

Project: 22-24 Cross Street, Reading, RG1 1SN
Client: Bluebird Engineering

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Client:	Bluebird Engineering			
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Appendix A: Measurement Data

1 Introduction

It is proposed that the existing premises located at 22-24 Cross Street, Reading, RG1 1SN, be redeveloped to provide new residential apartments at first to third floor levels.

Paragon Acoustic Consultants Ltd has been commissioned to review the sound insulation requirements of the external building fabric of the building in the context of requirements set out by the local planning authority Reading Borough Council (RBC), i.e.:

“No development shall take place until a detailed scheme, informed by an assessment of the current noise environment, for protecting the dwellings from the external noise environment of the area has been submitted to and approved, in writing, by the Local Planning Authority. The scheme itself shall be designed, specified and constructed so that the sound insulation performance of the structure and the layout of the dwellings are such that the indoor ambient noise levels do not exceed the values detailed in Table 4 of BS 8233:2014. Where opening windows will lead to an internal noise level increase of 5 dBA or greater above BS 8233:2014 recommended internal levels, the scheme shall include provision of alternative mechanical ventilation with minimum performance equivalent to a mechanical heat recovery (MVHR) system with cool air bypass as an alternative means of cooling and ventilation. Noise from the system should not result in BS8233 internal levels being exceeded. Thereafter, the development shall not be carried out other than in accordance with the approved scheme which shall be completed before any part of the accommodation hereby approved is occupied, unless the Local Planning Authority otherwise agrees in writing (prior to commencement of development).”

2 Site Description

The site is located at 22-24 Cross Street, Reading, RG1 1SN, lying in an area that contains a mix of residential, commercial and retail premises. The building extends to four storeys in height and is currently given over to commercial usage, with a Taylors shop and a beauty shop occupying the ground floor, with remaining floors being given over to office accommodation. Directly opposite is the Marks and Spencer Department store.

Broad Street lies approximately 35m to the south, with Friar Street being of the order 80m to the west.

The site location is illustrated below.

Figure 1: Site location



3 Guidance on the Assessment of Noise

As noted at Section 1, RBC has provided pre-application guidance stating that indoor ambient noise levels within dwellings formed by the conversion works should comply with BS 8233:2014. The relevant sections of this document are reviewed below.

3.1 BS 8233:2014: Guidance on sound insulation and noise reduction for buildings

This British Standard came into effect on 28 February 2014 and supersedes BS 8233:1999, which is withdrawn.

The standard draws on the results of research and experience to provide information on the design of buildings that have internal acoustic environments appropriate to their functions. It deals with control of noise from outside the building, noise from plant and services within it, and room acoustics for non-critical situations. It is applicable to the design of new buildings, or refurbished buildings undergoing a change of use, but does not provide guidance on assessing the effects of changes in the external noise levels to occupants of an existing building.

3.1.1 Dwellings

Indoor ambient noise levels for dwellings are set out at Section 7.7.2, Table 4, reproduced below.

Table 1: Indoor ambient noise levels for dwellings (source: BS 8233:2014, Table 4)

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

A series of notes provide context to the guideline values of Table 4. Note 1 advises that the indoor ambient noise levels are *“the sum total of structure-borne and airborne noise sources. Groundborne noise is assessed separately and is not included as part of these targets, as human response to groundborne noise varies with many factors such as level, character, timing, occupant expectation and sensitivity.”*

Note 3 states *“These levels are based on annual average data and do not have to be achieved in all circumstances. For example, it is normal to exclude occasional events, such as fireworks night or New Year’s Eve.”*

Note 4 deals with individual events and advises that *“Regular individual noise events (for example, scheduled aircraft or passing trains) can cause sleep disturbance. A guideline value may be set in terms of SEL or $L_{Amax,F}$, depending on the character and number of events per night. Sporadic noise events could require separate values”*.

Note 5 states that if relying on closed windows to meet the guide values, there needs to be an appropriate alternative ventilation arrangement that does not compromise the façade insulation or the resulting noise level.

Note 7 provides a rider to the guideline values of Table 4, *“Where development is considered necessary or desirable, despite external noise levels above WHO guidelines, the internal target levels may be relaxed by up to 5 dB and reasonable internal conditions still achieved”*.

3.2 World Health Organisation

The recommended indoor ambient noise levels given at Table 4 of BS 8233:2014 do not included a specified value for noise events. Although not explicitly covered in the pre-application advice, it is considered prudent to make an allowance for night noise events as it is often that case this will dictate facade sound insulation requirements for bedrooms.

Guidance on event noise is given in the World Health Organisation (WHO) Guidelines for Community Noise, as below.

The WHO document provided a review of the effects of noise and a description of the principles of health criteria.

Table 1 of the document presents guideline values arranged according to specific environments and critical health effects. Noise indices to be adopted and the accompanying time base to be used for the assessment are also presented.

The guideline values consider all health effects for a specific environment. An adverse health effect refers to any temporary or long-term impairment of physical, psychological or social functioning associated with noise exposure. The specific noise limits were set for each health “using the lowest noise level that produces an adverse health effect”

Table 2: Guideline values for community noise (source: WHO Guidelines for Community Noise Table 1)

Specific environment	Critical health effect(s)	L_{Aeq} [dB]	Time base [hours]	L_{Amax} fast [dB]
Dwelling, indoors	Speech intelligibility & moderate annoyance daytime & evening	35	16	45
	Sleep disturbance, night time	30	8	

For noise events, the guideline value was set at 45 dB L_{Amax} , with research cited in the text advising that this value should not be exceeded by more than 10 to 15 times per night to ensure “good sleep”.

3.3 Design Criteria

Based on RBC requirements and having regard to WHO guidance, the following indoor ambient noise levels for dwellings are proposed

Table 3: Proposed target indoor ambient noise levels for dwellings

Location	Period	Target Indoor ambient noise level	
Living rooms/dining rooms/kitchens	07:00-23:00 hours	35 dB $L_{Aeq,16h}$	
Bedrooms	23:00-07:00	30 dB $L_{Aeq,8h}$	45 dB L_{AFmax} (10 th highest)

4 Environmental Noise Surveys

4.1 Method

Detailed surveys have been carried out at site to determine the extant noise climate at the site. Measurements were made at the locations described below.

- **MP1:** Cross Street elevation, first floor level, 1m from facade;
- **MP2:** Rear elevation, first floor level, 1m from façade.

The noise data at all positions are facade values due to the contribution from reflected sound from surfaces other than the ground plane.

Surveys were made over the following periods, using continuous, consecutive 5-minute measurement periods

- **MP1:** 04 April 2018 (10:20 hours) to 09 April 2018 (09:55 hours);
- **MP2:** 09 April 2018 (10:05 hours) to 12 April 2018 (12:00 hours).

The measurements were obtained using the following instrumentation complying with the Type 1 specification of IEC 60651 and IEC 60804 and the Class 1 specification of IEC 61260 and IEC 61672.

Table 4: Schedule of instrumentation

Manufacturer	Type	Serial Number	Calibration Due Date
SVANTEK	SVAN 971 Sound Level Meter	52613	2018-10-10
	SV18 Preamplifier	57308	
	ACO 7025E microphone	65483	
	SV33A Sound Level Calibrator	58015	2018-10-25
	SA 271 Outdoor microphone kit	n/a	n/a

Field calibration checks were made using a calibrator meeting Class 1 of IEC 60942 at the beginning and end of each the measurement session. No significant drift was encountered, calibration level 114.0 dB $\pm$ 0.2dB @ 1000 Hz $\pm$ 0.2%.

4.2 Results

Noise survey results are summarised in Table 5 and shown as a time series in Figures 2 to 5 below. Broadband results are given over to Appendix A. For brevity, spectral data is available upon request

Table 5:

Elevation	Measurement Position	Period		Façade Noise Level		
		Number	Start Date	$L_{Aeq,16h}$	$L_{Aeq,8h}$	L_{AFmax} (10th highest)
Cross Street	MP1	1	04/04/18	58.0	53.4	73.1
		2	05/04/18	59.9	56.0	76.5
		3	06/04/18	58.5	59.4	78.6
		4	07/04/18	57.6	62.0	80.8
		5	08/04/18	58.0	54.1	76.9
		6	09/04/18	63.1		
Rear	MP2	1	09/04/18	53.9	45.0	60.9
		2	10/04/18	51.4	44.8	60.4
		3	11/04/18	49.5	42.6	59.8
		4	12/04/18	50.2		

Partial period measurement results

Figure 2: MP1 - Daytime environmental noise time series

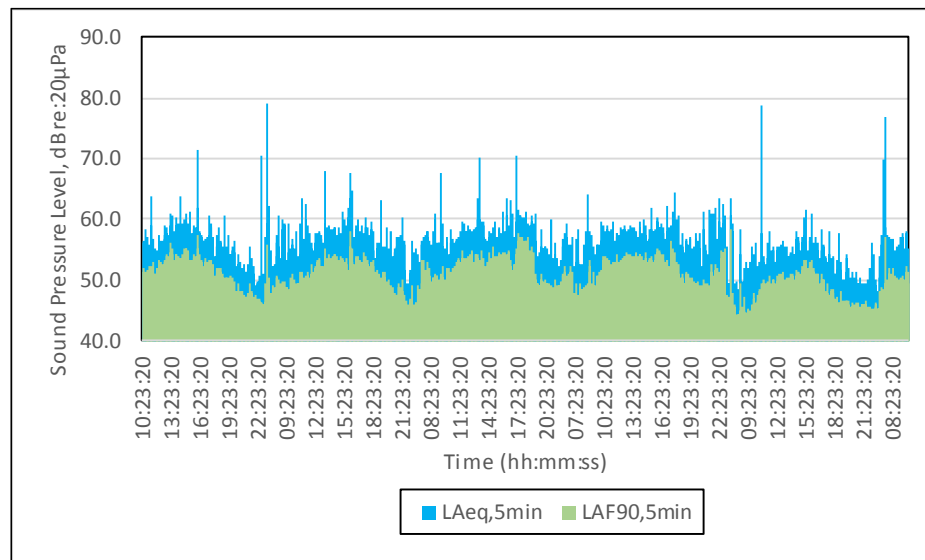


Figure 3: MP1 - Night environmental noise time series

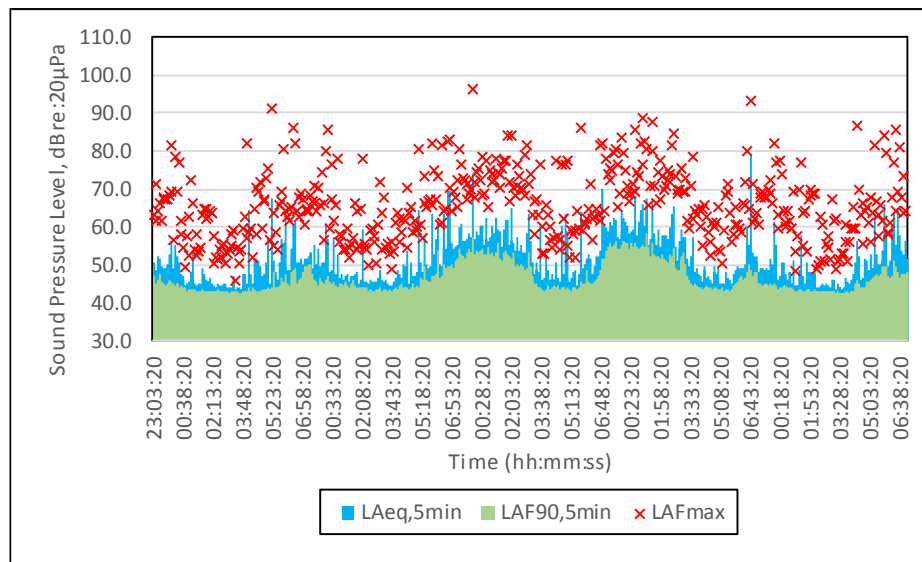


Figure 4: MP2 - Daytime environmental noise time series

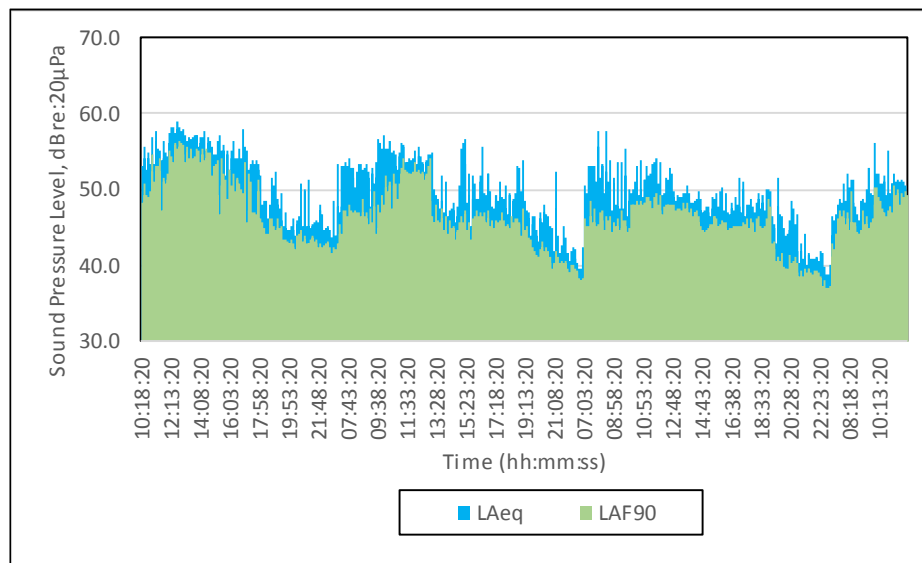
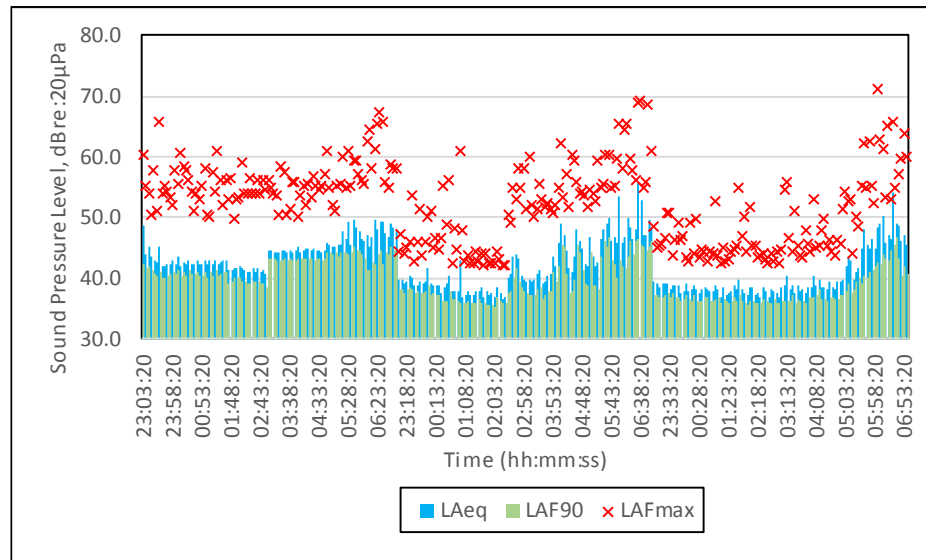


Figure 5: MP2 - Night environmental noise time series



5 External Building Fabric Assessment

The assessment detailed herein has been based on the information and assumptions detailed in the following sections, in conjunction with the noise data illustrated above. The determination of facade sound insulation requirements has been undertaken in accordance with equation G.1 of Section G.2.1 of BS 8233:2014, where:

$$L_{eq,2} = L_{eq,ff} + 10 \lg \left(\frac{A_0}{S} 10^{\frac{-D_{n,e}}{10}} + \frac{S_{wi}}{S} 10^{\frac{-R_{wi}}{10}} + \frac{S_{ew}}{S} 10^{\frac{-R_{ew}}{10}} + \frac{S_{rr}}{S} 10^{\frac{-R_{rr}}{10}} \right) + 10 \lg \left(\frac{S}{A} \right) + 3$$

- $L_{eq,ff}$ is the equivalent continuous sound pressure level outside the room element under consideration. It is the free-field sound level, measured or calculated, at the **intended** position of the element under consideration;
- A_0 is a reference absorption area of 10m² and is independent of frequency;
- S_f is the total facade area of the room in question in square metres (m²);
- S_{wi} is the area in square metres (m²) of the windows of the room;
- S_{ew} is the area in square metres (m²) of the external wall of the room;
- S_{rr} is the area in square metres (m²) of the ceiling of the room;
- S is the total area of elements through which sound enters the room in square metres (m²), i.e. $S_f + S_{rr}$;
- $D_{n,e}$ is the insulation of the ventilator measured according to BS EN 20140-10;
- R_{wi} is the sound reduction index of the window;
- R_{ew} is the sound reduction index of the external wall;
- R_{rr} is the sound reduction index of the roof;
- A is the equivalent absorption area of the receiving room.

The foregoing expression is also considered to be appropriate to the assessment of transient noise in the context of the metric L_{Fmax} .

5.1 Room Surface Finishes

It has been assumed that living rooms will be fitted out with hard floor coverings and other soft furnishings and bedrooms will be fitted out with soft floor coverings and other soft furnishings.

5.2 External Walls

The build-up of external walls is understood to comprise solid brickwork of (minimum) thickness 9" (circa 225mm) of nominal surface mass 360 kg/m². The sound insulation performance of this build-up has been determined using Insul v7.0.13 thus:

Table 6: Required sound insulation performance of brick faced external walls

Element	Sound reduction index (R) dB at 1/1 octave band centre frequency (Hz)							BS EN ISO 717-1 Rating R_w ($C; C_{tr}$) dB
	63	125	250	500	1k0	2k0	4k0	
Solid brick external wall	38	35	41	49	56	62	67	52 (-1;-6)

5.3 Glazing Specification

Assuming achievement of the sound insulation values identified above, fenestration shall be required to achieve the random incidence sound reduction indices given in Table 7. The performance specifications apply to the glazing units as a whole inclusive of glazing, sealing, framing, doors, spandrel panels, etc.

Table 7: Glazing sound insulation requirements

Facade	Space	Sound reduction index (R) dB at 1/1 octave band centre frequency (Hz)							ISO 717-1 Rating R_w ($C; C_{tr}$) dB
		63	125	250	500	1k0	2k0	4k0	
Cross St.	Kit/Liv/Din	16	24	25	29	41	39	43	34 (-1;-4)
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Rear	Kit/Liv/Din	14	23	16	25	37	41	36	30 (-1;-3)
	Bed	14	23	16	25	37	41	36	30 (-1;-3)

Based on published data obtained from proprietary manufacturers such as Pilkington and Saint-Gobain Solaglass, the forms of glazing set out below should be capable in principle of achieving the sound insulation performance values detailed in Table 7, subject to appropriate specification and detailing of frames, supports etc. It should however be noted that Table 7 forms the specification to be achieved and the glazing configurations detailed below are for **guidance** purposes.

Table 8: Indicative Glazing Selections

Facade	Space	Potential glazing configuration
Cross St.	Kit/Liv/Din	SGG 4(16)6 double glazed unit
	Bed	n/a
Rear	Kit/Liv/Din	SGG 4(16)4 double glazed unit
	Bed	SGG 4(16)4 double glazed unit

As the design criteria set out Section 3.3 are broadband single figure quantities, variation in the spectral sound reduction indices of Table 7 is technically possible, subject to prior approval from the acoustic consultant.

The relevant specialist trade contractors shall provide test data to demonstrate that the performance values of the glazed systems (including opening window lights, framing elements and infill panels as applicable) identified in Table 3 will be achieved.

Tests shall be carried out in accordance with BS EN ISO 10140 Parts 1, 2, 4 and 5:2010 (Acoustics-Laboratory measurement of sound insulation of building elements – Part 1: Application rules for specific products. Part 2: Measurement of airborne sound insulation. Part 4: Measurement procedures and requirements. Part 5: Requirements for test facilities and equipment) or an equivalent series of standards.

Single number quantities for sound insulation shall be derived in accordance with BS EN ISO 717-1: 1997 Acoustics – Rating of sound insulation in buildings and of building elements Part 1: Airborne sound insulation and should include relevant spectrum adaptation terms.

It should be noted that that identical sound insulation is obtained irrespective of which way round insulating units are installed. Thus, for example a 6/12/6.4pvb unit gives the same performance as a 6.4pvb/12/6 unit.

Over the usual cavity width range of 6 to 20mm for insulating units, there is little variation in acoustic performance although there is a more significant change in thermal insulation. This acoustic performance plateau is due to the relatively strong coupling of the component glasses.

It is understood that the glazing units to be installed throughout the residential areas are to be openable, and therefore the window lights must be suitably designed to ensure that the sound insulation potential of the glazing is not undermined.

6 Ventilation

6.1 Cross Street

Based on RBC pre-application guidance and the applicable measurement data reported above, ventilation to spaces overlooking Cross Street will need to be of an MVHR type system. It is proposed that the ventilation system will comprise an SAV Systems AirMaster AM 150¹ decentralized heat recovery arrangement.

Manufacturer's literature states that:

- “(1) The bypass damper opens automatically. This diverts a portion of the incoming air around the counter flow heat exchanger, decreasing the temperature of the inlet supply air. No manual intervention or unit stoppage is required to adjust the bypass damper position.*
- (2) If the bypass damper reaches 100% open without regaining set point temperature (because of external temperature being high), fan speed is then increased to 100% of design throughput. This happens regardless of demand control requirements, which may call for less than 100% flow. The increased air flow enhances the convective cooling effect felt by occupants.*
- (3) The cooling module is activated (if there is one). If the automatic bypass function has not been sufficient to bring inlet temperature down, effective inlet temperature reduction can be achieved by a cooling module. Cooling modules work on similar principles to those used in a domestic fridge and are designed to deal with fresh air thermal load. They are designed to match the shape of the AirMaster heat recovery ventilation units that they are paired with. They fit between the unit back surface and mounting wall, with side panels which conceal the join to the heat recovery ventilation unit.*

Sequential operation of bypass damper, then fan, then cooling module, ensures that the most energy efficiency is given priority. Put another way, the sequence is designed to hold off action by the cooling module as long as possible, as energy is required to power the compressor.

In addition, there is a further cooling mechanism termed night cooling.

- (4) Night cooling. This takes advantage of the low temperatures available at night time during periods of summer heat waves. AirMaster ventilation units are programmed to start automatically, during the night following any day when external temperature has reached 26°C. Night air cools down the thermal mass of the room, so that air coming into contact with the same surfaces early the following day would be itself cooled”*

6.2 Rear Elevation

As noted at Section 1, the pre-application guidance requires that:

“...Where opening windows will lead to an internal noise level increase of 5 dBA or greater above BS 8233:2014 recommended internal levels, the

¹ <https://www.sav-systems.com/product-groups/wall-mounted-air-handling-units/#downloadform>

scheme shall include provision of alternative mechanical ventilation with minimum performance equivalent to a mechanical heat recovery (MVHR) system...”

WHO guidance notes that a partially open window will provide an outdoor to indoor reduction of 15 dB(A). Based on the worst-case rear elevation measurement results set out in Section 4.2, the following internal noise levels are calculated and compared with the RBC pre-application requirement.

Table 9: Predicted indoor ambient noise levels with windows open
vs RBC pre-application ventilation guidance

Day ($L_{Aeq,16h}$)			Night ($L_{Aeq,8h}$)			Night (L_{AFmax} 10 th highest)		
Target	Predicted	Compliant	Target	Predicted	Compliant	Target	Predicted	Compliant
40 dB	39 dB	Yes	35 dB	30 dB	Yes	50 dB	46 dB	Yes

It can be seen from Table 9 that indoor ambient noise levels with windows partially open for ventilation should meet the applicable pre-application guidance and hence a passive ventilation strategy may be adopted for the rear façade of the scheme.

7 Conclusions

A detailed review of facade sound insulation requirements has been carried in respect of 22-24 Cross Street, Reading, RG1 1SN. It is concluded that subject to adoption of the recommendations set out herein, external noise ingress should be controlled to values as per the guidance set out in BS 8233:2014 and hence adequate residential amenity should in principle prevail. Sufficient information is also considered to be presented herein to satisfy the requirements of Reading Borough Council.

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1	04/04/2018 10:23:20	00:05:00.000	69.8	56.1	51.9
2	04/04/2018 10:28:20	00:05:00.000	71.7	56.5	51.2
3	04/04/2018 10:33:20	00:05:00.000	71.5	55.8	50.4
4	04/04/2018 10:38:20	00:05:00.000	74.6	58.5	51.5
5	04/04/2018 10:43:20	00:05:00.000	68.7	55.5	51.7
6	04/04/2018 10:48:20	00:05:00.000	68.4	54.2	50.9
7	04/04/2018 10:53:20	00:05:00.000	68.1	56.9	51.4
8	04/04/2018 10:58:20	00:05:00.000	71.9	55.8	52.3
9	04/04/2018 11:03:20	00:05:00.000	70.1	54.8	51.1
10	04/04/2018 11:08:20	00:05:00.000	76.9	58.9	51.3
11	04/04/2018 11:13:20	00:05:00.000	82.2	63.7	52.4
12	04/04/2018 11:18:20	00:05:00.000	72.2	55.1	51.9
13	04/04/2018 11:23:20	00:05:00.000	74.1	54.9	51.1
14	04/04/2018 11:28:20	00:05:00.000	69.3	56.7	53.0
15	04/04/2018 11:33:20	00:05:00.000	65.6	54.2	51.1
16	04/04/2018 11:38:20	00:05:00.000	68.4	54.6	51.1
17	04/04/2018 11:43:20	00:05:00.000	67.6	55.2	52.1
18	04/04/2018 11:48:20	00:05:00.000	68.1	55.0	51.3
19	04/04/2018 11:53:20	00:05:00.000	65.1	54.6	52.0
20	04/04/2018 11:58:20	00:05:00.000	69.6	55.3	51.6
21	04/04/2018 12:03:20	00:05:00.000	67.5	57.5	53.2
22	04/04/2018 12:08:20	00:05:00.000	69.6	56.6	52.9
23	04/04/2018 12:13:20	00:05:00.000	68.6	56.0	52.1
24	04/04/2018 12:18:20	00:05:00.000	68.5	55.4	52.5
25	04/04/2018 12:23:20	00:05:00.000	67.4	56.4	52.7
26	04/04/2018 12:28:20	00:05:00.000	73.9	55.5	52.4
27	04/04/2018 12:33:20	00:05:00.000	70.4	59.1	53.0
28	04/04/2018 12:38:20	00:05:00.000	66.4	56.8	53.2
29	04/04/2018 12:43:20	00:05:00.000	69.7	57.4	53.1
30	04/04/2018 12:48:20	00:05:00.000	69.1	58.7	54.2
31	04/04/2018 12:53:20	00:05:00.000	70.1	57.8	53.9
32	04/04/2018 12:58:20	00:05:00.000	65.6	55.8	52.4
33	04/04/2018 13:03:20	00:05:00.000	71.2	57.4	54.0
34	04/04/2018 13:08:20	00:05:00.000	70.9	59.2	54.7
35	04/04/2018 13:13:20	00:05:00.000	70.4	61.0	56.0
36	04/04/2018 13:18:20	00:05:00.000	74.4	58.3	53.0
37	04/04/2018 13:23:20	00:05:00.000	70.0	57.8	54.1
38	04/04/2018 13:28:20	00:05:00.000	79.5	60.5	55.1
39	04/04/2018 13:33:20	00:05:00.000	70.3	57.7	52.7
40	04/04/2018 13:38:20	00:05:00.000	69.1	58.0	53.3
41	04/04/2018 13:43:20	00:05:00.000	64.3	55.9	52.2
42	04/04/2018 13:48:20	00:05:00.000	68.7	58.9	54.3
43	04/04/2018 13:53:20	00:05:00.000	71.1	60.4	54.3

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
44	04/04/2018 13:58:20	00:05:00.000	75.8	59.3	53.3
45	04/04/2018 14:03:20	00:05:00.000	70.9	57.8	53.8
46	04/04/2018 14:08:20	00:05:00.000	66.5	56.9	53.5
47	04/04/2018 14:13:20	00:05:00.000	93.4	63.7	53.7
48	04/04/2018 14:18:20	00:05:00.000	75.2	58.2	53.1
49	04/04/2018 14:23:20	00:05:00.000	66.7	55.2	52.4
50	04/04/2018 14:28:20	00:05:00.000	74.4	59.4	54.2
51	04/04/2018 14:33:20	00:05:00.000	83.3	59.2	53.7
52	04/04/2018 14:38:20	00:05:00.000	65.4	56.1	52.8
53	04/04/2018 14:43:20	00:05:00.000	70.5	59.8	55.3
54	04/04/2018 14:48:20	00:05:00.000	74.8	59.8	55.2
55	04/04/2018 14:53:20	00:05:00.000	76.8	61.0	55.3
56	04/04/2018 14:58:20	00:05:00.000	75.0	59.2	55.0
57	04/04/2018 15:03:20	00:05:00.000	71.6	58.7	54.7
58	04/04/2018 15:08:20	00:05:00.000	75.2	57.7	53.3
59	04/04/2018 15:13:20	00:05:00.000	81.9	61.2	52.6
60	04/04/2018 15:18:20	00:05:00.000	70.2	56.9	53.1
61	04/04/2018 15:23:20	00:05:00.000	68.5	57.1	53.3
62	04/04/2018 15:28:20	00:05:00.000	72.9	57.7	53.2
63	04/04/2018 15:33:20	00:05:00.000	77.4	59.1	53.7
64	04/04/2018 15:38:20	00:05:00.000	73.1	58.2	54.2
65	04/04/2018 15:43:20	00:05:00.000	66.4	57.0	53.2
66	04/04/2018 15:48:20	00:05:00.000	76.3	55.5	52.3
67	04/04/2018 15:53:20	00:05:00.000	79.1	58.7	53.8
68	04/04/2018 15:58:20	00:05:00.000	76.6	61.8	55.1
69	04/04/2018 16:03:20	00:05:00.000	83.6	71.5	57.5
70	04/04/2018 16:08:20	00:05:00.000	65.5	57.1	54.1
71	04/04/2018 16:13:20	00:05:00.000	79.1	58.0	52.5
72	04/04/2018 16:18:20	00:05:00.000	71.8	57.6	52.8
73	04/04/2018 16:23:20	00:05:00.000	69.5	57.0	53.3
74	04/04/2018 16:28:20	00:05:00.000	71.7	57.5	53.0
75	04/04/2018 16:33:20	00:05:00.000	70.5	56.5	52.3
76	04/04/2018 16:38:20	00:05:00.000	67.2	55.2	51.3
77	04/04/2018 16:43:20	00:05:00.000	72.0	56.6	52.1
78	04/04/2018 16:48:20	00:05:00.000	75.1	56.9	53.5
79	04/04/2018 16:53:20	00:05:00.000	70.0	56.2	53.1
80	04/04/2018 16:58:20	00:05:00.000	71.3	54.5	51.0
81	04/04/2018 17:03:20	00:05:00.000	70.3	57.2	53.1
82	04/04/2018 17:08:20	00:05:00.000	65.9	54.8	52.0
83	04/04/2018 17:13:20	00:05:00.000	74.0	60.7	52.5
84	04/04/2018 17:18:20	00:05:00.000	67.9	57.3	53.2
85	04/04/2018 17:23:20	00:05:00.000	68.0	56.1	52.7
86	04/04/2018 17:28:20	00:05:00.000	70.4	58.6	53.3

Project: 22-24 Cross Street, Reading, RG1 1SN
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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
87	04/04/2018 17:33:20	00:05:00.000	72.3	59.2	52.7
88	04/04/2018 17:38:20	00:05:00.000	74.9	57.2	51.2
89	04/04/2018 17:43:20	00:05:00.000	72.5	55.1	51.3
90	04/04/2018 17:48:20	00:05:00.000	66.4	53.5	50.6
91	04/04/2018 17:53:20	00:05:00.000	67.4	53.9	50.4
92	04/04/2018 17:58:20	00:05:00.000	69.4	55.6	51.8
93	04/04/2018 18:03:20	00:05:00.000	70.6	57.4	52.0
94	04/04/2018 18:08:20	00:05:00.000	68.4	55.4	51.0
95	04/04/2018 18:13:20	00:05:00.000	66.4	54.3	50.1
96	04/04/2018 18:18:20	00:05:00.000	68.6	58.7	52.1
97	04/04/2018 18:23:20	00:05:00.000	69.7	55.1	51.2
98	04/04/2018 18:28:20	00:05:00.000	71.5	56.0	52.0
99	04/04/2018 18:33:20	00:05:00.000	76.2	56.3	50.5
100	04/04/2018 18:38:20	00:05:00.000	64.7	52.7	49.8
101	04/04/2018 18:43:20	00:05:00.000	70.1	55.4	51.0
102	04/04/2018 18:48:20	00:05:00.000	67.0	54.6	50.3
103	04/04/2018 18:53:20	00:05:00.000	77.3	60.5	49.5
104	04/04/2018 18:58:20	00:05:00.000	67.7	55.3	50.3
105	04/04/2018 19:03:20	00:05:00.000	70.4	54.7	50.4
106	04/04/2018 19:08:20	00:05:00.000	71.9	55.4	50.1
107	04/04/2018 19:13:20	00:05:00.000	72.5	57.3	49.6
108	04/04/2018 19:18:20	00:05:00.000	66.9	54.4	50.5
109	04/04/2018 19:23:20	00:05:00.000	66.9	54.3	50.6
110	04/04/2018 19:28:20	00:05:00.000	68.1	54.4	49.6
111	04/04/2018 19:33:20	00:05:00.000	66.1	53.5	49.1
112	04/04/2018 19:38:20	00:05:00.000	68.4	54.9	48.9
113	04/04/2018 19:43:20	00:05:00.000	70.6	55.5	50.3
114	04/04/2018 19:48:20	00:05:00.000	74.1	56.5	49.9
115	04/04/2018 19:53:20	00:05:00.000	78.6	54.7	48.2
116	04/04/2018 19:58:20	00:05:00.000	61.9	51.6	48.2
117	04/04/2018 20:03:20	00:05:00.000	64.9	50.7	47.9
118	04/04/2018 20:08:20	00:05:00.000	62.5	52.2	48.2
119	04/04/2018 20:13:20	00:05:00.000	66.0	52.7	47.6
120	04/04/2018 20:18:20	00:05:00.000	66.0	54.1	49.3
121	04/04/2018 20:23:20	00:05:00.000	66.3	51.7	48.1
122	04/04/2018 20:28:20	00:05:00.000	65.3	52.0	47.3
123	04/04/2018 20:33:20	00:05:00.000	69.9	52.9	48.1
124	04/04/2018 20:38:20	00:05:00.000	65.4	51.9	48.1
125	04/04/2018 20:43:20	00:05:00.000	60.7	50.0	46.7
126	04/04/2018 20:48:20	00:05:00.000	67.5	51.3	47.0
127	04/04/2018 20:53:20	00:05:00.000	68.8	52.7	47.4
128	04/04/2018 20:58:20	00:05:00.000	63.9	49.9	47.1
129	04/04/2018 21:03:20	00:05:00.000	72.1	51.4	46.8

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
130	04/04/2018 21:08:20	00:05:00.000	65.1	51.4	47.3
131	04/04/2018 21:13:20	00:05:00.000	58.2	50.2	48.0
132	04/04/2018 21:18:20	00:05:00.000	69.4	52.5	47.5
133	04/04/2018 21:23:20	00:05:00.000	65.4	51.8	47.9
134	04/04/2018 21:28:20	00:05:00.000	69.2	52.3	49.4
135	04/04/2018 21:33:20	00:05:00.000	75.3	55.5	47.9
136	04/04/2018 21:38:20	00:05:00.000	69.4	53.6	48.2
137	04/04/2018 21:43:20	00:05:00.000	69.9	52.2	47.9
138	04/04/2018 21:48:20	00:05:00.000	65.3	51.2	47.2
139	04/04/2018 21:53:20	00:05:00.000	65.6	50.4	46.5
140	04/04/2018 21:58:20	00:05:00.000	65.1	52.4	47.4
141	04/04/2018 22:03:20	00:05:00.000	61.4	49.0	46.4
142	04/04/2018 22:08:20	00:05:00.000	57.9	47.9	45.7
143	04/04/2018 22:13:20	00:05:00.000	64.6	49.7	46.8
144	04/04/2018 22:18:20	00:05:00.000	58.7	49.5	46.5
145	04/04/2018 22:23:20	00:05:00.000	65.3	49.6	46.8
146	04/04/2018 22:28:20	00:05:00.000	60.3	49.5	46.7
147	04/04/2018 22:33:20	00:05:00.000	64.4	50.7	46.3
148	04/04/2018 22:38:20	00:05:00.000	61.1	50.0	46.2
149	04/04/2018 22:43:20	00:05:00.000	93.1	70.6	46.4
150	04/04/2018 22:48:20	00:05:00.000	63.1	49.5	46.1
151	04/04/2018 22:53:20	00:05:00.000	61.9	48.1	46.1
152	04/04/2018 22:58:20	00:05:00.000	72.7	51.0	45.4
153	04/04/2018 23:03:20	00:05:00.000	63.5	50.6	47.1
154	04/04/2018 23:08:20	00:05:00.000	71.6	48.8	45.1
155	04/04/2018 23:13:20	00:05:00.000	61.6	50.1	46.0
156	04/04/2018 23:18:20	00:05:00.000	64.0	52.5	47.9
157	04/04/2018 23:23:20	00:05:00.000	66.5	51.5	46.8
158	04/04/2018 23:28:20	00:05:00.000	61.7	49.5	45.5
159	04/04/2018 23:33:20	00:05:00.000	67.3	49.4	45.0
160	04/04/2018 23:38:20	00:05:00.000	67.7	49.4	44.5
161	04/04/2018 23:43:20	00:05:00.000	67.5	49.9	45.1
162	04/04/2018 23:48:20	00:05:00.000	67.1	50.1	45.4
163	04/04/2018 23:53:20	00:05:00.000	68.4	53.0	46.0
164	04/04/2018 23:58:20	00:05:00.000	81.6	56.1	45.7
165	05/04/2018 00:03:20	00:05:00.000	69.1	48.9	45.2
166	05/04/2018 00:08:20	00:05:00.000	56.7	47.6	44.4
167	05/04/2018 00:13:20	00:05:00.000	78.6	55.4	45.1
168	05/04/2018 00:18:20	00:05:00.000	69.2	52.3	45.1
169	05/04/2018 00:23:20	00:05:00.000	77.0	50.8	44.1
170	05/04/2018 00:28:20	00:05:00.000	58.1	47.6	44.6
171	05/04/2018 00:33:20	00:05:00.000	61.9	47.3	44.2
172	05/04/2018 00:38:20	00:05:00.000	54.5	46.4	44.2

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
173	05/04/2018 00:43:20	00:05:00.000	49.4	44.5	43.1
174	05/04/2018 00:48:20	00:05:00.000	57.8	45.0	43.3
175	05/04/2018 00:53:20	00:05:00.000	52.5	45.5	43.5
176	05/04/2018 00:58:20	00:05:00.000	62.8	48.3	43.4
177	05/04/2018 01:03:20	00:05:00.000	72.5	54.0	43.5
178	05/04/2018 01:08:20	00:05:00.000	66.3	48.8	43.5
179	05/04/2018 01:13:20	00:05:00.000	54.0	45.1	43.2
180	05/04/2018 01:18:20	00:05:00.000	52.5	44.5	43.0
181	05/04/2018 01:23:20	00:05:00.000	58.1	45.1	43.2
182	05/04/2018 01:28:20	00:05:00.000	53.4	44.0	43.0
183	05/04/2018 01:33:20	00:05:00.000	54.4	45.0	43.0
184	05/04/2018 01:38:20	00:05:00.000	63.2	49.4	43.5
185	05/04/2018 01:43:20	00:05:00.000	64.6	47.6	43.3
186	05/04/2018 01:48:20	00:05:00.000	64.7	45.9	43.2
187	05/04/2018 01:53:20	00:05:00.000	62.2	45.6	43.2
188	05/04/2018 01:58:20	00:05:00.000	62.7	45.8	43.1
189	05/04/2018 02:03:20	00:05:00.000	64.2	46.5	43.2
190	05/04/2018 02:08:20	00:05:00.000	63.8	44.9	43.1
191	05/04/2018 02:13:20	00:05:00.000	57.4	44.6	43.1
192	05/04/2018 02:18:20	00:05:00.000	50.7	44.0	43.0
193	05/04/2018 02:23:20	00:05:00.000	52.2	45.0	43.4
194	05/04/2018 02:28:20	00:05:00.000	51.5	44.6	43.1
195	05/04/2018 02:33:20	00:05:00.000	54.2	44.7	43.0
196	05/04/2018 02:38:20	00:05:00.000	52.0	44.8	43.2
197	05/04/2018 02:43:20	00:05:00.000	55.2	45.3	43.1
198	05/04/2018 02:48:20	00:05:00.000	55.5	45.0	43.0
199	05/04/2018 02:53:20	00:05:00.000	50.5	43.8	42.8
200	05/04/2018 02:58:20	00:05:00.000	53.3	44.2	43.0
201	05/04/2018 03:03:20	00:05:00.000	53.8	43.9	42.5
202	05/04/2018 03:08:20	00:05:00.000	55.2	44.2	43.0
203	05/04/2018 03:13:20	00:05:00.000	58.0	47.1	43.3
204	05/04/2018 03:18:20	00:05:00.000	59.1	45.7	43.1
205	05/04/2018 03:23:20	00:05:00.000	45.8	43.5	42.6
206	05/04/2018 03:28:20	00:05:00.000	54.5	44.2	43.0
207	05/04/2018 03:33:20	00:05:00.000	53.7	44.2	42.6
208	05/04/2018 03:38:20	00:05:00.000	50.5	43.6	42.5
209	05/04/2018 03:43:20	00:05:00.000	54.0	44.5	43.1
210	05/04/2018 03:48:20	00:05:00.000	59.8	47.4	43.0
211	05/04/2018 03:53:20	00:05:00.000	62.6	47.8	43.1
212	05/04/2018 03:58:20	00:05:00.000	56.9	45.0	43.2
213	05/04/2018 04:03:20	00:05:00.000	81.9	64.6	44.0
214	05/04/2018 04:08:20	00:05:00.000	58.9	44.8	43.1
215	05/04/2018 04:13:20	00:05:00.000	59.9	47.7	44.0

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
216	05/04/2018 04:18:20	00:05:00.000	52.2	45.0	43.3
217	05/04/2018 04:23:20	00:05:00.000	64.7	51.7	43.5
218	05/04/2018 04:28:20	00:05:00.000	70.3	51.7	43.2
219	05/04/2018 04:33:20	00:05:00.000	57.9	45.3	43.2
220	05/04/2018 04:38:20	00:05:00.000	69.1	51.4	43.2
221	05/04/2018 04:43:20	00:05:00.000	72.0	49.5	43.3
222	05/04/2018 04:48:20	00:05:00.000	59.4	47.4	43.5
223	05/04/2018 04:53:20	00:05:00.000	67.1	47.5	43.5
224	05/04/2018 04:58:20	00:05:00.000	66.9	50.8	43.4
225	05/04/2018 05:03:20	00:05:00.000	73.1	52.4	43.9
226	05/04/2018 05:08:20	00:05:00.000	75.7	57.4	43.7
227	05/04/2018 05:13:20	00:05:00.000	56.4	45.3	43.6
228	05/04/2018 05:18:20	00:05:00.000	91.3	67.3	44.1
229	05/04/2018 05:23:20	00:05:00.000	63.8	51.2	48.0
230	05/04/2018 05:28:20	00:05:00.000	55.2	48.4	44.1
231	05/04/2018 05:33:20	00:05:00.000	58.9	47.3	44.3
232	05/04/2018 05:38:20	00:05:00.000	53.8	46.2	44.1
233	05/04/2018 05:43:20	00:05:00.000	65.9	50.8	44.6
234	05/04/2018 05:48:20	00:05:00.000	69.3	56.7	46.8
235	05/04/2018 05:53:20	00:05:00.000	66.8	56.0	45.4
236	05/04/2018 05:58:20	00:05:00.000	80.4	62.6	47.7
237	05/04/2018 06:03:20	00:05:00.000	64.3	49.3	45.2
238	05/04/2018 06:08:20	00:05:00.000	62.7	48.8	44.7
239	05/04/2018 06:13:20	00:05:00.000	61.7	48.7	44.4
240	05/04/2018 06:18:20	00:05:00.000	64.6	54.3	48.0
241	05/04/2018 06:23:20	00:05:00.000	65.1	54.2	48.5
242	05/04/2018 06:28:20	00:05:00.000	86.1	60.5	49.1
243	05/04/2018 06:33:20	00:05:00.000	81.9	61.5	46.5
244	05/04/2018 06:38:20	00:05:00.000	64.3	50.8	45.1
245	05/04/2018 06:43:20	00:05:00.000	62.9	50.6	46.2
246	05/04/2018 06:48:20	00:05:00.000	67.7	51.7	46.4
247	05/04/2018 06:53:20	00:05:00.000	68.6	51.4	47.2
248	05/04/2018 06:58:20	00:05:00.000	67.0	50.5	48.0
249	05/04/2018 07:03:20	00:05:00.000	64.1	49.8	46.3
250	05/04/2018 07:08:20	00:05:00.000	69.7	57.1	49.4
251	05/04/2018 07:13:20	00:05:00.000	76.8	59.3	47.3
252	05/04/2018 07:18:20	00:05:00.000	89.4	79.1	55.9
253	05/04/2018 07:23:20	00:05:00.000	71.5	62.2	50.4
254	05/04/2018 07:28:20	00:05:00.000	76.3	52.9	48.2
255	05/04/2018 07:33:20	00:05:00.000	67.6	53.9	48.3
256	05/04/2018 07:38:20	00:05:00.000	72.7	54.9	47.7
257	05/04/2018 07:43:20	00:05:00.000	58.5	50.5	47.2
258	05/04/2018 07:48:20	00:05:00.000	68.4	52.4	48.4

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
259	05/04/2018 07:53:20	00:05:00.000	62.7	52.3	49.1
260	05/04/2018 07:58:20	00:05:00.000	64.9	52.1	48.2
261	05/04/2018 08:03:20	00:05:00.000	60.3	51.3	48.6
262	05/04/2018 08:08:20	00:05:00.000	64.8	52.7	48.7
263	05/04/2018 08:13:20	00:05:00.000	69.7	56.1	50.6
264	05/04/2018 08:18:20	00:05:00.000	66.8	53.9	50.3
265	05/04/2018 08:23:20	00:05:00.000	72.6	57.4	50.1
266	05/04/2018 08:28:20	00:05:00.000	80.7	55.6	49.1
267	05/04/2018 08:33:20	00:05:00.000	75.0	60.6	49.0
268	05/04/2018 08:38:20	00:05:00.000	70.0	53.6	49.0
269	05/04/2018 08:43:20	00:05:00.000	66.2	52.1	49.6
270	05/04/2018 08:48:20	00:05:00.000	74.3	58.4	49.9
271	05/04/2018 08:53:20	00:05:00.000	76.4	59.8	49.0
272	05/04/2018 08:58:20	00:05:00.000	65.9	54.5	48.6
273	05/04/2018 09:03:20	00:05:00.000	79.0	59.4	49.8
274	05/04/2018 09:08:20	00:05:00.000	72.5	59.0	48.3
275	05/04/2018 09:13:20	00:05:00.000	68.4	53.2	48.9
276	05/04/2018 09:18:20	00:05:00.000	63.3	53.3	48.8
277	05/04/2018 09:23:20	00:05:00.000	65.9	51.2	47.6
278	05/04/2018 09:28:20	00:05:00.000	81.9	59.5	48.2
279	05/04/2018 09:33:20	00:05:00.000	74.6	54.4	48.6
280	05/04/2018 09:38:20	00:05:00.000	73.0	55.1	48.4
281	05/04/2018 09:43:20	00:05:00.000	62.5	52.4	50.4
282	05/04/2018 09:48:20	00:05:00.000	68.7	55.8	51.0
283	05/04/2018 09:53:20	00:05:00.000	76.1	56.9	49.5
284	05/04/2018 09:58:20	00:05:00.000	70.4	55.3	49.8
285	05/04/2018 10:03:20	00:05:00.000	74.9	55.2	50.1
286	05/04/2018 10:08:20	00:05:00.000	71.6	53.2	49.1
287	05/04/2018 10:13:20	00:05:00.000	64.0	52.5	48.2
288	05/04/2018 10:18:20	00:05:00.000	72.5	57.9	49.5
289	05/04/2018 10:23:20	00:05:00.000	64.4	53.3	49.1
290	05/04/2018 10:28:20	00:05:00.000	67.4	52.7	49.4
291	05/04/2018 10:33:20	00:05:00.000	69.4	53.9	49.5
292	05/04/2018 10:38:20	00:05:00.000	81.9	59.4	51.5
293	05/04/2018 10:43:20	00:05:00.000	76.4	54.1	49.3
294	05/04/2018 10:48:20	00:05:00.000	65.4	55.2	50.6
295	05/04/2018 10:53:20	00:05:00.000	65.7	53.3	50.1
296	05/04/2018 10:58:20	00:05:00.000	77.2	63.4	51.2
297	05/04/2018 11:03:20	00:05:00.000	71.2	54.6	50.2
298	05/04/2018 11:08:20	00:05:00.000	70.7	56.7	50.3
299	05/04/2018 11:13:20	00:05:00.000	69.0	55.0	50.1
300	05/04/2018 11:18:20	00:05:00.000	88.5	62.4	50.7
301	05/04/2018 11:23:20	00:05:00.000	83.7	60.0	50.7

Project: 22-24 Cross Street, Reading, RG1 1SN
Client: Bluebird Engineering

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
302	05/04/2018 11:28:20	00:05:00.000	76.8	58.9	51.5
303	05/04/2018 11:33:20	00:05:00.000	65.7	54.3	50.1
304	05/04/2018 11:38:20	00:05:00.000	64.5	54.2	50.5
305	05/04/2018 11:43:20	00:05:00.000	64.9	54.4	49.9
306	05/04/2018 11:48:20	00:05:00.000	76.7	57.6	52.7
307	05/04/2018 11:53:20	00:05:00.000	66.5	56.0	51.0
308	05/04/2018 11:58:20	00:05:00.000	65.5	55.1	51.1
309	05/04/2018 12:03:20	00:05:00.000	65.3	54.7	51.4
310	05/04/2018 12:08:20	00:05:00.000	66.1	55.0	51.1
311	05/04/2018 12:13:20	00:05:00.000	70.2	55.7	52.0
312	05/04/2018 12:18:20	00:05:00.000	69.5	56.3	52.2
313	05/04/2018 12:23:20	00:05:00.000	68.4	57.6	53.2
314	05/04/2018 12:28:20	00:05:00.000	72.0	57.8	53.1
315	05/04/2018 12:33:20	00:05:00.000	70.0	56.9	52.0
316	05/04/2018 12:38:20	00:05:00.000	66.4	57.0	53.6
317	05/04/2018 12:43:20	00:05:00.000	71.7	57.9	53.4
318	05/04/2018 12:48:20	00:05:00.000	71.1	57.9	52.4
319	05/04/2018 12:53:20	00:05:00.000	68.4	57.3	52.3
320	05/04/2018 12:58:20	00:05:00.000	67.7	56.7	52.1
321	05/04/2018 13:03:20	00:05:00.000	68.5	56.0	52.1
322	05/04/2018 13:08:20	00:05:00.000	64.7	56.2	52.3
323	05/04/2018 13:13:20	00:05:00.000	69.0	59.3	53.9
324	05/04/2018 13:18:20	00:05:00.000	79.7	68.0	55.1
325	05/04/2018 13:23:20	00:05:00.000	69.0	57.1	52.9
326	05/04/2018 13:28:20	00:05:00.000	72.0	58.5	53.7
327	05/04/2018 13:33:20	00:05:00.000	71.8	56.5	53.1
328	05/04/2018 13:38:20	00:05:00.000	79.4	59.0	54.1
329	05/04/2018 13:43:20	00:05:00.000	70.2	56.5	52.2
330	05/04/2018 13:48:20	00:05:00.000	74.4	58.7	53.6
331	05/04/2018 13:53:20	00:05:00.000	69.1	58.3	53.1
332	05/04/2018 13:58:20	00:05:00.000	71.5	57.7	53.0
333	05/04/2018 14:03:20	00:05:00.000	65.0	55.4	52.2
334	05/04/2018 14:08:20	00:05:00.000	74.2	58.3	53.9
335	05/04/2018 14:13:20	00:05:00.000	74.9	58.8	54.1
336	05/04/2018 14:18:20	00:05:00.000	73.5	58.6	54.2
337	05/04/2018 14:23:20	00:05:00.000	68.4	56.3	52.8
338	05/04/2018 14:28:20	00:05:00.000	66.8	57.4	53.8
339	05/04/2018 14:33:20	00:05:00.000	71.6	57.0	52.4
340	05/04/2018 14:38:20	00:05:00.000	69.0	57.3	53.4
341	05/04/2018 14:43:20	00:05:00.000	69.5	57.4	53.1
342	05/04/2018 14:48:20	00:05:00.000	70.0	58.6	53.9
343	05/04/2018 14:53:20	00:05:00.000	63.0	55.5	53.0
344	05/04/2018 14:58:20	00:05:00.000	75.8	57.6	53.1

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
345	05/04/2018 15:03:20	00:05:00.000	65.0	56.6	53.2
346	05/04/2018 15:08:20	00:05:00.000	81.3	61.2	53.5
347	05/04/2018 15:13:20	00:05:00.000	72.3	60.0	53.0
348	05/04/2018 15:18:20	00:05:00.000	70.6	57.5	53.0
349	05/04/2018 15:23:20	00:05:00.000	65.9	55.7	52.1
350	05/04/2018 15:28:20	00:05:00.000	74.7	59.1	53.5
351	05/04/2018 15:33:20	00:05:00.000	76.7	58.7	52.5
352	05/04/2018 15:38:20	00:05:00.000	66.0	53.9	50.3
353	05/04/2018 15:43:20	00:05:00.000	75.5	60.2	51.7
354	05/04/2018 15:48:20	00:05:00.000	74.6	62.0	54.2
355	05/04/2018 15:53:20	00:05:00.000	81.9	63.5	55.4
356	05/04/2018 15:58:20	00:05:00.000	74.9	67.6	58.2
357	05/04/2018 16:03:20	00:05:00.000	75.6	64.7	55.2
358	05/04/2018 16:08:20	00:05:00.000	72.4	56.4	53.1
359	05/04/2018 16:13:20	00:05:00.000	64.9	56.4	52.5
360	05/04/2018 16:18:20	00:05:00.000	72.6	56.3	51.4
361	05/04/2018 16:23:20	00:05:00.000	76.8	57.2	52.0
362	05/04/2018 16:28:20	00:05:00.000	75.9	59.1	53.7
363	05/04/2018 16:33:20	00:05:00.000	73.0	58.4	54.0
364	05/04/2018 16:38:20	00:05:00.000	77.4	59.0	53.9
365	05/04/2018 16:43:20	00:05:00.000	70.5	58.0	53.2
366	05/04/2018 16:48:20	00:05:00.000	73.9	59.9	53.2
367	05/04/2018 16:53:20	00:05:00.000	76.9	58.1	53.2
368	05/04/2018 16:58:20	00:05:00.000	67.6	57.3	53.0
369	05/04/2018 17:03:20	00:05:00.000	72.8	57.7	53.1
370	05/04/2018 17:08:20	00:05:00.000	70.0	56.4	52.4
371	05/04/2018 17:13:20	00:05:00.000	73.2	59.1	54.4
372	05/04/2018 17:18:20	00:05:00.000	75.2	57.8	52.4
373	05/04/2018 17:23:20	00:05:00.000	78.0	56.7	52.0
374	05/04/2018 17:28:20	00:05:00.000	77.1	60.4	54.0
375	05/04/2018 17:33:20	00:05:00.000	71.4	58.8	53.0
376	05/04/2018 17:38:20	00:05:00.000	74.9	58.7	53.4
377	05/04/2018 17:43:20	00:05:00.000	70.9	56.8	52.6
378	05/04/2018 17:48:20	00:05:00.000	65.6	56.4	52.4
379	05/04/2018 17:53:20	00:05:00.000	66.4	55.8	52.4
380	05/04/2018 17:58:20	00:05:00.000	68.2	57.3	52.0
381	05/04/2018 18:03:20	00:05:00.000	75.8	59.7	52.8
382	05/04/2018 18:08:20	00:05:00.000	71.1	58.4	53.1
383	05/04/2018 18:13:20	00:05:00.000	73.9	56.8	52.3
384	05/04/2018 18:18:20	00:05:00.000	72.2	58.0	53.2
385	05/04/2018 18:23:20	00:05:00.000	68.5	54.8	51.0
386	05/04/2018 18:28:20	00:05:00.000	66.0	53.6	50.7
387	05/04/2018 18:33:20	00:05:00.000	65.5	53.7	51.2

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
388	05/04/2018 18:38:20	00:05:00.000	76.0	56.2	51.6
389	05/04/2018 18:43:20	00:05:00.000	67.3	54.5	50.7
390	05/04/2018 18:48:20	00:05:00.000	70.0	55.0	51.0
391	05/04/2018 18:53:20	00:05:00.000	66.9	54.5	50.0
392	05/04/2018 18:58:20	00:05:00.000	70.9	56.1	51.0
393	05/04/2018 19:03:20	00:05:00.000	66.5	53.6	50.1
394	05/04/2018 19:08:20	00:05:00.000	65.7	54.1	50.5
395	05/04/2018 19:13:20	00:05:00.000	79.2	63.2	51.3
396	05/04/2018 19:18:20	00:05:00.000	77.2	55.6	50.2
397	05/04/2018 19:23:20	00:05:00.000	66.8	53.9	50.7
398	05/04/2018 19:28:20	00:05:00.000	71.5	54.0	50.5
399	05/04/2018 19:33:20	00:05:00.000	70.6	55.5	51.2
400	05/04/2018 19:38:20	00:05:00.000	61.8	53.1	49.9
401	05/04/2018 19:43:20	00:05:00.000	64.3	52.5	49.2
402	05/04/2018 19:48:20	00:05:00.000	76.0	58.8	49.5
403	05/04/2018 19:53:20	00:05:00.000	63.8	54.0	50.0
404	05/04/2018 19:58:20	00:05:00.000	67.1	55.2	49.1
405	05/04/2018 20:03:20	00:05:00.000	76.8	57.9	49.1
406	05/04/2018 20:08:20	00:05:00.000	66.7	52.9	48.3
407	05/04/2018 20:13:20	00:05:00.000	63.3	52.1	47.7
408	05/04/2018 20:18:20	00:05:00.000	72.9	54.1	48.8
409	05/04/2018 20:23:20	00:05:00.000	67.4	51.3	47.6
410	05/04/2018 20:28:20	00:05:00.000	70.0	54.5	48.0
411	05/04/2018 20:33:20	00:05:00.000	70.0	52.6	47.1
412	05/04/2018 20:38:20	00:05:00.000	72.8	55.1	47.5
413	05/04/2018 20:43:20	00:05:00.000	71.5	57.0	47.5
414	05/04/2018 20:48:20	00:05:00.000	69.9	55.6	46.7
415	05/04/2018 20:53:20	00:05:00.000	68.2	57.0	49.5
416	05/04/2018 20:58:20	00:05:00.000	69.1	56.8	48.8
417	05/04/2018 21:03:20	00:05:00.000	70.7	57.4	48.7
418	05/04/2018 21:08:20	00:05:00.000	67.2	55.7	48.2
419	05/04/2018 21:13:20	00:05:00.000	73.1	57.1	48.4
420	05/04/2018 21:18:20	00:05:00.000	77.7	60.4	50.2
421	05/04/2018 21:23:20	00:05:00.000	70.1	56.6	48.1
422	05/04/2018 21:28:20	00:05:00.000	69.6	56.0	47.5
423	05/04/2018 21:33:20	00:05:00.000	69.5	51.7	46.0
424	05/04/2018 21:38:20	00:05:00.000	71.9	56.3	46.5
425	05/04/2018 21:43:20	00:05:00.000	62.5	49.3	45.7
426	05/04/2018 21:48:20	00:05:00.000	59.0	47.2	44.9
427	05/04/2018 21:53:20	00:05:00.000	68.6	49.0	45.1
428	05/04/2018 21:58:20	00:05:00.000	63.4	49.3	46.0
429	05/04/2018 22:03:20	00:05:00.000	66.1	51.0	46.5
430	05/04/2018 22:08:20	00:05:00.000	65.2	51.6	47.0

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
431	05/04/2018 22:13:20	00:05:00.000	61.4	48.6	45.9
432	05/04/2018 22:18:20	00:05:00.000	59.7	48.4	45.6
433	05/04/2018 22:23:20	00:05:00.000	78.6	56.5	49.1
434	05/04/2018 22:28:20	00:05:00.000	78.1	54.6	46.0
435	05/04/2018 22:33:20	00:05:00.000	62.7	50.0	45.7
436	05/04/2018 22:38:20	00:05:00.000	55.9	47.5	45.3
437	05/04/2018 22:43:20	00:05:00.000	64.8	49.7	46.3
438	05/04/2018 22:48:20	00:05:00.000	75.4	55.3	46.2
439	05/04/2018 22:53:20	00:05:00.000	64.0	49.5	44.8
440	05/04/2018 22:58:20	00:05:00.000	65.1	52.5	49.1
441	05/04/2018 23:03:20	00:05:00.000	60.6	51.5	49.7
442	05/04/2018 23:08:20	00:05:00.000	64.3	51.7	49.5
443	05/04/2018 23:13:20	00:05:00.000	64.9	52.1	50.1
444	05/04/2018 23:18:20	00:05:00.000	64.1	53.1	50.1
445	05/04/2018 23:23:20	00:05:00.000	68.3	53.4	47.9
446	05/04/2018 23:28:20	00:05:00.000	66.8	49.0	45.1
447	05/04/2018 23:33:20	00:05:00.000	71.1	55.2	46.3
448	05/04/2018 23:38:20	00:05:00.000	66.3	50.1	45.5
449	05/04/2018 23:43:20	00:05:00.000	64.4	46.6	44.6
450	05/04/2018 23:48:20	00:05:00.000	70.3	54.4	46.8
451	05/04/2018 23:53:20	00:05:00.000	65.8	49.8	46.1
452	05/04/2018 23:58:20	00:05:00.000	74.5	50.9	45.4
453	06/04/2018 00:03:20	00:05:00.000	66.0	50.8	45.3
454	06/04/2018 00:08:20	00:05:00.000	56.4	49.1	45.9
455	06/04/2018 00:13:20	00:05:00.000	79.9	61.1	46.9
456	06/04/2018 00:18:20	00:05:00.000	85.4	57.0	45.2
457	06/04/2018 00:23:20	00:05:00.000	59.8	48.4	45.4
458	06/04/2018 00:28:20	00:05:00.000	67.4	48.8	45.1
459	06/04/2018 00:33:20	00:05:00.000	76.5	57.4	45.7
460	06/04/2018 00:38:20	00:05:00.000	61.7	46.7	44.6
461	06/04/2018 00:43:20	00:05:00.000	65.6	47.8	44.3
462	06/04/2018 00:48:20	00:05:00.000	78.2	52.7	44.2
463	06/04/2018 00:53:20	00:05:00.000	58.1	46.8	44.9
464	06/04/2018 00:58:20	00:05:00.000	56.0	47.6	45.2
465	06/04/2018 01:03:20	00:05:00.000	57.4	45.8	44.4
466	06/04/2018 01:08:20	00:05:00.000	53.9	46.2	45.0
467	06/04/2018 01:13:20	00:05:00.000	54.0	47.3	45.4
468	06/04/2018 01:18:20	00:05:00.000	59.4	47.4	44.8
469	06/04/2018 01:23:20	00:05:00.000	52.0	45.9	44.1
470	06/04/2018 01:28:20	00:05:00.000	54.8	46.6	45.1
471	06/04/2018 01:33:20	00:05:00.000	55.4	47.1	45.9
472	06/04/2018 01:38:20	00:05:00.000	57.0	47.0	44.7
473	06/04/2018 01:43:20	00:05:00.000	66.5	47.5	44.4

Project: 22-24 Cross Street, Reading, RG1 1SN
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Date: 13/06/2018
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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
474	06/04/2018 01:48:20	00:05:00.000	64.3	48.0	44.2
475	06/04/2018 01:53:20	00:05:00.000	54.0	44.9	44.0
476	06/04/2018 01:58:20	00:05:00.000	54.8	45.5	44.2
477	06/04/2018 02:03:20	00:05:00.000	64.5	46.3	44.0
478	06/04/2018 02:08:20	00:05:00.000	78.1	59.3	44.2
479	06/04/2018 02:13:20	00:05:00.000	55.7	45.8	44.3
480	06/04/2018 02:18:20	00:05:00.000	54.3	45.7	44.1
481	06/04/2018 02:23:20	00:05:00.000	54.0	45.0	43.2
482	06/04/2018 02:28:20	00:05:00.000	50.1	44.6	43.4
483	06/04/2018 02:33:20	00:05:00.000	59.4	46.0	43.5
484	06/04/2018 02:38:20	00:05:00.000	59.6	45.6	43.3
485	06/04/2018 02:43:20	00:05:00.000	56.2	45.6	43.3
486	06/04/2018 02:48:20	00:05:00.000	57.6	45.2	43.5
487	06/04/2018 02:53:20	00:05:00.000	50.6	45.5	43.6
488	06/04/2018 02:58:20	00:05:00.000	60.5	46.7	43.6
489	06/04/2018 03:03:20	00:05:00.000	71.8	48.6	44.1
490	06/04/2018 03:08:20	00:05:00.000	63.5	46.2	43.3
491	06/04/2018 03:13:20	00:05:00.000	53.8	45.5	43.4
492	06/04/2018 03:18:20	00:05:00.000	68.0	46.1	43.8
493	06/04/2018 03:23:20	00:05:00.000	54.6	45.0	43.3
494	06/04/2018 03:28:20	00:05:00.000	55.5	45.3	43.3
495	06/04/2018 03:33:20	00:05:00.000	53.0	44.7	43.4
496	06/04/2018 03:38:20	00:05:00.000	49.2	44.4	43.2
497	06/04/2018 03:43:20	00:05:00.000	56.3	45.8	43.5
498	06/04/2018 03:48:20	00:05:00.000	53.5	45.2	43.7
499	06/04/2018 03:53:20	00:05:00.000	61.1	46.5	44.0
500	06/04/2018 03:58:20	00:05:00.000	63.7	48.9	43.8
501	06/04/2018 04:03:20	00:05:00.000	62.1	47.7	44.4
502	06/04/2018 04:08:20	00:05:00.000	56.3	46.5	44.9
503	06/04/2018 04:13:20	00:05:00.000	58.8	46.4	44.3
504	06/04/2018 04:18:20	00:05:00.000	62.2	50.0	44.2
505	06/04/2018 04:23:20	00:05:00.000	61.5	49.5	44.3
506	06/04/2018 04:28:20	00:05:00.000	70.4	53.7	44.1
507	06/04/2018 04:33:20	00:05:00.000	54.6	44.9	43.7
508	06/04/2018 04:38:20	00:05:00.000	63.8	49.4	44.2
509	06/04/2018 04:43:20	00:05:00.000	65.2	50.6	45.1
510	06/04/2018 04:48:20	00:05:00.000	58.6	47.3	44.2
511	06/04/2018 04:53:20	00:05:00.000	61.5	47.4	44.3
512	06/04/2018 04:58:20	00:05:00.000	58.9	48.0	44.4
513	06/04/2018 05:03:20	00:05:00.000	60.0	46.7	44.0
514	06/04/2018 05:08:20	00:05:00.000	80.5	64.7	44.6
515	06/04/2018 05:13:20	00:05:00.000	60.8	50.6	46.5
516	06/04/2018 05:18:20	00:05:00.000	57.2	48.3	46.3

Project: 22-24 Cross Street, Reading, RG1 1SN
Client: Bluebird Engineering

Date: 13/06/2018
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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
517	06/04/2018 05:23:20	00:05:00.000	73.5	57.8	49.9
518	06/04/2018 05:28:20	00:05:00.000	66.0	50.4	46.2
519	06/04/2018 05:33:20	00:05:00.000	65.2	48.1	45.4
520	06/04/2018 05:38:20	00:05:00.000	66.7	49.2	45.2
521	06/04/2018 05:43:20	00:05:00.000	67.3	49.7	45.7
522	06/04/2018 05:48:20	00:05:00.000	82.2	63.7	46.9
523	06/04/2018 05:53:20	00:05:00.000	66.0	52.7	46.9
524	06/04/2018 05:58:20	00:05:00.000	74.7	56.6	47.6
525	06/04/2018 06:03:20	00:05:00.000	67.4	54.0	47.6
526	06/04/2018 06:08:20	00:05:00.000	73.6	61.2	53.6
527	06/04/2018 06:13:20	00:05:00.000	60.4	50.2	46.7
528	06/04/2018 06:18:20	00:05:00.000	61.2	49.8	47.2
529	06/04/2018 06:23:20	00:05:00.000	81.5	63.7	50.4
530	06/04/2018 06:28:20	00:05:00.000	64.2	54.4	48.8
531	06/04/2018 06:33:20	00:05:00.000	64.7	54.2	49.4
532	06/04/2018 06:38:20	00:05:00.000	82.4	69.3	49.6
533	06/04/2018 06:43:20	00:05:00.000	83.0	69.5	49.8
534	06/04/2018 06:48:20	00:05:00.000	70.4	55.9	50.2
535	06/04/2018 06:53:20	00:05:00.000	64.1	53.2	49.3
536	06/04/2018 06:58:20	00:05:00.000	69.1	54.1	49.1
537	06/04/2018 07:03:20	00:05:00.000	69.1	54.1	48.5
538	06/04/2018 07:08:20	00:05:00.000	69.8	52.9	48.4
539	06/04/2018 07:13:20	00:05:00.000	60.2	51.1	48.6
540	06/04/2018 07:18:20	00:05:00.000	70.2	56.4	49.3
541	06/04/2018 07:23:20	00:05:00.000	66.5	55.8	53.3
542	06/04/2018 07:28:20	00:05:00.000	62.3	54.8	53.3
543	06/04/2018 07:33:20	00:05:00.000	73.3	57.2	49.6
544	06/04/2018 07:38:20	00:05:00.000	67.6	53.4	49.1
545	06/04/2018 07:43:20	00:05:00.000	59.7	52.1	49.4
546	06/04/2018 07:48:20	00:05:00.000	65.4	57.4	51.6
547	06/04/2018 07:53:20	00:05:00.000	70.5	58.2	51.5
548	06/04/2018 07:58:20	00:05:00.000	67.5	58.2	53.0
549	06/04/2018 08:03:20	00:05:00.000	79.6	57.1	50.7
550	06/04/2018 08:08:20	00:05:00.000	67.6	54.4	51.9
551	06/04/2018 08:13:20	00:05:00.000	68.5	56.5	50.6
552	06/04/2018 08:18:20	00:05:00.000	66.4	52.1	49.8
553	06/04/2018 08:23:20	00:05:00.000	72.5	55.8	49.3
554	06/04/2018 08:28:20	00:05:00.000	72.1	58.0	50.3
555	06/04/2018 08:33:20	00:05:00.000	66.2	52.6	49.0
556	06/04/2018 08:38:20	00:05:00.000	70.4	54.1	50.3
557	06/04/2018 08:43:20	00:05:00.000	74.8	60.1	50.9
558	06/04/2018 08:48:20	00:05:00.000	79.1	60.9	50.6
559	06/04/2018 08:53:20	00:05:00.000	67.8	55.6	50.6

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Client: Bluebird Engineering

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
560	06/04/2018 08:58:20	00:05:00.000	68.8	56.1	50.7
561	06/04/2018 09:03:20	00:05:00.000	66.8	54.5	48.8
562	06/04/2018 09:08:20	00:05:00.000	68.4	56.0	50.1
563	06/04/2018 09:13:20	00:05:00.000	77.4	56.2	49.8
564	06/04/2018 09:18:20	00:05:00.000	85.1	67.6	50.4
565	06/04/2018 09:23:20	00:05:00.000	72.5	56.0	51.0
566	06/04/2018 09:28:20	00:05:00.000	65.7	55.2	52.3
567	06/04/2018 09:33:20	00:05:00.000	75.6	59.2	49.4
568	06/04/2018 09:38:20	00:05:00.000	68.3	55.5	50.4
569	06/04/2018 09:43:20	00:05:00.000	70.6	54.7	49.4
570	06/04/2018 09:48:20	00:05:00.000	77.7	55.3	50.0
571	06/04/2018 09:53:20	00:05:00.000	67.6	56.0	52.0
572	06/04/2018 09:58:20	00:05:00.000	77.5	57.0	49.5
573	06/04/2018 10:03:20	00:05:00.000	67.7	55.6	50.1
574	06/04/2018 10:08:20	00:05:00.000	62.9	54.2	51.9
575	06/04/2018 10:13:20	00:05:00.000	66.8	53.4	50.6
576	06/04/2018 10:18:20	00:05:00.000	81.0	58.2	51.4
577	06/04/2018 10:23:20	00:05:00.000	64.1	54.2	50.4
578	06/04/2018 10:28:20	00:05:00.000	69.9	56.1	50.7
579	06/04/2018 10:33:20	00:05:00.000	69.8	55.2	50.6
580	06/04/2018 10:38:20	00:05:00.000	68.3	56.8	52.0
581	06/04/2018 10:43:20	00:05:00.000	72.9	55.7	51.6
582	06/04/2018 10:48:20	00:05:00.000	72.8	56.2	52.2
583	06/04/2018 10:53:20	00:05:00.000	66.1	56.7	52.4
584	06/04/2018 10:58:20	00:05:00.000	68.6	55.2	51.6
585	06/04/2018 11:03:20	00:05:00.000	72.2	56.5	53.0
586	06/04/2018 11:08:20	00:05:00.000	67.6	57.2	53.6
587	06/04/2018 11:13:20	00:05:00.000	66.9	56.3	53.2
588	06/04/2018 11:18:20	00:05:00.000	66.4	56.0	52.7
589	06/04/2018 11:23:20	00:05:00.000	65.6	57.1	53.0
590	06/04/2018 11:28:20	00:05:00.000	75.6	58.0	53.5
591	06/04/2018 11:33:20	00:05:00.000	75.5	57.6	52.5
592	06/04/2018 11:38:20	00:05:00.000	73.1	59.5	54.9
593	06/04/2018 11:43:20	00:05:00.000	71.1	58.2	53.1
594	06/04/2018 11:48:20	00:05:00.000	75.8	59.3	53.5
595	06/04/2018 11:53:20	00:05:00.000	68.9	58.0	53.7
596	06/04/2018 11:58:20	00:05:00.000	69.6	58.0	53.2
597	06/04/2018 12:03:20	00:05:00.000	67.0	56.9	53.0
598	06/04/2018 12:08:20	00:05:00.000	69.8	57.9	52.8
599	06/04/2018 12:13:20	00:05:00.000	80.5	59.1	54.0
600	06/04/2018 12:18:20	00:05:00.000	72.0	57.8	54.2
601	06/04/2018 12:23:20	00:05:00.000	69.8	57.7	53.9
602	06/04/2018 12:28:20	00:05:00.000	70.2	58.3	53.4

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Client: Bluebird Engineering

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
603	06/04/2018 12:33:20	00:05:00.000	69.9	57.4	54.5
604	06/04/2018 12:38:20	00:05:00.000	68.2	58.0	54.9
605	06/04/2018 12:43:20	00:05:00.000	81.6	58.4	53.1
606	06/04/2018 12:48:20	00:05:00.000	72.2	57.0	52.4
607	06/04/2018 12:53:20	00:05:00.000	73.6	58.1	54.1
608	06/04/2018 12:58:20	00:05:00.000	69.6	58.4	52.9
609	06/04/2018 13:03:20	00:05:00.000	79.5	58.7	54.1
610	06/04/2018 13:08:20	00:05:00.000	83.9	63.6	54.3
611	06/04/2018 13:13:20	00:05:00.000	83.5	60.1	53.7
612	06/04/2018 13:18:20	00:05:00.000	85.6	59.9	52.3
613	06/04/2018 13:23:20	00:05:00.000	71.2	58.1	53.2
614	06/04/2018 13:28:20	00:05:00.000	83.3	70.1	54.8
615	06/04/2018 13:33:20	00:05:00.000	71.5	59.5	53.0
616	06/04/2018 13:38:20	00:05:00.000	72.3	57.7	53.1
617	06/04/2018 13:43:20	00:05:00.000	68.9	57.2	52.4
618	06/04/2018 13:48:20	00:05:00.000	76.4	59.5	53.6
619	06/04/2018 13:53:20	00:05:00.000	81.4	58.9	52.0
620	06/04/2018 13:58:20	00:05:00.000	71.5	56.8	52.4
621	06/04/2018 14:03:20	00:05:00.000	65.1	55.0	51.3
622	06/04/2018 14:08:20	00:05:00.000	66.4	56.6	53.0
623	06/04/2018 14:13:20	00:05:00.000	71.0	56.1	52.2
624	06/04/2018 14:18:20	00:05:00.000	67.9	56.9	52.8
625	06/04/2018 14:23:20	00:05:00.000	67.1	57.1	52.5
626	06/04/2018 14:28:20	00:05:00.000	73.4	58.1	54.4
627	06/04/2018 14:33:20	00:05:00.000	71.5	57.3	53.7
628	06/04/2018 14:38:20	00:05:00.000	70.1	57.6	53.3
629	06/04/2018 14:43:20	00:05:00.000	68.3	58.8	55.5
630	06/04/2018 14:48:20	00:05:00.000	69.9	57.6	54.2
631	06/04/2018 14:53:20	00:05:00.000	73.9	57.0	52.7
632	06/04/2018 14:58:20	00:05:00.000	71.7	56.4	53.3
633	06/04/2018 15:03:20	00:05:00.000	75.4	59.7	53.8
634	06/04/2018 15:08:20	00:05:00.000	66.6	56.9	53.8
635	06/04/2018 15:13:20	00:05:00.000	66.0	57.2	53.5
636	06/04/2018 15:18:20	00:05:00.000	69.6	58.6	54.6
637	06/04/2018 15:23:20	00:05:00.000	73.5	58.5	54.3
638	06/04/2018 15:28:20	00:05:00.000	64.6	57.5	53.9
639	06/04/2018 15:33:20	00:05:00.000	67.6	56.4	52.6
640	06/04/2018 15:38:20	00:05:00.000	68.4	57.7	54.1
641	06/04/2018 15:43:20	00:05:00.000	72.9	57.5	54.0
642	06/04/2018 15:48:20	00:05:00.000	80.9	61.1	54.4
643	06/04/2018 15:53:20	00:05:00.000	66.0	57.1	53.5
644	06/04/2018 15:58:20	00:05:00.000	71.2	57.1	53.7
645	06/04/2018 16:03:20	00:05:00.000	66.9	58.0	54.7

Project: 22-24 Cross Street, Reading, RG1 1SN
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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
646	06/04/2018 16:08:20	00:05:00.000	77.0	60.7	53.8
647	06/04/2018 16:13:20	00:05:00.000	83.7	63.5	54.2
648	06/04/2018 16:18:20	00:05:00.000	68.5	58.9	54.8
649	06/04/2018 16:23:20	00:05:00.000	68.7	58.0	53.5
650	06/04/2018 16:28:20	00:05:00.000	70.8	58.6	54.7
651	06/04/2018 16:33:20	00:05:00.000	80.6	63.0	53.2
652	06/04/2018 16:38:20	00:05:00.000	74.6	57.5	52.4
653	06/04/2018 16:43:20	00:05:00.000	66.1	55.5	51.3
654	06/04/2018 16:48:20	00:05:00.000	77.5	61.1	51.8
655	06/04/2018 16:53:20	00:05:00.000	72.9	55.5	51.5
656	06/04/2018 16:58:20	00:05:00.000	70.3	57.1	52.5
657	06/04/2018 17:03:20	00:05:00.000	72.4	56.5	52.6
658	06/04/2018 17:08:20	00:05:00.000	70.1	58.3	54.3
659	06/04/2018 17:13:20	00:05:00.000	73.0	59.8	55.3
660	06/04/2018 17:18:20	00:05:00.000	82.5	70.4	57.6
661	06/04/2018 17:23:20	00:05:00.000	76.7	61.5	56.4
662	06/04/2018 17:28:20	00:05:00.000	70.4	59.7	55.9
663	06/04/2018 17:33:20	00:05:00.000	72.2	60.5	56.3
664	06/04/2018 17:38:20	00:05:00.000	69.8	60.6	57.2
665	06/04/2018 17:43:20	00:05:00.000	71.0	60.4	57.2
666	06/04/2018 17:48:20	00:05:00.000	68.4	60.0	56.3
667	06/04/2018 17:53:20	00:05:00.000	70.4	59.6	54.5
668	06/04/2018 17:58:20	00:05:00.000	73.4	60.1	56.5
669	06/04/2018 18:03:20	00:05:00.000	67.7	59.0	55.5
670	06/04/2018 18:08:20	00:05:00.000	71.0	60.9	56.5
671	06/04/2018 18:13:20	00:05:00.000	75.1	61.3	56.3
672	06/04/2018 18:18:20	00:05:00.000	69.4	60.2	57.0
673	06/04/2018 18:23:20	00:05:00.000	71.0	59.0	54.2
674	06/04/2018 18:28:20	00:05:00.000	72.5	59.3	54.8
675	06/04/2018 18:33:20	00:05:00.000	71.7	58.9	54.5
676	06/04/2018 18:38:20	00:05:00.000	69.4	58.3	54.8
677	06/04/2018 18:43:20	00:05:00.000	71.7	59.5	54.7
678	06/04/2018 18:48:20	00:05:00.000	67.6	59.4	53.8
679	06/04/2018 18:53:20	00:05:00.000	72.4	60.5	55.5
680	06/04/2018 18:58:20	00:05:00.000	69.1	59.2	54.6
681	06/04/2018 19:03:20	00:05:00.000	66.6	57.1	50.2
682	06/04/2018 19:08:20	00:05:00.000	76.5	60.9	51.1
683	06/04/2018 19:13:20	00:05:00.000	65.6	55.6	50.1
684	06/04/2018 19:18:20	00:05:00.000	71.5	56.4	49.4
685	06/04/2018 19:23:20	00:05:00.000	68.6	54.0	49.4
686	06/04/2018 19:28:20	00:05:00.000	60.6	51.3	48.6
687	06/04/2018 19:33:20	00:05:00.000	69.5	53.7	49.2
688	06/04/2018 19:38:20	00:05:00.000	76.3	54.5	49.2

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Date: 13/06/2018
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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
689	06/04/2018 19:43:20	00:05:00.000	64.8	52.9	49.7
690	06/04/2018 19:48:20	00:05:00.000	79.6	58.4	51.1
691	06/04/2018 19:53:20	00:05:00.000	68.4	55.5	50.0
692	06/04/2018 19:58:20	00:05:00.000	71.6	55.1	48.3
693	06/04/2018 20:03:20	00:05:00.000	68.4	55.3	49.9
694	06/04/2018 20:08:20	00:05:00.000	72.9	55.4	50.0
695	06/04/2018 20:13:20	00:05:00.000	66.2	53.7	49.2
696	06/04/2018 20:18:20	00:05:00.000	70.7	55.6	49.3
697	06/04/2018 20:23:20	00:05:00.000	70.5	55.3	49.3
698	06/04/2018 20:28:20	00:05:00.000	67.4	53.9	49.3
699	06/04/2018 20:33:20	00:05:00.000	67.4	54.3	49.6
700	06/04/2018 20:38:20	00:05:00.000	76.2	53.8	48.2
701	06/04/2018 20:43:20	00:05:00.000	79.7	60.0	49.1
702	06/04/2018 20:48:20	00:05:00.000	70.3	52.1	48.1
703	06/04/2018 20:53:20	00:05:00.000	72.1	53.5	47.5
704	06/04/2018 20:58:20	00:05:00.000	59.7	49.8	47.2
705	06/04/2018 21:03:20	00:05:00.000	70.3	53.6	48.9
706	06/04/2018 21:08:20	00:05:00.000	74.6	56.2	50.0
707	06/04/2018 21:13:20	00:05:00.000	73.6	54.3	48.2
708	06/04/2018 21:18:20	00:05:00.000	65.1	52.1	48.2
709	06/04/2018 21:23:20	00:05:00.000	66.8	53.7	48.3
710	06/04/2018 21:28:20	00:05:00.000	64.5	52.9	49.0
711	06/04/2018 21:33:20	00:05:00.000	66.6	51.4	49.2
712	06/04/2018 21:38:20	00:05:00.000	63.0	52.2	49.0
713	06/04/2018 21:43:20	00:05:00.000	65.5	51.9	48.1
714	06/04/2018 21:48:20	00:05:00.000	63.6	51.8	49.1
715	06/04/2018 21:53:20	00:05:00.000	61.9	53.1	49.7
716	06/04/2018 21:58:20	00:05:00.000	72.2	56.9	50.6
717	06/04/2018 22:03:20	00:05:00.000	73.2	55.6	51.0
718	06/04/2018 22:08:20	00:05:00.000	65.8	54.7	51.5
719	06/04/2018 22:13:20	00:05:00.000	70.2	54.5	50.6
720	06/04/2018 22:18:20	00:05:00.000	72.1	57.7	52.2
721	06/04/2018 22:23:20	00:05:00.000	78.1	57.0	50.1
722	06/04/2018 22:28:20	00:05:00.000	73.2	59.3	50.7
723	06/04/2018 22:33:20	00:05:00.000	68.1	54.0	50.1
724	06/04/2018 22:38:20	00:05:00.000	66.3	54.0	51.0
725	06/04/2018 22:43:20	00:05:00.000	67.3	55.7	52.3
726	06/04/2018 22:48:20	00:05:00.000	71.1	55.8	51.4
727	06/04/2018 22:53:20	00:05:00.000	64.4	54.2	50.3
728	06/04/2018 22:58:20	00:05:00.000	70.3	57.0	51.4
729	06/04/2018 23:03:20	00:05:00.000	67.6	55.0	51.3
730	06/04/2018 23:08:20	00:05:00.000	65.2	55.2	51.7
731	06/04/2018 23:13:20	00:05:00.000	72.5	59.9	54.4

Project: 22-24 Cross Street, Reading, RG1 1SN
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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
732	06/04/2018 23:18:20	00:05:00.000	80.8	60.7	52.7
733	06/04/2018 23:23:20	00:05:00.000	76.6	56.5	52.1
734	06/04/2018 23:28:20	00:05:00.000	72.7	56.1	52.2
735	06/04/2018 23:33:20	00:05:00.000	72.4	56.2	51.7
736	06/04/2018 23:38:20	00:05:00.000	67.1	57.0	53.1
737	06/04/2018 23:43:20	00:05:00.000	71.5	58.3	54.1
738	06/04/2018 23:48:20	00:05:00.000	69.0	57.2	53.5
739	06/04/2018 23:53:20	00:05:00.000	69.8	57.2	53.3
740	06/04/2018 23:58:20	00:05:00.000	96.6	74.3	57.5
741	07/04/2018 00:03:20	00:05:00.000	67.6	57.0	53.0
742	07/04/2018 00:08:20	00:05:00.000	72.1	59.0	53.7
743	07/04/2018 00:13:20	00:05:00.000	74.6	57.8	53.5
744	07/04/2018 00:18:20	00:05:00.000	75.4	56.8	53.4
745	07/04/2018 00:23:20	00:05:00.000	72.5	60.2	53.6
746	07/04/2018 00:28:20	00:05:00.000	78.6	60.2	54.1
747	07/04/2018 00:33:20	00:05:00.000	68.4	55.4	53.0
748	07/04/2018 00:38:20	00:05:00.000	68.6	57.1	52.7
749	07/04/2018 00:43:20	00:05:00.000	77.6	62.4	54.6
750	07/04/2018 00:48:20	00:05:00.000	65.1	56.5	53.5
751	07/04/2018 00:53:20	00:05:00.000	74.9	57.3	52.7
752	07/04/2018 00:58:20	00:05:00.000	74.1	60.2	53.1
753	07/04/2018 01:03:20	00:05:00.000	71.9	56.4	52.3
754	07/04/2018 01:08:20	00:05:00.000	72.6	58.2	53.2
755	07/04/2018 01:13:20	00:05:00.000	78.0	62.3	55.6
756	07/04/2018 01:18:20	00:05:00.000	74.4	59.3	55.4
757	07/04/2018 01:23:20	00:05:00.000	74.0	58.6	51.5
758	07/04/2018 01:28:20	00:05:00.000	70.5	54.7	51.0
759	07/04/2018 01:33:20	00:05:00.000	75.5	59.4	53.2
760	07/04/2018 01:38:20	00:05:00.000	77.5	58.9	53.0
761	07/04/2018 01:43:20	00:05:00.000	77.4	61.8	53.8
762	07/04/2018 01:48:20	00:05:00.000	83.9	61.9	52.6
763	07/04/2018 01:53:20	00:05:00.000	67.0	55.3	52.2
764	07/04/2018 01:58:20	00:05:00.000	72.0	56.5	51.9
765	07/04/2018 02:03:20	00:05:00.000	84.3	64.8	53.5
766	07/04/2018 02:08:20	00:05:00.000	70.1	55.8	51.0
767	07/04/2018 02:13:20	00:05:00.000	68.2	53.9	49.8
768	07/04/2018 02:18:20	00:05:00.000	76.4	57.5	50.1
769	07/04/2018 02:23:20	00:05:00.000	70.6	53.6	49.5
770	07/04/2018 02:28:20	00:05:00.000	73.6	55.1	50.4
771	07/04/2018 02:33:20	00:05:00.000	70.1	53.1	49.8
772	07/04/2018 02:38:20	00:05:00.000	69.8	53.3	49.2
773	07/04/2018 02:43:20	00:05:00.000	68.2	53.1	48.9
774	07/04/2018 02:48:20	00:05:00.000	79.0	58.6	49.2

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
775	07/04/2018 02:53:20	00:05:00.000	81.6	63.3	53.5
776	07/04/2018 02:58:20	00:05:00.000	71.6	54.9	49.4
777	07/04/2018 03:03:20	00:05:00.000	73.9	56.2	49.5
778	07/04/2018 03:08:20	00:05:00.000	63.2	50.9	47.2
779	07/04/2018 03:13:20	00:05:00.000	57.9	47.6	45.2
780	07/04/2018 03:18:20	00:05:00.000	66.8	48.5	45.0
781	07/04/2018 03:23:20	00:05:00.000	67.3	51.0	44.2
782	07/04/2018 03:28:20	00:05:00.000	63.1	48.0	44.0
783	07/04/2018 03:33:20	00:05:00.000	76.5	60.4	44.2
784	07/04/2018 03:38:20	00:05:00.000	53.2	46.2	43.5
785	07/04/2018 03:43:20	00:05:00.000	60.0	46.4	43.3
786	07/04/2018 03:48:20	00:05:00.000	53.1	46.4	43.6
787	07/04/2018 03:53:20	00:05:00.000	65.8	51.7	44.0
788	07/04/2018 03:58:20	00:05:00.000	63.1	48.7	44.4
789	07/04/2018 04:03:20	00:05:00.000	56.8	46.3	43.5
790	07/04/2018 04:08:20	00:05:00.000	60.3	47.4	44.0
791	07/04/2018 04:13:20	00:05:00.000	54.5	46.3	44.4
792	07/04/2018 04:18:20	00:05:00.000	56.9	46.3	44.1
793	07/04/2018 04:23:20	00:05:00.000	77.5	50.7	44.0
794	07/04/2018 04:28:20	00:05:00.000	57.4	46.9	44.4
795	07/04/2018 04:33:20	00:05:00.000	56.5	45.6	43.8
796	07/04/2018 04:38:20	00:05:00.000	54.1	45.8	44.1
797	07/04/2018 04:43:20	00:05:00.000	76.6	60.4	44.0
798	07/04/2018 04:48:20	00:05:00.000	62.4	47.9	44.1
799	07/04/2018 04:53:20	00:05:00.000	76.6	63.4	43.8
800	07/04/2018 04:58:20	00:05:00.000	77.5	58.7	44.3
801	07/04/2018 05:03:20	00:05:00.000	55.1	45.7	43.6
802	07/04/2018 05:08:20	00:05:00.000	52.0	44.4	43.2
803	07/04/2018 05:13:20	00:05:00.000	59.1	46.5	43.9
804	07/04/2018 05:18:20	00:05:00.000	58.2	48.2	44.2
805	07/04/2018 05:23:20	00:05:00.000	59.2	48.7	44.1
806	07/04/2018 05:28:20	00:05:00.000	52.1	44.8	43.7
807	07/04/2018 05:33:20	00:05:00.000	64.5	45.8	44.2
808	07/04/2018 05:38:20	00:05:00.000	59.8	47.8	44.2
809	07/04/2018 05:43:20	00:05:00.000	86.1	63.9	45.5
810	07/04/2018 05:48:20	00:05:00.000	59.0	49.2	45.0
811	07/04/2018 05:53:20	00:05:00.000	61.4	50.3	45.3
812	07/04/2018 05:58:20	00:05:00.000	60.5	51.8	48.5
813	07/04/2018 06:03:20	00:05:00.000	62.4	51.4	45.2
814	07/04/2018 06:08:20	00:05:00.000	64.7	52.6	45.4
815	07/04/2018 06:13:20	00:05:00.000	71.4	51.9	44.9
816	07/04/2018 06:18:20	00:05:00.000	56.6	47.8	45.2
817	07/04/2018 06:23:20	00:05:00.000	62.1	49.5	45.7

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
818	07/04/2018 06:28:20	00:05:00.000	62.5	52.4	46.3
819	07/04/2018 06:33:20	00:05:00.000	64.6	48.7	46.0
820	07/04/2018 06:38:20	00:05:00.000	63.2	52.1	47.0
821	07/04/2018 06:43:20	00:05:00.000	61.8	53.8	48.8
822	07/04/2018 06:48:20	00:05:00.000	81.6	69.9	51.7
823	07/04/2018 06:53:20	00:05:00.000	82.0	60.4	51.7
824	07/04/2018 06:58:20	00:05:00.000	64.2	52.5	49.9
825	07/04/2018 07:03:20	00:05:00.000	60.0	50.2	46.5
826	07/04/2018 07:08:20	00:05:00.000	63.2	52.1	47.2
827	07/04/2018 07:13:20	00:05:00.000	64.9	51.6	47.7
828	07/04/2018 07:18:20	00:05:00.000	63.2	52.3	47.9
829	07/04/2018 07:23:20	00:05:00.000	62.1	52.8	47.2
830	07/04/2018 07:28:20	00:05:00.000	67.8	56.8	49.6
831	07/04/2018 07:33:20	00:05:00.000	63.6	52.9	47.6
832	07/04/2018 07:38:20	00:05:00.000	68.6	53.4	47.0
833	07/04/2018 07:43:20	00:05:00.000	72.1	58.5	48.7
834	07/04/2018 07:48:20	00:05:00.000	61.3	52.6	49.4
835	07/04/2018 07:53:20	00:05:00.000	66.6	52.3	48.0
836	07/04/2018 07:58:20	00:05:00.000	64.1	52.7	48.6
837	07/04/2018 08:03:20	00:05:00.000	62.3	51.4	48.4
838	07/04/2018 08:08:20	00:05:00.000	62.8	51.4	48.2
839	07/04/2018 08:13:20	00:05:00.000	68.6	55.9	48.9
840	07/04/2018 08:18:20	00:05:00.000	62.0	50.4	47.7
841	07/04/2018 08:23:20	00:05:00.000	60.3	49.7	47.1
842	07/04/2018 08:28:20	00:05:00.000	72.7	58.0	49.0
843	07/04/2018 08:33:20	00:05:00.000	73.8	52.9	48.3
844	07/04/2018 08:38:20	00:05:00.000	76.1	56.0	49.5
845	07/04/2018 08:43:20	00:05:00.000	78.9	63.9	53.2
846	07/04/2018 08:48:20	00:05:00.000	73.8	57.0	51.5
847	07/04/2018 08:53:20	00:05:00.000	75.8	58.2	52.3
848	07/04/2018 08:58:20	00:05:00.000	75.5	57.5	49.3
849	07/04/2018 09:03:20	00:05:00.000	65.2	53.1	48.5
850	07/04/2018 09:08:20	00:05:00.000	68.4	54.2	49.0
851	07/04/2018 09:13:20	00:05:00.000	73.0	55.4	51.4
852	07/04/2018 09:18:20	00:05:00.000	63.7	52.3	49.2
853	07/04/2018 09:23:20	00:05:00.000	64.8	54.4	48.8
854	07/04/2018 09:28:20	00:05:00.000	66.4	51.6	49.1
855	07/04/2018 09:33:20	00:05:00.000	63.9	53.8	50.3
856	07/04/2018 09:38:20	00:05:00.000	65.7	55.8	50.6
857	07/04/2018 09:43:20	00:05:00.000	67.3	55.7	50.6
858	07/04/2018 09:48:20	00:05:00.000	65.9	55.0	50.3
859	07/04/2018 09:53:20	00:05:00.000	64.4	55.9	51.5
860	07/04/2018 09:58:20	00:05:00.000	69.2	56.0	51.2

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
861	07/04/2018 10:03:20	00:05:00.000	66.9	56.6	51.8
862	07/04/2018 10:08:20	00:05:00.000	73.3	59.6	53.9
863	07/04/2018 10:13:20	00:05:00.000	70.9	58.9	53.1
864	07/04/2018 10:18:20	00:05:00.000	67.5	57.7	53.2
865	07/04/2018 10:23:20	00:05:00.000	66.6	56.3	52.1
866	07/04/2018 10:28:20	00:05:00.000	72.9	58.2	53.8
867	07/04/2018 10:33:20	00:05:00.000	68.8	57.4	51.3
868	07/04/2018 10:38:20	00:05:00.000	75.4	58.5	52.2
869	07/04/2018 10:43:20	00:05:00.000	69.4	59.1	53.7
870	07/04/2018 10:48:20	00:05:00.000	66.7	57.8	53.4
871	07/04/2018 10:53:20	00:05:00.000	68.2	57.9	52.4
872	07/04/2018 10:58:20	00:05:00.000	72.8	57.9	52.6
873	07/04/2018 11:03:20	00:05:00.000	72.5	58.3	51.6
874	07/04/2018 11:08:20	00:05:00.000	71.7	57.7	52.4
875	07/04/2018 11:13:20	00:05:00.000	71.8	59.7	52.1
876	07/04/2018 11:18:20	00:05:00.000	68.3	57.5	52.9
877	07/04/2018 11:23:20	00:05:00.000	66.0	56.4	52.8
878	07/04/2018 11:28:20	00:05:00.000	69.7	56.2	52.6
879	07/04/2018 11:33:20	00:05:00.000	70.7	57.7	54.3
880	07/04/2018 11:38:20	00:05:00.000	71.1	57.0	53.1
881	07/04/2018 11:43:20	00:05:00.000	67.0	57.6	53.0
882	07/04/2018 11:48:20	00:05:00.000	71.3	57.4	53.0
883	07/04/2018 11:53:20	00:05:00.000	63.8	55.2	51.7
884	07/04/2018 11:58:20	00:05:00.000	68.9	56.1	53.0
885	07/04/2018 12:03:20	00:05:00.000	69.6	57.4	53.4
886	07/04/2018 12:08:20	00:05:00.000	75.1	58.8	53.5
887	07/04/2018 12:13:20	00:05:00.000	71.1	58.4	52.9
888	07/04/2018 12:18:20	00:05:00.000	69.6	56.5	53.1
889	07/04/2018 12:23:20	00:05:00.000	75.7	58.4	54.0
890	07/04/2018 12:28:20	00:05:00.000	74.2	59.1	54.0
891	07/04/2018 12:33:20	00:05:00.000	74.5	58.1	53.9
892	07/04/2018 12:38:20	00:05:00.000	70.1	57.8	54.0
893	07/04/2018 12:43:20	00:05:00.000	67.6	58.0	54.4
894	07/04/2018 12:48:20	00:05:00.000	78.2	58.4	53.9
895	07/04/2018 12:53:20	00:05:00.000	70.4	57.3	54.1
896	07/04/2018 12:58:20	00:05:00.000	71.7	57.7	53.7
897	07/04/2018 13:03:20	00:05:00.000	76.1	56.7	52.9
898	07/04/2018 13:08:20	00:05:00.000	72.3	59.1	54.1
899	07/04/2018 13:13:20	00:05:00.000	77.5	58.7	52.7
900	07/04/2018 13:18:20	00:05:00.000	69.1	58.0	54.0
901	07/04/2018 13:23:20	00:05:00.000	79.8	58.7	53.6
902	07/04/2018 13:28:20	00:05:00.000	74.5	57.4	53.8
903	07/04/2018 13:33:20	00:05:00.000	73.9	58.3	54.4

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
904	07/04/2018 13:38:20	00:05:00.000	69.7	57.5	53.6
905	07/04/2018 13:43:20	00:05:00.000	72.5	58.0	54.1
906	07/04/2018 13:48:20	00:05:00.000	66.7	56.3	53.5
907	07/04/2018 13:53:20	00:05:00.000	67.3	57.0	53.8
908	07/04/2018 13:58:20	00:05:00.000	71.3	57.9	53.8
909	07/04/2018 14:03:20	00:05:00.000	82.7	59.6	54.2
910	07/04/2018 14:08:20	00:05:00.000	72.9	58.7	54.2
911	07/04/2018 14:13:20	00:05:00.000	69.5	57.5	53.4
912	07/04/2018 14:18:20	00:05:00.000	70.5	57.9	53.9
913	07/04/2018 14:23:20	00:05:00.000	76.1	57.2	52.8
914	07/04/2018 14:28:20	00:05:00.000	69.5	57.0	53.3
915	07/04/2018 14:33:20	00:05:00.000	72.8	60.0	54.5
916	07/04/2018 14:38:20	00:05:00.000	71.6	57.3	53.3
917	07/04/2018 14:43:20	00:05:00.000	70.8	59.0	53.6
918	07/04/2018 14:48:20	00:05:00.000	67.3	55.9	52.3
919	07/04/2018 14:53:20	00:05:00.000	70.7	56.6	53.0
920	07/04/2018 14:58:20	00:05:00.000	75.7	58.3	53.7
921	07/04/2018 15:03:20	00:05:00.000	73.7	56.9	53.3
922	07/04/2018 15:08:20	00:05:00.000	70.6	56.3	52.8
923	07/04/2018 15:13:20	00:05:00.000	70.8	58.2	53.4
924	07/04/2018 15:18:20	00:05:00.000	82.4	62.0	54.0
925	07/04/2018 15:23:20	00:05:00.000	70.3	58.0	53.1
926	07/04/2018 15:28:20	00:05:00.000	68.3	57.3	53.1
927	07/04/2018 15:33:20	00:05:00.000	80.3	58.2	52.9
928	07/04/2018 15:38:20	00:05:00.000	68.5	57.6	53.3
929	07/04/2018 15:43:20	00:05:00.000	68.9	58.3	54.1
930	07/04/2018 15:48:20	00:05:00.000	75.3	59.2	54.4
931	07/04/2018 15:53:20	00:05:00.000	73.8	60.2	55.2
932	07/04/2018 15:58:20	00:05:00.000	68.8	59.6	55.0
933	07/04/2018 16:03:20	00:05:00.000	69.7	58.8	54.0
934	07/04/2018 16:08:20	00:05:00.000	71.5	58.8	54.6
935	07/04/2018 16:13:20	00:05:00.000	72.6	59.3	54.1
936	07/04/2018 16:18:20	00:05:00.000	71.9	58.4	54.0
937	07/04/2018 16:23:20	00:05:00.000	71.8	58.7	54.3
938	07/04/2018 16:28:20	00:05:00.000	75.2	57.6	53.2
939	07/04/2018 16:33:20	00:05:00.000	65.6	56.4	53.0
940	07/04/2018 16:38:20	00:05:00.000	68.3	56.4	52.8
941	07/04/2018 16:43:20	00:05:00.000	71.2	56.7	52.5
942	07/04/2018 16:48:20	00:05:00.000	73.5	58.1	53.2
943	07/04/2018 16:53:20	00:05:00.000	75.7	62.1	53.3
944	07/04/2018 16:58:20	00:05:00.000	68.0	55.3	52.1
945	07/04/2018 17:03:20	00:05:00.000	78.3	58.7	52.1
946	07/04/2018 17:08:20	00:05:00.000	71.8	57.1	52.2

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
947	07/04/2018 17:13:20	00:05:00.000	76.5	58.5	53.5
948	07/04/2018 17:18:20	00:05:00.000	68.0	58.9	56.3
949	07/04/2018 17:23:20	00:05:00.000	75.2	61.1	55.1
950	07/04/2018 17:28:20	00:05:00.000	67.5	56.3	52.2
951	07/04/2018 17:33:20	00:05:00.000	75.2	58.9	53.8
952	07/04/2018 17:38:20	00:05:00.000	79.4	64.6	54.7
953	07/04/2018 17:43:20	00:05:00.000	68.4	56.3	51.6
954	07/04/2018 17:48:20	00:05:00.000	76.0	59.9	53.0
955	07/04/2018 17:53:20	00:05:00.000	70.9	57.2	50.6
956	07/04/2018 17:58:20	00:05:00.000	70.6	56.0	51.1
957	07/04/2018 18:03:20	00:05:00.000	75.6	60.7	52.6
958	07/04/2018 18:08:20	00:05:00.000	67.4	55.6	50.6
959	07/04/2018 18:13:20	00:05:00.000	67.2	54.9	50.2
960	07/04/2018 18:18:20	00:05:00.000	73.6	55.7	50.4
961	07/04/2018 18:23:20	00:05:00.000	70.1	54.7	50.1
962	07/04/2018 18:28:20	00:05:00.000	67.1	55.4	51.1
963	07/04/2018 18:33:20	00:05:00.000	73.3	57.7	50.4
964	07/04/2018 18:38:20	00:05:00.000	69.2	53.2	49.6
965	07/04/2018 18:43:20	00:05:00.000	71.0	54.6	49.4
966	07/04/2018 18:48:20	00:05:00.000	72.2	56.5	51.2
967	07/04/2018 18:53:20	00:05:00.000	74.0	55.7	50.9
968	07/04/2018 18:58:20	00:05:00.000	70.0	56.7	51.1
969	07/04/2018 19:03:20	00:05:00.000	67.4	54.9	50.5
970	07/04/2018 19:08:20	00:05:00.000	67.5	55.8	50.1
971	07/04/2018 19:13:20	00:05:00.000	69.2	57.2	50.4
972	07/04/2018 19:18:20	00:05:00.000	61.8	53.0	49.4
973	07/04/2018 19:23:20	00:05:00.000	74.2	56.9	50.3
974	07/04/2018 19:28:20	00:05:00.000	68.7	55.1	50.2
975	07/04/2018 19:33:20	00:05:00.000	70.0	54.5	50.0
976	07/04/2018 19:38:20	00:05:00.000	72.0	55.6	49.9
977	07/04/2018 19:43:20	00:05:00.000	67.9	53.6	48.3
978	07/04/2018 19:48:20	00:05:00.000	69.0	57.8	49.3
979	07/04/2018 19:53:20	00:05:00.000	60.3	51.2	48.2
980	07/04/2018 19:58:20	00:05:00.000	71.8	56.8	49.5
981	07/04/2018 20:03:20	00:05:00.000	73.4	56.5	49.7
982	07/04/2018 20:08:20	00:05:00.000	73.9	53.5	47.3
983	07/04/2018 20:13:20	00:05:00.000	70.7	57.7	48.3
984	07/04/2018 20:18:20	00:05:00.000	70.9	55.1	49.2
985	07/04/2018 20:23:20	00:05:00.000	68.1	52.5	48.6
986	07/04/2018 20:28:20	00:05:00.000	62.5	51.2	48.2
987	07/04/2018 20:33:20	00:05:00.000	63.6	52.2	49.0
988	07/04/2018 20:38:20	00:05:00.000	75.6	58.4	48.7
989	07/04/2018 20:43:20	00:05:00.000	78.9	61.4	50.0

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
990	07/04/2018 20:48:20	00:05:00.000	66.4	53.4	48.7
991	07/04/2018 20:53:20	00:05:00.000	70.9	54.9	49.0
992	07/04/2018 20:58:20	00:05:00.000	68.7	55.8	49.6
993	07/04/2018 21:03:20	00:05:00.000	66.6	54.2	49.5
994	07/04/2018 21:08:20	00:05:00.000	65.7	52.4	48.3
995	07/04/2018 21:13:20	00:05:00.000	68.1	52.4	48.6
996	07/04/2018 21:18:20	00:05:00.000	64.5	52.7	49.0
997	07/04/2018 21:23:20	00:05:00.000	81.8	61.5	50.1
998	07/04/2018 21:28:20	00:05:00.000	81.9	60.8	52.6
999	07/04/2018 21:33:20	00:05:00.000	73.5	56.9	51.2
1000	07/04/2018 21:38:20	00:05:00.000	88.2	61.0	50.4
1001	07/04/2018 21:43:20	00:05:00.000	65.7	54.1	50.6
1002	07/04/2018 21:48:20	00:05:00.000	82.2	61.8	52.7
1003	07/04/2018 21:53:20	00:05:00.000	65.5	55.2	51.3
1004	07/04/2018 21:58:20	00:05:00.000	68.7	55.7	51.7
1005	07/04/2018 22:03:20	00:05:00.000	75.3	55.0	51.2
1006	07/04/2018 22:08:20	00:05:00.000	72.6	56.8	52.0
1007	07/04/2018 22:13:20	00:05:00.000	84.9	63.4	50.8
1008	07/04/2018 22:18:20	00:05:00.000	78.2	59.8	51.4
1009	07/04/2018 22:23:20	00:05:00.000	64.2	54.4	52.1
1010	07/04/2018 22:28:20	00:05:00.000	74.0	57.6	53.6
1011	07/04/2018 22:33:20	00:05:00.000	70.3	58.8	55.0
1012	07/04/2018 22:38:20	00:05:00.000	83.1	62.4	54.5
1013	07/04/2018 22:43:20	00:05:00.000	70.5	58.8	54.5
1014	07/04/2018 22:48:20	00:05:00.000	71.5	59.3	54.0
1015	07/04/2018 22:53:20	00:05:00.000	75.2	60.6	55.1
1016	07/04/2018 22:58:20	00:05:00.000	64.1	55.8	53.3
1017	07/04/2018 23:03:20	00:05:00.000	78.0	59.8	53.8
1018	07/04/2018 23:08:20	00:05:00.000	73.8	58.7	54.9
1019	07/04/2018 23:13:20	00:05:00.000	75.4	61.2	55.7
1020	07/04/2018 23:18:20	00:05:00.000	72.5	58.3	54.6
1021	07/04/2018 23:23:20	00:05:00.000	74.7	60.2	55.1
1022	07/04/2018 23:28:20	00:05:00.000	79.5	62.5	56.1
1023	07/04/2018 23:33:20	00:05:00.000	80.3	62.1	55.8
1024	07/04/2018 23:38:20	00:05:00.000	76.3	57.6	54.5
1025	07/04/2018 23:43:20	00:05:00.000	65.1	56.9	54.2
1026	07/04/2018 23:48:20	00:05:00.000	68.8	58.8	55.1
1027	07/04/2018 23:53:20	00:05:00.000	83.4	64.2	56.2
1028	07/04/2018 23:58:20	00:05:00.000	79.5	62.6	56.2
1029	08/04/2018 00:03:20	00:05:00.000	75.0	61.5	55.6
1030	08/04/2018 00:08:20	00:05:00.000	71.0	60.2	55.8
1031	08/04/2018 00:13:20	00:05:00.000	68.8	58.1	54.4
1032	08/04/2018 00:18:20	00:05:00.000	66.7	58.6	55.8

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1033	08/04/2018 00:23:20	00:05:00.000	68.6	59.1	55.8
1034	08/04/2018 00:28:20	00:05:00.000	71.2	59.4	54.7
1035	08/04/2018 00:33:20	00:05:00.000	85.5	68.0	55.6
1036	08/04/2018 00:38:20	00:05:00.000	69.1	57.8	54.6
1037	08/04/2018 00:43:20	00:05:00.000	74.4	61.3	54.3
1038	08/04/2018 00:48:20	00:05:00.000	73.5	59.3	53.8
1039	08/04/2018 00:53:20	00:05:00.000	82.0	64.5	54.8
1040	08/04/2018 00:58:20	00:05:00.000	88.6	66.0	55.4
1041	08/04/2018 01:03:20	00:05:00.000	76.6	60.4	55.0
1042	08/04/2018 01:08:20	00:05:00.000	82.8	67.4	58.2
1043	08/04/2018 01:13:20	00:05:00.000	80.8	65.4	54.7
1044	08/04/2018 01:18:20	00:05:00.000	65.8	55.2	52.5
1045	08/04/2018 01:23:20	00:05:00.000	71.1	56.8	52.4
1046	08/04/2018 01:28:20	00:05:00.000	87.5	66.4	55.6
1047	08/04/2018 01:33:20	00:05:00.000	79.8	58.5	52.7
1048	08/04/2018 01:38:20	00:05:00.000	70.7	56.7	52.1
1049	08/04/2018 01:43:20	00:05:00.000	66.4	55.3	51.9
1050	08/04/2018 01:48:20	00:05:00.000	74.2	59.4	52.1
1051	08/04/2018 01:53:20	00:05:00.000	67.1	55.0	51.9
1052	08/04/2018 01:58:20	00:05:00.000	77.4	57.7	52.6
1053	08/04/2018 02:03:20	00:05:00.000	73.6	58.0	51.7
1054	08/04/2018 02:08:20	00:05:00.000	69.6	55.4	51.0
1055	08/04/2018 02:13:20	00:05:00.000	71.0	57.6	50.4
1056	08/04/2018 02:18:20	00:05:00.000	72.5	57.0	50.7
1057	08/04/2018 02:23:20	00:05:00.000	75.0	59.7	52.7
1058	08/04/2018 02:28:20	00:05:00.000	74.0	57.8	52.2
1059	08/04/2018 02:33:20	00:05:00.000	81.6	63.4	54.1
1060	08/04/2018 02:38:20	00:05:00.000	84.6	65.4	54.4
1061	08/04/2018 02:43:20	00:05:00.000	73.3	54.8	49.3
1062	08/04/2018 02:48:20	00:05:00.000	68.6	51.5	48.5
1063	08/04/2018 02:53:20	00:05:00.000	69.9	54.5	48.8
1064	08/04/2018 02:58:20	00:05:00.000	69.6	56.1	51.1
1065	08/04/2018 03:03:20	00:05:00.000	75.7	59.2	52.1
1066	08/04/2018 03:08:20	00:05:00.000	69.1	57.2	53.2
1067	08/04/2018 03:13:20	00:05:00.000	72.8	57.3	50.0
1068	08/04/2018 03:18:20	00:05:00.000	69.1	51.6	47.1
1069	08/04/2018 03:23:20	00:05:00.000	61.7	49.7	46.2
1070	08/04/2018 03:28:20	00:05:00.000	59.8	47.9	44.7
1071	08/04/2018 03:33:20	00:05:00.000	70.7	52.1	44.9
1072	08/04/2018 03:38:20	00:05:00.000	78.3	57.5	44.7
1073	08/04/2018 03:43:20	00:05:00.000	62.4	48.0	44.9
1074	08/04/2018 03:48:20	00:05:00.000	64.5	49.1	44.8
1075	08/04/2018 03:53:20	00:05:00.000	63.1	47.5	44.0

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1076	08/04/2018 03:58:20	00:05:00.000	64.9	47.6	44.2
1077	08/04/2018 04:03:20	00:05:00.000	60.1	47.3	44.1
1078	08/04/2018 04:08:20	00:05:00.000	55.2	45.8	43.7
1079	08/04/2018 04:13:20	00:05:00.000	64.5	49.8	44.2
1080	08/04/2018 04:18:20	00:05:00.000	65.5	48.5	44.4
1081	08/04/2018 04:23:20	00:05:00.000	62.7	46.8	44.1
1082	08/04/2018 04:28:20	00:05:00.000	58.4	47.1	44.3
1083	08/04/2018 04:33:20	00:05:00.000	55.9	46.3	44.1
1084	08/04/2018 04:38:20	00:05:00.000	52.6	45.0	43.7
1085	08/04/2018 04:43:20	00:05:00.000	61.2	48.1	43.9
1086	08/04/2018 04:48:20	00:05:00.000	60.2	49.7	44.3
1087	08/04/2018 04:53:20	00:05:00.000	61.0	47.5	43.8
1088	08/04/2018 04:58:20	00:05:00.000	65.1	49.4	43.4
1089	08/04/2018 05:03:20	00:05:00.000	54.1	44.9	43.4
1090	08/04/2018 05:08:20	00:05:00.000	53.7	45.3	43.9
1091	08/04/2018 05:13:20	00:05:00.000	50.6	44.7	43.3
1092	08/04/2018 05:18:20	00:05:00.000	59.4	45.3	43.2
1093	08/04/2018 05:23:20	00:05:00.000	68.1	48.3	43.5
1094	08/04/2018 05:28:20	00:05:00.000	71.4	46.6	43.5
1095	08/04/2018 05:33:20	00:05:00.000	69.2	46.2	43.3
1096	08/04/2018 05:38:20	00:05:00.000	63.7	45.5	43.4
1097	08/04/2018 05:43:20	00:05:00.000	55.9	45.4	43.4
1098	08/04/2018 05:48:20	00:05:00.000	58.1	47.8	44.6
1099	08/04/2018 05:53:20	00:05:00.000	65.1	48.6	45.1
1100	08/04/2018 05:58:20	00:05:00.000	60.7	49.6	45.7
1101	08/04/2018 06:03:20	00:05:00.000	60.6	49.3	46.5
1102	08/04/2018 06:08:20	00:05:00.000	59.7	48.8	46.5
1103	08/04/2018 06:13:20	00:05:00.000	58.7	49.4	47.1
1104	08/04/2018 06:18:20	00:05:00.000	66.4	49.3	46.3
1105	08/04/2018 06:23:20	00:05:00.000	65.9	50.3	46.6
1106	08/04/2018 06:28:20	00:05:00.000	72.0	54.6	48.3
1107	08/04/2018 06:33:20	00:05:00.000	80.1	60.6	50.0
1108	08/04/2018 06:38:20	00:05:00.000	64.6	55.2	48.5
1109	08/04/2018 06:43:20	00:05:00.000	93.1	79.1	48.9
1110	08/04/2018 06:48:20	00:05:00.000	71.3	53.1	47.0
1111	08/04/2018 06:53:20	00:05:00.000	61.2	52.3	48.3
1112	08/04/2018 06:58:20	00:05:00.000	62.4	52.2	48.4
1113	08/04/2018 07:03:20	00:05:00.000	62.1	49.5	47.1
1114	08/04/2018 07:08:20	00:05:00.000	69.8	55.5	47.6
1115	08/04/2018 07:13:20	00:05:00.000	59.8	49.5	46.4
1116	08/04/2018 07:18:20	00:05:00.000	59.6	48.7	46.2
1117	08/04/2018 07:23:20	00:05:00.000	59.0	49.5	47.1
1118	08/04/2018 07:28:20	00:05:00.000	75.9	60.5	46.7

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1119	08/04/2018 07:33:20	00:05:00.000	73.0	63.4	58.5
1120	08/04/2018 07:38:20	00:05:00.000	75.4	59.3	47.9
1121	08/04/2018 07:43:20	00:05:00.000	78.6	51.5	45.4
1122	08/04/2018 07:48:20	00:05:00.000	75.3	57.9	45.6
1123	08/04/2018 07:53:20	00:05:00.000	61.7	49.3	46.1
1124	08/04/2018 07:58:20	00:05:00.000	56.6	48.7	45.3
1125	08/04/2018 08:03:20	00:05:00.000	62.7	49.7	44.4
1126	08/04/2018 08:08:20	00:05:00.000	68.0	48.0	44.0
1127	08/04/2018 08:13:20	00:05:00.000	62.5	47.9	44.2
1128	08/04/2018 08:18:20	00:05:00.000	62.4	48.6	44.3
1129	08/04/2018 08:23:20	00:05:00.000	60.0	47.6	44.1
1130	08/04/2018 08:28:20	00:05:00.000	69.3	58.2	45.0
1131	08/04/2018 08:33:20	00:05:00.000	71.0	54.4	49.6
1132	08/04/2018 08:38:20	00:05:00.000	62.1	48.2	44.9
1133	08/04/2018 08:43:20	00:05:00.000	61.2	48.8	45.6
1134	08/04/2018 08:48:20	00:05:00.000	68.2	49.8	45.1
1135	08/04/2018 08:53:20	00:05:00.000	72.2	52.0	47.3
1136	08/04/2018 08:58:20	00:05:00.000	68.4	49.8	44.8
1137	08/04/2018 09:03:20	00:05:00.000	75.7	53.1	44.7
1138	08/04/2018 09:08:20	00:05:00.000	74.1	51.8	44.5
1139	08/04/2018 09:13:20	00:05:00.000	73.9	51.1	45.0
1140	08/04/2018 09:18:20	00:05:00.000	65.1	52.1	45.2
1141	08/04/2018 09:23:20	00:05:00.000	71.0	48.9	44.9
1142	08/04/2018 09:28:20	00:05:00.000	68.4	50.9	45.1
1143	08/04/2018 09:33:20	00:05:00.000	75.3	53.1	44.6
1144	08/04/2018 09:38:20	00:05:00.000	65.9	48.4	45.0
1145	08/04/2018 09:43:20	00:05:00.000	61.1	49.9	46.1
1146	08/04/2018 09:48:20	00:05:00.000	71.1	55.4	46.9
1147	08/04/2018 09:53:20	00:05:00.000	75.6	54.1	47.0
1148	08/04/2018 09:58:20	00:05:00.000	72.1	53.8	47.8
1149	08/04/2018 10:03:20	00:05:00.000	75.9	56.3	46.3
1150	08/04/2018 10:08:20	00:05:00.000	60.5	50.0	45.9
1151	08/04/2018 10:13:20	00:05:00.000	63.4	51.0	46.6
1152	08/04/2018 10:18:20	00:05:00.000	56.8	49.1	45.6
1153	08/04/2018 10:23:20	00:05:00.000	70.8	52.4	47.6
1154	08/04/2018 10:28:20	00:05:00.000	73.8	53.0	48.3
1155	08/04/2018 10:33:20	00:05:00.000	67.2	52.8	48.6
1156	08/04/2018 10:38:20	00:05:00.000	70.9	51.7	47.5
1157	08/04/2018 10:43:20	00:05:00.000	91.3	78.6	49.5
1158	08/04/2018 10:48:20	00:05:00.000	72.1	57.8	50.0
1159	08/04/2018 10:53:20	00:05:00.000	60.9	53.1	49.5
1160	08/04/2018 10:58:20	00:05:00.000	68.6	54.0	49.0
1161	08/04/2018 11:03:20	00:05:00.000	62.7	51.8	48.4

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1162	08/04/2018 11:08:20	00:05:00.000	60.6	52.5	49.3
1163	08/04/2018 11:13:20	00:05:00.000	65.5	51.9	48.3
1164	08/04/2018 11:18:20	00:05:00.000	74.0	56.2	49.6
1165	08/04/2018 11:23:20	00:05:00.000	68.9	53.6	49.7
1166	08/04/2018 11:28:20	00:05:00.000	70.3	54.4	48.8
1167	08/04/2018 11:33:20	00:05:00.000	77.0	58.1	50.6
1168	08/04/2018 11:38:20	00:05:00.000	61.6	52.1	48.5
1169	08/04/2018 11:43:20	00:05:00.000	66.5	53.2	49.1
1170	08/04/2018 11:48:20	00:05:00.000	69.1	54.7	49.4
1171	08/04/2018 11:53:20	00:05:00.000	74.6	55.4	50.0
1172	08/04/2018 11:58:20	00:05:00.000	71.4	55.0	50.1
1173	08/04/2018 12:03:20	00:05:00.000	61.1	52.8	49.5
1174	08/04/2018 12:08:20	00:05:00.000	61.8	53.0	49.2
1175	08/04/2018 12:13:20	00:05:00.000	63.4	53.1	49.7
1176	08/04/2018 12:18:20	00:05:00.000	73.3	55.6	49.4
1177	08/04/2018 12:23:20	00:05:00.000	68.0	54.8	50.7
1178	08/04/2018 12:28:20	00:05:00.000	71.2	55.6	51.1
1179	08/04/2018 12:33:20	00:05:00.000	65.7	54.2	50.4
1180	08/04/2018 12:38:20	00:05:00.000	73.3	55.8	50.9
1181	08/04/2018 12:43:20	00:05:00.000	66.4	54.4	50.0
1182	08/04/2018 12:48:20	00:05:00.000	70.5	52.3	49.0
1183	08/04/2018 12:53:20	00:05:00.000	70.2	55.3	50.2
1184	08/04/2018 12:58:20	00:05:00.000	69.4	56.6	51.2
1185	08/04/2018 13:03:20	00:05:00.000	66.4	52.9	49.1
1186	08/04/2018 13:08:20	00:05:00.000	66.8	55.5	50.2
1187	08/04/2018 13:13:20	00:05:00.000	65.6	53.9	49.7
1188	08/04/2018 13:18:20	00:05:00.000	63.4	53.0	50.2
1189	08/04/2018 13:23:20	00:05:00.000	70.9	55.6	50.5
1190	08/04/2018 13:28:20	00:05:00.000	69.0	53.9	50.5
1191	08/04/2018 13:33:20	00:05:00.000	66.6	53.8	50.2
1192	08/04/2018 13:38:20	00:05:00.000	62.4	54.1	51.0
1193	08/04/2018 13:43:20	00:05:00.000	63.7	53.4	49.2
1194	08/04/2018 13:48:20	00:05:00.000	66.8	54.7	49.8
1195	08/04/2018 13:53:20	00:05:00.000	67.2	54.2	50.7
1196	08/04/2018 13:58:20	00:05:00.000	66.5	55.4	51.1
1197	08/04/2018 14:03:20	00:05:00.000	68.7	54.1	50.2
1198	08/04/2018 14:08:20	00:05:00.000	61.9	52.8	49.3
1199	08/04/2018 14:13:20	00:05:00.000	69.6	54.4	50.5
1200	08/04/2018 14:18:20	00:05:00.000	74.5	58.0	51.6
1201	08/04/2018 14:23:20	00:05:00.000	70.8	56.7	50.7
1202	08/04/2018 14:28:20	00:05:00.000	73.4	56.1	51.2
1203	08/04/2018 14:33:20	00:05:00.000	69.0	57.0	51.2
1204	08/04/2018 14:38:20	00:05:00.000	71.9	56.6	51.1

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1205	08/04/2018 14:43:20	00:05:00.000	64.9	54.4	50.0
1206	08/04/2018 14:48:20	00:05:00.000	67.3	55.0	50.7
1207	08/04/2018 14:53:20	00:05:00.000	67.0	56.2	51.8
1208	08/04/2018 14:58:20	00:05:00.000	67.2	57.1	52.4
1209	08/04/2018 15:03:20	00:05:00.000	77.2	57.3	52.3
1210	08/04/2018 15:08:20	00:05:00.000	66.1	55.4	51.9
1211	08/04/2018 15:13:20	00:05:00.000	78.8	60.3	53.3
1212	08/04/2018 15:18:20	00:05:00.000	76.8	61.5	53.3
1213	08/04/2018 15:23:20	00:05:00.000	72.1	56.2	52.5
1214	08/04/2018 15:28:20	00:05:00.000	70.9	54.1	51.3
1215	08/04/2018 15:33:20	00:05:00.000	65.7	54.2	52.0
1216	08/04/2018 15:38:20	00:05:00.000	67.3	55.0	52.0
1217	08/04/2018 15:43:20	00:05:00.000	67.4	56.4	52.3
1218	08/04/2018 15:48:20	00:05:00.000	70.5	57.1	52.9
1219	08/04/2018 15:53:20	00:05:00.000	65.7	54.5	51.8
1220	08/04/2018 15:58:20	00:05:00.000	82.1	60.8	53.3
1221	08/04/2018 16:03:20	00:05:00.000	69.2	56.1	52.1
1222	08/04/2018 16:08:20	00:05:00.000	67.3	54.9	51.3
1223	08/04/2018 16:13:20	00:05:00.000	63.7	54.5	51.3
1224	08/04/2018 16:18:20	00:05:00.000	62.4	54.4	51.0
1225	08/04/2018 16:23:20	00:05:00.000	72.2	57.2	51.0
1226	08/04/2018 16:28:20	00:05:00.000	77.8	56.1	51.0
1227	08/04/2018 16:33:20	00:05:00.000	67.3	54.8	51.0
1228	08/04/2018 16:38:20	00:05:00.000	60.2	51.9	48.7
1229	08/04/2018 16:43:20	00:05:00.000	70.4	53.3	48.6
1230	08/04/2018 16:48:20	00:05:00.000	67.2	53.5	49.4
1231	08/04/2018 16:53:20	00:05:00.000	70.0	54.8	50.1
1232	08/04/2018 16:58:20	00:05:00.000	75.0	58.3	51.0
1233	08/04/2018 17:03:20	00:05:00.000	71.6	55.1	50.2
1234	08/04/2018 17:08:20	00:05:00.000	69.7	55.4	50.0
1235	08/04/2018 17:13:20	00:05:00.000	69.6	55.9	49.4
1236	08/04/2018 17:18:20	00:05:00.000	65.9	53.6	48.1
1237	08/04/2018 17:23:20	00:05:00.000	70.6	53.9	47.7
1238	08/04/2018 17:28:20	00:05:00.000	65.9	53.1	49.4
1239	08/04/2018 17:33:20	00:05:00.000	60.0	50.8	47.9
1240	08/04/2018 17:38:20	00:05:00.000	67.1	50.9	47.4
1241	08/04/2018 17:43:20	00:05:00.000	80.2	57.9	47.2
1242	08/04/2018 17:48:20	00:05:00.000	72.5	54.4	47.6
1243	08/04/2018 17:53:20	00:05:00.000	67.3	53.7	48.1
1244	08/04/2018 17:58:20	00:05:00.000	72.4	53.4	48.5
1245	08/04/2018 18:03:20	00:05:00.000	63.0	52.5	48.5
1246	08/04/2018 18:08:20	00:05:00.000	64.6	53.9	47.7
1247	08/04/2018 18:13:20	00:05:00.000	76.4	53.6	47.1

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1248	08/04/2018 18:18:20	00:05:00.000	68.2	51.2	47.0
1249	08/04/2018 18:23:20	00:05:00.000	66.1	51.0	46.3
1250	08/04/2018 18:28:20	00:05:00.000	61.1	50.4	46.6
1251	08/04/2018 18:33:20	00:05:00.000	70.2	51.6	47.2
1252	08/04/2018 18:38:20	00:05:00.000	67.8	53.1	46.4
1253	08/04/2018 18:43:20	00:05:00.000	66.7	51.3	46.3
1254	08/04/2018 18:48:20	00:05:00.000	75.9	57.8	46.4
1255	08/04/2018 18:53:20	00:05:00.000	62.4	50.8	46.3
1256	08/04/2018 18:58:20	00:05:00.000	66.5	52.9	48.2
1257	08/04/2018 19:03:20	00:05:00.000	72.0	51.7	46.6
1258	08/04/2018 19:08:20	00:05:00.000	63.3	50.1	46.2
1259	08/04/2018 19:13:20	00:05:00.000	69.9	49.8	46.0
1260	08/04/2018 19:18:20	00:05:00.000	58.4	49.9	45.7
1261	08/04/2018 19:23:20	00:05:00.000	61.2	50.0	46.7
1262	08/04/2018 19:28:20	00:05:00.000	76.6	54.4	46.7
1263	08/04/2018 19:33:20	00:05:00.000	68.6	51.3	46.5
1264	08/04/2018 19:38:20	00:05:00.000	68.3	53.5	45.8
1265	08/04/2018 19:43:20	00:05:00.000	64.1	52.1	46.7
1266	08/04/2018 19:48:20	00:05:00.000	60.6	49.5	45.9
1267	08/04/2018 19:53:20	00:05:00.000	59.0	48.7	45.2
1268	08/04/2018 19:58:20	00:05:00.000	61.0	50.3	45.5
1269	08/04/2018 20:03:20	00:05:00.000	64.8	49.0	45.5
1270	08/04/2018 20:08:20	00:05:00.000	64.5	51.2	46.4
1271	08/04/2018 20:13:20	00:05:00.000	59.7	48.9	45.7
1272	08/04/2018 20:18:20	00:05:00.000	60.6	50.4	46.0
1273	08/04/2018 20:23:20	00:05:00.000	62.8	49.9	45.4
1274	08/04/2018 20:28:20	00:05:00.000	64.2	48.8	45.2
1275	08/04/2018 20:33:20	00:05:00.000	64.4	51.3	46.2
1276	08/04/2018 20:38:20	00:05:00.000	60.9	50.2	45.7
1277	08/04/2018 20:43:20	00:05:00.000	61.9	49.4	45.6
1278	08/04/2018 20:48:20	00:05:00.000	61.2	49.6	46.2
1279	08/04/2018 20:53:20	00:05:00.000	57.7	47.6	45.5
1280	08/04/2018 20:58:20	00:05:00.000	56.6	48.1	45.2
1281	08/04/2018 21:03:20	00:05:00.000	65.8	50.5	45.8
1282	08/04/2018 21:08:20	00:05:00.000	58.7	48.8	46.0
1283	08/04/2018 21:13:20	00:05:00.000	61.1	49.5	46.0
1284	08/04/2018 21:18:20	00:05:00.000	62.8	49.5	46.0
1285	08/04/2018 21:23:20	00:05:00.000	56.2	49.1	45.9
1286	08/04/2018 21:28:20	00:05:00.000	63.6	48.6	46.0
1287	08/04/2018 21:33:20	00:05:00.000	56.6	49.3	46.6
1288	08/04/2018 21:38:20	00:05:00.000	62.2	49.3	46.0
1289	08/04/2018 21:43:20	00:05:00.000	69.4	50.2	45.6
1290	08/04/2018 21:48:20	00:05:00.000	57.8	47.8	45.0

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1291	08/04/2018 21:53:20	00:05:00.000	63.5	49.5	45.3
1292	08/04/2018 21:58:20	00:05:00.000	73.8	52.0	45.7
1293	08/04/2018 22:03:20	00:05:00.000	57.8	48.1	45.2
1294	08/04/2018 22:08:20	00:05:00.000	69.9	56.1	45.0
1295	08/04/2018 22:13:20	00:05:00.000	72.7	53.8	45.2
1296	08/04/2018 22:18:20	00:05:00.000	59.5	48.1	45.2
1297	08/04/2018 22:23:20	00:05:00.000	57.0	47.9	45.1
1298	08/04/2018 22:28:20	00:05:00.000	74.8	54.2	46.0
1299	08/04/2018 22:33:20	00:05:00.000	60.6	50.1	46.3
1300	08/04/2018 22:38:20	00:05:00.000	62.3	49.0	45.5
1301	08/04/2018 22:43:20	00:05:00.000	58.7	47.4	45.2
1302	08/04/2018 22:48:20	00:05:00.000	63.0	48.2	45.3
1303	08/04/2018 22:53:20	00:05:00.000	56.9	47.2	45.2
1304	08/04/2018 22:58:20	00:05:00.000	68.7	50.6	45.4
1305	08/04/2018 23:03:20	00:05:00.000	63.9	50.9	45.0
1306	08/04/2018 23:08:20	00:05:00.000	60.8	48.0	45.0
1307	08/04/2018 23:13:20	00:05:00.000	68.7	49.4	45.1
1308	08/04/2018 23:18:20	00:05:00.000	67.8	48.9	44.7
1309	08/04/2018 23:23:20	00:05:00.000	69.3	48.9	44.9
1310	08/04/2018 23:28:20	00:05:00.000	67.6	48.9	45.0
1311	08/04/2018 23:33:20	00:05:00.000	67.6	49.0	44.6
1312	08/04/2018 23:38:20	00:05:00.000	70.0	48.8	44.5
1313	08/04/2018 23:43:20	00:05:00.000	72.3	51.7	45.2
1314	08/04/2018 23:48:20	00:05:00.000	68.7	50.2	44.6
1315	08/04/2018 23:53:20	00:05:00.000	66.4	49.8	44.7
1316	08/04/2018 23:58:20	00:05:00.000	82.1	61.2	45.2
1317	09/04/2018 00:03:20	00:05:00.000	76.9	55.2	44.4
1318	09/04/2018 00:08:20	00:05:00.000	63.3	46.0	43.7
1319	09/04/2018 00:13:20	00:05:00.000	59.9	47.3	44.1
1320	09/04/2018 00:18:20	00:05:00.000	77.5	50.5	44.3
1321	09/04/2018 00:23:20	00:05:00.000	73.9	50.8	44.8
1322	09/04/2018 00:28:20	00:05:00.000	64.4	50.7	44.2
1323	09/04/2018 00:33:20	00:05:00.000	60.0	47.5	44.6
1324	09/04/2018 00:38:20	00:05:00.000	61.1	46.1	44.1
1325	09/04/2018 00:43:20	00:05:00.000	64.3	48.2	44.1
1326	09/04/2018 00:48:20	00:05:00.000	61.7	48.2	44.0
1327	09/04/2018 00:53:20	00:05:00.000	59.9	45.0	43.7
1328	09/04/2018 00:58:20	00:05:00.000	69.2	51.4	43.4
1329	09/04/2018 01:03:20	00:05:00.000	53.6	44.7	43.3
1330	09/04/2018 01:08:20	00:05:00.000	48.5	44.4	43.2
1331	09/04/2018 01:13:20	00:05:00.000	57.7	44.8	43.4
1332	09/04/2018 01:18:20	00:05:00.000	70.0	48.7	43.2
1333	09/04/2018 01:23:20	00:05:00.000	77.0	57.8	43.6

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1334	09/04/2018 01:28:20	00:05:00.000	63.9	47.0	43.3
1335	09/04/2018 01:33:20	00:05:00.000	54.9	44.9	43.2
1336	09/04/2018 01:38:20	00:05:00.000	64.1	50.8	43.8
1337	09/04/2018 01:43:20	00:05:00.000	53.6	44.9	43.4
1338	09/04/2018 01:48:20	00:05:00.000	67.4	48.1	43.4
1339	09/04/2018 01:53:20	00:05:00.000	68.3	48.4	43.1
1340	09/04/2018 01:58:20	00:05:00.000	70.0	48.4	43.3
1341	09/04/2018 02:03:20	00:05:00.000	68.7	48.5	43.7
1342	09/04/2018 02:08:20	00:05:00.000	68.7	47.9	43.1
1343	09/04/2018 02:13:20	00:05:00.000	49.0	44.0	43.0
1344	09/04/2018 02:18:20	00:05:00.000	50.1	44.3	43.1
1345	09/04/2018 02:23:20	00:05:00.000	62.7	44.4	43.0
1346	09/04/2018 02:28:20	00:05:00.000	51.2	43.7	43.0
1347	09/04/2018 02:33:20	00:05:00.000	60.7	44.9	43.1
1348	09/04/2018 02:38:20	00:05:00.000	51.0	44.5	43.0
1349	09/04/2018 02:43:20	00:05:00.000	55.7	45.2	43.1
1350	09/04/2018 02:48:20	00:05:00.000	57.5	44.7	43.0
1351	09/04/2018 02:53:20	00:05:00.000	54.3	44.2	43.0
1352	09/04/2018 02:58:20	00:05:00.000	51.3	43.7	42.9
1353	09/04/2018 03:03:20	00:05:00.000	67.4	45.9	43.0
1354	09/04/2018 03:08:20	00:05:00.000	61.8	46.2	43.2
1355	09/04/2018 03:13:20	00:05:00.000	48.8	43.5	42.5
1356	09/04/2018 03:18:20	00:05:00.000	62.3	45.2	43.1
1357	09/04/2018 03:23:20	00:05:00.000	51.0	44.0	42.6
1358	09/04/2018 03:28:20	00:05:00.000	51.6	44.2	42.6
1359	09/04/2018 03:33:20	00:05:00.000	52.8	43.7	42.6
1360	09/04/2018 03:38:20	00:05:00.000	52.9	44.0	42.6
1361	09/04/2018 03:43:20	00:05:00.000	60.7	46.8	43.1
1362	09/04/2018 03:48:20	00:05:00.000	55.9	45.5	43.1
1363	09/04/2018 03:53:20	00:05:00.000	50.9	44.1	42.6
1364	09/04/2018 03:58:20	00:05:00.000	56.1	45.1	43.2
1365	09/04/2018 04:03:20	00:05:00.000	59.8	46.2	43.0
1366	09/04/2018 04:08:20	00:05:00.000	59.6	47.7	43.3
1367	09/04/2018 04:13:20	00:05:00.000	65.3	50.6	45.2
1368	09/04/2018 04:18:20	00:05:00.000	59.6	48.1	46.0
1369	09/04/2018 04:23:20	00:05:00.000	86.6	56.5	45.1
1370	09/04/2018 04:28:20	00:05:00.000	69.8	52.4	43.8
1371	09/04/2018 04:33:20	00:05:00.000	63.0	46.4	44.0
1372	09/04/2018 04:38:20	00:05:00.000	55.5	46.5	44.3
1373	09/04/2018 04:43:20	00:05:00.000	66.1	51.7	44.3
1374	09/04/2018 04:48:20	00:05:00.000	64.1	48.9	44.7
1375	09/04/2018 04:53:20	00:05:00.000	65.4	51.1	45.5
1376	09/04/2018 04:58:20	00:05:00.000	61.0	48.6	45.5

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Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1377	09/04/2018 05:03:20	00:05:00.000	67.5	52.8	46.3
1378	09/04/2018 05:08:20	00:05:00.000	56.2	49.3	46.6
1379	09/04/2018 05:13:20	00:05:00.000	63.9	51.4	47.1
1380	09/04/2018 05:18:20	00:05:00.000	81.8	63.3	47.4
1381	09/04/2018 05:23:20	00:05:00.000	66.5	52.8	47.9
1382	09/04/2018 05:28:20	00:05:00.000	63.3	50.4	47.4
1383	09/04/2018 05:33:20	00:05:00.000	57.7	50.2	47.5
1384	09/04/2018 05:38:20	00:05:00.000	65.8	53.5	49.5
1385	09/04/2018 05:43:20	00:05:00.000	61.6	51.3	48.3
1386	09/04/2018 05:48:20	00:05:00.000	84.1	66.2	49.8
1387	09/04/2018 05:53:20	00:05:00.000	79.5	59.1	49.5
1388	09/04/2018 05:58:20	00:05:00.000	58.1	49.7	47.0
1389	09/04/2018 06:03:20	00:05:00.000	58.7	48.9	46.6
1390	09/04/2018 06:08:20	00:05:00.000	61.3	51.1	46.0
1391	09/04/2018 06:13:20	00:05:00.000	67.9	61.1	47.3
1392	09/04/2018 06:18:20	00:05:00.000	76.9	64.1	51.3
1393	09/04/2018 06:23:20	00:05:00.000	64.5	55.2	49.9
1394	09/04/2018 06:28:20	00:05:00.000	85.4	64.8	48.1
1395	09/04/2018 06:33:20	00:05:00.000	69.5	52.9	46.6
1396	09/04/2018 06:38:20	00:05:00.000	81.0	57.8	47.6
1397	09/04/2018 06:43:20	00:05:00.000	67.6	53.6	46.9
1398	09/04/2018 06:48:20	00:05:00.000	63.8	52.9	47.5
1399	09/04/2018 06:53:20	00:05:00.000	73.2	56.4	47.7
1400	09/04/2018 06:58:20	00:05:00.000	64.0	51.6	48.4
1401	09/04/2018 07:03:20	00:05:00.000	75.9	53.8	48.1
1402	09/04/2018 07:08:20	00:05:00.000	74.3	55.8	48.2
1403	09/04/2018 07:13:20	00:05:00.000	73.3	57.3	48.9
1404	09/04/2018 07:18:20	00:05:00.000	74.6	55.6	48.4
1405	09/04/2018 07:23:20	00:05:00.000	65.1	52.6	48.2
1406	09/04/2018 07:28:20	00:05:00.000	88.4	69.8	49.4
1407	09/04/2018 07:33:20	00:05:00.000	92.9	77.0	57.1
1408	09/04/2018 07:38:20	00:05:00.000	67.1	58.8	49.1
1409	09/04/2018 07:43:20	00:05:00.000	74.2	52.6	48.8
1410	09/04/2018 07:48:20	00:05:00.000	72.0	57.4	50.0
1411	09/04/2018 07:53:20	00:05:00.000	64.9	56.2	52.1
1412	09/04/2018 07:58:20	00:05:00.000	68.9	57.0	50.9
1413	09/04/2018 08:03:20	00:05:00.000	62.8	51.9	49.2
1414	09/04/2018 08:08:20	00:05:00.000	62.3	54.7	50.7
1415	09/04/2018 08:13:20	00:05:00.000	69.4	56.8	50.9
1416	09/04/2018 08:18:20	00:05:00.000	68.7	52.9	49.7
1417	09/04/2018 08:23:20	00:05:00.000	68.3	56.5	51.9
1418	09/04/2018 08:28:20	00:05:00.000	72.9	56.9	50.2
1419	09/04/2018 08:33:20	00:05:00.000	64.0	52.1	48.8

Project: 22-24 Cross Street, Reading, RG1 1SN
Client: Bluebird Engineering

Date: 13/06/2018
Reference: 20180606_4187_FSIR_001.docx

Run No.	Start date & time	Duration	LAFmax	LAeq	LAF90
1420	09/04/2018 08:38:20	00:05:00.000	71.6	55.0	50.6
1421	09/04/2018 08:43:20	00:05:00.000	67.4	53.6	50.4
1422	09/04/2018 08:48:20	00:05:00.000	66.7	54.6	50.2
1423	09/04/2018 08:53:20	00:05:00.000	72.6	55.4	50.1
1424	09/04/2018 08:58:20	00:05:00.000	69.8	55.7	49.9
1425	09/04/2018 09:03:20	00:05:00.000	75.3	55.1	49.9
1426	09/04/2018 09:08:20	00:05:00.000	67.7	57.0	50.4
1427	09/04/2018 09:13:20	00:05:00.000	79.1	57.0	50.1
1428	09/04/2018 09:18:20	00:05:00.000	69.8	54.0	49.7
1429	09/04/2018 09:23:20	00:05:00.000	68.2	57.0	50.7
1430	09/04/2018 09:28:20	00:05:00.000	73.2	57.6	50.1
1431	09/04/2018 09:33:20	00:05:00.000	66.4	54.2	50.2
1432	09/04/2018 09:38:20	00:05:00.000	72.6	55.1	49.2
1433	09/04/2018 09:43:20	00:05:00.000	71.3	58.1	52.4
1434	09/04/2018 09:48:20	00:05:00.000	68.9	57.7	51.4
1435	09/04/2018 09:53:20	00:05:00.000	64.9	54.6	49.4
1436	09/04/2018 09:58:20	00:05:00.000	73.8	55.2	51.2
