

**APPENDIX F**  
**PLOTS OF EMI MEASUREMENT**

# EMC Technologies Pty. Ltd. - Global Product Certification

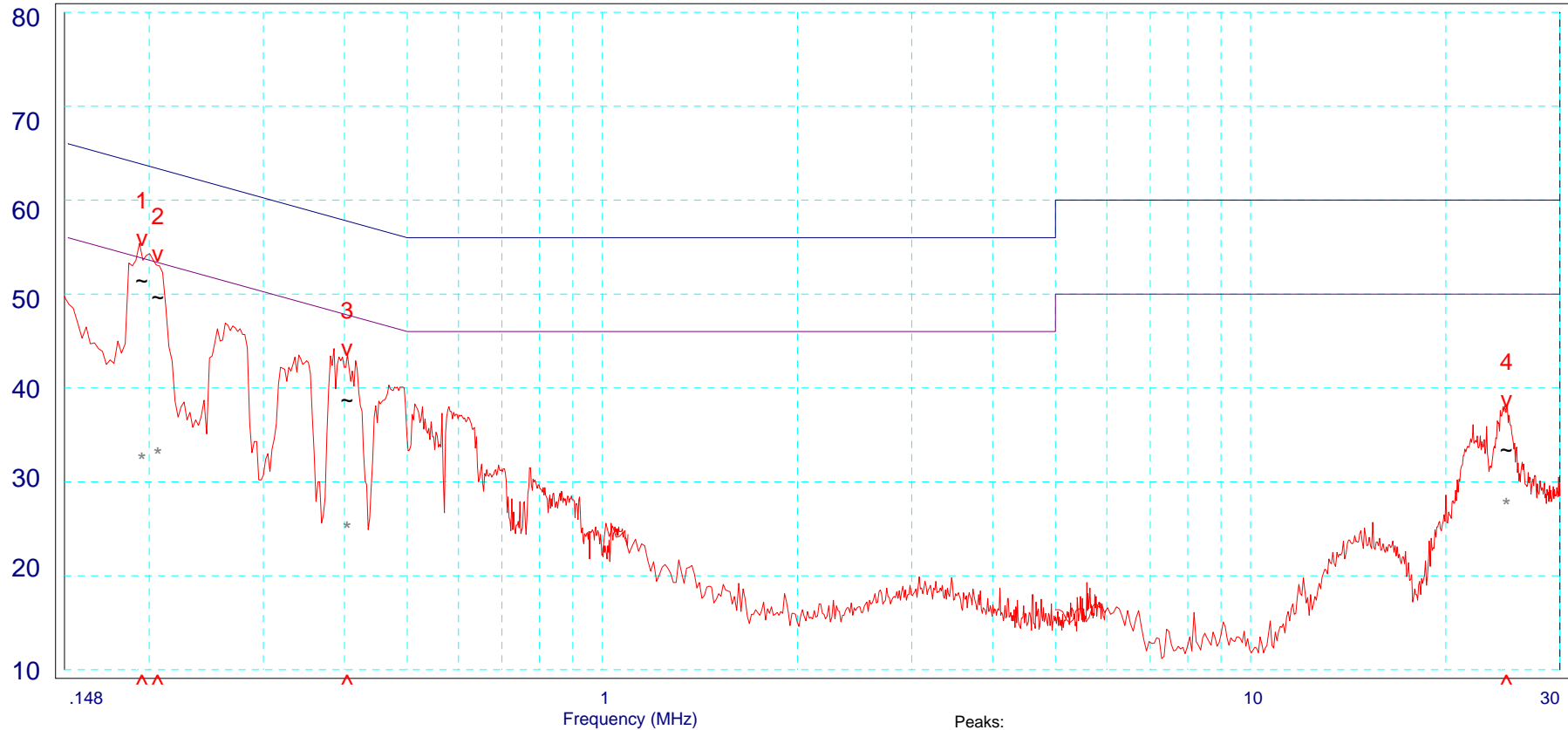
Conducted Emissions (dBuV)

Job No:m080759

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Test Date: 31/07/08

GRAPH No. 1



Peaks:

No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQPN (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	0.195	55.4	51.0	63.8	-12.8	31.6	53.8	-22.2
2	0.206	53.6	49.2	63.4	-14.2	32.1	53.4	-21.3
3	0.404	43.7	38.3	57.8	-19.5	24.2	47.8	-23.6
4	24.80	38.2	33.0	60.0	-27.0	26.7	50.0	-23.3

Fujitsu Australia

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 emissions site 1 lerderderg

t:L0450708 c1:C1560308 c2:C1610308 p:NONE a:NONE

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

Test Officer:Chieu Huynh

Source:

M080759\31 ,32 ,33

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia

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# EMC Technologies Pty. Ltd. - Global Product Certification

Conducted Emissions (dBuV)

Job No:m080759

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Test Date: 31/07/08

GRAPH No. 2



Fujitsu Australia

Conducted Emisions - 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 emissions site 1 lerderderg  
 t:L0450708 c1:C1560308 c2:C1610308 p:NONE a:NONE  
 Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC  
 Test Officer:Chieu Huynh

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia  
 Phone+(613) 9365 1000 Fax+(613) 9331 7455

Peaks:

No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQPN (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	0.194	62.2	58.9	63.8	-4.9	39.4	53.8	-14.4
2	0.198	59.7	57.2	63.7	-6.5	39.4	53.7	-14.3
3	0.206	57.3	52.3	63.3	-11.0	34.5	53.3	-18.8
4	0.191	57.7	52.0	64.0	-12.0	29.9	54.0	-24.1
5	0.267	51.1	43.5	61.2	-17.7	25.2	51.2	-26.0
6	0.256	52.3	42.6	61.6	-19.0	20.4	51.6	-31.2
7	0.396	44.6	37.9	57.9	-20.0	22.3	47.9	-25.6
8	24.60	39.3	33.7	60.0	-26.3	27.6	50.0	-22.4

# EMC Technologies Pty. Ltd. - Global Product Certification

Job No:m080719

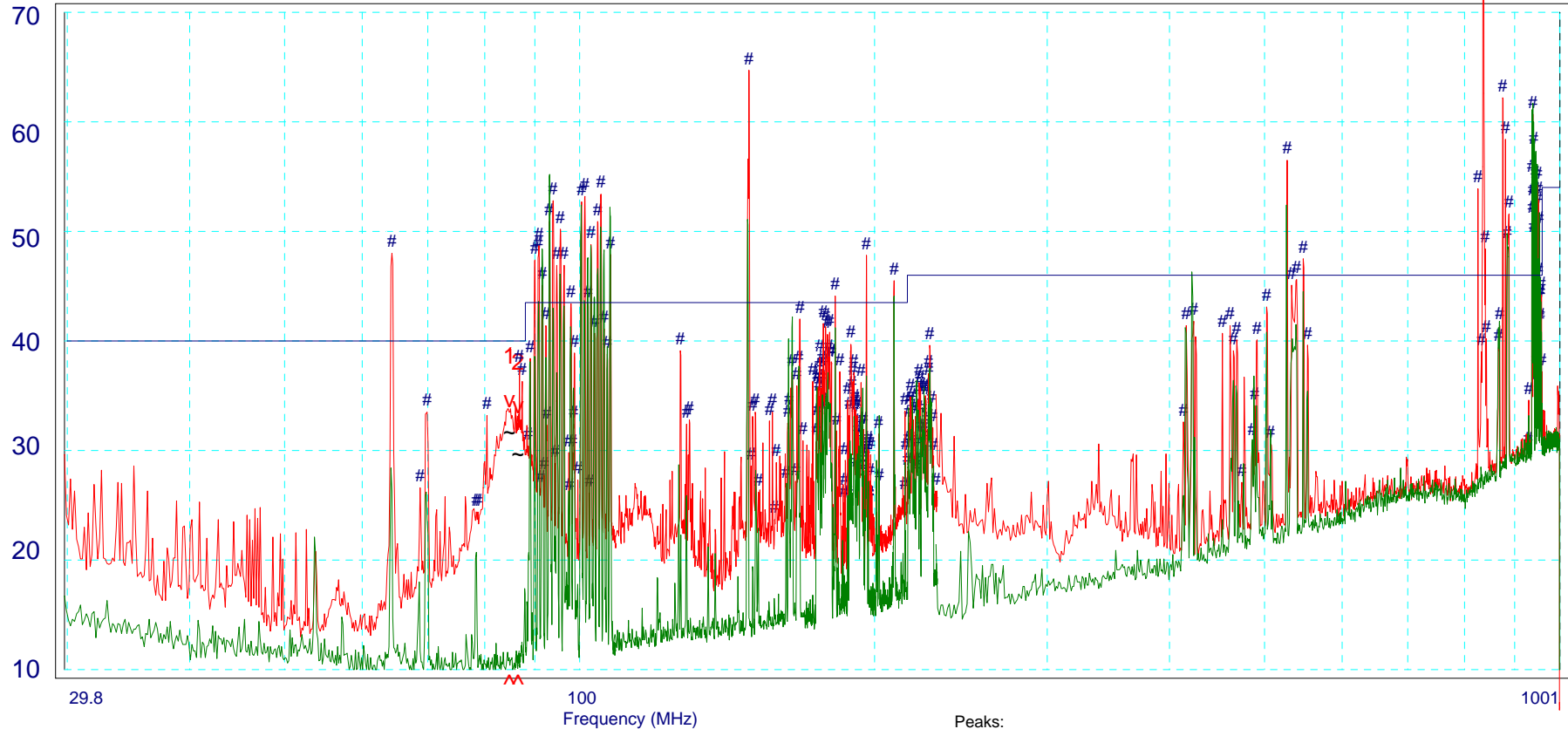
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Radiated Emissions (dBuV/m)

Test Date: 31/07/08

GRAPH No. 3

# = Ambient



Peaks:

No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCC-B3 (dBuV/m)	dL1 (dB)
1	84.80	33.8	31.0	40.0	-9.0
2	86.53	33.3	29.0	40.0	-11.0

Fujitsu Australia  
UMTS

Radiated Emissions - Vertical Polarity

Limits:  
FCC-B3      FCC CLASS B RAD 3M LIMITS

Legend:  
— Vertical Emissions

Ver 5.5 Build 154  
radiated emissions site 1 lerderg  
t:A1360708\_10M c1:C1311208 c2:C2601208 p:NONE a:NONE  
Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh

Source:  
M080759r12 , 8 , 9 , 10 , 11 , 4 , 5 , 6

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# EMC Technologies Pty. Ltd. - Global Product Certification

Job No:m080719

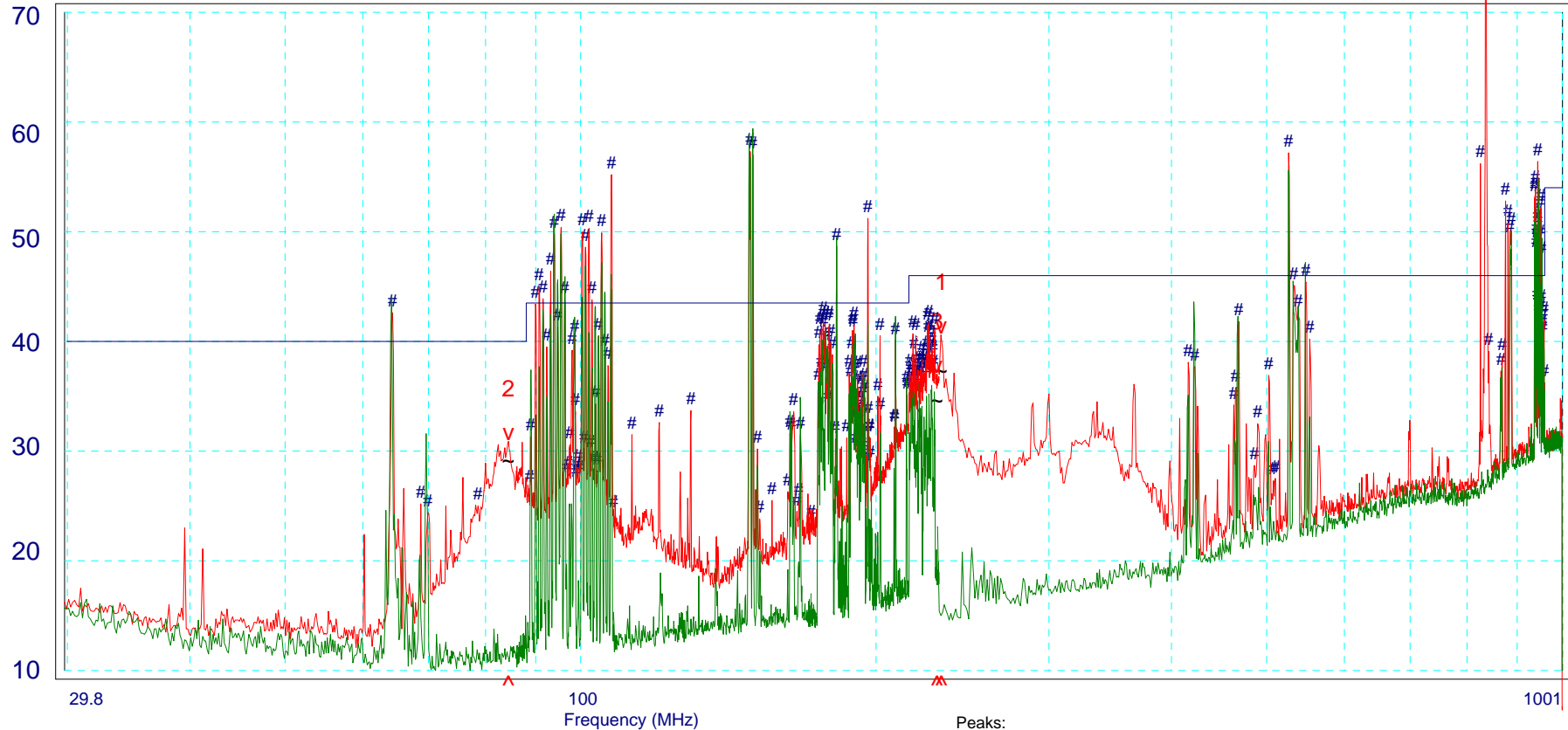
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Test Date: 31/07/08

GRAPH No. 4

Radiated Emissions (dBuV/m)

# = Ambient



Peaks:

No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCC-B3 (dBuV/m)	dL1 (dB)
1	233.04	40.6	36.7	46.0	-9.3
2	84.43	30.9	28.5	40.0	-11.5
3	230.70	37.1	33.9	46.0	-12.1

Fujitsu Australia  
UMTS

Radiated Emissions - Horizontal Polarity

Limits:  
FCC-B3      FCC CLASS B RAD 3M LIMITS

Legend:  
— Horizontal Emissions

Ver 5.5 Build 154  
radiated emissions site 1 lerdererg  
t:A1360708\_10M c1:C1311208 c2:C2601208 p:NONE a:NONE  
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh

Source:  
M080759r13 , 14 , 15 , 16 , 17 , 1 , 2 , 3

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