

EMC Technologies Report Number: M071030_Cert_MC8781_C2PC

APPENDIX F

Conducted and Radiated Emissions Plots

EMC Technologies Pty. Ltd. - Global Product Certification

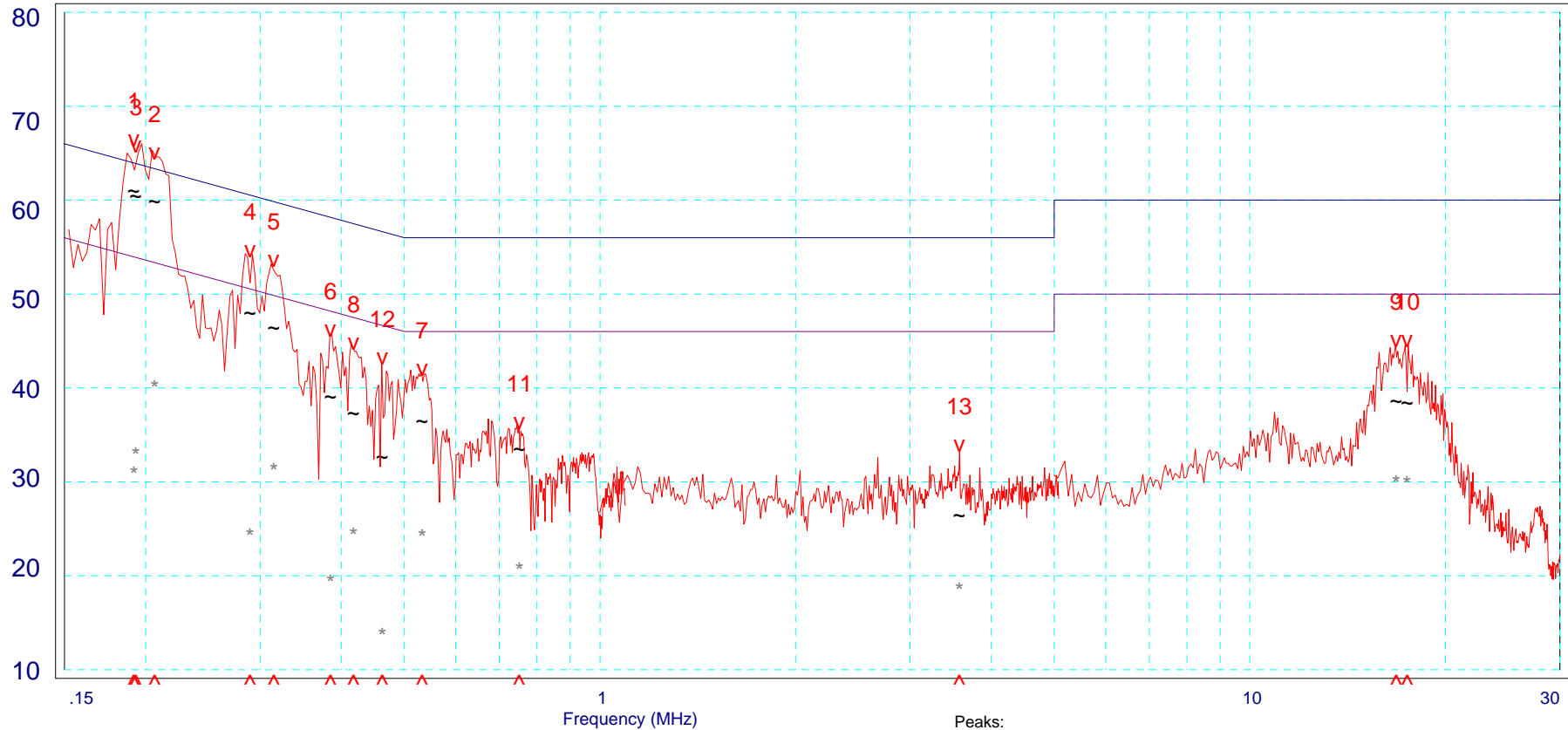
Conducted Emissions (dBuV)

Job No:M071034

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Test Date: 07/11/07

GRAPH No. 1



Peaks:

No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQP (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	0.192	66.0	60.5	64.0	-3.5	30.1	54.0	-23.9
2	0.206	64.6	59.5	63.3	-3.9	39.3	53.3	-14.0
3	0.193	65.3	60.0	63.9	-3.9	32.1	53.9	-21.8
4	0.290	54.2	47.6	60.5	-12.9	23.5	50.5	-27.0
5	0.315	53.2	45.9	59.8	-13.9	30.5	49.8	-19.3
6	0.385	45.7	38.7	58.2	-19.5	18.6	48.2	-29.6
7	0.533	41.5	36.1	56.0	-19.9	23.4	46.0	-22.6
8	0.418	44.3	36.9	57.5	-20.6	23.6	47.5	-23.9
9	16.79	44.6	38.2	60.0	-21.8	29.2	50.0	-20.8
10	17.46	44.6	38.0	60.0	-22.0	29.1	50.0	-20.9
11	0.752	35.9	33.0	56.0	-23.0	19.9	46.0	-26.1
12	0.463	42.7	32.3	56.6	-24.4	12.9	46.6	-33.7
13	3.573	33.4	26.0	56.0	-30.0	17.7	46.0	-28.3

Fujitsu Australia
Champlain with UMTS

Conducted Emissions - Active line

Limits:
 FCC_BQP 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 153
 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:
 M071034d , 2 , 3

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

EMC Technologies Pty. Ltd. - Global Product Certification

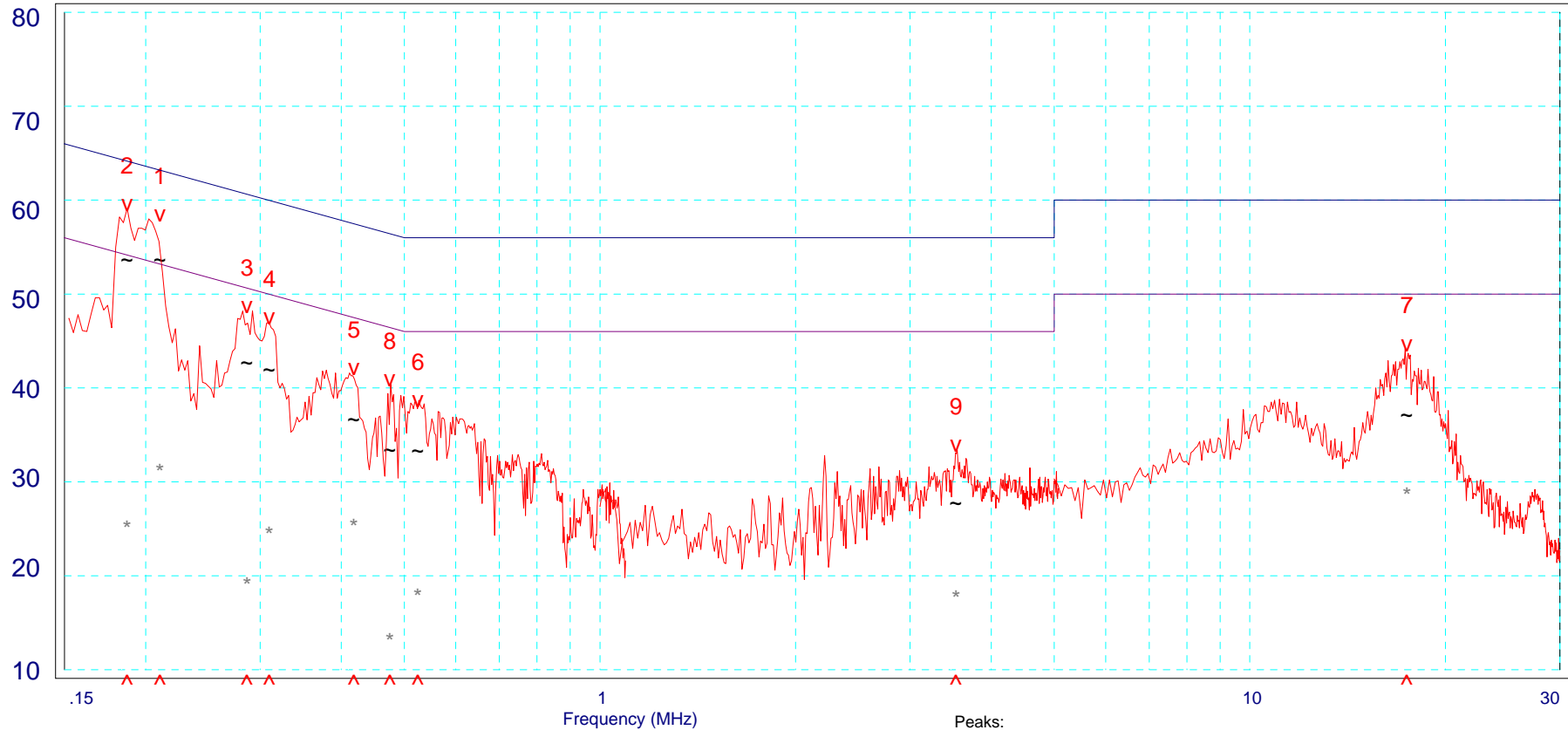
Conducted Emissions (dBuV)

Job No:M071034

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Test Date: 07/11/07

GRAPH No. 2



Fujitsu Australia
Champlain with UMTS

Conducted Emissions - Neutral line

Limits:
 FCC_BQPNI FCC PART 15 CLASS B CONDUCTED QP LIMITS (2002)
 FCC_BAVNI FCC PART 15 CLASS B CONDUCTED AVERAGE LIMIT (2002)

Legend:
 — Neutral Line

Ver 5.5 Build 153
 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

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_BQPNI (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVNI (dBuV)	dL2 (dB)
1	0.210	58.0	53.3	63.2	-9.9	30.4	53.2	-22.8
2	0.187	59.1	53.3	64.2	-10.9	24.3	54.2	-29.9
3	0.286	48.2	42.3	60.6	-18.4	18.3	50.6	-32.3
4	0.310	47.0	41.5	60.0	-18.5	23.7	50.0	-26.3
5	0.418	41.6	36.3	57.5	-21.2	24.5	47.5	-23.0
6	0.525	38.2	32.9	56.0	-23.1	17.1	46.0	-28.9
7	17.44	44.2	36.7	60.0	-23.3	27.9	50.0	-22.1
8	0.475	40.4	33.0	56.4	-23.5	12.4	46.4	-34.0
9	3.531	33.4	27.3	56.0	-28.7	16.9	46.0	-29.1

EMC Technologies Pty. Ltd. - Global Product Certification

Job No:M071032

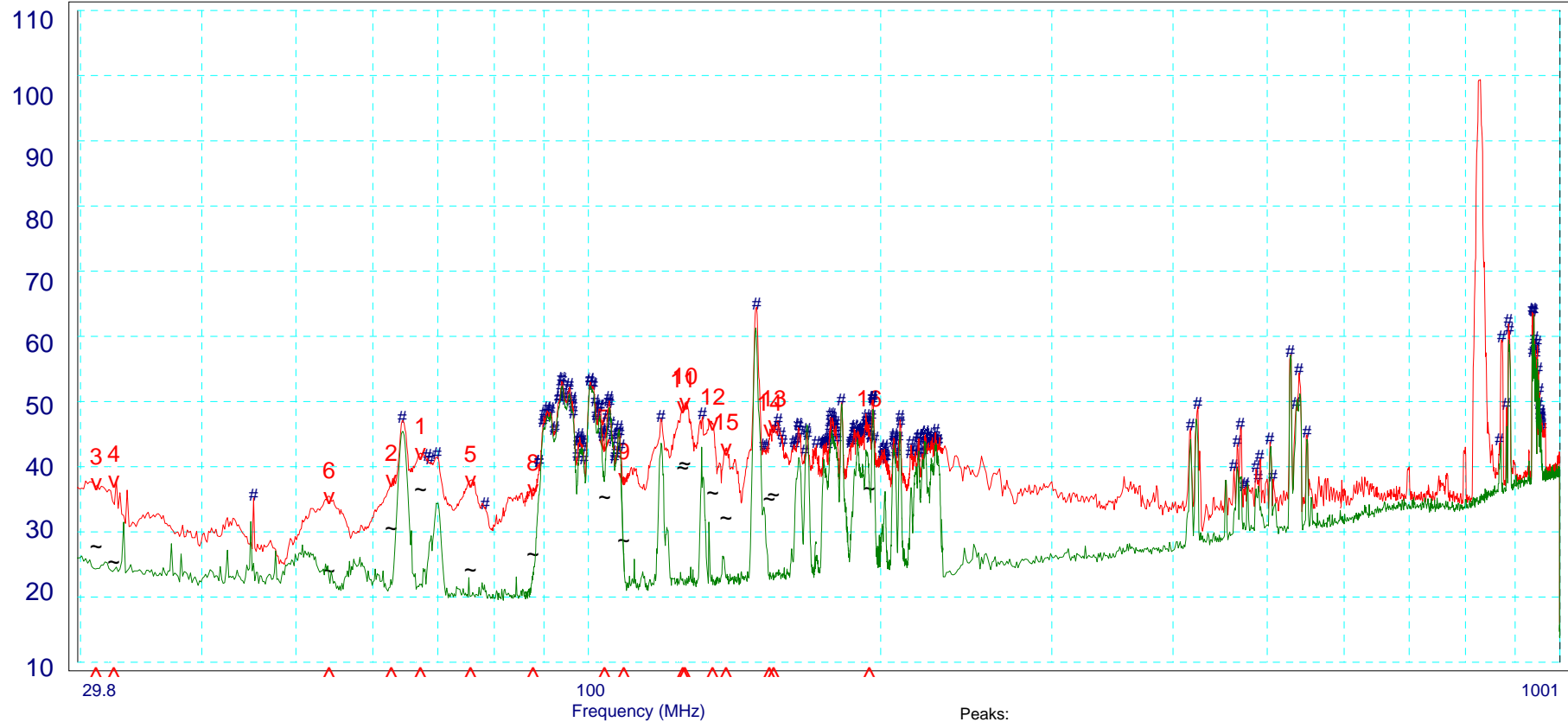
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Radiated Emissions (dBuV/m)

Test Date: 10/12/07

GRAPH No. 3

= Ambient



Fujitsu Australia
Champlain with UMTS

Radiated Emissions - Vertical Polarity

Limits: Legend:

— Vertical Emissions

Ver 5.5 Build 153
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:
m071032r17 , 18 , 19 , 20 , 21 , 29 , 30 , 31

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	(dBuV/m)	dL1 (dB)
1	67.18	42.2	36.8	.0	36.8
2	62.67	38.1	30.8	.0	30.8
3	31.13	37.6	28.1	.0	28.1
4	32.46	38.0	25.6	.0	25.6
5	75.64	38.0	24.5	.0	24.5
6	54.07	35.5	24.4	.0	24.4
7	103.94	43.5	35.6	.0	35.6
8	87.73	36.7	26.8	.0	26.8
9	108.77	38.4	28.9	.0	28.9
10	125.72	49.8	40.7	.0	40.7
11	125.12	49.3	40.1	.0	40.1
12	134.29	46.7	36.2	.0	36.2
13	155.20	46.4	35.9	.0	35.9
14	153.57	45.8	35.3	.0	35.3
15	138.67	42.9	32.4	.0	32.4
16	194.60	46.5	36.9	.0	36.9

EMC Technologies Pty. Ltd. - Global Product Certification

Job No:M071032

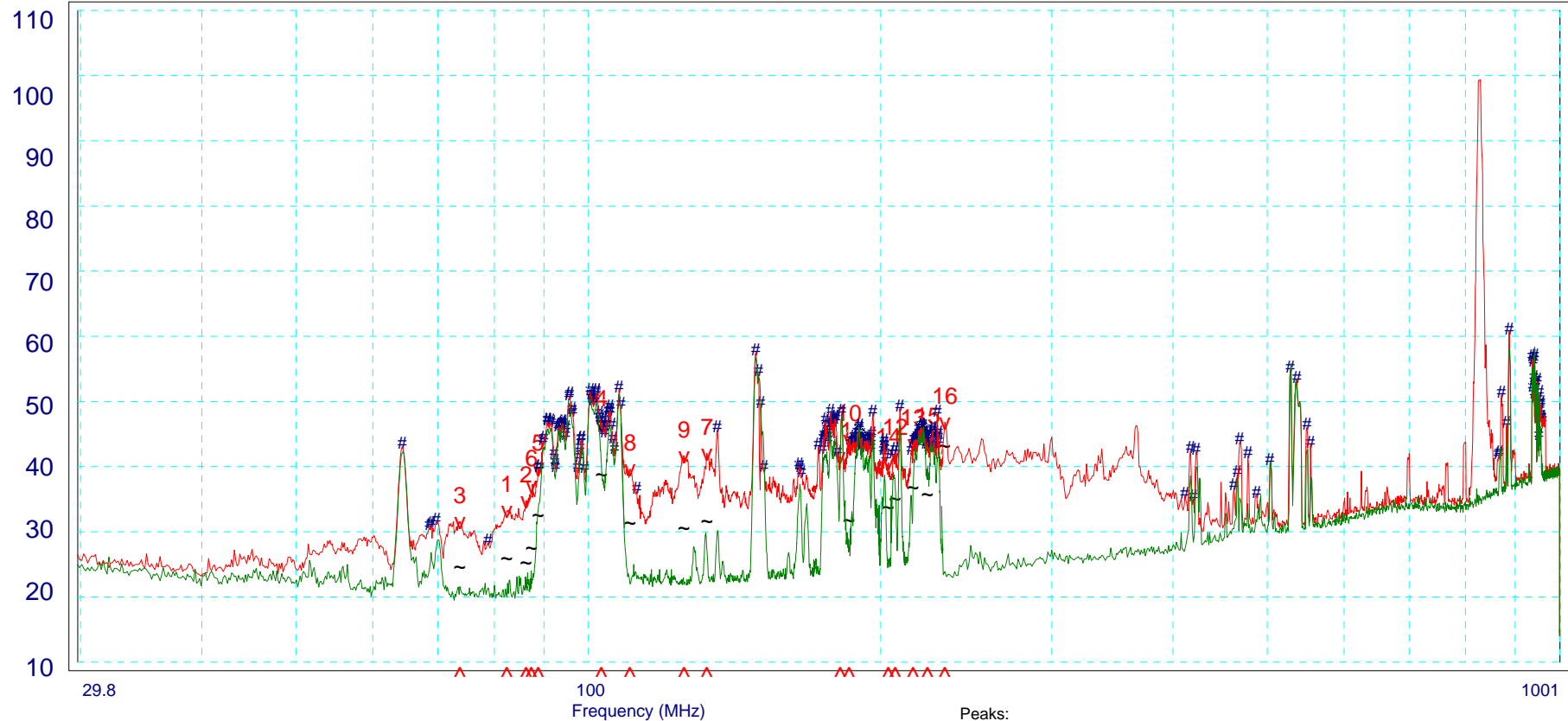
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Radiated Emissions (dBuV/m)

Test Date: 10/12/07

GRAPH No. 4

= Ambient



Peaks:

No	Freq (MHz)	Peak (dBuV/m)	QP Val	(dBuV/m)	dL1 (dB)
1	82.41	33.3	26.2	.0	26.2
2	86.29	34.7	25.6	.0	25.6
3	73.75	31.6	24.9	.0	24.9
4	103.19	46.5	39.0	.0	39.0
5	88.80	39.7	32.8	.0	32.8
6	87.39	37.2	27.8	.0	27.8
7	132.48	42.1	31.9	.0	31.9
8	110.40	39.6	31.6	.0	31.6
9	125.44	41.7	30.8	.0	30.8
10	185.54	44.2	32.0	.0	32.0
11	181.63	41.5	-83.8	.0	-83.8
12	207.01	42.0	35.3	.0	35.3
13	216.00	43.6	37.1	.0	37.1
14	203.68	40.6	34.0	.0	34.0
15	223.54	43.7	36.0	.0	36.0
16	232.81	46.8	43.5	.0	43.5

Fujitsu Australia
Champlain with UMTS

Radiated Emissions - Horizontal Polarity

Limits:

Legend:

— Horizontal Emissions

Ver 5.5 Build 153
radiated emissions site 1 lerderberg
t:A1360708_10M c1:C1311208 c2:C2601208 p:NONE a:NONE
Site ID: OATS1,Lerderberg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Lee Hopkins

Source:

m071032r22 ,23 ,24 ,25 ,26 ,32 ,33 ,34

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