

## **APPENDIX H**

### **RADIATED GRAPHS**

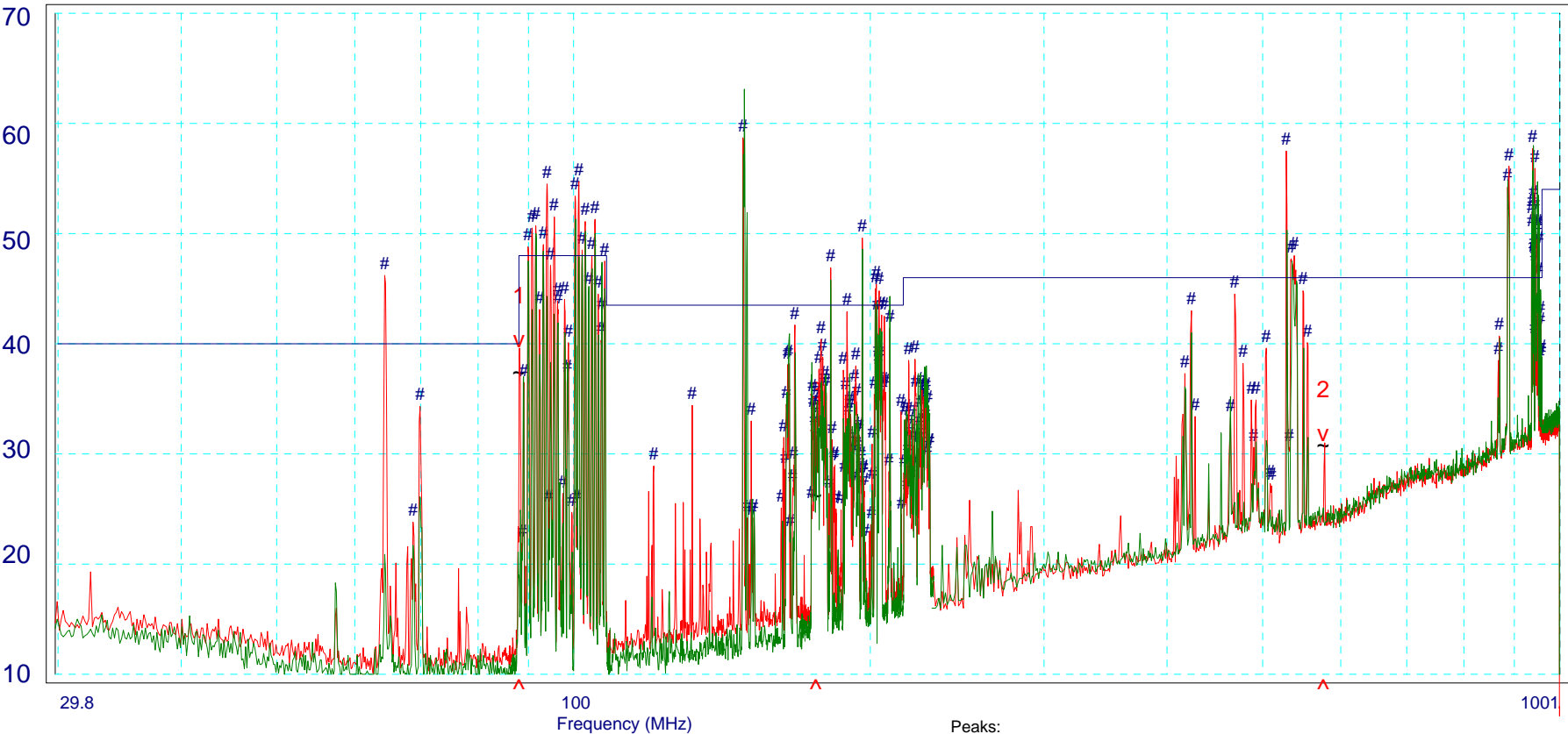
<b>Graph 1:</b>	FM Tuned to 88.1 MHz	Vertical Polarisation
<b>Graph 2:</b>	FM Tuned to 88.1 MHz	Horizontal Polarisation
<b>Graph 3:</b>	FM Tuned to 97.0 MHz	Vertical Polarisation
<b>Graph 4:</b>	FM Tuned to 97.0 MHz	Horizontal Polarisation

EMC Technologies Pty. Ltd. - Global Product Certification

Radiated Emissions (dBuV/m)  
# = Ambient

Job No:m090663      p:\PCF\m090663f\_1.PCF  
Test Date: 02/07/09

GRAPH No. 1



**Sensear Pty Ltd**  
FM Transmitter - 88.1 MHz

**Radiated Emissions - Vertical Polarity**

Limits:  
FCC-239      FCC 15.239 CLASS B RAD 3M LIMITS

Legend:  
— Vertical Emissions

Ver 5.5 Build 157  
radiated emissions site 1 lerderderg  
t:A1370909\_10M c1:C1310110 c2:C3980210 p:NONE a:NONE  
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh

Source:  
M090663 47, 48, 44, 45, 46, 50, 51, 52

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

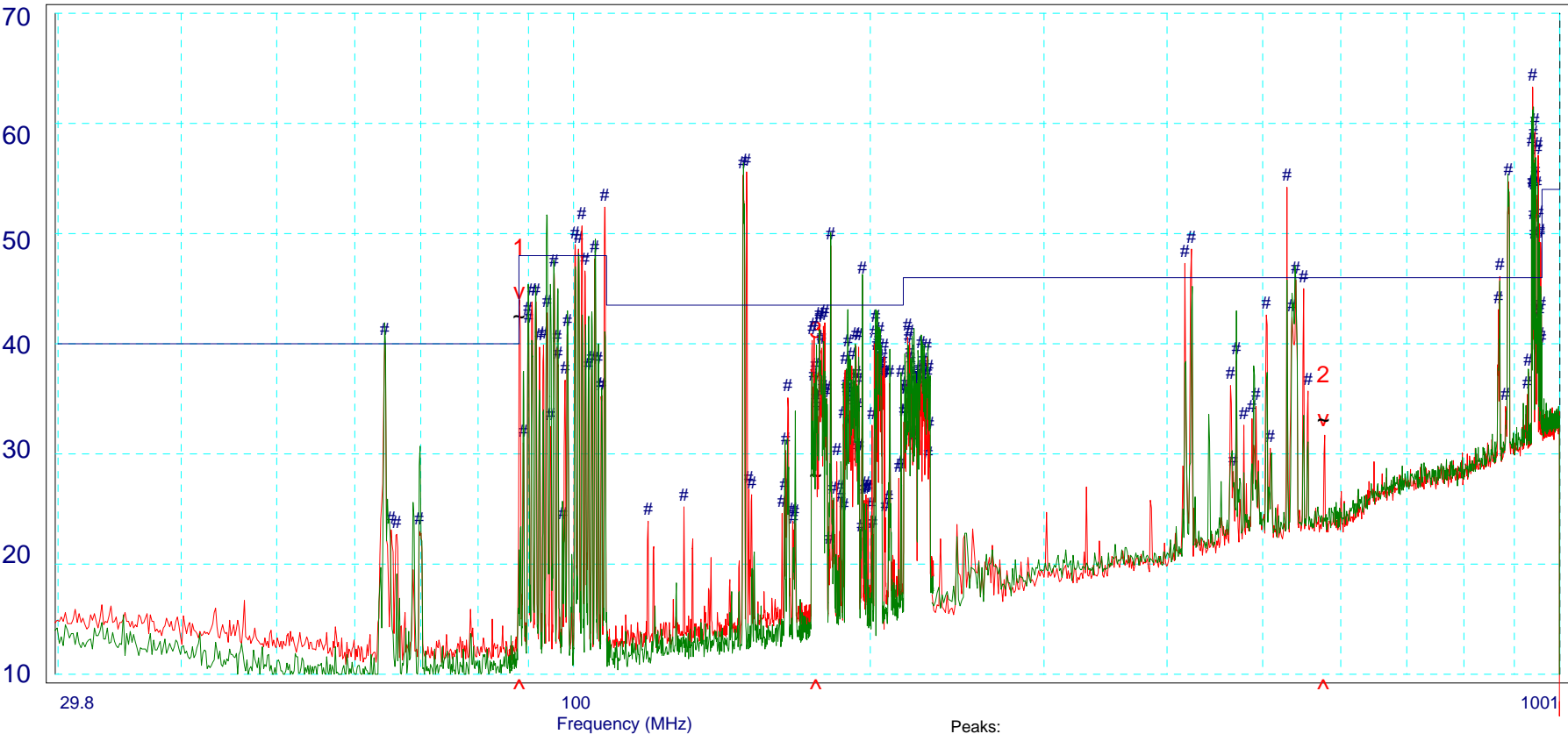
Peaks:					
No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCC-239 (dBuV/m)	dL1 (dB)
1	88.04	39.6	36.7	48.0	-11.3
2	576.01	31.1	30.1	46.0	-15.9
3	176.13	31.0	25.6	43.5	-17.9

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Radiated Emissions (dBuV/m)  
# = Ambient

Job No:m090663      p:\PCF\m090663f\_2.PCF  
Test Date: 02/07/09

GRAPH No. 2



Sensear Pty Ltd  
FM Transmitter - 88.1 MHz

Radiated Emissions - Horizontal Polarity

Limits: FCC-239      FCC 15.239 CLASS B RAD 3M LIMITS

Legend: — Horizontal Emissions

Ver 5.5 Build 157  
radiated emissions site 1 lerderderg  
t:A1370909\_10M c1:C1310110 c2:C3980210 p:NONE a:NONE  
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh

Source: M090663#3 ,38 ,40 ,41 ,42 ,53 ,54 ,55

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-239 (dBuV/m)
1	88.07	43.9	41.8	48.0
2	576.02	32.4	32.4	46.0
3	176.13	36.4	27.4	43.5

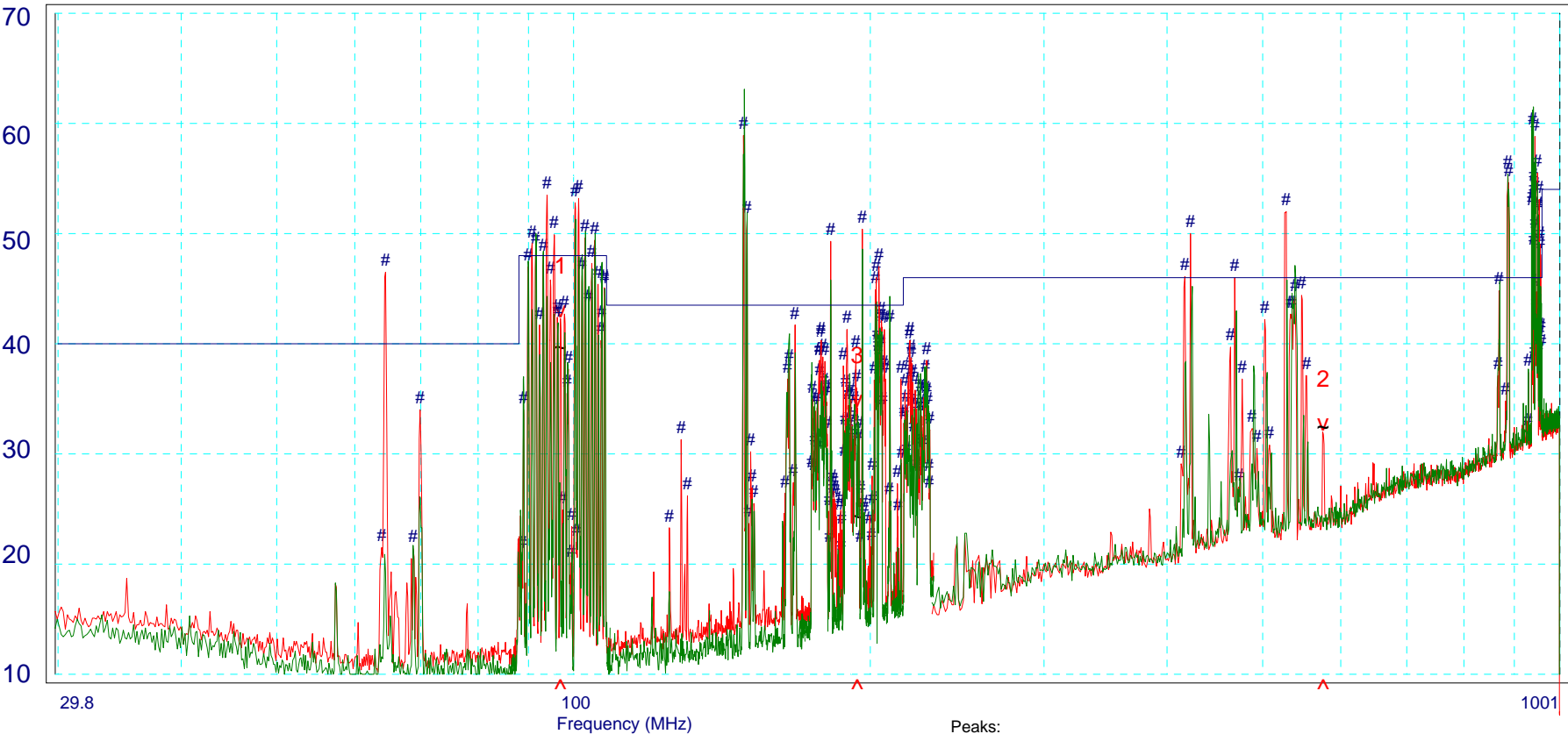
				dL1 (dB)
				-6.2
				-13.6
				-16.1

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Radiated Emissions (dBUV/m)  
# = Ambient

Job No:m090663      p:\PCF\m090663f\_3.PCF  
Test Date: 02/07/09

GRAPH No. 3



Sensear Pty Ltd  
FM Transmitter - 97.0 MHz  
  
Radiated Emissions - Vertical Polarity

Limits: FCC-239      FCC 15.239 CLASS B RAD 3M LIMITS  
  
Legend: — Vertical Emissions  
  
Ver 5.5 Build 157  
radiated emissions site 1 lerderderg  
t:A1370909\_10M c1:C1310110 c2:C3980210 p:NONE a:NONE  
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh  
  
Source: M09066326,22,23,24,25,31,32,33

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

Peaks:

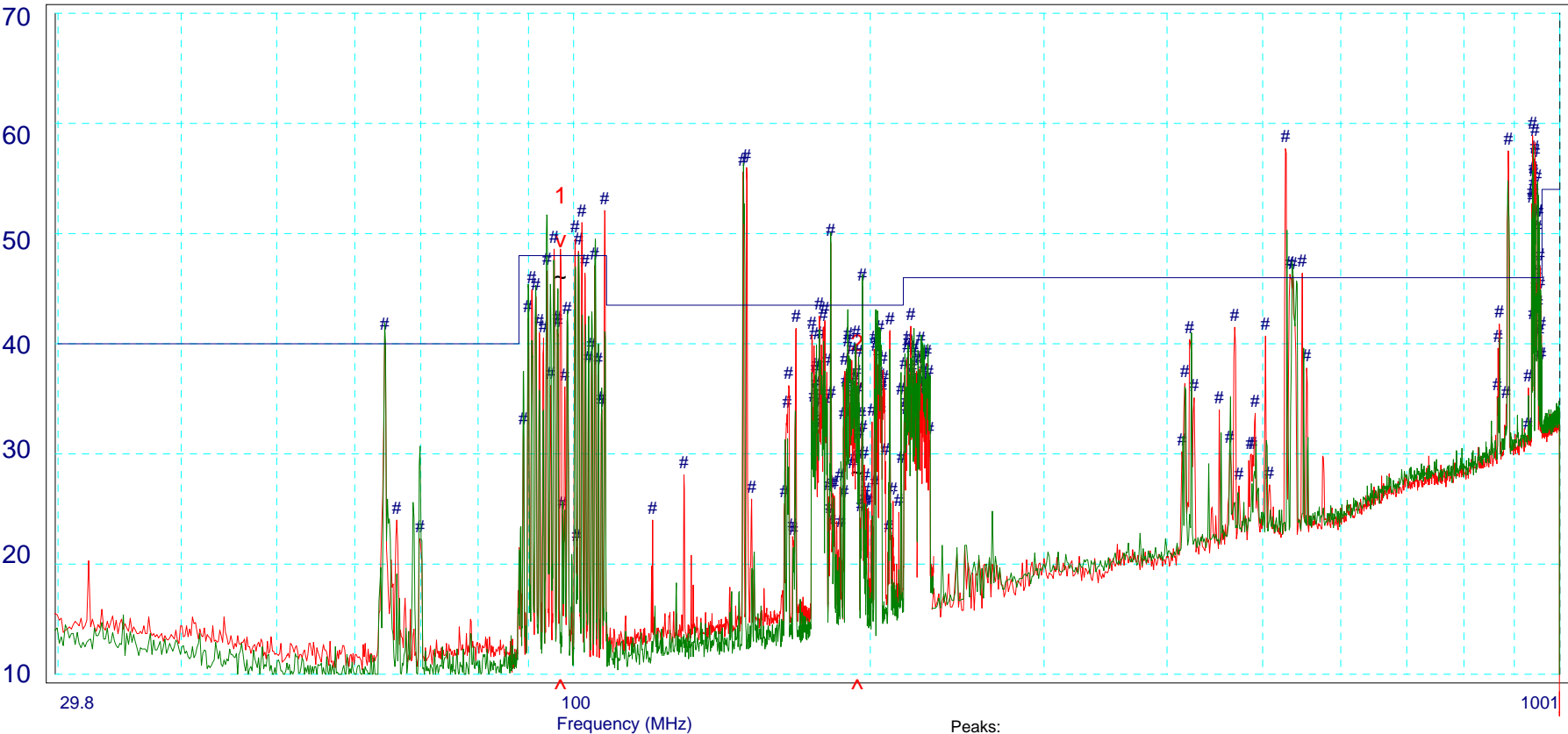
No	Freq (MHz)	Peak (dBUV/m)	QP Val	FCC-239 (dBUV/m)	dL1 (dB)
1	97.00	42.3	39.0	48.0	-9.0
2	576.01	32.0	31.8	46.0	-14.2
3	193.93	34.2	23.7	43.5	-19.8

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Radiated Emissions (dBuV/m)  
# = Ambient

Job No:m090663      p:\PCF\m090663f\_4.PCF  
Test Date: 02/07/09

GRAPH No. 4



Sensear Pty Ltd  
FM Transmitter - 97.0 MHz

Radiated Emissions - Horizontal Polarity

Limits: FCC-239      FCC 15.239 CLASS B RAD 3M LIMITS

Legend: — Horizontal Emissions

Ver 5.5 Build 157  
radiated emissions site 1 lerderg  
t:A1370909\_10M c1:C1310110 c2:C3980210 p:NONE a:NONE  
Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh

Source: M090663 1, 17, 18, 19, 20, 27, 28, 29

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-239 (dBuV/m)	dL1 (dB)
1	97.00	48.6	45.4	48.0	-2.6
2	193.94	35.3	27.6	43.5	-15.9