

EMC Technologies Report Number: M050435_Cert_Terminal

APPENDIX M – Emission Plots



EMC Technologies Pty. Ltd. - Global Product Certification

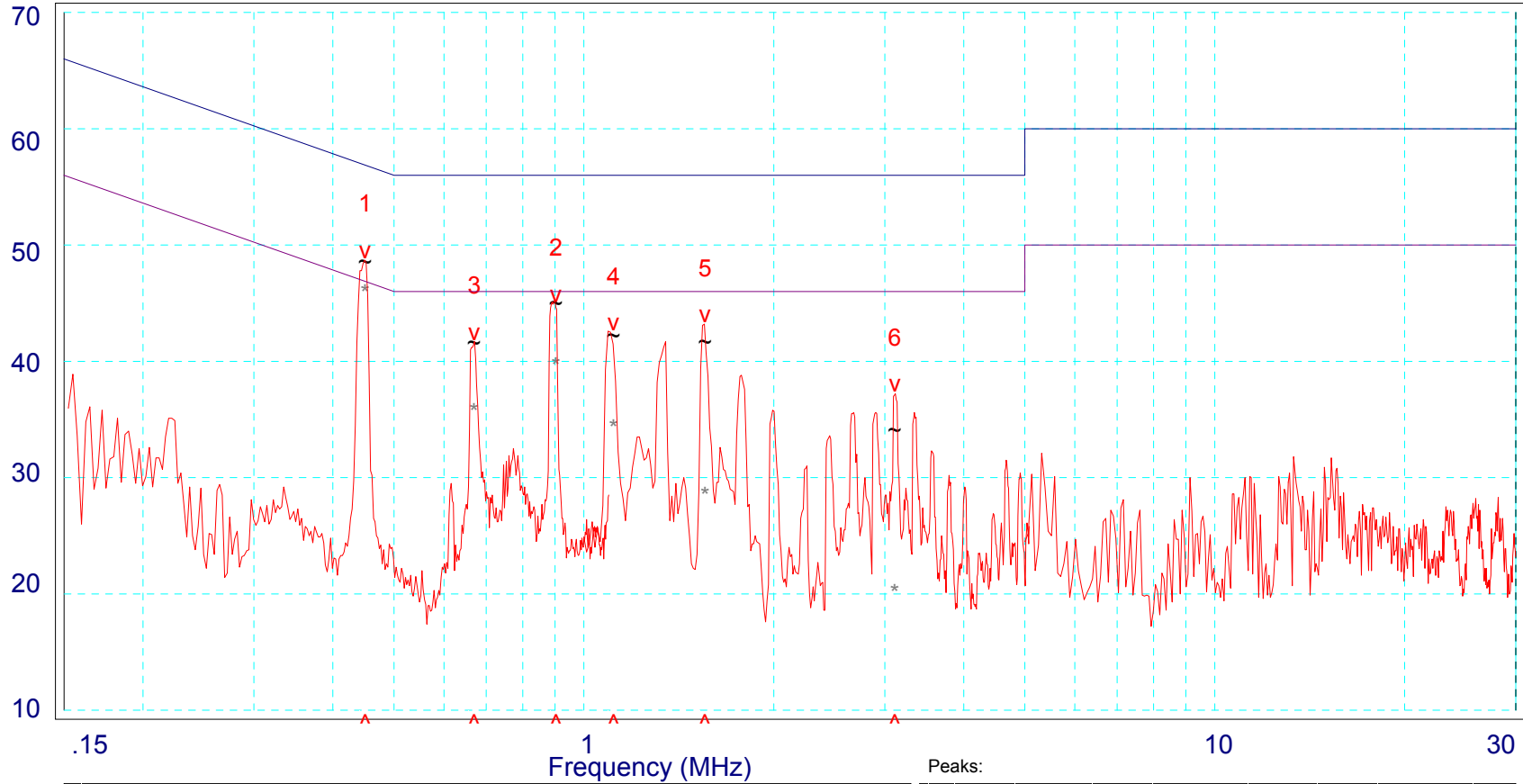
Conducted Emissions (dBuV)

Job No:M050435

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Test Date: 20-04-05

GRAPH No. 1



Keycorp Limited
Mobile EFTPOS Terminal

Conducted Emissions - Active Line

No	Freq (MHz)	Peak (dBuV)	Qp Val (dBuV)	FCC_BQPndL1 (dBuV)	(dB)	Av Val (dBuV)	FCC_BAVNdL2 (dBuV)	(dB)
1	0.450	48.7	47.7	56.9	-9.2	45.0	46.9	-1.9
2	0.903	44.9	44.2	56.0	-11.8	38.7	46.0	-7.3
3	0.670	41.7	40.7	56.0	-15.3	34.8	46.0	-11.2
4	1.114	42.5	41.3	56.0	-14.7	33.4	46.0	-12.6
5	1.556	43.2	40.9	56.0	-15.2	27.6	46.0	-18.4
6	3.110	37.2	33.2	56.0	-22.8	19.2	46.0	-26.8

Limits:
FCC_BQPn FCC PART 15 CLASS B CONDUCTED QP LIMITS (2002)
FCC_BAVN FCC PART 15 CLASS B CONDUCTED AVERAGE LIMIT (2002) Active Line

Legend:

Ver 5.5 Build 104
conducted lab 1 using L- 22 LISN
t:L0160305 c1:C1451205 c2:C1591205 p:NONE a:L0180705
Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC
Test Officer:Adam Chowanetz

Source:
M050435c 1 2 3

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

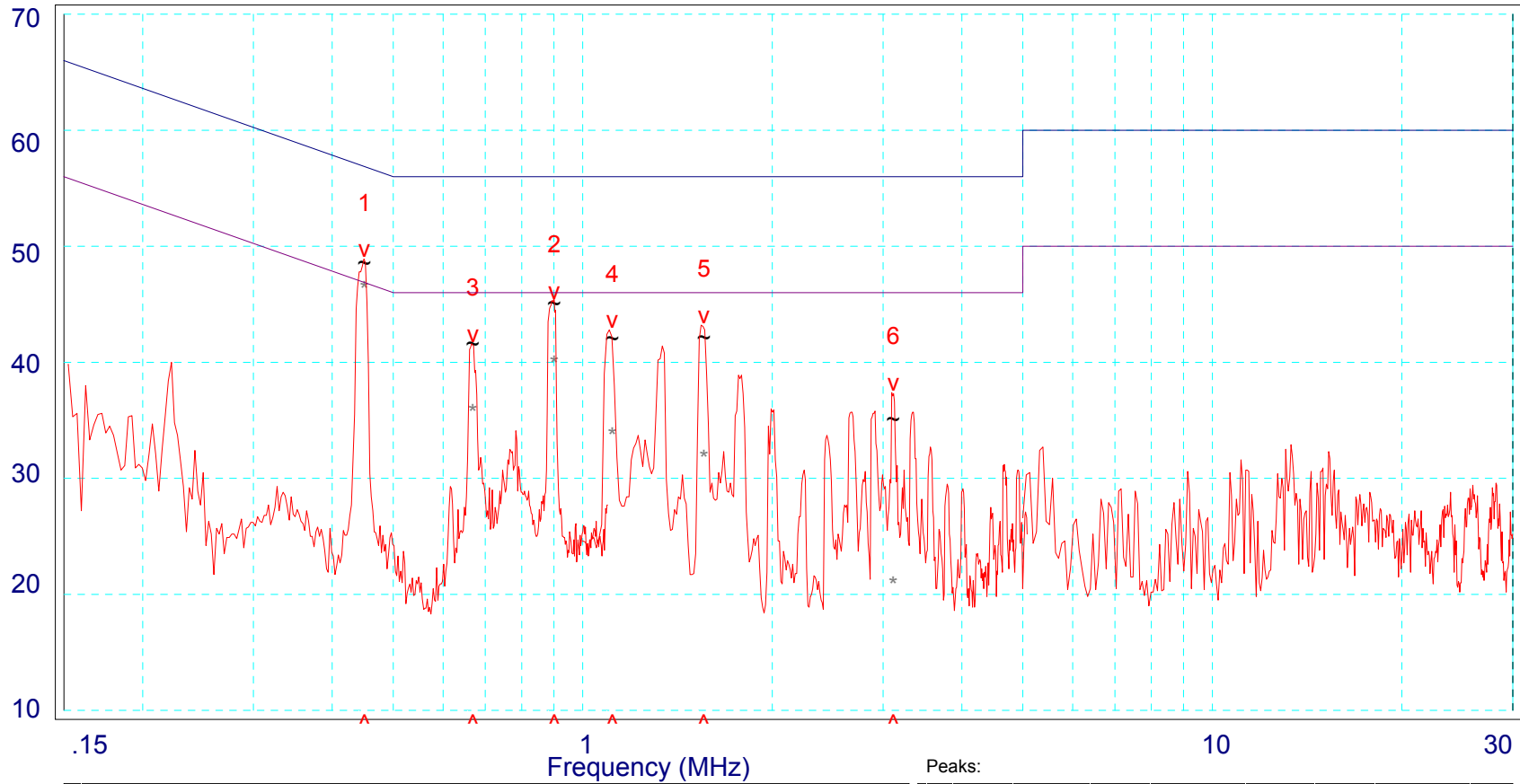
Conducted Emissions (dBuV)

Job No:M050435

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Test Date: 20-04-05

GRAPH No. 2



Keycorp Limited
Mobile EFTPOS Terminal

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

Legend:

Ver 5.5 Build 104
 conducted lab 1 using L- 22 LISN
 t:L0160305 c1:C1451205 c2:C1591205 p:NONE a:L0180705
 Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC
 Test Officer:Adam Chowanetz

Source:
 M050435c 4 5 6

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

No	Freq (MHz)	Peak (dBuV)	Qp Val (dBuV)	FCC_BQPnL1 (dBuV)	(dB)	Av Val (dBuV)	FCC_BAVNdL2 (dBuV)	(dB)
1	0.450	48.9	47.7	56.9	-9.1	45.4	46.9	-1.5
2	0.901	45.3	44.3	56.0	-11.7	39.0	46.0	-7.0
3	0.669	41.6	40.7	56.0	-15.3	34.8	46.0	-11.2
4	1.114	42.8	41.2	56.0	-14.8	32.8	46.0	-13.2
5	1.558	43.2	41.3	56.0	-14.7	30.8	46.0	-15.2
6	3.113	37.4	34.2	56.0	-21.8	19.9	46.0	-26.1

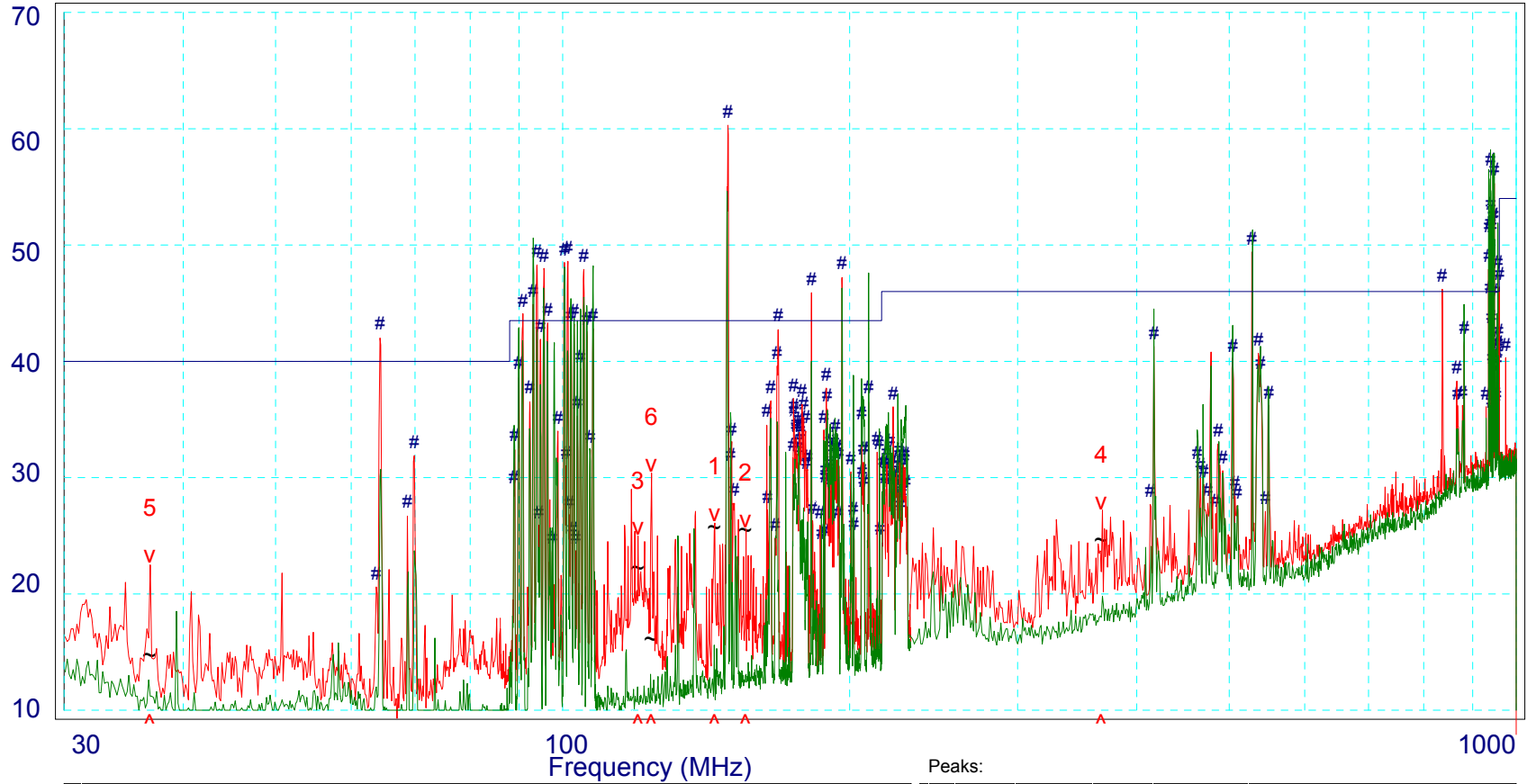
EMC Technologies Pty. Ltd. - Global Product Certification

Job No: M050435 p:\PCF\M050435c_3.PCF

Radiated Emissions (dBuV/m)
= Ambient

Test Date: 20-04-05

GRAPH No. 3



Keycorp Limited
Mobile EFTPOS Terminal

Radiated Emissions - Vertical polarity

Peaks:

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	FCC-B3 (dBuV/m)	dL1 (dB)
1	144.19	26.1	24.9	43.5	-18.6
2	155.43	25.6	24.6	43.5	-18.9
3	119.89	24.9	21.4	43.5	-22.1
4	366.99	27.1	23.8	46.0	-22.2
5	36.88	22.6	13.9	40.0	-26.1
6	123.79	30.4	15.3	43.5	-28.2

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

Legend: Vertical Emissions

Ver 5.5 Build 104
radiated emissions site 1 lerderberg
t:A1360705_10M c1:C1311205 c2:NONE p:NONE a:NONE
Site ID: OATS1,Lerderberg Gorge Rd, Bacchus Marsh, VIC
Test Officer: Petra Hansen

Source: M050435r 1 2 3 4 5 11 12 13

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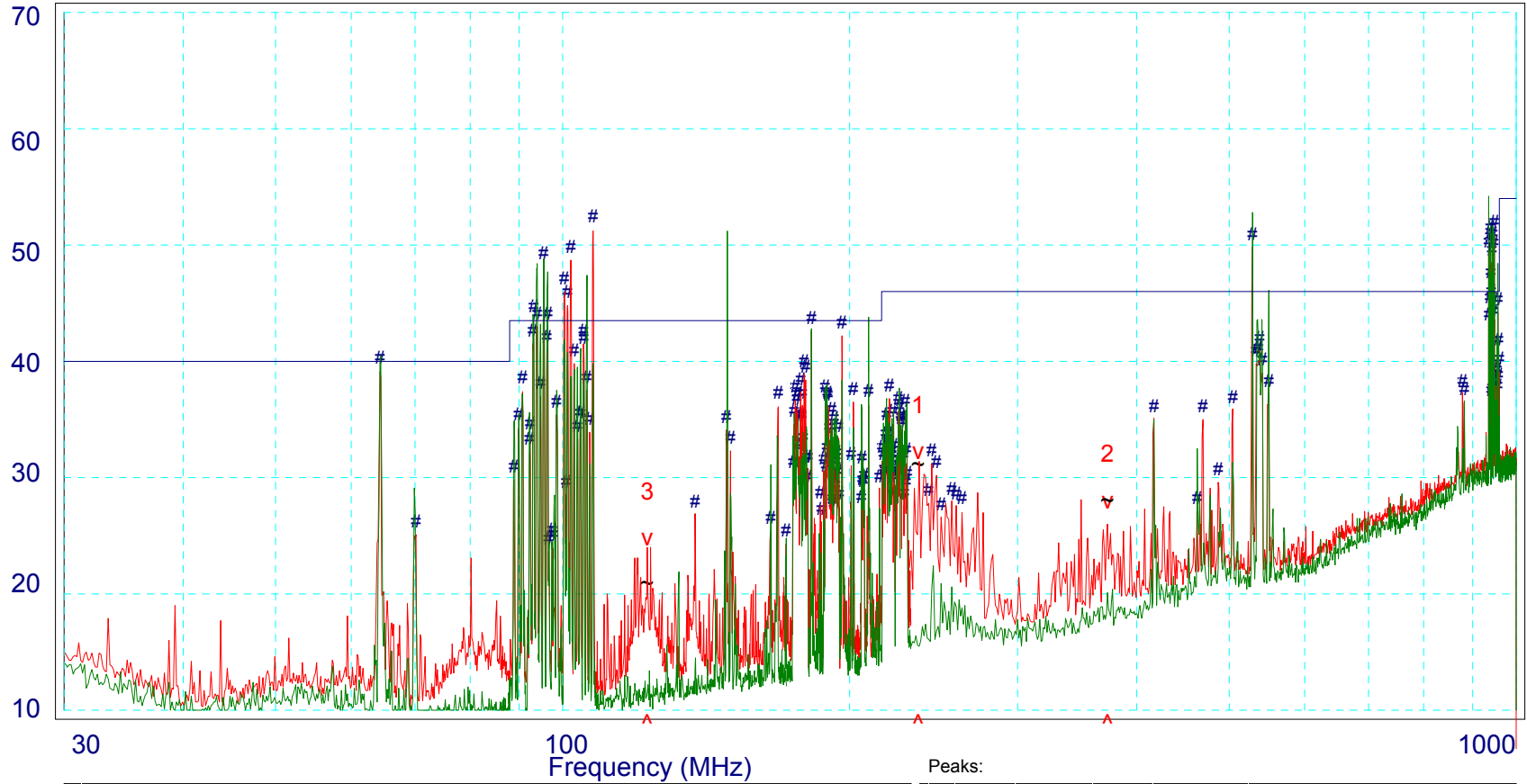
Radiated Emissions (dBuV/m)
= Ambient

Job No:M050435

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Test Date: 20-04-05

GRAPH No. 4



Keycorp Limited
Mobile EFTPOS Terminal

Radiated Emissions - Horizontal Polarity

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	FCC-B3 (dBuV/m)	dL1 (dB)
1	235.95	31.4	30.3	46.0	-15.7
2	372.64	27.2	27.2	46.0	-18.8
3	122.62	24.0	20.1	43.5	-23.4

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

Legend: — Horizontal Emissions

Ver 5.5 Build 104
radiated emissions site 1 lerderg
t:A1360705_10M c1:C1311205 c2:NONE p:NONE a:NONE
Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Petra Hansen

Source: M050435r 6 7 8 9 10 14 15 16

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