

EMC Technologies Report Number M030949_Certification_Ocampa_Atheros_5.2

APPENDIX J

GRAPHS OF EMI MEASUREMENT - Atheros 802.11a



EMC Technologies Pty. Ltd. - Global Product Certification

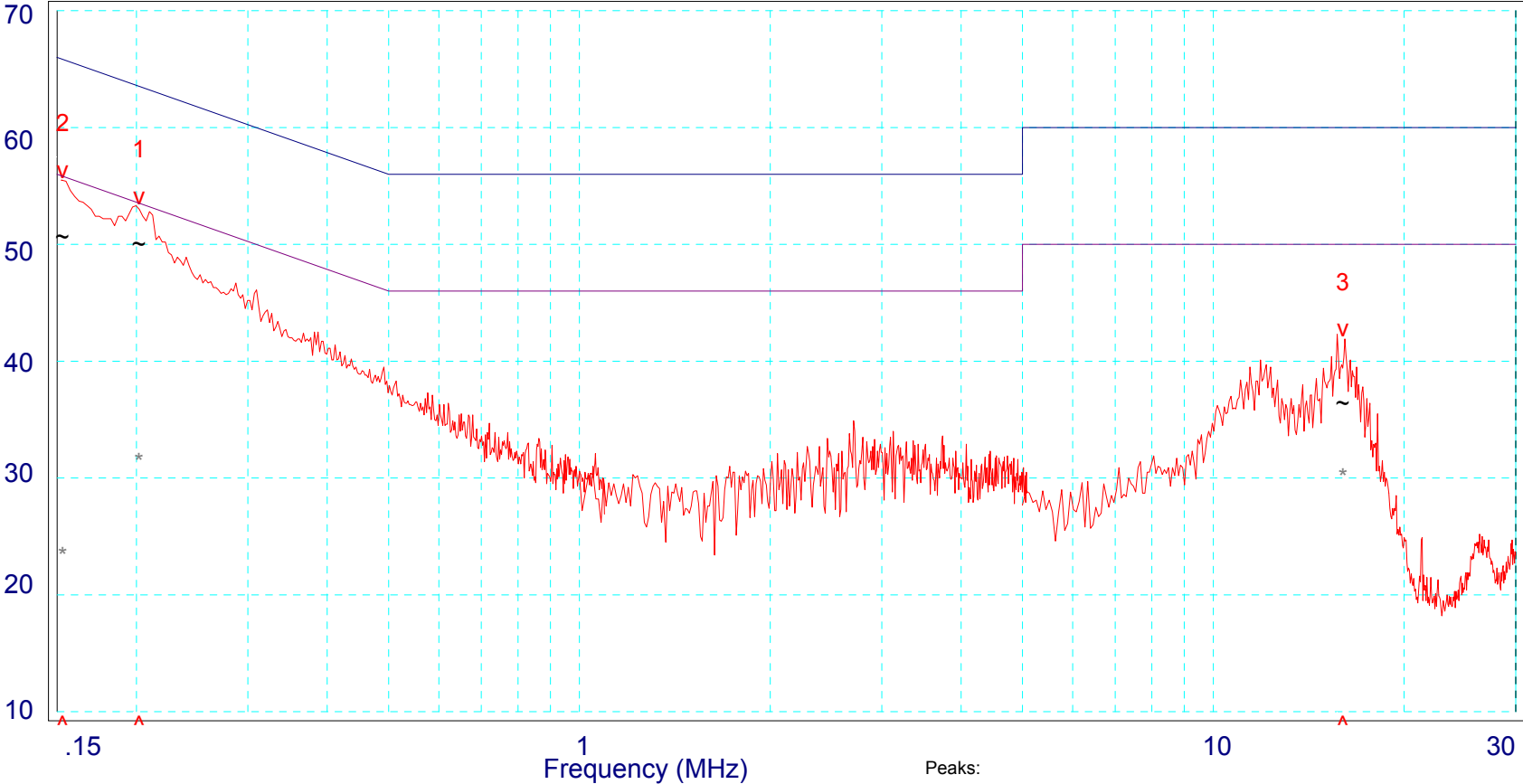
Conducted Emissions (dBuV)

Job No:M030949

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Test Date: 03-10-03

GRAPH No. 1



Fujitsu Australia Pty Ltd
STYLISTIC ST Series, ST5010D - Ocampa
(Atheros 11a)
Conducted Emissions - Active Line

Peaks:								
No	Freq (MHz)	Peak (dBuV)	Qp Val	FCC_BQPN (dBuV)	NdL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	NdL2 (dB)
1	0.202	53.3	49.2	63.5	-14.3	30.5	53.5	-23.0
2	0.153	55.5	49.8	65.8	-16.0	22.5	55.8	-33.3
3	16.01	42.0	35.6	60.0	-24.4	29.2	50.0	-20.8

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 90
conducted lab 3 using 25A LISN (L-22)
t:L0220104 c1:C1610504 c2:C1450504 p:NONE a:L0171103
Site ID: Room#1,57 Assembly Drv. Tullamarine, VIC
Test Officer:Janath Gunasekera

Source:
M030949c 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

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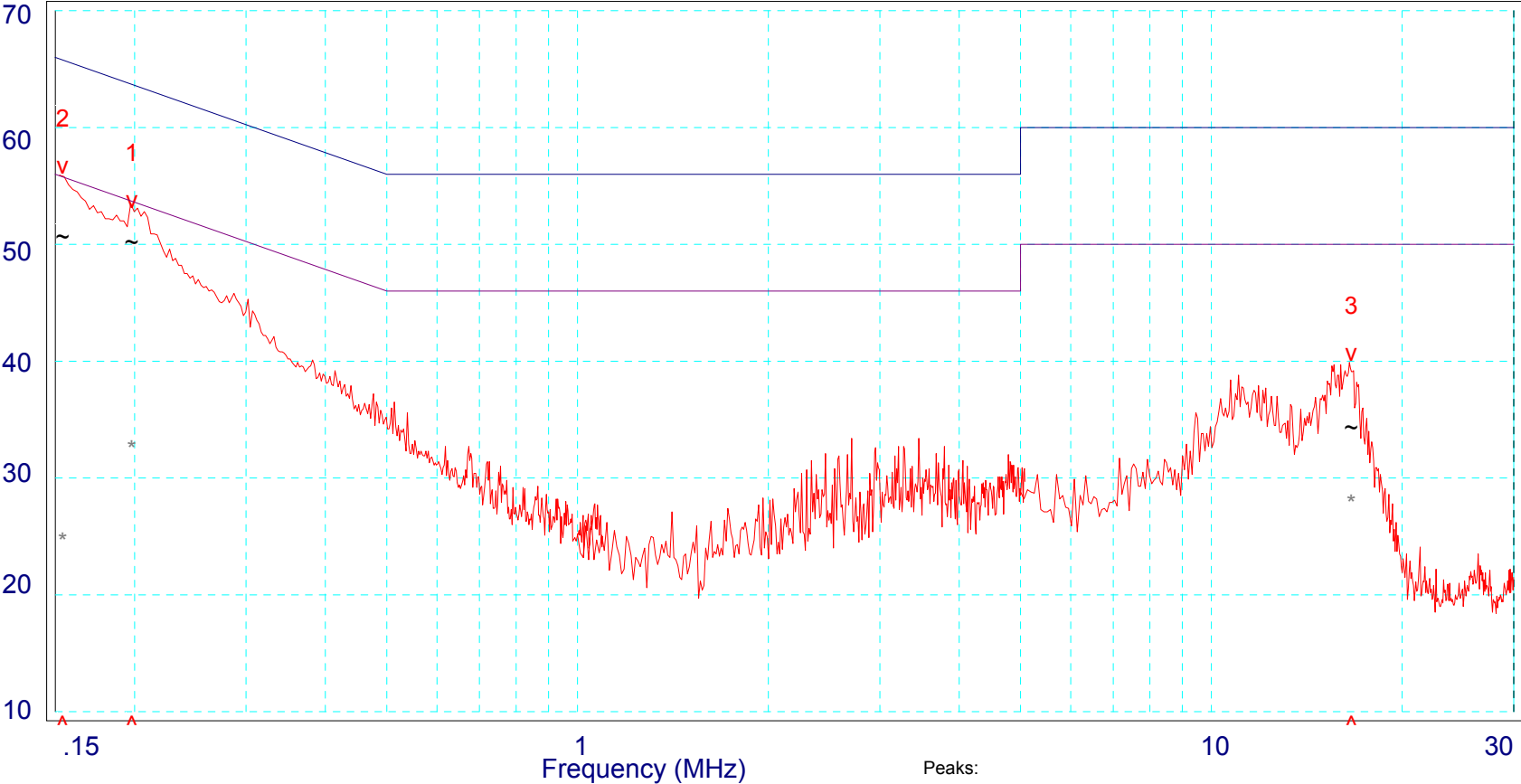
Conducted Emissions (dBuV)

Job No:M030949

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Test Date: 03-10-03

GRAPH No. 2



Fujitsu Australia Pty Ltd
STYLISTIC ST Series, ST5010D - Ocampa
(Atheros 11a)
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 90
conducted lab 3 using 25A LISN (L-22)
t:L0220104 c1:C1610504 c2:C1450504 p:NONE a:L0171103
Site ID: Room#1,57 Assembly Drv. Tullamarine, VIC
Test Officer:Janath Gunasekera

Source:
M030949c 10 11 12

Peaks:								
No	Freq (MHz)	Peak (dBuV)	Qp Val	FCC_BQPn (dBuV)	NdL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	NdL2 (dB)
1	0.198	53.0	49.3	63.7	-14.4	31.6	53.7	-22.1
2	0.154	55.9	49.8	65.8	-16.0	23.7	55.8	-32.1
3	16.62	39.9	33.5	60.0	-26.5	27.0	50.0	-23.0

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