

EMC Technologies Report Number: M061023_Cert_RX-INN_Class_2**APPENDIX F****Graphs of EMI Measurement****CONDUCTED EMI**

Graph 1:	Active Line	0.15 MHz - 30 MHz
Graph 2:	Neutral Line	0.15 MHz - 30 MHz

RADIATED EMI

Graph 3:	Vertical Polarisation	30 MHz - 1000 MHz
Graph 4:	Horizontal Polarisation	30 MHz - 1000 MHz

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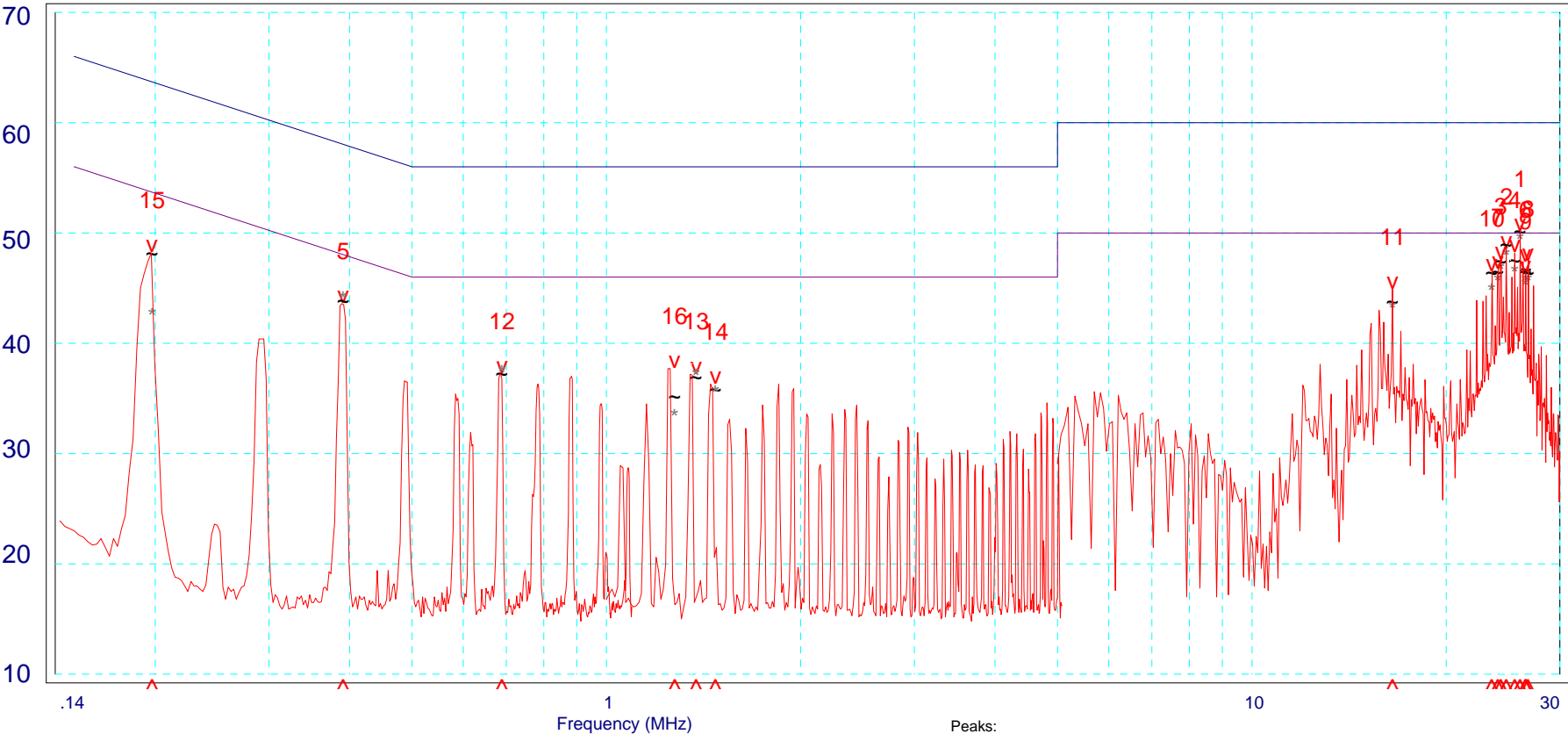
Conducted Emissions (dBuV)

Job No:M061023

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Test Date: 12/01/06

GRAPH No. 1



Acure Technology Pty Ltd
Rx Chassis

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 150
conducted lab 3
t:L0220507 c1:C1550607 c2:C1621206 p:NONE a:L0180707
Site ID: Room#1,57 Assembly Drv. Tullamarine, VIC
Test Officer:Ann Stevens

Source:
m061023w 1 2 3

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia
Phone+(613) 9335 3333 Fax+(613) 9338 9260

Peaks:								
No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQPN (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	26.04	50.1	49.4	60.0	-10.6	48.4	50.0	-1.6
2	24.79	48.5	48.3	60.0	-11.7	47.0	50.0	-3.0
3	24.29	47.6	46.8	60.0	-13.2	45.7	50.0	-4.3
4	25.54	48.2	46.8	60.0	-13.2	45.5	50.0	-4.5
5	0.391	43.6	43.2	58.0	-14.9	43.1	48.0	-4.9
6	26.54	47.3	46.0	60.0	-14.0	44.7	50.0	-5.3
7	24.04	46.7	45.8	60.0	-14.2	44.7	50.0	-5.3
8	26.79	47.4	45.7	60.0	-14.3	44.7	50.0	-5.3
9	26.54	46.3	45.8	60.0	-14.2	44.3	50.0	-5.7
10	23.53	46.5	45.7	60.0	-14.3	43.8	50.0	-6.2
11	16.52	44.8	43.1	60.0	-16.9	42.2	50.0	-7.8
12	0.689	37.2	36.6	56.0	-19.4	36.4	46.0	-9.6
13	1.377	37.1	36.2	56.0	-19.8	36.1	46.0	-9.9
14	1.476	36.2	35.1	56.0	-20.9	34.6	46.0	-11.4
15	0.198	48.2	47.5	63.7	-16.2	41.6	53.7	-12.1
16	1.275	37.6	34.5	56.0	-21.5	32.4	46.0	-13.6

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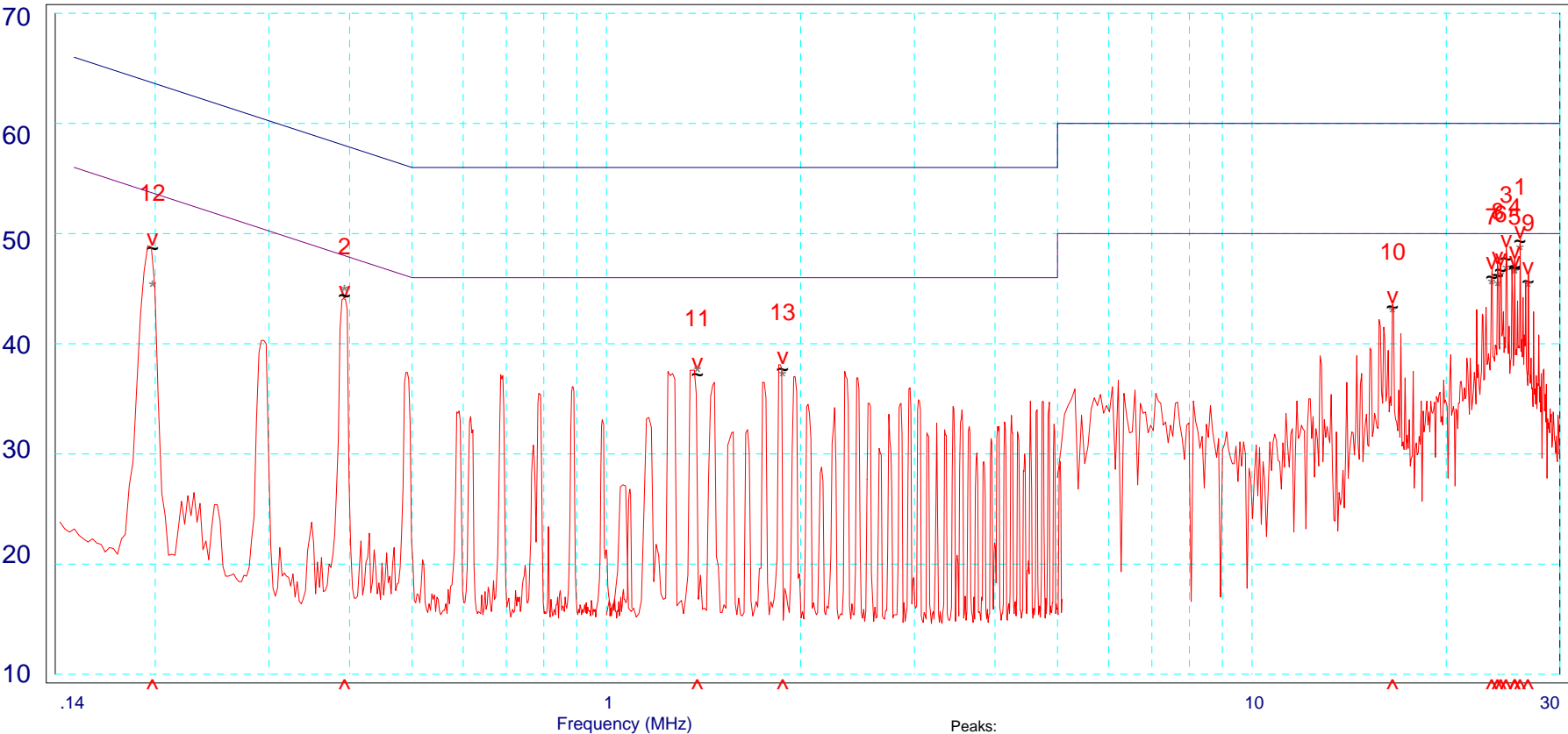
Conducted Emissions (dBuV)

Job No:M061023

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Test Date: 12/01/06

GRAPH No. 2



Acure Technology Pty Ltd
Rx Chassis

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)

Legend:
Neutral Line

Ver 5.5 Build 150
conducted lab 3
t:L0220507 c1:C1550607 c2:C1621206 p:NONE a:L0180707
Site ID: Room#1,57 Assembly Drv. Tullamarine, VIC
Test Officer:Ann Stevens

Source:
m061023w 4 5 6

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia
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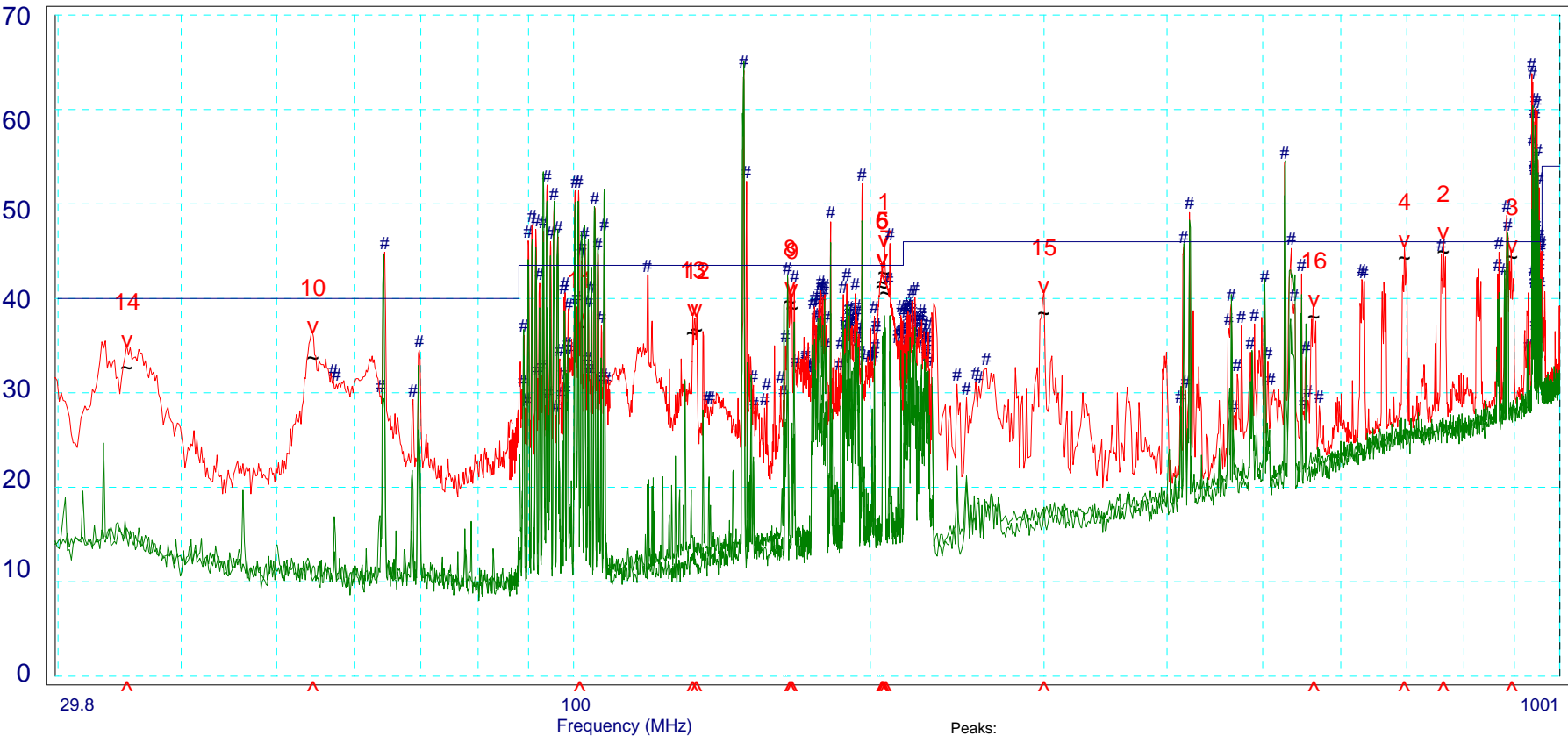
Peaks:								
No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQPN (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	26.04	49.5	48.7	60.0	-11.3	47.5	50.0	-2.5
2	0.393	44.1	43.8	58.0	-14.3	43.7	48.0	-4.3
3	24.78	48.7	47.1	60.0	-12.9	45.6	50.0	-4.4
4	25.54	47.6	46.4	60.0	-13.6	45.4	50.0	-4.6
5	25.54	46.7	46.2	60.0	-13.8	45.3	50.0	-4.7
6	24.29	47.0	46.1	60.0	-14.0	45.0	50.0	-5.0
7	23.54	46.7	45.4	60.0	-14.6	44.4	50.0	-5.6
8	24.03	47.2	45.5	60.0	-14.5	44.2	50.0	-5.8
9	26.79	46.2	45.0	60.0	-15.0	44.1	50.0	-5.9
10	16.52	43.5	42.7	60.0	-17.3	41.8	50.0	-8.2
11	1.384	37.5	36.6	56.0	-19.4	36.4	46.0	-9.6
12	0.198	48.9	48.0	63.7	-15.7	44.1	53.7	-9.6
13	1.876	38.0	37.0	56.0	-19.0	36.0	46.0	-10.0

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Radiated Emissions (dBUV/m)
= Ambient

Job No:M061023 p:\PCFM061023f_3.PCF
Test Date: 08-01-07

GRAPH No. 3



Acure Technology Pty Ltd
RX Chassis

Radio Emissions - Vertical Polarity

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

Legend:
— Vertical Ambients
— Vertical Emissions

Ver 5.5 Build 150
radiated emissions site 1 lerderderg
t:A1360607_10M c1:C1311107 c2:C2611107 p:NONE a:NONE
Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Chieu Huynh

Source:
m061023r 32 33 34 35 36 37 38 39
m061023r 10 11 12 13 14 15 16 17

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia
Phone+(613) 9335 3333 Fax+(613) 9338 9260

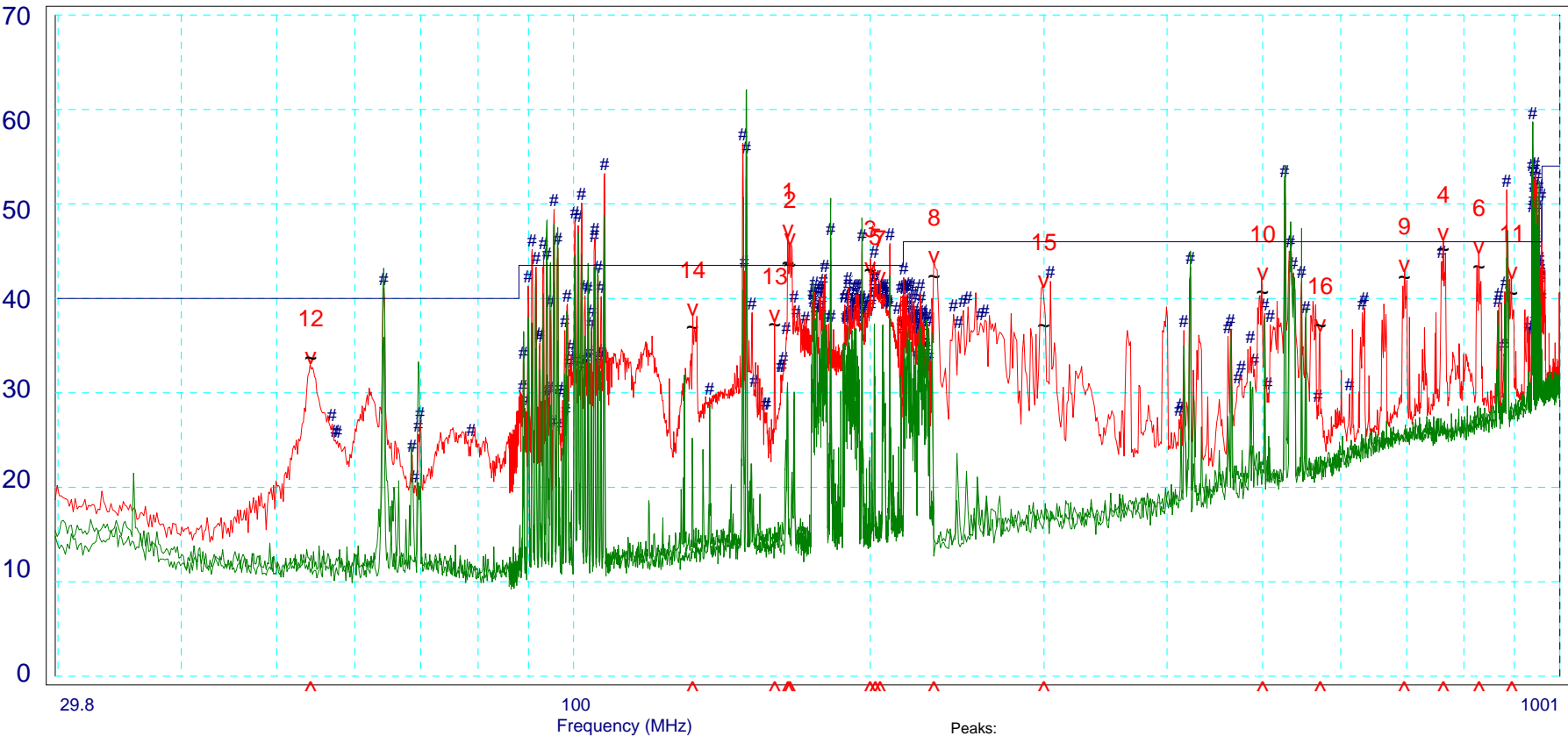
Peaks:					
No	Freq (MHz)	Peak (dBUV/m)	QP Val	FCC-B3 (dBUV/m)	dL1 (dB)
1	206.55	45.7	42.3	43.5	-1.2
2	762.55	46.5	44.5	46.0	-1.5
3	895.15	45.1	44.0	46.0	-2.0
4	696.23	45.6	43.9	46.0	-2.1
5	205.83	43.7	41.2	43.5	-2.3
6	205.61	43.6	40.8	43.5	-2.7
7	207.49	41.8	40.2	43.5	-3.3
8	165.78	40.7	39.3	43.5	-4.2
9	166.64	40.4	38.5	43.5	-5.0
10	54.40	36.5	33.3	40.0	-6.7
11	101.51	37.4	36.7	43.5	-6.8
12	133.31	38.3	36.2	43.5	-7.3
13	132.07	38.4	35.9	43.5	-7.6
14	35.24	35.1	32.3	40.0	-7.7
15	299.95	40.8	38.1	46.0	-7.9
16	563.62	39.4	37.6	46.0	-8.4

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Radiated Emissions (dBuV/m)
= Ambient

Job No:M061023 p:\PCFM061023f_4.PCF
Test Date: 08-01-07

GRAPH No. 4



Acure Technology Pty Ltd
RX Chassis

Radio Emissions - Horizontal Polarity

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

Legend:
— Horizontal Ambients
— Vertical Emissions

Ver 5.5 Build 150
radiated emissions site 1 lerderderg
t:A1360607_10M c1:C1311107 c2:C2611107 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) 9335 3333 Fax+(613) 9338 9260

Peaks:					
No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCC-B3 (dBuV/m)	dL1 (dB)
1	165.05	46.7	43.3	43.5	-2
2	165.78	45.9	43.1	43.5	-4
3	200.00	42.8	42.6	43.5	-9
4	762.54	46.3	44.8	46.0	-1.2
5	202.38	41.9	40.7	43.5	-2.8
6	828.87	44.9	42.9	46.0	-3.1
7	204.60	41.7	40.0	43.5	-3.5
8	232.12	44.0	41.9	46.0	-4.1
9	696.25	43.0	41.8	46.0	-4.2
10	499.99	42.2	40.2	46.0	-5.8
11	895.15	42.3	40.1	46.0	-5.9
12	54.14	33.3	33.3	40.0	-6.7
13	160.02	37.8	36.8	43.5	-6.7
14	132.05	38.4	36.5	43.5	-7.0
15	299.92	41.4	36.7	46.0	-9.3
16	572.01	36.7	36.7	46.0	-9.3