

Appendix 2 Satellite Location Noise Measurements

Location P2

Land rear of Crescent Parade, Uxbridge Road, Hillingdon UB10 OLG

Hardware Configuration

Device Info: XL2, SNo. A2A-12286-E0, FW3.31
 Mic Type: NTi Audio M2230, SNo. 6489, User calibrated 2017-08-18 16:00
 Mic Sensitivity: 38.4 mV/Pa
 Time Zone: UTC+00:00 (Europe/London)

Measurement Setup

Profile: Full mode
 Append mode: OFF
 Timer mode: repeat sync
 Timer set: 00:15:00
 k1: 0.0 dB
 k2: 0.0 dB
 kset Date: k-Values not measured
 Range: 20 - 120 dB

Broadband Results

Start Date [YYYY-MM-DD]	Time [hh:mm:ss]	Stop Date [YYYY-MM-DD]	Time [hh:mm:ss]	L _{Aeq} [dB]	L _{CPKmax} [dB]	L _{AFmax} [dB]
01/11/2017	12:25:44	01/11/2017	12:30:00	51.5	90.5	64.1
01/11/2017	12:30:00	01/11/2017	12:45:00	56	94	71.5
01/11/2017	12:45:00	01/11/2017	13:00:00	59.1	97.7	73.3
01/11/2017	13:00:00	01/11/2017	13:15:00	53.7	92.9	71.8
01/11/2017	13:15:00	01/11/2017	13:30:00	59.3	109	86.7
01/11/2017	13:30:00	01/11/2017	13:45:00	57.7	93.1	73
01/11/2017	13:45:00	01/11/2017	14:00:00	54.2	96.7	70.5
01/11/2017	14:00:00	01/11/2017	14:15:00	54.9	95.1	72.1
01/11/2017	14:15:00	01/11/2017	14:30:00	54.6	96.6	72.9
01/11/2017	14:30:00	01/11/2017	14:45:00	62	98	75.8
01/11/2017	14:45:00	01/11/2017	15:00:00	54.3	89.7	69.3
01/11/2017	15:00:00	01/11/2017	15:15:00	58.5	103.3	80.1
01/11/2017	15:15:00	01/11/2017	15:30:00	57.8	111.1	87.6
01/11/2017	15:30:00	01/11/2017	15:45:00	55.9	98.8	71.2
01/11/2017	15:45:00	01/11/2017	16:00:00	61	96.2	80.2
01/11/2017	16:00:00	01/11/2017	16:00:02	51.7	76.6	52.5

yard activity

L_{10,3-hr}

61.9

L_{10,18-hr}

60.9

no yard activity

L_{10,3-hr}

57.9

L_{10,18-hr}

56.9

yard activity

L_{Aeq,1-hour}

63.6

57.6

65.0

59.0

no yard activity

L_{Aeq,1-hour}

61.6

55.6

63.8

57.8

rt.txt

LAFmin	LAF90.0%	LAF10.0%
[dB]	[dB]	[dB]
46.5	48.3	53.6
48	51.3	57.4
50	52.4	63.5
49.6	51.3	55.2
50.5	52.7	63.1
48.9	51.3	63.1
48.3	50.8	55.5
48	50.9	56.2
48.7	50.6	56.5
52.9	54.7	65.1
48.5	51	55.8
48.7	51	62.4
49	51.1	58.8
49.5	52.1	58.2
47.3	50	64
50.6	50.9	52.2