

EMC Technologies Report Number: M071019_Cert_MC8781_C2PC

APPENDIX F

Conducted and Radiated Emissions Plots

EMC Technologies Pty. Ltd. - Global Product Certification

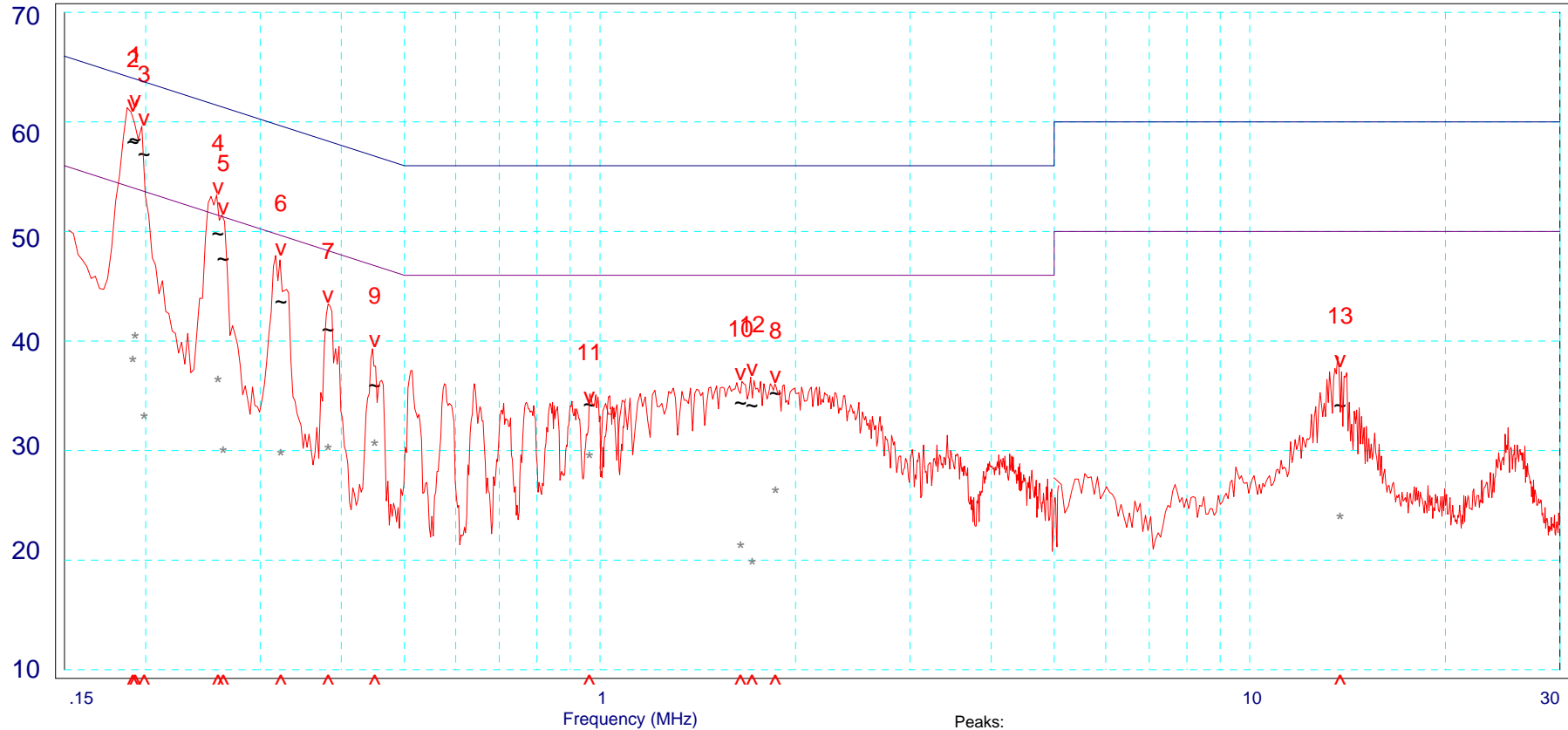
Conducted Emissions (dBUV)

Job No:m071019

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Test Date: 07-11-07

GRAPH No. 1



Fujitsu Australia
Puffin

Conducted Emissions - Active Line

Limits:
 FCC_BQPn FCC PART 15 CLASS B CONDUCTED QP LIMITS (2002)
 FCC_BAVN FCC PART 15 CLASS B CONDUCTED AVERAGE LIMIT (2002)

Legend:
 Active Line

Ver 5.5 Build 154
 conducted new lab 2 using L- 22 LISN
 t:L0220608 c1:C1450308 c2:C1550607 p:NONE a:L0180308
 Site ID: Room#5,176 Harrick Rd, Keilor Park,Vic
 Test Officer:Kevin Hansen

Source:
 M071019d , 2 , 3

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia
 Phone+(613) 9335 3333 Fax+(613) 9338 9260

Peaks:

No	Freq (MHz)	Peak (dBUV)	QP Val (dBUV)	FCC_BQPn (dBUV)	dL1 (dB)	Av Val (dBUV)	FCC_BAVN (dBUV)	dL2 (dB)
1	0.193	61.3	57.7	63.9	-6.2	39.2	53.9	-14.7
2	0.191	60.9	57.5	64.0	-6.5	37.0	54.0	-17.0
3	0.199	59.6	56.4	63.7	-7.3	31.9	53.7	-21.8
4	0.259	53.3	49.2	61.5	-12.3	35.2	51.5	-16.3
5	0.263	51.5	46.8	61.3	-14.5	28.8	51.3	-22.5
6	0.323	47.8	42.9	59.6	-16.7	28.5	49.6	-21.1
7	0.382	43.4	40.4	58.2	-17.8	29.0	48.2	-19.2
8	1.863	36.1	34.6	56.0	-21.4	25.1	46.0	-20.9
9	0.450	39.3	35.3	56.9	-21.6	29.4	46.9	-17.5
10	1.646	36.3	33.7	56.0	-22.3	20.1	46.0	-25.9
11	0.964	34.2	33.5	56.0	-22.5	28.3	46.0	-17.7
12	1.715	36.7	33.5	56.0	-22.5	18.6	46.0	-27.4
13	13.77	37.5	33.5	60.0	-26.5	22.7	50.0	-27.3

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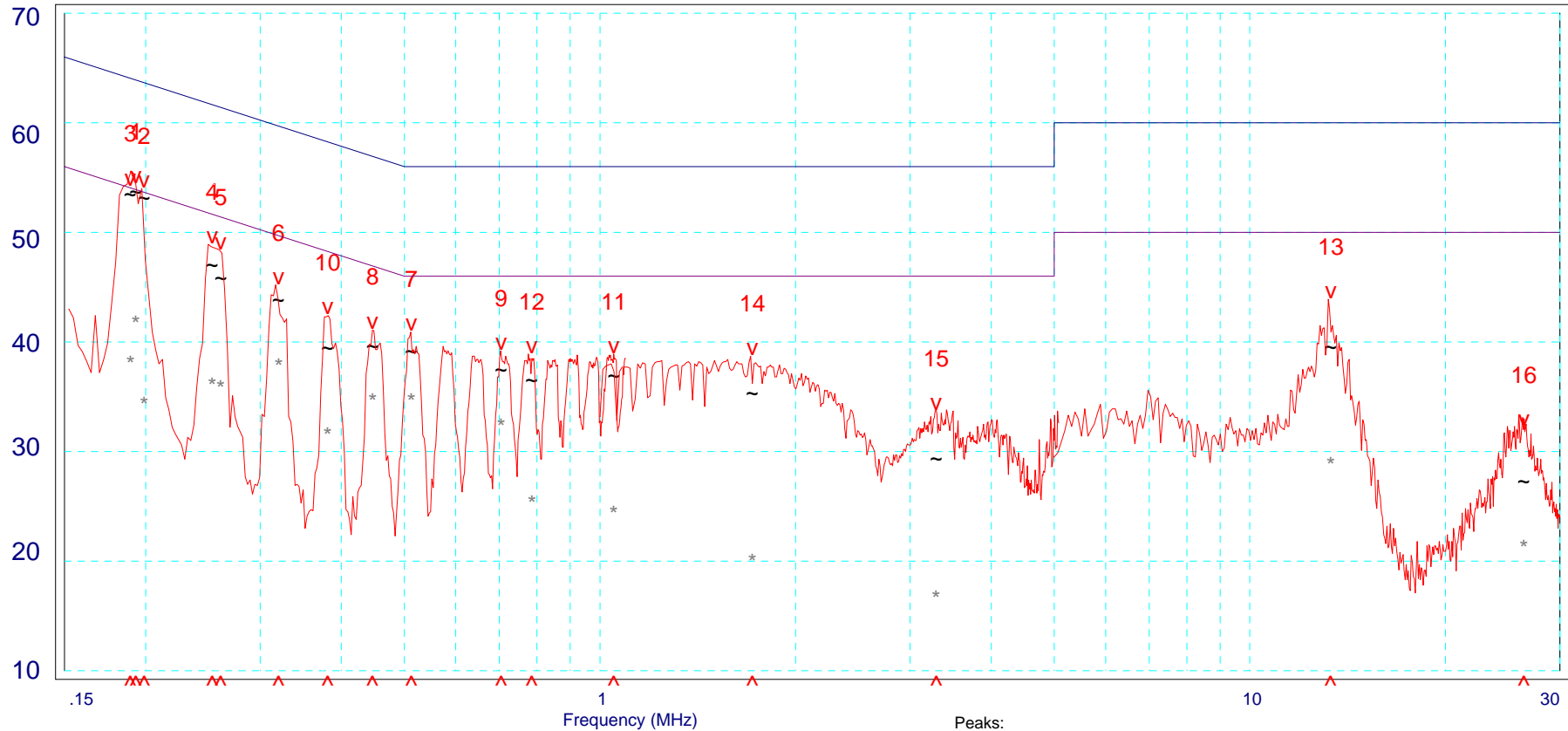
Conducted Emissions (dBuV)

Job No:m071019

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Test Date: 07-11-07

GRAPH No. 2



Fujitsu Australia
Puffin

Conducted Emissions - Neutral Line

Limits:
 FCC_BQPN FCC PART 15 CLASS B CONDUCTED QP LIMITS (2002)
 FCC_BAVN FCC PART 15 CLASS B CONDUCTED AVERAGE LIMIT (2002)

Legend:
 — Neutral Line

Ver 5.5 Build 154
 conducted new lab 2 using L- 22 LISN
 t:L0220608 c1:C1450308 c2:C1550607 p:NONE a:L0180308
 Site ID: Room#5,176 Harrick Rd, Keilor Park,Vic
 Test Officer:Kevin Hansen

Source:
 M071019 , 5 , 6

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia
 Phone+(613) 9335 3333 Fax+(613) 9338 9260

Peaks:

No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQPN (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	0.193	54.4	53.1	63.9	-10.8	40.8	53.9	-13.1
2	0.199	54.0	52.5	63.7	-11.2	33.4	53.7	-20.3
3	0.190	54.2	52.8	64.1	-11.2	37.1	54.1	-17.0
4	0.253	48.9	46.4	61.6	-15.3	35.1	51.6	-16.5
5	0.261	48.4	45.1	61.4	-16.3	34.9	51.4	-16.5
6	0.320	45.2	43.1	59.7	-16.6	36.9	49.7	-12.8
7	0.513	40.9	38.5	56.0	-17.5	33.7	46.0	-12.3
8	0.447	41.1	39.0	56.9	-18.0	33.7	46.9	-13.2
9	0.705	39.2	36.8	56.0	-19.2	31.4	46.0	-14.6
10	0.381	42.4	38.8	58.3	-19.4	30.6	48.3	-17.7
11	1.051	38.9	36.3	56.0	-19.7	23.4	46.0	-22.6
12	0.785	38.9	35.9	56.0	-20.1	24.4	46.0	-21.6
13	13.32	43.9	38.9	60.0	-21.1	27.9	50.0	-22.1
14	1.716	38.7	34.7	56.0	-21.3	19.1	46.0	-26.9
15	3.292	33.7	28.7	56.0	-27.3	15.7	46.0	-30.3
16	26.40	32.2	26.7	60.0	-33.4	20.3	50.0	-29.7

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Job No:m071019

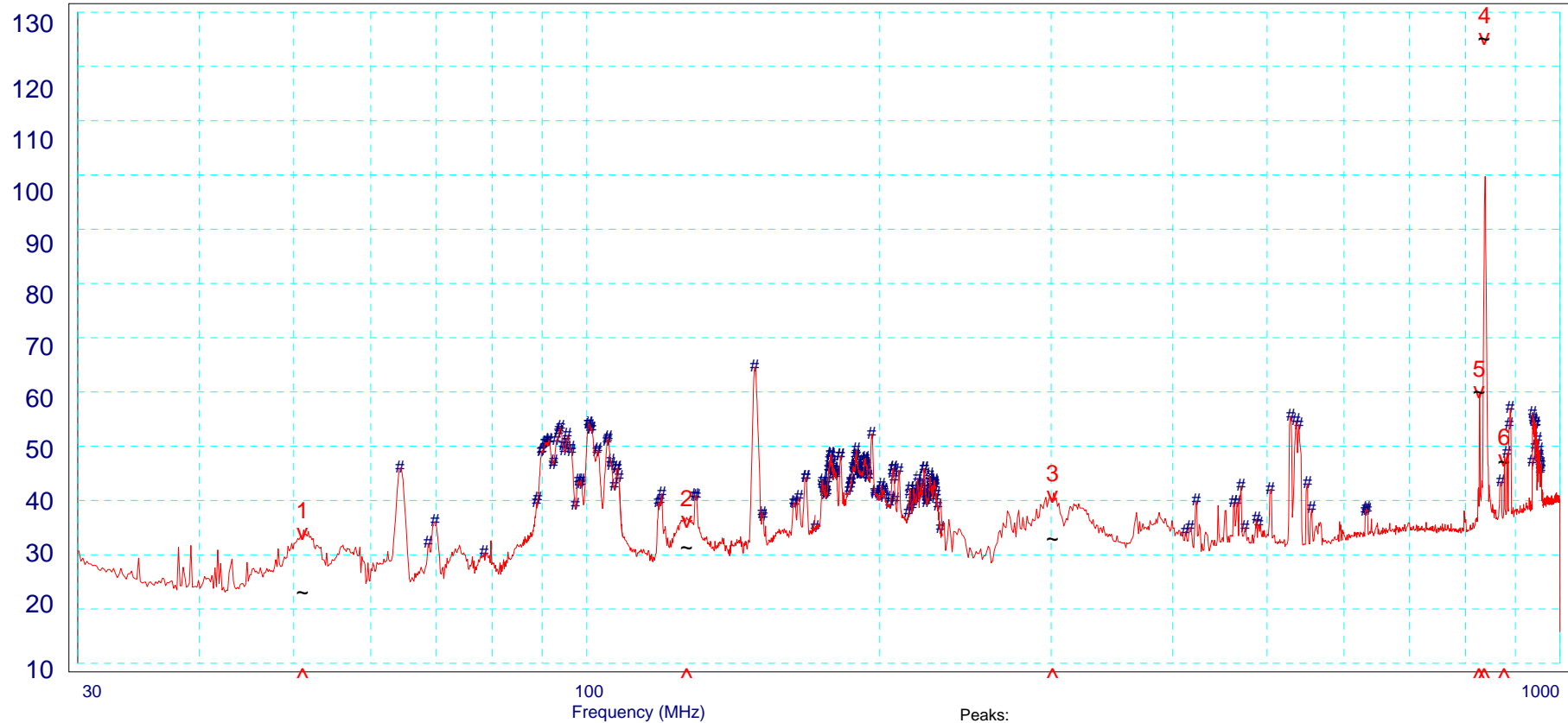
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Test Date: 26-10-07

GRAPH No. 3

Radiated Emissions (dBuV/m)

= Ambient



Peaks:

No	Freq (MHz)	Peak (dBuV/m)	QP Val	(dBuV/m)	dL1 (dB)
1	51.06	34.6	23.7	.0	23.7
2	126.70	36.8	32.1	.0	32.1
3	300.98	41.4	33.6	.0	33.6
4	836.10	125.8	125.8	.0	125.8
5	825.85	60.6	60.6	.0	60.6
6	876.08	48.1	47.7	.0	47.7

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Radiated Emissions - Vertical Polarity

Limits:

Legend:

— Vertical Emissions

Ver 5.5 Build 154

radiated emissions site 1 lerderg

t:A1360708_10M c1:C1311107 c2:C2600707 p:NONE a:NONE

Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC

Test Officer:Chieu Huynh

Source:

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EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia
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Radiated Emissions (dBuV/m)
= Ambient

Job No:m071019

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Test Date: 26-10-07

GRAPH No. 4



Peaks:

No	Freq (MHz)	Peak (dBuV/m)	QP Val	(dBuV/m)	dL1 (dB)
1	86.28	31.2	23.6	.0	23.6
2	170.90	34.5	27.9	.0	27.9
3	185.39	42.0	35.6	.0	35.6
4	198.96	40.7	32.7	.0	32.7
5	836.27	126.5	126.5	.0	126.5
6	825.93	61.0	61.0	.0	61.0
7	875.99	56.9	56.9	.0	56.9

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Radiated Emissions - Horizontal Polarity

Limits:

Legend:

— Horizontal Emissions

Ver 5.5 Build 154

radiated emissions site 1 lerderg

t:A1360708_10M c1:C1311107 c2:C2600707 p:NONE a:NONE

Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC

Test Officer:Chieu Huynh

Source:

m071019\38 ,39 ,40 ,41 ,42 ,13 ,14 ,16

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