

The Wheatsheaf, 30 Oak Street Noise Impact Assessment

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This report has been prepared based upon a scope of works and associated resources agreed between the client and Philip Dunbavin Acoustics Ltd (PDA). This report has been prepared with all reasonable skill, care and diligence and has been based upon the interpretation of data collected. This has been accepted in good faith as being accurate and valid at the time of the collection. This report has been based solely on the specific design assumptions and criteria stated herein.



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1.0 SUMMARY

At the request of JSA Design, an acoustic appraisal has been conducted in relation the proposed conversion of rooms within The Wheatsheaf, 30 Oak Street to a residential apartment.

A noise survey has been conducted at site to establish the existing external noise level climate. Additional sound insulation tests and noise measurements within the pub have also been conducted

Internal ambient noise levels for the proposed residential apartments have been calculated based on the results of the noise survey, and dimensions for the room volumes and external façade/window areas. The predicted internal ambient noise levels achieve the recommended criteria for residential dwellings as given by BS 8233 & WHO 1999. The results of the noise survey and the required glazing and ventilation specifications to control noise egress from external noise sources are detailed in Sections 4-5.

An assessment of noise ingress from the pub operations has been conducted and mitigation measures are proposed to achieve the MCCPNTG 2015 internal noise level criteria for music venues attached to residential properties. The results of this assessment and the required mitigation measures are detailed in Section 6 of this report.

The separating walls and floors of the proposed development are also required to meet the sound insulation of Approved Document E (ADE) in accordance with Building Regulations. Proposed details to achieve these requirements are provided in Section 7 of this report.

All possible remedial works as detailed in this report have been derived on acoustic principals only. Before carrying out any remedial actions the proposed design remedial measures should be assessed and confirmed as suitable in regards to maintaining structural and fire integrity by others. Other health and safety matters arising from the proposed remedial measures including for the possibility of asbestos being located within existing materials and/or areas should also be assessed by others before proceeding.

2.0 SITE DESCRIPTION

The Wheatsheaf pub is located to 30 Oak Street, Manchester, M4 5JE. The proposed development includes for the conversion of several un-used rooms into a residential apartment. An overview of the proposed development is shown in Figures 1-2 below.



Figure 1. Site Location

The Wheatsheaf pub is primarily surrounded by residential properties, although it is also a short distance away from other pubs or similar venues in the area.

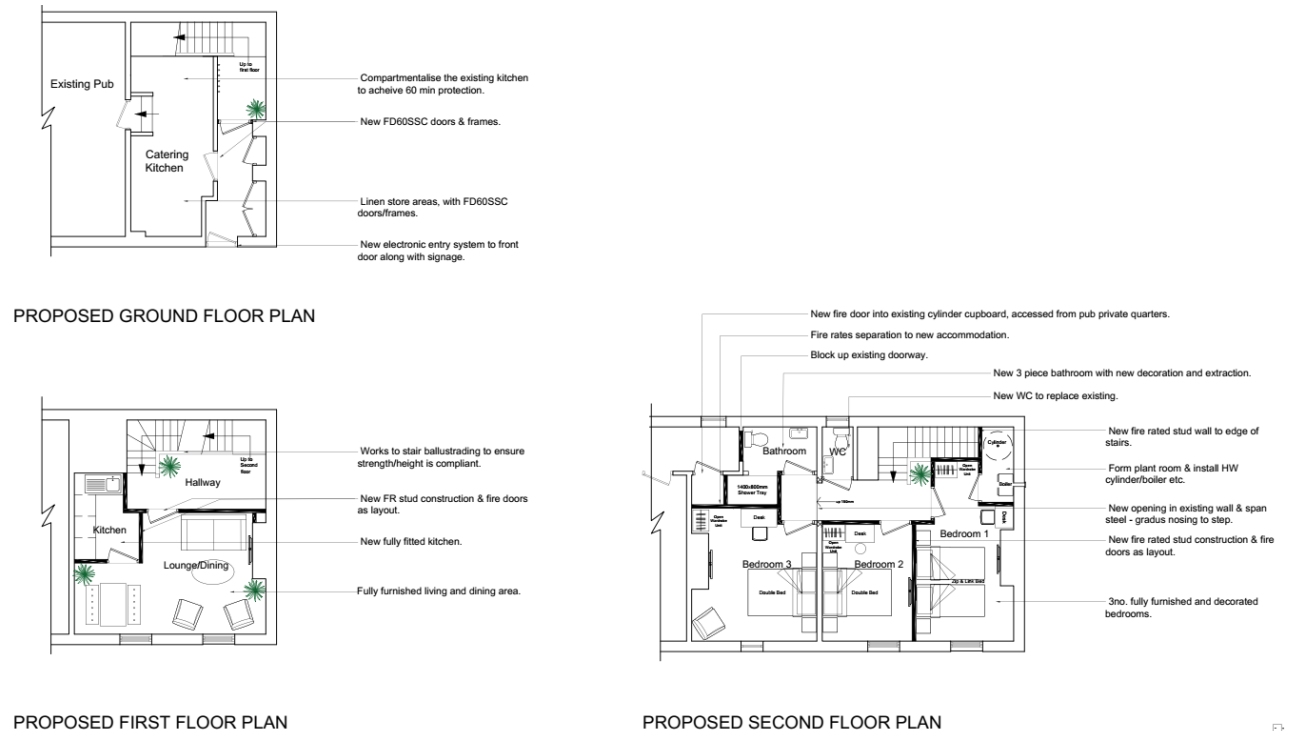


Figure 2. Proposed Floor Plans for Conversion

The Wheatsheaf Pub regularly has karaoke on Friday evenings and a DJ set on Saturday evening. It is understood that both the karaoke and DJ set conclude at 22:30pm and the Pub is shut to the public at 23:00. The DJ set is considered the loudest entertainment noise source associated the Pub operations and noise ingress from this noise source has been considered within our assessment.

3.0 ASSESSMENT CRITERIA

3.1 National Planning Policy Framework

National Planning Policy is guided by the National Planning Policy Framework (NPPF) updated in February 2025. With regard to Noise the Framework states the following;

Planning policies and decisions should contribute to and enhance the natural and local environment by:

- *preventing new and existing development from contributing to, being put at unacceptable risk from, or being adversely affected by, unacceptable levels of soil, air, water or noise pollution or land instability.*

Planning policies and decisions should also ensure that new development is appropriate for its location taking into account the likely effects (including cumulative effects) of pollution on health, living conditions and the natural environment, as well as the potential sensitivity of the site or the wider area to impacts that could arise from the development. In doing so they should:

- *mitigate and reduce to a minimum potential adverse impacts resulting from noise from new development – and avoid noise giving rise to significant adverse impacts on health and the quality of life;*
- *identify and protect tranquil areas which have remained relatively undisturbed by noise and are prized for their recreational and amenity value for this reason.*

The terms 'significant adverse impact' and 'adverse impact' are defined in the explanatory notes of the 'Noise Policy Statement for England (NPSE)' which states;

There are two established concepts from toxicology that are currently being applied to noise impacts, for example, by the World Health Organisation. They are:

NOEL – No Observed Effect Level

This is the level below which no effect can be detected. In simple terms, below this level, there is no detectable effect on health and quality of life due to the noise.

LOAEL – Lowest Observed Adverse Effect Level

This is the level above which adverse effects on health and quality of life can be detected.

Extending these concepts for the purpose of this NPSE leads to the concept of a significant observed adverse effect level.

SOAEL – Significant Observed Adverse Effect Level

This is the level above which significant adverse effects on health and quality of life occur.

The notes also offer an explanation of the term 'other adverse impacts' as follows;

... refers to the situation where the impact lies somewhere between LOAEL and SOAEL. It requires that all reasonable steps should be taken to mitigate and minimise adverse effects on health and quality of life while also taking into account the guiding principles of sustainable development (paragraph 1.8). This does not mean that such adverse effects cannot occur.

Although no specific noise limits for LOAEL and SOAEL have been defined, in 2014 (and updated in July 2019) the UK Government published a planning practice guidance document for noise which indicates where these limits fall with relation to the perception of noise. A summary is reproduced in Section 3.2 below; the full document is published at <https://www.gov.uk/guidance/noise--2>.

3.2 Planning Practice Guidance – Noise

The UK Planning Practice Guidance on noise offers further guidance on the typical levels which constitute the NOEL, LOAEL and SOAEL and is reproduced in the table below;

Table 1. Planning Practice Noise Level Guidance

Response	Examples of Outcomes	Increasing Effect Level	Action
Not present	No Effect	No Observed Effect	No specific measures required
No Observed Adverse Effect Level			
Present and not intrusive	Noise can be heard, but does not cause any change in behaviour, attitude or other physiological response. Can slightly affect the acoustic character of the area but not such that there is a perceived change in the quality of life.	No Observed Adverse Effect	No specific measures required
Lowest Observed Adverse Effect Level			
Present and intrusive	Noise can be heard and causes small changes in behaviour, attitude or other physiological response, e.g. turning up volume of television; speaking more loudly; where there is no alternative ventilation, having to close windows for some of the time because of the noise. Potential for some reported sleep disturbance. Affects the acoustic character of the area such that there is a small actual or perceived change in the quality of life.	Observed Adverse Effect	Mitigate and reduce to a minimum
Significant Observed Adverse Effect Level			
Present and disruptive	The noise causes a material change in behaviour, attitude or other physiological response, e.g. avoiding certain activities during periods of intrusion; where there is no alternative ventilation, having to keep windows closed most of the time because of the noise. Potential for sleep disturbance resulting in difficulty in getting to sleep, premature awakening and difficulty in getting back to sleep. Quality of life diminished due to change in acoustic character of the area.	Significant Observed Adverse Effect	Avoid
Present and very disruptive	Extensive and regular changes in behaviour, attitude or other physiological response and/or an inability to mitigate effect of noise leading to psychological stress, e.g. regular sleep deprivation/awakening; loss of appetite, significant, medically definable harm, e.g. auditory and non-auditory	Unacceptable Adverse Effect	Prevent

3.3 Manchester City Council, Planning & Noise, Technical Guidance 2015 (MCCPNTG 2015)

MCCPNTG 2015 sets out MCC's noise design criteria to meet requirements of the NPPF for various types of developments.

Entertainment Venues

'Entertainment Venues' are not strictly defined within MCCPNTG 2015, however it is inferred that venues including for the playing of recorded music should be considered as an Entertainment Venue. Further to this MCCPNTG 2015 specifies that applicants and consultants in respect of the noise impact assessment for a new venue, should consider noise levels that are 'typical' the type of venue to be constructed, in anticipation that future owners of the venue may wish to provide some level of entertainment even if previously there was none.

The MCCPNTG 2015 considers that in regards to music, noise in the 63 Hz & 125Hz bands is particularly disturbing to local residents exposed to it. Therefore the assessment of the noise from entertainment venues should consider the overall noise (L_{Aeq}) and the 63 Hz and 125 Hz octave band noise levels (L_{eq}).

The following design criteria is given for new residential developments that are structurally connected to the entertainment venue (or vice versa) .

'Music noise levels in the 63Hz and 125Hz octave centre frequency bands (L_{eq}) should be controlled so as not to exceed (in habitable rooms) 47dB and 41dB (L_{eq}), respectively'

The MCCPNTG 2015 notes that the above criteria may also be applicable to new residential developments that are structurally separated from an existing entertainment venue.

3.4 BS 8233:2014 Guidance on Sound Insulation and Noise reduction for Buildings

Dwelling houses, flats and rooms in residential use

British Standard 8233:2014, Guidance on Sound Insulation and noise reduction for buildings, gives guidance on internal noise levels within dwellings, flats and rooms in residential use when unoccupied. The following criteria are for Living and Dining Rooms for daytime use and Bedrooms for night time.

Table 2. BS 8233 Recommended Indoor Ambient Noise Levels

Activity	Location	07:00 to 23:00	23:00 to 07:00
Resting	Living room	35 $L_{Aeq,16hour}$	—
Dining	Dining room/area	40 $L_{Aeq,16hour}$	—
Sleeping (daytime resting)	Bedrooms	35 $L_{Aeq,16hour}$	30 $L_{Aeq,8hour}$

It should however be stressed that the above criterion relates to steady noise, in this case from road traffic etc., excluding unusual noise events departing from the typical noise character of the area.

With regard to gardens and external areas, BS 8233:2014 (Section 7.7.3.2) gives the following advice:

For traditional external areas that are used for amenity space, such as gardens and patios, it is desirable that the external noise level does not exceed 50dB $L_{Aeq,T}$, with an upper guideline value of 55dB $L_{Aeq,T}$ which would be acceptable in noisier environments. However, it is also recognized that these guideline values are not achievable in all circumstances where development might be desirable. In higher noise areas, such as city centres or urban areas adjoining the strategic transport network, a compromise between elevated noise levels and other factors, such as the convenience of living in these locations or making efficient use of land resources to ensure development needs can be met, might be warranted. In such a situation, development should be designed to achieve the lowest practicable levels in these external amenity spaces, but should not be prohibited.

3.5 WHO Guidelines for Community Noise

In 1999, the WHO (World Health Organisation) published Guidelines for Community Noise, stating the following noise levels are applicable to residential dwellings.

Table 3. WHO Guidelines for Community Noise Criteria

Specific Environment	Critical Health Effect(s)	L_{Aeq} dB	Time Base (hours) *
Dwelling, indoors	Speech intelligibility & moderate annoyance, daytime & evening	35	16
Inside bedrooms	Sleep disturbance, night-time	30	8

* Typically taken to be daytime/evening - 07:00 – 23:00 hours and night time 23:00 – 07:00 hours.

In addition to the above continuous equivalent noise levels, WHO guidelines indicates that exceedances of 45 dB L_{Amax} for single sound events should be limited to no more than 10 – 15 times per night, when measured with a 'fast' time weighting.

3.6 Building Regulations, Approved Document E (ADE)

3.6.1 Building Regulations Approved Document E – Resistance to the Passage of Sound

Approved Document E (2003 edition, amended 2004, 2010, 2013 and 2015) of the current Building Regulations (2010), states the following requirements for residential buildings.

Protection against sound from other parts of the building and adjoining buildings

- E1. Dwelling-houses, flats and rooms for residential purposes shall be designed and constructed in such a way that they provide reasonable resistance to sound from other parts of the same building and from adjoining buildings.*

Protection against sound within a dwelling-house etc.

- E2. Dwelling-houses, flats and rooms for residential purposes shall be designed and constructed in such a way that:*

- (a) Internal walls between a bedroom or a room containing a water closet, and other rooms; and*
- (b) Internal floors*

provide reasonable resistance to sound.

Requirement E2 does not apply to:

- (a) an internal wall which contains a door;*
- (b) an internal wall which separates an en suite toilet from the associated bedroom;*
- (c) existing wall and floors in a building which is subject to a material change of use.*

Reverberation in the common internal parts of buildings containing flats or rooms for residential purposes

- E3. The common internal parts of building which contain flats or rooms for residential purposes shall be designed and constructed in such a way as to prevent more reverberation around the common parts than is reasonable.*

Requirement E3 only applies to corridors, stairwells, hallways and entrance halls which give access to the flat or room for residential purposes.

3.6.2 Approved Document E 2003 Design Criteria

Approved Document E “Resistance to the Passage of Sound” 2003 edition provides guidance to meeting the requirements of the Building Regulations 2010. The document provides specific values of sound insulation that are required in a number of situations. In the case of the airborne sound insulation of both separating walls and floors, the required sound insulation performance standards are quoted in terms of the $D_{nT,w} + C_{tr}$ values. In this case the C_{tr} value is a low frequency adaptation term.

In accordance with ADE2003 dwelling houses and flats are classed as “formed by material change of use” category and the required airborne and impact sound insulation values are as per the table detailed below:

Table 4. Building Regulations ADE requirements – E1

Dwelling houses and flats formed by material change of use	Airborne Sound Insulation $D_{nT,w} + C_{tr}$ dB (minimum values)	Impact Sound Insulation $L'_{nT,w}$ dB (maximum values)
Walls	≥ 43	–
Floors	≥ 43	≤ 64

All separating walls and floors should meet the above values. It should be noted that the values given in the table above are on-site values to be confirmed by testing upon project completion.

With reference to the airborne sound insulation requirements, a separating element will be judged to have 'passed' the test providing the results meet or exceed the minimum value detailed in the table above.

It should however be checked with building control/inspector the requirements for a listed building as due to building upgrading restrictions it may not be possible to meet the requirements of Building Regulations ADE 2003. Section 0.7 of Building Regulations ADE 2003 states:

In the case of some historic buildings undergoing a material change of use, it may not be practical to improve the sound insulation to the standards set out in Table 1. The need to conserve the special characteristics of such historic buildings need to be recognised, and in such work, the aim should be to improve sound insulation to the extent that is practically possible, always provided that the work does not prejudice the character of the historic building, or increase the risk of long term deterioration to the building fabric or fittings. In arriving at an appropriate balance between historic building conservation and improving sound insulation it would be appropriate to take into account the advice of the local planning authority's conservation officer. In such cases it will be reasonable to improve the sound insulation as much as is practical, and affix a notice showing sound insulation values obtained by testing in accordance with Regulation 20A or 12A, in a conspicuous place inside the building.

Approved Document E 2003 edition also provides minimum performance requirements for internal walls. Internal walls and internal floors should meet a performance value of 40 dB R_w . It is not the intention of the approved document to assess this performance on site; the usual method of satisfying this requirement is to provide laboratory sound insulation values; laboratory test data will usually be provided by the manufacturer.

Approved Document E states that reverberation time in common internal parts of buildings containing flats or rooms for residential purposes can be controlled to a reasonable level to fulfil the requirements of E3 by either:

Method A: Cover a specified area with an absorber of an appropriate class that has been rated according to BS EN ISO 11654:1997 *Acoustics. Sound absorbers for use in buildings. Rating of sound absorption*.

Method B: Determine the minimum amount of absorptive material using a calculation procedure in octave bands. Method B is intended only for corridors, hallways and entrance halls as it is not well suited to stairwells.

4.0 SURVEY DETAILS AND RESULTS

4.1 Noise Survey Details

An ambient noise survey was carried out between 11:34 hours, Friday 27th March 2026 and 09:10 hours, Monday 30th March 2026. All measurements were conducted in 5-minute samples by Tom Dixon of PDA. The measurement was conducted at the height of the 2nd floor level which is the same level for the bedrooms of the proposed apartment. The microphone of the noise meter was fixed to a pole protruding through a window facing onto Brightwell Walk/Oak Street. The microphone location is illustrated in Figure 1 above. During the noise survey karaoke took place on the Friday evening and a DJ set took place on the Saturday evening.

All noise measurements were conducted utilising the following equipment:

LT1 -NTI XL2 (SN- A2A-25281-E1) -Sound Level Meter

In accordance with IEC 61672-1:2002 the sound level meter has a Class 1 frequency response and can operate as an integrating sound level meter with frequency analysis and statistical functions.

The sound level meter was set to measure 'A' weighted, broadband and 1/3 octave band sound pressure levels and various statistical. Measurements were made utilising a 5-minute sampling period. The meter was field calibrated both before and after each measurement. A valid calibration certificate is held for the meter and calibrator. It was ensured that the sound level meters were fitted with a windshield at all times. Audio recordings were made throughout the survey.

4.2 Weather

Typical weather conditions throughout the survey were as follows:

Temperature- 7-10°C
Wind - 1-4 m/s
Rain - predominantly dry, some periods of rain, brief hail storm 17:00-18:00,29/03/26.

4.3 Noise Sources

During the noise survey the ambient noise climate was dominated by distant traffic sources for the majority of the survey. During Friday and Saturday evening periods noise from the pub was also audible including for music originating from the Karaoke (Friday) and DJ (Saturday) and patrons conversing outside.

4.4 Results

The full results of the noise survey are available in the Appendix. An overview of the results is provided below.

Table 4. Summary of noise survey results

Dates	$L_{Aeq,T}$ Day dBA	$L_{Aeq,T}$ Night dBA	L_{Amax} Range Night dBA
27/03/26-28/03/26*	56	51	55-82
28/03/26-29/03/26	57	53	55-83
29/03/26-30/03/26	55***	52	48-84
31/03/26*	58	-	-

Notes: * $L_{Aeq,T}$ Day reported is 12:00-23:00

** $L_{Aeq,T}$ Day reported is 07:00-09:00

***There was a hail storm between 17:00-18:00 during this period and the measured noise levels during this time were affected by hail striking the microphone. Therefore this period has been removed from consideration and the reported noise level accounts for the 17:00-18:00 being discarded from assessment.

5.0 RESIDENTIAL DEVELOPMENT, NOISE BREAK-IN CALCULATIONS & MITIGATION

5.1 Break-in Calculation Method

An assessment of the required acoustic insulation performance for the new residential development has been conducted. The assessment has been based on achieving the internal ambient acoustic conditions specified in Section 3 to this report.

Calculated internal noise levels have been based on the noise survey results and on typical details for this type of development as described in Sections 5.2-5.3 below. On a conservative basis we have calculated noise levels at the first floor level by applying a correction of +5dB to account for the distance discrepancy from the second to first floor level based on point source propagation theory. Minimum acoustic specifications have been identified for the glazing and trickle ventilators. These have been summarised as detailed in Section 5.4 below.

Internal noise levels have been determined by calculating the noise break-in through the façade elements in octave frequency bands from 63 Hz – 8kHz. The internal noise levels have been determined, taking into account the sound insulation and area of each element, the room volume and reverberation time, and finally A-weighting the resulting spectrum to determine the internal noise levels. In accordance with the reverberation time standardisation detailed within ISO 140-4 the reverberation time within residential habitable rooms is assumed to be 0.5 seconds.

5.2 External Walls

Internal noise levels have been calculated on the basis that the building envelope construction achieves the following composite sound reduction index's (R's).

Table 5. Sound Reduction Index Values, Basic Façade Construction, Break in Calculations

Brickwork outer leaf, cavity with mineral wool, blockwork, plasterboard layer inner leaf, Composite R's dB								
Frequency	63	125	250	500	1k	2k	4k	8k
Sound Reduction Index, R, dB	38	42	43	38	46	54	61	61

The sound insulation properties for the basic building envelope construction have been taken from Insul (sound insulation modelling software) for a double masonry wall.

5.3 Room Dimensions & Volumes

Internal noise levels to the proposed development have been calculated based on the following typical room dimensions.

Table 6. Room Dimensions

Room	External Wall Area m ² (excluding glazing)	Window/Glazing Area m ²	Room Volume m ³
Bedrooms	4.7	0.8	18
Lounge	10.2	1.7	32

5.4 Mitigation Strategies

The following required mitigation strategies has been derived based on the results of the noise survey and assumed details as described in Sections 5.2-5.3, to achieve the recommended internal noise level criteria as detailed in BS 8233 & WHO 1999.

Table 7. Mitigation Strategy

Windows/Glazing Noise Insulation									
Room	Typical Product	Minimum Sound Reduction Index R (dB) at Octave Band Centre Frequency (Hz)							R_w
		63	125	250	500	1000	2000	4000	
Bedrooms & Lounge	4/12/4	20	24	20	25	35	38	35	31
Ventilation Noise Insulation									
Room	Typical Product	Minimum $D_{n,e}$ (dB) at Octave Band Centre Frequency (Hz)							$D_{n,e,w}$
		63	125	250	500	1000	2000	4000	
Bedrooms & Lounge	Greenwood 5000EA + 1 acoustic module	32	39	38	31	44	43	40	39

Notes on Glazing Insulation

For the glazing specification in Table 7, all sound insulation values quoted above must be achieved by the overall combination of frame and glazing, and not just by the glazing alone. The frame should not reduce the performance of the system overall.

Glazing framing systems must be fully sealed with any small gaps (<10mm nominal) around the perimeter to be stuffed with dense mineral wool to full frame depth and sealed both sides with acoustic non-setting mastic, with additional weathering protection to be applied additionally externally to this. No gaps should be left unsealed.

Notes on Ventilation Insulation

The ventilator inlets described in Table 7, are calculated to provide adequate sound insulation to maintain internal noise levels compliant with the guidance criteria when used in conjunction with the specified glazing described in Table 7. Selected ventilation inlets should provide equal or greater sound insulation performance across the frequency range to the values in Table 7. Specifications are based on the use of one (1) ventilator for each bedroom room and on the use of two (2) ventilators for the lounge.

The acoustic specification relates to the combined performance of all ventilation elements. Where two or more ventilators are required to meet the ventilation requirement, the acoustic performance for a single ventilator must be selected so that the combined performance is as stated in the Tables 7-9. As an example, to achieve an overall acoustic insulation performance of $D_{n,e,w}$ 39 dB utilising two ventilators in a single wall, both individual ventilators should be rated at $D_{n,e,w}$ 42 dB. Requirements should be checked with the manufacturer.

Please note that the specification of vents is in terms of acoustic performance only. It should be checked by others that the ventilation requirements of the Building Regulations are also met.

Fan-assisted ventilation systems should be reviewed to ensure that the fan itself does not exceed the noise criteria as specified in Section 3.

5.5 Break-In Noise Calculations Results

Based on mitigation strategies as outlined in Section 5.4 being implemented into the final building envelope design and results of the noise survey, the following predicted internal noise levels have been calculated.

Table 8. Calculated Internal Ambient Noise Levels with Mitigation

Room Type	L _{Aeq16hr} , Day 07:00-23:00, dBA	L _{Aeq8hr} , Night, 23:00-07:00, dBA	L _{Amax} 23:00-07:00 dBA
Bedroom	27	22	42
Kitchen/Lounge	27	-	-

As can be seen from Table 8, with the implementation of the mitigation strategy as outlined in Section 5.4 of this report the internal ambient noise levels are expected to be within the internal noise level limit criteria stipulated by BS 8233:2014 & WHO 1999.

5.6 Quality Control

Please note that achieving performance standards requires strict adherence to best practice construction methodology on site. A checklist of acoustic requirements for quality control is attached at the rear of this report.

6.0 SOUND INSULATION, PUB TO PROPOSED APARTMENT

6.1 Pup to Apartment, Sound Insulation Criteria

Floors/ceilings that separate flats/apartments from adjacent flats/apartments are to achieve an airborne sound insulation rating of $D_{nTw} + C_{tr}$ 43 dB (minimum) in accordance with Approved Document E (ADE). However ADE notes that a higher level of sound insulation may be required where higher noise levels (above normal domestic level) from adjoining parts of the same building are expected. In this case we would note the proposed flat is adjoined to the existing pub via a common floor area and the operation of the pub includes for a DJ on Saturday nights. A higher level of sound insulation is therefore proposed between the main pub space and the proposed residential apartment.

Mitigation measures are outlined in Section 6.2.2 below which are designed to achieve MCCPNTG 2015 criteria for residential properties attached to music venues (See Section 3.3) and BS 8233 and WHO 1999 guidelines. It may be noted that these mitigation measures are also considered suitable to meet the requirements of ADE.

It is noted that the pub also has an existing kitchen that is separated from the proposed apartment via a common floor/ceiling space and separated via a common wall to entrance space of the proposed apartment. The kitchen is not used as a catering kitchen for customers and we would consider that achieving the sound insulation requirements of ADE will be sufficient to control noise egress from this area. Mitigation measures to achieve the ADE requirements are provided in Section 7.

6.2 Sound Insulation Between Pub & Proposed Flat

6.2.1 Existing Sound Insulation of Separating Floor

PDA Ltd attended site on Friday 27th March 2026 and conducted sound insulation tests of the existing separating floors and walls. Sound insulation testing was conducted in accordance with ISO 140-4 and single figure sound insulation values were evaluated in accordance with ISO 717-1. The separating floor between the pub and the flat above was measured as D_{nTw} 50 dB. PDA Ltd then returned to site during the late evening period of Saturday 28th March 2026, during which the Pub was busy and the DJ was playing. Noise measurements were measured around the dance floor area which can be considered representative of the greatest ambient noise levels that occur within the Pub. The overall noise level around the dance floor has been evaluated as 96 dB(A).

Based on the results of the sound insulation testing and the noise levels around the dance floor of the Pub the equivalent noise level within the proposed flat has been calculated as follows.

Table 9. Existing Equivalent Noise Levels in Flat (No additional acoustic treatment)

Reference	Criteria	Noise Level In Apartment During DJ Set	Exceedance Over Criteria
BS 8233 & WHO 1999 For Living Space (07:00-23:00)*	35 dB(A)	53	+18
MCP Guidance 63Hz Band	47 dB	66	+19
MCP Guidance 125Hz Band	41 dB	66	+25

*Notes: *It can be noted that the Pub is not open passed 23:00 and the DJ's set at the Pub stops at 22:30*

From Table 9 it can be noted that the existing floor construction is predicted to exceed the required criteria by significant margins without remedial measures. Details for the required mitigation are provided in Section 6.2.2 below.

6.2.2 Mitigation Measures, Pub to Proposed Apartment

Separating Floor To Apartment

Analysis of the sound insulation tests as detailed in Section 6.2.1 above would indicate that a significant proportion of the overall noise ingress from the Pub to the proposed apartment above is transmitted through the common ceiling/floor area between these areas.

The exact existing separating floor/ceiling construction between the Pub and proposed flat above is unknown presently although from the site observations and the measured sound insulation results we would estimate that the likely construction consists of joists supporting a single layer of board to the top side and either a lath a plaster ceiling or 2no plasterboard layers to the underside (pub ceiling).

The existing floor/ceiling construction between the proposed apartment lounge and the pub below will require upgrading to the following construction:

-2no layer floorboards (minimum 16kg/m² combined mass for 2no layers), supported on timber joists (floor within the lounge of the proposed apartment), 2no layers of 12.5mm BG SoundBloc (or equivalent, minimum 20kg/m² combined mass for 2no layers) to the underside of joists.

Note that should the existing layer ceiling layer within the Pub be a lath and plaster ceiling further upgrades to the existing ceiling are not required.

In addition to the upgrading to the existing floor/ceiling construction between Pub and the proposed apartment above, the following additional ceiling/bulkhead should be constructed below common separating area between the pub and the apartment above. The additional ceiling/bulkhead should be constructed as follows:

-Suspended ceiling consisting of 2no 15mm SoundBloc (or equivalent, minimum 25kg/m² combined mass for 2no layers) hung on acoustic hangers and hung at a minimum 200mm depth. The side of the bulkhead should be supported on a metal frame and consist of 2no 15mm SoundBloc (or equivalent, minimum 25kg/m² combined mass for 2no layers). The bulkhead should be loosely packed with mineral wool (minimum density 10kg/m³).

Points to note:

-All board joints should be staggered.

-A nominal gap should be left around the suspended ceiling boards and the perimeter and then closed with mastic sealant

-Acoustic hangers should be installed in accordance with the manufacturers instructions

-Acoustic Hangers assumed to be ACH/20, ACH/50 or ACH100 hangers by Christie & Grey or equivalent. The structural force attenuation for these hangers are presented in the Appendix from the manufacturers literature. The selected acoustic hanger should meet these specifications under the rated load or else PDA Ltd should be consulted. The load required for the hangers should be checked with the manufacturer.

Sketches are provided below illustrating the proposed floor/ceiling and bulkhead construction. The sketches are not to scale and should be considered indicative of the acoustic principles only.



Figure 3. Additional ceiling & bulkhead, Pub view (illustration of the acoustic principal only)

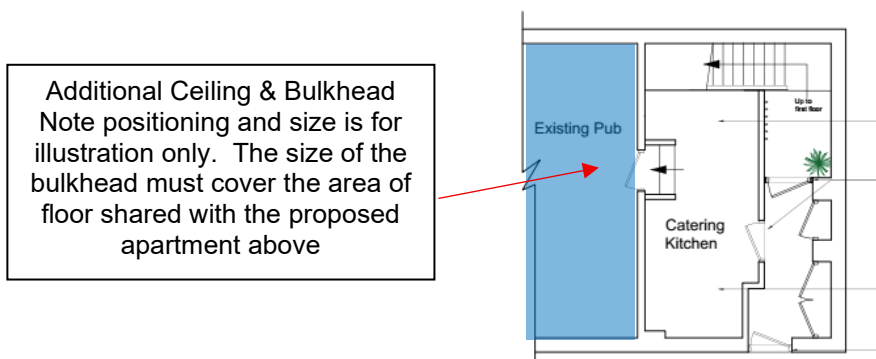


Figure 4. Bulkhead and ceiling location, plan view, (illustration of the acoustic principal only)

A sketch of the total build up from the Apartment to the pub below is shown below for reference.

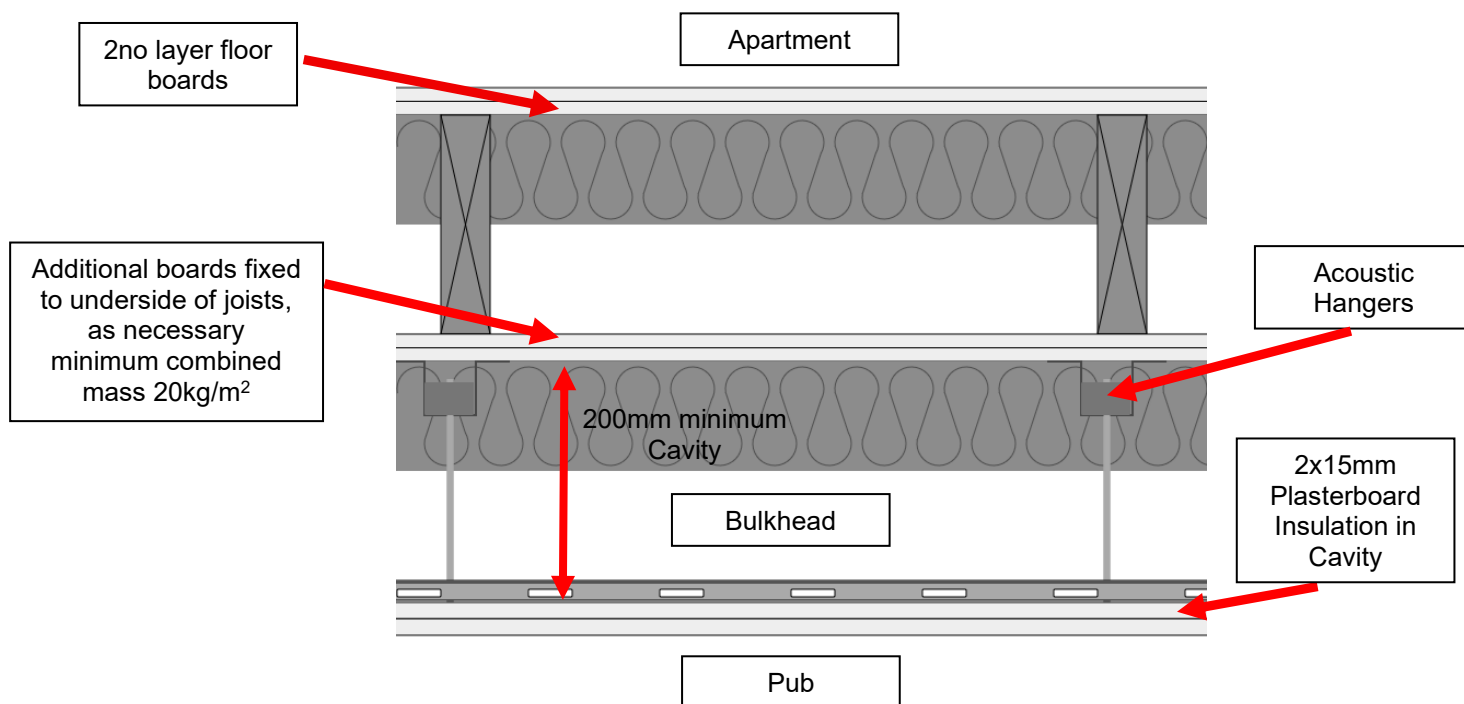


Figure 5. Separating construction Pub to apartment including bulkhead, Section view (Acoustic Principles only)

Separating Wall Behind Stairwell.

The separating wall construction between the Pub and stairwell of the apartment is likely to be a significant flanking noise path to the proposed apartment. For clarity this flanking path is illustrated in Figure x below.

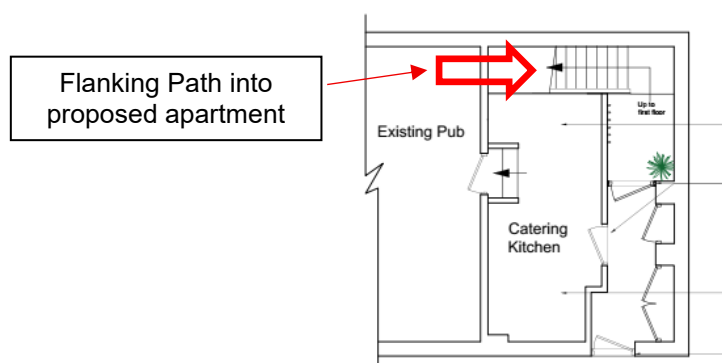


Figure 6. Flanking Path into Apartment.

The exact construction of the wall behind the stairwell is unknown however we would estimate that it is likely to be either a single stud with 1no plaster board layer to each side or a single brick construction with a plaster finish.

The following construction will be required to reduce flanking noise via the stairwell.

-The existing staircase will need to be partly dismantled to allow access to the wall behind it. If the existing separating wall is of plasterboard/plaster construction an additional layer of board (minimum 10kg/m²) should be affixed to the existing layer. If the existing wall is of brick or masonry construction an additional layer of board will not be required. However in both cases it will need to be ensured that the existing wall is in good repair and any gaps should be filled with mortar, plasterboard, sealant as appropriate. Mastic sealant should be applied to all perimeter joints regardless.

-A free standing wall will need to be constructed back from the existing wall. The additional wall should consist of 2no layers of 15mm BG SoundBloc (or equivalent, minimum 25kg/m² combined mass for 2no layers) supported on timber or metal stud frame. The additional wall should be set at a minimum of 100mm back from the existing separating wall. The additional wall may be set further back from the existing wall but should not exceed 1no tread depth of the staircase. The additional wall will need to be constructed up to the underside of staircase with the boards cut to fit the underside of the stairwell treads. Stair treads and risers should be double boarded (minimum 16kg/m² combined mass for 2no layers) . All cavities either side of the additional wall and underneath the stairwell should be loosely filled with mineral/rock wool (minimum density 10kg/m³). All perimeter gaps joists will require closing with mastic sealant.

A sketch of the proposed c is provided below.

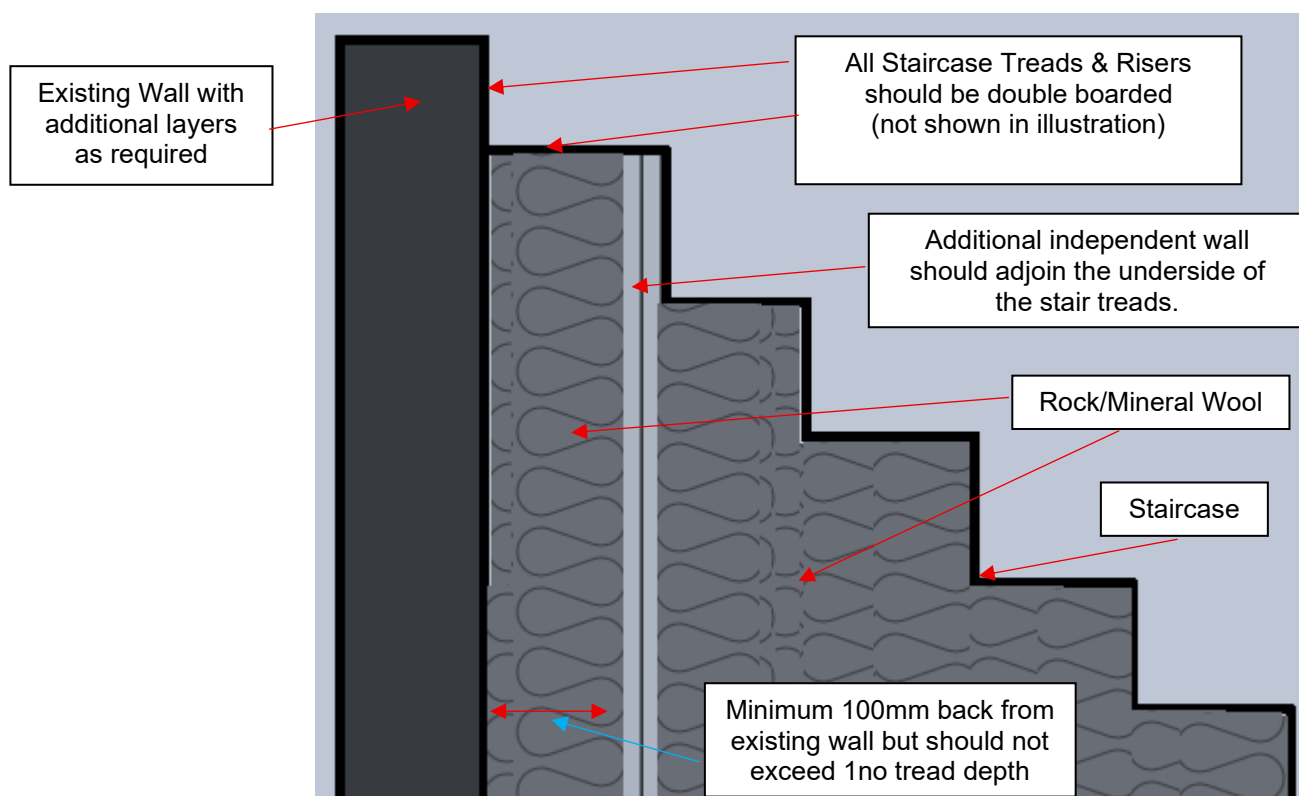


Figure 7. Additional wall behind staircase, Section view,) not to scale (illustration of the acoustic principal only)

External Walls To Lounge Area

From our site observations it is considered likely that the walls highlighted below are of masonry construction and continuous from the ground floor upwards.

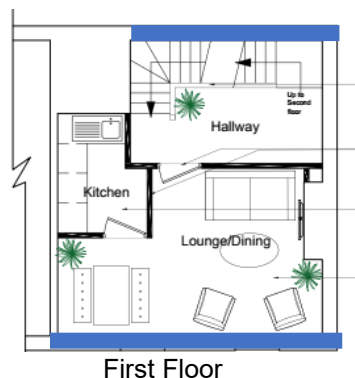


Figure 8. Wall Requiring additional Linings

To prevent flanking noise from the pub below the above walls identified by Figure X, should be lined as follows:

-Additional lining consisting of *consist of 2no layers of 15mm BG SoundBloc (or equivalent, minimum 25kg/m² combined mass for 2no layers) supported on independent timber or steel studs creating a minimum 100mm cavity to the existing wall. The cavity should be loosely packed with rock/mineral wool (min. 10kg/m³) in the cavity.*

Repairs To Separating Wall between Pub First Floor and Proposed Apartment Lounge Wall

It should be noted that the first floor of the pub is a private access area for the landlords and is not part of the main pub operation. It was noted during our site visit that currently the wall is not complete and repairs are required to ensure there is no flanking noise from the pub on the ground floor level and to ensure the separating requirements of ADE are achieved (See Section 7).

It was noted during our site visit that there is a gap in the corner of the room where the wall has been partially dismantled. A photo of this gap is provided below for clarity.

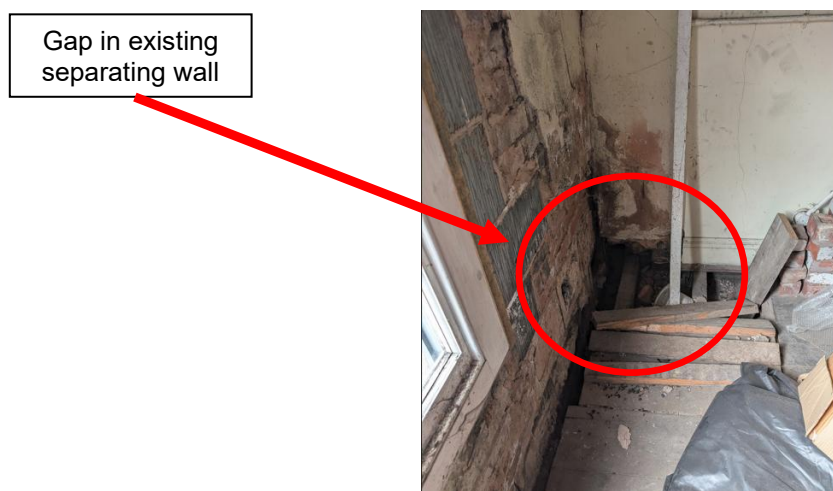


Figure 9. Pub to Lounge Separating Wall Photo

The above gap should be reconstructed with bricks and mortar as appropriate to the original thickness of the separating wall. The separating wall should then be lined as detailed in Section 7.2.2.

Further it must be ensured that there is no continuous gap between joists supporting floor boards and ceiling layers below either side of the separating wall to the pub, i.e the separating wall should break the joists either side of the partition. From what was visible to us during the site visit it is concluded that it is unlikely that a gap exists between the existing joists either side of the separating wall, however this should be confirmed at an early stage of the renovation works. Should a gap exist this will require

blocking inline with the separating wall and PDA Ltd should be consulted on this matter. A sketch of the potential flanking path is provided below for illustration purposes.

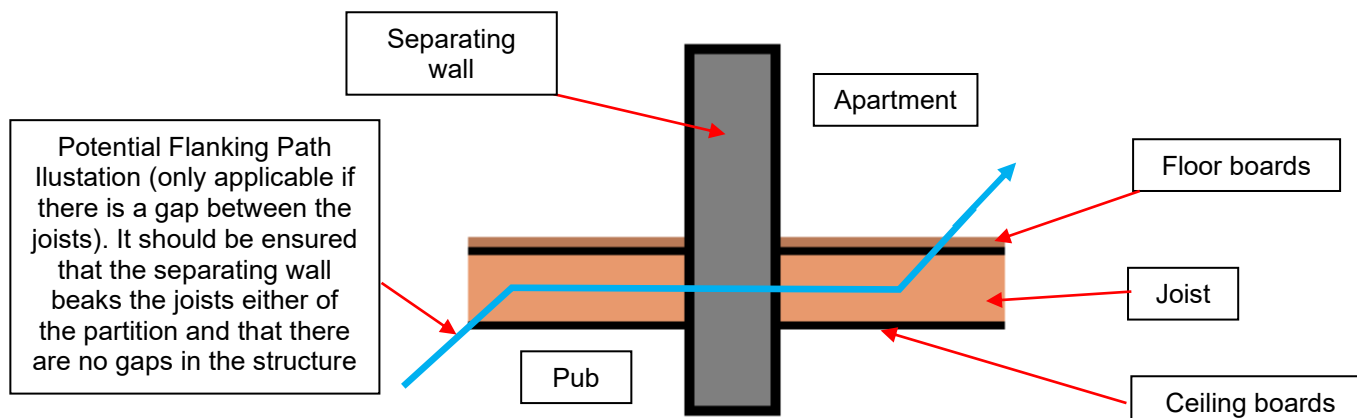


Figure 10. Potential flanking path, Section view (only applicable if there is a gap between the joists)

Pub DJ Speakers

From our site observations the DJ sound system appears to consist of two PA speakers mounted to a wall and ceiling area. It is assumed that the PA speakers are affixed by standard wall/ceiling fixings the PA speakers should be remounted on resilient fixings to minimise noise transmission into the building structure. It would also be recommended that the speakers are not directly mounted underneath the ceiling area common to the flat above.

6.2.3 Calculated Noise Levels In Apartment With Mitigation

Based on the mitigation measures as detailed in Sections 6.2.2 being implemented on site an overall D_{nT} 80 dB for the separating partitions between the main pub area and the proposed apartment has been evaluated. Overall noise levels within the apartment have been calculated by subtracting the equivalent D_{nT} 's in 1/3 octaves from the noise levels measured during the DJ set. 1/3 octave band results have then been summed into equivalent octave band noise levels, the results of which are presented below.

Table 10. Existing Equivalent Noise Levels in Flat (With additional acoustic treatment)

Reference	Criteria	Noise Level In Apartment During DJ Set	Exceedance Over Criteria
BS 8233 & WHO 1999 For Living Space (07:00-23:00)*	35 dB(A)	21	-14
MCP Guidance 63Hz Band	47 dB	44	-3
MCP Guidance 125Hz Band	41 dB	34	-6

*Notes: *It can be noted that the Pub is not open past 23:00 and the DJ's set at the Pub stops at 22:30.*

With reference to Table 10. It can be noted that with the proposed mitigation as outlined in Section 6.2.2, noise within the proposed apartment is predicted achieve the MCP guidance for music venues attached to residential and dwelling and BS 8233 & WHO 1999 guideline criteria.

7.0 OTHER SEPARATING FLOOR & WALLS, ADE REQUIREMENTS

7.1 Separating Walls & Floor Criteria

The Sound Insulation performance criteria for the separating walls and floor for the development in accordance with ADE are illustrated below.

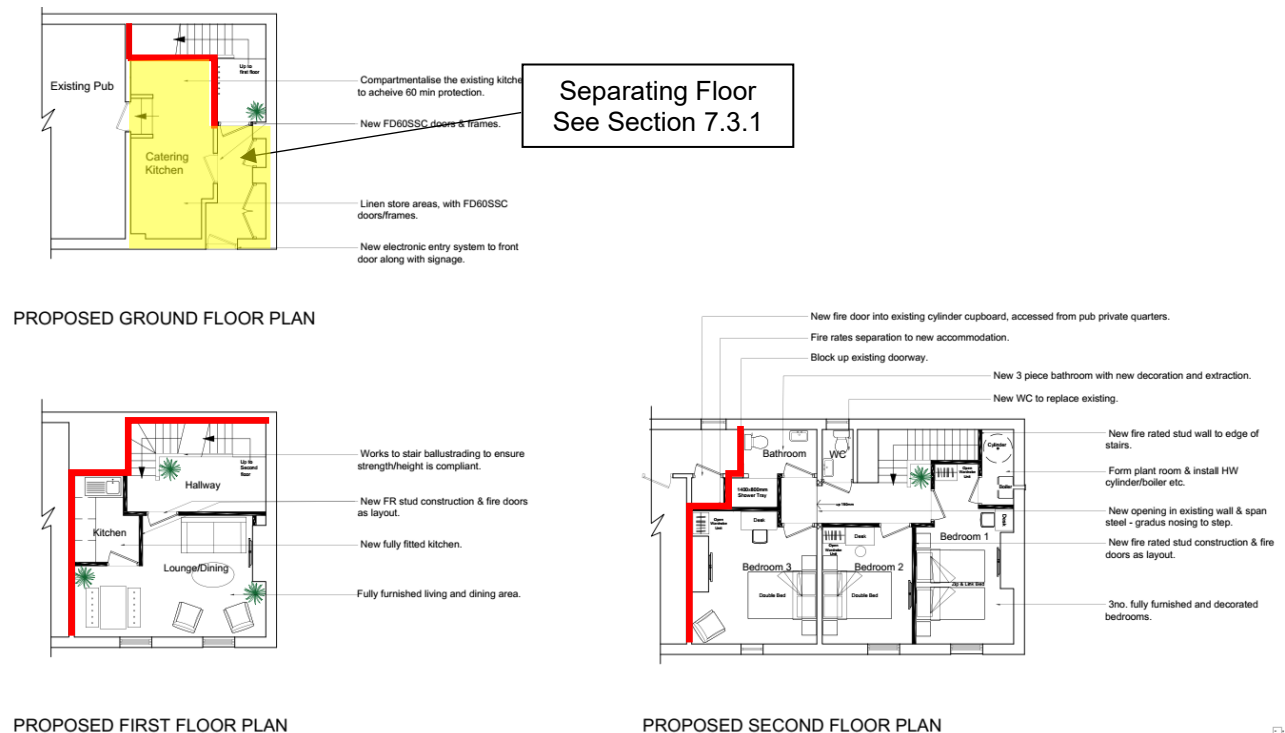


Figure 11. Wall & Floor Sound Insulation Criteria

Key

- -Separating walls between apartments are to achieve $D_{nTw} + C_{tr}$ 43 dB (minimum)
- Separating floors to achieve $D_{nTw} + C_{tr}$ 43 dB (minimum)

The existing and separating walls vary in construction and suitable mitigation measures are discussed below where appropriate to meet requirements of ADE.

7.2 Separating Walls, ADE

7.2.1 Second Floor Bedroom (Pub side) To Bedroom 3 (Proposed Apartment)

The separating wall was tested during our site visit and measured at $D_{nTw} + C_{tr}$ 44 dB. However due to the reduction in room volume post development the separating wall is expected to reduce the separating wall is predicted to achieve $D_{nTw} + C_{tr}$ 42 dB post the development without further mitigation. An additional lining as follows will therefore be required.

-1no layer plasterboard (minimum 8kg/m²), fixed on timber studs (independent or attached to the separating wall), minimum cavity 70mm and filled with 50mm (minimum) mineral/rockwool (minimum density 10kg/m²)

7.2.2 Pub First Floor Room To Lounge (Proposed Apartment)

The separating wall was tested during our site visit and measured at $D_{nTw} + C_{tr}$ 36 dB. However it was noted during the test that the separating wall is partially incomplete and a significant amount of noise was subjectively assessed to leak in where the wall is currently broken (See Figure 9). The wall will require repairing as detailed in Section 6.2.2. From site observations it is considered likely that the existing wall is of double brick construction. On this basis the wall should be lined as follows:

-1no layer plasterboard (minimum 8kg/m²), fixed on timber studs (independent or attached to the separating wall), minimum cavity 70mm and filled with 50mm (minimum) mineral/rockwool (minimum density 10kg/m²).

Should the wall be of single brick construction PDA should be consulted as further linings may be required.

7.2.3 Pub Kitchen To Stairwell/Entrance Corridor (Proposed Apartment) & New Separating Walls

The existing separating walls between the kitchen and the proposed apartment were observed to be of a steel stud with plasterboard and wood board construction. These would not be considered suitable to achieve the requirements of ADE. The existing walls should be upgraded as follows.

- 70mm 'C' studs with resilient bar affixed to one side, lined with 2 no. layers of 12.5mm Soundbloc plasterboard and 3mm skim to each external leaf. In the cavity between the frames is 50mm acoustic wool.

Where new separating walls are to be constructed the above construction would also be considered to achieve the requirements of ADE.

7.2.4 Points to note, All Separating Walls

The following points should be noted.

-All separating walls should be continuous up to the ceiling. A nominal gap should be left around the perimeter of plasterboard layers and closed with mastic sealant.

-The double lining boards should be staggered to ensure an overlap of joints. A nominal gap should be left around the perimeter joints where ceiling boards meet walls lining and should then be sealed airtight with a continuous ribbon of flexible acoustic sealant.

- It must be ensured that where resilient bars are employed these are used in accordance with the manufacturer's instructions. It must be ensured that plasterboard layers are attached only via the flange of the resilient bar and the screws to do not penetrate through into the supporting studs. We would recommend that all correct screw lengths are used in accordance with the resilient bar manufacturers installation instructions.

7.3 Separating Floors, ADE

7.3.1 Separating Floor, Kitchen & Entrance Area To Apartment

The floor between the existing pub kitchen and the proposed apartment is required to achieve $D_{nTw} + C_{tr}$ 43 dB (minimum). A greater level of acoustic separation is required between separating floor between the pub and proposed apartment and this is detailed in Section 6.2.2. From site observations it is concluded that the existing floor construction between the pub and kitchen is likely single floor/ceiling boards either side of the supporting joists.

The existing floor/ceiling construction between the lounge and the pub below will require upgrading to the following construction:

-2no layer floorboards (minimum 16kg/m^2 combined mass for 2no layers), supported on timber joists (floor within the lounge of the proposed apartment), 2no layers of 12.5mm BG SoundBloc (or equivalent, minimum 20kg/m^2 combined mass for 2no layers) to the underside of joists.

-An additional suspended ceiling consisting of 2no 15mm SoundBloc (or equivalent, minimum 25kg/m^2 combined mass for 2no layers) hung on a metal frame at a minimum 125mm depth. The cavity should be filled with 100mm rock/mineral wool (minimum density 10kg/m^3).

A sketch of the proposed build up provided below.

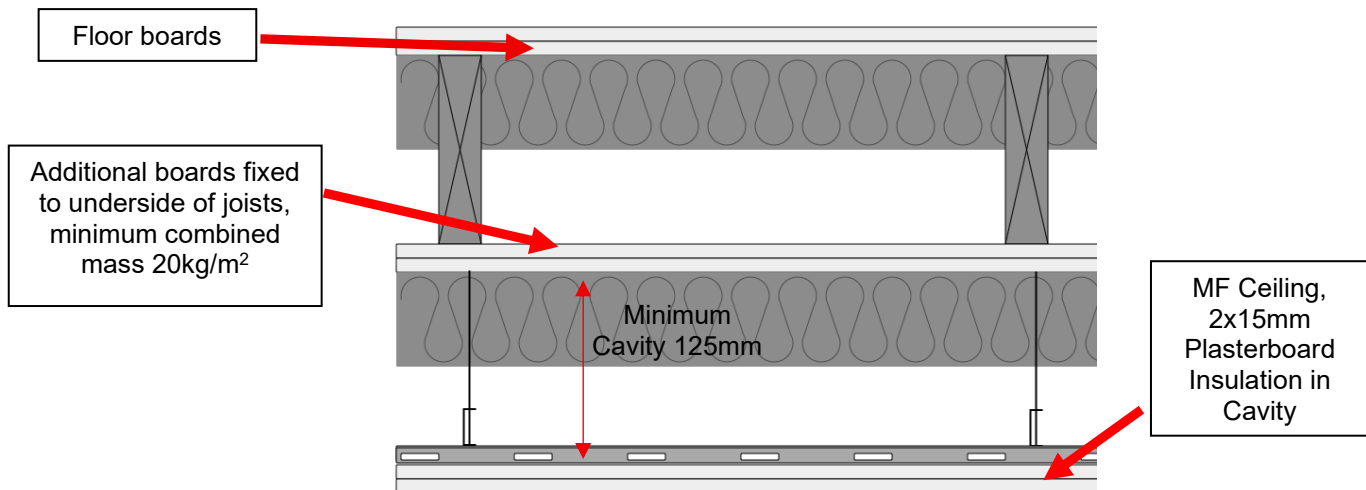


Figure 12. Proposed Construction for Separating Floors (Acoustic Principles Only)

Points to note:

- all board joints should be staggered.
- a nominal gap should be left around the suspended ceiling boards and the perimeter and then closed

7.3.2 Floor Preliminary repairs

Where existing floorboards are retained, they should be in a good state of repair. Where boards are replaced they should be replaced with similar board. All gaps and holes between adjacent boards and at the room perimeters should be made good and sealed. Where reasonable gaps occur they should be stuffed with mineral wool and sealed with flexible mastic sealant.

7.4 Door To Apartment

Building Regulations ADE requires that corridor/stairwell doors that lead into flats/apartments are selected to have a minimum mass per unit area of 25kg/m^2 , with full perimeter sealing (including the threshold where practical). Alternatively the door-set may be selected to achieve a minimum sound reduction index of 29 dB R_w (measured in accordance with BS EN ISO 140-3:1995 and rated in accordance with BS EN ISO 717-1:1997 [amended 2006]).

To achieve this it is recommended that good quality solid-core door-sets be used with good perimeter sealing.

7.5 Enclosure of Services and Detailing at Penetrations

If any pipes internal to habitable rooms, e.g. soil pipes, water pipes, rainwater pipes etc. are to be run in risers, then these need to be boxed out with material of at least 15kg/m², e.g. two layers of 12.5mm plasterboard. The boxed out enclosure is to be mechanically independent of the pipes. The pipes either need to be wrapped in 25mm unfaced mineral-fibre or the enclosure should be lined with 25mm unfaced mineral-fibre.

Penetrations through the separating floor, whether boxed out or not, should be slightly oversized around the penetrating member (e.g. pipe or other) utilizing approximately 5-10mm gap around the perimeter to suppress structure-borne noise transmission across the partition. The remaining gap should then be well-sealed on both sides of the partition with minimum 10mm depth acoustic non-setting mastic with the cavity loosely packed with mineral wool (minimum density 10kg/m³). Alternatively acoustically acceptable firestopping collars can be used as long as they do not rigidly connect the penetrating member to the partition structure.

We have assumed that for this development there will not be service installations that require wall or floor penetrations between the proposed apartment and the pub. PDA Ltd should be consulted if any such penetrations across separating wall or floor are required.

7.6 Internal Walls Within the Proposed Development

Building Regulations ADE requires that internal walls within dwellings between a bedroom or a room containing a water closet, and other rooms, should be selected to have a minimum laboratory sound insulation of 40 dB R_w. This requirement does not apply where the partition includes a door, or for a wall separating a bedroom from its associated en-suite.

Existing walls in a building which is subject to a material change of use, are not required to meet the 40 dB R_w standard, although all new walls will be required to meet the standard.

The following wall types would be expected to achieve a minimum laboratory sound insulation of 40 dB R_w and can be utilised within the newly formed dwellings.

Internal Wall Type 1:

1 no. layer of 12.5mm Wallboard plasterboard either side of a 48mm metal stud with 50mm (minimum) mineral wool insulation in the cavity.

Internal Wall Type 2: 2 no. layers of 12.5mm Wallboard plasterboard either side of a 48mm metal stud.

7.7 Quality Control

Please note that achieving performance standards requires strict adherence to best practice construction methodology on site. A checklist of acoustic requirements for quality control is attached at the rear of this report.

APPENDIX I – NOTES FOR QUALITY CONTROL

1. Blockwork

All blockwork is to be mortared to an almost fair faced standard both horizontally and vertically. Only perfect blocks may be used with no pitting or cracks. The blockwork must seal effectively to the underside of the soffit.

Where blockwork walls form a cavity wall, care should be taken to avoid rubble and snots from bridging the cavity. This is especially important where one or more of the leaves is floating.

2. Plasterboard

All plasterboard joints are to be butted tight. The rule of thumb is that the joint should be tight enough over its entire length to prevent a normal business card from being inserted. Multiple layers should be fitted with staggered joints.

Base details and deflection heads are to be as per the British Gypsum White Book unless otherwise stated, and copious amounts of mastic to be used when fitting to the walls, floor and ceiling respectively.

3. Mineral Fibre

Mineral fibre slabs are to be butted tightly together and to boundary structures, to form a homogeneous layer.

4. Windows

All window frames are to be a good tight fit into the building structure with any gaps to be filled both internally and externally with a non-setting mastic in addition to the usual weather proofing seal to the exterior. Any gaps between the frame and building that are greater than 5 mm are to be packed with a dense mineral fibre prior to mastic sealing.

5. Electrical Sockets

Electrical sockets must not be fitted back to back and removed areas of blockwork and plasterboard should be kept to an absolute minimum.

6. Water Pipes

All water pipes (and any other pipework) are to be resiliently mounted to avoid “water hammer”. This is particularly important for plasterboard walls.

7. Penetrations

Penetrations are to be dealt with as described in this report. Details for specific services penetrations may be supplied upon request.

8. Approved Samples and Inspections

Samples of each individual acoustic element should be provided for inspection at the beginning of its installation. Once approved, the Clerk of Works must ensure that the same level of quality continues throughout construction.

APPENDIX II – DEFINITION OF ACOUSTIC TERMS

The decibel

This is the basic unit of noise, denoted dB.

A Weighting

This is a weighting process which simulates the human ear's different sensitivity at different frequencies. A weighting can be shown two typical ways, 50 dB(A) L_{eq} or 50 dB L_{Aeq} . Both mean the same thing. (See below for a definition of L_{eq}). The dB(A) level can be regarded as the overall level perceived by human beings.

L_{eq} and $L_{eq}(s)$

This is the equivalent continuous noise level which contains the same acoustic energy as the actual time-varying sound. In other words it is a kind of average noise level. It is denoted dB L_{eq} , or for A-weighted figures dB(A) L_{eq} or dB L_{Aeq} . It can also be expressed in terms of frequency analysis (see later). $L_{eq}(s)$ is the sample L_{eq} level.

L_n

This is the level exceeded for n% of the time. It is denoted dB L_n , or for A-weighted figures dB(A) L_n or dB L_{An} . It can be expressed in terms of frequency analysis (see later). L_{90} is the level exceeded for 90% of the time and is a measure of the lowest level typically reached. L_{10} is the level exceeded for 10% of the time and is the highest level typically reached. L_{50} is the level exceeded for 50% of the time and, mathematically it is the median.

L_{max}

This is the maximum level reached during a measurement period. The "time constant", or the ability of the equipment to respond to impulses is usually expressed along with it, e.g. "Fast", "Slow", etc. It is denoted dB L_{max} or, for A-weighted figures dB(A) L_{max} , dB L_{Amax} , etc. It can also be expressed in terms of frequency analysis.

Reverberation Time

This is the most common way of expressing a room's basic acoustic character. It is defined as the duration required for the space-averaged sound energy density in an enclosure to decrease by 60 dB after the source emission has stopped, denoted as RT_{60} . It is usually impractical to measure a full 60 dB dynamic range in the field; a smaller dynamic range may be used extrapolated to a decay time of 60 dB. Common derivations include a range between 5 dB and 25 dB below the initial level, which is labelled T_{20} , or the range between 5 dB and 35 dB below the initial level, labelled as T_{30} .

Frequency Analysis

Whereas dB(A) gives a very useful overall figure, it has its limitations in that it cannot be used to model or predict the effect of noise control and mitigation as this nearly always has radically different performance at different frequencies.

Frequency analysis expresses an overall noise level at each frequency or band of frequencies in the audible range. Octave band analysis divides the audible range into 10 bands from 31.5 Hz to 16 kHz and the noise level in each band can be expressed in any form e.g. L_{eq} , L_{90} , L_{max} etc. One third octave band analysis uses 30 bands.

Narrow band analysis takes the process to resolutions of less than 1 Hz. This is useful for identifying the existence of tones (whines, hums, etc.) and in pin-pointing the sources.

Sound reduction index (R)

This is a measure in decibels (dB) of the sound insulation of a particular construction. It is a laboratory measured parameter independent of area, and of receiving room conditions. The sound reduction index is the value produced from laboratory tests on a construction. When tested in a laboratory, results of R are obtained over a range frequencies in 1/3rd and/or full octave bands. These may then be weighted in accordance with BS EN ISO 717: 1997: Part 1 to give the overall *Weighted Sound Reduction Index* R_w . Where sound reduction with respect to road traffic noise is required the frequency weighting may be adapted using the C_{tr} spectrum adaptation term. In this case the single figure value is given in terms of $R_w + C_{tr}$.

Standardised level difference (D_{nT})

This is the level difference adjusted to assume a standard reverberation time of 0.5 seconds in the receiving room so that partitions can be compared independent of the furnishing and surface finishes of the rooms. The measure is generally used in residential testing as 0.5 seconds is taken as the approximate reverberation time of a furnished living room or bedroom. The D_{nT} is usually quoted for 1/3rd octave bands between 100 Hz and 3150 Hz.

Weighted standardised level difference ($D_{nT,w}$)

The $D_{nT,w}$ is a single figure expression used to describe the sound insulation of a partition. The weighting system used to obtain the single figure $D_{nT,w}$ from the 1/3rd octave D_{nT} values is given in BS EN ISO 717: Part 1. The $D_{nT,w}$ is used for expressing sound insulation measured "in the field", and is part of the term used in Approved Document E 2003, guidance to the Building Regulations for the assessment of performance of separating elements between residences.

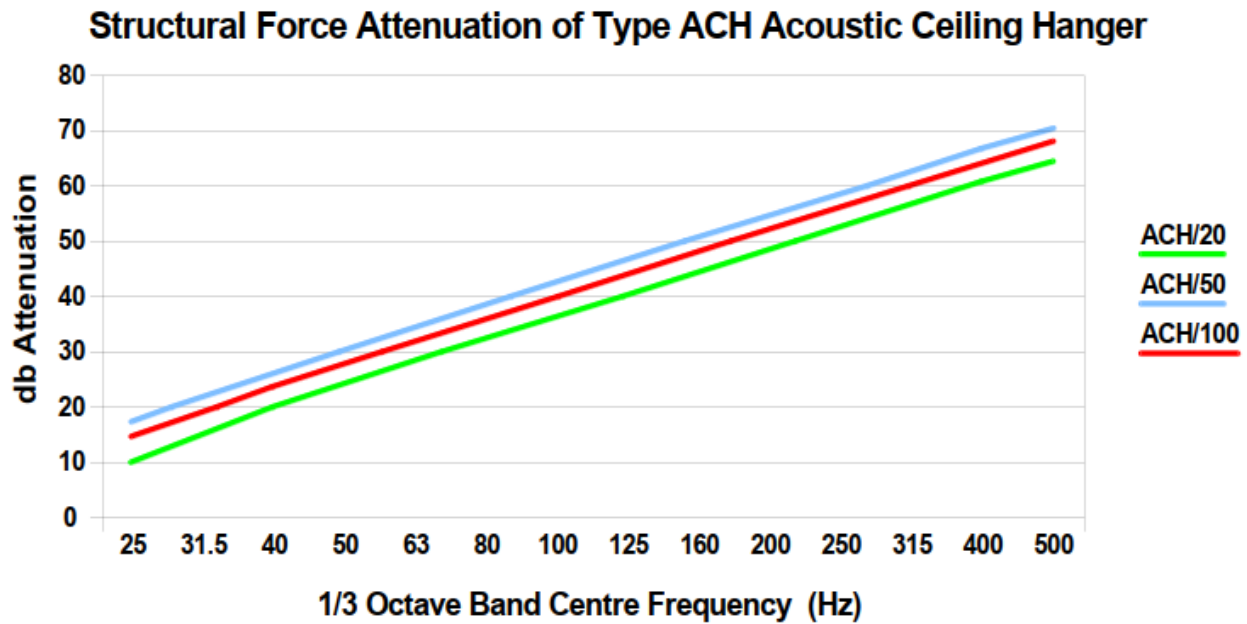
Spectrum adaptation terms (C, C_{tr})

These terms are single figure values which are added to a single figure R_w or D_w term to adapt the frequency weighting for different source noise spectra. Adding the C_{tr} term to a weighted parameter approximates to the human perceived sound insulation of an element when subjected to road traffic noise. The C_{tr} term may be used to determine a single figure approximation of sound insulation against road traffic noise. The C_{tr} term is part of the term used in Approved Document E: 2003 of the Building Regulations for the assessment of performance of separating elements between residences.

Flanking

Flanking is the term used to describe how sound gets from one room to another by routes other than via the wall or floor directly separating them. Such flanking paths around a party wall would be the internal leaf of the external wall or the roof void, plus any air gaps at junctions. The sound insulation of flanking paths is very important. If the insulation is poor it can result in a poor built performance in terms of sound insulation, even if the party walls or floors themselves are adequate. When a measurement of sound insulation is made in a building as opposed to an acoustic laboratory, it will include flanking sound transmission. Standards for sound insulation in residential properties now require testing of $D_{nT,w} + C_{tr}$ values which include sound transmission via flanking paths.

APPENDIX III – STRUCTURAL FORCE ATTENUATION



APPENDIX IV – NOISE SURVEY RESULTS

LT1

Noise levels were originally measured in 1/3 octaves but have been converted to equivalent octave band levels for reporting purposes.

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
27/03/2026	11:34:22	49.2	54.7	52.6	48.3	46.0	45.4	41.0	33.3	24.8	47.2	55.9
27/03/2026	11:35:00	50.4	54.7	51.2	47.7	48.9	46.0	41.4	37.1	26.7	46.1	64.5
27/03/2026	11:40:00	53.6	60.9	55.9	51.4	50.5	49.1	45.8	41.9	34.5	47.6	67.2
27/03/2026	11:45:00	50.4	59.3	52.7	48.5	46.8	45.2	41.6	42.0	32.3	46.8	66.9
27/03/2026	11:50:00	52.5	60.3	55.4	53.3	51.0	46.5	42.5	42.2	30.7	47.1	65.5
27/03/2026	11:55:00	52.1	60.1	53.8	50.8	50.1	46.9	44.3	39.5	32.4	46.3	69.5
27/03/2026	12:00:00	50.7	54.4	52.4	49.3	47.1	46.6	42.0	40.7	30.3	47.0	70.9
27/03/2026	12:05:00	50.2	55.1	51.5	48.6	48.0	46.1	40.9	36.4	29.0	46.0	65.4
27/03/2026	12:10:00	49.5	54.4	52.5	49.5	47.2	44.5	41.4	36.2	28.1	46.8	68.8
27/03/2026	12:15:00	49.5	54.7	52.3	50.2	47.6	44.8	40.6	33.2	26.6	45.6	64.5
27/03/2026	12:20:00	48.8	55.1	52.9	49.7	46.5	43.6	39.2	36.9	24.1	45.4	62.8
27/03/2026	12:25:00	54.0	62.1	56.1	52.8	50.9	48.6	47.5	41.6	35.6	46.9	75.2
27/03/2026	12:30:00	50.5	54.3	52.9	50.6	47.7	45.1	42.6	37.8	33.0	46.7	68.4
27/03/2026	12:35:00	53.2	54.5	51.9	49.4	47.1	48.6	46.9	44.0	38.3	46.4	74.5
27/03/2026	12:40:00	53.0	55.7	52.7	50.8	48.2	48.4	47.3	39.9	34.2	47.8	73.0
27/03/2026	12:45:00	51.9	55.4	54.6	54.8	48.5	47.0	43.2	36.9	30.5	47.4	63.0
27/03/2026	12:50:00	52.9	58.3	55.2	53.1	48.6	47.0	47.4	38.6	30.1	46.6	77.7
27/03/2026	12:55:00	53.0	60.9	54.7	50.1	48.8	48.4	46.1	42.3	33.9	46.5	67.9
27/03/2026	13:00:00	49.9	57.7	53.9	50.5	47.9	45.1	40.3	34.2	27.1	45.5	63.4
27/03/2026	13:05:00	50.2	55.3	55.6	51.0	48.5	44.8	41.0	34.4	28.2	45.3	63.8
27/03/2026	13:10:00	49.4	53.3	50.3	47.4	46.4	45.6	40.9	35.0	27.4	45.2	66.6
27/03/2026	13:15:00	49.4	55.4	52.2	48.3	46.5	45.4	40.5	36.8	30.1	45.7	59.6
27/03/2026	13:20:00	50.9	58.7	54.7	51.0	47.3	46.3	42.1	40.0	32.2	48.0	61.6
27/03/2026	13:25:00	52.3	56.8	55.9	52.9	49.2	47.6	44.4	37.9	30.5	47.0	61.6
27/03/2026	13:30:00	50.5	56.5	53.9	50.6	48.8	45.8	41.2	35.6	30.5	46.5	64.5
27/03/2026	13:35:00	49.9	53.2	51.6	47.8	47.8	45.7	41.3	34.2	27.7	45.2	69.3
27/03/2026	13:40:00	48.4	55.3	51.6	47.3	45.7	44.4	39.5	33.3	29.9	46.1	59.2
27/03/2026	13:45:00	51.3	54.8	51.6	47.8	47.1	46.8	45.7	37.5	29.2	46.4	76.7
27/03/2026	13:50:00	49.7	58.8	52.9	48.5	47.8	45.2	40.4	34.7	31.3	46.2	64.9
27/03/2026	13:55:00	54.2	59.7	57.7	54.2	53.3	48.9	42.6	37.1	29.8	46.4	75.5
27/03/2026	14:00:00	57.8	56.4	53.1	51.4	55.8	54.6	49.2	41.1	33.9	46.1	77.0
27/03/2026	14:05:00	50.9	56.6	54.8	51.0	47.8	44.7	44.9	35.3	28.0	46.0	74.6
27/03/2026	14:10:00	52.3	56.2	54.0	52.3	49.9	46.2	45.4	39.0	38.3	47.4	76.9
27/03/2026	14:15:00	50.6	55.6	52.1	49.5	47.1	45.5	43.6	36.5	38.1	46.5	70.1



Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
27/03/2026	14:20:00	50.8	55.6	52.9	49.6	46.4	44.1	45.9	38.8	27.2	45.9	78.8
27/03/2026	14:25:00	50.2	58.6	53.2	49.9	47.8	45.5	42.0	35.4	28.7	46.1	61.1
27/03/2026	14:30:00	51.2	55.2	51.1	48.0	49.3	45.8	44.2	38.4	33.5	45.8	69.5
27/03/2026	14:35:00	49.9	55.9	51.4	47.4	46.4	44.9	43.9	36.2	27.4	45.7	68.4
27/03/2026	14:40:00	50.3	56.1	52.4	48.5	47.3	46.7	42.0	33.4	27.4	46.4	63.2
27/03/2026	14:45:00	52.5	54.4	52.1	49.8	50.5	48.3	44.4	37.0	34.0	45.6	67.9
27/03/2026	14:50:00	53.0	57.1	52.8	49.1	50.6	49.3	45.2	37.5	31.2	46.7	69.2
27/03/2026	14:55:00	56.1	55.6	52.1	49.5	51.6	52.9	49.8	40.2	30.3	47.0	74.4
27/03/2026	15:00:00	48.9	54.3	52.1	47.8	46.1	45.1	40.4	31.5	24.6	45.5	66.0
27/03/2026	15:05:00	50.0	55.2	52.6	49.3	48.4	45.6	40.3	34.6	28.7	46.1	68.0
27/03/2026	15:10:00	49.8	55.4	52.9	49.0	48.2	45.8	39.5	31.6	25.7	46.5	64.5
27/03/2026	15:15:00	51.7	54.5	53.2	49.6	49.4	46.4	43.1	41.8	35.8	46.7	78.0
27/03/2026	15:20:00	52.6	57.4	62.0	54.0	49.9	45.9	40.5	35.8	30.3	46.8	73.6
27/03/2026	15:25:00	52.5	54.8	52.5	49.6	48.9	46.0	47.8	38.7	31.4	45.8	79.5
27/03/2026	15:30:00	51.8	54.6	52.5	50.5	50.9	47.6	41.7	34.8	29.1	47.1	64.4
27/03/2026	15:35:00	54.9	54.7	52.5	51.3	53.6	50.9	46.3	38.4	31.7	48.2	71.3
27/03/2026	15:40:00	53.9	57.3	52.6	51.2	52.7	49.7	44.2	38.4	33.6	47.6	66.2
27/03/2026	15:45:00	55.1	57.2	54.2	52.8	53.0	50.7	47.7	37.9	30.5	49.8	70.6
27/03/2026	15:50:00	53.1	54.7	54.5	53.8	50.9	48.7	44.1	37.2	27.1	48.6	62.4
27/03/2026	15:55:00	56.7	55.3	55.7	53.5	55.7	52.9	46.2	40.2	32.0	46.4	75.8
27/03/2026	16:00:00	49.9	52.9	51.3	48.4	48.0	46.0	40.4	33.5	27.5	45.7	67.2
27/03/2026	16:05:00	50.9	56.2	54.1	50.8	48.9	46.4	41.6	35.3	28.6	46.6	63.9
27/03/2026	16:10:00	51.1	57.9	53.2	49.8	48.6	46.4	43.0	38.5	32.6	46.5	69.4
27/03/2026	16:15:00	52.3	56.1	53.7	49.2	48.6	49.3	44.2	36.1	29.1	46.0	70.1
27/03/2026	16:20:00	51.0	54.2	53.0	49.7	49.0	46.3	42.2	38.5	31.6	46.6	70.8
27/03/2026	16:25:00	49.4	56.2	52.6	48.7	47.9	45.1	39.6	31.6	24.4	46.0	61.9
27/03/2026	16:30:00	53.0	55.4	52.8	49.4	52.0	48.6	43.9	37.1	31.0	46.2	73.0
27/03/2026	16:35:00	48.4	55.9	53.2	48.9	46.9	43.4	38.6	31.9	27.1	45.9	60.0
27/03/2026	16:40:00	50.4	54.9	52.8	49.4	48.8	46.0	41.2	33.5	26.8	46.2	61.4
27/03/2026	16:45:00	51.0	53.8	52.7	49.1	49.2	47.2	41.8	34.5	27.1	46.6	69.1
27/03/2026	16:50:00	53.2	55.3	53.5	50.7	50.7	47.8	47.3	37.7	29.0	47.3	77.6
27/03/2026	16:55:00	50.2	55.5	54.2	49.6	48.5	45.5	40.5	35.3	29.4	46.7	63.5
27/03/2026	17:00:00	49.9	56.2	53.2	49.2	47.8	45.6	40.4	34.9	27.8	46.6	61.1
27/03/2026	17:05:00	50.3	55.5	52.8	49.6	49.2	45.4	40.7	35.1	30.8	46.5	61.1
27/03/2026	17:10:00	52.1	57.5	53.6	50.2	49.4	47.9	43.1	36.6	30.0	47.3	68.8
27/03/2026	17:15:00	57.0	56.7	56.8	54.2	52.9	51.2	46.7	51.8	40.6	46.6	82.0
27/03/2026	17:20:00	52.6	54.4	53.4	50.9	51.4	48.6	42.6	34.3	28.1	46.9	70.1
27/03/2026	17:25:00	50.6	57.5	54.4	52.7	47.3	46.0	41.9	35.3	29.0	46.5	62.0
27/03/2026	17:30:00	52.4	58.8	56.4	55.5	49.8	47.2	42.8	37.7	31.5	47.6	66.2
27/03/2026	17:35:00	56.5	57.9	58.9	57.6	54.3	51.1	47.8	43.9	37.7	50.5	66.6
27/03/2026	17:40:00	54.4	58.5	58.4	56.4	52.3	49.1	45.6	40.1	33.3	50.8	66.9

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
27/03/2026	17:45:00	56.2	56.7	56.3	53.6	55.2	51.5	46.9	40.9	34.5	50.3	68.9
27/03/2026	17:50:00	55.0	59.1	57.2	53.2	52.5	51.4	45.9	40.5	36.0	51.9	67.2
27/03/2026	17:55:00	52.8	56.3	56.2	52.4	50.4	48.7	43.7	37.6	32.7	49.6	64.8
27/03/2026	18:00:00	54.5	58.1	56.3	55.4	53.0	49.0	44.9	40.8	35.8	49.7	72.8
27/03/2026	18:05:00	55.2	55.5	55.8	53.0	53.3	51.3	46.1	40.8	35.6	49.7	68.5
27/03/2026	18:10:00	53.6	56.8	56.8	52.6	51.6	49.5	44.3	37.7	32.7	49.4	65.5
27/03/2026	18:15:00	54.9	58.0	57.8	54.4	53.1	50.1	45.9	40.3	34.6	51.6	61.8
27/03/2026	18:20:00	57.4	57.7	58.3	55.7	54.6	53.6	48.9	42.8	36.8	53.3	70.2
27/03/2026	18:25:00	54.2	58.7	56.5	53.2	51.2	49.3	46.5	42.2	37.1	47.7	73.6
27/03/2026	18:30:00	51.3	57.6	53.9	50.7	49.1	46.9	42.3	36.5	30.6	47.6	67.7
27/03/2026	18:35:00	50.7	56.0	53.4	48.9	48.6	46.6	41.5	34.6	29.3	47.6	69.3
27/03/2026	18:40:00	52.0	55.9	54.4	51.2	50.7	47.8	41.3	33.0	27.2	47.4	72.9
27/03/2026	18:45:00	55.9	57.3	55.2	49.8	54.5	51.9	46.7	39.4	29.9	47.1	74.9
27/03/2026	18:50:00	53.8	59.2	55.3	51.0	51.4	49.8	45.6	38.3	32.2	47.9	67.2
27/03/2026	18:55:00	52.8	57.7	58.1	52.3	50.8	48.5	42.6	35.2	27.8	48.6	67.3
27/03/2026	19:00:00	51.8	57.6	56.7	51.7	50.5	47.0	41.5	34.7	29.5	47.7	65.4
27/03/2026	19:05:00	52.8	57.8	55.7	50.1	50.6	48.4	45.1	36.2	26.9	48.4	69.8
27/03/2026	19:10:00	57.3	63.2	58.9	54.8	55.3	53.3	48.8	42.1	36.7	50.3	77.1
27/03/2026	19:15:00	53.5	55.4	57.1	53.4	49.7	48.8	45.8	40.6	37.0	51.3	69.2
27/03/2026	19:20:00	57.0	59.2	57.3	55.2	55.2	52.8	48.4	41.9	36.6	50.8	68.4
27/03/2026	19:25:00	59.6	61.6	59.1	56.8	57.8	55.8	50.8	43.8	39.1	53.1	76.2
27/03/2026	19:30:00	56.0	61.1	57.7	54.9	55.4	51.3	45.9	38.8	32.4	48.9	67.9
27/03/2026	19:35:00	57.2	62.1	57.4	54.4	53.4	53.9	49.6	41.7	37.4	51.5	71.9
27/03/2026	19:40:00	56.3	64.0	59.2	54.1	54.1	52.0	47.8	41.7	36.7	52.0	70.0
27/03/2026	19:45:00	56.8	63.2	58.7	55.4	55.0	52.5	48.1	40.6	37.2	52.5	71.0
27/03/2026	19:50:00	58.8	59.8	58.3	57.2	57.0	55.2	49.8	42.1	35.5	53.1	74.5
27/03/2026	19:55:00	60.6	60.9	61.3	59.8	59.3	56.2	51.5	44.7	39.2	55.5	73.0
27/03/2026	20:00:00	62.9	63.3	63.2	59.1	59.8	59.5	55.3	47.0	41.8	56.7	78.7
27/03/2026	20:05:00	62.8	64.7	61.2	58.6	60.2	59.6	54.7	47.1	41.7	53.9	82.3
27/03/2026	20:10:00	61.5	64.9	64.1	58.5	59.7	57.3	53.3	47.0	40.7	56.3	76.7
27/03/2026	20:15:00	60.7	64.3	64.7	58.8	58.0	56.8	52.5	45.8	39.0	53.2	75.0
27/03/2026	20:20:00	60.6	63.7	62.8	59.7	58.1	55.2	53.3	48.0	42.3	52.5	74.2
27/03/2026	20:25:00	61.0	64.6	62.0	58.4	58.7	56.5	53.5	47.6	39.3	56.2	77.9
27/03/2026	20:30:00	62.4	67.6	63.0	57.7	59.6	58.3	55.1	49.8	41.7	56.7	76.1
27/03/2026	20:35:00	62.1	62.9	61.4	58.6	59.4	58.1	54.8	48.7	40.3	55.6	78.1
27/03/2026	20:40:00	60.2	64.7	59.9	58.5	57.4	56.2	52.7	42.5	31.9	51.9	78.0
27/03/2026	20:45:00	61.7	71.1	67.3	60.3	59.3	57.3	52.5	42.8	34.5	51.9	78.0
27/03/2026	20:50:00	60.0	66.8	64.0	57.2	58.0	55.7	51.8	42.3	34.4	52.5	81.3
27/03/2026	20:55:00	56.6	70.5	64.5	58.5	55.8	49.0	44.5	36.3	27.3	51.3	68.7
27/03/2026	21:00:00	61.5	71.7	65.1	56.7	58.2	58.5	52.3	44.5	40.2	52.2	79.3
27/03/2026	21:05:00	57.2	70.2	62.1	57.1	56.7	50.4	46.0	39.0	30.0	52.8	66.8

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
27/03/2026	21:10:00	58.0	70.7	65.3	56.7	57.1	51.9	46.6	39.0	29.9	53.6	71.4
27/03/2026	21:15:00	58.5	68.5	65.4	58.8	57.5	52.8	47.7	40.2	34.4	52.6	71.7
27/03/2026	21:20:00	56.9	70.7	64.9	57.0	56.2	50.5	44.7	36.3	24.5	51.5	67.5
27/03/2026	21:25:00	58.3	66.7	66.4	58.0	56.2	53.4	48.9	40.5	30.8	52.4	72.7
27/03/2026	21:30:00	59.1	66.4	64.3	57.7	57.5	54.3	50.2	42.9	31.9	51.8	75.7
27/03/2026	21:35:00	58.8	67.4	64.4	58.3	57.7	53.6	47.7	39.2	28.0	50.6	71.2
27/03/2026	21:40:00	55.6	64.1	59.0	55.3	55.1	49.6	45.1	37.0	28.2	50.1	68.1
27/03/2026	21:45:00	56.5	66.2	61.1	57.5	55.4	49.9	45.6	39.1	30.3	51.5	67.0
27/03/2026	21:50:00	57.7	68.9	62.8	60.1	57.7	50.8	45.5	39.0	31.7	52.7	68.3
27/03/2026	21:55:00	56.8	68.6	62.5	59.3	56.2	49.8	44.7	37.8	29.6	51.6	70.6
27/03/2026	22:00:00	56.3	66.0	61.7	59.0	54.3	50.8	45.3	36.5	24.3	52.2	67.9
27/03/2026	22:05:00	58.9	69.5	62.3	59.5	56.9	53.7	49.6	41.9	32.5	53.5	76.8
27/03/2026	22:10:00	59.1	70.5	62.9	59.9	58.0	53.6	48.4	39.2	29.3	54.6	74.8
27/03/2026	22:15:00	57.3	68.8	61.8	59.6	55.7	51.5	45.7	37.8	25.9	51.2	66.4
27/03/2026	22:20:00	56.6	69.8	62.9	58.2	54.8	50.5	45.4	37.6	25.8	52.3	71.0
27/03/2026	22:25:00	55.7	68.2	60.6	57.7	54.3	49.8	45.1	38.2	28.8	50.7	68.9
27/03/2026	22:30:00	59.6	67.1	58.0	58.9	58.1	54.8	50.5	42.3	31.5	53.3	76.6
27/03/2026	22:35:00	58.3	65.8	59.6	57.6	56.0	54.1	49.4	40.1	30.0	50.1	71.8
27/03/2026	22:40:00	57.8	67.6	59.4	55.2	55.8	53.8	48.5	40.1	31.9	50.5	72.8
27/03/2026	22:45:00	55.0	65.6	58.7	56.9	54.9	48.0	43.1	36.8	24.3	49.6	66.8
27/03/2026	22:50:00	57.9	58.5	51.7	51.0	54.4	55.2	50.3	39.9	30.2	49.0	76.6
27/03/2026	22:55:00	58.4	61.8	54.9	53.7	55.8	55.2	49.7	41.6	36.4	50.4	73.0
27/03/2026	23:00:00	54.9	61.0	51.8	51.5	54.0	50.1	46.1	39.8	33.4	47.5	68.0
27/03/2026	23:05:00	50.9	59.4	51.9	48.9	48.2	46.3	44.0	34.1	28.0	47.0	71.1
27/03/2026	23:10:00	49.6	62.8	52.0	46.9	47.1	45.6	40.4	33.1	29.4	47.3	60.7
27/03/2026	23:15:00	49.2	60.7	52.8	47.9	47.0	44.5	40.4	33.1	27.8	46.3	63.7
27/03/2026	23:20:00	50.4	61.3	53.5	48.5	47.8	46.9	41.2	32.2	22.5	46.4	64.5
27/03/2026	23:25:00	60.5	60.8	52.5	49.9	57.1	58.3	51.4	41.6	31.7	45.4	82.2
27/03/2026	23:30:00	51.5	61.1	51.7	47.4	50.3	47.1	41.9	37.9	24.9	46.6	69.7
27/03/2026	23:35:00	48.7	62.1	53.8	46.5	46.2	44.8	38.9	29.7	22.0	45.8	60.1
27/03/2026	23:40:00	48.4	60.4	52.0	46.8	46.1	44.6	38.5	30.3	23.8	46.0	57.9
27/03/2026	23:45:00	49.2	59.8	53.3	46.9	47.1	45.2	39.6	31.3	27.9	46.3	66.0
27/03/2026	23:50:00	50.6	62.0	53.7	48.3	49.2	46.0	41.0	34.2	24.9	47.0	64.1
27/03/2026	23:55:00	51.3	64.1	54.3	48.7	49.5	46.7	42.5	33.4	25.3	47.1	64.0
28/03/2026	00:00:00	48.0	59.4	51.0	46.4	46.3	43.9	37.8	29.9	24.0	45.4	59.6
28/03/2026	00:05:00	51.9	60.5	51.8	48.4	50.3	48.1	42.4	35.0	25.8	45.9	71.2
28/03/2026	00:10:00	49.6	59.0	53.2	49.5	48.3	45.0	39.8	30.6	22.2	46.2	68.4
28/03/2026	00:15:00	48.5	58.9	52.2	48.0	46.7	44.2	38.7	29.5	20.5	46.1	59.0
28/03/2026	00:20:00	48.6	61.5	52.4	46.1	46.2	44.4	39.2	32.7	24.7	45.8	58.4
28/03/2026	00:25:00	54.3	60.7	52.4	49.6	53.7	50.2	43.4	34.9	27.8	46.7	73.5
28/03/2026	00:30:00	47.5	59.6	53.0	46.3	45.5	43.2	38.0	28.1	18.7	45.3	57.7

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
28/03/2026	00:35:00	50.2	62.4	53.1	47.6	46.9	46.3	41.9	33.8	25.8	45.9	66.2
28/03/2026	00:40:00	50.6	61.1	52.8	46.5	46.4	46.1	44.7	34.0	23.1	46.2	75.5
28/03/2026	00:45:00	50.4	59.8	53.7	47.5	47.7	47.0	41.3	34.9	28.9	46.0	71.3
28/03/2026	00:50:00	47.4	60.1	54.0	45.6	44.9	43.1	38.2	29.8	22.7	44.9	61.7
28/03/2026	00:55:00	48.3	59.6	52.1	46.1	45.0	45.0	39.1	29.2	21.4	45.4	63.9
28/03/2026	01:00:00	50.6	61.5	52.2	47.2	48.9	47.0	40.9	32.4	23.8	46.3	70.5
28/03/2026	01:05:00	62.1	65.5	60.1	60.8	58.6	55.0	54.3	53.9	52.2	45.7	77.0
28/03/2026	01:10:00	48.2	60.6	52.1	46.1	46.2	44.3	38.0	29.3	21.3	46.0	60.2
28/03/2026	01:15:00	48.3	60.4	51.3	45.1	45.5	44.6	39.2	31.4	27.6	45.5	61.9
28/03/2026	01:20:00	47.5	61.9	52.3	44.8	44.8	43.4	38.4	28.8	19.3	45.5	62.6
28/03/2026	01:25:00	50.0	61.1	52.4	45.6	45.7	47.3	41.9	30.6	19.6	45.1	66.9
28/03/2026	01:30:00	48.5	61.2	50.7	44.5	45.1	44.6	41.0	31.0	24.2	45.2	67.9
28/03/2026	01:35:00	49.0	61.3	51.8	46.7	45.7	44.6	40.9	34.6	31.4	44.0	63.4
28/03/2026	01:40:00	46.6	60.2	50.8	44.4	44.8	42.5	36.5	26.4	21.1	43.8	62.3
28/03/2026	01:45:00	47.2	61.2	51.9	44.5	44.4	43.3	38.4	27.2	17.5	44.5	58.3
28/03/2026	01:50:00	49.3	63.2	52.3	47.0	46.2	45.3	40.4	33.7	34.4	44.9	64.0
28/03/2026	01:55:00	47.3	60.2	50.4	44.0	44.2	42.8	39.7	32.5	21.1	44.0	65.8
28/03/2026	02:00:00	50.5	56.7	50.1	45.7	48.4	47.3	41.0	31.6	21.2	44.8	68.1
28/03/2026	02:05:00	55.8	61.6	57.9	53.0	54.7	51.4	47.0	36.5	20.6	45.1	73.4
28/03/2026	02:10:00	47.0	55.9	50.4	45.3	45.0	43.7	36.6	25.9	18.0	44.4	64.4
28/03/2026	02:15:00	47.7	56.8	49.7	45.1	44.7	43.9	39.6	34.1	26.5	43.8	66.4
28/03/2026	02:20:00	46.0	57.0	49.9	45.3	43.7	41.8	36.1	27.8	22.6	44.1	57.4
28/03/2026	02:25:00	47.6	55.8	50.0	44.6	45.0	44.0	39.1	29.4	22.5	43.7	66.0
28/03/2026	02:30:00	45.2	55.6	49.3	44.3	43.4	41.0	35.1	26.3	21.8	43.5	58.9
28/03/2026	02:35:00	45.4	55.6	48.9	45.2	42.7	41.5	35.5	25.8	18.5	43.2	59.4
28/03/2026	02:40:00	45.6	56.1	49.4	44.3	42.9	42.1	35.8	26.1	22.2	43.7	55.0
28/03/2026	02:45:00	46.1	56.0	49.0	44.2	42.7	42.8	37.7	26.2	18.7	42.8	60.1
28/03/2026	02:50:00	46.4	55.3	48.3	45.0	44.4	42.8	36.1	26.4	21.0	43.7	59.1
28/03/2026	02:55:00	47.2	55.6	48.8	45.3	44.2	44.1	37.6	27.5	20.3	44.0	62.6
28/03/2026	03:00:00	52.1	55.7	52.7	53.6	49.4	46.3	43.2	40.4	34.9	44.0	65.6
28/03/2026	03:05:00	48.9	53.7	48.2	46.6	46.9	45.6	39.0	30.1	21.0	44.7	65.7
28/03/2026	03:10:00	51.3	56.0	51.8	52.0	48.9	46.2	42.4	39.0	33.4	45.6	63.8
28/03/2026	03:15:00	49.9	56.5	51.2	50.6	48.1	45.4	40.1	33.6	25.5	45.3	57.5
28/03/2026	03:20:00	45.4	53.9	48.2	44.0	43.1	41.7	35.9	26.4	18.9	43.1	59.9
28/03/2026	03:25:00	46.4	56.0	49.6	45.2	43.5	43.1	36.7	25.8	19.0	42.8	58.2
28/03/2026	03:30:00	48.1	54.4	50.2	49.5	46.5	42.9	38.2	32.2	23.7	42.9	61.5
28/03/2026	03:35:00	43.9	53.6	47.0	43.6	41.3	40.4	33.9	24.4	18.9	41.6	57.5
28/03/2026	03:40:00	44.5	56.8	49.1	44.3	41.4	39.6	36.8	27.3	23.2	42.2	55.8
28/03/2026	03:45:00	47.7	55.1	49.7	48.0	45.6	42.8	39.3	32.6	25.2	42.1	62.9
28/03/2026	03:50:00	44.6	51.6	46.9	43.6	42.8	40.7	34.5	26.3	21.0	40.6	60.4
28/03/2026	03:55:00	43.3	51.1	46.0	43.1	41.5	39.2	33.3	24.6	22.3	41.5	55.0



Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
28/03/2026	04:00:00	52.3	52.3	46.8	43.3	41.7	41.9	50.1	38.7	28.8	41.5	66.7
28/03/2026	04:05:00	55.3	57.4	49.3	43.7	42.0	41.2	53.5	41.2	28.3	42.4	69.2
28/03/2026	04:10:00	54.6	51.0	48.3	44.0	41.9	45.2	52.5	41.0	26.4	42.3	71.9
28/03/2026	04:15:00	48.6	51.4	46.9	42.5	41.7	40.2	45.4	36.9	31.4	41.8	66.3
28/03/2026	04:20:00	46.7	50.7	48.9	43.5	41.7	41.4	41.7	32.1	25.6	41.6	62.9
28/03/2026	04:25:00	49.6	51.8	49.8	45.3	44.6	46.8	42.7	31.8	20.2	42.2	69.3
28/03/2026	04:30:00	44.1	52.4	46.6	43.0	40.8	40.4	35.9	27.0	26.2	41.1	57.2
28/03/2026	04:35:00	52.4	51.1	47.3	44.6	42.4	41.9	50.1	39.4	28.1	41.4	68.7
28/03/2026	04:40:00	55.9	54.0	49.7	46.6	44.8	44.0	53.7	43.8	32.3	41.7	70.7
28/03/2026	04:45:00	54.1	53.8	51.3	54.0	45.0	41.5	51.3	41.9	29.2	42.0	68.2
28/03/2026	04:50:00	45.7	51.8	47.4	43.5	41.2	40.0	40.7	31.5	24.0	41.2	58.8
28/03/2026	04:55:00	45.5	49.1	45.9	42.3	40.3	40.3	41.0	28.9	19.1	40.4	61.0
28/03/2026	05:00:00	48.7	50.6	46.3	43.2	40.7	39.6	45.9	36.6	25.3	40.9	67.2
28/03/2026	05:05:00	54.2	53.7	48.0	44.5	42.2	41.6	52.3	40.8	27.7	40.9	69.9
28/03/2026	05:10:00	43.1	50.0	45.3	41.5	40.3	39.0	35.7	26.2	20.3	40.9	55.5
28/03/2026	05:15:00	44.3	49.3	45.3	42.4	42.3	39.5	36.9	28.6	23.6	41.1	64.2
28/03/2026	05:20:00	46.8	52.7	47.5	43.8	42.4	41.3	41.2	35.7	28.2	40.8	62.2
28/03/2026	05:25:00	48.6	51.8	47.2	44.5	46.0	44.4	41.1	35.5	32.0	41.6	67.6
28/03/2026	05:30:00	44.0	52.4	47.9	42.7	40.9	40.5	34.9	27.2	23.5	41.2	58.0
28/03/2026	05:35:00	47.0	51.4	47.1	43.3	42.5	42.8	40.4	35.0	24.4	42.0	62.3
28/03/2026	05:40:00	46.7	53.4	48.4	44.2	42.7	41.5	40.1	35.7	30.5	42.1	57.8
28/03/2026	05:45:00	43.6	51.6	47.1	43.5	41.1	39.2	35.1	27.0	19.8	40.4	58.6
28/03/2026	05:50:00	44.0	50.7	46.3	43.2	41.0	40.6	35.1	25.2	18.2	41.3	57.2
28/03/2026	05:55:00	48.5	53.8	47.8	44.5	42.2	44.5	43.4	31.6	24.3	42.3	61.5
28/03/2026	06:00:00	47.4	52.9	49.5	49.7	43.9	42.8	38.6	31.8	23.3	42.5	59.4
28/03/2026	06:05:00	46.4	52.7	50.0	46.1	43.2	42.1	38.8	29.8	22.5	42.3	60.0
28/03/2026	06:10:00	49.5	53.6	51.1	49.3	46.4	45.9	40.9	34.0	22.3	42.1	72.8
28/03/2026	06:15:00	44.8	53.0	49.8	46.1	43.0	39.4	34.8	31.0	24.9	42.1	59.2
28/03/2026	06:20:00	46.1	54.0	52.1	49.0	43.3	40.9	36.3	29.0	21.5	44.1	57.5
28/03/2026	06:25:00	49.8	58.3	55.8	54.6	48.7	41.5	35.7	28.7	24.3	43.3	64.1
28/03/2026	06:30:00	47.9	52.2	47.6	45.4	45.2	43.6	40.3	33.2	30.5	42.3	73.6
28/03/2026	06:35:00	46.4	54.9	48.8	46.4	43.4	42.7	36.8	29.7	25.6	42.5	63.2
28/03/2026	06:40:00	48.0	55.2	53.3	50.8	47.4	41.3	35.4	26.5	21.2	44.3	61.9
28/03/2026	06:45:00	50.4	54.5	50.9	48.9	50.0	45.5	40.3	32.8	25.3	43.7	65.9
28/03/2026	06:50:00	46.0	53.2	48.7	44.3	42.1	39.9	34.8	40.3	26.0	43.1	58.4
28/03/2026	06:55:00	52.2	53.9	52.0	54.0	48.1	45.2	43.6	44.8	34.0	45.0	71.3
28/03/2026	07:00:00	46.7	53.4	49.1	46.2	43.2	42.2	35.8	38.4	26.8	43.1	59.3
28/03/2026	07:05:00	47.3	54.3	52.1	48.8	44.6	41.1	35.8	39.0	25.8	43.8	59.2
28/03/2026	07:10:00	50.5	53.8	52.9	49.0	46.5	42.7	44.3	42.5	29.9	43.6	70.9
28/03/2026	07:15:00	45.8	52.1	49.7	45.2	42.6	41.3	37.5	33.3	24.2	43.0	58.9
28/03/2026	07:20:00	45.9	54.0	49.1	45.3	43.2	41.8	36.6	32.6	24.0	43.3	59.6

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
28/03/2026	07:25:00	48.3	53.5	49.1	45.3	43.7	42.6	36.3	43.2	32.2	43.9	63.3
28/03/2026	07:30:00	48.1	58.1	51.7	47.1	44.3	42.9	37.3	41.0	26.2	44.6	62.0
28/03/2026	07:35:00	46.9	58.1	51.3	46.7	43.9	43.0	37.3	30.4	25.6	43.9	60.1
28/03/2026	07:40:00	56.3	56.6	56.4	54.6	52.2	50.7	49.2	46.1	44.3	44.9	80.0
28/03/2026	07:45:00	47.2	58.0	51.2	45.8	44.0	42.1	36.7	38.8	28.9	43.8	59.8
28/03/2026	07:50:00	47.0	53.9	51.0	47.1	43.8	42.1	35.9	38.3	26.5	44.2	57.6
28/03/2026	07:55:00	46.9	54.9	51.5	47.5	44.4	42.7	36.0	34.2	23.5	44.0	58.5
28/03/2026	08:00:00	49.7	57.6	51.5	48.3	47.5	45.5	40.8	35.2	24.8	44.0	67.0
28/03/2026	08:05:00	53.8	62.6	56.6	50.6	52.3	49.4	45.0	39.2	26.9	44.3	70.8
28/03/2026	08:10:00	50.2	59.8	53.7	49.7	46.2	43.3	39.6	44.3	30.3	45.3	65.9
28/03/2026	08:15:00	47.8	57.7	50.8	46.8	44.3	43.8	38.3	36.8	27.5	44.8	58.8
28/03/2026	08:20:00	47.9	58.9	52.0	47.1	43.8	43.3	40.1	35.0	31.3	45.0	61.2
28/03/2026	08:25:00	48.4	59.7	53.1	47.9	46.5	44.1	38.1	31.1	26.2	45.0	60.1
28/03/2026	08:30:00	47.2	54.1	51.5	47.9	44.5	43.0	37.6	31.6	20.6	44.5	60.5
28/03/2026	08:35:00	48.7	62.2	54.3	48.6	45.9	43.7	38.8	34.1	30.4	44.9	64.7
28/03/2026	08:40:00	47.5	53.8	49.2	46.1	44.2	43.2	39.4	35.1	28.0	44.0	70.5
28/03/2026	08:45:00	47.0	52.4	48.9	46.2	44.1	43.4	37.7	30.8	22.6	44.3	60.5
28/03/2026	08:50:00	49.1	54.9	50.0	47.4	44.7	46.2	39.8	35.7	26.2	44.7	64.3
28/03/2026	08:55:00	48.7	55.8	50.9	50.2	46.4	44.3	38.8	31.8	26.5	45.2	60.7
28/03/2026	09:00:00	48.0	56.9	51.1	47.5	45.4	44.0	38.1	34.0	28.4	44.7	61.2
28/03/2026	09:05:00	49.2	59.9	53.5	49.3	46.3	43.8	40.1	38.4	30.6	46.0	62.7
28/03/2026	09:10:00	50.9	61.3	54.9	51.1	48.0	45.7	42.3	36.6	34.6	45.8	64.6
28/03/2026	09:15:00	49.7	60.5	53.3	48.6	47.1	45.4	40.7	35.0	29.7	45.9	70.2
28/03/2026	09:20:00	49.7	56.3	51.9	49.2	46.6	45.0	40.9	37.0	37.9	45.3	73.2
28/03/2026	09:25:00	58.5	58.7	52.3	48.7	46.6	54.9	54.3	36.2	24.5	48.6	77.9
28/03/2026	09:30:00	56.2	59.2	54.6	50.4	47.7	51.6	51.9	43.7	29.4	47.3	77.2
28/03/2026	09:35:00	50.4	62.4	55.3	49.9	47.3	46.1	41.8	34.1	28.7	47.7	62.9
28/03/2026	09:40:00	51.2	59.9	53.9	50.0	47.8	46.5	44.0	36.7	32.3	47.0	67.1
28/03/2026	09:45:00	49.7	54.2	51.5	48.4	47.7	45.7	41.0	33.4	24.1	46.0	67.5
28/03/2026	09:50:00	49.6	61.5	54.2	49.2	46.9	45.1	40.3	34.2	27.8	46.7	64.7
28/03/2026	09:55:00	51.7	54.8	52.5	48.5	48.8	48.9	42.0	33.9	26.2	46.2	76.7
28/03/2026	10:00:00	52.7	62.4	55.5	51.6	49.8	47.9	44.9	38.8	37.8	47.8	68.3
28/03/2026	10:05:00	49.7	59.2	54.1	49.9	47.8	45.1	39.7	33.1	25.1	47.4	57.7
28/03/2026	10:10:00	50.1	63.5	55.2	50.3	47.6	45.1	40.6	35.0	29.4	47.6	60.3
28/03/2026	10:15:00	49.5	60.7	52.8	48.3	46.9	45.6	40.4	33.4	27.0	46.5	62.3
28/03/2026	10:20:00	50.5	60.5	54.3	50.3	47.7	45.6	43.1	33.0	26.5	46.4	72.3
28/03/2026	10:25:00	51.3	61.8	54.7	50.6	48.2	46.7	42.7	38.8	31.3	47.5	71.2
28/03/2026	10:30:00	51.1	57.6	52.8	49.0	46.3	45.6	46.0	37.1	29.4	46.4	73.0
28/03/2026	10:35:00	49.3	59.6	54.8	50.5	47.3	44.4	39.0	31.8	24.5	46.3	58.7
28/03/2026	10:40:00	48.6	56.5	52.6	48.1	45.9	44.6	39.1	31.5	24.2	46.1	60.5
28/03/2026	10:45:00	51.9	64.0	56.2	51.8	48.8	46.9	43.2	38.1	35.2	47.5	69.3

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
28/03/2026	10:50:00	50.8	59.4	54.0	50.0	47.6	46.0	42.9	38.3	34.7	47.3	66.7
28/03/2026	10:55:00	50.4	62.3	55.9	50.9	47.8	45.1	41.2	35.4	31.3	46.3	62.5
28/03/2026	11:00:00	52.6	62.9	55.3	50.7	49.5	48.1	44.9	39.2	33.3	47.8	74.2
28/03/2026	11:05:00	50.6	56.8	52.5	49.2	48.3	46.5	41.7	35.0	30.4	47.2	63.1
28/03/2026	11:10:00	54.7	68.4	58.3	52.8	49.3	48.7	47.3	46.0	40.3	48.5	79.8
28/03/2026	11:15:00	53.6	67.5	58.4	53.3	50.9	48.1	45.7	38.0	35.0	47.5	74.5
28/03/2026	11:20:00	50.7	61.9	54.4	50.3	47.9	46.0	42.4	36.8	30.1	46.6	66.3
28/03/2026	11:25:00	52.1	63.8	55.9	51.1	49.2	47.3	43.4	39.6	34.9	47.9	67.0
28/03/2026	11:30:00	52.6	64.4	59.2	54.9	50.3	46.3	41.8	36.8	32.9	47.7	64.8
28/03/2026	11:35:00	52.0	64.5	56.1	51.3	48.1	45.6	45.6	40.0	31.9	47.9	77.7
28/03/2026	11:40:00	51.4	63.1	55.4	50.7	48.2	46.8	42.8	36.6	31.9	47.1	65.0
28/03/2026	11:45:00	52.1	61.1	54.6	50.5	48.6	47.1	45.5	38.1	35.6	48.1	74.4
28/03/2026	11:50:00	52.1	56.4	53.0	49.3	48.8	47.9	45.0	37.6	31.4	47.6	67.8
28/03/2026	11:55:00	53.0	64.4	56.7	50.8	49.7	47.2	47.2	38.6	32.6	47.3	78.7
28/03/2026	12:00:00	50.0	56.2	53.0	48.9	47.1	45.3	41.6	37.9	31.1	47.4	70.3
28/03/2026	12:05:00	53.0	58.5	53.8	53.8	49.5	48.7	45.6	35.9	29.4	49.1	69.3
28/03/2026	12:10:00	53.1	61.3	54.2	50.4	49.2	49.0	46.2	38.7	35.8	48.2	67.7
28/03/2026	12:15:00	56.5	60.3	55.1	53.4	53.0	50.5	49.5	46.7	45.2	49.2	76.7
28/03/2026	12:20:00	50.6	59.1	53.6	49.6	47.9	45.8	42.4	38.0	35.3	47.2	61.3
28/03/2026	12:25:00	51.9	57.8	56.2	52.1	49.4	47.4	42.5	36.6	33.7	49.0	63.4
28/03/2026	12:30:00	52.4	56.4	53.0	49.2	48.9	48.7	44.7	38.6	34.3	48.1	65.4
28/03/2026	12:35:00	51.3	61.2	54.6	50.4	47.9	47.5	42.6	35.5	33.8	48.2	67.9
28/03/2026	12:40:00	50.9	59.4	53.4	50.0	48.0	46.8	41.8	35.8	33.2	48.1	61.6
28/03/2026	12:45:00	50.4	55.6	53.0	49.1	48.1	46.1	41.8	35.5	29.4	47.7	67.0
28/03/2026	12:50:00	52.7	64.9	56.7	52.9	49.7	47.7	44.1	38.0	36.9	49.9	71.8
28/03/2026	12:55:00	56.3	61.4	59.1	56.3	52.0	50.6	48.0	46.9	45.6	50.7	70.2
28/03/2026	13:00:00	53.0	59.7	55.0	53.3	49.9	49.0	44.3	37.4	32.4	48.7	67.3
28/03/2026	13:05:00	51.2	56.1	52.5	49.3	47.9	46.9	44.5	35.1	28.2	47.5	59.0
28/03/2026	13:10:00	53.0	56.5	57.4	58.4	49.0	46.2	42.7	36.2	31.4	48.4	65.8
28/03/2026	13:15:00	51.7	56.2	53.0	51.4	49.0	47.7	43.0	37.0	28.8	48.0	70.3
28/03/2026	13:20:00	51.6	56.4	53.5	48.6	48.2	47.3	42.6	42.0	30.0	48.4	67.0
28/03/2026	13:25:00	51.2	57.0	54.0	50.9	48.1	46.7	43.2	37.3	31.5	47.8	68.9
28/03/2026	13:30:00	52.1	55.6	52.6	49.3	48.9	48.5	43.8	38.0	31.9	47.4	68.8
28/03/2026	13:35:00	52.5	56.3	52.0	49.7	50.0	48.6	44.2	38.0	31.2	47.4	67.3
28/03/2026	13:40:00	49.4	56.6	53.1	49.3	47.2	44.6	40.2	34.9	28.8	46.6	66.5
28/03/2026	13:45:00	51.4	56.7	53.3	49.2	47.2	47.1	44.8	36.9	31.9	46.5	72.5
28/03/2026	13:50:00	50.7	57.0	53.6	49.2	47.9	46.4	42.8	36.4	31.0	47.4	70.8
28/03/2026	13:55:00	51.0	55.2	53.9	51.9	48.3	46.4	42.0	35.9	28.7	47.6	63.1
28/03/2026	14:00:00	51.7	55.6	53.4	49.7	48.8	47.8	43.4	36.5	30.6	47.3	71.0
28/03/2026	14:05:00	51.2	59.6	54.0	50.2	47.8	46.8	43.3	36.9	33.9	47.8	64.9
28/03/2026	14:10:00	51.4	61.6	55.7	51.3	48.8	46.5	42.5	36.5	33.9	48.0	63.1



Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
28/03/2026	14:15:00	53.0	64.8	57.1	52.1	50.5	48.0	44.0	38.5	36.2	49.5	67.4
28/03/2026	14:20:00	53.0	61.8	56.2	52.1	50.7	48.3	45.2	37.2	33.6	49.3	68.8
28/03/2026	14:25:00	50.2	56.7	53.5	50.0	47.6	46.2	40.5	33.9	28.9	47.3	61.3
28/03/2026	14:30:00	52.1	55.4	53.8	49.9	49.9	48.1	43.4	36.3	30.9	48.4	70.0
28/03/2026	14:35:00	50.8	58.9	55.5	50.0	48.8	46.3	41.1	34.9	29.8	48.2	62.7
28/03/2026	14:40:00	52.7	61.3	55.3	51.0	50.5	48.5	43.5	37.5	33.5	49.0	69.3
28/03/2026	14:45:00	54.9	65.8	57.8	52.9	52.5	50.4	46.1	40.2	36.3	50.1	72.3
28/03/2026	14:50:00	54.4	58.7	55.7	50.6	52.3	48.3	48.5	37.6	35.5	48.2	75.6
28/03/2026	14:55:00	51.4	56.0	54.2	49.7	49.4	47.3	42.0	35.7	30.8	48.5	66.1
28/03/2026	15:00:00	51.2	57.0	53.6	49.5	49.1	46.5	42.9	36.9	32.9	48.5	68.6
28/03/2026	15:05:00	56.1	57.9	55.4	50.5	50.5	52.6	50.3	37.7	34.3	48.4	70.7
28/03/2026	15:10:00	54.9	56.1	54.8	50.4	50.9	50.6	49.4	36.1	29.6	48.7	65.9
28/03/2026	15:15:00	51.9	60.1	55.8	51.6	50.4	46.4	42.4	38.0	35.8	48.4	67.5
28/03/2026	15:20:00	53.4	65.3	58.4	56.3	50.4	47.4	43.7	38.6	36.7	49.2	65.9
28/03/2026	15:25:00	54.8	57.7	54.6	51.0	53.3	50.8	46.2	38.9	28.5	48.9	70.5
28/03/2026	15:30:00	58.9	63.4	57.9	54.4	56.9	55.2	50.3	42.0	36.2	52.1	76.2
28/03/2026	15:35:00	58.7	62.1	59.1	54.5	56.7	55.1	50.0	40.9	31.3	50.6	79.2
28/03/2026	15:40:00	53.3	62.8	58.3	52.0	51.7	48.1	44.1	37.0	31.2	48.8	66.1
28/03/2026	15:45:00	56.8	62.4	57.1	53.2	53.8	53.2	49.0	41.4	35.8	48.7	75.2
28/03/2026	15:50:00	60.1	68.0	60.1	57.0	55.0	57.1	52.8	42.6	36.8	51.0	83.2
28/03/2026	15:55:00	53.3	60.4	57.2	52.6	51.2	48.7	44.1	38.4	36.3	49.8	66.2
28/03/2026	16:00:00	51.2	58.1	55.3	50.9	49.3	46.6	42.1	34.2	29.4	48.9	63.7
28/03/2026	16:05:00	51.9	61.1	56.6	51.4	49.6	47.4	42.8	35.4	31.8	49.5	64.3
28/03/2026	16:10:00	56.0	64.6	57.6	53.3	53.9	51.7	47.5	41.2	38.7	50.0	75.8
28/03/2026	16:15:00	54.6	56.7	54.6	52.2	53.4	50.2	45.8	38.3	30.3	49.7	71.8
28/03/2026	16:20:00	56.3	64.1	57.1	53.6	55.0	50.4	48.1	42.0	39.7	49.5	76.3
28/03/2026	16:25:00	53.0	61.6	56.5	51.5	50.5	48.5	44.1	38.8	36.3	49.6	68.1
28/03/2026	16:30:00	54.3	65.8	58.2	53.1	53.0	49.3	44.5	37.2	33.1	48.6	70.8
28/03/2026	16:35:00	56.8	63.5	59.8	54.9	55.7	52.5	46.0	38.6	34.2	49.7	71.2
28/03/2026	16:40:00	56.2	58.4	59.7	54.3	54.7	51.7	46.4	41.7	32.6	51.0	70.2
28/03/2026	16:45:00	54.3	57.3	56.3	51.9	52.9	50.0	45.4	37.6	29.6	48.6	68.5
28/03/2026	16:50:00	51.8	59.0	56.3	51.1	49.8	47.2	42.5	34.9	27.6	48.1	69.0
28/03/2026	16:55:00	52.9	58.5	55.9	51.2	51.2	48.9	43.4	36.0	30.8	48.7	71.4
28/03/2026	17:00:00	53.7	57.8	55.2	51.8	52.2	49.7	43.7	35.6	27.2	48.7	68.7
28/03/2026	17:05:00	57.6	58.8	55.3	52.1	52.9	54.7	49.7	44.4	34.3	49.9	83.8
28/03/2026	17:10:00	55.6	61.3	61.7	59.2	52.9	48.9	45.8	40.9	35.3	50.4	70.5
28/03/2026	17:15:00	53.6	59.9	56.7	52.8	51.7	49.2	44.3	36.9	36.3	50.1	68.3
28/03/2026	17:20:00	55.8	62.0	60.2	55.0	54.5	50.8	45.7	38.6	33.9	51.4	69.8
28/03/2026	17:25:00	56.4	56.9	58.2	55.3	55.4	51.7	47.1	39.2	32.1	51.7	71.8
28/03/2026	17:30:00	54.9	58.8	58.9	54.0	53.3	50.6	45.5	36.6	28.6	50.4	66.8
28/03/2026	17:35:00	58.1	60.3	61.1	56.7	56.5	53.7	49.0	41.7	34.0	51.9	76.5



Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
28/03/2026	17:40:00	58.7	57.4	60.0	55.4	57.3	54.5	49.4	42.4	30.7	52.0	77.7
28/03/2026	17:45:00	56.6	58.6	61.7	54.6	55.3	52.0	46.8	38.7	31.7	50.9	68.9
28/03/2026	17:50:00	53.8	57.2	54.2	52.3	52.0	49.6	45.1	37.4	29.7	49.3	67.8
28/03/2026	17:55:00	57.3	59.5	59.0	56.4	55.7	52.4	48.9	39.1	30.2	51.8	69.2
28/03/2026	18:00:00	57.0	58.2	60.1	55.1	55.5	52.3	48.1	39.7	30.0	51.5	69.7
28/03/2026	18:05:00	61.2	60.5	60.0	55.2	56.9	58.3	53.5	44.9	32.8	51.8	80.2
28/03/2026	18:10:00	64.2	58.1	59.3	56.9	60.1	60.6	58.2	47.7	36.8	54.7	81.3
28/03/2026	18:15:00	59.9	60.3	62.7	58.1	57.6	55.9	51.2	42.5	34.5	54.2	72.2
28/03/2026	18:20:00	56.2	58.8	60.6	56.0	54.4	51.6	46.7	39.4	33.0	52.1	69.7
28/03/2026	18:25:00	57.1	58.3	60.4	54.8	55.9	52.7	47.3	39.6	34.6	50.7	71.0
28/03/2026	18:30:00	57.1	57.4	59.4	55.1	56.4	52.6	46.9	39.1	31.9	51.8	72.4
28/03/2026	18:35:00	56.6	59.1	59.4	53.4	55.0	52.2	48.1	40.6	31.9	51.4	74.7
28/03/2026	18:40:00	59.5	59.8	62.3	56.0	57.5	55.7	50.9	43.3	34.0	52.6	71.5
28/03/2026	18:45:00	55.5	57.4	58.6	53.3	54.7	50.7	46.3	38.5	28.1	50.8	71.7
28/03/2026	18:50:00	55.6	55.7	56.0	51.8	54.0	51.5	46.8	38.8	30.3	49.4	69.0
28/03/2026	18:55:00	58.5	56.3	60.7	56.4	57.1	54.4	48.9	41.7	32.2	50.0	75.3
28/03/2026	19:00:00	57.0	58.9	61.9	55.3	55.7	52.5	47.5	39.4	29.2	50.3	72.4
28/03/2026	19:05:00	60.7	61.1	65.7	58.8	58.7	56.6	51.7	43.2	32.0	52.7	81.4
28/03/2026	19:10:00	58.2	63.4	64.5	56.6	56.1	53.1	49.9	45.0	33.9	51.8	72.0
28/03/2026	19:15:00	60.5	66.9	63.8	56.0	58.0	56.4	53.0	45.9	33.6	53.0	71.8
28/03/2026	19:20:00	64.9	66.8	65.2	58.7	61.1	61.8	57.5	47.8	36.6	54.1	80.2
28/03/2026	19:25:00	59.0	64.1	63.5	58.7	56.7	54.2	50.8	43.0	33.7	53.3	71.1
28/03/2026	19:30:00	59.2	67.2	67.1	58.6	57.0	54.3	49.9	42.2	37.7	53.2	73.5
28/03/2026	19:35:00	62.6	64.3	66.0	58.5	60.4	58.4	54.6	47.6	35.9	54.3	78.2
28/03/2026	19:40:00	64.6	67.4	67.2	59.6	61.2	61.7	55.8	49.1	36.9	55.8	77.4
28/03/2026	19:45:00	65.0	66.9	66.6	58.7	61.3	61.6	58.0	49.4	35.9	55.8	87.7
28/03/2026	19:50:00	67.0	79.8	67.3	60.2	61.1	63.5	59.8	54.3	42.7	55.0	85.1
28/03/2026	19:55:00	60.5	63.8	64.0	54.4	58.5	55.1	53.5	44.5	31.2	51.8	83.1
28/03/2026	20:00:00	56.9	67.4	65.8	56.0	54.4	52.0	47.2	38.1	27.3	51.5	70.0
28/03/2026	20:05:00	59.6	69.0	64.4	56.9	56.6	55.4	51.3	45.9	35.1	52.2	76.6
28/03/2026	20:10:00	57.8	60.2	65.3	55.1	55.7	53.3	48.9	41.0	31.1	51.7	70.6
28/03/2026	20:15:00	59.2	63.3	66.1	57.4	57.5	54.6	49.7	41.9	33.1	52.0	70.0
28/03/2026	20:20:00	59.3	65.0	63.8	57.7	57.2	55.2	49.9	41.0	31.3	53.7	73.7
28/03/2026	20:25:00	59.3	62.7	64.0	59.3	55.8	55.1	50.9	43.9	35.2	53.3	74.5
28/03/2026	20:30:00	58.6	66.1	62.6	57.4	57.4	53.8	48.7	40.7	35.9	51.8	76.9
28/03/2026	20:35:00	62.6	65.8	63.6	58.1	60.9	59.1	53.0	44.9	36.9	53.3	77.4
28/03/2026	20:40:00	62.2	65.2	64.5	59.8	60.8	58.2	52.3	44.8	34.9	55.0	77.0
28/03/2026	20:45:00	69.4	62.7	64.3	60.6	66.0	67.3	60.4	50.7	40.1	54.0	88.5
28/03/2026	20:50:00	63.5	67.0	64.1	57.8	61.3	60.2	54.5	44.9	35.7	53.1	81.6
28/03/2026	20:55:00	59.8	62.9	62.3	57.8	56.8	56.5	51.2	42.9	36.4	53.0	77.9
28/03/2026	21:00:00	60.0	63.0	62.3	58.5	58.7	55.7	50.8	42.7	33.5	53.3	76.4

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
28/03/2026	21:05:00	54.2	63.6	60.8	52.6	51.1	49.5	46.7	37.9	26.0	49.1	66.9
28/03/2026	21:10:00	61.4	64.3	62.6	56.3	58.2	58.4	52.5	44.5	33.7	50.4	77.4
28/03/2026	21:15:00	60.6	65.3	63.3	57.2	58.4	57.4	51.0	42.8	33.4	52.1	77.1
28/03/2026	21:20:00	54.2	65.1	60.3	54.7	52.7	48.6	44.2	36.8	28.2	51.4	70.6
28/03/2026	21:25:00	57.0	65.8	61.5	56.4	56.2	51.5	47.1	39.6	29.7	52.0	70.0
28/03/2026	21:30:00	59.4	66.7	63.2	57.7	56.7	54.9	50.9	46.5	37.1	52.6	73.6
28/03/2026	21:35:00	54.9	65.4	61.4	56.5	51.8	50.0	45.9	36.2	28.2	51.1	68.8
28/03/2026	21:40:00	54.4	62.0	61.1	55.4	52.8	49.3	44.2	36.7	27.8	51.2	65.8
28/03/2026	21:45:00	54.3	61.0	59.4	54.7	52.5	49.3	45.4	36.0	26.6	50.1	68.8
28/03/2026	21:50:00	53.8	62.7	61.7	56.1	51.1	48.2	44.0	38.6	29.4	51.3	67.9
28/03/2026	21:55:00	54.4	60.0	58.4	56.0	52.3	49.6	44.2	38.6	28.4	50.8	74.3
28/03/2026	22:00:00	55.4	62.2	59.5	56.5	53.9	50.0	45.7	37.8	35.2	51.9	67.3
28/03/2026	22:05:00	62.1	61.7	60.0	57.9	59.8	59.6	50.7	43.6	32.9	50.8	81.6
28/03/2026	22:10:00	58.6	62.4	60.6	57.6	56.2	53.1	48.9	50.0	37.2	52.8	82.2
28/03/2026	22:15:00	57.8	62.5	59.9	56.0	55.2	54.5	47.8	39.3	27.9	51.5	77.5
28/03/2026	22:20:00	60.4	68.1	61.9	56.9	57.5	57.0	51.7	44.3	31.3	53.4	82.1
28/03/2026	22:25:00	61.3	67.0	62.2	57.8	59.7	57.3	51.7	43.3	31.9	54.4	78.6
28/03/2026	22:30:00	59.4	63.6	61.2	56.0	55.6	56.5	50.9	43.1	31.9	51.6	74.6
28/03/2026	22:35:00	55.7	63.2	60.3	55.9	52.9	49.8	47.1	45.2	34.9	49.7	74.4
28/03/2026	22:40:00	56.2	60.9	59.1	54.9	53.3	52.1	48.8	39.6	31.8	50.2	70.4
28/03/2026	22:45:00	53.0	60.5	55.7	53.6	50.8	48.2	44.2	36.7	27.6	47.4	65.6
28/03/2026	22:50:00	54.9	60.2	55.8	53.9	50.1	49.3	50.0	38.3	28.2	47.8	81.3
28/03/2026	22:55:00	49.7	58.7	53.3	50.1	47.0	45.7	40.6	31.3	24.3	46.5	59.4
28/03/2026	23:00:00	51.3	57.8	51.1	48.2	47.8	48.8	41.5	32.0	23.7	46.4	72.3
28/03/2026	23:05:00	54.6	59.1	56.6	50.6	52.8	50.8	45.9	38.5	30.2	49.2	71.3
28/03/2026	23:10:00	55.2	58.7	54.4	51.0	53.8	51.5	45.6	38.2	29.4	48.5	73.5
28/03/2026	23:15:00	51.9	57.9	53.1	50.1	48.6	48.2	44.0	34.0	23.5	48.0	62.9
28/03/2026	23:20:00	55.0	61.3	53.7	50.0	51.8	52.0	46.4	37.2	26.3	48.5	73.7
28/03/2026	23:25:00	55.1	60.0	54.9	50.9	53.1	51.4	46.1	39.4	31.4	50.1	68.9
28/03/2026	23:30:00	58.5	61.2	53.1	50.7	56.5	55.6	48.4	40.9	41.0	49.1	83.3
28/03/2026	23:35:00	51.9	61.1	53.3	48.9	50.0	48.0	42.0	35.7	29.2	47.4	66.3
28/03/2026	23:40:00	57.4	60.4	53.6	50.6	54.7	54.3	49.5	39.2	30.1	48.2	79.2
28/03/2026	23:45:00	50.6	63.9	54.5	48.1	47.8	46.6	41.8	33.9	25.2	47.4	62.5
28/03/2026	23:50:00	52.2	61.4	54.4	49.7	49.2	48.5	43.7	36.4	28.9	48.5	71.7
28/03/2026	23:55:00	52.2	62.9	55.3	48.6	49.5	48.8	43.2	34.7	23.4	48.2	65.8
29/03/2026	00:00:00	52.2	61.1	53.7	48.5	49.4	48.7	43.7	35.8	24.0	48.7	62.2
29/03/2026	00:05:00	53.5	61.0	53.9	50.2	51.2	49.6	44.8	39.7	33.3	49.7	66.1
29/03/2026	00:10:00	50.5	61.0	52.7	48.6	48.2	45.9	41.8	37.0	24.9	48.1	67.7
29/03/2026	00:15:00	52.7	60.6	54.0	49.2	50.0	49.2	44.2	35.9	22.0	48.8	70.8
29/03/2026	00:20:00	63.8	60.2	53.1	50.9	59.7	58.4	58.8	53.2	41.2	48.5	82.3
29/03/2026	00:25:00	52.7	61.2	52.8	49.5	51.3	48.5	43.6	34.3	26.0	48.6	67.4

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
29/03/2026	00:30:00	53.2	62.9	54.6	49.1	51.0	48.3	44.6	38.5	43.7	48.7	70.1
29/03/2026	00:35:00	50.3	59.6	51.6	47.5	47.5	46.6	41.8	33.1	25.3	47.5	61.9
29/03/2026	00:40:00	49.5	60.2	52.6	47.4	47.1	45.7	40.3	31.9	23.4	47.2	59.4
29/03/2026	00:45:00	51.8	60.7	52.7	47.5	50.2	47.8	42.5	34.1	25.8	47.8	65.1
29/03/2026	00:50:00	51.8	62.3	53.5	50.3	49.7	47.3	42.5	37.0	31.1	47.3	73.7
29/03/2026	00:55:00	53.0	69.9	60.5	53.0	49.1	46.7	43.6	38.9	34.0	46.9	67.3
29/03/2026	02:00:00	49.5	60.8	52.3	46.5	46.1	45.4	41.6	35.1	25.4	46.5	62.9
29/03/2026	02:05:00	49.0	57.8	51.0	46.0	46.0	45.6	40.4	31.5	25.6	46.6	62.0
29/03/2026	02:10:00	50.9	59.2	52.1	47.0	49.0	47.3	41.6	32.8	25.7	47.8	62.4
29/03/2026	02:15:00	53.7	60.5	52.0	47.1	51.4	51.4	41.9	33.5	23.3	47.1	71.2
29/03/2026	02:20:00	57.4	59.1	51.5	47.3	52.3	55.9	48.3	39.8	27.4	46.3	77.2
29/03/2026	02:25:00	49.9	59.3	51.7	47.5	47.7	46.3	40.8	30.7	19.3	46.9	60.1
29/03/2026	02:30:00	49.2	58.8	52.3	47.2	46.7	45.2	40.2	32.4	34.5	46.5	61.4
29/03/2026	02:35:00	54.9	58.5	51.0	48.8	53.3	51.6	45.2	36.9	27.8	46.2	73.4
29/03/2026	02:40:00	48.2	57.1	51.9	46.3	46.1	44.4	38.7	30.3	22.9	45.2	60.3
29/03/2026	02:45:00	48.1	60.6	54.5	46.8	46.0	43.7	37.8	29.6	21.6	45.7	58.6
29/03/2026	02:50:00	48.7	59.1	54.2	47.6	45.7	44.5	39.6	32.5	23.9	45.3	64.2
29/03/2026	02:55:00	53.3	59.8	54.2	49.7	51.0	48.9	45.5	40.0	35.7	45.3	69.6
29/03/2026	03:00:00	48.7	59.1	51.3	46.5	46.1	45.0	39.6	29.2	21.1	46.1	57.6
29/03/2026	03:05:00	48.8	61.5	51.8	46.1	46.0	44.9	40.2	33.1	26.2	46.1	61.6
29/03/2026	03:10:00	48.8	57.5	50.0	46.4	47.0	44.3	39.5	34.9	27.7	45.3	65.0
29/03/2026	03:15:00	50.3	58.2	51.0	46.3	46.4	45.8	43.3	39.3	28.2	45.3	67.9
29/03/2026	03:20:00	58.8	57.7	50.9	45.4	44.9	53.3	53.8	51.9	33.2	45.3	76.9
29/03/2026	03:25:00	55.0	58.8	52.1	50.4	53.0	51.4	46.4	37.7	28.8	45.6	74.9
29/03/2026	03:30:00	49.6	58.1	51.3	46.3	45.5	45.5	43.6	30.7	20.6	45.3	63.3
29/03/2026	03:35:00	48.0	59.1	50.8	46.3	44.9	44.5	38.7	31.0	25.6	44.9	63.6
29/03/2026	03:40:00	46.3	57.6	49.8	47.0	43.0	42.1	36.7	28.8	19.8	44.2	68.2
29/03/2026	03:45:00	47.9	58.1	50.6	50.4	43.7	43.5	38.9	30.6	20.9	44.4	60.0
29/03/2026	03:50:00	47.0	57.7	49.5	44.4	44.0	43.3	38.4	29.7	19.8	44.4	62.1
29/03/2026	03:55:00	46.6	56.9	49.0	44.4	43.9	43.0	37.8	28.9	22.1	44.0	58.2
29/03/2026	04:00:00	47.8	52.5	46.8	44.0	44.6	43.8	40.2	34.2	28.3	44.7	63.9
29/03/2026	04:05:00	48.8	53.2	48.0	45.8	46.4	44.7	40.5	34.4	27.5	44.6	62.8
29/03/2026	04:10:00	45.4	52.0	46.7	43.9	42.8	41.7	36.4	27.9	19.8	42.5	58.4
29/03/2026	04:15:00	45.1	50.6	46.7	43.5	41.9	42.1	36.0	25.8	18.5	41.5	59.4
29/03/2026	04:20:00	57.0	49.9	47.4	48.6	54.0	54.9	47.2	40.2	32.9	41.8	82.3
29/03/2026	04:25:00	43.7	50.5	45.8	42.7	40.9	40.1	34.9	26.6	20.8	41.5	57.5
29/03/2026	04:30:00	45.0	50.7	46.4	43.7	42.0	41.5	36.1	27.4	20.0	42.0	60.0
29/03/2026	04:35:00	44.8	51.4	45.6	43.0	41.9	41.5	35.6	27.5	18.8	42.4	57.1
29/03/2026	04:40:00	44.1	50.5	46.1	43.1	41.3	40.3	35.5	24.7	20.2	42.0	54.9
29/03/2026	04:45:00	45.2	50.8	46.4	44.0	41.8	42.3	36.0	24.4	17.3	41.5	60.0
29/03/2026	04:50:00	44.0	50.8	46.7	43.3	40.9	40.9	34.5	24.0	18.0	40.5	57.0

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
29/03/2026	04:55:00	46.6	51.5	46.6	43.7	41.8	44.2	37.8	28.0	18.8	40.2	67.4
29/03/2026	05:00:00	42.0	48.1	44.3	41.5	39.1	38.6	33.0	20.6	16.6	40.2	56.1
29/03/2026	05:05:00	43.7	48.9	44.8	42.4	40.3	40.9	34.7	22.5	17.0	40.5	58.4
29/03/2026	05:10:00	51.2	49.2	45.7	43.2	49.3	48.2	42.1	31.8	19.6	41.9	66.9
29/03/2026	05:15:00	59.7	51.4	48.3	47.7	58.4	56.3	50.9	39.9	27.8	43.8	75.2
29/03/2026	05:20:00	60.1	49.1	45.7	43.0	58.7	51.7	55.7	45.7	32.2	40.6	72.7
29/03/2026	05:25:00	57.5	51.0	48.0	43.3	40.6	41.6	55.7	45.9	33.7	41.3	71.1
29/03/2026	05:30:00	57.2	49.5	46.0	43.2	40.8	42.7	55.3	45.9	33.6	40.8	69.8
29/03/2026	05:35:00	57.4	49.4	45.5	43.9	41.6	43.1	55.6	46.1	34.0	40.7	70.4
29/03/2026	05:40:00	55.9	50.0	45.4	42.5	40.0	40.5	54.1	44.1	31.6	40.4	70.1
29/03/2026	05:45:00	48.0	51.8	46.9	43.3	40.7	40.7	44.8	33.7	20.2	40.7	61.2
29/03/2026	05:50:00	54.4	57.0	47.3	45.7	42.2	41.7	51.8	45.7	33.0	41.6	70.2
29/03/2026	05:55:00	52.5	50.6	45.6	42.6	40.0	39.6	50.3	42.0	28.3	41.3	68.4
29/03/2026	06:00:00	46.6	51.2	47.5	43.9	41.4	42.7	40.7	30.8	21.2	40.9	62.0
29/03/2026	06:05:00	51.6	48.9	45.3	42.5	40.1	39.3	49.4	39.9	33.7	41.1	66.7
29/03/2026	06:10:00	49.6	53.0	47.2	48.3	44.7	43.5	44.8	36.6	26.9	41.9	66.3
29/03/2026	06:15:00	46.0	52.5	48.7	47.4	42.5	40.9	39.1	29.5	20.0	40.7	57.7
29/03/2026	06:20:00	47.1	51.9	48.6	47.8	43.6	42.8	39.3	31.3	21.5	41.8	59.6
29/03/2026	06:25:00	56.5	56.7	54.7	56.3	54.9	50.6	48.0	45.7	41.7	46.3	70.2
29/03/2026	06:30:00	53.7	56.8	54.7	55.9	53.3	45.9	44.2	39.3	34.6	43.7	67.7
29/03/2026	06:35:00	53.4	57.0	54.2	54.5	52.5	46.8	44.3	39.8	34.8	45.3	65.4
29/03/2026	06:40:00	49.3	53.6	49.7	46.8	47.8	44.4	41.8	34.2	20.9	42.8	72.9
29/03/2026	06:45:00	46.9	49.8	46.0	44.0	46.3	42.0	38.4	33.6	21.0	41.5	62.8
29/03/2026	06:50:00	45.3	50.4	46.6	45.6	43.9	40.6	35.7	29.3	19.5	41.9	56.2
29/03/2026	06:55:00	45.7	50.2	45.9	43.5	41.7	41.9	38.5	32.7	25.4	41.8	61.1
29/03/2026	07:00:00	46.9	51.4	48.6	47.2	44.8	41.9	37.7	35.3	23.8	43.0	60.4
29/03/2026	07:05:00	50.0	53.4	49.0	50.1	45.5	44.7	42.1	42.1	28.9	44.9	59.6
29/03/2026	07:10:00	47.0	55.3	53.0	48.1	45.3	41.2	37.3	29.1	22.7	43.7	68.6
29/03/2026	07:15:00	65.1	55.8	58.3	56.0	55.9	58.2	59.1	59.5	52.2	45.3	75.8
29/03/2026	07:20:00	50.0	53.2	50.0	47.3	48.2	45.3	43.0	35.8	26.3	44.6	70.5
29/03/2026	07:25:00	61.8	52.3	60.8	56.9	56.0	59.4	54.2	48.0	37.4	45.3	77.7
29/03/2026	07:30:00	50.7	51.8	49.7	47.9	45.2	44.8	42.0	45.2	34.3	45.0	67.5
29/03/2026	07:35:00	47.2	51.3	47.5	45.9	43.2	41.4	36.1	40.9	34.8	43.5	59.5
29/03/2026	07:40:00	49.1	50.9	47.3	44.2	42.8	40.8	35.4	46.0	33.8	44.2	57.7
29/03/2026	07:45:00	50.7	52.1	50.2	51.0	47.3	44.8	43.1	41.7	31.4	43.9	61.6
29/03/2026	07:50:00	49.5	53.6	51.4	51.2	47.1	43.2	40.3	39.8	27.6	45.0	61.3
29/03/2026	07:55:00	47.1	51.4	49.1	45.6	43.4	42.8	36.0	39.4	25.1	44.1	58.4
29/03/2026	08:00:00	48.4	51.2	47.3	44.3	43.1	42.1	36.0	44.3	28.9	43.5	65.5
29/03/2026	08:05:00	51.4	52.7	49.5	48.3	45.2	44.4	40.2	47.6	36.6	44.9	66.3
29/03/2026	08:10:00	47.6	55.1	50.0	45.4	43.1	42.2	35.3	42.1	29.8	44.8	59.1
29/03/2026	08:15:00	46.3	52.3	48.8	44.9	42.5	42.3	36.4	34.4	36.1	43.9	65.0

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
29/03/2026	08:20:00	47.6	57.0	53.9	49.4	44.6	43.0	35.2	34.5	23.4	44.7	60.3
29/03/2026	08:25:00	48.1	54.7	51.4	48.0	45.4	44.0	38.6	34.4	24.8	44.8	60.7
29/03/2026	08:30:00	49.7	53.6	50.2	47.9	46.1	44.7	41.8	40.6	27.1	44.9	67.7
29/03/2026	08:35:00	48.9	54.8	49.2	46.4	44.0	44.4	42.0	39.4	27.3	44.8	65.7
29/03/2026	08:40:00	47.8	55.4	49.6	45.5	43.1	41.9	35.0	42.8	29.8	44.7	58.6
29/03/2026	08:45:00	55.9	57.3	52.7	51.4	47.8	47.3	51.7	48.4	36.5	45.4	81.5
29/03/2026	08:50:00	48.2	52.3	49.3	46.1	44.0	43.4	38.5	41.1	29.2	45.4	58.0
29/03/2026	08:55:00	47.0	53.2	49.6	46.4	44.8	43.3	36.9	30.4	22.5	45.0	59.2
29/03/2026	09:00:00	48.1	56.1	50.3	47.3	44.6	43.8	38.6	38.2	29.1	45.0	64.4
29/03/2026	09:05:00	48.2	54.4	51.2	47.7	44.1	43.0	36.5	41.7	27.6	45.1	59.4
29/03/2026	09:10:00	49.6	56.9	50.8	48.0	45.3	44.9	39.4	41.4	38.4	45.8	61.9
29/03/2026	09:15:00	50.5	55.6	53.2	50.7	46.2	43.1	38.0	44.3	41.3	46.0	63.4
29/03/2026	09:20:00	46.6	53.6	49.7	46.3	43.5	42.7	36.3	34.6	27.7	44.8	60.1
29/03/2026	09:25:00	49.7	55.7	52.8	49.5	44.8	44.7	42.1	40.2	30.2	45.5	65.2
29/03/2026	09:30:00	49.6	57.0	54.6	49.7	46.5	45.2	41.2	33.5	27.0	46.0	67.1
29/03/2026	09:35:00	50.3	55.5	52.5	48.9	47.7	46.7	41.6	34.6	29.0	46.3	64.2
29/03/2026	09:40:00	50.6	58.6	55.3	52.4	48.6	44.9	40.6	35.8	27.6	46.8	62.7
29/03/2026	09:45:00	48.5	57.6	51.7	48.1	45.4	44.5	39.1	33.7	28.9	46.3	61.4
29/03/2026	09:50:00	49.5	56.0	51.2	48.4	46.5	45.7	40.2	36.6	27.9	46.8	63.8
29/03/2026	09:55:00	51.3	55.9	52.7	50.8	49.5	47.1	41.6	36.8	25.4	47.7	70.4
29/03/2026	10:00:00	52.8	55.3	51.3	48.4	47.4	48.9	45.0	42.7	41.1	47.8	68.2
29/03/2026	10:05:00	51.1	57.3	52.7	48.4	47.5	47.7	42.1	39.4	32.9	47.9	64.7
29/03/2026	10:10:00	52.1	57.1	52.7	49.4	48.1	47.5	42.2	44.8	33.4	47.0	70.2
29/03/2026	10:15:00	51.5	57.1	53.2	48.8	46.7	48.1	41.8	42.1	34.8	48.5	60.6
29/03/2026	10:20:00	53.3	57.7	54.6	54.4	52.7	47.8	40.0	40.5	35.2	47.2	63.6
29/03/2026	10:25:00	49.3	56.7	51.5	47.6	45.7	45.7	40.4	36.3	27.5	46.6	69.0
29/03/2026	10:30:00	47.6	56.9	52.4	48.3	44.5	43.8	37.0	30.8	24.6	45.8	53.6
29/03/2026	10:35:00	49.1	60.0	53.3	48.9	45.0	45.4	40.0	33.5	29.5	46.4	60.9
29/03/2026	10:40:00	48.8	58.4	53.3	48.9	46.2	44.9	38.3	31.8	28.1	46.4	56.8
29/03/2026	10:45:00	48.5	57.6	52.2	47.8	45.8	44.8	38.7	30.9	26.3	46.3	58.8
29/03/2026	10:50:00	50.4	57.3	53.7	50.3	48.9	46.5	38.8	31.3	25.0	47.0	62.5
29/03/2026	10:55:00	50.9	58.3	53.1	50.2	49.3	46.7	40.8	35.1	29.0	46.9	63.8
29/03/2026	11:00:00	48.3	56.1	51.3	47.8	45.2	44.8	38.6	31.4	23.7	46.4	58.7
29/03/2026	11:05:00	48.3	56.4	51.5	48.0	45.2	45.0	38.1	29.6	26.3	46.7	60.0
29/03/2026	11:10:00	50.8	57.9	52.7	49.1	48.9	47.0	41.1	35.6	27.9	47.4	65.0
29/03/2026	11:15:00	51.1	56.9	54.0	49.1	46.9	47.6	42.5	38.0	34.1	46.6	64.0
29/03/2026	11:20:00	49.9	57.1	52.5	48.9	46.4	46.5	40.6	34.2	29.8	47.4	65.6
29/03/2026	11:25:00	51.1	58.4	54.2	50.8	48.0	46.8	42.1	38.2	31.5	48.1	63.3
29/03/2026	11:30:00	50.3	56.3	52.2	48.6	46.5	46.9	41.7	36.1	30.1	48.0	59.9
29/03/2026	11:35:00	50.1	55.8	52.4	49.0	46.7	46.1	41.7	36.5	30.0	47.6	59.1
29/03/2026	11:40:00	50.5	55.1	51.5	47.9	46.2	46.2	43.7	39.1	31.7	48.2	64.6



Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
29/03/2026	11:45:00	50.6	55.6	51.3	47.9	45.9	46.3	43.2	40.2	33.1	48.4	60.9
29/03/2026	11:50:00	51.7	55.0	52.0	48.8	47.8	47.2	44.5	41.2	34.1	48.8	66.0
29/03/2026	11:55:00	54.2	56.4	52.0	49.6	51.6	49.6	47.3	42.4	35.4	50.0	71.2
29/03/2026	12:00:00	52.7	56.2	51.8	48.9	48.9	48.6	45.3	41.9	34.6	49.8	65.8
29/03/2026	12:05:00	52.9	55.8	52.3	49.1	48.1	48.3	46.5	42.7	36.3	50.3	62.4
29/03/2026	12:10:00	53.6	56.2	51.9	49.0	48.4	49.5	46.9	43.8	36.3	50.6	68.9
29/03/2026	12:15:00	53.2	55.9	51.6	49.6	49.5	49.4	45.9	41.1	35.2	49.9	66.6
29/03/2026	12:20:00	54.7	57.8	54.4	52.1	50.8	50.4	48.4	40.3	35.4	49.6	64.9
29/03/2026	12:25:00	52.2	55.9	52.3	49.1	47.4	48.0	45.4	41.0	36.2	50.2	60.6
29/03/2026	12:30:00	53.9	56.7	52.4	49.9	49.9	49.5	47.2	43.1	37.7	50.8	68.9
29/03/2026	12:35:00	54.6	57.9	55.5	52.4	51.4	49.6	47.3	43.7	38.5	51.5	72.6
29/03/2026	12:40:00	53.8	56.3	51.7	49.3	48.5	49.2	47.2	44.3	40.1	52.0	65.6
29/03/2026	12:45:00	53.9	56.2	52.1	49.5	48.8	49.3	47.4	43.9	40.1	52.4	65.8
29/03/2026	12:50:00	53.3	56.0	52.1	49.4	48.5	48.9	46.7	42.7	38.6	51.4	63.3
29/03/2026	12:55:00	54.5	58.2	53.3	50.7	50.9	50.6	46.8	43.5	38.4	51.4	72.0
29/03/2026	13:00:00	56.0	60.7	56.0	52.8	51.2	50.7	48.8	47.1	43.7	52.1	80.7
29/03/2026	13:05:00	53.8	58.8	54.4	51.3	49.3	49.0	46.7	43.4	40.1	51.3	73.4
29/03/2026	13:10:00	53.9	59.4	53.9	50.6	50.3	49.1	46.7	43.1	38.6	51.9	67.7
29/03/2026	13:15:00	53.9	59.2	54.0	50.6	49.5	49.3	47.4	43.0	38.2	52.0	64.0
29/03/2026	13:20:00	54.4	58.1	54.7	51.4	50.0	49.6	48.0	43.2	39.2	52.4	63.7
29/03/2026	13:25:00	54.8	57.8	54.8	50.9	50.5	49.8	48.4	44.9	40.0	52.8	65.3
29/03/2026	13:30:00	54.2	57.5	53.5	50.2	49.0	49.4	47.9	44.7	39.2	52.6	63.6
29/03/2026	13:35:00	54.8	62.0	56.3	52.0	50.1	50.0	48.0	44.0	39.7	52.4	69.9
29/03/2026	13:40:00	56.0	59.4	54.7	51.4	51.2	51.8	49.3	45.3	39.7	52.6	73.3
29/03/2026	13:45:00	55.5	58.7	54.1	50.9	49.8	50.7	50.1	44.1	38.6	52.9	67.2
29/03/2026	13:50:00	55.3	59.8	54.5	50.9	49.6	50.9	49.8	42.0	38.1	52.2	65.7
29/03/2026	13:55:00	54.3	60.6	55.9	52.3	49.8	49.8	47.3	42.5	38.0	52.0	67.6
29/03/2026	14:00:00	53.9	60.6	54.6	50.8	49.2	49.5	47.3	42.3	38.9	51.8	65.5
29/03/2026	14:05:00	54.5	64.9	57.3	52.6	50.1	49.7	47.3	42.5	38.5	51.9	65.9
29/03/2026	14:10:00	53.2	58.4	53.9	50.4	49.5	48.9	46.0	41.3	38.4	51.6	63.6
29/03/2026	14:15:00	54.7	61.3	57.9	52.0	50.1	50.0	47.8	43.1	38.5	52.3	70.2
29/03/2026	14:20:00	55.5	64.9	57.2	53.9	51.1	51.0	48.1	43.7	38.9	52.8	79.8
29/03/2026	14:25:00	54.2	59.2	54.6	51.1	49.6	49.8	47.5	43.4	38.7	52.5	65.6
29/03/2026	14:30:00	54.1	61.6	56.0	52.1	50.0	49.6	46.9	42.0	38.2	52.0	69.7
29/03/2026	14:35:00	53.6	58.5	53.9	50.9	49.2	49.1	46.8	42.0	36.6	52.2	63.7
29/03/2026	14:40:00	54.5	60.8	56.2	52.3	50.3	49.7	47.0	44.8	36.8	52.1	74.0
29/03/2026	14:45:00	52.7	60.2	55.2	50.9	48.5	48.1	45.9	40.7	34.8	43.2	66.5
29/03/2026	14:50:00	47.3	50.3	50.6	48.8	45.0	41.3	38.1	35.1	32.3	43.0	65.8
29/03/2026	14:55:00	53.3	62.2	58.9	55.1	51.0	47.1	43.3	40.2	37.4	43.0	72.4
29/03/2026	15:00:00	54.6	61.2	59.9	57.1	52.6	47.8	44.7	41.2	38.6	42.9	79.5
29/03/2026	15:05:00	55.0	61.2	60.0	57.0	52.9	48.7	45.4	41.9	38.6	42.9	78.1

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
29/03/2026	15:10:00	49.2	54.0	53.9	51.1	46.8	42.9	39.5	36.9	35.0	42.7	69.8
29/03/2026	15:15:00	54.3	59.4	58.9	56.0	51.7	47.9	45.1	42.4	39.8	42.8	77.9
29/03/2026	15:20:00	57.5	61.4	61.6	59.1	55.4	51.5	48.0	44.9	42.1	42.8	79.1
29/03/2026	15:25:00	53.7	58.4	58.4	55.8	51.9	47.3	43.6	40.6	38.1	42.8	78.4
29/03/2026	15:30:00	52.4	58.0	57.5	55.1	50.3	46.1	42.1	39.0	35.9	42.7	75.8
29/03/2026	15:35:00	51.4	54.7	55.9	53.9	49.8	44.9	40.9	37.9	34.7	42.7	72.7
29/03/2026	15:40:00	50.8	54.1	55.0	52.5	49.0	44.6	41.0	37.9	35.0	42.8	72.0
29/03/2026	15:45:00	51.8	56.8	57.1	54.1	49.6	45.5	41.6	38.3	35.2	42.8	70.4
29/03/2026	15:50:00	52.0	56.8	57.0	54.3	49.9	45.6	42.0	38.8	35.8	42.8	69.4
29/03/2026	15:55:00	52.7	56.5	57.0	55.0	51.0	46.1	42.7	39.1	36.0	42.8	74.2
29/03/2026	16:00:00	52.7	56.9	57.8	55.2	50.9	46.3	42.4	38.9	35.9	42.8	73.3
29/03/2026	16:05:00	55.6	60.7	60.6	58.1	53.6	49.4	45.5	42.0	39.1	42.9	77.5
29/03/2026	16:10:00	52.7	57.7	57.6	55.2	50.7	46.0	42.5	39.5	37.2	42.8	75.1
29/03/2026	16:15:00	50.2	55.4	54.5	51.9	47.8	44.3	41.1	37.4	34.5	42.8	74.3
29/03/2026	16:20:00	53.0	59.2	58.1	55.2	51.1	46.4	42.8	39.7	36.8	42.7	77.6
29/03/2026	16:25:00	50.4	55.9	55.7	52.9	48.2	44.0	40.3	37.0	34.1	42.7	71.3
29/03/2026	16:30:00	51.7	57.5	56.5	54.2	49.6	45.1	41.7	38.2	35.2	42.7	74.0
29/03/2026	16:35:00	58.1	63.7	63.4	60.8	55.9	51.6	47.7	44.6	41.1	42.8	78.8
29/03/2026	16:40:00	52.4	58.4	58.2	55.0	50.2	45.8	42.2	38.7	35.9	42.7	76.1
29/03/2026	16:45:00	54.9	61.0	60.2	57.0	52.4	48.7	44.9	42.5	40.0	42.8	78.1
29/03/2026	16:50:00	58.3	61.8	62.0	59.7	55.5	51.7	49.4	47.3	45.0	43.0	80.9
29/03/2026	16:55:00	79.4	78.1	71.4	70.0	69.9	70.6	71.6	73.1	74.0	42.9	104.4
29/03/2026	17:00:00	55.4	61.5	57.5	53.5	52.5	51.6	46.9	39.6	36.6	53.0	68.8
29/03/2026	17:05:00	57.4	65.0	60.4	56.5	54.7	52.8	49.0	44.0	40.5	50.5	78.3
29/03/2026	17:10:00	60.1	70.7	64.7	59.4	57.5	54.5	51.7	47.0	44.9	52.6	88.2
29/03/2026	17:15:00	57.3	69.0	62.3	56.5	54.1	52.4	48.6	43.6	41.1	51.1	73.6
29/03/2026	17:20:00	59.8	67.6	62.0	57.2	55.2	55.8	52.3	48.0	45.6	52.8	81.0
29/03/2026	17:25:00	64.1	72.1	66.9	61.5	59.6	58.4	56.9	54.5	52.2	51.0	89.2
29/03/2026	17:30:00	53.7	62.9	58.9	54.8	51.7	48.2	43.8	39.1	36.3	49.5	67.4
29/03/2026	17:35:00	58.2	68.2	62.8	57.7	55.1	52.5	50.0	46.3	44.5	50.1	85.4
29/03/2026	17:40:00	75.7	81.5	78.2	73.7	71.3	69.2	67.9	66.7	66.6	49.2	104.0
29/03/2026	17:45:00	73.2	83.3	77.5	72.9	69.9	67.1	64.7	62.8	61.6	44.4	99.2
29/03/2026	17:50:00	73.0	81.7	77.1	74.2	70.9	66.2	63.7	61.5	59.9	42.9	98.4
29/03/2026	17:55:00	75.4	83.2	80.2	77.5	73.4	69.2	65.3	61.8	58.7	43.0	102.4
29/03/2026	18:00:00	71.7	78.4	76.1	73.7	69.6	65.3	62.3	59.2	56.7	42.9	96.5
29/03/2026	18:05:00	74.9	80.3	76.9	74.1	71.7	69.7	66.5	64.1	62.1	43.0	101.3
29/03/2026	18:10:00	77.2	84.1	81.1	78.2	74.8	71.3	68.1	65.0	63.1	42.9	105.8
29/03/2026	18:15:00	77.2	84.8	81.7	78.0	74.8	71.1	68.2	65.7	63.6	42.9	106.9
29/03/2026	18:20:00	81.3	89.2	85.2	82.2	78.8	75.4	72.5	69.6	66.8	43.0	108.0
29/03/2026	18:25:00	82.7	89.4	85.6	82.3	79.4	76.5	74.5	72.5	71.3	43.4	108.6
29/03/2026	18:30:00	80.5	81.0	77.2	75.0	75.2	74.5	73.2	72.6	71.6	49.8	105.5

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
29/03/2026	18:35:00	52.1	60.0	55.5	50.8	49.8	47.5	42.9	38.0	34.7	49.2	71.7
29/03/2026	18:40:00	64.9	68.0	61.7	59.1	58.5	57.6	57.8	58.4	56.5	48.8	93.8
29/03/2026	18:45:00	56.5	62.3	55.7	52.7	52.1	51.7	50.5	43.1	42.4	48.5	88.5
29/03/2026	18:50:00	61.1	69.3	61.6	57.7	57.9	55.2	53.9	50.9	48.8	50.1	92.2
29/03/2026	18:55:00	56.2	63.9	58.2	53.9	55.9	50.8	46.3	39.1	31.9	49.9	69.3
29/03/2026	19:00:00	54.1	66.9	59.0	52.9	51.5	48.7	45.9	38.9	33.3	49.5	70.7
29/03/2026	19:05:00	53.2	62.3	54.8	50.1	51.9	48.8	42.7	37.3	31.0	47.4	80.0
29/03/2026	19:10:00	51.9	66.7	57.4	51.5	49.0	46.6	42.1	37.6	35.5	48.0	66.5
29/03/2026	19:15:00	58.2	67.1	57.9	52.9	51.1	53.3	52.2	49.6	44.4	49.2	81.0
29/03/2026	19:20:00	51.3	61.9	55.8	50.3	49.2	46.6	41.7	35.6	31.5	47.9	67.4
29/03/2026	19:25:00	51.3	64.4	58.7	51.4	50.0	45.1	40.6	34.3	29.4	48.0	72.6
29/03/2026	19:30:00	51.6	63.1	58.9	51.9	48.6	46.2	43.0	36.9	31.1	48.4	62.1
29/03/2026	19:35:00	52.8	66.6	58.5	53.1	48.9	46.7	44.2	41.9	37.9	48.9	78.7
29/03/2026	19:40:00	58.3	68.9	60.2	54.4	51.4	50.5	51.0	51.4	49.7	48.9	89.4
29/03/2026	19:45:00	56.7	67.1	61.1	54.3	51.1	48.8	48.7	49.1	48.2	49.6	84.5
29/03/2026	19:50:00	56.8	63.5	58.9	54.5	50.5	49.8	49.6	48.8	48.0	50.1	83.5
29/03/2026	19:55:00	55.1	68.8	61.6	56.7	51.9	48.9	45.7	41.2	39.5	50.8	69.8
29/03/2026	20:00:00	58.0	70.6	63.0	57.0	54.4	53.2	50.4	42.1	37.1	52.0	74.3
29/03/2026	20:05:00	60.2	73.8	65.7	59.5	58.0	54.8	50.6	46.0	44.6	51.7	78.4
29/03/2026	20:10:00	54.3	69.1	61.2	56.5	51.3	48.0	44.4	39.1	36.2	50.9	66.6
29/03/2026	20:15:00	67.2	71.1	64.5	59.6	59.4	60.3	60.0	60.8	58.9	51.9	97.5
29/03/2026	20:20:00	55.8	67.9	61.1	57.0	54.5	49.1	45.1	40.2	42.4	52.2	78.0
29/03/2026	20:25:00	62.1	73.3	65.2	57.9	54.0	52.3	52.1	55.6	57.1	51.0	91.2
29/03/2026	20:30:00	54.6	64.3	60.1	54.2	51.2	49.7	47.2	36.9	35.0	50.4	67.5
29/03/2026	20:35:00	56.6	68.5	62.9	58.1	55.2	50.0	45.9	41.4	40.2	50.0	76.1
29/03/2026	20:40:00	61.2	65.8	63.3	60.3	59.5	56.4	53.2	42.6	31.2	50.2	78.1
29/03/2026	20:45:00	56.5	69.3	63.4	58.3	55.4	49.6	44.5	39.4	36.6	50.1	67.9
29/03/2026	20:50:00	57.3	72.2	64.0	57.9	55.4	50.4	46.9	43.2	41.4	51.4	77.9
29/03/2026	20:55:00	55.4	70.3	63.7	56.0	52.6	48.7	45.7	40.7	38.6	50.8	65.8
29/03/2026	21:00:00	55.3	67.5	58.3	54.9	52.9	50.1	46.6	39.8	39.9	50.1	69.5
29/03/2026	21:05:00	54.7	69.3	61.0	55.6	51.6	48.8	46.4	40.3	33.0	50.1	73.6
29/03/2026	21:10:00	55.9	70.1	67.1	55.3	51.4	49.8	46.9	40.7	36.2	51.0	65.4
29/03/2026	21:15:00	56.3	69.7	66.3	56.2	51.5	50.3	48.5	42.7	39.7	52.2	68.6
29/03/2026	21:20:00	54.4	66.4	62.4	55.2	50.2	48.5	46.4	39.8	37.9	50.9	68.9
29/03/2026	21:25:00	58.2	71.2	65.2	56.2	53.5	53.5	51.3	42.6	38.0	52.4	74.5
29/03/2026	21:30:00	55.2	72.7	64.0	55.2	51.9	48.5	45.4	39.9	36.2	51.7	68.5
29/03/2026	21:35:00	55.5	68.2	63.2	57.2	53.5	48.7	45.6	38.9	33.6	51.5	66.8
29/03/2026	21:40:00	59.7	69.2	64.0	58.3	59.0	54.4	49.2	43.7	37.4	53.2	75.1
29/03/2026	21:45:00	57.4	72.1	63.0	58.0	56.2	50.7	46.9	40.5	33.4	53.1	69.3
29/03/2026	21:50:00	55.9	67.0	60.7	56.1	54.1	50.3	46.7	39.2	31.0	51.3	69.6
29/03/2026	21:55:00	54.7	67.6	65.4	54.4	52.0	49.3	44.5	36.6	27.8	51.1	72.5

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
29/03/2026	22:00:00	57.2	66.6	64.9	54.6	55.8	52.3	47.5	38.9	29.7	50.9	76.8
29/03/2026	22:05:00	54.7	65.4	61.4	54.7	52.4	49.7	45.4	37.7	26.6	50.5	64.4
29/03/2026	22:10:00	57.9	63.3	61.5	60.0	57.3	51.8	46.2	37.5	25.3	50.7	69.2
29/03/2026	22:15:00	57.4	64.6	60.6	59.9	57.4	50.8	43.6	34.0	21.9	50.2	66.5
29/03/2026	22:20:00	53.4	63.5	62.1	55.5	50.5	47.5	43.3	36.2	28.6	50.8	65.3
29/03/2026	22:25:00	53.7	63.0	61.7	56.3	51.5	47.1	44.4	36.8	28.8	50.8	64.5
29/03/2026	22:30:00	53.4	60.9	59.2	54.4	51.3	47.3	45.0	39.5	30.8	50.2	71.7
29/03/2026	22:35:00	53.9	64.6	63.2	55.4	51.7	47.4	43.9	36.5	26.6	50.4	64.6
29/03/2026	22:40:00	53.4	60.2	53.8	50.2	51.8	49.0	45.2	37.7	29.4	46.6	66.8
29/03/2026	22:45:00	52.9	57.1	51.2	48.3	49.8	49.3	46.0	37.7	26.7	45.5	68.2
29/03/2026	22:50:00	48.6	62.2	54.0	49.1	45.5	44.0	38.8	32.9	31.5	45.9	59.9
29/03/2026	22:55:00	47.9	59.2	52.8	48.2	44.7	43.2	38.6	33.1	31.2	45.2	64.2
29/03/2026	23:00:00	51.1	63.6	55.1	50.9	49.1	46.3	41.2	35.4	33.4	45.5	74.1
29/03/2026	23:05:00	48.9	56.1	51.0	47.7	47.5	44.4	39.6	32.7	26.4	44.0	67.3
29/03/2026	23:10:00	49.1	61.7	53.8	48.7	45.0	45.4	40.0	33.4	30.4	44.3	65.1
29/03/2026	23:15:00	44.8	54.9	50.0	45.6	42.2	40.6	34.8	25.5	20.2	43.2	52.8
29/03/2026	23:20:00	47.1	56.8	49.5	46.6	45.1	42.7	36.9	31.3	31.6	42.6	66.4
29/03/2026	23:25:00	45.3	56.4	50.1	45.3	42.4	40.9	35.4	29.4	30.2	43.4	61.7
29/03/2026	23:30:00	44.7	53.0	49.7	44.6	42.2	40.9	34.5	23.3	17.3	43.1	53.9
29/03/2026	23:35:00	50.9	54.6	50.7	49.3	50.0	46.9	39.9	29.3	22.6	43.5	67.2
29/03/2026	23:40:00	46.2	54.4	49.1	44.7	42.9	42.1	38.2	30.4	24.4	42.8	60.5
29/03/2026	23:45:00	45.8	60.4	51.9	46.1	42.2	40.6	36.7	31.7	29.1	42.8	60.7
29/03/2026	23:50:00	46.1	59.0	51.1	46.1	42.6	42.4	35.9	25.9	19.5	42.5	60.1
29/03/2026	23:55:00	45.4	57.4	50.7	46.0	41.8	41.2	36.0	28.7	22.0	42.5	60.4
29/03/2026	00:00:00	44.4	55.3	49.6	44.5	41.6	40.1	35.0	26.8	23.0	42.2	54.6
29/03/2026	00:05:00	47.6	60.7	53.1	47.5	44.4	43.0	38.4	33.4	29.4	42.9	64.2
29/03/2026	00:10:00	46.5	61.8	52.9	46.9	43.5	41.6	36.7	30.0	24.7	43.1	61.3
29/03/2026	00:15:00	44.8	57.1	50.2	45.6	41.7	40.2	34.9	28.4	25.1	42.2	56.7
29/03/2026	00:20:00	46.9	55.4	49.3	44.9	42.2	41.4	40.7	36.7	30.9	42.4	69.7
29/03/2026	00:25:00	45.9	58.6	51.3	46.2	42.2	41.4	36.8	31.0	26.3	42.9	61.7
29/03/2026	00:30:00	46.3	60.3	52.8	46.9	42.4	41.3	37.0	31.4	30.5	43.3	58.9
29/03/2026	00:35:00	43.6	56.5	49.6	44.0	40.8	39.3	33.3	25.6	22.5	41.9	53.9
29/03/2026	00:40:00	45.8	61.6	53.2	46.5	43.2	40.1	35.0	28.3	24.0	42.4	62.9
29/03/2026	00:45:00	45.2	57.3	49.6	44.5	42.8	40.3	36.0	30.3	27.2	42.3	62.5
29/03/2026	00:50:00	43.5	55.6	48.7	43.8	41.0	39.0	33.6	26.2	24.6	41.3	55.6
29/03/2026	00:55:00	45.0	59.3	51.5	45.8	41.5	39.8	35.1	30.0	28.9	41.4	58.4
30/03/2026	01:00:00	43.8	56.3	49.3	43.9	40.5	39.2	34.6	29.1	27.6	41.0	59.9
30/03/2026	01:05:00	41.4	50.8	46.5	41.5	39.1	37.4	31.0	21.0	19.0	40.0	51.3
30/03/2026	01:10:00	41.9	50.6	46.4	41.3	39.8	37.9	32.2	24.6	21.2	39.7	56.3
30/03/2026	01:15:00	42.3	52.1	48.1	42.4	40.2	38.2	31.8	21.5	17.6	40.9	50.9
30/03/2026	01:20:00	46.8	56.1	49.7	43.5	40.9	41.5	42.3	28.5	26.0	41.7	60.7

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
30/03/2026	01:25:00	43.3	54.6	48.3	43.6	41.2	38.7	33.3	25.0	21.9	41.1	53.9
30/03/2026	01:30:00	44.4	57.2	49.8	44.6	41.2	40.0	35.1	26.7	23.1	41.5	60.0
30/03/2026	01:35:00	48.2	63.9	55.2	48.8	43.8	41.5	38.7	36.7	35.6	41.6	66.8
30/03/2026	01:40:00	43.9	56.3	49.8	44.6	40.2	39.0	35.2	27.7	26.0	40.3	58.0
30/03/2026	01:45:00	40.8	51.5	46.9	41.6	38.4	36.3	30.1	21.4	20.5	39.4	55.3
30/03/2026	01:50:00	41.3	49.4	46.5	41.3	39.2	37.3	30.9	20.8	17.5	39.7	48.5
30/03/2026	01:55:00	42.8	51.6	46.1	41.5	39.0	39.0	35.8	22.4	17.6	39.2	63.0
30/03/2026	02:00:00	43.0	57.4	49.3	44.0	39.8	37.7	32.9	27.6	27.3	39.7	59.1
30/03/2026	02:05:00	42.3	52.8	47.3	42.3	39.6	38.1	32.6	24.1	23.9	40.0	57.5
30/03/2026	02:10:00	43.4	57.1	49.6	44.0	40.2	38.1	33.6	29.3	29.8	40.1	60.8
30/03/2026	02:15:00	41.6	50.4	46.1	41.8	39.0	37.8	31.2	20.4	17.5	39.2	54.7
30/03/2026	02:20:00	50.7	62.1	54.0	48.1	44.4	45.0	45.3	39.4	36.2	39.9	76.8
30/03/2026	02:25:00	46.4	58.6	51.1	45.1	41.5	41.4	39.6	34.0	28.2	40.7	64.8
30/03/2026	02:30:00	44.6	53.1	47.4	42.7	40.6	41.3	36.3	26.3	23.3	40.2	63.5
30/03/2026	02:35:00	47.0	53.8	47.9	43.3	41.8	43.0	41.5	25.5	23.7	41.0	60.2
30/03/2026	02:40:00	41.9	54.1	48.2	42.7	39.4	37.1	31.4	24.6	23.9	40.3	52.7
30/03/2026	02:45:00	44.1	58.7	50.5	45.0	40.8	38.5	34.4	30.0	29.0	39.8	60.5
30/03/2026	02:50:00	45.7	59.0	51.6	45.7	42.5	40.4	36.8	32.2	27.7	40.7	64.2
30/03/2026	02:55:00	41.3	52.7	46.8	41.9	39.0	36.7	30.7	22.9	19.7	39.8	53.6
30/03/2026	03:00:00	54.7	60.7	55.9	50.7	53.3	50.6	46.6	32.4	18.7	39.9	71.8
30/03/2026	03:05:00	43.5	55.9	47.2	42.8	39.9	39.1	35.0	29.2	24.2	39.5	59.2
30/03/2026	03:10:00	42.5	51.2	46.1	42.6	40.2	38.0	33.1	26.3	24.7	39.8	59.7
30/03/2026	03:15:00	42.2	50.2	45.6	42.5	41.2	37.6	31.3	23.4	20.2	39.6	51.8
30/03/2026	03:20:00	45.2	54.4	48.0	44.1	41.7	40.2	38.2	31.9	22.8	39.7	63.8
30/03/2026	03:25:00	43.8	53.5	48.9	43.8	42.0	38.5	34.0	28.0	22.0	39.6	59.8
30/03/2026	03:30:00	42.2	50.5	46.8	42.1	39.7	38.3	32.2	23.6	18.6	39.2	56.3
30/03/2026	03:35:00	42.8	56.9	49.1	43.5	39.5	37.8	33.0	27.4	25.4	39.6	56.1
30/03/2026	03:40:00	42.8	53.8	47.3	43.0	40.3	38.2	33.1	26.9	24.7	39.8	55.3
30/03/2026	03:45:00	43.9	57.7	48.9	43.3	40.5	38.7	35.4	31.0	27.7	39.5	57.1
30/03/2026	03:50:00	42.1	54.0	47.5	43.0	39.9	37.4	31.6	24.3	21.9	39.4	51.6
30/03/2026	03:55:00	42.4	51.7	46.1	42.7	39.6	37.8	34.1	27.1	19.9	39.7	59.8
30/03/2026	04:00:00	42.0	54.9	48.2	43.2	39.8	36.8	31.2	25.2	24.2	39.3	53.3
30/03/2026	04:05:00	41.8	52.4	46.2	41.7	38.6	38.0	32.0	23.4	23.1	38.6	57.1
30/03/2026	04:10:00	41.6	49.6	45.5	40.9	38.8	36.7	33.9	28.5	22.6	38.8	64.3
30/03/2026	04:15:00	40.7	50.7	46.9	41.9	38.6	35.9	29.7	21.0	20.0	38.9	52.9
30/03/2026	04:20:00	40.4	49.7	44.7	40.9	38.8	35.9	29.9	19.7	16.6	39.0	48.2
30/03/2026	04:25:00	42.4	50.2	45.6	41.8	39.5	38.6	33.7	24.3	20.0	39.3	58.1
30/03/2026	04:30:00	40.8	49.1	44.4	40.7	38.4	36.0	32.7	22.2	17.0	38.9	49.9
30/03/2026	04:35:00	41.4	51.0	45.9	41.2	38.4	36.2	33.6	25.5	26.3	39.2	53.5
30/03/2026	04:40:00	40.6	49.6	44.8	40.6	38.1	35.6	32.9	22.4	17.0	38.9	49.4
30/03/2026	04:45:00	41.5	50.1	45.1	41.6	38.9	37.3	32.4	23.5	18.0	38.8	53.9

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
30/03/2026	04:50:00	42.9	51.1	46.5	42.3	39.5	38.6	35.1	27.3	20.3	39.8	63.8
30/03/2026	04:55:00	42.5	50.5	46.8	42.2	39.7	37.9	34.5	24.4	18.2	40.4	54.2
30/03/2026	05:00:00	42.8	51.1	45.8	42.2	39.8	37.6	35.9	27.2	19.0	40.8	53.2
30/03/2026	05:05:00	49.9	56.2	49.6	45.2	42.9	40.4	46.9	37.4	30.6	41.6	63.8
30/03/2026	05:10:00	46.8	58.4	50.6	45.7	42.9	41.3	40.1	32.9	31.5	42.1	63.2
30/03/2026	05:15:00	45.5	53.7	47.8	43.7	40.8	39.7	40.4	30.0	24.4	41.8	63.4
30/03/2026	05:20:00	45.1	50.8	46.4	42.3	40.8	38.6	40.6	30.4	20.1	41.0	55.9
30/03/2026	05:25:00	46.4	51.7	47.9	45.6	41.5	40.9	41.2	31.2	23.3	41.6	60.6
30/03/2026	05:30:00	56.6	59.0	53.6	50.6	49.6	49.1	53.1	45.4	35.6	41.6	73.3
30/03/2026	05:35:00	60.9	69.3	61.7	56.7	56.5	55.5	55.0	50.8	45.8	42.8	82.8
30/03/2026	05:40:00	51.8	55.5	51.7	50.2	46.6	44.1	47.5	39.5	32.1	46.2	62.8
30/03/2026	05:45:00	55.7	56.4	52.7	53.8	49.0	46.5	51.4	47.0	42.7	44.9	69.8
30/03/2026	05:50:00	60.1	58.9	57.3	58.6	54.3	51.5	53.5	53.3	51.2	46.8	73.1
30/03/2026	05:55:00	49.6	55.4	50.2	49.0	44.6	42.7	45.0	36.7	26.7	44.5	60.1
30/03/2026	06:00:00	52.7	55.8	52.3	52.8	47.1	43.8	48.3	41.6	33.6	44.6	61.6
30/03/2026	06:05:00	56.4	52.7	47.8	45.0	43.1	41.6	54.4	45.3	35.1	44.5	70.3
30/03/2026	06:10:00	66.4	62.4	63.2	55.7	59.5	61.6	61.8	55.2	46.2	46.9	75.2
30/03/2026	06:15:00	66.7	64.1	66.2	60.8	60.3	62.1	61.9	54.4	45.6	44.7	83.8
30/03/2026	06:20:00	47.0	53.7	49.2	45.8	43.8	43.0	39.0	32.5	24.6	44.5	59.3
30/03/2026	06:25:00	46.8	55.1	49.6	45.8	43.6	42.8	37.7	32.6	29.8	44.1	55.5
30/03/2026	06:30:00	47.0	55.3	49.9	46.0	43.7	43.2	38.8	31.5	27.6	45.0	58.6
30/03/2026	06:35:00	50.2	56.0	52.2	49.4	46.5	46.3	42.5	35.1	29.4	45.5	67.7
30/03/2026	06:40:00	48.1	56.0	51.8	47.1	44.9	44.1	39.4	33.3	29.9	45.2	62.5
30/03/2026	06:45:00	48.7	57.2	51.2	47.5	46.2	44.9	40.0	32.4	29.3	45.7	59.7
30/03/2026	06:50:00	49.2	55.1	51.0	47.3	45.8	45.4	41.3	34.7	25.7	45.5	66.7
30/03/2026	06:55:00	51.2	58.5	52.0	48.3	49.3	46.6	43.2	37.2	34.7	46.3	71.6
30/03/2026	07:00:00	49.9	57.3	50.9	47.5	46.0	46.5	41.9	34.7	26.2	46.3	63.7
30/03/2026	07:05:00	50.3	58.1	51.8	49.1	46.8	46.2	42.4	36.5	34.0	46.7	65.9
30/03/2026	07:10:00	51.3	56.6	51.5	48.1	46.3	47.5	43.2	41.5	32.0	46.8	66.3
30/03/2026	07:15:00	54.1	57.9	53.5	52.5	50.0	49.0	45.8	45.4	40.0	47.7	77.7
30/03/2026	07:20:00	50.4	55.5	50.9	48.2	46.2	47.1	41.7	38.3	27.4	46.9	61.8
30/03/2026	07:25:00	51.1	56.1	51.8	50.3	47.4	46.7	41.9	42.0	25.4	47.1	61.4
30/03/2026	07:30:00	51.6	55.6	51.5	49.8	47.7	48.4	43.4	37.0	25.5	47.7	66.8
30/03/2026	07:35:00	50.7	55.7	51.0	48.7	45.9	45.6	40.7	44.6	30.2	47.5	60.3
30/03/2026	07:40:00	50.2	58.1	52.0	48.7	46.1	45.0	41.5	42.5	33.4	47.5	68.5
30/03/2026	07:45:00	51.8	58.2	52.5	50.2	48.2	47.9	43.5	40.0	34.1	47.8	66.2
30/03/2026	07:50:00	49.7	56.1	51.5	49.1	46.3	45.7	41.5	36.2	26.0	46.7	62.6
30/03/2026	07:55:00	51.0	57.3	52.1	49.6	47.2	47.3	43.0	37.6	31.1	47.6	68.6
30/03/2026	08:00:00	50.7	56.3	51.5	49.4	46.5	47.1	41.7	38.6	26.9	46.9	72.0
30/03/2026	08:05:00	65.0	64.0	61.9	59.3	57.7	58.3	58.3	54.7	60.0	47.8	87.4
30/03/2026	08:10:00	50.7	57.1	52.5	49.8	46.6	46.1	42.1	41.6	29.5	47.3	59.8



Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
30/03/2026	08:15:00	53.0	57.3	53.5	53.9	48.1	48.0	43.7	45.3	34.9	47.3	65.0
30/03/2026	08:20:00	53.3	56.3	54.1	54.2	48.9	48.3	45.4	43.2	34.4	48.7	63.4
30/03/2026	08:25:00	50.7	54.6	50.5	48.7	46.4	46.9	41.6	40.5	35.3	47.3	66.7
30/03/2026	08:30:00	63.6	63.3	63.7	62.9	60.2	58.5	56.4	52.1	45.4	52.4	82.9
30/03/2026	08:35:00	64.9	64.7	66.0	65.9	62.4	59.8	56.6	51.5	44.2	51.7	83.3
30/03/2026	08:40:00	59.7	56.4	53.1	55.5	57.3	54.9	52.8	47.0	41.4	52.1	76.2
30/03/2026	08:45:00	59.4	57.7	54.2	53.0	51.3	54.7	53.9	50.2	45.0	52.2	77.8
30/03/2026	08:50:00	64.5	59.9	64.7	66.7	62.7	59.3	54.7	48.5	41.6	51.8	85.1
30/03/2026	08:55:00	55.3	59.3	55.6	53.1	51.4	50.5	48.6	43.2	41.8	50.5	76.7
30/03/2026	09:00:00	55.4	58.8	55.0	52.3	49.2	50.0	50.7	43.0	35.3	49.9	79.7
30/03/2026	09:05:00	51.0	55.8	51.4	48.2	46.4	46.8	43.1	41.8	32.2	48.4	62.1
30/03/2026	09:10:00	53.6	58.4	53.4	49.8	47.9	48.6	45.9	47.1	34.5	50.9	59.0