

APPENDIX G

PLOTS OF EMI MEASUREMENT

EMC Technologies Pty. Ltd. - Global Product Certification

Conducted Emissions (dBuV)

Job No:m080613

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Test Date: 24/06/08

GRAPH No. 1



Fujitsu Australia

Conducted Emisissions - 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:Lee Hopkins

Source:
M080613#52 ,53 ,54

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	53.1	49.8	63.8	-14.1	21.3	53.8	-32.5
2	0.468	39.7	36.1	56.6	-20.5	21.5	46.6	-25.1
3	0.257	45.0	40.5	61.5	-21.0	16.8	51.5	-34.7
4	0.325	39.9	36.1	59.6	-23.5	14.8	49.6	-34.8
5	0.418	37.8	33.4	57.5	-24.1	16.2	47.5	-31.3
6	0.529	34.9	29.4	56.0	-26.6	14.7	46.0	-31.3
7	23.68	34.1	29.5	60.0	-30.5	22.9	50.0	-27.1

EMC Technologies Pty. Ltd. - Global Product Certification

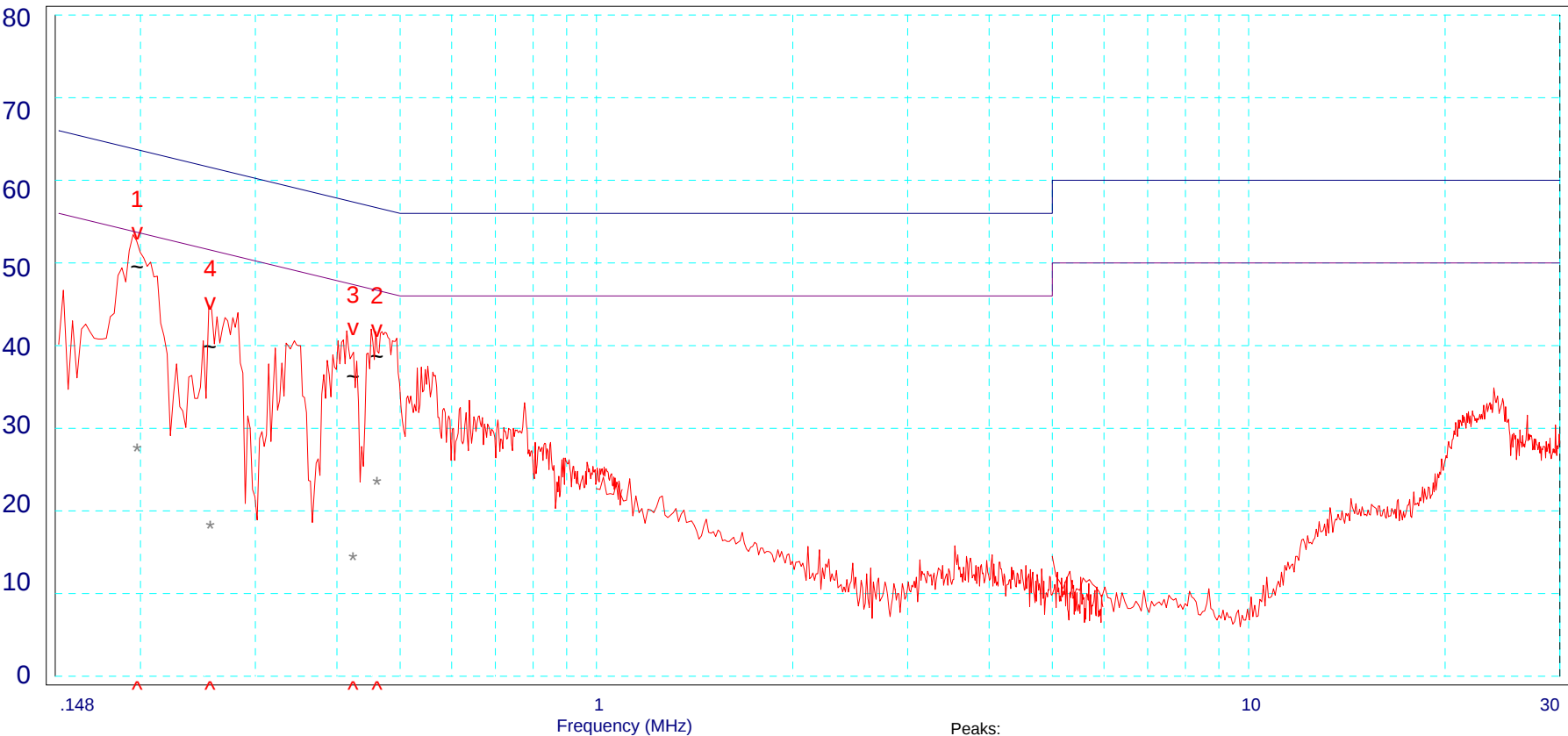
Conducted Emissions (dBUV)

Job No:m080613

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Test Date: 24/06/08

GRAPH No. 2



Fujitsu Australia

Conducted Emisissions - 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:Lee Hopkins

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

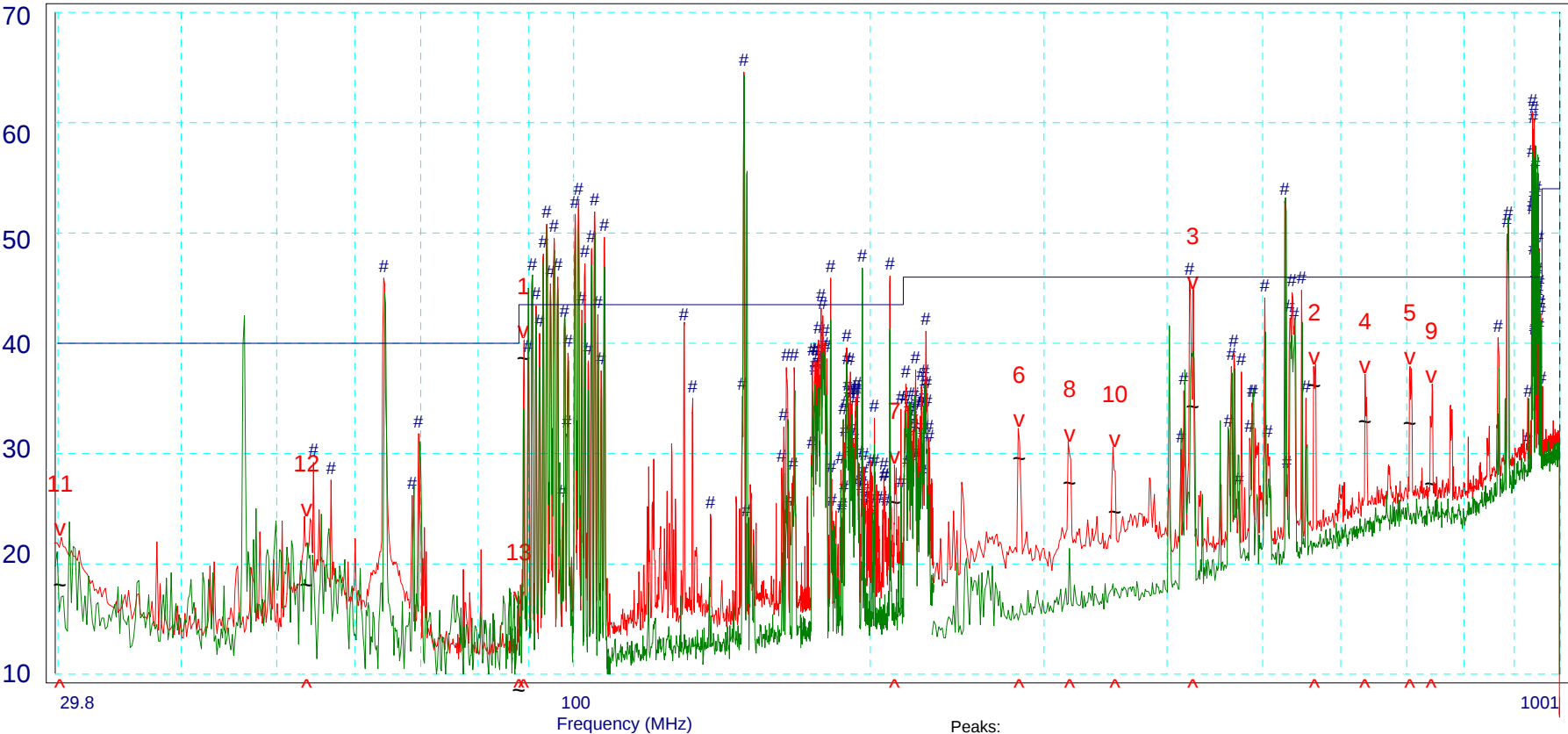
Peaks:								
No	Freq (MHz)	Peak (dBUV)	QP Val (dBUV)	FCC_BQPN (dBUV)	dL1 (dB)	Av Val (dBUV)	FCC_BAVN (dBUV)	dL2 (dB)
1	0.198	53.4	49.2	63.7	-14.5	26.8	53.7	-26.9
2	0.461	41.7	38.3	56.7	-18.4	22.7	46.7	-24.0
3	0.424	41.8	35.9	57.4	-21.5	13.6	47.4	-33.8
4	0.256	44.9	39.5	61.6	-22.1	17.4	51.6	-34.2

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Radiated Emissions (dBUV/m)
= Ambient

Job No:m080613 p:\PCF\m080613_3.PCF
Test Date: 23/06/08

GRAPH No. 3



Fujitsu Australia
FM Tx - Tune to 89 MHz

Radiated Emissions - Vertical Polarity

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

Ver 5.5 Build 154
radiated emissions site 1 lerderderg
t:A1360708_10M c1:C1311208 c2:C2601208 p:NONE a:NONE
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Lee Hopkins

Legend:
— Vertical Emissions

Source:
M08061314 , 19 , 16 , 1 , 2 , 13 , 8 , 9

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/m)	QP Val	FCC-B3 (dBUV/m)	dL1 (dB)
1	88.98	40.4	37.9	43.5	-5.7
2	564.07	38.0	35.4	46.0	-10.6
3	424.77	44.9	33.4	46.0	-12.6
4	634.84	37.2	32.1	46.0	-13.9
5	705.09	38.0	32.0	46.0	-14.0
6	283.15	32.4	28.8	46.0	-17.2
7	211.54	29.0	24.8	43.5	-18.8
8	318.50	31.0	26.5	46.0	-19.5
9	741.21	36.3	26.5	46.0	-19.5
10	354.07	30.6	23.9	46.0	-22.1
11	30.13	22.5	17.3	40.0	-22.7
12	53.60	24.3	17.3	40.0	-22.7
13	88.00	16.3	7.7	43.5	-35.8

EMC Technologies Pty. Ltd. - Global Product Certification

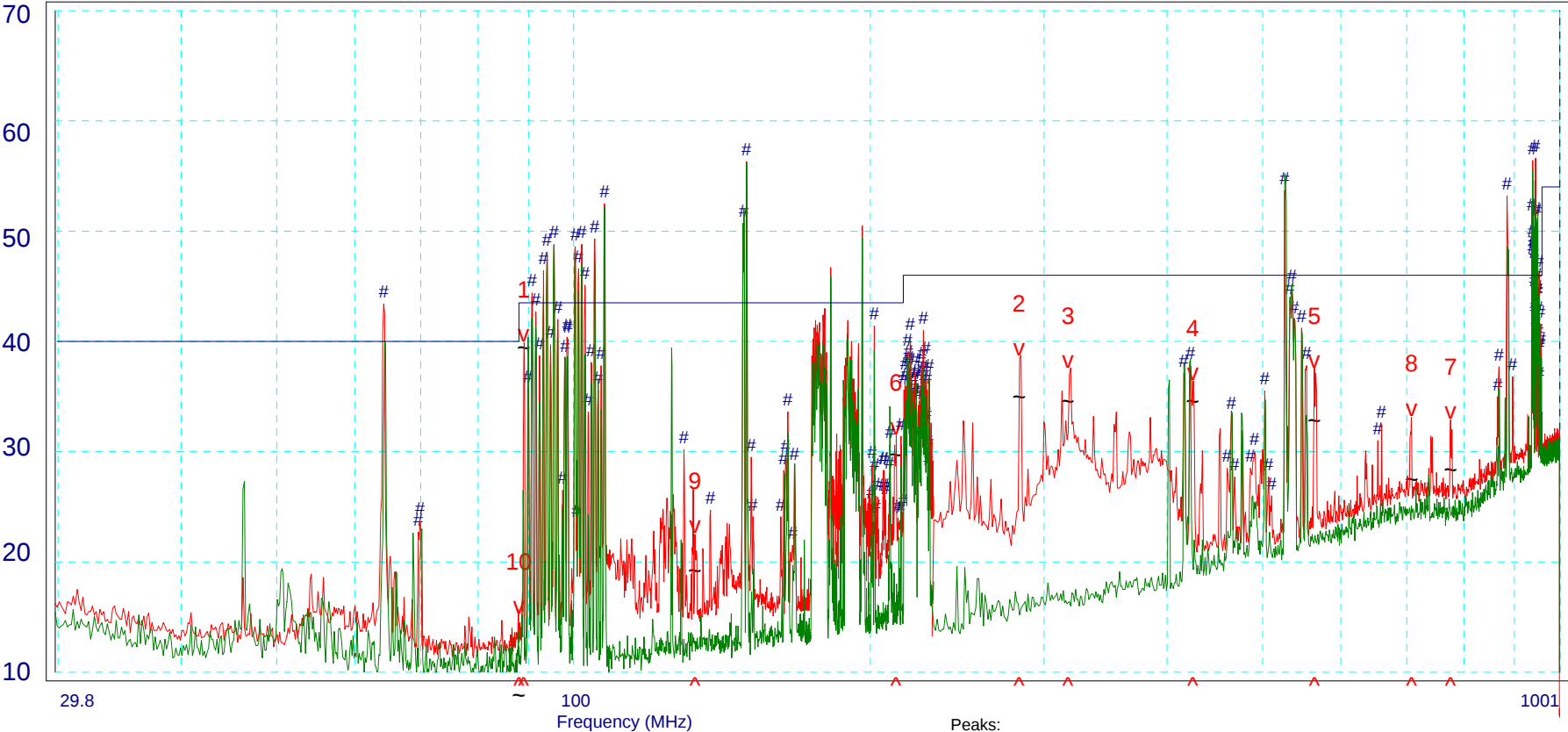
Radiated Emissions (dBuV/m)
= Ambient

Job No:m080613

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Test Date: 23/06/08

GRAPH No. 4



Fujitsu Australia
FM Tx - Tune to 89 MHz

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 lerderderg
t:A1360708_10M c1:C1311208 c2:C2601208 p:NONE a:NONE
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Lee Hopkins

Source:
M08061317,18,4,5,6,10,11,12

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/m)	QP Val	FCC-B3 (dBuV/m)	dL1 (dB)
1	89.01	39.9	38.6	43.5	-4.9
2	283.10	38.6	34.2	46.0	-11.9
3	317.30	37.5	33.8	46.0	-12.2
4	424.79	36.4	33.8	46.0	-12.2
5	564.07	37.5	32.1	46.0	-13.9
6	212.34	31.5	28.9	43.5	-14.6
7	775.69	32.9	27.6	46.0	-18.4
8	708.04	33.2	26.7	46.0	-19.3
9	132.79	22.5	18.4	43.5	-25.1
10	88.00	15.3	7.2	43.5	-36.4

EMC Technologies Pty. Ltd. - Global Product Certification

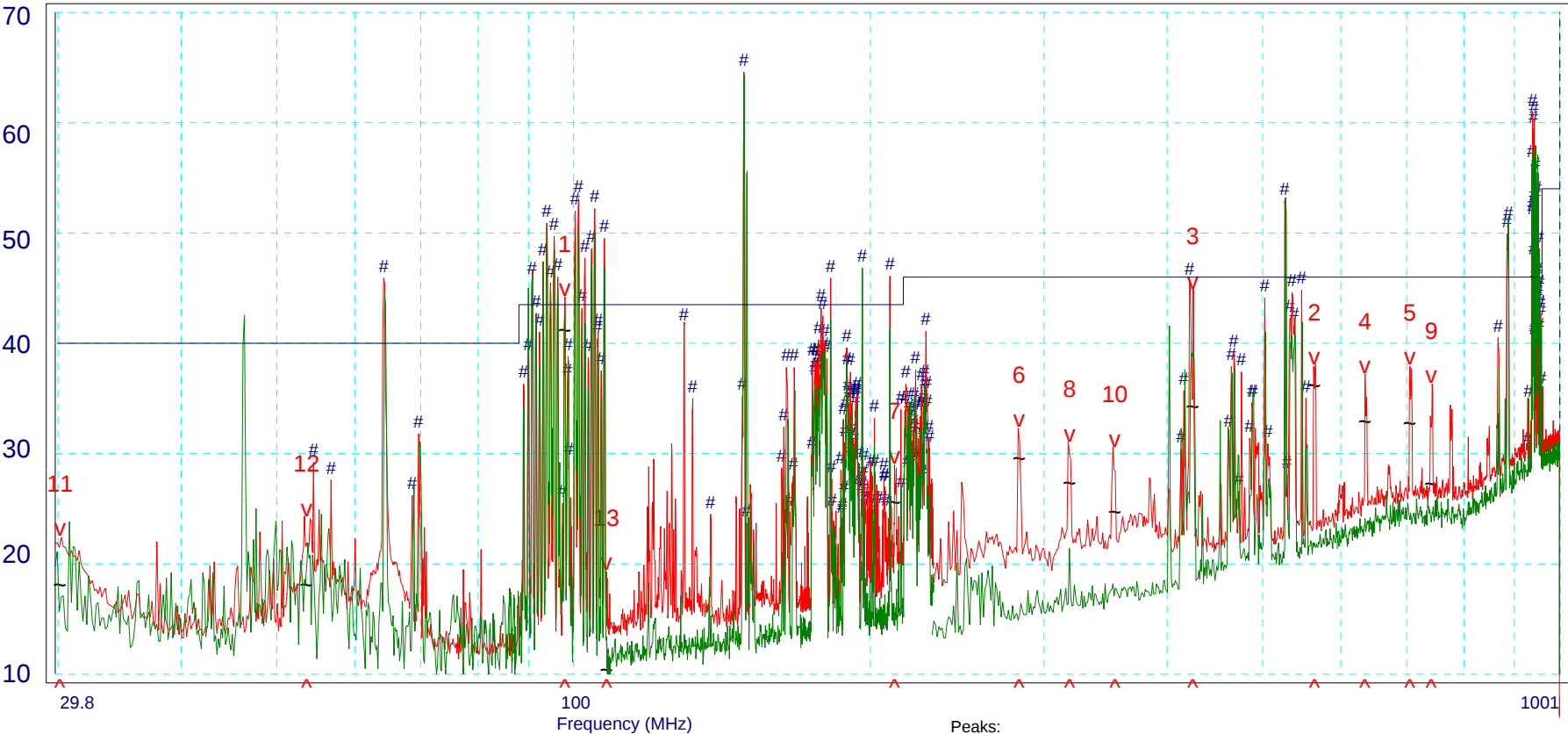
Radiated Emissions (dBUV/m)
= Ambient

Job No:m080613

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Test Date: 23/06/08

GRAPH No. 5



Fujitsu Australia
FM Tx - Tune to 98 MHz

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 lerderderg
t:A1360708_10M c1:C1311208 c2:C2601208 p:NONE a:NONE
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Lee Hopkins

Source:
M080613r14 , 20 , 16 , 1 , 2 , 13 , 8 , 9

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/m)	QP Val	FCC-B3 (dBUV/m)	dL1 (dB)
1	98.00	44.2	40.4	43.5	-3.2
2	564.07	38.0	35.4	46.0	-10.6
3	424.77	44.9	33.4	46.0	-12.6
4	634.84	37.2	32.1	46.0	-13.9
5	705.09	38.0	32.0	46.0	-14.0
6	283.15	32.4	28.8	46.0	-17.2
7	211.54	29.0	24.8	43.5	-18.8
8	318.50	31.0	26.5	46.0	-19.5
9	741.21	36.3	26.5	46.0	-19.5
10	354.07	30.6	23.9	46.0	-22.1
11	30.13	22.5	17.3	40.0	-22.7
12	53.60	24.3	17.3	40.0	-22.7
13	108.00	19.3	9.6	43.5	-33.9

EMC Technologies Pty. Ltd. - Global Product Certification

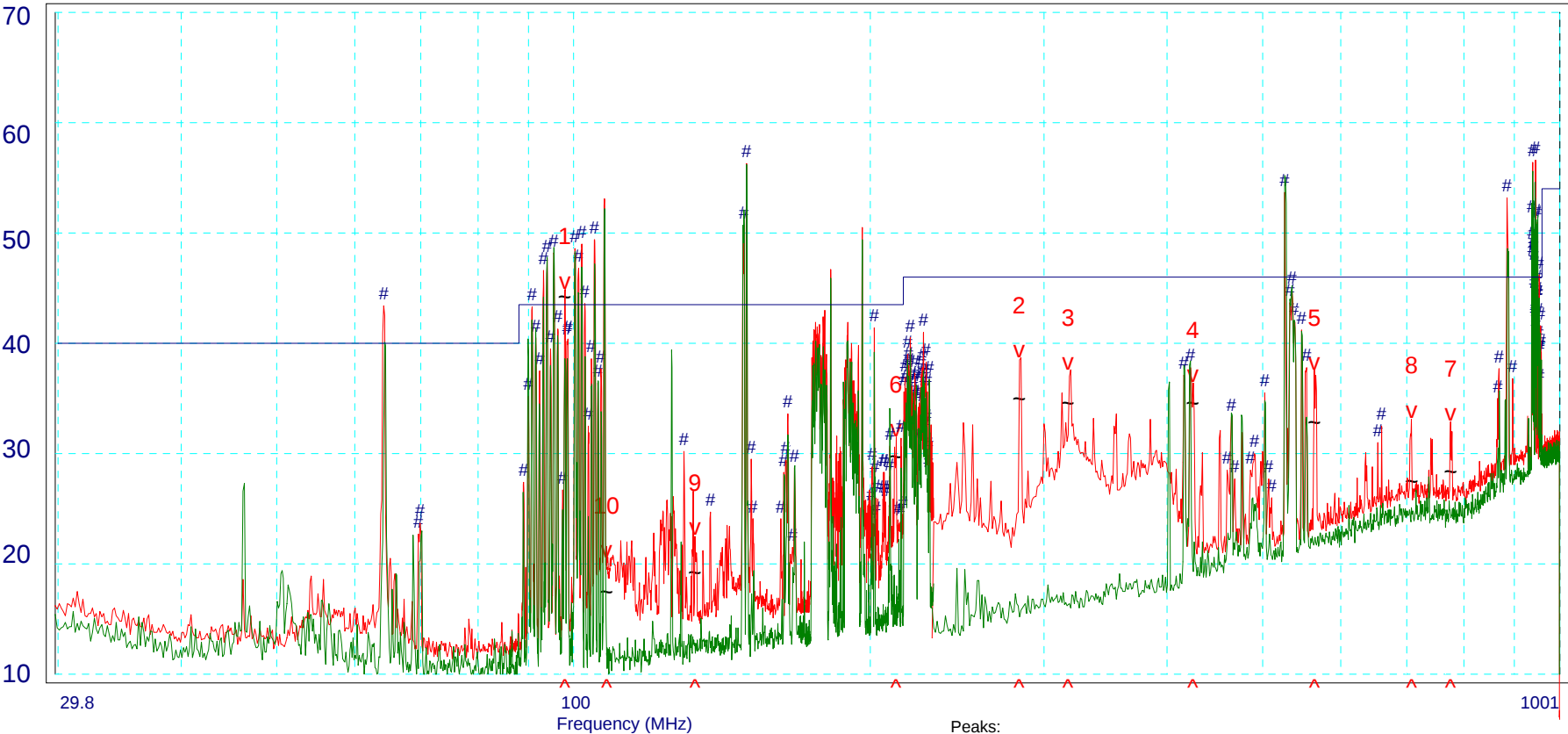
Radiated Emissions (dBUV/m)
= Ambient

Job No:m080613

p:\PCF\m080613_6.PCF

Test Date: 23/06/08

GRAPH No. 6



Fujitsu Australia
FM Tx - Tune to 98 MHz

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 lerderderg
t:A1360708_10M c1:C1311208 c2:C2601208 p:NONE a:NONE
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Lee Hopkins

Source:
M08061317,21,4,5,6,10,11,12

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/m)	QP Val	FCC-B3 (dBUV/m)	dL1 (dB)
1	97.99	44.9	43.4	43.5	-1
2	283.10	38.6	34.2	46.0	-11.9
3	317.30	37.5	33.8	46.0	-12.2
4	424.79	36.4	33.8	46.0	-12.2
5	564.07	37.5	32.1	46.0	-13.9
6	212.34	31.5	28.9	43.5	-14.6
7	775.69	32.9	27.6	46.0	-18.4
8	708.04	33.2	26.7	46.0	-19.3
9	132.79	22.5	18.4	43.5	-25.1
10	108.00	20.5	16.7	43.5	-26.8