

**EMC Technologies Report Number: M040222\_Cert\_Mace\_Atheros\_2.4**

## **APPENDIX I – Graphs of EMI Measurement**



# EMC Technologies Pty. Ltd. - Global Product Certification

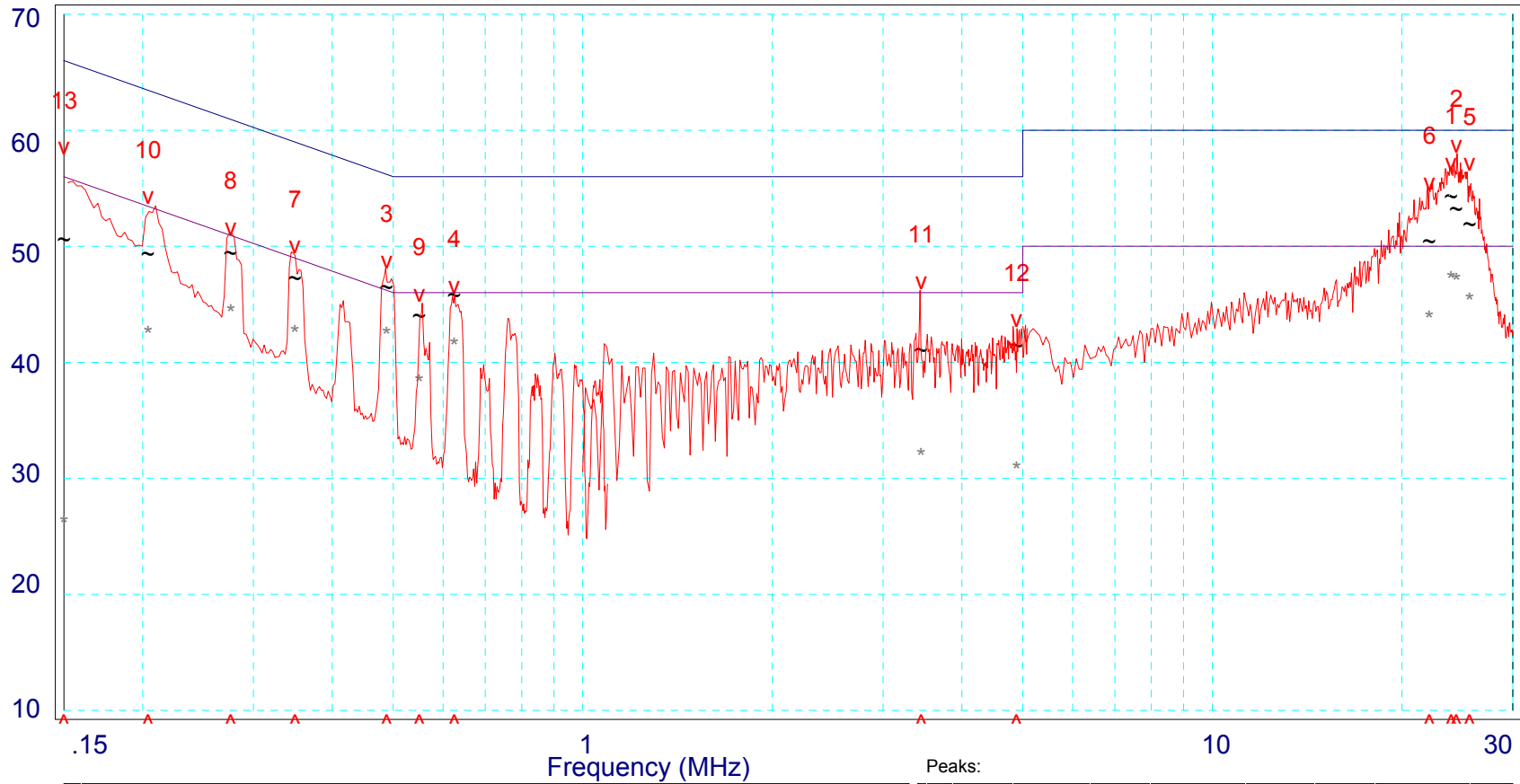
Conducted Emissions (dBuV)

Job No:M040223

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Test Date: 24/02/04

GRAPH No. 1



Fujitsu Australia Ltd  
 LifeBook T Series - Mace (Calexico2 11bg)  
 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) Active Line

Legend:  
 Source:  
 M040223c 4 5 6

Ver 5.5 Build 93  
 conducted lab 1, L-22 LISN  
 t:L0220104 c1:C1620105 c2:C1450105 p:NONE a:L0180704  
 Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC  
 Test Officer:Chieu Huynh

No	Freq (MHz)	Peak (dBuV)	Qp Val	FCC_BQPndL1 (dBuV)	(dB)	Av Val (dBuV)	FCC_BAVNdL2 (dBuV)	(dB)
1	23.94	56.4	53.4	60.0	-6.6	46.2	50.0	-3.8
2	24.41	57.9	52.4	60.0	-7.6	46.1	50.0	-3.9
3	0.488	48.0	45.6	56.2	-10.6	41.4	46.2	-4.8
4	0.625	45.8	44.9	56.0	-11.1	40.5	46.0	-5.5
5	25.61	56.4	51.1	60.0	-9.0	44.4	50.0	-5.6
6	22.11	54.7	49.6	60.0	-10.4	42.8	50.0	-7.2
7	0.349	49.2	46.4	59.0	-12.6	41.6	49.0	-7.4
8	0.276	50.8	48.6	60.9	-12.4	43.4	50.9	-7.5
9	0.550	45.1	43.1	56.0	-12.9	37.3	46.0	-8.7
10	0.204	53.5	48.5	63.4	-15.0	41.5	53.4	-11.9
11	3.446	46.2	40.2	56.0	-15.8	31.0	46.0	-15.0
12	4.887	42.9	40.6	56.0	-15.4	29.8	46.0	-16.2
13	0.150	57.7	49.7	66.0	-16.3	25.2	56.0	-30.8

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260  
 Sydney----- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019

# EMC Technologies Pty. Ltd. - Global Product Certification

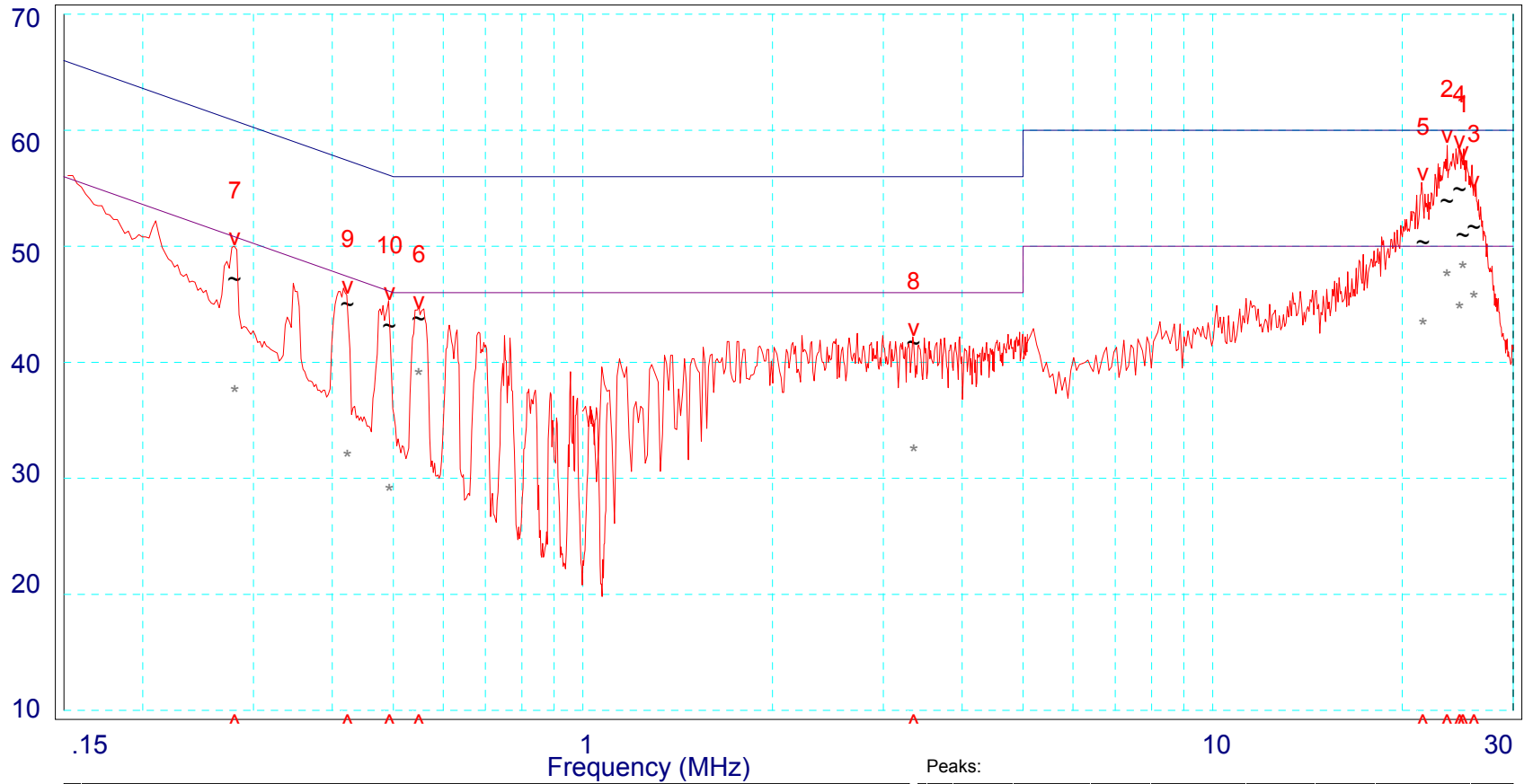
Conducted Emissions (dBuV)

Job No:M040223

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Test Date: 24/02/04

GRAPH No. 2



No	Freq (MHz)	Peak (dBuV)	Qp Val	FCC_BQPndL1 (dBuV)	(dB)	Av Val (dBuV)	FCC_BAVNdL2 (dBuV)	(dB)
1	24.97	57.4	50.1	60.0	-9.9	47.1	50.0	-2.9
2	23.55	58.7	53.1	60.0	-6.9	46.4	50.0	-3.6
3	25.98	54.9	50.8	60.0	-9.2	44.5	50.0	-5.5
4	24.65	58.3	54.0	60.0	-6.0	43.6	50.0	-6.4
5	21.57	55.5	49.5	60.0	-10.5	42.2	50.0	-7.8
6	0.549	44.5	42.9	56.0	-13.1	37.9	46.0	-8.1
7	0.280	50.0	46.3	60.8	-14.5	36.4	50.8	-14.4
8	3.351	42.2	40.8	56.0	-15.2	31.3	46.0	-14.7
9	0.423	45.8	44.1	57.4	-13.3	30.8	47.4	-16.6
10	0.493	45.3	42.3	56.1	-13.8	27.9	46.1	-18.2

Fujitsu Australia Ltd  
 LifeBook TSeries - Mace (Calexico2 11bg)  
 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) Neutral Line

Ver 5.5 Build 93  
 conducted lab 1, L-22 LISN  
 t:L0190104 c1:C1620105 c2:C1450105 p:NONE a:L0180704  
 Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC  
 Test Officer:Chieu Huynh

Source:  
 M040223c 7 8 9

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260  
 Sydney---- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019