

**EMC Technologies Report Number: M060937\_Cert\_MWS\_ST\_SR**

## **APPENDIX H**

### **GRAPHS OF EMI MEASUREMENT**

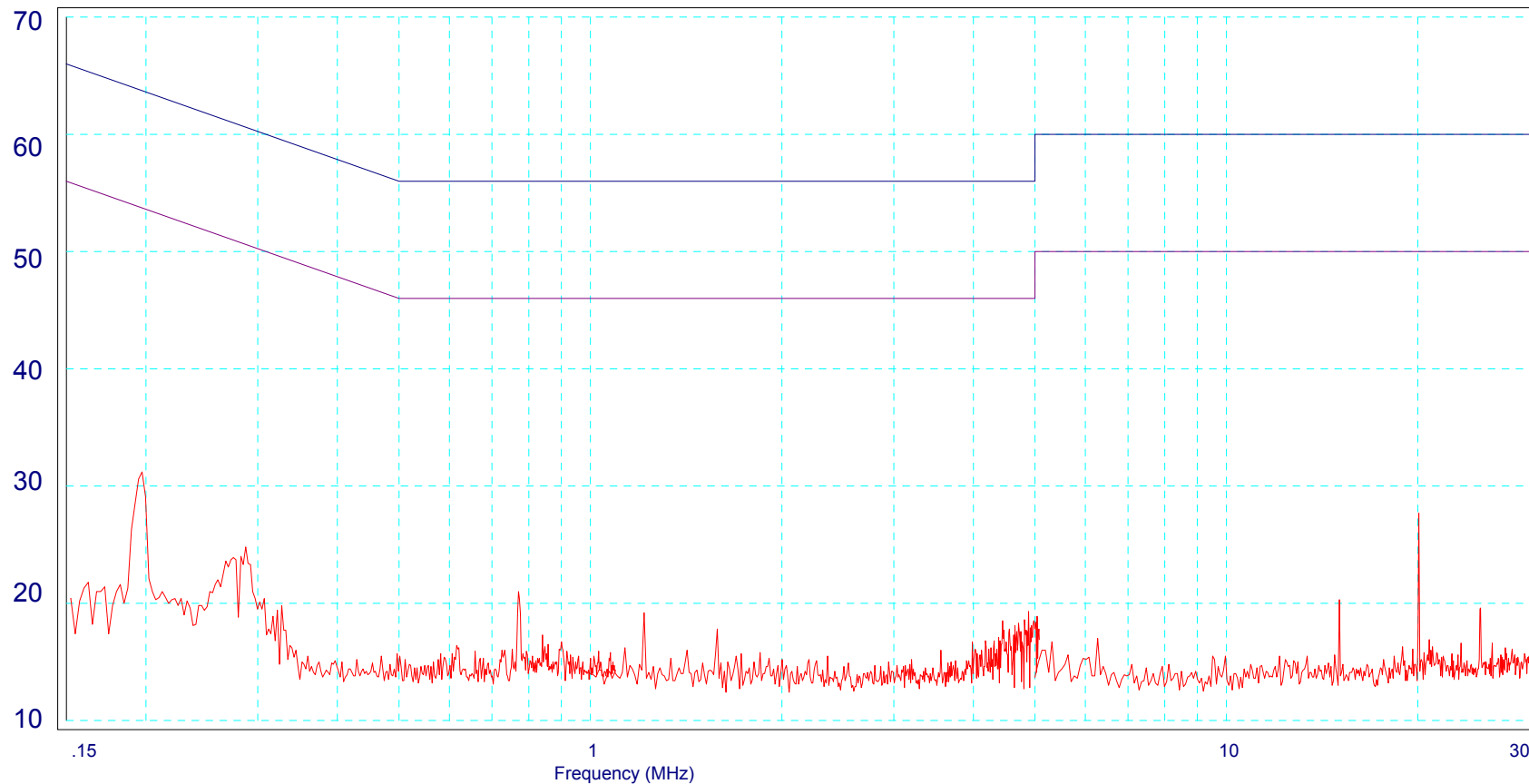
# EMC Technologies Pty. Ltd. - Global Product Certification

Conducted Emissions (dBuV)

Job No:m060937 p:\PCF\M060937\_1.PCF

Test Date: 24-11-06

GRAPH No. 1



WADECO Ltd  
Microwave Sensors  
**MWS-ST-2 and MWS-SR-2**  
Conducted Emissions - Active Line

Limits: Legend:  
FCC\_BQPN FCC PART 15 CLASS B CONDUCTED QP LIMITS (2002)  
FCC\_BAVN FCC PART 15 CLASS B CONDUCTED AVERAGE LIMIT (2002) \_\_ Active Line

Ver 0.55 Build 146  
conducted lab 1 using L- 22 LISN  
t:L0220507 c1:C1450207 c2:C1600807 p:NONE a:L0180707  
Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC  
Test Officer:Ann Stevens

Source:  
m060937c 1 2 6

EMC Technologies (Melbourne) 57 Assembly Drv Tullamarine, 3043, Vic, Australia  
Phone+(613) 9335 3333 Fax+(613) 9338 9260

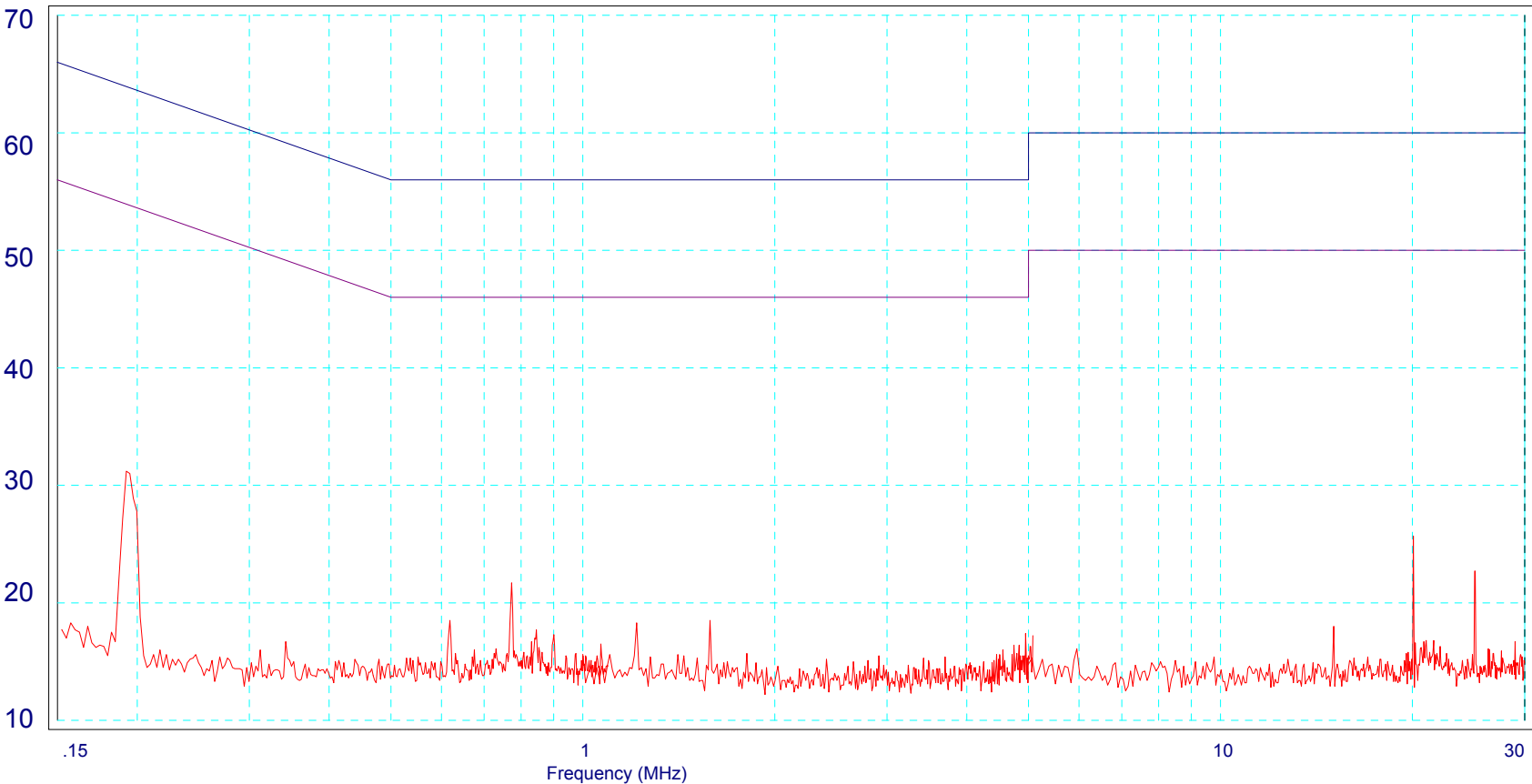
# EMC Technologies Pty. Ltd. - Global Product Certification

Conducted Emissions (dBuV)

Job No:m060937 p:\PCF\M060937\_2.PCF

Test Date: 24-11-06

GRAPH No. 2



WADECO Ltd  
Microwave Sensors  
MWS-ST-2 and MWS-SR-2  
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) \_\_ Neutral Line

Ver 0.55 Build 146  
conducted lab 1 using L- 22 LISN  
t:L0220507 c1:C1450207 c2:C1600807 p:NONE a:L0180707  
Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC  
Test Officer:Ann Stevens

Source:  
m060937c 3 4 5

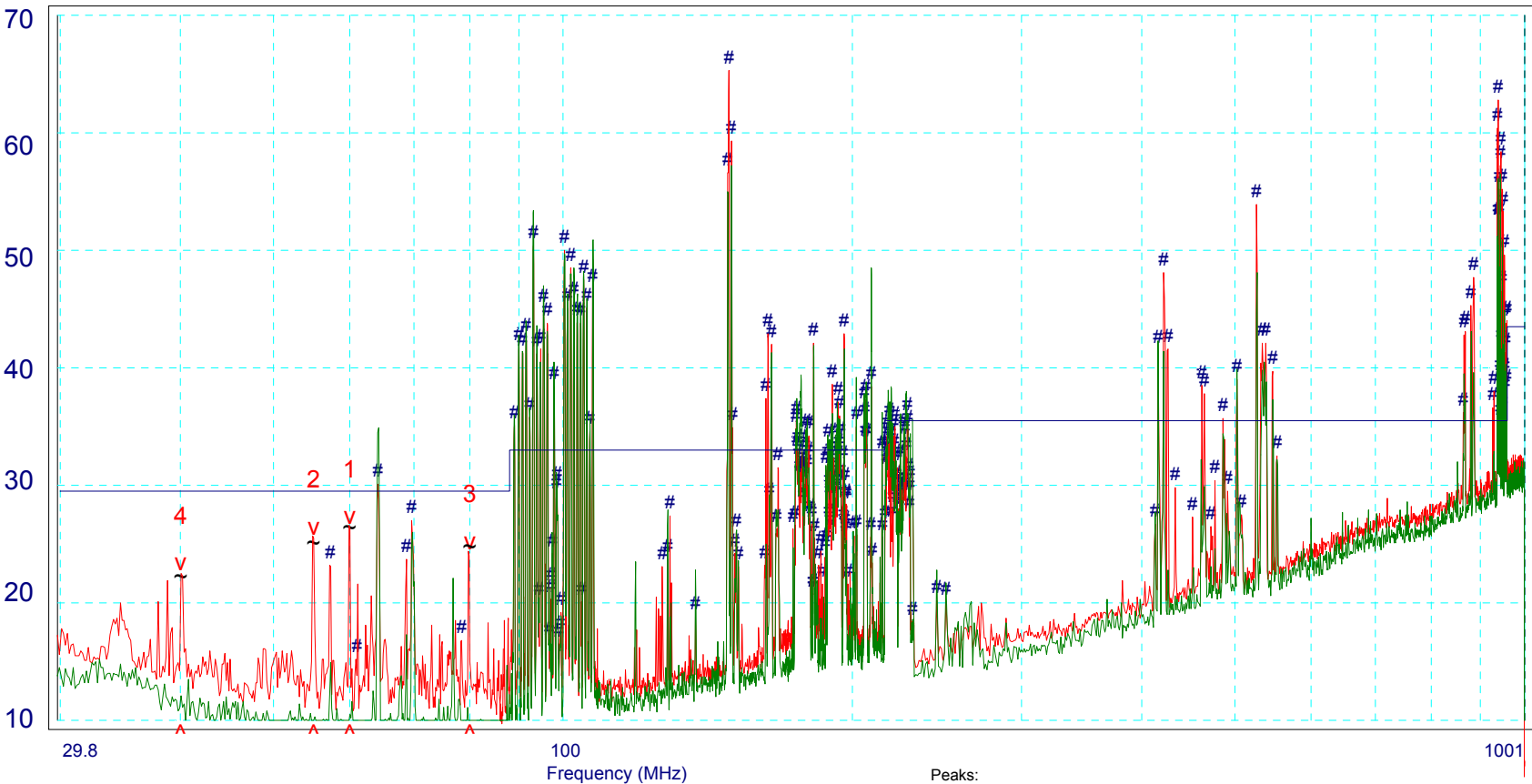
EMC Technologies (Melbourne) 57 Assembly Drv Tullamarine, 3043, Vic, Australia  
Phone+(613) 9335 3333 Fax+(613) 9338 9260

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Radiated Emissions (dBuV/m)  
# = Ambient

Job No:m060937    p:\PCF\m060937\_3.PCF  
Test Date: 12-10-06

GRAPH No. 3



WADECO Ltd  
Microwave Sensors  
MWS-ST-2 and MWS-SR-2  
Radiated Emissions - Vertical Polarity

Limits: FCCB-10    FCC CLASS B RAD 10M LIMITS  
Legend: Vertical Emissions  
Ver 0.55 Build 146  
radiated emissions site 1 lerderg  
t:A1360607\_10M c1:C1311206 c2:NONE p:NONE a:NONE  
Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Kevin Hansen

EMC Technologies (Melbourne) 57 Assembly Drv Tullamarine, 3043, Vic, Australia  
Phone+(613) 9335 3333 Fax+(613) 9338 9260

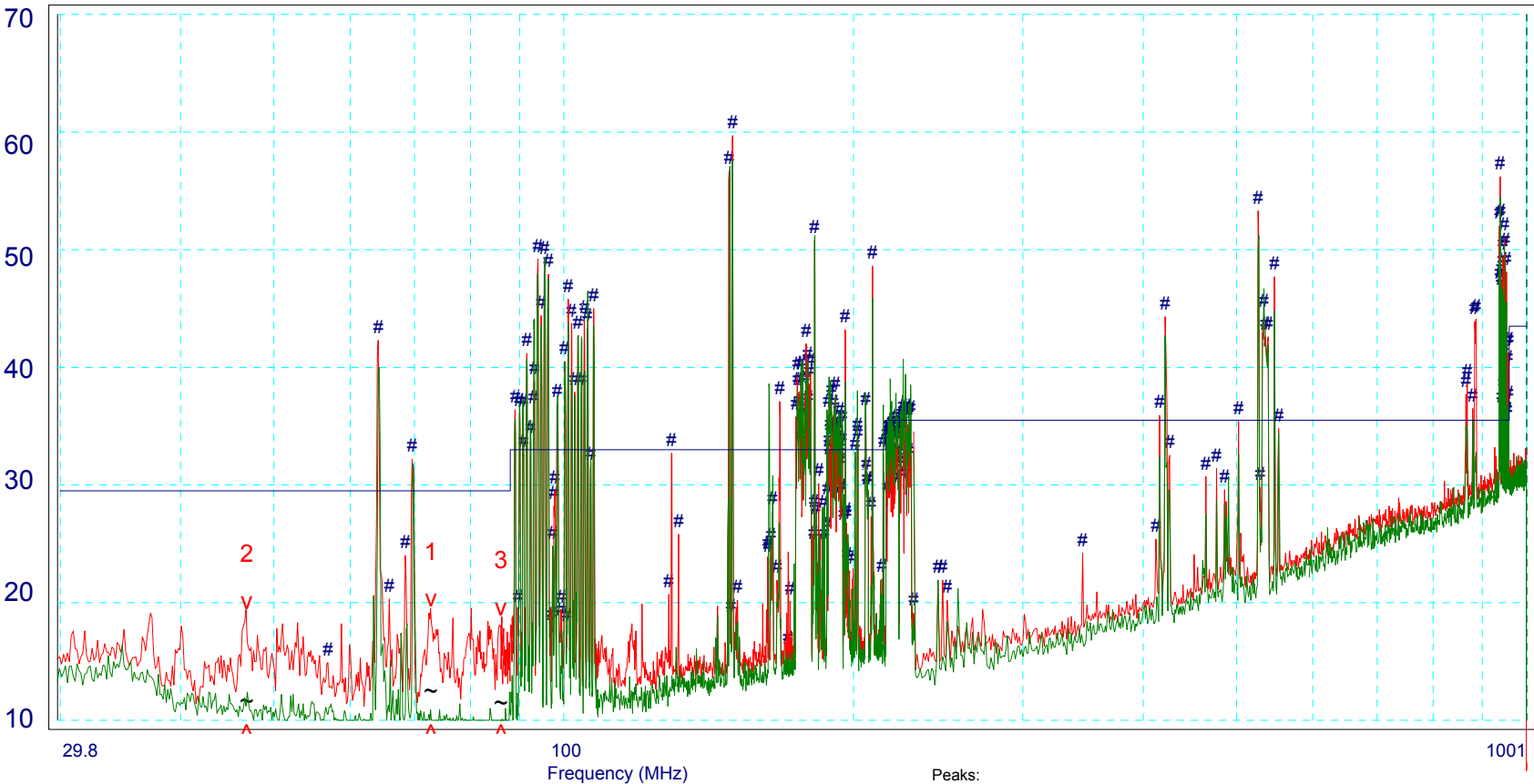
Peaks:					
No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCCB-10 (dBuV/m)	dL1 (dB)
1	60.01	26.5	25.6	29.5	-3.9
2	55.03	25.7	24.3	29.5	-5.2
3	80.01	24.4	23.9	29.5	-5.6
4	40.02	22.6	21.4	29.5	-8.1

EMC Technologies Pty. Ltd. - Global Product Certification

Radiated Emissions (dBuV/m)  
# = Ambient

Job No:m060937    p:\PCF\m060937\_4.PCF  
Test Date: 12-10-06

GRAPH No. 4



WADECO Ltd  
Microwave Sensors  
MWS-ST-2 and MWS-SR-2  
Radiated Emissions - Horizontal Polarity

Limits: FCCB-10    FCC CLASS B RAD 10M LIMITS  
Legend: Horizontal Emissions  
Ver 0.55 Build 146  
radiated emissions site 1 lerderg  
t:A1360607\_10M c1:C1311206 c2:NONE p:NONE a:NONE  
Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Kevin Hansen

EMC Technologies (Melbourne) 57 Assembly Drv Tullamarine, 3043, Vic, Australia  
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No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCCB-10 (dBuV/m)	dL1 (dB)
1	72.80	19.5	11.7	29.5	-17.9
2	46.86	19.3	10.8	29.5	-18.7
3	86.04	18.8	10.6	29.5	-18.9