

# Noise Impact Assessment

## 7450 Middlebrook Road, Elora

### The Fieldstone Barn

7450 Middlebrook Road  
Elora, ON N0B 1S0

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241.30541.00000

November 22, 2022



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## 1.0 Introduction

SLR Consulting (Canada) Ltd. (SLR) was retained by The Fieldstone Barn (the Client) to conduct a noise impact assessment for the proposed event venue to be located on their lands at 7450 Middlebrook Road, Elora, Ontario (the Project site).

This study was completed to satisfy the requests of the Township of Centre Wellington and Wellington County as part of the development application. Specifically, this report has been prepared to address the following requirement of the Township and County:

### Noise Impact Assessment

- A Noise Impact Study will be required to determine potential impacts of noise related specifically to the event space use on surrounding rural residential areas and any mitigation measures recommended.

The existing barn is being renovated for periodic events, such as weddings and other private functions. Weddings are considered to be the worst-case event for noise and will be the focus of this assessment.

## 1.1 Venue Description

The proposed event venue is to be located inside an existing stone and wood barn structure on the property at 7450 Middlebrook Road, Elora. The barn is a permanent structure with several small openings (slits) to the outdoors along the west, north and east facades, that will remain after completion of the proposed renovations.

First-floor renovations will include a large open event space for congregation of guests, tables, and dancing. The second-floor renovations will have a viewing balcony overlooking the first-floor open event space.

Access into the barn will be from the existing double sliding doors along the north façade of the building and swing doors along the east façade.

Property access will be via Middlebrook Road at the south end of the property, along the existing driveway. The driveway will be extended to a parking lot located west of the barn structure. A total of 40 parking spaces are proposed, which is based on the minimum requirements calculated in accordance with the Zoning By-law. Three (3) additional accessible parking spaces will be provided north of the barn structure, for a total of 43 guest vehicle parking spaces for the event venue.

The barn is naturally ventilated with the openings in the north, east and west walls. Mechanical cooling is not included with the current barn, and is not included in the renovation plans. Ceiling fans are expected to be sufficient for air flow within the barn.

Development drawings for the barn event space are provided for reference in **Appendix A**, along with photographs of the barn structure (**Figure A1** and **Figure A2**).

A site plan showing the location of the barn, parking area and other existing structures on the property is shown in **Figure 1**.

## 1.2 Venue Events

The Fieldstone Barn is planning to host events, weddings and other private functions for up to 150 guests. Outdoor parking for up to 43 vehicles will be provided. Events are understood to conclude at or before 11:00PM, and cocktails/dinners/receptions are to be held within the barn structure.

The worst-case planned venue event with respect to noise is a wedding.

## 1.3 Nature of the Surroundings

The proposed event venue property is currently surrounded by the following:

- Middlebrook Road, with Elora Lions Park and the Grand River beyond to the south;
- Open farm fields, Wellington Road 7, and residential dwellings beyond to the east;
- Open farm fields with industrial/commercial land uses and Wellington County Road 18 beyond to the north, including vacant commercially zoned lands; and
- Open farm fields with various single family homes along Middlebrook Road to the west.

The closest residence to the west is located approximately 135 m away from the barn structure. To the east, the closest residence is located approximately 320 m from the barn, on the east side of Wellington Road 7.

The surrounding topography is variable and hilly, with a general increase in grade from south-to-north starting from the Grand River, south of Middlebrook Road.

A context plan showing the proposed venue location and surrounding area is provided in **Figure 2**.

## 2.0 Review of Applicable Guideline Limits

### 2.1 The Corporation of the Township of Centre Wellington Noise By-Law

The proposed event venue is located in the Township of Centre Wellington. The applicable noise by-law for this location is The Corporation of the Township of Centre Wellington By-Law No. 5001-05. This noise-by-law was reviewed as part of this noise assessment.

**Section 4** of By-law No. 5001-05 stipulates 'Prohibitions by Time and Place' based on the nature of noise-generating activities as follows:

#### **Prohibitions by Time and Place**

No Person shall emit or cause or permit the emission of sound resulting from any act listed in Schedule 2 – Prohibitions by Time and Place if clearly audible at a point of reception located in an area of the municipality within a prohibited time shown for such an area.

The applicable portion of **Schedule 2** related to noise that can be potentially generated by the event venue is summarized below.

**Schedule 2**

ACT	PROHIBITED PERIOD OF TIME RESIDENTIAL AREA
2. The operation of any electronic device or group of connected electronic devices incorporating one or more loudspeakers or other electro-mechanical transducers, and intended for the production, reproduction or amplification of sound in a residential area	2300h (11:00PM) one day to 0700h (7:00AM) the next day (0900h or 9:00AM on Sundays)
4. Yelling, shouting, hooting, whistling or singing.	

A “Residential Area” is defined in By-Law 5001-05 as:

An area designated as residential in the zoning By-law of the Township of Centre Wellington as may be amended from time to time.

The Township of Centre Wellington Comprehensive Zoning By-Law No. 2009-045 was reviewed to determine the zoning designations for land surrounding the proposed event venue. The nearest areas zoned as Residential are located along the east side of Wellington Road 7 (zoned R3 and R1A), approximately 320 m east of the event venue barn. Lands to the north are zoned A (Agricultural) and C2(H) Highway Commercial, with a holding provision. To the south, lands are generally zoned CA (Open Space to accommodate lands owned by the Grand River Conservation Authority), OS (Open Space), and A (Agricultural).

As the houses to the east along Wellington Road 7 are in a “Residential Area”, By-Law 5001-05 is technically applicable, and this study has included an assessment of compliance with **Act 2** and **Act 4** of **Schedule 2**.

**2.2 Ministry of Environment, Conservation and Parks Publication NPC-300**

The Ministry of Environment, Conservation and Parks (MECP) Publication NPC-300 guidelines were developed based on extensive research conducted by the MECP itself and the U.S. Environmental Protection Agency in the 1970s and 1980s. The research evaluated a number of different types of noise sources, ambient noise conditions, and community responses to the sources/conditions. The guidelines provide a robust approach and framework for evaluation noise impacts. Experience has shown that complaint are generally unlikely for noise sources meeting the guideline limits in NPC-300.

**2.2.1 Applicable Sound Level Limits**

The applicable sound level limits for continuous sources of noise are outlined in **Table 1**. Hourly average sound levels ( $L_{eq}(1-hr)$ , measured A-weighted decibels, dBA) due to sources under assessment are assessed against the higher of prescribed minimum exclusionary limits, or the corresponding background ambient sound levels (generally due to road traffic). The minimum exclusionary limits are set based on the Class of the area as defined by MECP.

Sound levels are assessed at either the plane of window of a noise-sensitive space (e.g., bedroom), or an outdoor point of reception. The guideline limited for both types of assessment locations are summarized in **Table 1**.

**Table 1: MECP Publication NPC-300 Guideline Sound Level Limits**

Time Period	Minimum Exclusionary Limits – $L_{eq}(1-hr)$ , dBA					
	Class 1 – Urban		Class 2 – Sub-Urban		Class 3 – Rural	
	Plane of Window	Outdoor	Plane of Window	Outdoor	Plane of Window	Outdoor
Daytime (7:00 AM to 7:00 PM)	50	50	50	50	45	45
Evening (7:00 PM to 11:00 PM)	50	50	50	45	40	40
Nighttime (11:00 PM to 7:00 AM)	45	n/a <sup>[1]</sup>	45	n/a <sup>[1]</sup>	40	n/a <sup>[1]</sup>

**Notes:** [1] Sound level limits are not applicable for outdoor points of reception during nighttime hours.

A site visit to the Project site and surrounding area was completed by SLR staff on September 1, 2022. Based on observations collected during the site visit, the following area classifications apply:

- A generally rural environment to the west of the event venue, with Class 3 limits applied to the residential dwellings along Middlebrook Road. This is considered conservative, as frequent vehicle pass-bys were observed during the daytime period, including heavy truck traffic from quarries to the west.
- Sub-urban environment to the east of the event venue, with continuous roadway noise during the daytime from Wellington Road 7. For this assessment, sound levels at these residences were assessed against the Class 2 limits for residential dwellings, although these receptors could possibly be considered Class 1 area receptors.

### 2.2.2 Penalties for Specific Types of Sound

Sounds with specific qualities are known to be more noticeable, and therefore potentially more likely to cause annoyance. Following MECP guidance, sounds with specific characteristics are penalized to account for these effects when comparing predicted/measured sound levels to applicable guideline limits. MECP Publication NPC-104 outlines the following penalties:

- Tonal noise (audible tonal quality such as whine, screech, buzz or hum): +5 dB penalty
- Cyclically varying sound (beating or amplitude modulation): +5 dB penalty
- Quasi-steady impulsive sound (hammering): +10 dB penalty

The greatest applicable adjustment from the list above would be applied.

Music typically contains cyclically varying sound, and therefore a +5 dB penalty should be applied to those sources.

Human speech is readily noticeable due to human propensity to cue onto/be drawn to listening to speech sounds. In many similar situations, a tonal penalty of +5 dB has been applied to address the additional noticeability of human speech. Therefore, a +5 dB has been applied to guest voices considered in this assessment.

## 2.3 Guidelines Adopted in Assessment

Publication NPC-300 is the current MECP guideline used to provide guidance on sound level limits where land use planning decisions are made. These guidelines are intended to minimize the potential conflict between noise sensitive land uses and sources of noise emissions. For this assessment, the applicable portion of NPC-300 is the assessment of “stationary sources” on noise sensitive land uses.

Under Part A, Section A5 – Definitions of NPC-300, a description and examples are provided for “*Sources not considered as stationary sources*”. Within this section, sources “*normally addressed in a qualitative manner in municipal noise by-laws*” are listed and include:

*“noise resulting from gathering of people at facilities such as restaurants, fairs and parks.”*

In addition, sources “*not considered to be stationary noise sources in Part B (Stationary) and Part C (Land Use Planning)*” are listed and include:

*“parking lots for private passenger vehicles at offices or commercial facilities, such as retail stores, plazas or shopping malls, or employee parking lots at industries and commuter lots.”*

Therefore, the NPC-300 guidelines are not directly applicable to the assessment of wedding venues or vehicle noise within parking lots. However, the NPC-300 guidelines can be used as way to assess whether or not a noise is considered to be at an acceptable level. Therefore, NPC-300 guidelines have been applied in this assessment.

The Class 3 area limits were applied for the homes to the west as a conservative assessment, despite a Class 2 area classification possibly being applicable given the frequent vehicle pass-bys, including heavy trucks, observed during the daytime period.

To the east, the Class 2 limits were applied as a conservative assessment, as the lands could be considered a Class 1 area due to roadway traffic along Wellington Road 7.

As ambient measurements and modelling were not completed, the exclusionary NPC-300 guideline limits were applied in this assessment for all receptors.

It should be noted the NPC-300 guidelines do not require that sound be inaudible. Sound levels meeting the limits in **Table 1** may still be audible and recognizable. One-hour energy-averaged “ $L_{eq}$ ” sound levels are used in the guidelines, as opposed to maximum sound levels, as research has shown that the  $L_{eq}$  levels correspond well to potential human annoyance resulting from noise.

## 3.0 Points of Reception

### 3.1 Existing Homes

The points of reception (PORs) considered in this assessment were selected based on the evaluated worst-case impacts at surrounding noise-sensitive locations. These worst-case locations were considered to be the residential dwellings located west of the proposed event venue on the north side of Middlebrook Road, and residential dwellings located to the east of the venue along Wellington Road 7.

The two (2) worst-case surrounding PORs are included in this assessment. They are summarized in **Table 2** and shown in **Figure 3**.

It should be noted that for POR01, the associated outdoor point of reception (OPOR) is located closer to the proposed event venue sources than the residential 2<sup>nd</sup> storey plane of window. For POR02, the

outdoor POR is in the rear yard; therefore, the residential dwelling itself acts as sound barriers. The worst-case impacts are on the facades facing the event venue.

**Table 2: Worst-Case Point of Reception Summary – Existing**

POR ID	POR Address	Description
POR01	7446 Middlebrook Road	2 <sup>nd</sup> -Floor Plane of Window of 2-Storey House to west
POR02	319 Wellington Road 7	2 <sup>nd</sup> Floor Plane of Window of Townhouse Block to east

The existing residential dwelling at 7450 Middlebrook Road is not considered a noise-sensitive POR based on definitions outlined in NPC-300, as this dwelling is located within the property boundaries of the stationary noise source.

### 3.2 Future Noise Sensitive Buildings

Lands located approximately 200 m north of the barn are zoned C2(H) Highway Commercial, according to Zoning By-Law No. 2009-045 (refer to **Section 2.1** and **Figure 2**). Noise-sensitive buildings/uses that are permitted in these zones could include the following:

- Bed and breakfast establishments;
- Churches;
- Day care centres or day nurseries;
- Dwelling units above ground level commercial uses;
- Hotels; and,
- Motels.

Based on observations collected during the site visit on September 1, 2022, the lands are currently for sale, and specific uses and layouts/site plans are not yet available.

As there is the potential for noise-sensitive PORs within the lands zoned C2, this area has been considered in the assessment, with predicted sound levels compared to Class 2 criteria from NPC-300.

## 4.0 Noise Impact Assessment

### 4.1 Sound Level Modelling

Outdoor sound levels at the identified worst-case PORs were predicted using the Cadna/A noise modelling software developed by Datakustik GmbH, which is based on the internationally recognized ISO 9613 noise propagation algorithms. The ISO 9613 algorithms are the preferred noise modelling method of the MECP, and the ISO-9613 equations account for:

- Source to receiver geometry;
- Distance attenuation;
- Atmospheric absorption;
- Reflections off of the ground and ground absorption;

- Reflections off of vertical walls; and
- Screening effects of buildings, terrain, and purpose-built noise barriers (noise walls, berms, etc.).

The following is a summary of the noise modelling parameters considered in the assessment:

- As the surrounding area consists primarily of grass, tree-cover and farmland, absorptive ground ( $G=1.0$ ) was applied globally in the assessment. Localized reflective ground absorption was applied to areas such as the event venue driveway and parking lot.
- Topographical contours for the Project site and surrounding area were included in the model. Detailed topography was obtained through Ontario Geohub.
- An air temperature of 10°C and relative humidity of 70% were assumed (Ontario averages)
- A reflection order of 2 was applied to account for reflections from buildings.

Sources of sound were modelled as follows:

- Indoor Guest Voices and Amplified Music were modelled as vertical area sources of sound corresponding to all building facades. Sound power levels and penalties for special sound characteristics were applied to the vertical area sources, along with transmission losses of each façade. Refer to **Section 4.4** for additional information.
- Indoor Guest Voices and Amplified Music were modelled through the open North Sliding Doors as a vertical area source.
- Outdoor Guest Voices were modelled as an area source north of the sliding door opening to the barn structure.
- Vehicle idling was modelled as an area source across the parking lot area shown in the site plan, and vehicle movements as a line source following the driveway between Middlebrook Road and the parking lot.

Locations of all noise sources are shown in **Figure 4**.

## 4.2 Noise Source Descriptions

The worst-case condition of the event venue with respect to noise is considered to be a wedding with up to 150 guests attending. The following sections summarize the noise sources considered in the assessment.

### 4.2.1 Guest Voices

Events will take place within the barn structure, including a small number of guests potentially congregating outdoors from time-to-time. The outdoor congregation location was assumed to be north of the barn, near the sliding doors.

Guest voices were considered in the assessment as follows:

- Up to 150 guests were assumed to attend, with 135 guests (90% of guest total) located within the barn;
- 15 guests (10% of guest total) were assumed to congregate outdoors during any event, north of the barn near the sliding doors, as a consideration of guests taking a break from the indoor space;
- It was assumed the north barn doors could be open for a worst-case condition during an event;

- Off-site sound levels due to Guest Voices were assessed against the stricter evening criteria for Class 2 and 3 areas for PORs summarized in **Table 2**.
- The event venue will close strictly at 11:00PM; therefore, predicted sound levels due to Guest Voices at the PORs were compared to daytime and evening criteria only, and nighttime hours were excluded from the assessment.

#### **4.2.2 Amplified Music**

Music will be played indoors only, through a sound system during the reception and dancing portions of weddings/events.

Amplified Music was considered in the assessment as follows:

- Amplified music can be played continuously during any event;
- It was assumed the north barn door could be open for a worst-case condition during any event;
- Off-site sound levels due to Amplified Music were assessed against stricter evening criteria for Class 2 and 3 areas for PORs summarized in **Table 2**.
- The event venue will close strictly at 11:00PM; therefore, predicted sound levels due to Amplified Music at the PORs were compared to the daytime and evening criteria only, and nighttime hours were excluded from the assessment.

#### **4.2.3 Guest Departures**

Based on the site plan, the parking lot is to be located west of the barn, accommodating up to 40 vehicles. Three (3) accessible parking spots are also located on site. Guest Departures includes vehicles idling and leaving the event venue over a short period of time.

Guest Departures were considered in the assessment as follows:

- Sound from both vehicle idling and vehicle movements was modelled;
- The parking for the event venue can accommodate up to 43 vehicles;
- Vehicles were assumed to idle for up to 5 minutes each prior to departure, and travel at 5 km/hr between the parking lot and entrance on Middlebrook Road; and
- All guest vehicles (i.e., up to 43 vehicles) were assumed to leave an event within a 1-hour period; and
- Guest departure can occur during daytime/evening events and after 11 pm following the conclusions of an event, where impacts were compared to daytime, evening and nighttime criteria.

### **4.3 Source Sound Level Data**

Source sound level data used in the assessment were obtained from a combination of published sources, historical data in the SLR database and engineering calculations. The following subsections include a discussion for each source.



### 4.3.1 Guest Noise (Voices/Human Speech)

Source sound levels for indoor barn Guest Voices are assessed based on historical sound data on file. A measured conversational sound pressure level of 120 guests at a distance of 50 m was applied, which considers the increased voice levels for grouped individuals. The 120-guest sound level was logarithmically adjusted for a total of 135 guests, (90% of guest total) and applied to the voices within the barn.

The 15 outdoor guest voices (i.e., 10% of total guests), were assessed using historical “raised voice” sound levels on file at SLR for an individual, which were logarithmically adjusted for 15 total guests.

To account for special sound characteristics as outlined in **Section 2.2.2**, sound levels were penalized by +5 dB for all sources used to represent indoor and outdoor Guest Voices.

Spectral sound level data for 135 guest voices and the “raised voice” are included for reference in **Appendix B**.

### 4.3.2 Amplified Sound Systems

Spectral sound power level data for amplified music used in the assessment is based on measurements completed by SLR of a live music festival. Unadjusted spectral sound power level data for measured amplified music used in the assessment is included for reference in **Appendix B**.

A maximum allowable sound pressure level of 81 dBA was applied on the inside façade of the barn structure (walls and open barn doors). As The Fieldstone Barn will be installing a sound system, the 81 dBA sound pressure level limit within the barn will be controlled through the mixing board.

To account for special sound characteristics as outlined in **Section 2.2.2**, sound levels (i.e., the maximum allowable sound level of 81 dBA inside the barn) plus a penalty of +5 dB was applied to vertical area sources used to represent Amplified Music.

### 4.3.3 Parking Area Vehicles/Traffic

The sound power level applied to idling vehicles in the assessment is based on historical average measurements in the SLR database.

The overall sound power level attributed to a single idling vehicle was 78 dBA, and this was energy adjusted accordingly to account for 43 idling vehicles.

For vehicle movements, historical average data from the SLR database for a vehicle pass-by was applied to the line sources, with 43 vehicles movements during a worst-case hour.

Spectral sound power level data for an idling and moving vehicle are included for reference in **Appendix B**.

## 4.4 Building Effects Considered in the Assessment

### 4.4.1 Transmission Losses through Barn Structure

SLR performed sound level measurements during a site visit conducted September 1, 2022, to assess the effects of the barn structure on indoor-to-outdoor sound transmission. Measurements were performed with a Larson Davis 831 Class 1 sound level meter that was calibrated before and after the measurement program using a Larson Davis CAL200 calibrator. No significant deviation was observed, and equipment used for measurements was within the annual calibration window. Weather during the site visit was suitable for outdoor measurements, with no precipitation, low wind speeds and low relative humidity.

During the site visit, pink noise was played through a loudspeaker situated approximately in the middle of the large open portion of the barn structure. The loudspeaker was pointed at the north, east, south and west facades (i.e., the four cardinal directions) of the barn structure for respective measurements. Sound level measurements were conducted by sweeping the inside façade at which the speaker was pointed, followed by the outer sweep of the same facade. All doors were closed during measurements. Calibration point measurements were also obtained at various distances from the barn, ranging from approximately 40 m to 125 m away.

The transmission loss (TL) across each building façade was calculated as the difference in each 1/1 octave band comparing indoor and outdoor sound levels and applied in the noise modelling. The model was calibrated based on the pink noise spectrum, the measured sound pressure level within the barn, and the various measurement locations surrounding the barn. The calibrated model is within +/-0.3 dBA of the measured sound levels surrounding the barn in the direction of the east and west noise-sensitive receptors.

The measured transmission losses across the barn structure building facades are shown in **Appendix B**. The transmission losses were applied to the vertical area sources along each building façade representing Guest Voices and Amplified Music propagating in all directions around the barn structure. No reductions were applied to the Guest Voices and Amplified Music breaking out through the open barn doors.

#### 4.4.2 Other Building Effects

During the site visit on September 1, 2022, SLR also performed reverberation time measurements within the barn structure open space. Measurements were performed with an NTi XL2 sound level meter, using the 'interrupted source' method outlined in ASTM standard E2235 – Standard Test Method for Determination of Decay Rates for Use in Sound Insulation Test Methods.

Reverberation time measurements were used to estimate room absorption within the barn event space. The room effect on the 135 indoor Guest Voice sound level was subsequently applied to determine the sound pressure level on the inside surface of the building envelope. This calculated sound pressure level was applied to the vertical area sources in the modelling.

### 4.5 Predicted Sound Levels

#### 4.5.1 Existing Noise Sensitive Receptors

##### 4.5.1.1 Guest Voices

Daytime/evening sound levels from Guest Voices were predicted (as outlined in **Section 4**) at the worst-case surrounding noise-sensitive PORs identified in **Section 3**.

The predicted sound levels are summarized in **Table 3** and shown in **Figure 5**. A sample calculation is provided in **Appendix C** for POR01.

**Table 3: Predicted Sound Levels from Guest Voices at Worst-Case PORs**

Point of Reception ID	Assessment Location	Predicted Sound Level $L_{eq}$ (1-hour) (dBA)	Applicable Sound Level Limits $L_{eq}$ (1-hour) (dBA)			Meets Applicable Limits (Y/N)?
		Daytime/Evening	Daytime	Evening	Nighttime	
POR01	2 <sup>nd</sup> Floor Window – East Façade	38	45	40	-	Y
POR02	2 <sup>nd</sup> Floor Window – West Façade	37	50	50	-	Y

Sound levels due to Guest Voices are predicted to be below applicable sound level limits at the worst-case POR façade locations.

Sound level contours at a height of 1.5 m (i.e., the assessment for outdoor points of reception) are also shown in **Figure 5**. The contours show that sound levels at outdoor PORs associated with the noise-sensitive locations in all directions are predicted to be below 40 dBA, and below the applicable Class 2 (45 dBA) and Class 3 (40 dBA) outdoor POR sound level limits, summarized in **Table 1**.

No additional noise control measures are required for Guest Voices.

#### 4.5.1.2 Amplified Music

Daytime/evening sound levels from Amplified Music were predicted (as outlined in **Section 4**) at the worst-case surrounding noise-sensitive PORs identified in **Section 3**.

The predicted sound levels are summarized in **Table 4** and shown in **Figure 6**. A sample calculation is provided in **Appendix C** for POR01.

The sound levels in **Table 4** were predicted with a maximum allowable sound level of 81 dBA within the barn, which was applied to all vertical area sources with TL values and penalties for annoyance applied.

**Table 4: Predicted Sound Levels from Amplified Music at Worst-Case PORs**

Point of Reception ID	Assessment Location	Predicted Sound Level $L_{eq}$ (1-hour) (dBA)	Applicable Sound Level Limits (dBA)			Meets Applicable Limits (Y/N)?
		Daytime/Evening	Daytime	Evening	Nighttime	
POR01	2 <sup>nd</sup> Floor Window – East Façade	39	45	40	-	Y
POR02	2 <sup>nd</sup> Floor Window – West Façade	39	50	50	-	Y

Sound levels due to Amplified Music are predicted to be below applicable sound level limits at the worst-case POR façade locations.

Sound level contours at a height of 1.5 m (i.e., the assessment for outdoor points of reception) are also shown in **Figure 6**. The contours show that sound levels at outdoor PORs associated with the noise-sensitive locations in all directions are predicted to be below 40 dBA, and below the applicable Class 2 (45 dBA) and Class 3 (40 dBA) outdoor POR sound level limits summarized in **Table 1**.

With a maximum permitted sound level of 81 dBA within the barn structure, no additional noise control measures are required.

#### 4.5.1.3 Guest Departures

Nighttime sound from Guest Departures were predicted (as outlined in **Section 4**) at the worst-case surrounding noise-sensitive PORs identified in **Section 3**.

The predicted sound levels are summarized in **Table 5** and shown in **Figure 7**. A sample calculation is provided in **Appendix C** for POR01.

**Table 5: Predicted Sound Levels from Guest Departures at Worst-Case PORs**

Point of Reception ID	Assessment Location	Predicted Sound Level (dBA)	Applicable Sound Level Limits (dBA)			Meets Applicable Limits (Y/N)?
		Daytime/ Evening/ Nighttime	Daytime	Evening	Nighttime	
POR01	2 <sup>nd</sup> Floor Window – East Façade	35	45	40	40	Y
POR02	2 <sup>nd</sup> Floor Window – West Façade	18	50	50	45	Y

Sound levels due to vehicle idling and movements associated with Guest Departures are predicted to be below applicable sound level limits at the worst-case POR façade locations.

It should be noted that as the worst-case condition for Guest Departures is predicted to occur during nighttime hours, and sound level limits do not apply to outdoor PORs during this period. **Figure 7** includes sound level contours at an assessment height of 1.5 m, showing that daytime and evening sound level limits due to Guest Departures are also predicted to meet applicable Class 2 (45 dBA) and Class 3 (40 dBA) outdoor POR limits at all locations surrounding the event venue.

Noise control measures are not required for vehicle movements and idling related to Guest Departures.

#### 4.5.2 Future Noise Sensitive Buildings

The sound level contours for Guest Voices, Amplified Music and Guest Departures, shown in **Figure 5**, **Figure 6** and **Figure 7**, respectively, can be used to assess potential future sound levels at the lands zoned C2 Highway Commercial. The lands may include noise-sensitive buildings (permitted by the applicable zoning by-law, as outlined in **Section 3.2**).

Based on the predicted sound level contours from Guest Voices, Amplified Music, and Guest Departures, daytime, evening and nighttime criteria for a Class 2 area will be met at all locations zoned C2 Highway Commercial, at a height of 1.5 m. This includes all outdoor PORs, and ground-floor planes of windows exposed to the event venue.

Should an elevated point of reception be located within the lands zoned C2 Highway Commercial, predicted sound levels will be below applicable Class 2 limits (50 dBA) during all daytime and evening hours (results not shown). During nighttime hours, noise impacts are considered to be sufficiently low that the Class 2 night-time limits (45 dBA) would not be exceeded.

## 5.0 Conclusions and Recommendations

The potential for noise impacts from the proposed event venue were assessed against MECP NPC-300 guideline limits at surrounding noise-sensitive PORs. Although the NPC-300 guidelines are not directly applicable for such an event venue, these guidelines can be used as an indication of what noise levels would generally be considered acceptable.

Based on the results of the assessment, the following conclusions have been reached:

- Worst-case sound levels due to the proposed event venue are expected to be associated with weddings that would end at 11:00 PM or earlier;
- Sound levels from Guest Voices, Amplified Music, and Guest Departures during weddings were assessed;
- Noise from Guest Voices (with an event venue capacity of 150 people) are predicted to meet MECP NPC-300 guidelines at all surrounding noise-sensitive PORs without the need for noise control measures.
- Noise from Amplified Music played inside the barn structure is predicted to meet MECP NPC-300 guidelines at all surrounding noise sensitive PORs, with a maximum allowable sound pressure level of 81 dBA within the barn. As Fieldstone Barn will be installing their own sound system, the 81 dBA sound pressure level limit within the barn can be readily controlled.
- Noise from idling and moving vehicles during Guest Departures are predicted to meet MECP NPC-300 guidelines at all surrounding noise-sensitive PORs without the need for noise control measures.

Considering the above, SLR concludes that the proposed event venue will meet the MECP NPC-300 guideline limits with a maximum sound level applied to the Amplified Music sound system only, and no other noise control measures. Adverse noise impacts related to the event space on surrounding residential areas are not anticipated.

Sincerely,

**SLR Consulting (Canada) Ltd.**



**Keni Mallinen, M.A.Sc., P.Eng.**  
Acoustics Engineer

**Marcus Li, P.Eng.**  
Principal Acoustics Engineer

Distribution:           1 electronic copy – The Fieldstone Barn  
                              1 electronic copy – SLR Consulting (Canada) Ltd.

## 6.0 References

International Organization for Standardization, ISO 9613-2: Acoustics – Attenuation of Sound During Propagation Outdoors Part 2: General Method of Calculation, Geneva, Switzerland, 1996.

International Organization for Standardization, ISO 1996-2: Acoustics – Description, Measurement and Assessment of Environmental Noise Part 2: Determination of Sound Pressure Levels, Geneva, Switzerland, 2017.

Ontario Ministry of the Environment, Conservation and Parks, Publication NPC-300: Environmental Noise Guideline: Stationary and Transportation Sources – Approval and Planning, 2013.

The Corporation of the Township of Centre Wellington, By-Law No. 5001-05.

Township of Centre Wellington Comprehensive Zoning By-Law No. 2009-04 – Office Consolidation, June 2022.

## 7.0 Statement of Limitations

This report has been prepared and the work referred to in this report has been undertaken by SLR Consulting (Canada) Ltd. (SLR) for The Fieldstone Barn, hereafter referred to as the “Client.” It is intended for the sole and exclusive use of the Client. The report has been prepared in accordance with the Scope of Work and agreement between SLR and the Client. Other than by the Client, the Township of Centre Wellington and Wellington County in their role as land use planning approval authorities, copying or distribution of this report or use of or reliance on the information contained herein, in whole or in part, is not permitted unless payment for the work has been made in full and express written permission has been obtained from SLR.

This report has been prepared in a manner generally accepted by professional consulting principles and practices for the same locality and under similar conditions. No other representations or warranties, expressed or implied, are made.

Opinions and recommendations contained in this report are based on conditions that existed at the time the services were performed and are intended only for the client, purposes, locations, time frames and project parameters as outlined in the Scope of Work and agreement between SLR and the Client. The data reported, findings, observations and conclusions expressed are limited by the Scope of Work. SLR is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. SLR does not warranty the accuracy of information provided by third party sources.

# Figures

## Noise Impact Assessment

7450 Middlebrook Road, Elora

The Fieldstone Barn

SLR Project No. 241.30541.00000

November 22, 2022



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**THE FIELDSTONE BARN**

7450 MIDDLEBROOK ROAD, ELORA, ONTARIO

**SITE PLAN**

True North



Scale:

N.T.S.

METRES

Date: Nov. 22, 2022

Rev 1.0

Figure No.


Project No. 241.30541.00000

**1**







Legend	
	Proposed Event Venue Buildings

**THE FIELDSTONE BARN**

7450 MIDDLEBROOK ROAD, ELORA, ONTARIO

CONTEXT PLAN

True North



Scale: 1:5000 METRES

Date: Nov. 22, 2022

Rev 1.0



Project No. 241.30541.00000

Figure No.

**2**





Legend	
	Proposed Event Venue Buildings
	Point of Reception



**THE FIELDSTONE BARN**

7450 MIDDLEBROOK ROAD, ELORA, ONTARIO

WORST-CASE POINT OF RECEPTION LOCATIONS

True North



Scale: 1:5000

Date: Nov. 22, 2022 Rev 1.0

Project No. 241.30541.00000





METRES

Figure No.

**3**





Legend	
	Proposed Event Venue Buildings
	Area Source
	Line Source
	Vertical Area Source



**THE FIELDSTONE BARN**

7450 MIDDLEBROOK ROAD, ELORA, ONTARIO

MODELLED NOISE SOURCES

True North



Scale: 1:1000

METRES

Date: Nov. 22, 2022

Rev 1.0





Project No. 241.30541.00000









Figure No.

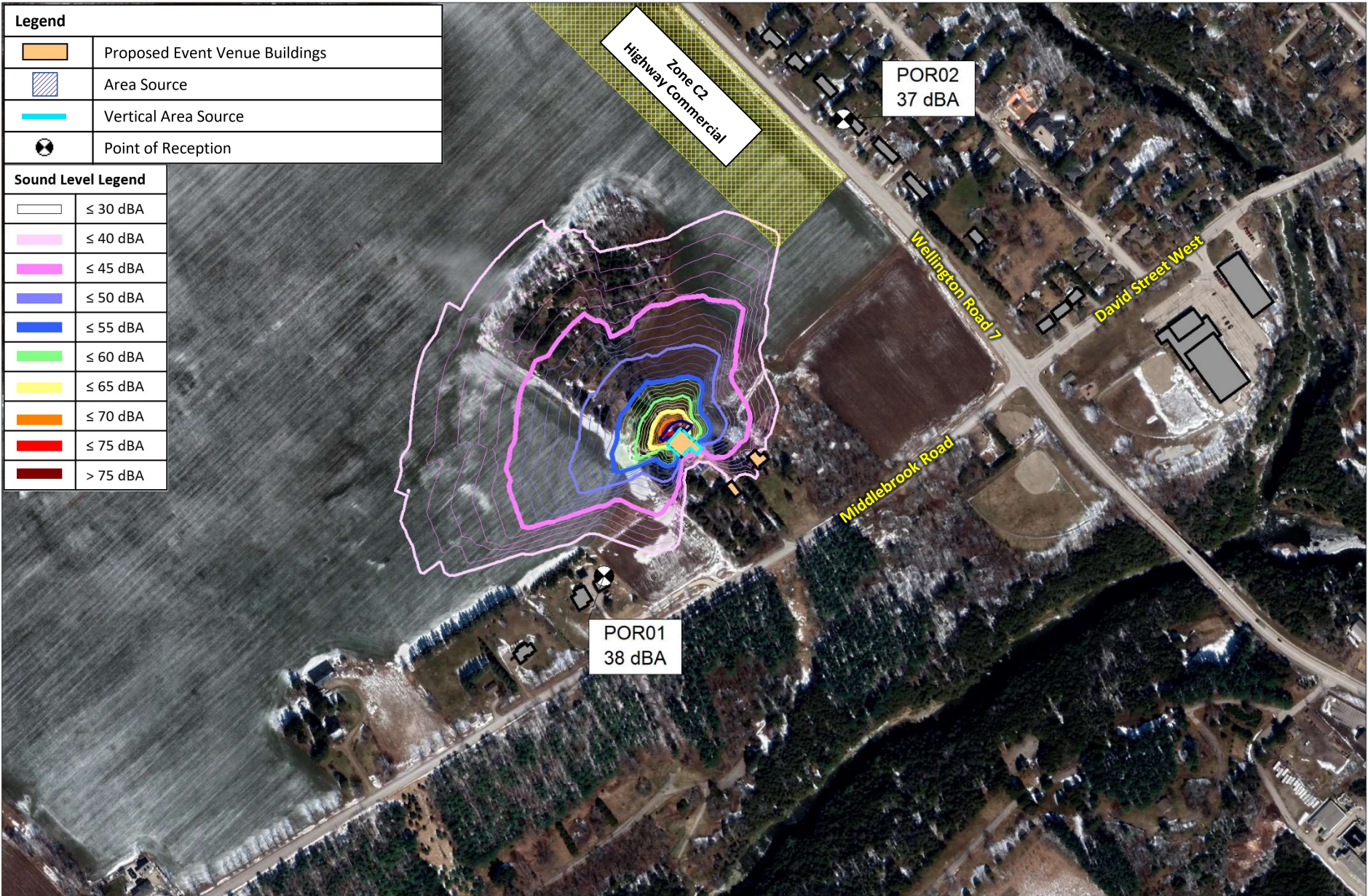
**4**





Legend	
	Proposed Event Venue Buildings
	Area Source
	Vertical Area Source
	Point of Reception

Sound Level Legend	
	≤ 30 dBA
	≤ 40 dBA
	≤ 45 dBA
	≤ 50 dBA
	≤ 55 dBA
	≤ 60 dBA
	≤ 65 dBA
	≤ 70 dBA
	≤ 75 dBA
	> 75 dBA



**THE FIELDSTONE BARN**

7450 MIDDLEBROOK ROAD, ELORA, ONTARIO

PREDICTED SOUND LEVELS AND CONTOURS – GUEST VOICES

True North



Scale: 1:5000 METRES

Date: Nov. 22, 2022 Rev 1.0




Project No. 241.30541.00000



Figure No.

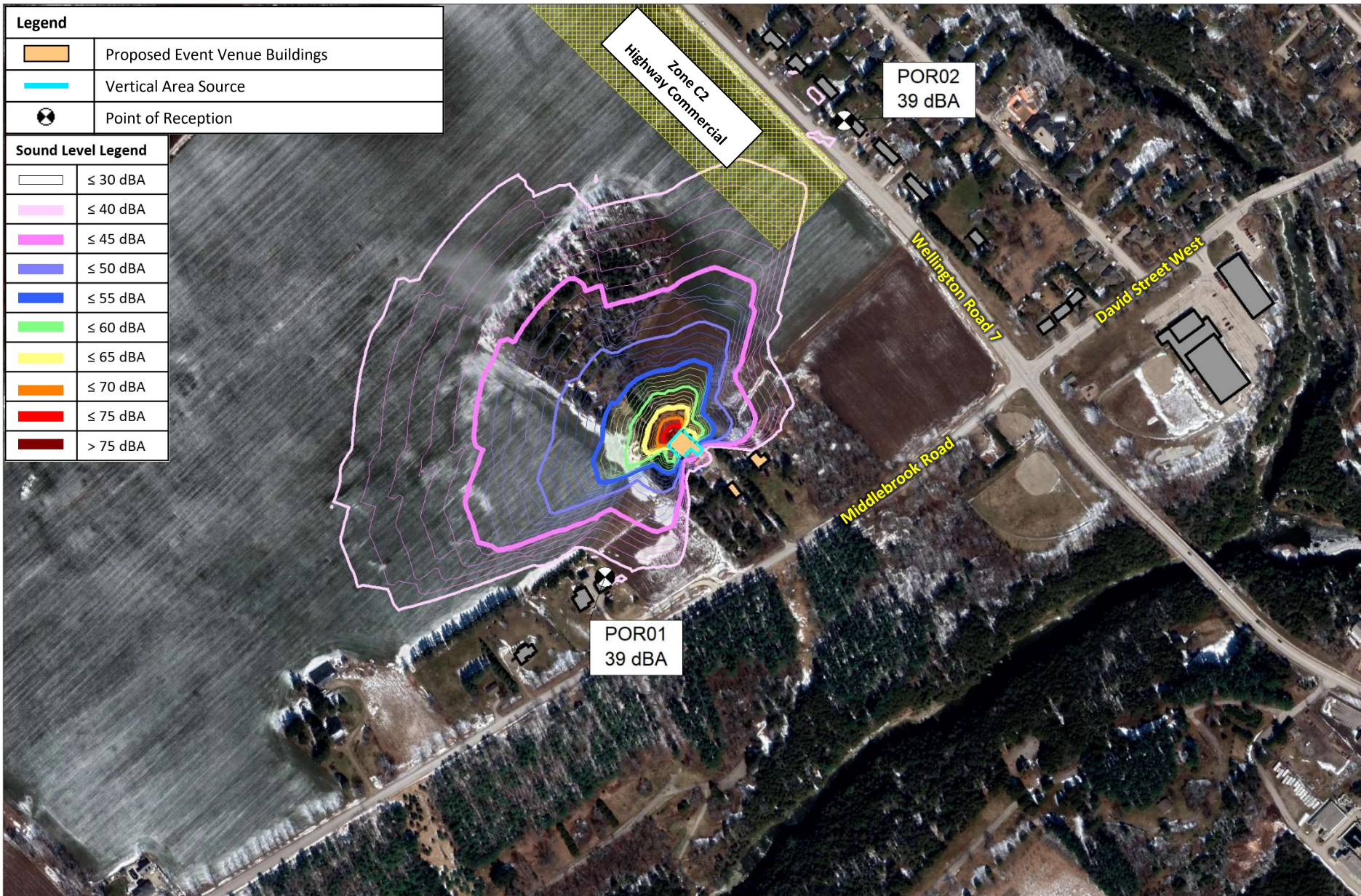
**5**





Legend	
	Proposed Event Venue Buildings
	Vertical Area Source
	Point of Reception

Sound Level Legend	
	≤ 30 dBA
	≤ 40 dBA
	≤ 45 dBA
	≤ 50 dBA
	≤ 55 dBA
	≤ 60 dBA
	≤ 65 dBA
	≤ 70 dBA
	≤ 75 dBA
	> 75 dBA



**THE FIELDSTONE BARN**

7450 MIDDLEBROOK ROAD, ELORA, ONTARIO

PREDICTED SOUND LEVELS AND CONTOURS – AMPLIFIED MUSIC

True North



Scale: 1:5000 METRES

Date: Nov. 22, 2022 Rev 1.0





Project No. 241.30541.00000









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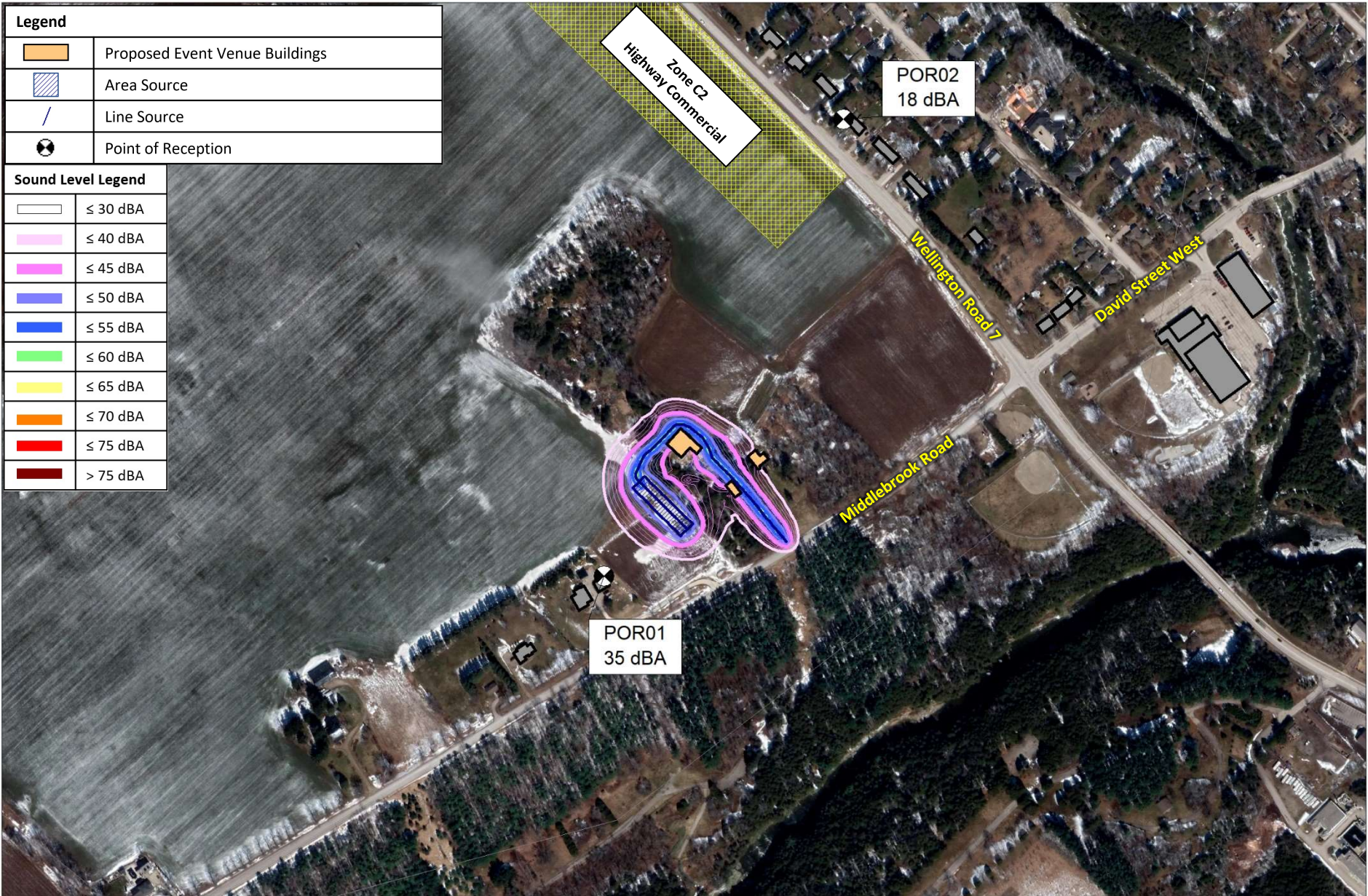
**6**





Legend	
	Proposed Event Venue Buildings
	Area Source
	Line Source
	Point of Reception

Sound Level Legend	
	≤ 30 dBA
	≤ 40 dBA
	≤ 45 dBA
	≤ 50 dBA
	≤ 55 dBA
	≤ 60 dBA
	≤ 65 dBA
	≤ 70 dBA
	≤ 75 dBA
	> 75 dBA



**THE FIELDSTONE BARN**

7450 MIDDLEBROOK ROAD, ELORA, ONTARIO

PREDICTED SOUND LEVELS AND CONTOURS – GUEST DEPARTURES

True North



Scale: 1:5000 METRES

Date: Nov. 22, 2022 Rev 1.0

Project No. 241.30541.00000

Figure No.

**7**



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# Appendix A    Development Drawings and Photographs

## Noise Impact Assessment

7450 Middlebrook Road, Elora

The Fieldstone Barn

SLR Project No. 241.30541.00000

November 22, 2022



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**PROPOSED EVENT SPACE**  
**Middlebrook Barn**  
 7450 Middlebrooke Rd. Elora

DRAWING LIST	
<b>ARCHITECTURAL</b>	
A2.1	1ST FLOOR PLAN
A2.2	2ND FLOOR PLAN
A4.1	BUILDING ELEVATIONS
<b>STRUCTURAL</b>	
S1	FRAMING PLANS
S2	PARTIAL FRAMING PLANS
S3	SECTIONS AND DETAILS
S4	CONNECTION DETAILS AND NOTES

PROJECT ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

LANDSCAPE ARCHITECT



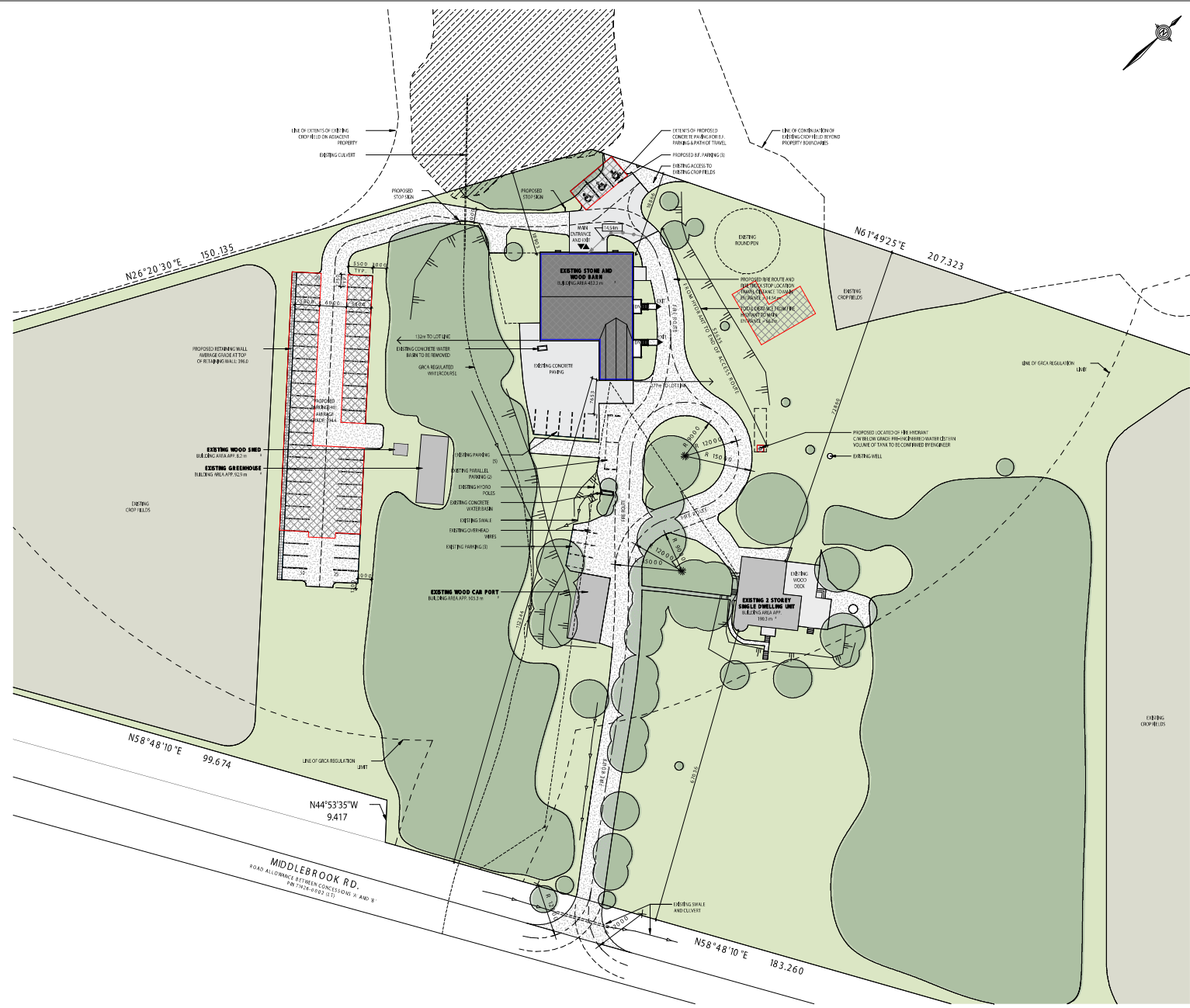
FRYETT TURNER ARCHITECTS INC.  
 115 METCALFE ST  
 NOB 150  
 CONTACT: ROBERT TURNER  
 P: (519) 846 2201  
 F: (519) 846 0343



TACOMA ENGINEERS  
 176 SPEEDVALE AVE. WEST  
 GUELPH, ON  
 N1W 1G3  
 CONTACT: RYNE CAMERON  
 P: (519) 763-2000  
 F: (519) 824-0000

2022-10-19 10:50:08 AM

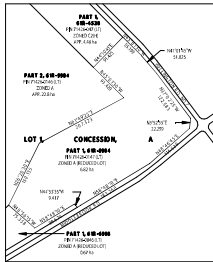
1 Site  
A1.0 1:400



**SITE PLAN LEGEND**

- GRADES OR NATURAL LANDSCAPE
- AREA
- TREE CANOPY
- EXISTING CROPPED FIELD
- POND
- GRAVEL
- CONCRETE
- EXISTING BUILDING STRUCTURES
- EXISTING BUILDING STRUCTURES WITH AREA OF DEVELOPMENT
- GRA REGULATED WETLAND
- STREAM
- FENCE
- FIRE ROUTE

**NOTES:**  
 1. PROJECT TO BE COVERED IN PHASES. ALL SITE WORK SHALL BE COMPLETED IN PHASE 1 UNLESS NOTICED OTHERWISE.  
 2. EXTENTS OF EXISTING WETLANDS AND TREE CANOPY COVERAGE ARE APPROXIMATE.



**Fryett Turner**  
 ARCHITECTS INC  
 115 Metcalfe Street  
 Elora, Ontario N0B 1S0  
 Tel: 519-846-2201  
 Fax: 519-846-0343  
 www.fryettturner.ca

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THIS COVER SHEET AGAINST THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL FIELD CONDITIONS SHALL BE CORRECTED BEFORE COMMENCING ANY WORK.  
 ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE. AN INDEPENDENT SURVEYOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS BEFORE COMMENCING ANY WORK.  
 © 2022 FT

PROJECT NORTH

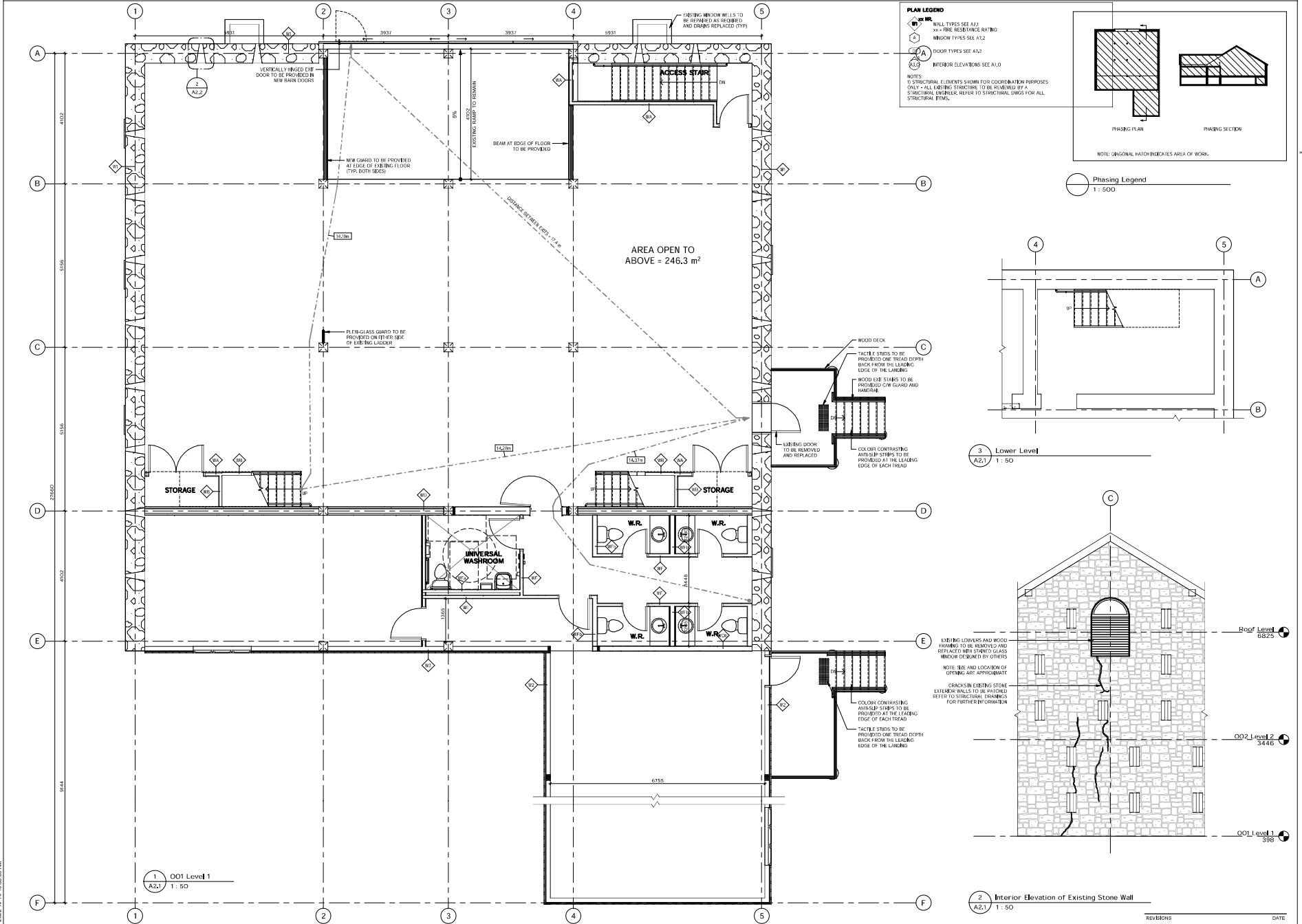
**Middlebrook Barn**  
 7450 Middlebrooke Rd. Elora  
 Site Plan

STATUS: Repair Permit	PROJECT #	BT	PROJECT	NA	TITLE
DATE	2007				
DRAWN	AS INDICATED				
SCALE	2000/275				
ISSUED	2022/04/14				

REVISIONS DATE

A1.0

2022-10-11 10:50:09 AM

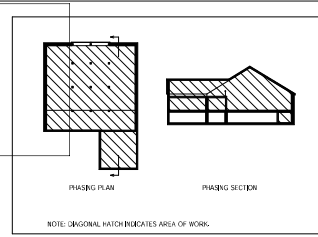


**PLAN LEGEND**

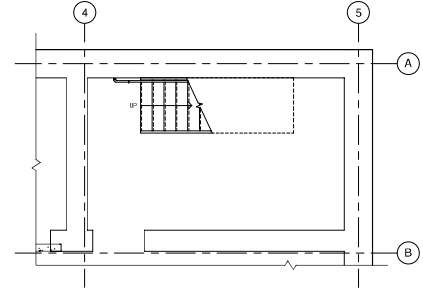
- WALL TYPES SEE A2.1
- xx = FIRE RESISTANCE RATING
- WINDOR TYPES SEE A2.2
- DOOR TYPES SEE A2.2
- INTERIOR ELEVATIONS SEE A2.0

**NOTES:**

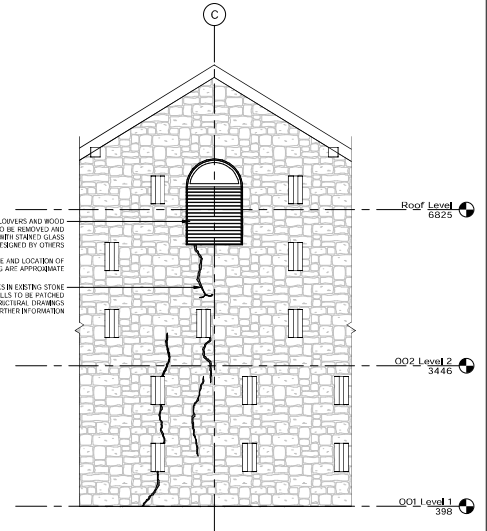
- STRUCTURAL ELEMENTS SHOWN FOR COORDINATION PURPOSES ONLY - ALL EXISTING STRUCTURE TO BE REVIEWED BY A STRUCTURAL ENGINEER. REFER TO STRUCTURAL DWGS FOR ALL STRUCTURAL ITEMS.



Phasing Legend  
1: 5000



3 Lower Level  
A2.1  
1: 50



2 Interior Elevation of Existing Stone Wall  
A2.1  
1: 50

**Fryett Turner**  
ARCHITECTS INC.

115 Metcalfe Street  
Etora, Ontario, N0B 1S0  
Tel: 519-846-2201  
Fax: 519-846-0343  
www.fryettturner.ca

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE CHANGE ORDER AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL DIMENSIONS AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL DIMENSIONS AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL DIMENSIONS.

ALL DIMENSIONS AND SPECIFICATIONS ARE TO BE PROVIDED BY THE ARCHITECT AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL DIMENSIONS AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL DIMENSIONS.

DO NOT SCALE DRAWINGS.

PROJECT: NORTH

**Middlebrook Barn**  
7450 Middlebrooke Rd. Etora  
1st Floor Plan

STATUS: Repair Permit  
PROJECT #: 20037  
CLIENT: RT  
PROJECT TITLE: NA  
DRAWN: AS indicated  
SCALE: 20220723  
DATE: 20220723  
ISSUED: 20220714

REVISIONS

DATE

A2.1



# **Appendix B    Source Sound Level and Modelling Data**

## **Noise Impact Assessment**

**7450 Middlebrook Road, Elora**

**The Fieldstone Barn**

SLR Project No. 241.30541.00000

November 22, 2022



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**APPENDIX B - STATIONARY SOURCE SOUND LEVEL DATA**

Source Description	Maximum Sound Power Level (1/1 Octave Bands)									Sound Power Level (dBA)	Source Notes
	31.5	63	125	250	500	1000	2000	4000	8000		
<b>The Fieldstone Barn - 7450 Middlebrook Road, Elora</b>											
Idling Vehicle		87	82	77	74	72	71	67	57	78	Based on historical measured SLR data - based on an average of 2000 to 2020 model year cars and pickup trucks. - each of the 53 vehicles in the parking lot can idle for up to 5 minutes during a worst-case hour.
Moving Vehicle	78	81	81	78	78	79	73	67	62	82	Based on historical data from the SLR database - each of the 53 vehicles in the parking lot can leave the venue, travelling at 5 km/hr along the driveway through the event venue site.
Amplified Music - Unmitigated	122	123	126	121	117	118	121	112	102	125	Based on historical measured SLR data - music can play continuously during any daytime/evening hour; the maximum sound level inside the barn <b>must be limited to an overall 81 dBA sound pressure level.</b>
Raised Voice - Average Person			62	69	73	69	64	61	55	74	Based on historical data from the SLR database - the sound power level is for an individual person - Pearson et al., (1977) "Average Speech Levels and Spectra in Various Speaking/Listening Conditions" summarized in <a href="#">Architectural Acoustics</a> , by Marshall Long, 2006

Source Description	Sound Pressure Level (1/1 Octave Bands)									Sound Pressure Level (dBA)	Source Notes
	31.5	63	125	250	500	1000	2000	4000	8000		
<b>The Fieldstone Barn - 7450 Middlebrook Road, Elora</b>											
Guest Voices - 135 People, Conversational Speech, measured at a distance of 50 m	61	65	57	53	52	54	51	46	44	57	Based on historical data of 120 guests at 50 m - the sound pressure level of 120 guests at 50 m was energy adjusted to account for 135 guests speaking indoors.

**APPENDIX B - BUILDING FAÇADE TRANSMISSION LOSS DATA**

Source Description	Sound Pressure Level (1/1 Octave Bands)										Total (dBA)
	31.5	63	125	250	500	1000	2000	4000	8000		
<b>The Fieldstone Barn - 7450 Middlebrook Road, Elora</b>											
West Façade - Indoor Sweep	98.5	98.5	95.7	95.2	93.7	91.9	89.9	87.5	84.9		97.4
West Façade - Outdoor Sweep	80.2	81.0	77.8	78.8	73.3	75.0	71.6	67.8	66.5		79.3
West Façade Transmission Loss	18.4	17.5	17.9	16.4	20.5	17.0	18.3	19.7	18.4		
West Façade - North Lower Opening - Indoor Sweep	87.6	89.5	84.6	82.2	78.0	72.0	66.6	61.2	55.1		79.3
West Façade - North Lower Opening - Outdoor Sweep	81.1	86.1	83.2	83.5	74.6	69.6	64.5	57.8	52.8		78.1
West Façade - North Lower Opening Transmission Loss	17.5	12.4	12.5	11.7	19.1	22.3	25.4	29.7	32.1		
West Façade - South Lower Opening - Indoor Sweep	88.3	91.9	86.2	80.1	78.0	75.0	75.8	70.1	66.1		82.0
West Façade - South Lower Opening - Outdoor Sweep	80.4	86.6	84.6	79.9	73.5	69.4	70.5	64.3	60.6		77.8
West Façade South Lower Opening - Transmission Loss	18.1	11.8	11.1	15.2	20.2	22.5	19.4	23.2	24.3		
North Façade - Indoor Sweep	96.8	99.4	95.8	95.1	92.7	90.5	88.7	85.7	83.3		96.2
North Façade - Outdoor Sweep	87.0	89.7	83.7	80.7	77.7	73.0	67.1	63.3	63.8		79.2
North Façade Transmission Loss	9.8	9.7	12.1	14.4	15.0	17.4	21.5	22.4	19.5		
East Façade - Indoor Sweep	98.4	98.5	94.5	95.0	93.6	92.3	89.9	87.2	84.2		97.4
East Façade - Outdoor Sweep	80.6	82.9	79.3	79.4	74.9	75.0	70.9	67.4	65.2		79.3
East Façade Transmission Loss	17.8	15.6	15.2	15.6	18.8	17.3	19.0	19.8	19.1		
Main South Façade - Indoor Sweep	96.9	99.3	95.9	95.2	93.3	91.3	88.9	86.0	84.0		96.7
Main South Façade - Outdoor Sweep	81.6	85.7	80.1	76.9	70.7	65.1	60.2	55.8	50.5		73.2
Main South Façade Transmission Loss	15.3	13.6	15.8	18.3	22.6	26.2	28.8	30.2	33.5		
Minor South Façade - Indoor Sweep	96.9	99.3	95.9	95.2	93.3	91.3	88.9	86.0	84.0		96.7
Minor South Façade - Outdoor Sweep	74.4	76.4	68.8	63.8	56.3	49.9	44.2	43.5	39.8		60.0
Minor South Façade - Transmission Loss	22.4	23.0	27.1	31.4	37.0	41.4	44.7	42.5	44.2		

**APPENDIX B - BUILDING REVERBERATION TIME**

Source Description	Average RT60 (s) (1/3 Octave Bands)																							
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000
<b>The Fieldstone Barn - 7450 Middlebrook Road, Elora</b>																								
Reverberation Time in Barn Structure	1.5	1.4	1.4	1.4	1.3	1.4	1.1	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.5

# Appendix C    Sample Calculations

## Noise Impact Assessment

7450 Middlebrook Road, Elora

The Fieldstone Barn

SLR Project No. 241.30541.00000

November 22, 2022



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Appendix C - Sample Calculations - Guest Voices - POR01

Receiver  
 Name: POR01  
 ID: POR01  
 X: 544893.91 m  
 Y: 4836611.89 m  
 Z: 401.50 m

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
6	544950.60	4836682.94	395.39	0	D	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
6	544950.60	4836682.94	395.39	0	N	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
6	544950.60	4836682.94	395.39	0	E	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
8	544938.67	4836693.75	396.02	0	D	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
8	544938.67	4836693.75	396.02	0	N	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
8	544938.67	4836693.75	396.02	0	E	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
10	544933.50	4836702.89	396.02	1	D	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
10	544933.50	4836702.89	396.02	1	N	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
10	544933.50	4836702.89	396.02	1	E	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
11	544936.91	4836696.25	396.06	1	D	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
11	544936.91	4836696.25	396.06	1	N	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
11	544936.91	4836696.25	396.06	1	E	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
13	544942.92	4836687.70	395.93	2	D	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
13	544942.92	4836687.70	395.93	2	N	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
13	544942.92	4836687.70	395.93	2	E	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
15	544945.44	4836686.36	395.74	2	D	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
15	544945.44	4836686.36	395.74	2	N	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
15	544945.44	4836686.36	395.74	2	E	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
17	544951.69	4836675.31	395.49	0	D	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
17	544951.69	4836675.31	395.49	0	N	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
17	544951.69	4836675.31	395.49	0	E	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
18	544963.04	4836664.97	394.41	0	D	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
18	544963.04	4836664.97	394.41	0	N	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
18	544963.04	4836664.97	394.41	0	E	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
20	544963.73	4836664.55	394.35	1	D	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
20	544963.73	4836664.55	394.35	1	N	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
20	544963.73	4836664.55	394.35	1	E	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
22	544938.95	4836681.52	396.68	2	D	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
22	544938.95	4836681.52	396.68	2	N	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
22	544938.95	4836681.52	396.68	2	E	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
24	544941.52	4836680.11	396.44	2	D	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
24	544941.52	4836680.11	396.44	2	N	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
24	544941.52	4836680.11	396.44	2	E	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
26	544963.72	4836664.79	394.35	1	D	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
26	544963.72	4836664.79	394.35	1	N	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
26	544963.72	4836664.79	394.35	1	E	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
27	544966.98	4836657.91	394.02	1	D	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
27	544966.98	4836657.91	394.02	1	N	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
27	544966.98	4836657.91	394.02	1	E	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
29	544968.54	4836654.54	393.85	1	D	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
29	544968.54	4836654.54	393.85	1	N	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
29	544968.54	4836654.54	393.85	1	E	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
30	544930.39	4836695.05	396.78	0	D	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
30	544930.39	4836695.05	396.78	0	N	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
30	544930.39	4836695.05	396.78	0	E	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
32	544929.81	4836700.02	396.54	1	D	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
32	544929.81	4836700.02	396.54	1	N	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
32	544929.81	4836700.02	396.54	1	E	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
34	544930.64	4836692.59	396.90	1	D	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
34	544930.64	4836692.59	396.90	1	N	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
34	544930.64	4836692.59	396.90	1	E	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
35	544929.29	4836697.73	396.72	1	D	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9

Appendix C - Sample Calculations - Guest Voices - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
35	544929.29	4836697.73	396.72	1	N	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9
35	544929.29	4836697.73	396.72	1	E	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9
43	544973.69	4836661.48	393.51	0	D	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
43	544973.69	4836661.48	393.51	0	N	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
43	544973.69	4836661.48	393.51	0	E	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
46	544973.32	4836667.03	393.63	1	D	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
46	544973.32	4836667.03	393.63	1	N	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
46	544973.32	4836667.03	393.63	1	E	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
47	544973.83	4836663.29	393.53	1	D	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
47	544973.83	4836663.29	393.53	1	N	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
47	544973.83	4836663.29	393.53	1	E	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
49	544974.22	4836660.30	393.44	1	D	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
49	544974.22	4836660.30	393.44	1	N	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
49	544974.22	4836660.30	393.44	1	E	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
51	544972.73	4836657.13	393.53	1	D	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
51	544972.73	4836657.13	393.53	1	N	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
51	544972.73	4836657.13	393.53	1	E	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
65	544970.69	4836664.44	393.81	0	D	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
65	544970.69	4836664.44	393.81	0	N	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
65	544970.69	4836664.44	393.81	0	E	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
67	544970.62	4836669.22	393.88	1	D	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
67	544970.62	4836669.22	393.88	1	N	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
67	544970.62	4836669.22	393.88	1	E	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
70	544970.68	4836668.81	393.87	1	D	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
70	544970.68	4836668.81	393.87	1	N	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
70	544970.68	4836668.81	393.87	1	E	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
71	544971.10	4836665.58	393.79	1	D	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
71	544971.10	4836665.58	393.79	1	N	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
71	544971.10	4836665.58	393.79	1	E	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
73	544970.57	4836661.15	393.78	1	D	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
73	544970.57	4836661.15	393.78	1	N	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
73	544970.57	4836661.15	393.78	1	E	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
74	544969.93	4836655.82	393.76	1	D	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
74	544969.93	4836655.82	393.76	1	N	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
74	544969.93	4836655.82	393.76	1	E	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
85	544968.70	4836666.41	393.95	0	D	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
85	544968.70	4836666.41	393.95	0	N	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
85	544968.70	4836666.41	393.95	0	E	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
87	544968.68	4836668.01	393.97	1	D	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
87	544968.68	4836668.01	393.97	1	N	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
87	544968.68	4836668.01	393.97	1	E	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
89	544968.12	4836672.30	394.04	1	D	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
89	544968.12	4836672.30	394.04	1	N	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
89	544968.12	4836672.30	394.04	1	E	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
90	544968.73	4836667.32	393.96	1	D	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
90	544968.73	4836667.32	393.96	1	N	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
90	544968.73	4836667.32	393.96	1	E	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
92	544969.12	4836659.84	393.86	1	D	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
92	544969.12	4836659.84	393.86	1	N	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
92	544969.12	4836659.84	393.86	1	E	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
93	544969.36	4836655.30	393.79	1	D	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
93	544969.36	4836655.30	393.79	1	N	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
93	544969.36	4836655.30	393.79	1	E	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
99	544958.13	4836661.57	394.92	0	D	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
99	544958.13	4836661.57	394.92	0	N	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
99	544958.13	4836661.57	394.92	0	E	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
101	544958.74	4836660.80	394.86	1	D	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
101	544958.74	4836660.80	394.86	1	N	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
101	544958.74	4836660.80	394.86	1	E	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
103	544958.09	4836661.33	394.93	1	D	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
103	544958.09	4836661.33	394.93	1	N	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
103	544958.09	4836661.33	394.93	1	E	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
105	544967.74	4836653.79	393.94	1	D	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4

Appendix C - Sample Calculations - Guest Voices - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
105	544967.74	4836653.79	393.94	1	N	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4
105	544967.74	4836653.79	393.94	1	E	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4
106	544964.88	4836656.02	394.23	1	D	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
106	544964.88	4836656.02	394.23	1	N	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
106	544964.88	4836656.02	394.23	1	E	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
108	544960.52	4836659.42	394.68	1	D	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
108	544960.52	4836659.42	394.68	1	N	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
108	544960.52	4836659.42	394.68	1	E	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
110	544956.98	4836662.36	395.04	1	D	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
110	544956.98	4836662.36	395.04	1	N	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
110	544956.98	4836662.36	395.04	1	E	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
111	544964.68	4836654.90	394.25	0	D	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
111	544964.68	4836654.90	394.25	0	N	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
111	544964.68	4836654.90	394.25	0	E	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
114	544958.33	4836660.26	394.93	1	D	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
114	544958.33	4836660.26	394.93	1	N	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
114	544958.33	4836660.26	394.93	1	E	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
115	544968.30	4836652.33	393.87	1	D	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
115	544968.30	4836652.33	393.87	1	N	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
115	544968.30	4836652.33	393.87	1	E	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
117	544966.88	4836652.98	394.01	1	D	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
117	544966.88	4836652.98	394.01	1	N	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
117	544966.88	4836652.98	394.01	1	E	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
118	544964.48	4836655.02	394.27	1	D	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
118	544964.48	4836655.02	394.27	1	N	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
118	544964.48	4836655.02	394.27	1	E	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
120	544961.00	4836657.98	394.64	1	D	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
120	544961.00	4836657.98	394.64	1	N	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
120	544961.00	4836657.98	394.64	1	E	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
124	544950.87	4836689.66	395.04	0	D	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
124	544950.87	4836689.66	395.04	0	N	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
124	544950.87	4836689.66	395.04	0	E	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
126	544934.83	4836703.92	395.83	1	D	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
126	544934.83	4836703.92	395.83	1	N	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
126	544934.83	4836703.92	395.83	1	E	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
128	544940.25	4836699.14	395.57	1	D	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
128	544940.25	4836699.14	395.57	1	N	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
128	544940.25	4836699.14	395.57	1	E	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
130	544946.80	4836693.36	395.25	2	D	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
130	544946.80	4836693.36	395.25	2	N	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
130	544946.80	4836693.36	395.25	2	E	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
131	544948.90	4836691.51	395.15	2	D	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
131	544948.90	4836691.51	395.15	2	N	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
131	544948.90	4836691.51	395.15	2	E	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
139	544928.03	4836701.16	396.63	0	D	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
139	544928.03	4836701.16	396.63	0	N	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
139	544928.03	4836701.16	396.63	0	E	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
140	544927.80	4836700.62	396.68	1	D	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
140	544927.80	4836700.62	396.68	1	N	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
140	544927.80	4836700.62	396.68	1	E	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
142	544929.72	4836705.11	396.26	1	D	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
142	544929.72	4836705.11	396.26	1	N	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
142	544929.72	4836705.11	396.26	1	E	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
144	544926.31	4836695.90	397.08	1	D	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
144	544926.31	4836695.90	397.08	1	N	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
144	544926.31	4836695.90	397.08	1	E	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
151	544954.62	4836665.75	395.23	0	D	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
151	544954.62	4836665.75	395.23	0	N	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
151	544954.62	4836665.75	395.23	0	E	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
153	544943.27	4836676.09	396.31	0	D	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
153	544943.27	4836676.09	396.31	0	N	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
153	544943.27	4836676.09	396.31	0	E	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
155	544959.38	4836661.51	394.75	1	D	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7

Appendix C - Sample Calculations - Guest Voices - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
155	544959.38	4836661.51	394.75	1	N	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7
155	544959.38	4836661.51	394.75	1	E	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7
157	544938.36	4836680.64	396.76	2	D	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
157	544938.36	4836680.64	396.76	2	N	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
157	544938.36	4836680.64	396.76	2	E	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
159	544940.51	4836678.57	396.59	2	D	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
159	544940.51	4836678.57	396.59	2	N	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
159	544940.51	4836678.57	396.59	2	E	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
161	544967.85	4836653.90	393.92	1	D	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
161	544967.85	4836653.90	393.92	1	N	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
161	544967.85	4836653.90	393.92	1	E	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
162	544965.19	4836656.30	394.18	1	D	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
162	544965.19	4836656.30	394.18	1	N	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
162	544965.19	4836656.30	394.18	1	E	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
164	544959.61	4836661.31	394.73	1	D	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
164	544959.61	4836661.31	394.73	1	N	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
164	544959.61	4836661.31	394.73	1	E	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
188	544925.54	4836698.67	397.00	0	D	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
188	544925.54	4836698.67	397.00	0	N	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
188	544925.54	4836698.67	397.00	0	E	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
189	544925.48	4836698.32	397.03	1	D	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
189	544925.48	4836698.32	397.03	1	N	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
189	544925.48	4836698.32	397.03	1	E	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
191	544926.04	4836701.45	396.81	1	D	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
191	544926.04	4836701.45	396.81	1	N	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
191	544926.04	4836701.45	396.81	1	E	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
193	544925.53	4836695.30	397.19	1	D	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
193	544925.53	4836695.30	397.19	1	N	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
193	544925.53	4836695.30	397.19	1	E	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
201	544952.85	4836666.95	395.44	0	D	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
201	544952.85	4836666.95	395.44	0	N	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
201	544952.85	4836666.95	395.44	0	E	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
203	544959.20	4836661.39	394.80	1	D	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
203	544959.20	4836661.39	394.80	1	N	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
203	544959.20	4836661.39	394.80	1	E	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
205	544967.83	4836653.88	393.92	1	D	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
205	544967.83	4836653.88	393.92	1	N	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
205	544967.83	4836653.88	393.92	1	E	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
207	544965.33	4836656.05	394.18	1	D	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
207	544965.33	4836656.05	394.18	1	N	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
207	544965.33	4836656.05	394.18	1	E	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
209	544963.86	4836657.33	394.32	1	D	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
209	544963.86	4836657.33	394.32	1	N	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
209	544963.86	4836657.33	394.32	1	E	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
210	544959.44	4836661.17	394.77	1	D	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
210	544959.44	4836661.17	394.77	1	N	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
210	544959.44	4836661.17	394.77	1	E	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
225	544933.78	4836691.60	396.68	0	D	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
225	544933.78	4836691.60	396.68	0	N	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
225	544933.78	4836691.60	396.68	0	E	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
227	544932.14	4836701.83	396.23	1	D	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
227	544932.14	4836701.83	396.23	1	N	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
227	544932.14	4836701.83	396.23	1	E	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
228	544933.50	4836693.31	396.61	1	D	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
228	544933.50	4836693.31	396.61	1	N	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
228	544933.50	4836693.31	396.61	1	E	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
230	544935.85	4836704.54	395.80	0	D	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
230	544935.85	4836704.54	395.80	0	N	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
230	544935.85	4836704.54	395.80	0	E	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
232	544932.44	4836706.99	395.98	1	D	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
232	544932.44	4836706.99	395.98	1	N	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
232	544932.44	4836706.99	395.98	1	E	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
233	544935.04	4836705.25	395.85	1	D	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1



Appendix C - Sample Calculations - Guest Voices - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
233	544935.04	4836705.25	395.85	1	N	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1
233	544935.04	4836705.25	395.85	1	E	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1
235	544938.18	4836702.61	395.66	1	D	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
235	544938.18	4836702.61	395.66	1	N	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
235	544938.18	4836702.61	395.66	1	E	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
260	544923.71	4836696.83	397.30	0	D	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
260	544923.71	4836696.83	397.30	0	N	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
260	544923.71	4836696.83	397.30	0	E	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
261	544923.75	4836696.68	397.30	1	D	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
261	544923.75	4836696.68	397.30	1	N	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
261	544923.75	4836696.68	397.30	1	E	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
263	544923.18	4836698.68	397.25	1	D	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
263	544923.18	4836698.68	397.25	1	N	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
263	544923.18	4836698.68	397.25	1	E	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
264	544924.85	4836694.76	397.29	1	D	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
264	544924.85	4836694.76	397.29	1	N	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
264	544924.85	4836694.76	397.29	1	E	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
274	544940.89	4836699.55	395.52	0	D	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
274	544940.89	4836699.55	395.52	0	N	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
274	544940.89	4836699.55	395.52	0	E	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
276	544935.09	4836704.12	395.81	1	D	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
276	544935.09	4836704.12	395.81	1	N	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
276	544935.09	4836704.12	395.81	1	E	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
277	544939.24	4836700.94	395.60	1	D	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
277	544939.24	4836700.94	395.60	1	N	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
277	544939.24	4836700.94	395.60	1	E	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
279	544943.20	4836697.74	395.40	1	D	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
279	544943.20	4836697.74	395.40	1	N	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
279	544943.20	4836697.74	395.40	1	E	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
280	544947.09	4836694.25	395.24	2	D	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
280	544947.09	4836694.25	395.24	2	N	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
280	544947.09	4836694.25	395.24	2	E	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
282	544948.45	4836693.02	395.18	2	D	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
282	544948.45	4836693.02	395.18	2	N	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
282	544948.45	4836693.02	395.18	2	E	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
339	544974.14	4836657.68	393.45	0	D	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
339	544974.14	4836657.68	393.45	0	N	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
339	544974.14	4836657.68	393.45	0	E	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
342	544974.14	4836657.68	393.45	1	D	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
342	544974.14	4836657.68	393.45	1	N	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
342	544974.14	4836657.68	393.45	1	E	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
354	544977.46	4836660.98	393.21	0	D	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
354	544977.46	4836660.98	393.21	0	N	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
354	544977.46	4836660.98	393.21	0	E	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
357	544977.46	4836660.98	393.21	1	D	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
357	544977.46	4836660.98	393.21	1	N	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
357	544977.46	4836660.98	393.21	1	E	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
371	544945.62	4836694.86	395.33	0	D	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
371	544945.62	4836694.86	395.33	0	N	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
371	544945.62	4836694.86	395.33	0	E	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
373	544934.90	4836703.97	395.83	1	D	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
373	544934.90	4836703.97	395.83	1	N	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
373	544934.90	4836703.97	395.83	1	E	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
374	544940.42	4836699.29	395.57	1	D	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
374	544940.42	4836699.29	395.57	1	N	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
374	544940.42	4836699.29	395.57	1	E	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
376	544947.02	4836693.68	395.26	2	D	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
376	544947.02	4836693.68	395.26	2	N	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
376	544947.02	4836693.68	395.26	2	E	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
377	544949.14	4836691.88	395.17	2	D	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
377	544949.14	4836691.88	395.17	2	N	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
377	544949.14	4836691.88	395.17	2	E	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
404	544933.39	4836692.00	396.70	0	D	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2

Appendix C - Sample Calculations - Guest Voices - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
404	544933.39	4836692.00	396.70	0	N	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2
404	544933.39	4836692.00	396.70	0	E	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2
406	544932.04	4836701.76	396.25	1	D	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
406	544932.04	4836701.76	396.25	1	N	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
406	544932.04	4836701.76	396.25	1	E	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
407	544933.24	4836693.08	396.65	1	D	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
407	544933.24	4836693.08	396.65	1	N	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
407	544933.24	4836693.08	396.65	1	E	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
420	544968.02	4836651.50	393.88	0	D	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
420	544968.02	4836651.50	393.88	0	N	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
420	544968.02	4836651.50	393.88	0	E	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
422	544968.02	4836651.50	393.88	1	D	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
422	544968.02	4836651.50	393.88	1	N	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
422	544968.02	4836651.50	393.88	1	E	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
427	544944.28	4836696.19	395.37	0	D	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
427	544944.28	4836696.19	395.37	0	N	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
427	544944.28	4836696.19	395.37	0	E	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
428	544934.93	4836704.00	395.82	1	D	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
428	544934.93	4836704.00	395.82	1	N	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
428	544934.93	4836704.00	395.82	1	E	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
430	544940.50	4836699.35	395.55	1	D	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
430	544940.50	4836699.35	395.55	1	N	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
430	544940.50	4836699.35	395.55	1	E	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
431	544947.12	4836693.82	395.23	2	D	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
431	544947.12	4836693.82	395.23	2	N	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
431	544947.12	4836693.82	395.23	2	E	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
433	544949.10	4836692.16	395.13	2	D	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
433	544949.10	4836692.16	395.13	2	N	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
433	544949.10	4836692.16	395.13	2	E	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
434	544950.23	4836691.21	395.08	2	D	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
434	544950.23	4836691.21	395.08	2	N	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
434	544950.23	4836691.21	395.08	2	E	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
436	544943.46	4836697.00	395.42	0	D	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
436	544943.46	4836697.00	395.42	0	N	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
436	544943.46	4836697.00	395.42	0	E	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
438	544934.96	4836704.01	395.83	1	D	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
438	544934.96	4836704.01	395.83	1	N	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
438	544934.96	4836704.01	395.83	1	E	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
439	544940.55	4836699.40	395.56	1	D	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
439	544940.55	4836699.40	395.56	1	N	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
439	544940.55	4836699.40	395.56	1	E	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
441	544947.19	4836693.93	395.24	2	D	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
441	544947.19	4836693.93	395.24	2	N	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
441	544947.19	4836693.93	395.24	2	E	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
442	544948.52	4836692.83	395.18	2	D	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
442	544948.52	4836692.83	395.18	2	N	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
442	544948.52	4836692.83	395.18	2	E	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
443	544949.30	4836692.15	395.14	2	D	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
443	544949.30	4836692.15	395.14	2	N	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
443	544949.30	4836692.15	395.14	2	E	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
447	544932.65	4836707.70	396.00	0	D	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
447	544932.65	4836707.70	396.00	0	N	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
447	544932.65	4836707.70	396.00	0	E	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
448	544932.65	4836707.70	396.00	1	D	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
448	544932.65	4836707.70	396.00	1	N	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
448	544932.65	4836707.70	396.00	1	E	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
449	544953.25	4836665.32	395.45	0	D	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
449	544953.25	4836665.32	395.45	0	N	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
449	544953.25	4836665.32	395.45	0	E	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
450	544957.49	4836661.00	395.02	1	D	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
450	544957.49	4836661.00	395.02	1	N	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
450	544957.49	4836661.00	395.02	1	E	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
451	544956.08	4836662.44	395.18	1	D	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8

Appendix C - Sample Calculations - Guest Voices - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
451	544956.08	4836662.44	395.18	1	N	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8
451	544956.08	4836662.44	395.18	1	E	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8
456	544962.78	4836655.62	394.46	0	D	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
456	544962.78	4836655.62	394.46	0	N	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
456	544962.78	4836655.62	394.46	0	E	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
457	544958.26	4836660.22	394.94	1	D	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
457	544958.26	4836660.22	394.94	1	N	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
457	544958.26	4836660.22	394.94	1	E	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
458	544965.81	4836652.53	394.12	1	D	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
458	544965.81	4836652.53	394.12	1	N	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
458	544965.81	4836652.53	394.12	1	E	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
459	544964.48	4836653.89	394.28	1	D	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
459	544964.48	4836653.89	394.28	1	N	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
459	544964.48	4836653.89	394.28	1	E	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
460	544963.06	4836655.33	394.43	1	D	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
460	544963.06	4836655.33	394.43	1	N	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
460	544963.06	4836655.33	394.43	1	E	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
461	544960.71	4836657.72	394.68	1	D	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
461	544960.71	4836657.72	394.68	1	N	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
461	544960.71	4836657.72	394.68	1	E	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
463	544945.25	4836696.23	395.31	0	D	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
463	544945.25	4836696.23	395.31	0	N	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
463	544945.25	4836696.23	395.31	0	E	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
464	544943.74	4836697.73	395.37	1	D	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
464	544943.74	4836697.73	395.37	1	N	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
464	544943.74	4836697.73	395.37	1	E	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
465	544944.56	4836696.91	395.34	1	D	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
465	544944.56	4836696.91	395.34	1	N	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
465	544944.56	4836696.91	395.34	1	E	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
466	544947.15	4836694.35	395.24	2	D	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
466	544947.15	4836694.35	395.24	2	N	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
466	544947.15	4836694.35	395.24	2	E	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
467	544948.47	4836693.05	395.18	2	D	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
467	544948.47	4836693.05	395.18	2	N	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
467	544948.47	4836693.05	395.18	2	E	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
468	544970.94	4836670.79	393.89	0	D	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
468	544970.94	4836670.79	393.89	0	N	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
468	544970.94	4836670.79	393.89	0	E	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
469	544971.57	4836670.17	393.83	1	D	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
469	544971.57	4836670.17	393.83	1	N	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
469	544971.57	4836670.17	393.83	1	E	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
470	544970.94	4836670.79	393.89	1	D	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
470	544970.94	4836670.79	393.89	1	N	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
470	544970.94	4836670.79	393.89	1	E	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
472	544946.82	4836694.68	395.25	0	D	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
472	544946.82	4836694.68	395.25	0	N	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
472	544946.82	4836694.68	395.25	0	E	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
473	544944.61	4836696.86	395.36	1	D	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
473	544944.61	4836696.86	395.36	1	N	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
473	544944.61	4836696.86	395.36	1	E	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
474	544946.79	4836694.71	395.25	2	D	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
474	544946.79	4836694.71	395.25	2	N	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
474	544946.79	4836694.71	395.25	2	E	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
475	544947.60	4836693.90	395.22	2	D	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
475	544947.60	4836693.90	395.22	2	N	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
475	544947.60	4836693.90	395.22	2	E	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
476	544948.47	4836693.05	395.18	2	D	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
476	544948.47	4836693.05	395.18	2	N	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
476	544948.47	4836693.05	395.18	2	E	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
478	544939.24	4836702.18	395.62	0	D	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
478	544939.24	4836702.18	395.62	0	N	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
478	544939.24	4836702.18	395.62	0	E	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
479	544936.58	4836704.81	395.81	1	D	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3

Appendix C - Sample Calculations - Guest Voices - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
479	544936.58	4836704.81	395.81	1	N	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3
479	544936.58	4836704.81	395.81	1	E	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3
480	544939.42	4836702.00	395.61	1	D	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
480	544939.42	4836702.00	395.61	1	N	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
480	544939.42	4836702.00	395.61	1	E	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
481	544941.80	4836699.65	395.44	1	D	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
481	544941.80	4836699.65	395.44	1	N	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
481	544941.80	4836699.65	395.44	1	E	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
482	544925.21	4836700.91	396.91	0	D	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
482	544925.21	4836700.91	396.91	0	N	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
482	544925.21	4836700.91	396.91	0	E	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
483	544925.21	4836700.91	396.91	1	D	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1
483	544925.21	4836700.91	396.91	1	N	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1
483	544925.21	4836700.91	396.91	1	E	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
37	544951.15	4836680.14	395.33	0	D	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
37	544951.15	4836680.14	395.33	0	N	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
37	544951.15	4836680.14	395.33	0	E	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
39	544930.50	4836700.86	396.35	0	D	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
39	544930.50	4836700.86	396.35	0	N	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
39	544930.50	4836700.86	396.35	0	E	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
40	544929.63	4836701.73	396.41	1	D	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
40	544929.63	4836701.73	396.41	1	N	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
40	544929.63	4836701.73	396.41	1	E	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
42	544932.50	4836698.86	396.23	1	D	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
42	544932.50	4836698.86	396.23	1	N	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
42	544932.50	4836698.86	396.23	1	E	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
53	544944.25	4836687.09	395.80	0	D	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
53	544944.25	4836687.09	395.80	0	N	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
53	544944.25	4836687.09	395.80	0	E	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
54	544943.23	4836688.12	395.85	2	D	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
54	544943.23	4836688.12	395.85	2	N	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
54	544943.23	4836688.12	395.85	2	E	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
56	544945.28	4836686.05	395.75	2	D	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
56	544945.28	4836686.05	395.75	2	N	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
56	544945.28	4836686.05	395.75	2	E	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
57	544959.23	4836672.01	394.80	0	D	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
57	544959.23	4836672.01	394.80	0	N	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
57	544959.23	4836672.01	394.80	0	E	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
59	544966.29	4836664.90	394.27	0	D	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
59	544966.29	4836664.90	394.27	0	N	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
59	544966.29	4836664.90	394.27	0	E	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
62	544965.46	4836665.74	394.35	1	D	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
62	544965.46	4836665.74	394.35	1	N	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
62	544965.46	4836665.74	394.35	1	E	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
63	544966.29	4836664.90	394.27	1	D	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
63	544966.29	4836664.90	394.27	1	N	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
63	544966.29	4836664.90	394.27	1	E	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
76	544937.49	4836693.87	396.05	0	D	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
76	544937.49	4836693.87	396.05	0	N	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
76	544937.49	4836693.87	396.05	0	E	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
78	544937.30	4836694.05	396.06	1	D	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
78	544937.30	4836694.05	396.06	1	N	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
78	544937.30	4836694.05	396.06	1	E	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
80	544970.75	4836660.41	393.80	0	D	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
80	544970.75	4836660.41	393.80	0	N	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
80	544970.75	4836660.41	393.80	0	E	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
82	544970.43	4836660.74	393.83	1	D	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7
82	544970.43	4836660.74	393.83	1	N	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7
82	544970.43	4836660.74	393.83	1	E	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7

Appendix C - Sample Calculations - Guest Voices - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
84	544972.27	4836658.88	393.63	1	D	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
84	544972.27	4836658.88	393.63	1	N	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
84	544972.27	4836658.88	393.63	1	E	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
95	544929.79	4836723.63	395.79	0	D	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
95	544929.79	4836723.63	395.79	0	N	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
95	544929.79	4836723.63	395.79	0	E	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
97	544929.79	4836723.63	395.79	1	D	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
97	544929.79	4836723.63	395.79	1	N	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
97	544929.79	4836723.63	395.79	1	E	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
122	545037.05	4836684.99	389.55	0	D	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
122	545037.05	4836684.99	389.55	0	N	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
122	545037.05	4836684.99	389.55	0	E	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
133	544992.44	4836740.04	396.12	0	D	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
133	544992.44	4836740.04	396.12	0	N	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
133	544992.44	4836740.04	396.12	0	E	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
135	544990.15	4836743.71	396.37	0	D	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
135	544990.15	4836743.71	396.37	0	N	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
135	544990.15	4836743.71	396.37	0	E	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
137	544989.60	4836744.58	396.43	1	D	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
137	544989.60	4836744.58	396.43	1	N	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
137	544989.60	4836744.58	396.43	1	E	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
145	544926.00	4836705.58	396.61	0	D	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
145	544926.00	4836705.58	396.61	0	N	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
145	544926.00	4836705.58	396.61	0	E	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
147	544926.00	4836705.58	396.61	1	D	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
147	544926.00	4836705.58	396.61	1	N	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
147	544926.00	4836705.58	396.61	1	E	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
149	545043.31	4836677.32	388.46	0	D	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
149	545043.31	4836677.32	388.46	0	N	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
149	545043.31	4836677.32	388.46	0	E	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
166	545022.35	4836701.71	391.72	0	D	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
166	545022.35	4836701.71	391.72	0	N	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
166	545022.35	4836701.71	391.72	0	E	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
168	545020.60	4836703.62	391.93	1	D	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
168	545020.60	4836703.62	391.93	1	N	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
168	545020.60	4836703.62	391.93	1	E	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
169	545023.32	4836700.66	391.60	2	D	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
169	545023.32	4836700.66	391.60	2	N	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
169	545023.32	4836700.66	391.60	2	E	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
171	545022.47	4836701.58	391.70	1	D	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
171	545022.47	4836701.58	391.70	1	N	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
171	545022.47	4836701.58	391.70	1	E	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
173	545020.20	4836704.07	391.98	1	D	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
173	545020.20	4836704.07	391.98	1	N	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
173	545020.20	4836704.07	391.98	1	E	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
174	545022.64	4836701.39	391.68	2	D	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
174	545022.64	4836701.39	391.68	2	N	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
174	545022.64	4836701.39	391.68	2	E	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
176	545020.34	4836703.92	391.96	2	D	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
176	545020.34	4836703.92	391.96	2	N	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
176	545020.34	4836703.92	391.96	2	E	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
178	545009.25	4836715.28	393.26	0	D	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
178	545009.25	4836715.28	393.26	0	N	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
178	545009.25	4836715.28	393.26	0	E	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
180	544962.89	4836668.33	394.57	0	D	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
180	544962.89	4836668.33	394.57	0	N	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
180	544962.89	4836668.33	394.57	0	E	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
181	544962.93	4836668.28	394.57	1	D	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
181	544962.93	4836668.28	394.57	1	N	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
181	544962.93	4836668.28	394.57	1	E	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
183	545030.69	4836692.38	390.54	0	D	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3
183	545030.69	4836692.38	390.54	0	N	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3
183	545030.69	4836692.38	390.54	0	E	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3

Appendix C - Sample Calculations - Guest Voices - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
185	545028.45	4836694.99	390.87	0	D	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
185	545028.45	4836694.99	390.87	0	N	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
185	545028.45	4836694.99	390.87	0	E	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
195	544985.80	4836748.58	396.79	0	D	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
195	544985.80	4836748.58	396.79	0	N	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
195	544985.80	4836748.58	396.79	0	E	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
197	545048.99	4836670.08	387.68	0	D	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
197	545048.99	4836670.08	387.68	0	N	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
197	545048.99	4836670.08	387.68	0	E	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
199	544940.58	4836690.78	395.97	0	D	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
199	544940.58	4836690.78	395.97	0	N	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
199	544940.58	4836690.78	395.97	0	E	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
213	544935.05	4836731.20	395.37	0	D	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
213	544935.05	4836731.20	395.37	0	N	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
213	544935.05	4836731.20	395.37	0	E	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
215	544955.72	4836675.54	395.00	0	D	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
215	544955.72	4836675.54	395.00	0	N	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
215	544955.72	4836675.54	395.00	0	E	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
217	544973.27	4836657.88	393.56	0	D	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
217	544973.27	4836657.88	393.56	0	N	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
217	544973.27	4836657.88	393.56	0	E	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
219	544973.27	4836657.88	393.56	1	D	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
219	544973.27	4836657.88	393.56	1	N	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
219	544973.27	4836657.88	393.56	1	E	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
221	544978.85	4836754.03	397.00	0	D	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
221	544978.85	4836754.03	397.00	0	N	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
221	544978.85	4836754.03	397.00	0	E	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
223	544997.23	4836728.96	395.20	0	D	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
223	544997.23	4836728.96	395.20	0	N	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
223	544997.23	4836728.96	395.20	0	E	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
237	544934.67	4836696.69	396.11	0	D	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
237	544934.67	4836696.69	396.11	0	N	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
237	544934.67	4836696.69	396.11	0	E	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
239	544934.67	4836696.69	396.11	1	D	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
239	544934.67	4836696.69	396.11	1	N	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
239	544934.67	4836696.69	396.11	1	E	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
240	544927.77	4836718.82	396.00	0	D	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
240	544927.77	4836718.82	396.00	0	N	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
240	544927.77	4836718.82	396.00	0	E	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
241	544927.77	4836718.82	396.00	1	D	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
241	544927.77	4836718.82	396.00	1	N	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
241	544927.77	4836718.82	396.00	1	E	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
243	545013.48	4836711.20	392.82	0	D	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
243	545013.48	4836711.20	392.82	0	N	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
243	545013.48	4836711.20	392.82	0	E	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
245	545014.16	4836710.54	392.76	1	D	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
245	545014.16	4836710.54	392.76	1	N	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
245	545014.16	4836710.54	392.76	1	E	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
247	544957.53	4836753.16	397.39	0	D	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
247	544957.53	4836753.16	397.39	0	N	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
247	544957.53	4836753.16	397.39	0	E	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
248	544924.52	4836711.66	396.48	0	D	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
248	544924.52	4836711.66	396.48	0	N	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
248	544924.52	4836711.66	396.48	0	E	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
250	544924.52	4836711.66	396.48	1	D	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
250	544924.52	4836711.66	396.48	1	N	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
250	544924.52	4836711.66	396.48	1	E	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
252	544995.81	4836733.44	395.56	0	D	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
252	544995.81	4836733.44	395.56	0	N	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
252	544995.81	4836733.44	395.56	0	E	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
253	544937.54	4836733.31	395.27	0	D	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
253	544937.54	4836733.31	395.27	0	N	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
253	544937.54	4836733.31	395.27	0	E	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7

Appendix C - Sample Calculations - Guest Voices - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
255	545026.08	4836697.63	391.22	0	D	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
255	545026.08	4836697.63	391.22	0	N	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
255	545026.08	4836697.63	391.22	0	E	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
258	545024.86	4836698.97	391.41	2	D	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
258	545024.86	4836698.97	391.41	2	N	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
258	545024.86	4836698.97	391.41	2	E	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
266	545067.69	4836647.17	384.64	0	D	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
266	545067.69	4836647.17	384.64	0	N	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
266	545067.69	4836647.17	384.64	0	E	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
268	544931.65	4836727.49	395.62	0	D	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
268	544931.65	4836727.49	395.62	0	N	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
268	544931.65	4836727.49	395.62	0	E	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
269	544931.03	4836726.56	395.68	1	D	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
269	544931.03	4836726.56	395.68	1	N	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
269	544931.03	4836726.56	395.68	1	E	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
271	544926.92	4836716.85	396.07	0	D	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
271	544926.92	4836716.85	396.07	0	N	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
271	544926.92	4836716.85	396.07	0	E	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
273	544926.92	4836716.85	396.07	1	D	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
273	544926.92	4836716.85	396.07	1	N	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
273	544926.92	4836716.85	396.07	1	E	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
283	545053.58	4836664.22	386.79	0	D	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
283	545053.58	4836664.22	386.79	0	N	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
283	545053.58	4836664.22	386.79	0	E	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
286	545016.38	4836708.24	392.53	0	D	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
286	545016.38	4836708.24	392.53	0	N	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
286	545016.38	4836708.24	392.53	0	E	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
288	545016.38	4836708.24	392.53	1	D	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
288	545016.38	4836708.24	392.53	1	N	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
288	545016.38	4836708.24	392.53	1	E	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
290	545019.37	4836704.97	392.11	0	D	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
290	545019.37	4836704.97	392.11	0	N	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
290	545019.37	4836704.97	392.11	0	E	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
291	545018.15	4836706.31	392.31	0	D	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
291	545018.15	4836706.31	392.31	0	N	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
291	545018.15	4836706.31	392.31	0	E	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
293	545019.71	4836704.60	392.05	1	D	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
293	545019.71	4836704.60	392.05	1	N	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
293	545019.71	4836704.60	392.05	1	E	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
295	545018.83	4836705.57	392.20	1	D	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
295	545018.83	4836705.57	392.20	1	N	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
295	545018.83	4836705.57	392.20	1	E	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
296	545019.41	4836704.92	392.10	2	D	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
296	545019.41	4836704.92	392.10	2	N	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
296	545019.41	4836704.92	392.10	2	E	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
298	545001.05	4836723.36	394.85	0	D	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
298	545001.05	4836723.36	394.85	0	N	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
298	545001.05	4836723.36	394.85	0	E	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
299	544943.13	4836738.34	395.41	0	D	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
299	544943.13	4836738.34	395.41	0	N	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
299	544943.13	4836738.34	395.41	0	E	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
301	544939.55	4836735.01	395.26	0	D	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
301	544939.55	4836735.01	395.26	0	N	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
301	544939.55	4836735.01	395.26	0	E	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
303	544941.32	4836736.61	395.28	0	D	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
303	544941.32	4836736.61	395.28	0	N	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
303	544941.32	4836736.61	395.28	0	E	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
304	544932.98	4836729.25	395.51	0	D	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
304	544932.98	4836729.25	395.51	0	N	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
304	544932.98	4836729.25	395.51	0	E	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
306	545057.53	4836659.29	386.21	0	D	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2
306	545057.53	4836659.29	386.21	0	N	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2
306	545057.53	4836659.29	386.21	0	E	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2

Appendix C - Sample Calculations - Guest Voices - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
308	545060.02	4836656.32	385.75	0	D	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
308	545060.02	4836656.32	385.75	0	N	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
308	545060.02	4836656.32	385.75	0	E	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
311	544924.19	4836710.04	396.59	0	D	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
311	544924.19	4836710.04	396.59	0	N	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
311	544924.19	4836710.04	396.59	0	E	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
313	544924.19	4836710.04	396.59	1	D	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
313	544924.19	4836710.04	396.59	1	N	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
313	544924.19	4836710.04	396.59	1	E	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
314	545005.74	4836718.67	393.76	0	D	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
314	545005.74	4836718.67	393.76	0	N	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
314	545005.74	4836718.67	393.76	0	E	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
316	544960.17	4836755.94	397.65	0	D	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
316	544960.17	4836755.94	397.65	0	N	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
316	544960.17	4836755.94	397.65	0	E	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
318	544925.16	4836713.22	396.35	0	D	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
318	544925.16	4836713.22	396.35	0	N	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
318	544925.16	4836713.22	396.35	0	E	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
319	544925.16	4836713.22	396.35	1	D	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
319	544925.16	4836713.22	396.35	1	N	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
319	544925.16	4836713.22	396.35	1	E	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
321	544972.12	4836757.76	397.19	0	D	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
321	544972.12	4836757.76	397.19	0	N	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
321	544972.12	4836757.76	397.19	0	E	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
323	544944.90	4836740.03	395.58	0	D	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
323	544944.90	4836740.03	395.58	0	N	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
323	544944.90	4836740.03	395.58	0	E	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
325	544924.30	4836708.75	396.64	0	D	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
325	544924.30	4836708.75	396.64	0	N	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
325	544924.30	4836708.75	396.64	0	E	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
326	544924.30	4836708.75	396.64	1	D	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
326	544924.30	4836708.75	396.64	1	N	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
326	544924.30	4836708.75	396.64	1	E	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
328	544951.41	4836746.43	396.49	0	D	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
328	544951.41	4836746.43	396.49	0	N	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
328	544951.41	4836746.43	396.49	0	E	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
330	544975.23	4836756.40	397.00	0	D	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
330	544975.23	4836756.40	397.00	0	N	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
330	544975.23	4836756.40	397.00	0	E	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
332	545063.39	4836652.30	385.19	0	D	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
332	545063.39	4836652.30	385.19	0	N	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
332	545063.39	4836652.30	385.19	0	E	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
334	544925.76	4836714.38	396.25	0	D	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
334	544925.76	4836714.38	396.25	0	N	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
334	544925.76	4836714.38	396.25	0	E	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
336	544925.76	4836714.38	396.25	1	D	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
336	544925.76	4836714.38	396.25	1	N	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
336	544925.76	4836714.38	396.25	1	E	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
337	545033.33	4836689.30	390.15	0	D	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
337	545033.33	4836689.30	390.15	0	N	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
337	545033.33	4836689.30	390.15	0	E	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
344	544982.18	4836751.43	397.00	0	D	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
344	544982.18	4836751.43	397.00	0	N	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
344	544982.18	4836751.43	397.00	0	E	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
346	544926.29	4836715.46	396.18	0	D	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
346	544926.29	4836715.46	396.18	0	N	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
346	544926.29	4836715.46	396.18	0	E	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
347	544926.29	4836715.46	396.18	1	D	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
347	544926.29	4836715.46	396.18	1	N	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
347	544926.29	4836715.46	396.18	1	E	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
349	544994.57	4836736.63	395.82	0	D	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6
349	544994.57	4836736.63	395.82	0	N	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6
349	544994.57	4836736.63	395.82	0	E	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6



Appendix C - Sample Calculations - Guest Voices - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
351	544948.83	4836743.86	396.00	0	D	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
351	544948.83	4836743.86	396.00	0	N	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
351	544948.83	4836743.86	396.00	0	E	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
353	545003.04	4836721.27	394.60	0	D	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
353	545003.04	4836721.27	394.60	0	N	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
353	545003.04	4836721.27	394.60	0	E	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
358	544969.39	4836758.64	397.47	0	D	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
358	544969.39	4836758.64	397.47	0	N	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
358	544969.39	4836758.64	397.47	0	E	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
360	544924.85	4836707.13	396.66	0	D	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
360	544924.85	4836707.13	396.66	0	N	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
360	544924.85	4836707.13	396.66	0	E	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
362	544924.85	4836707.13	396.66	1	D	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
362	544924.85	4836707.13	396.66	1	N	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
362	544924.85	4836707.13	396.66	1	E	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
363	545055.58	4836661.68	386.50	0	D	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
363	545055.58	4836661.68	386.50	0	N	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
363	545055.58	4836661.68	386.50	0	E	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
366	544946.28	4836741.35	395.74	0	D	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
366	544946.28	4836741.35	395.74	0	N	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
366	544946.28	4836741.35	395.74	0	E	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
367	544962.20	4836757.49	397.72	0	D	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
367	544962.20	4836757.49	397.72	0	N	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
367	544962.20	4836757.49	397.72	0	E	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
369	545051.63	4836666.71	387.18	0	D	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
369	545051.63	4836666.71	387.18	0	N	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
369	545051.63	4836666.71	387.18	0	E	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
379	544955.45	4836750.83	397.23	0	D	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
379	544955.45	4836750.83	397.23	0	N	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
379	544955.45	4836750.83	397.23	0	E	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
381	544967.18	4836758.84	397.59	0	D	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
381	544967.18	4836758.84	397.59	0	N	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
381	544967.18	4836758.84	397.59	0	E	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
383	544952.85	4836747.91	396.68	0	D	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
383	544952.85	4836747.91	396.68	0	N	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
383	544952.85	4836747.91	396.68	0	E	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
384	544950.01	4836745.03	396.19	0	D	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
384	544950.01	4836745.03	396.19	0	N	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
384	544950.01	4836745.03	396.19	0	E	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
386	544953.89	4836749.09	396.88	0	D	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
386	544953.89	4836749.09	396.88	0	N	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
386	544953.89	4836749.09	396.88	0	E	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
388	544928.41	4836720.34	395.95	0	D	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
388	544928.41	4836720.34	395.95	0	N	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
388	544928.41	4836720.34	395.95	0	E	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
389	544928.41	4836720.34	395.95	1	D	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
389	544928.41	4836720.34	395.95	1	N	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
389	544928.41	4836720.34	395.95	1	E	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
391	544947.31	4836742.36	395.92	0	D	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
391	544947.31	4836742.36	395.92	0	N	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
391	544947.31	4836742.36	395.92	0	E	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
392	544924.53	4836707.82	396.66	0	D	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
392	544924.53	4836707.82	396.66	0	N	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
392	544924.53	4836707.82	396.66	0	E	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
394	544924.53	4836707.82	396.66	1	D	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
394	544924.53	4836707.82	396.66	1	N	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
394	544924.53	4836707.82	396.66	1	E	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
395	544998.59	4836726.07	395.01	0	D	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
395	544998.59	4836726.07	395.01	0	N	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
395	544998.59	4836726.07	395.01	0	E	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
397	544965.37	4836758.67	397.65	0	D	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7
397	544965.37	4836758.67	397.65	0	N	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7
397	544965.37	4836758.67	397.65	0	E	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7

Appendix C - Sample Calculations - Guest Voices - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
398	544963.84	4836758.22	397.68	0	D	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
398	544963.84	4836758.22	397.68	0	N	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
398	544963.84	4836758.22	397.68	0	E	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
400	545065.03	4836650.35	385.00	0	D	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
400	545065.03	4836650.35	385.00	0	N	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
400	545065.03	4836650.35	385.00	0	E	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
402	545061.79	4836654.21	385.44	0	D	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
402	545061.79	4836654.21	385.44	0	N	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
402	545061.79	4836654.21	385.44	0	E	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
409	545004.24	4836720.11	394.25	0	D	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
409	545004.24	4836720.11	394.25	0	N	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
409	545004.24	4836720.11	394.25	0	E	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
411	545040.28	4836681.19	389.04	0	D	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
411	545040.28	4836681.19	389.04	0	N	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
411	545040.28	4836681.19	389.04	0	E	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
413	544993.61	4836738.16	395.95	0	D	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
413	544993.61	4836738.16	395.95	0	N	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
413	544993.61	4836738.16	395.95	0	E	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
415	544999.48	4836725.08	395.00	0	D	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
415	544999.48	4836725.08	395.00	0	N	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
415	544999.48	4836725.08	395.00	0	E	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
416	545046.08	4836673.79	388.00	0	D	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
416	545046.08	4836673.79	388.00	0	N	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
416	545046.08	4836673.79	388.00	0	E	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
418	545046.71	4836672.99	388.00	0	D	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
418	545046.71	4836672.99	388.00	0	N	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
418	545046.71	4836672.99	388.00	0	E	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
423	544954.64	4836749.92	397.12	0	D	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
423	544954.64	4836749.92	397.12	0	N	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
423	544954.64	4836749.92	397.12	0	E	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
425	544939.79	4836691.57	396.01	0	D	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
425	544939.79	4836691.57	396.01	0	N	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
425	544939.79	4836691.57	396.01	0	E	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
444	545032.23	4836690.59	390.32	0	D	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
444	545032.23	4836690.59	390.32	0	N	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
444	545032.23	4836690.59	390.32	0	E	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
445	544993.11	4836738.97	396.03	0	D	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
445	544993.11	4836738.97	396.03	0	N	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
445	544993.11	4836738.97	396.03	0	E	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
446	544947.97	4836743.01	396.00	0	D	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
446	544947.97	4836743.01	396.00	0	N	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
446	544947.97	4836743.01	396.00	0	E	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
452	545065.76	4836649.47	384.98	0	D	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
452	545065.76	4836649.47	384.98	0	N	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
452	545065.76	4836649.47	384.98	0	E	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
453	545040.77	4836680.56	388.95	0	D	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
453	545040.77	4836680.56	388.95	0	N	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
453	545040.77	4836680.56	388.95	0	E	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
454	545065.99	4836649.20	384.94	0	D	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
454	545065.99	4836649.20	384.94	0	N	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
454	545065.99	4836649.20	384.94	0	E	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
455	544973.75	4836757.05	397.00	0	D	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
455	544973.75	4836757.05	397.00	0	N	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
455	544973.75	4836757.05	397.00	0	E	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
462	545011.76	4836712.86	392.99	0	D	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
462	545011.76	4836712.86	392.99	0	N	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
462	545011.76	4836712.86	392.99	0	E	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
471	545011.68	4836712.94	393.00	0	D	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
471	545011.68	4836712.94	393.00	0	N	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
471	545011.68	4836712.94	393.00	0	E	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
477	545011.71	4836712.91	393.00	0	D	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6
477	545011.71	4836712.91	393.00	0	N	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6
477	545011.71	4836712.91	393.00	0	E	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6

Appendix C - Sample Calculations - Amplified Music - POR01

Receiver  
 Name: POR01  
 ID: POR01  
 X: 544893.91 m  
 Y: 4836611.89 m  
 Z: 401.50 m

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
6	544950.60	4836682.94	395.39	0	D	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
6	544950.60	4836682.94	395.39	0	N	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
6	544950.60	4836682.94	395.39	0	E	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
8	544938.67	4836693.75	396.02	0	D	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
8	544938.67	4836693.75	396.02	0	N	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
8	544938.67	4836693.75	396.02	0	E	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
10	544933.50	4836702.89	396.02	1	D	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
10	544933.50	4836702.89	396.02	1	N	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
10	544933.50	4836702.89	396.02	1	E	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
11	544936.91	4836696.25	396.06	1	D	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
11	544936.91	4836696.25	396.06	1	N	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
11	544936.91	4836696.25	396.06	1	E	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
13	544942.92	4836687.70	395.93	2	D	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
13	544942.92	4836687.70	395.93	2	N	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
13	544942.92	4836687.70	395.93	2	E	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
15	544945.44	4836686.36	395.74	2	D	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
15	544945.44	4836686.36	395.74	2	N	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
15	544945.44	4836686.36	395.74	2	E	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
17	544951.69	4836675.31	395.49	0	D	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
17	544951.69	4836675.31	395.49	0	N	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
17	544951.69	4836675.31	395.49	0	E	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
18	544963.04	4836664.97	394.41	0	D	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
18	544963.04	4836664.97	394.41	0	N	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
18	544963.04	4836664.97	394.41	0	E	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
20	544963.73	4836664.55	394.35	1	D	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
20	544963.73	4836664.55	394.35	1	N	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
20	544963.73	4836664.55	394.35	1	E	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
22	544938.95	4836681.52	396.68	2	D	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
22	544938.95	4836681.52	396.68	2	N	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
22	544938.95	4836681.52	396.68	2	E	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
24	544941.52	4836680.11	396.44	2	D	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
24	544941.52	4836680.11	396.44	2	N	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
24	544941.52	4836680.11	396.44	2	E	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
26	544963.72	4836664.79	394.35	1	D	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
26	544963.72	4836664.79	394.35	1	N	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
26	544963.72	4836664.79	394.35	1	E	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
27	544966.98	4836657.91	394.02	1	D	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
27	544966.98	4836657.91	394.02	1	N	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
27	544966.98	4836657.91	394.02	1	E	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
29	544968.54	4836654.54	393.85	1	D	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
29	544968.54	4836654.54	393.85	1	N	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
29	544968.54	4836654.54	393.85	1	E	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
30	544930.39	4836695.05	396.78	0	D	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
30	544930.39	4836695.05	396.78	0	N	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
30	544930.39	4836695.05	396.78	0	E	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
32	544929.81	4836700.02	396.54	1	D	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
32	544929.81	4836700.02	396.54	1	N	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
32	544929.81	4836700.02	396.54	1	E	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
34	544930.64	4836692.59	396.90	1	D	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
34	544930.64	4836692.59	396.90	1	N	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
34	544930.64	4836692.59	396.90	1	E	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
35	544929.29	4836697.73	396.72	1	D	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
35	544929.29	4836697.73	396.72	1	N	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9
35	544929.29	4836697.73	396.72	1	E	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9
43	544973.69	4836661.48	393.51	0	D	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
43	544973.69	4836661.48	393.51	0	N	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
43	544973.69	4836661.48	393.51	0	E	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
46	544973.32	4836667.03	393.63	1	D	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
46	544973.32	4836667.03	393.63	1	N	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
46	544973.32	4836667.03	393.63	1	E	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
47	544973.83	4836663.29	393.53	1	D	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
47	544973.83	4836663.29	393.53	1	N	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
47	544973.83	4836663.29	393.53	1	E	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
49	544974.22	4836660.30	393.44	1	D	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
49	544974.22	4836660.30	393.44	1	N	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
49	544974.22	4836660.30	393.44	1	E	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
51	544972.73	4836657.13	393.53	1	D	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
51	544972.73	4836657.13	393.53	1	N	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
51	544972.73	4836657.13	393.53	1	E	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
65	544970.69	4836664.44	393.81	0	D	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
65	544970.69	4836664.44	393.81	0	N	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
65	544970.69	4836664.44	393.81	0	E	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
67	544970.62	4836669.22	393.88	1	D	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
67	544970.62	4836669.22	393.88	1	N	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
67	544970.62	4836669.22	393.88	1	E	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
70	544970.68	4836668.81	393.87	1	D	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
70	544970.68	4836668.81	393.87	1	N	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
70	544970.68	4836668.81	393.87	1	E	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
71	544971.10	4836665.58	393.79	1	D	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
71	544971.10	4836665.58	393.79	1	N	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
71	544971.10	4836665.58	393.79	1	E	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
73	544970.57	4836661.15	393.78	1	D	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
73	544970.57	4836661.15	393.78	1	N	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
73	544970.57	4836661.15	393.78	1	E	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
74	544969.93	4836655.82	393.76	1	D	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
74	544969.93	4836655.82	393.76	1	N	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
74	544969.93	4836655.82	393.76	1	E	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
85	544968.70	4836666.41	393.95	0	D	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
85	544968.70	4836666.41	393.95	0	N	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
85	544968.70	4836666.41	393.95	0	E	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
87	544968.68	4836668.01	393.97	1	D	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
87	544968.68	4836668.01	393.97	1	N	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
87	544968.68	4836668.01	393.97	1	E	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
89	544968.12	4836672.30	394.04	1	D	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
89	544968.12	4836672.30	394.04	1	N	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
89	544968.12	4836672.30	394.04	1	E	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
90	544968.73	4836667.32	393.96	1	D	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
90	544968.73	4836667.32	393.96	1	N	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
90	544968.73	4836667.32	393.96	1	E	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
92	544969.12	4836659.84	393.86	1	D	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
92	544969.12	4836659.84	393.86	1	N	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
92	544969.12	4836659.84	393.86	1	E	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
93	544969.36	4836655.30	393.79	1	D	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
93	544969.36	4836655.30	393.79	1	N	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
93	544969.36	4836655.30	393.79	1	E	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
99	544958.13	4836661.57	394.92	0	D	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
99	544958.13	4836661.57	394.92	0	N	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
99	544958.13	4836661.57	394.92	0	E	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
101	544958.74	4836660.80	394.86	1	D	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
101	544958.74	4836660.80	394.86	1	N	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
101	544958.74	4836660.80	394.86	1	E	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
103	544958.09	4836661.33	394.93	1	D	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
103	544958.09	4836661.33	394.93	1	N	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
103	544958.09	4836661.33	394.93	1	E	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
105	544967.74	4836653.79	393.94	1	D	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
105	544967.74	4836653.79	393.94	1	N	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4
105	544967.74	4836653.79	393.94	1	E	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4
106	544964.88	4836656.02	394.23	1	D	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
106	544964.88	4836656.02	394.23	1	N	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
106	544964.88	4836656.02	394.23	1	E	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
108	544960.52	4836659.42	394.68	1	D	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
108	544960.52	4836659.42	394.68	1	N	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
108	544960.52	4836659.42	394.68	1	E	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
110	544956.98	4836662.36	395.04	1	D	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
110	544956.98	4836662.36	395.04	1	N	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
110	544956.98	4836662.36	395.04	1	E	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
111	544964.68	4836654.90	394.25	0	D	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
111	544964.68	4836654.90	394.25	0	N	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
111	544964.68	4836654.90	394.25	0	E	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
114	544958.33	4836660.26	394.93	1	D	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
114	544958.33	4836660.26	394.93	1	N	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
114	544958.33	4836660.26	394.93	1	E	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
115	544968.30	4836652.33	393.87	1	D	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
115	544968.30	4836652.33	393.87	1	N	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
115	544968.30	4836652.33	393.87	1	E	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
117	544966.88	4836652.98	394.01	1	D	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
117	544966.88	4836652.98	394.01	1	N	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
117	544966.88	4836652.98	394.01	1	E	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
118	544964.48	4836655.02	394.27	1	D	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
118	544964.48	4836655.02	394.27	1	N	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
118	544964.48	4836655.02	394.27	1	E	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
120	544961.00	4836657.98	394.64	1	D	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
120	544961.00	4836657.98	394.64	1	N	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
120	544961.00	4836657.98	394.64	1	E	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
124	544950.87	4836689.66	395.04	0	D	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
124	544950.87	4836689.66	395.04	0	N	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
124	544950.87	4836689.66	395.04	0	E	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
126	544934.83	4836703.92	395.83	1	D	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
126	544934.83	4836703.92	395.83	1	N	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
126	544934.83	4836703.92	395.83	1	E	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
128	544940.25	4836699.14	395.57	1	D	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
128	544940.25	4836699.14	395.57	1	N	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
128	544940.25	4836699.14	395.57	1	E	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
130	544946.80	4836693.36	395.25	2	D	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
130	544946.80	4836693.36	395.25	2	N	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
130	544946.80	4836693.36	395.25	2	E	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
131	544948.90	4836691.51	395.15	2	D	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
131	544948.90	4836691.51	395.15	2	N	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
131	544948.90	4836691.51	395.15	2	E	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
139	544928.03	4836701.16	396.63	0	D	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
139	544928.03	4836701.16	396.63	0	N	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
139	544928.03	4836701.16	396.63	0	E	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
140	544927.80	4836700.62	396.68	1	D	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
140	544927.80	4836700.62	396.68	1	N	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
140	544927.80	4836700.62	396.68	1	E	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
142	544929.72	4836705.11	396.26	1	D	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
142	544929.72	4836705.11	396.26	1	N	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
142	544929.72	4836705.11	396.26	1	E	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
144	544926.31	4836695.90	397.08	1	D	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
144	544926.31	4836695.90	397.08	1	N	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
144	544926.31	4836695.90	397.08	1	E	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
151	544954.62	4836665.75	395.23	0	D	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
151	544954.62	4836665.75	395.23	0	N	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
151	544954.62	4836665.75	395.23	0	E	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
153	544943.27	4836676.09	396.31	0	D	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
153	544943.27	4836676.09	396.31	0	N	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
153	544943.27	4836676.09	396.31	0	E	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
155	544959.38	4836661.51	394.75	1	D	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
155	544959.38	4836661.51	394.75	1	N	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7
155	544959.38	4836661.51	394.75	1	E	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7
157	544938.36	4836680.64	396.76	2	D	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
157	544938.36	4836680.64	396.76	2	N	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
157	544938.36	4836680.64	396.76	2	E	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
159	544940.51	4836678.57	396.59	2	D	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
159	544940.51	4836678.57	396.59	2	N	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
159	544940.51	4836678.57	396.59	2	E	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
161	544967.85	4836653.90	393.92	1	D	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
161	544967.85	4836653.90	393.92	1	N	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
161	544967.85	4836653.90	393.92	1	E	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
162	544965.19	4836656.30	394.18	1	D	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
162	544965.19	4836656.30	394.18	1	N	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
162	544965.19	4836656.30	394.18	1	E	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
164	544959.61	4836661.31	394.73	1	D	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
164	544959.61	4836661.31	394.73	1	N	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
164	544959.61	4836661.31	394.73	1	E	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
188	544925.54	4836698.67	397.00	0	D	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
188	544925.54	4836698.67	397.00	0	N	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
188	544925.54	4836698.67	397.00	0	E	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
189	544925.48	4836698.32	397.03	1	D	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
189	544925.48	4836698.32	397.03	1	N	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
189	544925.48	4836698.32	397.03	1	E	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
191	544926.04	4836701.45	396.81	1	D	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
191	544926.04	4836701.45	396.81	1	N	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
191	544926.04	4836701.45	396.81	1	E	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
193	544925.53	4836695.30	397.19	1	D	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
193	544925.53	4836695.30	397.19	1	N	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
193	544925.53	4836695.30	397.19	1	E	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
201	544952.85	4836666.95	395.44	0	D	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
201	544952.85	4836666.95	395.44	0	N	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
201	544952.85	4836666.95	395.44	0	E	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
203	544959.20	4836661.39	394.80	1	D	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
203	544959.20	4836661.39	394.80	1	N	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
203	544959.20	4836661.39	394.80	1	E	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
205	544967.83	4836653.88	393.92	1	D	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
205	544967.83	4836653.88	393.92	1	N	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
205	544967.83	4836653.88	393.92	1	E	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
207	544965.33	4836656.05	394.18	1	D	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
207	544965.33	4836656.05	394.18	1	N	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
207	544965.33	4836656.05	394.18	1	E	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
209	544963.86	4836657.33	394.32	1	D	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
209	544963.86	4836657.33	394.32	1	N	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
209	544963.86	4836657.33	394.32	1	E	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
210	544959.44	4836661.17	394.77	1	D	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
210	544959.44	4836661.17	394.77	1	N	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
210	544959.44	4836661.17	394.77	1	E	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
225	544933.78	4836691.60	396.68	0	D	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
225	544933.78	4836691.60	396.68	0	N	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
225	544933.78	4836691.60	396.68	0	E	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
227	544932.14	4836701.83	396.23	1	D	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
227	544932.14	4836701.83	396.23	1	N	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
227	544932.14	4836701.83	396.23	1	E	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
228	544933.50	4836693.31	396.61	1	D	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
228	544933.50	4836693.31	396.61	1	N	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
228	544933.50	4836693.31	396.61	1	E	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
230	544935.85	4836704.54	395.80	0	D	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
230	544935.85	4836704.54	395.80	0	N	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
230	544935.85	4836704.54	395.80	0	E	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
232	544932.44	4836706.99	395.98	1	D	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
232	544932.44	4836706.99	395.98	1	N	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
232	544932.44	4836706.99	395.98	1	E	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
233	544935.04	4836705.25	395.85	1	D	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
233	544935.04	4836705.25	395.85	1	N	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1
233	544935.04	4836705.25	395.85	1	E	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1
235	544938.18	4836702.61	395.66	1	D	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
235	544938.18	4836702.61	395.66	1	N	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
235	544938.18	4836702.61	395.66	1	E	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
260	544923.71	4836696.83	397.30	0	D	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
260	544923.71	4836696.83	397.30	0	N	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
260	544923.71	4836696.83	397.30	0	E	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
261	544923.75	4836696.68	397.30	1	D	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
261	544923.75	4836696.68	397.30	1	N	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
261	544923.75	4836696.68	397.30	1	E	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
263	544923.18	4836698.68	397.25	1	D	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
263	544923.18	4836698.68	397.25	1	N	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
263	544923.18	4836698.68	397.25	1	E	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
264	544924.85	4836694.76	397.29	1	D	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
264	544924.85	4836694.76	397.29	1	N	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
264	544924.85	4836694.76	397.29	1	E	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
274	544940.89	4836699.55	395.52	0	D	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
274	544940.89	4836699.55	395.52	0	N	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
274	544940.89	4836699.55	395.52	0	E	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
276	544935.09	4836704.12	395.81	1	D	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
276	544935.09	4836704.12	395.81	1	N	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
276	544935.09	4836704.12	395.81	1	E	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
277	544939.24	4836700.94	395.60	1	D	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
277	544939.24	4836700.94	395.60	1	N	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
277	544939.24	4836700.94	395.60	1	E	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
279	544943.20	4836697.74	395.40	1	D	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
279	544943.20	4836697.74	395.40	1	N	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
279	544943.20	4836697.74	395.40	1	E	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
280	544947.09	4836694.25	395.24	2	D	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
280	544947.09	4836694.25	395.24	2	N	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
280	544947.09	4836694.25	395.24	2	E	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
282	544948.45	4836693.02	395.18	2	D	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
282	544948.45	4836693.02	395.18	2	N	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
282	544948.45	4836693.02	395.18	2	E	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
339	544974.14	4836657.68	393.45	0	D	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
339	544974.14	4836657.68	393.45	0	N	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
339	544974.14	4836657.68	393.45	0	E	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
342	544974.14	4836657.68	393.45	1	D	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
342	544974.14	4836657.68	393.45	1	N	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
342	544974.14	4836657.68	393.45	1	E	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
354	544977.46	4836660.98	393.21	0	D	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
354	544977.46	4836660.98	393.21	0	N	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
354	544977.46	4836660.98	393.21	0	E	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
357	544977.46	4836660.98	393.21	1	D	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
357	544977.46	4836660.98	393.21	1	N	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
357	544977.46	4836660.98	393.21	1	E	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
371	544945.62	4836694.86	395.33	0	D	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
371	544945.62	4836694.86	395.33	0	N	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
371	544945.62	4836694.86	395.33	0	E	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
373	544934.90	4836703.97	395.83	1	D	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
373	544934.90	4836703.97	395.83	1	N	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
373	544934.90	4836703.97	395.83	1	E	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
374	544940.42	4836699.29	395.57	1	D	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
374	544940.42	4836699.29	395.57	1	N	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
374	544940.42	4836699.29	395.57	1	E	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
376	544947.02	4836693.68	395.26	2	D	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
376	544947.02	4836693.68	395.26	2	N	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
376	544947.02	4836693.68	395.26	2	E	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
377	544949.14	4836691.88	395.17	2	D	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
377	544949.14	4836691.88	395.17	2	N	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
377	544949.14	4836691.88	395.17	2	E	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
404	544933.39	4836692.00	396.70	0	D	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
404	544933.39	4836692.00	396.70	0	N	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2
404	544933.39	4836692.00	396.70	0	E	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2
406	544932.04	4836701.76	396.25	1	D	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
406	544932.04	4836701.76	396.25	1	N	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
406	544932.04	4836701.76	396.25	1	E	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
407	544933.24	4836693.08	396.65	1	D	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
407	544933.24	4836693.08	396.65	1	N	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
407	544933.24	4836693.08	396.65	1	E	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
420	544968.02	4836651.50	393.88	0	D	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
420	544968.02	4836651.50	393.88	0	N	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
420	544968.02	4836651.50	393.88	0	E	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
422	544968.02	4836651.50	393.88	1	D	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
422	544968.02	4836651.50	393.88	1	N	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
422	544968.02	4836651.50	393.88	1	E	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
427	544944.28	4836696.19	395.37	0	D	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
427	544944.28	4836696.19	395.37	0	N	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
427	544944.28	4836696.19	395.37	0	E	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
428	544934.93	4836704.00	395.82	1	D	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
428	544934.93	4836704.00	395.82	1	N	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
428	544934.93	4836704.00	395.82	1	E	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
430	544940.50	4836699.35	395.55	1	D	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
430	544940.50	4836699.35	395.55	1	N	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
430	544940.50	4836699.35	395.55	1	E	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
431	544947.12	4836693.82	395.23	2	D	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
431	544947.12	4836693.82	395.23	2	N	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
431	544947.12	4836693.82	395.23	2	E	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
433	544949.10	4836692.16	395.13	2	D	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
433	544949.10	4836692.16	395.13	2	N	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
433	544949.10	4836692.16	395.13	2	E	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
434	544950.23	4836691.21	395.08	2	D	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
434	544950.23	4836691.21	395.08	2	N	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
434	544950.23	4836691.21	395.08	2	E	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
436	544943.46	4836697.00	395.42	0	D	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
436	544943.46	4836697.00	395.42	0	N	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
436	544943.46	4836697.00	395.42	0	E	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
438	544934.96	4836704.01	395.83	1	D	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
438	544934.96	4836704.01	395.83	1	N	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
438	544934.96	4836704.01	395.83	1	E	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
439	544940.55	4836699.40	395.56	1	D	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
439	544940.55	4836699.40	395.56	1	N	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
439	544940.55	4836699.40	395.56	1	E	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
441	544947.19	4836693.93	395.24	2	D	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
441	544947.19	4836693.93	395.24	2	N	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
441	544947.19	4836693.93	395.24	2	E	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
442	544948.52	4836692.83	395.18	2	D	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
442	544948.52	4836692.83	395.18	2	N	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
442	544948.52	4836692.83	395.18	2	E	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
443	544949.30	4836692.15	395.14	2	D	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
443	544949.30	4836692.15	395.14	2	N	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
443	544949.30	4836692.15	395.14	2	E	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
447	544932.65	4836707.70	396.00	0	D	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
447	544932.65	4836707.70	396.00	0	N	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
447	544932.65	4836707.70	396.00	0	E	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
448	544932.65	4836707.70	396.00	1	D	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
448	544932.65	4836707.70	396.00	1	N	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
448	544932.65	4836707.70	396.00	1	E	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
449	544953.25	4836665.32	395.45	0	D	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
449	544953.25	4836665.32	395.45	0	N	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
449	544953.25	4836665.32	395.45	0	E	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
450	544957.49	4836661.00	395.02	1	D	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
450	544957.49	4836661.00	395.02	1	N	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
450	544957.49	4836661.00	395.02	1	E	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
451	544956.08	4836662.44	395.18	1	D	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8



Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
451	544956.08	4836662.44	395.18	1	N	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8
451	544956.08	4836662.44	395.18	1	E	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8
456	544962.78	4836655.62	394.46	0	D	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
456	544962.78	4836655.62	394.46	0	N	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
456	544962.78	4836655.62	394.46	0	E	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
457	544958.26	4836660.22	394.94	1	D	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
457	544958.26	4836660.22	394.94	1	N	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
457	544958.26	4836660.22	394.94	1	E	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
458	544965.81	4836652.53	394.12	1	D	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
458	544965.81	4836652.53	394.12	1	N	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
458	544965.81	4836652.53	394.12	1	E	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
459	544964.48	4836653.89	394.28	1	D	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
459	544964.48	4836653.89	394.28	1	N	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
459	544964.48	4836653.89	394.28	1	E	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
460	544963.06	4836655.33	394.43	1	D	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
460	544963.06	4836655.33	394.43	1	N	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
460	544963.06	4836655.33	394.43	1	E	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
461	544960.71	4836657.72	394.68	1	D	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
461	544960.71	4836657.72	394.68	1	N	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
461	544960.71	4836657.72	394.68	1	E	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
463	544945.25	4836696.23	395.31	0	D	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
463	544945.25	4836696.23	395.31	0	N	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
463	544945.25	4836696.23	395.31	0	E	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
464	544943.74	4836697.73	395.37	1	D	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
464	544943.74	4836697.73	395.37	1	N	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
464	544943.74	4836697.73	395.37	1	E	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
465	544944.56	4836696.91	395.34	1	D	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
465	544944.56	4836696.91	395.34	1	N	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
465	544944.56	4836696.91	395.34	1	E	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
466	544947.15	4836694.35	395.24	2	D	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
466	544947.15	4836694.35	395.24	2	N	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
466	544947.15	4836694.35	395.24	2	E	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
467	544948.47	4836693.05	395.18	2	D	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
467	544948.47	4836693.05	395.18	2	N	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
467	544948.47	4836693.05	395.18	2	E	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
468	544970.94	4836670.79	393.89	0	D	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
468	544970.94	4836670.79	393.89	0	N	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
468	544970.94	4836670.79	393.89	0	E	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
469	544971.57	4836670.17	393.83	1	D	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
469	544971.57	4836670.17	393.83	1	N	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
469	544971.57	4836670.17	393.83	1	E	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
470	544970.94	4836670.79	393.89	1	D	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
470	544970.94	4836670.79	393.89	1	N	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
470	544970.94	4836670.79	393.89	1	E	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
472	544946.82	4836694.68	395.25	0	D	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
472	544946.82	4836694.68	395.25	0	N	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
472	544946.82	4836694.68	395.25	0	E	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
473	544944.61	4836696.86	395.36	1	D	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
473	544944.61	4836696.86	395.36	1	N	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
473	544944.61	4836696.86	395.36	1	E	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
474	544946.79	4836694.71	395.25	2	D	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
474	544946.79	4836694.71	395.25	2	N	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
474	544946.79	4836694.71	395.25	2	E	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
475	544947.60	4836693.90	395.22	2	D	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
475	544947.60	4836693.90	395.22	2	N	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
475	544947.60	4836693.90	395.22	2	E	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
476	544948.47	4836693.05	395.18	2	D	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
476	544948.47	4836693.05	395.18	2	N	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
476	544948.47	4836693.05	395.18	2	E	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
478	544939.24	4836702.18	395.62	0	D	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
478	544939.24	4836702.18	395.62	0	N	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
478	544939.24	4836702.18	395.62	0	E	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
479	544936.58	4836704.81	395.81	1	D	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars (assume 1/2 leave before 11 pm, and 1/2 after end of event at 11 pm)", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
479	544936.58	4836704.81	395.81	1	N	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3
479	544936.58	4836704.81	395.81	1	E	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3
480	544939.42	4836702.00	395.61	1	D	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
480	544939.42	4836702.00	395.61	1	N	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
480	544939.42	4836702.00	395.61	1	E	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
481	544941.80	4836699.65	395.44	1	D	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
481	544941.80	4836699.65	395.44	1	N	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
481	544941.80	4836699.65	395.44	1	E	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
482	544925.21	4836700.91	396.91	0	D	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
482	544925.21	4836700.91	396.91	0	N	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
482	544925.21	4836700.91	396.91	0	E	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
483	544925.21	4836700.91	396.91	1	D	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1
483	544925.21	4836700.91	396.91	1	N	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1
483	544925.21	4836700.91	396.91	1	E	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
37	544951.15	4836680.14	395.33	0	D	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
37	544951.15	4836680.14	395.33	0	N	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
37	544951.15	4836680.14	395.33	0	E	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
39	544930.50	4836700.86	396.35	0	D	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
39	544930.50	4836700.86	396.35	0	N	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
39	544930.50	4836700.86	396.35	0	E	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
40	544929.63	4836701.73	396.41	1	D	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
40	544929.63	4836701.73	396.41	1	N	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
40	544929.63	4836701.73	396.41	1	E	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
42	544932.50	4836698.86	396.23	1	D	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
42	544932.50	4836698.86	396.23	1	N	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
42	544932.50	4836698.86	396.23	1	E	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
53	544944.25	4836687.09	395.80	0	D	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
53	544944.25	4836687.09	395.80	0	N	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
53	544944.25	4836687.09	395.80	0	E	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
54	544943.23	4836688.12	395.85	2	D	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
54	544943.23	4836688.12	395.85	2	N	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
54	544943.23	4836688.12	395.85	2	E	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
56	544945.28	4836686.05	395.75	2	D	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
56	544945.28	4836686.05	395.75	2	N	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
56	544945.28	4836686.05	395.75	2	E	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
57	544959.23	4836672.01	394.80	0	D	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
57	544959.23	4836672.01	394.80	0	N	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
57	544959.23	4836672.01	394.80	0	E	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
59	544966.29	4836664.90	394.27	0	D	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
59	544966.29	4836664.90	394.27	0	N	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
59	544966.29	4836664.90	394.27	0	E	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
62	544965.46	4836665.74	394.35	1	D	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
62	544965.46	4836665.74	394.35	1	N	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
62	544965.46	4836665.74	394.35	1	E	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
63	544966.29	4836664.90	394.27	1	D	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
63	544966.29	4836664.90	394.27	1	N	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
63	544966.29	4836664.90	394.27	1	E	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
76	544937.49	4836693.87	396.05	0	D	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
76	544937.49	4836693.87	396.05	0	N	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
76	544937.49	4836693.87	396.05	0	E	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
78	544937.30	4836694.05	396.06	1	D	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
78	544937.30	4836694.05	396.06	1	N	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
78	544937.30	4836694.05	396.06	1	E	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
80	544970.75	4836660.41	393.80	0	D	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
80	544970.75	4836660.41	393.80	0	N	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
80	544970.75	4836660.41	393.80	0	E	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
82	544970.43	4836660.74	393.83	1	D	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7
82	544970.43	4836660.74	393.83	1	N	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7
82	544970.43	4836660.74	393.83	1	E	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
84	544972.27	4836658.88	393.63	1	D	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
84	544972.27	4836658.88	393.63	1	N	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
84	544972.27	4836658.88	393.63	1	E	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
95	544929.79	4836723.63	395.79	0	D	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
95	544929.79	4836723.63	395.79	0	N	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
95	544929.79	4836723.63	395.79	0	E	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
97	544929.79	4836723.63	395.79	1	D	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
97	544929.79	4836723.63	395.79	1	N	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
97	544929.79	4836723.63	395.79	1	E	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
122	545037.05	4836684.99	389.55	0	D	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
122	545037.05	4836684.99	389.55	0	N	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
122	545037.05	4836684.99	389.55	0	E	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
133	544992.44	4836740.04	396.12	0	D	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
133	544992.44	4836740.04	396.12	0	N	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
133	544992.44	4836740.04	396.12	0	E	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
135	544990.15	4836743.71	396.37	0	D	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
135	544990.15	4836743.71	396.37	0	N	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
135	544990.15	4836743.71	396.37	0	E	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
137	544989.60	4836744.58	396.43	1	D	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
137	544989.60	4836744.58	396.43	1	N	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
137	544989.60	4836744.58	396.43	1	E	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
145	544926.00	4836705.58	396.61	0	D	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
145	544926.00	4836705.58	396.61	0	N	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
145	544926.00	4836705.58	396.61	0	E	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
147	544926.00	4836705.58	396.61	1	D	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
147	544926.00	4836705.58	396.61	1	N	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
147	544926.00	4836705.58	396.61	1	E	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
149	545043.31	4836677.32	388.46	0	D	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
149	545043.31	4836677.32	388.46	0	N	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
149	545043.31	4836677.32	388.46	0	E	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
166	545022.35	4836701.71	391.72	0	D	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
166	545022.35	4836701.71	391.72	0	N	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
166	545022.35	4836701.71	391.72	0	E	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
168	545020.60	4836703.62	391.93	1	D	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
168	545020.60	4836703.62	391.93	1	N	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
168	545020.60	4836703.62	391.93	1	E	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
169	545023.32	4836700.66	391.60	2	D	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
169	545023.32	4836700.66	391.60	2	N	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
169	545023.32	4836700.66	391.60	2	E	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
171	545022.47	4836701.58	391.70	1	D	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
171	545022.47	4836701.58	391.70	1	N	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
171	545022.47	4836701.58	391.70	1	E	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
173	545020.20	4836704.07	391.98	1	D	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
173	545020.20	4836704.07	391.98	1	N	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
173	545020.20	4836704.07	391.98	1	E	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
174	545022.64	4836701.39	391.68	2	D	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
174	545022.64	4836701.39	391.68	2	N	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
174	545022.64	4836701.39	391.68	2	E	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
176	545020.34	4836703.92	391.96	2	D	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
176	545020.34	4836703.92	391.96	2	N	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
176	545020.34	4836703.92	391.96	2	E	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
178	545009.25	4836715.28	393.26	0	D	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
178	545009.25	4836715.28	393.26	0	N	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
178	545009.25	4836715.28	393.26	0	E	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
180	544962.89	4836668.33	394.57	0	D	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
180	544962.89	4836668.33	394.57	0	N	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
180	544962.89	4836668.33	394.57	0	E	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
181	544962.93	4836668.28	394.57	1	D	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
181	544962.93	4836668.28	394.57	1	N	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
181	544962.93	4836668.28	394.57	1	E	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
183	545030.69	4836692.38	390.54	0	D	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3
183	545030.69	4836692.38	390.54	0	N	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3
183	545030.69	4836692.38	390.54	0	E	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
185	545028.45	4836694.99	390.87	0	D	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
185	545028.45	4836694.99	390.87	0	N	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
185	545028.45	4836694.99	390.87	0	E	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
195	544985.80	4836748.58	396.79	0	D	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
195	544985.80	4836748.58	396.79	0	N	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
195	544985.80	4836748.58	396.79	0	E	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
197	545048.99	4836670.08	387.68	0	D	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
197	545048.99	4836670.08	387.68	0	N	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
197	545048.99	4836670.08	387.68	0	E	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
199	544940.58	4836690.78	395.97	0	D	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
199	544940.58	4836690.78	395.97	0	N	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
199	544940.58	4836690.78	395.97	0	E	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
213	544935.05	4836731.20	395.37	0	D	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
213	544935.05	4836731.20	395.37	0	N	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
213	544935.05	4836731.20	395.37	0	E	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
215	544955.72	4836675.54	395.00	0	D	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
215	544955.72	4836675.54	395.00	0	N	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
215	544955.72	4836675.54	395.00	0	E	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
217	544973.27	4836657.88	393.56	0	D	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
217	544973.27	4836657.88	393.56	0	N	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
217	544973.27	4836657.88	393.56	0	E	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
219	544973.27	4836657.88	393.56	1	D	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
219	544973.27	4836657.88	393.56	1	N	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
219	544973.27	4836657.88	393.56	1	E	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
221	544978.85	4836754.03	397.00	0	D	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
221	544978.85	4836754.03	397.00	0	N	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
221	544978.85	4836754.03	397.00	0	E	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
223	544997.23	4836728.96	395.20	0	D	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
223	544997.23	4836728.96	395.20	0	N	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
223	544997.23	4836728.96	395.20	0	E	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
237	544934.67	4836696.69	396.11	0	D	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
237	544934.67	4836696.69	396.11	0	N	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
237	544934.67	4836696.69	396.11	0	E	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
239	544934.67	4836696.69	396.11	1	D	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
239	544934.67	4836696.69	396.11	1	N	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
239	544934.67	4836696.69	396.11	1	E	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
240	544927.77	4836718.82	396.00	0	D	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
240	544927.77	4836718.82	396.00	0	N	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
240	544927.77	4836718.82	396.00	0	E	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
241	544927.77	4836718.82	396.00	1	D	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
241	544927.77	4836718.82	396.00	1	N	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
241	544927.77	4836718.82	396.00	1	E	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
243	545013.48	4836711.20	392.82	0	D	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
243	545013.48	4836711.20	392.82	0	N	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
243	545013.48	4836711.20	392.82	0	E	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
245	545014.16	4836710.54	392.76	1	D	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
245	545014.16	4836710.54	392.76	1	N	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
245	545014.16	4836710.54	392.76	1	E	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
247	544957.53	4836753.16	397.39	0	D	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
247	544957.53	4836753.16	397.39	0	N	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
247	544957.53	4836753.16	397.39	0	E	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
248	544924.52	4836711.66	396.48	0	D	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
248	544924.52	4836711.66	396.48	0	N	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
248	544924.52	4836711.66	396.48	0	E	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
250	544924.52	4836711.66	396.48	1	D	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
250	544924.52	4836711.66	396.48	1	N	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
250	544924.52	4836711.66	396.48	1	E	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
252	544995.81	4836733.44	395.56	0	D	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
252	544995.81	4836733.44	395.56	0	N	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
252	544995.81	4836733.44	395.56	0	E	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
253	544937.54	4836733.31	395.27	0	D	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
253	544937.54	4836733.31	395.27	0	N	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
253	544937.54	4836733.31	395.27	0	E	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
255	545026.08	4836697.63	391.22	0	D	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
255	545026.08	4836697.63	391.22	0	N	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
255	545026.08	4836697.63	391.22	0	E	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
258	545024.86	4836698.97	391.41	2	D	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
258	545024.86	4836698.97	391.41	2	N	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
258	545024.86	4836698.97	391.41	2	E	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
266	545067.69	4836647.17	384.64	0	D	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
266	545067.69	4836647.17	384.64	0	N	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
266	545067.69	4836647.17	384.64	0	E	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
268	544931.65	4836727.49	395.62	0	D	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
268	544931.65	4836727.49	395.62	0	N	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
268	544931.65	4836727.49	395.62	0	E	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
269	544931.03	4836726.56	395.68	1	D	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
269	544931.03	4836726.56	395.68	1	N	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
269	544931.03	4836726.56	395.68	1	E	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
271	544926.92	4836716.85	396.07	0	D	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
271	544926.92	4836716.85	396.07	0	N	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
271	544926.92	4836716.85	396.07	0	E	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
273	544926.92	4836716.85	396.07	1	D	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
273	544926.92	4836716.85	396.07	1	N	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
273	544926.92	4836716.85	396.07	1	E	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
283	545053.58	4836664.22	386.79	0	D	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
283	545053.58	4836664.22	386.79	0	N	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
283	545053.58	4836664.22	386.79	0	E	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
286	545016.38	4836708.24	392.53	0	D	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
286	545016.38	4836708.24	392.53	0	N	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
286	545016.38	4836708.24	392.53	0	E	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
288	545016.38	4836708.24	392.53	1	D	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
288	545016.38	4836708.24	392.53	1	N	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
288	545016.38	4836708.24	392.53	1	E	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
290	545019.37	4836704.97	392.11	0	D	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
290	545019.37	4836704.97	392.11	0	N	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
290	545019.37	4836704.97	392.11	0	E	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
291	545018.15	4836706.31	392.31	0	D	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
291	545018.15	4836706.31	392.31	0	N	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
291	545018.15	4836706.31	392.31	0	E	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
293	545019.71	4836704.60	392.05	1	D	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
293	545019.71	4836704.60	392.05	1	N	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
293	545019.71	4836704.60	392.05	1	E	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
295	545018.83	4836705.57	392.20	1	D	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
295	545018.83	4836705.57	392.20	1	N	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
295	545018.83	4836705.57	392.20	1	E	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
296	545019.41	4836704.92	392.10	2	D	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
296	545019.41	4836704.92	392.10	2	N	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
296	545019.41	4836704.92	392.10	2	E	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
298	545001.05	4836723.36	394.85	0	D	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
298	545001.05	4836723.36	394.85	0	N	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
298	545001.05	4836723.36	394.85	0	E	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
299	544943.13	4836738.34	395.41	0	D	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
299	544943.13	4836738.34	395.41	0	N	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
299	544943.13	4836738.34	395.41	0	E	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
301	544939.55	4836735.01	395.26	0	D	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
301	544939.55	4836735.01	395.26	0	N	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
301	544939.55	4836735.01	395.26	0	E	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
303	544941.32	4836736.61	395.28	0	D	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
303	544941.32	4836736.61	395.28	0	N	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
303	544941.32	4836736.61	395.28	0	E	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
304	544932.98	4836729.25	395.51	0	D	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
304	544932.98	4836729.25	395.51	0	N	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
304	544932.98	4836729.25	395.51	0	E	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
306	545057.53	4836659.29	386.21	0	D	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2
306	545057.53	4836659.29	386.21	0	N	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2
306	545057.53	4836659.29	386.21	0	E	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2



Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
308	545060.02	4836656.32	385.75	0	D	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
308	545060.02	4836656.32	385.75	0	N	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
308	545060.02	4836656.32	385.75	0	E	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
311	544924.19	4836710.04	396.59	0	D	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
311	544924.19	4836710.04	396.59	0	N	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
311	544924.19	4836710.04	396.59	0	E	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
313	544924.19	4836710.04	396.59	1	D	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
313	544924.19	4836710.04	396.59	1	N	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
313	544924.19	4836710.04	396.59	1	E	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
314	545005.74	4836718.67	393.76	0	D	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
314	545005.74	4836718.67	393.76	0	N	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
314	545005.74	4836718.67	393.76	0	E	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
316	544960.17	4836755.94	397.65	0	D	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
316	544960.17	4836755.94	397.65	0	N	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
316	544960.17	4836755.94	397.65	0	E	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
318	544925.16	4836713.22	396.35	0	D	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
318	544925.16	4836713.22	396.35	0	N	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
318	544925.16	4836713.22	396.35	0	E	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
319	544925.16	4836713.22	396.35	1	D	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
319	544925.16	4836713.22	396.35	1	N	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
319	544925.16	4836713.22	396.35	1	E	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
321	544972.12	4836757.76	397.19	0	D	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
321	544972.12	4836757.76	397.19	0	N	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
321	544972.12	4836757.76	397.19	0	E	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
323	544944.90	4836740.03	395.58	0	D	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
323	544944.90	4836740.03	395.58	0	N	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
323	544944.90	4836740.03	395.58	0	E	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
325	544924.30	4836708.75	396.64	0	D	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
325	544924.30	4836708.75	396.64	0	N	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
325	544924.30	4836708.75	396.64	0	E	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
326	544924.30	4836708.75	396.64	1	D	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
326	544924.30	4836708.75	396.64	1	N	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
326	544924.30	4836708.75	396.64	1	E	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
328	544951.41	4836746.43	396.49	0	D	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
328	544951.41	4836746.43	396.49	0	N	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
328	544951.41	4836746.43	396.49	0	E	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
330	544975.23	4836756.40	397.00	0	D	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
330	544975.23	4836756.40	397.00	0	N	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
330	544975.23	4836756.40	397.00	0	E	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
332	545063.39	4836652.30	385.19	0	D	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
332	545063.39	4836652.30	385.19	0	N	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
332	545063.39	4836652.30	385.19	0	E	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
334	544925.76	4836714.38	396.25	0	D	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
334	544925.76	4836714.38	396.25	0	N	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
334	544925.76	4836714.38	396.25	0	E	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
336	544925.76	4836714.38	396.25	1	D	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
336	544925.76	4836714.38	396.25	1	N	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
336	544925.76	4836714.38	396.25	1	E	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
337	545033.33	4836689.30	390.15	0	D	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
337	545033.33	4836689.30	390.15	0	N	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
337	545033.33	4836689.30	390.15	0	E	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
344	544982.18	4836751.43	397.00	0	D	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
344	544982.18	4836751.43	397.00	0	N	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
344	544982.18	4836751.43	397.00	0	E	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
346	544926.29	4836715.46	396.18	0	D	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
346	544926.29	4836715.46	396.18	0	N	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
346	544926.29	4836715.46	396.18	0	E	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
347	544926.29	4836715.46	396.18	1	D	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
347	544926.29	4836715.46	396.18	1	N	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
347	544926.29	4836715.46	396.18	1	E	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
349	544994.57	4836736.63	395.82	0	D	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6
349	544994.57	4836736.63	395.82	0	N	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6
349	544994.57	4836736.63	395.82	0	E	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
351	544948.83	4836743.86	396.00	0	D	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
351	544948.83	4836743.86	396.00	0	N	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
351	544948.83	4836743.86	396.00	0	E	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
353	545003.04	4836721.27	394.60	0	D	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
353	545003.04	4836721.27	394.60	0	N	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
353	545003.04	4836721.27	394.60	0	E	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
358	544969.39	4836758.64	397.47	0	D	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
358	544969.39	4836758.64	397.47	0	N	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
358	544969.39	4836758.64	397.47	0	E	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
360	544924.85	4836707.13	396.66	0	D	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
360	544924.85	4836707.13	396.66	0	N	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
360	544924.85	4836707.13	396.66	0	E	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
362	544924.85	4836707.13	396.66	1	D	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
362	544924.85	4836707.13	396.66	1	N	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
362	544924.85	4836707.13	396.66	1	E	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
363	545055.58	4836661.68	386.50	0	D	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
363	545055.58	4836661.68	386.50	0	N	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
363	545055.58	4836661.68	386.50	0	E	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
366	544946.28	4836741.35	395.74	0	D	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
366	544946.28	4836741.35	395.74	0	N	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
366	544946.28	4836741.35	395.74	0	E	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
367	544962.20	4836757.49	397.72	0	D	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
367	544962.20	4836757.49	397.72	0	N	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
367	544962.20	4836757.49	397.72	0	E	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
369	545051.63	4836666.71	387.18	0	D	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
369	545051.63	4836666.71	387.18	0	N	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
369	545051.63	4836666.71	387.18	0	E	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
379	544955.45	4836750.83	397.23	0	D	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
379	544955.45	4836750.83	397.23	0	N	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
379	544955.45	4836750.83	397.23	0	E	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
381	544967.18	4836758.84	397.59	0	D	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
381	544967.18	4836758.84	397.59	0	N	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
381	544967.18	4836758.84	397.59	0	E	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
383	544952.85	4836747.91	396.68	0	D	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
383	544952.85	4836747.91	396.68	0	N	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
383	544952.85	4836747.91	396.68	0	E	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
384	544950.01	4836745.03	396.19	0	D	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
384	544950.01	4836745.03	396.19	0	N	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
384	544950.01	4836745.03	396.19	0	E	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
386	544953.89	4836749.09	396.88	0	D	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
386	544953.89	4836749.09	396.88	0	N	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
386	544953.89	4836749.09	396.88	0	E	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
388	544928.41	4836720.34	395.95	0	D	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
388	544928.41	4836720.34	395.95	0	N	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
388	544928.41	4836720.34	395.95	0	E	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
389	544928.41	4836720.34	395.95	1	D	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
389	544928.41	4836720.34	395.95	1	N	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
389	544928.41	4836720.34	395.95	1	E	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
391	544947.31	4836742.36	395.92	0	D	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
391	544947.31	4836742.36	395.92	0	N	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
391	544947.31	4836742.36	395.92	0	E	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
392	544924.53	4836707.82	396.66	0	D	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
392	544924.53	4836707.82	396.66	0	N	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
392	544924.53	4836707.82	396.66	0	E	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
394	544924.53	4836707.82	396.66	1	D	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
394	544924.53	4836707.82	396.66	1	N	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
394	544924.53	4836707.82	396.66	1	E	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
395	544998.59	4836726.07	395.01	0	D	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
395	544998.59	4836726.07	395.01	0	N	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
395	544998.59	4836726.07	395.01	0	E	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
397	544965.37	4836758.67	397.65	0	D	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7
397	544965.37	4836758.67	397.65	0	N	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7
397	544965.37	4836758.67	397.65	0	E	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
398	544963.84	4836758.22	397.68	0	D	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
398	544963.84	4836758.22	397.68	0	N	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
398	544963.84	4836758.22	397.68	0	E	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
400	545065.03	4836650.35	385.00	0	D	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
400	545065.03	4836650.35	385.00	0	N	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
400	545065.03	4836650.35	385.00	0	E	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
402	545061.79	4836654.21	385.44	0	D	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
402	545061.79	4836654.21	385.44	0	N	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
402	545061.79	4836654.21	385.44	0	E	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
409	545004.24	4836720.11	394.25	0	D	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
409	545004.24	4836720.11	394.25	0	N	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
409	545004.24	4836720.11	394.25	0	E	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
411	545040.28	4836681.19	389.04	0	D	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
411	545040.28	4836681.19	389.04	0	N	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
411	545040.28	4836681.19	389.04	0	E	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
413	544993.61	4836738.16	395.95	0	D	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
413	544993.61	4836738.16	395.95	0	N	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
413	544993.61	4836738.16	395.95	0	E	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
415	544999.48	4836725.08	395.00	0	D	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
415	544999.48	4836725.08	395.00	0	N	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
415	544999.48	4836725.08	395.00	0	E	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
416	545046.08	4836673.79	388.00	0	D	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
416	545046.08	4836673.79	388.00	0	N	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
416	545046.08	4836673.79	388.00	0	E	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
418	545046.71	4836672.99	388.00	0	D	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
418	545046.71	4836672.99	388.00	0	N	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
418	545046.71	4836672.99	388.00	0	E	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
423	544954.64	4836749.92	397.12	0	D	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
423	544954.64	4836749.92	397.12	0	N	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
423	544954.64	4836749.92	397.12	0	E	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
425	544939.79	4836691.57	396.01	0	D	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
425	544939.79	4836691.57	396.01	0	N	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
425	544939.79	4836691.57	396.01	0	E	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
444	545032.23	4836690.59	390.32	0	D	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
444	545032.23	4836690.59	390.32	0	N	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
444	545032.23	4836690.59	390.32	0	E	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
445	544993.11	4836738.97	396.03	0	D	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
445	544993.11	4836738.97	396.03	0	N	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
445	544993.11	4836738.97	396.03	0	E	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
446	544947.97	4836743.01	396.00	0	D	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
446	544947.97	4836743.01	396.00	0	N	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
446	544947.97	4836743.01	396.00	0	E	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
452	545065.76	4836649.47	384.98	0	D	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
452	545065.76	4836649.47	384.98	0	N	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
452	545065.76	4836649.47	384.98	0	E	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
453	545040.77	4836680.56	388.95	0	D	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
453	545040.77	4836680.56	388.95	0	N	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
453	545040.77	4836680.56	388.95	0	E	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
454	545065.99	4836649.20	384.94	0	D	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
454	545065.99	4836649.20	384.94	0	N	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
454	545065.99	4836649.20	384.94	0	E	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
455	544973.75	4836757.05	397.00	0	D	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
455	544973.75	4836757.05	397.00	0	N	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
455	544973.75	4836757.05	397.00	0	E	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
462	545011.76	4836712.86	392.99	0	D	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
462	545011.76	4836712.86	392.99	0	N	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
462	545011.76	4836712.86	392.99	0	E	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
471	545011.68	4836712.94	393.00	0	D	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
471	545011.68	4836712.94	393.00	0	N	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
471	545011.68	4836712.94	393.00	0	E	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
477	545011.71	4836712.91	393.00	0	D	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6
477	545011.71	4836712.91	393.00	0	N	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6
477	545011.71	4836712.91	393.00	0	E	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6

Appendix C - Sample Calculations - Amplified Music - POR01

Receiver  
 Name: POR01  
 ID: POR01  
 X: 544893.91 m  
 Y: 4836611.89 m  
 Z: 401.50 m

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
4	544950.60	4836682.94	395.39	0	D	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
4	544950.60	4836682.94	395.39	0	N	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
4	544950.60	4836682.94	395.39	0	E	A	64.0	22.5	-10.8	0.0	0.0	50.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	24.1
6	544938.67	4836693.75	396.02	0	D	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
6	544938.67	4836693.75	396.02	0	N	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
6	544938.67	4836693.75	396.02	0	E	A	64.0	22.5	-10.8	0.0	0.0	50.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	23.8
8	544933.50	4836702.89	396.02	1	D	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
8	544933.50	4836702.89	396.02	1	N	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
8	544933.50	4836702.89	396.02	1	E	A	64.0	12.3	-10.8	0.0	0.0	56.1	1.1	1.7	0.0	0.0	0.0	0.0	2.6	4.0
10	544936.91	4836696.25	396.06	1	D	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
10	544936.91	4836696.25	396.06	1	N	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
10	544936.91	4836696.25	396.06	1	E	A	64.0	19.6	-10.8	0.0	0.0	57.3	1.2	1.1	0.0	0.0	0.0	0.0	2.9	10.4
12	544942.92	4836687.70	395.93	2	D	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
12	544942.92	4836687.70	395.93	2	N	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
12	544942.92	4836687.70	395.93	2	E	A	64.0	15.4	-10.8	0.0	0.0	57.4	1.2	1.0	0.0	0.0	0.0	0.0	47.2	-38.2
13	544945.44	4836686.36	395.74	2	D	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
13	544945.44	4836686.36	395.74	2	N	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
13	544945.44	4836686.36	395.74	2	E	A	64.0	15.6	-10.8	0.0	0.0	57.4	1.2	1.1	0.0	0.0	0.0	0.0	47.1	-38.0
15	544951.69	4836675.31	395.49	0	D	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
15	544951.69	4836675.31	395.49	0	N	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
15	544951.69	4836675.31	395.49	0	E	A	64.0	22.3	-10.8	0.0	0.0	49.7	0.6	1.4	0.0	0.0	0.0	0.0	23.9	23.9
17	544963.04	4836664.97	394.41	0	D	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
17	544963.04	4836664.97	394.41	0	N	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
17	544963.04	4836664.97	394.41	0	E	A	64.0	22.3	-10.8	0.0	0.0	49.8	0.6	1.2	0.0	0.0	0.0	0.0	24.0	24.0
19	544963.73	4836664.55	394.35	1	D	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
19	544963.73	4836664.55	394.35	1	N	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
19	544963.73	4836664.55	394.35	1	E	A	64.0	12.5	-10.8	0.0	0.0	53.3	0.8	1.4	0.0	0.0	16.7	0.0	7.4	-13.9
21	544938.95	4836681.52	396.68	2	D	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
21	544938.95	4836681.52	396.68	2	N	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
21	544938.95	4836681.52	396.68	2	E	A	64.0	6.9	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	0.0	0.0	48.5	-47.5
23	544941.52	4836680.11	396.44	2	D	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
23	544941.52	4836680.11	396.44	2	N	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
23	544941.52	4836680.11	396.44	2	E	A	64.0	10.2	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	0.0	0.0	48.4	-44.2
24	544963.72	4836664.79	394.35	1	D	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
24	544963.72	4836664.79	394.35	1	N	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
24	544963.72	4836664.79	394.35	1	E	A	64.0	19.9	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	6.4	4.4
26	544966.98	4836657.91	394.02	1	D	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
26	544966.98	4836657.91	394.02	1	N	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
26	544966.98	4836657.91	394.02	1	E	A	64.0	12.9	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.7	0.4
28	544968.54	4836654.54	393.85	1	D	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
28	544968.54	4836654.54	393.85	1	N	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
28	544968.54	4836654.54	393.85	1	E	A	64.0	6.6	-10.8	0.0	0.0	59.8	1.5	0.7	0.0	0.0	0.0	0.0	3.8	-5.9
30	544930.39	4836695.05	396.78	0	D	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
30	544930.39	4836695.05	396.78	0	N	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
30	544930.39	4836695.05	396.78	0	E	A	64.0	19.3	-10.8	0.0	0.0	50.2	0.6	1.6	0.0	0.0	0.0	0.0	20.2	20.2
31	544929.81	4836700.02	396.54	1	D	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
31	544929.81	4836700.02	396.54	1	N	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
31	544929.81	4836700.02	396.54	1	E	A	64.0	14.6	-10.8	0.0	0.0	56.3	1.1	1.2	0.0	0.0	0.0	0.0	2.6	6.7
33	544930.64	4836692.59	396.90	1	D	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
33	544930.64	4836692.59	396.90	1	N	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
33	544930.64	4836692.59	396.90	1	E	A	64.0	17.2	-10.8	0.0	0.0	57.6	1.3	0.5	0.0	0.0	0.0	0.0	2.9	8.3
34	544929.29	4836697.73	396.72	1	D	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahouus	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
34	544929.29	4836697.73	396.72	1	N	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9
34	544929.29	4836697.73	396.72	1	E	A	64.0	11.9	-10.8	0.0	0.0	57.5	1.2	0.8	0.0	0.0	13.4	0.0	7.1	-14.9
43	544973.69	4836661.48	393.51	0	D	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
43	544973.69	4836661.48	393.51	0	N	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
43	544973.69	4836661.48	393.51	0	E	A	64.0	17.3	-10.8	0.0	0.0	50.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	18.8
46	544973.32	4836667.03	393.63	1	D	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
46	544973.32	4836667.03	393.63	1	N	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
46	544973.32	4836667.03	393.63	1	E	A	64.0	5.0	-10.8	0.0	0.0	59.4	1.5	1.9	0.0	0.0	0.0	0.0	3.4	-8.0
47	544973.83	4836663.29	393.53	1	D	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
47	544973.83	4836663.29	393.53	1	N	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
47	544973.83	4836663.29	393.53	1	E	A	64.0	14.0	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	1.1
49	544974.22	4836660.30	393.44	1	D	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
49	544974.22	4836660.30	393.44	1	N	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
49	544974.22	4836660.30	393.44	1	E	A	64.0	11.6	-10.8	0.0	0.0	59.6	1.5	1.6	0.0	0.0	0.0	0.0	3.5	-1.3
51	544972.73	4836657.13	393.53	1	D	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
51	544972.73	4836657.13	393.53	1	N	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
51	544972.73	4836657.13	393.53	1	E	A	64.0	10.3	-10.8	0.0	0.0	59.7	1.5	1.4	0.0	0.0	0.0	0.0	3.5	-2.6
64	544970.69	4836664.44	393.81	0	D	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
64	544970.69	4836664.44	393.81	0	N	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
64	544970.69	4836664.44	393.81	0	E	A	64.0	15.5	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	17.2
66	544970.62	4836669.22	393.88	1	D	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
66	544970.62	4836669.22	393.88	1	N	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
66	544970.62	4836669.22	393.88	1	E	A	64.0	6.9	-10.8	0.0	0.0	53.9	0.9	0.5	0.0	0.0	17.6	0.0	7.4	-20.1
69	544970.68	4836668.81	393.87	1	D	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
69	544970.68	4836668.81	393.87	1	N	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
69	544970.68	4836668.81	393.87	1	E	A	64.0	10.8	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	3.4	-2.0
71	544971.10	4836665.58	393.79	1	D	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
71	544971.10	4836665.58	393.79	1	N	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
71	544971.10	4836665.58	393.79	1	E	A	64.0	9.6	-10.8	0.0	0.0	59.5	1.5	1.6	0.0	0.0	0.0	0.0	3.4	-3.2
73	544970.57	4836661.15	393.78	1	D	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
73	544970.57	4836661.15	393.78	1	N	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
73	544970.57	4836661.15	393.78	1	E	A	64.0	10.7	-10.8	0.0	0.0	59.6	1.5	1.3	0.0	0.0	0.0	0.0	3.5	-2.0
74	544969.93	4836655.82	393.76	1	D	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
74	544969.93	4836655.82	393.76	1	N	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
74	544969.93	4836655.82	393.76	1	E	A	64.0	4.6	-10.8	0.0	0.0	59.8	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-8.1
85	544968.70	4836666.41	393.95	0	D	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
85	544968.70	4836666.41	393.95	0	N	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
85	544968.70	4836666.41	393.95	0	E	A	64.0	13.7	-10.8	0.0	0.0	50.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	15.3
86	544968.68	4836668.01	393.97	1	D	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
86	544968.68	4836668.01	393.97	1	N	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
86	544968.68	4836668.01	393.97	1	E	A	64.0	5.4	-10.8	0.0	0.0	53.7	0.9	0.7	0.0	0.0	17.3	0.0	7.4	-21.4
88	544968.12	4836672.30	394.04	1	D	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
88	544968.12	4836672.30	394.04	1	N	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
88	544968.12	4836672.30	394.04	1	E	A	64.0	5.7	-10.8	0.0	0.0	59.5	1.5	1.8	0.0	0.0	0.0	0.0	5.9	-9.7
90	544968.73	4836667.32	393.96	1	D	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
90	544968.73	4836667.32	393.96	1	N	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
90	544968.73	4836667.32	393.96	1	E	A	64.0	11.5	-10.8	0.0	0.0	59.6	1.5	1.5	0.0	0.0	0.0	0.0	6.2	-4.0
91	544969.12	4836659.84	393.86	1	D	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
91	544969.12	4836659.84	393.86	1	N	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
91	544969.12	4836659.84	393.86	1	E	A	64.0	6.2	-10.8	0.0	0.0	59.7	1.5	1.1	0.0	0.0	0.0	0.0	3.6	-6.5
93	544969.36	4836655.30	393.79	1	D	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
93	544969.36	4836655.30	393.79	1	N	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
93	544969.36	4836655.30	393.79	1	E	A	64.0	-0.0	-10.8	0.0	0.0	59.8	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-12.6
98	544958.13	4836661.57	394.92	0	D	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
98	544958.13	4836661.57	394.92	0	N	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
98	544958.13	4836661.57	394.92	0	E	A	64.0	12.9	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	14.5
101	544958.74	4836660.80	394.86	1	D	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
101	544958.74	4836660.80	394.86	1	N	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
101	544958.74	4836660.80	394.86	1	E	A	64.0	2.0	-10.8	0.0	0.0	52.9	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-23.9
102	544958.09	4836661.33	394.93	1	D	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
102	544958.09	4836661.33	394.93	1	N	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
102	544958.09	4836661.33	394.93	1	E	A	64.0	-2.7	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-28.6
104	544967.74	4836653.79	393.94	1	D	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4



Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
104	544967.74	4836653.79	393.94	1	N	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4
104	544967.74	4836653.79	393.94	1	E	A	64.0	-2.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-15.4
107	544964.88	4836656.02	394.23	1	D	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
107	544964.88	4836656.02	394.23	1	N	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
107	544964.88	4836656.02	394.23	1	E	A	64.0	3.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-8.9
109	544960.52	4836659.42	394.68	1	D	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
109	544960.52	4836659.42	394.68	1	N	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
109	544960.52	4836659.42	394.68	1	E	A	64.0	8.2	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-7.2
110	544956.98	4836662.36	395.04	1	D	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
110	544956.98	4836662.36	395.04	1	N	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
110	544956.98	4836662.36	395.04	1	E	A	64.0	6.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-9.3
111	544964.68	4836654.90	394.25	0	D	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
111	544964.68	4836654.90	394.25	0	N	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
111	544964.68	4836654.90	394.25	0	E	A	64.0	12.2	-10.8	0.0	0.0	49.4	0.6	1.8	0.0	0.0	0.0	0.0	0.0	13.8
112	544958.33	4836660.26	394.93	1	D	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
112	544958.33	4836660.26	394.93	1	N	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
112	544958.33	4836660.26	394.93	1	E	A	64.0	-8.4	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-34.3
113	544968.30	4836652.33	393.87	1	D	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
113	544968.30	4836652.33	393.87	1	N	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
113	544968.30	4836652.33	393.87	1	E	A	64.0	1.3	-10.8	0.0	0.0	59.9	1.5	0.8	0.0	0.0	0.0	0.0	3.7	-11.3
115	544966.88	4836652.98	394.01	1	D	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
115	544966.88	4836652.98	394.01	1	N	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
115	544966.88	4836652.98	394.01	1	E	A	64.0	6.8	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.9	-5.7
116	544964.48	4836655.02	394.27	1	D	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
116	544964.48	4836655.02	394.27	1	N	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
116	544964.48	4836655.02	394.27	1	E	A	64.0	8.4	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-4.0
118	544961.00	4836657.98	394.64	1	D	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
118	544961.00	4836657.98	394.64	1	N	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
118	544961.00	4836657.98	394.64	1	E	A	64.0	5.8	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	7.0	-9.7
122	544950.87	4836689.66	395.04	0	D	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
122	544950.87	4836689.66	395.04	0	N	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
122	544950.87	4836689.66	395.04	0	E	A	64.0	13.0	-10.8	0.0	0.0	50.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	14.6
124	544934.83	4836703.92	395.83	1	D	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
124	544934.83	4836703.92	395.83	1	N	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
124	544934.83	4836703.92	395.83	1	E	A	64.0	-1.7	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-10.0
125	544940.25	4836699.14	395.57	1	D	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
125	544940.25	4836699.14	395.57	1	N	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
125	544940.25	4836699.14	395.57	1	E	A	64.0	5.4	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-4.1
127	544946.80	4836693.36	395.25	2	D	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
127	544946.80	4836693.36	395.25	2	N	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
127	544946.80	4836693.36	395.25	2	E	A	64.0	1.6	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-51.3
128	544948.90	4836691.51	395.15	2	D	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
128	544948.90	4836691.51	395.15	2	N	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
128	544948.90	4836691.51	395.15	2	E	A	64.0	2.9	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.1	-50.0
136	544928.03	4836701.16	396.63	0	D	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
136	544928.03	4836701.16	396.63	0	N	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
136	544928.03	4836701.16	396.63	0	E	A	64.0	12.0	-10.8	0.0	0.0	50.6	0.6	1.1	0.0	0.0	0.0	0.0	0.0	12.9
138	544927.80	4836700.62	396.68	1	D	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
138	544927.80	4836700.62	396.68	1	N	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
138	544927.80	4836700.62	396.68	1	E	A	64.0	11.4	-10.8	0.0	0.0	56.3	1.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5
139	544929.72	4836705.11	396.26	1	D	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
139	544929.72	4836705.11	396.26	1	N	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
139	544929.72	4836705.11	396.26	1	E	A	64.0	2.9	-10.8	0.0	0.0	56.2	1.1	1.6	0.0	0.0	0.0	0.0	2.6	-5.4
141	544926.31	4836695.90	397.08	1	D	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
141	544926.31	4836695.90	397.08	1	N	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
141	544926.31	4836695.90	397.08	1	E	A	64.0	2.0	-10.8	0.0	0.0	57.6	1.3	0.4	0.0	0.0	13.3	0.0	6.9	-24.3
148	544954.62	4836665.75	395.23	0	D	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
148	544954.62	4836665.75	395.23	0	N	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
148	544954.62	4836665.75	395.23	0	E	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.6
149	544943.27	4836676.09	396.31	0	D	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
149	544943.27	4836676.09	396.31	0	N	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
149	544943.27	4836676.09	396.31	0	E	A	64.0	8.0	-10.8	0.0	0.0	49.2	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.6
152	544959.38	4836661.51	394.75	1	D	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahouus	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
152	544959.38	4836661.51	394.75	1	N	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7
152	544959.38	4836661.51	394.75	1	E	A	64.0	-4.7	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.2	0.0	7.4	-30.7
154	544938.36	4836680.64	396.76	2	D	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
154	544938.36	4836680.64	396.76	2	N	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
154	544938.36	4836680.64	396.76	2	E	A	64.0	-2.0	-10.8	0.0	0.0	57.7	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-56.5
156	544940.51	4836678.57	396.59	2	D	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
156	544940.51	4836678.57	396.59	2	N	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
156	544940.51	4836678.57	396.59	2	E	A	64.0	1.3	-10.8	0.0	0.0	57.8	1.3	0.1	0.0	0.0	0.0	0.0	48.7	-53.3
158	544967.85	4836653.90	393.92	1	D	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
158	544967.85	4836653.90	393.92	1	N	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
158	544967.85	4836653.90	393.92	1	E	A	64.0	-10.8	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-23.3
160	544965.19	4836656.30	394.18	1	D	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
160	544965.19	4836656.30	394.18	1	N	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
160	544965.19	4836656.30	394.18	1	E	A	64.0	-4.5	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	3.8	-16.9
161	544959.61	4836661.31	394.73	1	D	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
161	544959.61	4836661.31	394.73	1	N	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
161	544959.61	4836661.31	394.73	1	E	A	64.0	2.7	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-12.8
185	544925.54	4836698.67	397.00	0	D	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
185	544925.54	4836698.67	397.00	0	N	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
185	544925.54	4836698.67	397.00	0	E	A	64.0	11.2	-10.8	0.0	0.0	50.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	11.9
187	544925.48	4836698.32	397.03	1	D	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
187	544925.48	4836698.32	397.03	1	N	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
187	544925.48	4836698.32	397.03	1	E	A	64.0	10.7	-10.8	0.0	0.0	56.5	1.1	0.7	0.0	0.0	0.0	0.0	2.6	3.1
188	544926.04	4836701.45	396.81	1	D	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
188	544926.04	4836701.45	396.81	1	N	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
188	544926.04	4836701.45	396.81	1	E	A	64.0	1.7	-10.8	0.0	0.0	56.4	1.1	1.2	0.0	0.0	0.0	0.0	2.6	-6.3
190	544925.53	4836695.30	397.19	1	D	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
190	544925.53	4836695.30	397.19	1	N	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
190	544925.53	4836695.30	397.19	1	E	A	64.0	2.0	-10.8	0.0	0.0	57.7	1.3	0.3	0.0	0.0	13.3	0.0	6.9	-24.1
198	544952.85	4836666.95	395.44	0	D	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
198	544952.85	4836666.95	395.44	0	N	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
198	544952.85	4836666.95	395.44	0	E	A	64.0	9.9	-10.8	0.0	0.0	49.2	0.6	2.0	0.0	0.0	0.0	0.0	0.0	11.5
200	544959.20	4836661.39	394.80	1	D	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
200	544959.20	4836661.39	394.80	1	N	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
200	544959.20	4836661.39	394.80	1	E	A	64.0	-3.8	-10.8	0.0	0.0	53.0	0.8	2.0	0.0	0.0	16.1	0.0	7.3	-29.8
202	544967.83	4836653.88	393.92	1	D	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
202	544967.83	4836653.88	393.92	1	N	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
202	544967.83	4836653.88	393.92	1	E	A	64.0	-9.9	-10.8	0.0	0.0	59.9	1.5	0.6	0.0	0.0	0.0	0.0	3.8	-22.5
203	544965.33	4836656.05	394.18	1	D	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
203	544965.33	4836656.05	394.18	1	N	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
203	544965.33	4836656.05	394.18	1	E	A	64.0	-4.3	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	3.8	-16.7
205	544963.86	4836657.33	394.32	1	D	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
205	544963.86	4836657.33	394.32	1	N	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
205	544963.86	4836657.33	394.32	1	E	A	64.0	-11.9	-10.8	0.0	0.0	59.9	1.5	0.5	0.0	0.0	0.0	0.0	6.8	-27.5
207	544959.44	4836661.17	394.77	1	D	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
207	544959.44	4836661.17	394.77	1	N	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
207	544959.44	4836661.17	394.77	1	E	A	64.0	3.6	-10.8	0.0	0.0	59.9	1.5	0.4	0.0	0.0	0.0	0.0	6.9	-11.9
233	544933.78	4836691.60	396.68	0	D	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
233	544933.78	4836691.60	396.68	0	N	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
233	544933.78	4836691.60	396.68	0	E	A	64.0	9.5	-10.8	0.0	0.0	50.0	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
235	544932.14	4836701.83	396.23	1	D	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
235	544932.14	4836701.83	396.23	1	N	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
235	544932.14	4836701.83	396.23	1	E	A	64.0	0.0	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-8.1
237	544933.50	4836693.31	396.61	1	D	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
237	544933.50	4836693.31	396.61	1	N	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
237	544933.50	4836693.31	396.61	1	E	A	64.0	7.6	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-1.4
239	544935.85	4836704.54	395.80	0	D	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
239	544935.85	4836704.54	395.80	0	N	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
239	544935.85	4836704.54	395.80	0	E	A	64.0	11.1	-10.8	0.0	0.0	51.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	12.3
240	544932.44	4836706.99	395.98	1	D	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
240	544932.44	4836706.99	395.98	1	N	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
240	544932.44	4836706.99	395.98	1	E	A	64.0	0.1	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-8.3
242	544935.04	4836705.25	395.85	1	D	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahouus	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
242	544935.04	4836705.25	395.85	1	N	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1
242	544935.04	4836705.25	395.85	1	E	A	64.0	9.4	-10.8	0.0	0.0	55.9	1.1	1.9	0.0	0.0	0.0	0.0	2.7	1.1
244	544938.18	4836702.61	395.66	1	D	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
244	544938.18	4836702.61	395.66	1	N	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
244	544938.18	4836702.61	395.66	1	E	A	64.0	7.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-2.3
268	544923.71	4836696.83	397.30	0	D	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
268	544923.71	4836696.83	397.30	0	N	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
268	544923.71	4836696.83	397.30	0	E	A	64.0	9.2	-10.8	0.0	0.0	50.1	0.6	1.8	0.0	0.0	0.0	0.0	0.0	9.9
270	544923.75	4836696.68	397.30	1	D	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
270	544923.75	4836696.68	397.30	1	N	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
270	544923.75	4836696.68	397.30	1	E	A	64.0	8.8	-10.8	0.0	0.0	56.6	1.1	0.4	0.0	0.0	0.0	0.0	2.5	1.4
272	544923.18	4836698.68	397.25	1	D	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
272	544923.18	4836698.68	397.25	1	N	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
272	544923.18	4836698.68	397.25	1	E	A	64.0	-1.9	-10.8	0.0	0.0	56.6	1.1	0.7	0.0	0.0	0.0	0.0	2.6	-9.7
274	544924.85	4836694.76	397.29	1	D	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
274	544924.85	4836694.76	397.29	1	N	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
274	544924.85	4836694.76	397.29	1	E	A	64.0	0.7	-10.8	0.0	0.0	57.7	1.3	0.2	0.0	0.0	13.2	0.0	6.8	-25.2
283	544940.89	4836699.55	395.52	0	D	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
283	544940.89	4836699.55	395.52	0	N	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
283	544940.89	4836699.55	395.52	0	E	A	64.0	9.9	-10.8	0.0	0.0	51.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	11.4
285	544935.09	4836704.12	395.81	1	D	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
285	544935.09	4836704.12	395.81	1	N	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
285	544935.09	4836704.12	395.81	1	E	A	64.0	2.1	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-6.3
287	544939.24	4836700.94	395.60	1	D	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
287	544939.24	4836700.94	395.60	1	N	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
287	544939.24	4836700.94	395.60	1	E	A	64.0	7.0	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-2.5
288	544943.20	4836697.74	395.40	1	D	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
288	544943.20	4836697.74	395.40	1	N	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
288	544943.20	4836697.74	395.40	1	E	A	64.0	3.7	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-5.8
290	544947.09	4836694.25	395.24	2	D	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
290	544947.09	4836694.25	395.24	2	N	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
290	544947.09	4836694.25	395.24	2	E	A	64.0	-2.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-55.4
293	544948.45	4836693.02	395.18	2	D	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
293	544948.45	4836693.02	395.18	2	N	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
293	544948.45	4836693.02	395.18	2	E	A	64.0	-13.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-66.3
374	544974.14	4836657.68	393.45	0	D	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
374	544974.14	4836657.68	393.45	0	N	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
374	544974.14	4836657.68	393.45	0	E	A	64.0	7.0	-10.8	0.0	0.0	50.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	8.4
379	544974.14	4836657.68	393.45	1	D	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
379	544974.14	4836657.68	393.45	1	N	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
379	544974.14	4836657.68	393.45	1	E	A	64.0	7.0	-10.8	0.0	0.0	59.6	1.5	1.7	0.0	0.0	0.0	0.0	3.5	-6.0
390	544977.46	4836660.98	393.21	0	D	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
390	544977.46	4836660.98	393.21	0	N	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
390	544977.46	4836660.98	393.21	0	E	A	64.0	7.2	-10.8	0.0	0.0	50.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	8.7
391	544977.46	4836660.98	393.21	1	D	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
391	544977.46	4836660.98	393.21	1	N	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
391	544977.46	4836660.98	393.21	1	E	A	64.0	7.2	-10.8	0.0	0.0	59.5	1.5	2.0	0.0	0.0	0.0	0.0	3.4	-6.0
399	544945.62	4836694.86	395.33	0	D	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
399	544945.62	4836694.86	395.33	0	N	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
399	544945.62	4836694.86	395.33	0	E	A	64.0	6.7	-10.8	0.0	0.0	50.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	8.3
400	544934.90	4836703.97	395.83	1	D	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
400	544934.90	4836703.97	395.83	1	N	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
400	544934.90	4836703.97	395.83	1	E	A	64.0	-5.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-13.6
401	544940.42	4836699.29	395.57	1	D	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
401	544940.42	4836699.29	395.57	1	N	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
401	544940.42	4836699.29	395.57	1	E	A	64.0	1.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-7.7
402	544947.02	4836693.68	395.26	2	D	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
402	544947.02	4836693.68	395.26	2	N	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
402	544947.02	4836693.68	395.26	2	E	A	64.0	-2.1	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-54.9
403	544949.14	4836691.88	395.17	2	D	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
403	544949.14	4836691.88	395.17	2	N	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
403	544949.14	4836691.88	395.17	2	E	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-53.6
419	544933.39	4836692.00	396.70	0	D	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
419	544933.39	4836692.00	396.70	0	N	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2
419	544933.39	4836692.00	396.70	0	E	A	64.0	4.0	-10.8	0.0	0.0	50.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	5.2
420	544932.04	4836701.76	396.25	1	D	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
420	544932.04	4836701.76	396.25	1	N	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
420	544932.04	4836701.76	396.25	1	E	A	64.0	-5.1	-10.8	0.0	0.0	56.2	1.1	1.5	0.0	0.0	0.0	0.0	2.6	-13.2
421	544933.24	4836693.08	396.65	1	D	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
421	544933.24	4836693.08	396.65	1	N	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
421	544933.24	4836693.08	396.65	1	E	A	64.0	2.4	-10.8	0.0	0.0	57.5	1.2	0.6	0.0	0.0	0.0	0.0	2.9	-6.5
428	544968.02	4836651.50	393.88	0	D	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
428	544968.02	4836651.50	393.88	0	N	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
428	544968.02	4836651.50	393.88	0	E	A	64.0	2.0	-10.8	0.0	0.0	49.5	0.6	1.9	0.0	0.0	0.0	0.0	0.0	3.2
429	544968.02	4836651.50	393.88	1	D	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
429	544968.02	4836651.50	393.88	1	N	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
429	544968.02	4836651.50	393.88	1	E	A	64.0	2.0	-10.8	0.0	0.0	59.9	1.5	0.9	0.0	0.0	0.0	0.0	3.7	-10.8
432	544944.28	4836696.19	395.37	0	D	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
432	544944.28	4836696.19	395.37	0	N	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
432	544944.28	4836696.19	395.37	0	E	A	64.0	2.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.2
433	544934.93	4836704.00	395.82	1	D	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
433	544934.93	4836704.00	395.82	1	N	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
433	544934.93	4836704.00	395.82	1	E	A	64.0	-8.3	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.6
434	544940.50	4836699.35	395.55	1	D	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
434	544940.50	4836699.35	395.55	1	N	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
434	544940.50	4836699.35	395.55	1	E	A	64.0	-1.2	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.6
435	544947.12	4836693.82	395.23	2	D	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
435	544947.12	4836693.82	395.23	2	N	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
435	544947.12	4836693.82	395.23	2	E	A	64.0	-5.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.8
436	544949.10	4836692.16	395.13	2	D	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
436	544949.10	4836692.16	395.13	2	N	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
436	544949.10	4836692.16	395.13	2	E	A	64.0	-4.4	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.2
437	544950.23	4836691.21	395.08	2	D	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
437	544950.23	4836691.21	395.08	2	N	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
437	544950.23	4836691.21	395.08	2	E	A	64.0	-13.2	-10.8	0.0	0.0	57.1	1.2	1.7	0.0	0.0	0.0	0.0	46.0	-66.1
438	544943.46	4836697.00	395.42	0	D	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
438	544943.46	4836697.00	395.42	0	N	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
438	544943.46	4836697.00	395.42	0	E	A	64.0	2.6	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	4.1
439	544934.96	4836704.01	395.83	1	D	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
439	544934.96	4836704.01	395.83	1	N	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
439	544934.96	4836704.01	395.83	1	E	A	64.0	-7.9	-10.8	0.0	0.0	56.0	1.1	1.9	0.0	0.0	0.0	0.0	2.7	-16.2
440	544940.55	4836699.40	395.56	1	D	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
440	544940.55	4836699.40	395.56	1	N	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
440	544940.55	4836699.40	395.56	1	E	A	64.0	-0.8	-10.8	0.0	0.0	57.1	1.2	1.6	0.0	0.0	0.0	0.0	2.9	-10.3
441	544947.19	4836693.93	395.24	2	D	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
441	544947.19	4836693.93	395.24	2	N	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
441	544947.19	4836693.93	395.24	2	E	A	64.0	-4.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-57.4
442	544948.52	4836692.83	395.18	2	D	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
442	544948.52	4836692.83	395.18	2	N	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
442	544948.52	4836692.83	395.18	2	E	A	64.0	-8.5	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.3
443	544949.30	4836692.15	395.14	2	D	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
443	544949.30	4836692.15	395.14	2	N	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
443	544949.30	4836692.15	395.14	2	E	A	64.0	-9.0	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-61.8
447	544932.65	4836707.70	396.00	0	D	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
447	544932.65	4836707.70	396.00	0	N	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
447	544932.65	4836707.70	396.00	0	E	A	64.0	1.7	-10.8	0.0	0.0	51.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	2.7
448	544932.65	4836707.70	396.00	1	D	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
448	544932.65	4836707.70	396.00	1	N	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
448	544932.65	4836707.70	396.00	1	E	A	64.0	1.7	-10.8	0.0	0.0	56.0	1.1	2.0	0.0	0.0	0.0	0.0	2.7	-6.8
449	544953.25	4836665.32	395.45	0	D	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
449	544953.25	4836665.32	395.45	0	N	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
449	544953.25	4836665.32	395.45	0	E	A	64.0	-1.4	-10.8	0.0	0.0	49.1	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.3
450	544957.49	4836661.00	395.02	1	D	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
450	544957.49	4836661.00	395.02	1	N	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
450	544957.49	4836661.00	395.02	1	E	A	64.0	-27.0	-10.8	0.0	0.0	52.9	0.8	2.2	0.0	0.0	15.9	0.0	7.3	-52.9
451	544956.08	4836662.44	395.18	1	D	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahouus	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
451	544956.08	4836662.44	395.18	1	N	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8
451	544956.08	4836662.44	395.18	1	E	A	64.0	-8.5	-10.8	0.0	0.0	60.0	1.5	0.2	0.0	0.0	0.0	0.0	6.9	-23.8
456	544962.78	4836655.62	394.46	0	D	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
456	544962.78	4836655.62	394.46	0	N	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
456	544962.78	4836655.62	394.46	0	E	A	64.0	-5.5	-10.8	0.0	0.0	49.3	0.6	1.8	0.0	0.0	0.0	0.0	0.0	-3.9
457	544958.26	4836660.22	394.94	1	D	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
457	544958.26	4836660.22	394.94	1	N	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
457	544958.26	4836660.22	394.94	1	E	A	64.0	-24.2	-10.8	0.0	0.0	52.9	0.8	2.1	0.0	0.0	16.0	0.0	7.3	-50.1
458	544965.81	4836652.53	394.12	1	D	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
458	544965.81	4836652.53	394.12	1	N	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
458	544965.81	4836652.53	394.12	1	E	A	64.0	-16.1	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	3.9	-28.5
459	544964.48	4836653.89	394.28	1	D	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
459	544964.48	4836653.89	394.28	1	N	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
459	544964.48	4836653.89	394.28	1	E	A	64.0	-11.6	-10.8	0.0	0.0	59.9	1.5	0.3	0.0	0.0	0.0	0.0	3.9	-24.0
460	544963.06	4836655.33	394.43	1	D	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
460	544963.06	4836655.33	394.43	1	N	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
460	544963.06	4836655.33	394.43	1	E	A	64.0	-10.7	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-26.2
461	544960.71	4836657.72	394.68	1	D	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
461	544960.71	4836657.72	394.68	1	N	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
461	544960.71	4836657.72	394.68	1	E	A	64.0	-9.8	-10.8	0.0	0.0	59.9	1.5	0.2	0.0	0.0	0.0	0.0	7.0	-25.3
463	544945.25	4836696.23	395.31	0	D	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
463	544945.25	4836696.23	395.31	0	N	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
463	544945.25	4836696.23	395.31	0	E	A	64.0	-6.8	-10.8	0.0	0.0	50.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	-5.4
464	544943.74	4836697.73	395.37	1	D	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
464	544943.74	4836697.73	395.37	1	N	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
464	544943.74	4836697.73	395.37	1	E	A	64.0	-11.9	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-21.4
465	544944.56	4836696.91	395.34	1	D	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
465	544944.56	4836696.91	395.34	1	N	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
465	544944.56	4836696.91	395.34	1	E	A	64.0	-17.1	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-26.7
466	544947.15	4836694.35	395.24	2	D	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
466	544947.15	4836694.35	395.24	2	N	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
466	544947.15	4836694.35	395.24	2	E	A	64.0	-13.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-66.5
467	544948.47	4836693.05	395.18	2	D	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
467	544948.47	4836693.05	395.18	2	N	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
467	544948.47	4836693.05	395.18	2	E	A	64.0	-24.7	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-77.4
468	544970.94	4836670.79	393.89	0	D	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
468	544970.94	4836670.79	393.89	0	N	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
468	544970.94	4836670.79	393.89	0	E	A	64.0	-7.5	-10.8	0.0	0.0	50.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
469	544971.57	4836670.17	393.83	1	D	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
469	544971.57	4836670.17	393.83	1	N	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
469	544971.57	4836670.17	393.83	1	E	A	64.0	-11.8	-10.8	0.0	0.0	54.0	0.9	0.3	0.0	0.0	17.7	0.0	7.4	-38.8
470	544970.94	4836670.79	393.89	1	D	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
470	544970.94	4836670.79	393.89	1	N	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
470	544970.94	4836670.79	393.89	1	E	A	64.0	-7.5	-10.8	0.0	0.0	59.4	1.5	2.0	0.0	0.0	0.0	0.0	5.9	-23.0
472	544946.82	4836694.68	395.25	0	D	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
472	544946.82	4836694.68	395.25	0	N	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
472	544946.82	4836694.68	395.25	0	E	A	64.0	-11.5	-10.8	0.0	0.0	50.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-10.0
473	544944.61	4836696.86	395.36	1	D	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
473	544944.61	4836696.86	395.36	1	N	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
473	544944.61	4836696.86	395.36	1	E	A	64.0	-32.5	-10.8	0.0	0.0	57.0	1.2	1.8	0.0	0.0	0.0	0.0	2.9	-42.1
474	544946.79	4836694.71	395.25	2	D	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
474	544946.79	4836694.71	395.25	2	N	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
474	544946.79	4836694.71	395.25	2	E	A	64.0	-17.1	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-69.8
475	544947.60	4836693.90	395.22	2	D	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
475	544947.60	4836693.90	395.22	2	N	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
475	544947.60	4836693.90	395.22	2	E	A	64.0	-16.2	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	45.9	-68.9
476	544948.47	4836693.05	395.18	2	D	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
476	544948.47	4836693.05	395.18	2	N	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
476	544948.47	4836693.05	395.18	2	E	A	64.0	-23.8	-10.8	0.0	0.0	57.1	1.2	1.8	0.0	0.0	0.0	0.0	46.0	-76.5
478	544939.24	4836702.18	395.62	0	D	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
478	544939.24	4836702.18	395.62	0	N	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
478	544939.24	4836702.18	395.62	0	E	A	64.0	-14.0	-10.8	0.0	0.0	51.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-12.7
479	544936.58	4836704.81	395.81	1	D	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3

Appendix C - Sample Calculations - Amplified Music - POR01

Area Source, ISO 9613, Name: "idling cars", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
479	544936.58	4836704.81	395.81	1	N	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3
479	544936.58	4836704.81	395.81	1	E	A	64.0	-19.9	-10.8	0.0	0.0	55.9	1.1	2.1	0.0	0.0	0.0	0.0	2.7	-28.3
480	544939.42	4836702.00	395.61	1	D	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
480	544939.42	4836702.00	395.61	1	N	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
480	544939.42	4836702.00	395.61	1	E	A	64.0	-15.1	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-24.7
481	544941.80	4836699.65	395.44	1	D	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
481	544941.80	4836699.65	395.44	1	N	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
481	544941.80	4836699.65	395.44	1	E	A	64.0	-23.8	-10.8	0.0	0.0	57.0	1.2	1.7	0.0	0.0	0.0	0.0	2.9	-33.3
482	544925.21	4836700.91	396.91	0	D	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
482	544925.21	4836700.91	396.91	0	N	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
482	544925.21	4836700.91	396.91	0	E	A	64.0	-16.2	-10.8	0.0	0.0	50.5	0.6	1.4	0.0	0.0	0.0	0.0	0.0	-15.5
483	544925.21	4836700.91	396.91	1	D	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1
483	544925.21	4836700.91	396.91	1	N	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1
483	544925.21	4836700.91	396.91	1	E	A	64.0	-16.2	-10.8	0.0	0.0	56.4	1.1	1.0	0.0	0.0	0.0	0.0	2.6	-24.1

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
36	544951.15	4836680.14	395.33	0	D	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
36	544951.15	4836680.14	395.33	0	N	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
36	544951.15	4836680.14	395.33	0	E	A	61.4	10.5	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	20.2
38	544930.50	4836700.86	396.35	0	D	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
38	544930.50	4836700.86	396.35	0	N	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
38	544930.50	4836700.86	396.35	0	E	A	61.4	10.0	0.0	0.0	0.0	50.7	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.0
40	544929.63	4836701.73	396.41	1	D	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
40	544929.63	4836701.73	396.41	1	N	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
40	544929.63	4836701.73	396.41	1	E	A	61.4	8.8	0.0	0.0	0.0	56.2	0.9	1.4	0.0	0.0	0.0	0.0	2.1	9.5
42	544932.50	4836698.86	396.23	1	D	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
42	544932.50	4836698.86	396.23	1	N	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
42	544932.50	4836698.86	396.23	1	E	A	61.4	6.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	14.1	0.0	3.6	-9.4
53	544944.25	4836687.09	395.80	0	D	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
53	544944.25	4836687.09	395.80	0	N	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
53	544944.25	4836687.09	395.80	0	E	A	61.4	9.3	0.0	0.0	0.0	50.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	18.8
54	544943.23	4836688.12	395.85	2	D	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
54	544943.23	4836688.12	395.85	2	N	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
54	544943.23	4836688.12	395.85	2	E	A	61.4	4.2	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.3	-40.3
56	544945.28	4836686.05	395.75	2	D	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
56	544945.28	4836686.05	395.75	2	N	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
56	544945.28	4836686.05	395.75	2	E	A	61.4	5.0	0.0	0.0	0.0	57.4	1.0	1.2	0.0	0.0	0.0	0.0	46.4	-39.6
57	544959.23	4836672.01	394.80	0	D	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
57	544959.23	4836672.01	394.80	0	N	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
57	544959.23	4836672.01	394.80	0	E	A	61.4	9.1	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	18.8
59	544966.29	4836664.90	394.27	0	D	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
59	544966.29	4836664.90	394.27	0	N	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
59	544966.29	4836664.90	394.27	0	E	A	61.4	8.7	0.0	0.0	0.0	50.1	0.5	1.1	0.0	0.0	0.0	0.0	0.0	18.5
61	544965.46	4836665.74	394.35	1	D	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
61	544965.46	4836665.74	394.35	1	N	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
61	544965.46	4836665.74	394.35	1	E	A	61.4	2.5	0.0	0.0	0.0	53.5	0.7	1.3	0.0	0.0	19.2	0.0	4.1	-14.9
63	544966.29	4836664.90	394.27	1	D	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
63	544966.29	4836664.90	394.27	1	N	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
63	544966.29	4836664.90	394.27	1	E	A	61.4	8.7	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.8	-0.9
76	544937.49	4836693.87	396.05	0	D	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
76	544937.49	4836693.87	396.05	0	N	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
76	544937.49	4836693.87	396.05	0	E	A	61.4	7.9	0.0	0.0	0.0	50.4	0.5	1.2	0.0	0.0	0.0	0.0	0.0	17.3
78	544937.30	4836694.05	396.06	1	D	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
78	544937.30	4836694.05	396.06	1	N	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
78	544937.30	4836694.05	396.06	1	E	A	61.4	7.6	0.0	0.0	0.0	57.3	1.0	1.3	0.0	0.0	0.0	0.0	2.2	7.1
79	544970.75	4836660.41	393.80	0	D	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
79	544970.75	4836660.41	393.80	0	N	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
79	544970.75	4836660.41	393.80	0	E	A	61.4	7.2	0.0	0.0	0.0	50.2	0.5	1.1	0.0	0.0	0.0	0.0	0.0	16.8
81	544970.43	4836660.74	393.83	1	D	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7
81	544970.43	4836660.74	393.83	1	N	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7
81	544970.43	4836660.74	393.83	1	E	A	61.4	6.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	2.7



Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
83	544972.27	4836658.88	393.63	1	D	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
83	544972.27	4836658.88	393.63	1	N	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
83	544972.27	4836658.88	393.63	1	E	A	61.4	-0.4	0.0	0.0	0.0	59.7	1.2	1.4	0.0	0.0	0.0	0.0	2.8	-4.1
95	544929.79	4836723.63	395.79	0	D	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
95	544929.79	4836723.63	395.79	0	N	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
95	544929.79	4836723.63	395.79	0	E	A	61.4	8.0	0.0	0.0	0.0	52.4	0.6	-0.8	0.0	0.0	0.0	0.0	0.0	17.1
96	544929.79	4836723.63	395.79	1	D	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
96	544929.79	4836723.63	395.79	1	N	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
96	544929.79	4836723.63	395.79	1	E	A	61.4	8.0	0.0	0.0	0.0	55.6	0.8	1.4	0.0	0.0	0.0	0.0	2.1	9.4
120	545037.05	4836684.99	389.55	0	D	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
120	545037.05	4836684.99	389.55	0	N	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
120	545037.05	4836684.99	389.55	0	E	A	61.4	9.4	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	12.4
130	544992.44	4836740.04	396.12	0	D	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
130	544992.44	4836740.04	396.12	0	N	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
130	544992.44	4836740.04	396.12	0	E	A	61.4	2.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	9.4
132	544990.15	4836743.71	396.37	0	D	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
132	544990.15	4836743.71	396.37	0	N	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
132	544990.15	4836743.71	396.37	0	E	A	61.4	8.3	0.0	0.0	0.0	55.3	0.8	0.5	0.0	0.0	14.5	0.0	0.0	-1.3
134	544989.60	4836744.58	396.43	1	D	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
134	544989.60	4836744.58	396.43	1	N	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
134	544989.60	4836744.58	396.43	1	E	A	61.4	3.9	0.0	0.0	0.0	55.3	0.8	0.4	0.0	0.0	23.1	0.0	22.2	-36.6
143	544926.00	4836705.58	396.61	0	D	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
143	544926.00	4836705.58	396.61	0	N	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
143	544926.00	4836705.58	396.61	0	E	A	61.4	4.8	0.0	0.0	0.0	50.9	0.5	1.5	0.0	0.0	0.0	0.0	0.0	13.3
144	544926.00	4836705.58	396.61	1	D	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
144	544926.00	4836705.58	396.61	1	N	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
144	544926.00	4836705.58	396.61	1	E	A	61.4	4.8	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	4.6
146	545043.31	4836677.32	388.46	0	D	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
146	545043.31	4836677.32	388.46	0	N	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
146	545043.31	4836677.32	388.46	0	E	A	61.4	9.0	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	11.9
164	545022.35	4836701.71	391.72	0	D	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
164	545022.35	4836701.71	391.72	0	N	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
164	545022.35	4836701.71	391.72	0	E	A	61.4	8.4	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.8	0.0	0.0	0.3
166	545020.60	4836703.62	391.93	1	D	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
166	545020.60	4836703.62	391.93	1	N	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
166	545020.60	4836703.62	391.93	1	E	A	61.4	2.2	0.0	0.0	0.0	57.0	0.9	2.1	0.0	0.0	21.3	0.0	3.3	-21.1
167	545023.32	4836700.66	391.60	2	D	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
167	545023.32	4836700.66	391.60	2	N	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
167	545023.32	4836700.66	391.60	2	E	A	61.4	6.0	0.0	0.0	0.0	58.9	1.1	2.2	0.0	0.0	17.8	0.0	6.2	-18.9
169	545022.47	4836701.58	391.70	1	D	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
169	545022.47	4836701.58	391.70	1	N	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
169	545022.47	4836701.58	391.70	1	E	A	61.4	8.0	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	6.8
171	545020.20	4836704.07	391.98	1	D	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
171	545020.20	4836704.07	391.98	1	N	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
171	545020.20	4836704.07	391.98	1	E	A	61.4	-3.5	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	-4.5
172	545022.64	4836701.39	391.68	2	D	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
172	545022.64	4836701.39	391.68	2	N	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
172	545022.64	4836701.39	391.68	2	E	A	61.4	7.8	0.0	0.0	0.0	57.4	1.0	1.5	0.0	0.0	0.0	0.0	4.2	5.0
173	545020.34	4836703.92	391.96	2	D	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
173	545020.34	4836703.92	391.96	2	N	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
173	545020.34	4836703.92	391.96	2	E	A	61.4	-0.6	0.0	0.0	0.0	57.4	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-3.3
175	545009.25	4836715.28	393.26	0	D	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
175	545009.25	4836715.28	393.26	0	N	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
175	545009.25	4836715.28	393.26	0	E	A	61.4	8.3	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	12.2
177	544962.89	4836668.33	394.57	0	D	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
177	544962.89	4836668.33	394.57	0	N	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
177	544962.89	4836668.33	394.57	0	E	A	61.4	3.5	0.0	0.0	0.0	50.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	13.1
179	544962.93	4836668.28	394.57	1	D	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
179	544962.93	4836668.28	394.57	1	N	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
179	544962.93	4836668.28	394.57	1	E	A	61.4	3.2	0.0	0.0	0.0	59.7	1.2	1.3	0.0	0.0	0.0	0.0	8.7	-6.3
181	545030.69	4836692.38	390.54	0	D	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3
181	545030.69	4836692.38	390.54	0	N	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3
181	545030.69	4836692.38	390.54	0	E	A	61.4	6.0	0.0	0.0	0.0	55.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	9.3

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
183	545028.45	4836694.99	390.87	0	D	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
183	545028.45	4836694.99	390.87	0	N	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
183	545028.45	4836694.99	390.87	0	E	A	61.4	4.6	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	9.8	0.0	0.0	-1.6
192	544985.80	4836748.58	396.79	0	D	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
192	544985.80	4836748.58	396.79	0	N	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
192	544985.80	4836748.58	396.79	0	E	A	61.4	8.1	0.0	0.0	0.0	55.3	0.8	0.2	0.0	0.0	19.7	0.0	0.0	-6.6
194	545048.99	4836670.08	387.68	0	D	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
194	545048.99	4836670.08	387.68	0	N	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
194	545048.99	4836670.08	387.68	0	E	A	61.4	8.1	0.0	0.0	0.0	55.4	0.8	2.5	0.0	0.0	0.0	0.0	0.0	10.7
196	544940.58	4836690.78	395.97	0	D	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
196	544940.58	4836690.78	395.97	0	N	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
196	544940.58	4836690.78	395.97	0	E	A	61.4	3.0	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.4
222	544935.05	4836731.20	395.37	0	D	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
222	544935.05	4836731.20	395.37	0	N	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
222	544935.05	4836731.20	395.37	0	E	A	61.4	5.6	0.0	0.0	0.0	53.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	13.4
224	544955.72	4836675.54	395.00	0	D	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
224	544955.72	4836675.54	395.00	0	N	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
224	544955.72	4836675.54	395.00	0	E	A	61.4	2.6	0.0	0.0	0.0	50.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	12.3
226	544973.27	4836657.88	393.56	0	D	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
226	544973.27	4836657.88	393.56	0	N	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
226	544973.27	4836657.88	393.56	0	E	A	61.4	2.8	0.0	0.0	0.0	50.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	12.3
228	544973.27	4836657.88	393.56	1	D	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
228	544973.27	4836657.88	393.56	1	N	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
228	544973.27	4836657.88	393.56	1	E	A	61.4	2.8	0.0	0.0	0.0	59.6	1.2	1.6	0.0	0.0	0.0	0.0	2.7	-1.0
230	544978.85	4836754.03	397.00	0	D	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
230	544978.85	4836754.03	397.00	0	N	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
230	544978.85	4836754.03	397.00	0	E	A	61.4	7.5	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.2	0.0	0.0	-10.4
232	544997.23	4836728.96	395.20	0	D	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
232	544997.23	4836728.96	395.20	0	N	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
232	544997.23	4836728.96	395.20	0	E	A	61.4	6.9	0.0	0.0	0.0	54.9	0.8	-0.3	0.0	0.0	0.0	0.0	0.0	13.0
246	544934.67	4836696.69	396.11	0	D	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
246	544934.67	4836696.69	396.11	0	N	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
246	544934.67	4836696.69	396.11	0	E	A	61.4	2.4	0.0	0.0	0.0	50.5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	11.5
248	544934.67	4836696.69	396.11	1	D	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
248	544934.67	4836696.69	396.11	1	N	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
248	544934.67	4836696.69	396.11	1	E	A	61.4	2.4	0.0	0.0	0.0	57.3	1.0	1.2	0.0	0.0	0.0	0.0	2.2	2.1
250	544927.77	4836718.82	396.00	0	D	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
250	544927.77	4836718.82	396.00	0	N	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
250	544927.77	4836718.82	396.00	0	E	A	61.4	3.8	0.0	0.0	0.0	52.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	12.4
252	544927.77	4836718.82	396.00	1	D	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
252	544927.77	4836718.82	396.00	1	N	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
252	544927.77	4836718.82	396.00	1	E	A	61.4	3.8	0.0	0.0	0.0	55.9	0.8	1.9	0.0	0.0	0.0	0.0	2.1	4.5
254	545013.48	4836711.20	392.82	0	D	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
254	545013.48	4836711.20	392.82	0	N	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
254	545013.48	4836711.20	392.82	0	E	A	61.4	6.7	0.0	0.0	0.0	54.8	0.8	1.0	0.0	0.0	0.0	0.0	0.0	11.5
255	545014.16	4836710.54	392.76	1	D	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
255	545014.16	4836710.54	392.76	1	N	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
255	545014.16	4836710.54	392.76	1	E	A	61.4	4.4	0.0	0.0	0.0	57.2	1.0	0.6	0.0	0.0	0.0	0.0	2.2	4.7
257	544957.53	4836753.16	397.39	0	D	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
257	544957.53	4836753.16	397.39	0	N	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
257	544957.53	4836753.16	397.39	0	E	A	61.4	6.6	0.0	0.0	0.0	54.8	0.7	1.3	0.0	0.0	0.0	0.0	0.0	11.1
259	544924.52	4836711.66	396.48	0	D	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
259	544924.52	4836711.66	396.48	0	N	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
259	544924.52	4836711.66	396.48	0	E	A	61.4	3.0	0.0	0.0	0.0	51.4	0.5	1.8	0.0	0.0	0.0	0.0	0.0	10.7
260	544924.52	4836711.66	396.48	1	D	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
260	544924.52	4836711.66	396.48	1	N	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
260	544924.52	4836711.66	396.48	1	E	A	61.4	3.0	0.0	0.0	0.0	56.2	0.9	2.0	0.0	0.0	0.0	0.0	2.1	3.3
262	544995.81	4836733.44	395.56	0	D	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
262	544995.81	4836733.44	395.56	0	N	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
262	544995.81	4836733.44	395.56	0	E	A	61.4	6.5	0.0	0.0	0.0	55.0	0.8	-1.0	0.0	0.0	0.0	0.0	0.0	13.2
263	544937.54	4836733.31	395.27	0	D	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
263	544937.54	4836733.31	395.27	0	N	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7
263	544937.54	4836733.31	395.27	0	E	A	61.4	4.6	0.0	0.0	0.0	53.2	0.6	1.5	0.0	0.0	0.0	0.0	0.0	10.7

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
265	545026.08	4836697.63	391.22	0	D	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
265	545026.08	4836697.63	391.22	0	N	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
265	545026.08	4836697.63	391.22	0	E	A	61.4	6.3	0.0	0.0	0.0	55.0	0.8	2.1	0.0	0.0	12.4	0.0	0.0	-2.6
267	545024.86	4836698.97	391.41	2	D	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
267	545024.86	4836698.97	391.41	2	N	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
267	545024.86	4836698.97	391.41	2	E	A	61.4	-2.3	0.0	0.0	0.0	57.5	1.0	1.4	0.0	0.0	0.0	0.0	4.2	-5.0
275	545067.69	4836647.17	384.64	0	D	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
275	545067.69	4836647.17	384.64	0	N	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
275	545067.69	4836647.17	384.64	0	E	A	61.4	7.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	8.8
277	544931.65	4836727.49	395.62	0	D	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
277	544931.65	4836727.49	395.62	0	N	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
277	544931.65	4836727.49	395.62	0	E	A	61.4	3.7	0.0	0.0	0.0	52.7	0.6	-1.1	0.0	0.0	0.0	0.0	0.0	12.9
279	544931.03	4836726.56	395.68	1	D	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
279	544931.03	4836726.56	395.68	1	N	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
279	544931.03	4836726.56	395.68	1	E	A	61.4	-8.9	0.0	0.0	0.0	55.5	0.8	1.0	0.0	0.0	0.0	0.0	2.1	-7.0
281	544926.92	4836716.85	396.07	0	D	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
281	544926.92	4836716.85	396.07	0	N	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
281	544926.92	4836716.85	396.07	0	E	A	61.4	2.8	0.0	0.0	0.0	51.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	11.1
282	544926.92	4836716.85	396.07	1	D	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
282	544926.92	4836716.85	396.07	1	N	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
282	544926.92	4836716.85	396.07	1	E	A	61.4	2.8	0.0	0.0	0.0	55.9	0.8	2.0	0.0	0.0	0.0	0.0	2.1	3.2
297	545053.58	4836664.22	386.79	0	D	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
297	545053.58	4836664.22	386.79	0	N	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
297	545053.58	4836664.22	386.79	0	E	A	61.4	6.3	0.0	0.0	0.0	55.5	0.8	2.5	0.0	0.0	0.0	0.0	0.0	8.8
300	545016.38	4836708.24	392.53	0	D	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
300	545016.38	4836708.24	392.53	0	N	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
300	545016.38	4836708.24	392.53	0	E	A	61.4	5.6	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	10.3
302	545016.38	4836708.24	392.53	1	D	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
302	545016.38	4836708.24	392.53	1	N	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
302	545016.38	4836708.24	392.53	1	E	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.0	0.0	0.0	0.0	0.0	2.2	4.6
304	545019.37	4836704.97	392.11	0	D	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
304	545019.37	4836704.97	392.11	0	N	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
304	545019.37	4836704.97	392.11	0	E	A	61.4	3.1	0.0	0.0	0.0	54.9	0.8	2.0	0.0	0.0	11.0	0.0	0.0	-4.2
305	545018.15	4836706.31	392.31	0	D	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
305	545018.15	4836706.31	392.31	0	N	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
305	545018.15	4836706.31	392.31	0	E	A	61.4	2.1	0.0	0.0	0.0	54.9	0.8	1.1	0.0	0.0	0.0	0.0	0.0	6.7
307	545019.71	4836704.60	392.05	1	D	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
307	545019.71	4836704.60	392.05	1	N	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
307	545019.71	4836704.60	392.05	1	E	A	61.4	-0.0	0.0	0.0	0.0	57.0	0.9	2.2	0.0	0.0	21.2	0.0	3.3	-23.3
309	545018.83	4836705.57	392.20	1	D	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
309	545018.83	4836705.57	392.20	1	N	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
309	545018.83	4836705.57	392.20	1	E	A	61.4	5.6	0.0	0.0	0.0	57.2	1.0	2.1	0.0	0.0	0.0	0.0	2.2	4.5
311	545019.41	4836704.92	392.10	2	D	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
311	545019.41	4836704.92	392.10	2	N	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
311	545019.41	4836704.92	392.10	2	E	A	61.4	2.7	0.0	0.0	0.0	57.4	1.0	1.6	0.0	0.0	0.0	0.0	4.2	-0.1
313	545001.05	4836723.36	394.85	0	D	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
313	545001.05	4836723.36	394.85	0	N	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
313	545001.05	4836723.36	394.85	0	E	A	61.4	5.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	9.5
314	544943.13	4836738.34	395.41	0	D	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
314	544943.13	4836738.34	395.41	0	N	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
314	544943.13	4836738.34	395.41	0	E	A	61.4	4.1	0.0	0.0	0.0	53.7	0.7	1.7	0.0	0.0	0.0	0.0	0.0	9.4
316	544939.55	4836735.01	395.26	0	D	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
316	544939.55	4836735.01	395.26	0	N	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
316	544939.55	4836735.01	395.26	0	E	A	61.4	3.7	0.0	0.0	0.0	53.4	0.6	1.9	0.0	0.0	0.0	0.0	0.0	9.1
318	544941.32	4836736.61	395.28	0	D	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
318	544941.32	4836736.61	395.28	0	N	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
318	544941.32	4836736.61	395.28	0	E	A	61.4	3.8	0.0	0.0	0.0	53.5	0.7	2.0	0.0	0.0	0.0	0.0	0.0	9.0
320	544932.98	4836729.25	395.51	0	D	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
320	544932.98	4836729.25	395.51	0	N	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
320	544932.98	4836729.25	395.51	0	E	A	61.4	3.2	0.0	0.0	0.0	52.9	0.6	-1.2	0.0	0.0	0.0	0.0	0.0	12.2
322	545057.53	4836659.29	386.21	0	D	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2
322	545057.53	4836659.29	386.21	0	N	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2
322	545057.53	4836659.29	386.21	0	E	A	61.4	6.0	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.2

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
324	545060.02	4836656.32	385.75	0	D	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
324	545060.02	4836656.32	385.75	0	N	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
324	545060.02	4836656.32	385.75	0	E	A	61.4	5.8	0.0	0.0	0.0	55.7	0.8	2.7	0.0	0.0	0.0	0.0	0.0	8.0
327	544924.19	4836710.04	396.59	0	D	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
327	544924.19	4836710.04	396.59	0	N	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
327	544924.19	4836710.04	396.59	0	E	A	61.4	1.3	0.0	0.0	0.0	51.2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	9.0
328	544924.19	4836710.04	396.59	1	D	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
328	544924.19	4836710.04	396.59	1	N	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
328	544924.19	4836710.04	396.59	1	E	A	61.4	1.3	0.0	0.0	0.0	56.2	0.9	2.2	0.0	0.0	0.0	0.0	2.1	1.3
330	545005.74	4836718.67	393.76	0	D	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
330	545005.74	4836718.67	393.76	0	N	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
330	545005.74	4836718.67	393.76	0	E	A	61.4	4.9	0.0	0.0	0.0	54.8	0.7	1.9	0.0	0.0	0.0	0.0	0.0	8.8
331	544960.17	4836755.94	397.65	0	D	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
331	544960.17	4836755.94	397.65	0	N	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
331	544960.17	4836755.94	397.65	0	E	A	61.4	5.0	0.0	0.0	0.0	55.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	9.3
333	544925.16	4836713.22	396.35	0	D	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
333	544925.16	4836713.22	396.35	0	N	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
333	544925.16	4836713.22	396.35	0	E	A	61.4	1.4	0.0	0.0	0.0	51.5	0.5	1.6	0.0	0.0	0.0	0.0	0.0	9.1
335	544925.16	4836713.22	396.35	1	D	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
335	544925.16	4836713.22	396.35	1	N	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
335	544925.16	4836713.22	396.35	1	E	A	61.4	1.4	0.0	0.0	0.0	56.1	0.9	2.1	0.0	0.0	0.0	0.0	2.1	1.6
337	544972.12	4836757.76	397.19	0	D	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
337	544972.12	4836757.76	397.19	0	N	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
337	544972.12	4836757.76	397.19	0	E	A	61.4	5.3	0.0	0.0	0.0	55.4	0.8	2.2	0.0	0.0	19.2	0.0	0.0	-10.9
339	544944.90	4836740.03	395.58	0	D	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
339	544944.90	4836740.03	395.58	0	N	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
339	544944.90	4836740.03	395.58	0	E	A	61.4	3.6	0.0	0.0	0.0	53.8	0.7	1.5	0.0	0.0	0.0	0.0	0.0	9.0
340	544924.30	4836708.75	396.64	0	D	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
340	544924.30	4836708.75	396.64	0	N	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
340	544924.30	4836708.75	396.64	0	E	A	61.4	1.0	0.0	0.0	0.0	51.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	8.9
342	544924.30	4836708.75	396.64	1	D	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
342	544924.30	4836708.75	396.64	1	N	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
342	544924.30	4836708.75	396.64	1	E	A	61.4	1.0	0.0	0.0	0.0	56.3	0.9	2.2	0.0	0.0	0.0	0.0	2.1	0.9
343	544951.41	4836746.43	396.49	0	D	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
343	544951.41	4836746.43	396.49	0	N	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
343	544951.41	4836746.43	396.49	0	E	A	61.4	4.1	0.0	0.0	0.0	54.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	8.8
345	544975.23	4836756.40	397.00	0	D	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
345	544975.23	4836756.40	397.00	0	N	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
345	544975.23	4836756.40	397.00	0	E	A	61.4	4.8	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.7	0.0	0.0	-12.6
347	545063.39	4836652.30	385.19	0	D	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
347	545063.39	4836652.30	385.19	0	N	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
347	545063.39	4836652.30	385.19	0	E	A	61.4	5.2	0.0	0.0	0.0	55.9	0.8	2.6	0.0	0.0	0.0	0.0	0.0	7.3
349	544925.76	4836714.38	396.25	0	D	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
349	544925.76	4836714.38	396.25	0	N	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
349	544925.76	4836714.38	396.25	0	E	A	61.4	0.9	0.0	0.0	0.0	51.6	0.5	1.3	0.0	0.0	0.0	0.0	0.0	8.8
351	544925.76	4836714.38	396.25	1	D	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
351	544925.76	4836714.38	396.25	1	N	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
351	544925.76	4836714.38	396.25	1	E	A	61.4	0.9	0.0	0.0	0.0	56.1	0.8	2.0	0.0	0.0	0.0	0.0	2.1	1.3
371	545033.33	4836689.30	390.15	0	D	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
371	545033.33	4836689.30	390.15	0	N	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
371	545033.33	4836689.30	390.15	0	E	A	61.4	4.3	0.0	0.0	0.0	55.1	0.8	2.5	0.0	0.0	0.0	0.0	0.0	7.3
382	544982.18	4836751.43	397.00	0	D	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
382	544982.18	4836751.43	397.00	0	N	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
382	544982.18	4836751.43	397.00	0	E	A	61.4	4.4	0.0	0.0	0.0	55.4	0.8	2.0	0.0	0.0	21.4	0.0	0.0	-13.7
384	544926.29	4836715.46	396.18	0	D	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
384	544926.29	4836715.46	396.18	0	N	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
384	544926.29	4836715.46	396.18	0	E	A	61.4	0.7	0.0	0.0	0.0	51.7	0.5	1.0	0.0	0.0	0.0	0.0	0.0	8.8
385	544926.29	4836715.46	396.18	1	D	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
385	544926.29	4836715.46	396.18	1	N	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
385	544926.29	4836715.46	396.18	1	E	A	61.4	0.7	0.0	0.0	0.0	56.0	0.8	1.9	0.0	0.0	0.0	0.0	2.1	1.1
387	544994.57	4836736.63	395.82	0	D	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6
387	544994.57	4836736.63	395.82	0	N	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6
387	544994.57	4836736.63	395.82	0	E	A	61.4	3.8	0.0	0.0	0.0	55.1	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	10.6

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
388	544948.83	4836743.86	396.00	0	D	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
388	544948.83	4836743.86	396.00	0	N	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
388	544948.83	4836743.86	396.00	0	E	A	61.4	2.8	0.0	0.0	0.0	54.1	0.7	1.2	0.0	0.0	0.0	0.0	0.0	8.2
389	545003.04	4836721.27	394.60	0	D	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
389	545003.04	4836721.27	394.60	0	N	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
389	545003.04	4836721.27	394.60	0	E	A	61.4	3.5	0.0	0.0	0.0	54.8	0.7	1.8	0.0	0.0	0.0	0.0	0.0	7.5
392	544969.39	4836758.64	397.47	0	D	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
392	544969.39	4836758.64	397.47	0	N	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
392	544969.39	4836758.64	397.47	0	E	A	61.4	3.9	0.0	0.0	0.0	55.4	0.8	2.1	0.0	0.0	14.7	0.0	0.0	-7.7
393	544924.85	4836707.13	396.66	0	D	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
393	544924.85	4836707.13	396.66	0	N	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
393	544924.85	4836707.13	396.66	0	E	A	61.4	-0.7	0.0	0.0	0.0	51.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	7.5
394	544924.85	4836707.13	396.66	1	D	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
394	544924.85	4836707.13	396.66	1	N	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
394	544924.85	4836707.13	396.66	1	E	A	61.4	-0.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-0.9
395	545055.58	4836661.68	386.50	0	D	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
395	545055.58	4836661.68	386.50	0	N	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
395	545055.58	4836661.68	386.50	0	E	A	61.4	3.5	0.0	0.0	0.0	55.6	0.8	2.5	0.0	0.0	0.0	0.0	0.0	6.0
396	544946.28	4836741.35	395.74	0	D	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
396	544946.28	4836741.35	395.74	0	N	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
396	544946.28	4836741.35	395.74	0	E	A	61.4	1.8	0.0	0.0	0.0	53.9	0.7	1.4	0.0	0.0	0.0	0.0	0.0	7.2
397	544962.20	4836757.49	397.72	0	D	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
397	544962.20	4836757.49	397.72	0	N	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
397	544962.20	4836757.49	397.72	0	E	A	61.4	3.0	0.0	0.0	0.0	55.1	0.8	1.1	0.0	0.0	0.0	0.0	0.0	7.4
398	545051.63	4836666.71	387.18	0	D	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
398	545051.63	4836666.71	387.18	0	N	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
398	545051.63	4836666.71	387.18	0	E	A	61.4	3.3	0.0	0.0	0.0	55.5	0.8	2.7	0.0	0.0	0.0	0.0	0.0	5.7
404	544955.45	4836750.83	397.23	0	D	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
404	544955.45	4836750.83	397.23	0	N	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
404	544955.45	4836750.83	397.23	0	E	A	61.4	2.4	0.0	0.0	0.0	54.6	0.7	1.2	0.0	0.0	0.0	0.0	0.0	7.2
405	544967.18	4836758.84	397.59	0	D	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
405	544967.18	4836758.84	397.59	0	N	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
405	544967.18	4836758.84	397.59	0	E	A	61.4	3.1	0.0	0.0	0.0	55.3	0.8	1.9	0.0	0.0	12.0	0.0	0.0	-5.5
406	544952.85	4836747.91	396.68	0	D	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
406	544952.85	4836747.91	396.68	0	N	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
406	544952.85	4836747.91	396.68	0	E	A	61.4	2.0	0.0	0.0	0.0	54.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0	6.7
407	544950.01	4836745.03	396.19	0	D	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
407	544950.01	4836745.03	396.19	0	N	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
407	544950.01	4836745.03	396.19	0	E	A	61.4	1.7	0.0	0.0	0.0	54.2	0.7	1.3	0.0	0.0	0.0	0.0	0.0	6.8
408	544953.89	4836749.09	396.88	0	D	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
408	544953.89	4836749.09	396.88	0	N	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
408	544953.89	4836749.09	396.88	0	E	A	61.4	1.9	0.0	0.0	0.0	54.5	0.7	1.4	0.0	0.0	0.0	0.0	0.0	6.6
409	544928.41	4836720.34	395.95	0	D	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
409	544928.41	4836720.34	395.95	0	N	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
409	544928.41	4836720.34	395.95	0	E	A	61.4	-0.5	0.0	0.0	0.0	52.1	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	8.4
410	544928.41	4836720.34	395.95	1	D	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
410	544928.41	4836720.34	395.95	1	N	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
410	544928.41	4836720.34	395.95	1	E	A	61.4	-0.5	0.0	0.0	0.0	55.8	0.8	2.0	0.0	0.0	0.0	0.0	2.1	0.2
411	544947.31	4836742.36	395.92	0	D	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
411	544947.31	4836742.36	395.92	0	N	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
411	544947.31	4836742.36	395.92	0	E	A	61.4	1.4	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	6.8
412	544924.53	4836707.82	396.66	0	D	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
412	544924.53	4836707.82	396.66	0	N	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
412	544924.53	4836707.82	396.66	0	E	A	61.4	-1.7	0.0	0.0	0.0	51.1	0.5	1.6	0.0	0.0	0.0	0.0	0.0	6.5
413	544924.53	4836707.82	396.66	1	D	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
413	544924.53	4836707.82	396.66	1	N	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
413	544924.53	4836707.82	396.66	1	E	A	61.4	-1.7	0.0	0.0	0.0	56.3	0.9	2.3	0.0	0.0	0.0	0.0	2.1	-1.9
414	544998.59	4836726.07	395.01	0	D	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
414	544998.59	4836726.07	395.01	0	N	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
414	544998.59	4836726.07	395.01	0	E	A	61.4	2.0	0.0	0.0	0.0	54.8	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	8.3
415	544965.37	4836758.67	397.65	0	D	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7
415	544965.37	4836758.67	397.65	0	N	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7
415	544965.37	4836758.67	397.65	0	E	A	61.4	2.1	0.0	0.0	0.0	55.3	0.8	1.1	0.0	0.0	9.1	0.0	0.0	-2.7

Appendix C - Sample Calculations - Amplified Music - POR01

Line Source, ISO 9613, Name: "Vehicle Movements", ID: "VEHICLE"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
416	544963.84	4836758.22	397.68	0	D	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
416	544963.84	4836758.22	397.68	0	N	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
416	544963.84	4836758.22	397.68	0	E	A	61.4	2.0	0.0	0.0	0.0	55.2	0.8	0.7	0.0	0.0	6.2	0.0	0.0	0.4
417	545065.03	4836650.35	385.00	0	D	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
417	545065.03	4836650.35	385.00	0	N	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
417	545065.03	4836650.35	385.00	0	E	A	61.4	2.6	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	4.4
418	545061.79	4836654.21	385.44	0	D	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
418	545061.79	4836654.21	385.44	0	N	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
418	545061.79	4836654.21	385.44	0	E	A	61.4	2.3	0.0	0.0	0.0	55.8	0.8	2.5	0.0	0.0	0.0	0.0	0.0	4.6
422	545004.24	4836720.11	394.25	0	D	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
422	545004.24	4836720.11	394.25	0	N	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
422	545004.24	4836720.11	394.25	0	E	A	61.4	0.8	0.0	0.0	0.0	54.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	5.0
423	545040.28	4836681.19	389.04	0	D	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
423	545040.28	4836681.19	389.04	0	N	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
423	545040.28	4836681.19	389.04	0	E	A	61.4	1.1	0.0	0.0	0.0	55.2	0.8	2.6	0.0	0.0	0.0	0.0	0.0	3.9
424	544993.61	4836738.16	395.95	0	D	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
424	544993.61	4836738.16	395.95	0	N	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
424	544993.61	4836738.16	395.95	0	E	A	61.4	0.8	0.0	0.0	0.0	55.1	0.8	-1.1	0.0	0.0	0.0	0.0	0.0	7.4
425	544999.48	4836725.08	395.00	0	D	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
425	544999.48	4836725.08	395.00	0	N	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
425	544999.48	4836725.08	395.00	0	E	A	61.4	0.4	0.0	0.0	0.0	54.8	0.7	-0.0	0.0	0.0	0.0	0.0	0.0	6.3
426	545046.08	4836673.79	388.00	0	D	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
426	545046.08	4836673.79	388.00	0	N	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
426	545046.08	4836673.79	388.00	0	E	A	61.4	0.3	0.0	0.0	0.0	55.3	0.8	2.5	0.0	0.0	0.0	0.0	0.0	3.0
427	545046.71	4836672.99	388.00	0	D	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
427	545046.71	4836672.99	388.00	0	N	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
427	545046.71	4836672.99	388.00	0	E	A	61.4	-0.1	0.0	0.0	0.0	55.4	0.8	2.6	0.0	0.0	0.0	0.0	0.0	2.5
430	544954.64	4836749.92	397.12	0	D	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
430	544954.64	4836749.92	397.12	0	N	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
430	544954.64	4836749.92	397.12	0	E	A	61.4	-1.3	0.0	0.0	0.0	54.6	0.7	1.3	0.0	0.0	0.0	0.0	0.0	3.4
431	544939.79	4836691.57	396.01	0	D	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
431	544939.79	4836691.57	396.01	0	N	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
431	544939.79	4836691.57	396.01	0	E	A	61.4	-5.7	0.0	0.0	0.0	50.3	0.5	1.2	0.0	0.0	0.0	0.0	0.0	3.7
444	545032.23	4836690.59	390.32	0	D	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
444	545032.23	4836690.59	390.32	0	N	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
444	545032.23	4836690.59	390.32	0	E	A	61.4	-1.4	0.0	0.0	0.0	55.1	0.8	2.4	0.0	0.0	0.0	0.0	0.0	1.7
445	544993.11	4836738.97	396.03	0	D	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
445	544993.11	4836738.97	396.03	0	N	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
445	544993.11	4836738.97	396.03	0	E	A	61.4	-1.6	0.0	0.0	0.0	55.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	5.1
446	544947.97	4836743.01	396.00	0	D	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
446	544947.97	4836743.01	396.00	0	N	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
446	544947.97	4836743.01	396.00	0	E	A	61.4	-3.0	0.0	0.0	0.0	54.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	2.5
452	545065.76	4836649.47	384.98	0	D	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
452	545065.76	4836649.47	384.98	0	N	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
452	545065.76	4836649.47	384.98	0	E	A	61.4	-3.3	0.0	0.0	0.0	55.9	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-1.5
453	545040.77	4836680.56	388.95	0	D	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
453	545040.77	4836680.56	388.95	0	N	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
453	545040.77	4836680.56	388.95	0	E	A	61.4	-4.9	0.0	0.0	0.0	55.2	0.8	2.5	0.0	0.0	0.0	0.0	0.0	-2.1
454	545065.99	4836649.20	384.94	0	D	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
454	545065.99	4836649.20	384.94	0	N	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
454	545065.99	4836649.20	384.94	0	E	A	61.4	-6.1	0.0	0.0	0.0	56.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	-4.3
455	544973.75	4836757.05	397.00	0	D	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
455	544973.75	4836757.05	397.00	0	N	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
455	544973.75	4836757.05	397.00	0	E	A	61.4	-7.0	0.0	0.0	0.0	55.4	0.8	1.9	0.0	0.0	20.3	0.0	0.0	-24.0
462	545011.76	4836712.86	392.99	0	D	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
462	545011.76	4836712.86	392.99	0	N	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
462	545011.76	4836712.86	392.99	0	E	A	61.4	-9.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-4.6
471	545011.68	4836712.94	393.00	0	D	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
471	545011.68	4836712.94	393.00	0	N	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
471	545011.68	4836712.94	393.00	0	E	A	61.4	-12.3	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-7.7
477	545011.71	4836712.91	393.00	0	D	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6
477	545011.71	4836712.91	393.00	0	N	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6
477	545011.71	4836712.91	393.00	0	E	A	61.4	-16.2	0.0	0.0	0.0	54.8	0.7	1.2	0.0	0.0	0.0	0.0	0.0	-11.6



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