

**EMC Technologies Report Number: M040405\_Cert\_Emilia\_Atheros\_5.2\_BT**

## **APPENDIX I – GRAPHS OF EMI MEASUREMENT**



EMC Technologies Pty. Ltd. - Global Product Certification

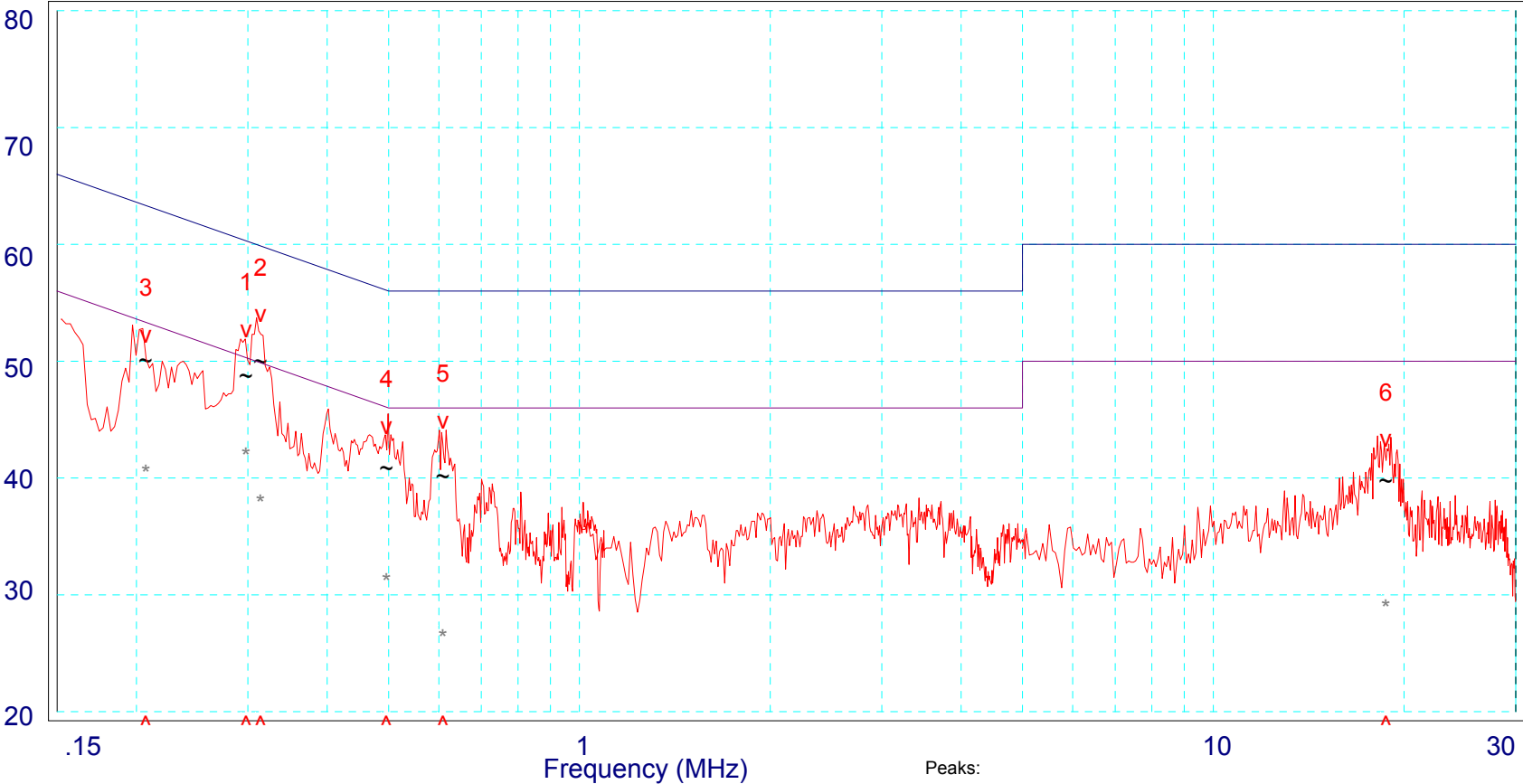
Conducted Emissions (dBuV)

Job No:M040405

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Test Date: 22/04/04

GRAPH No. 1



Fujitsu Australia Ltd  
LifeBook E Series - E8010D (Emilia)

Conducted Emissions - Active Line

Limits:  
FCC\_BQP 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 93  
conducted lab 3  
t:L0220405 c1:C1590105 c2:C1580105 p:NONE a:L0170105  
Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC  
Test Officer:Janath Janaka

Source:  
M040405C 7 8 9

| No | Freq (MHz) | Peak (dBuV) | Qp Val | FCC_BQP (dBuV) | NdL1 (dB) | Av Val (dBuV) | FCC_BAV (dBuV) | NdL2 (dB) |
|----|------------|-------------|--------|----------------|-----------|---------------|----------------|-----------|
| 1  | 0.298      | 51.9        | 47.9   | 60.3           | -12.4     | 41.0          | 50.3           | -9.3      |
| 2  | 0.314      | 53.2        | 49.1   | 59.9           | -10.8     | 37.0          | 49.9           | -12.9     |
| 3  | 0.207      | 51.5        | 49.2   | 63.3           | -14.1     | 39.5          | 53.3           | -13.8     |
| 4  | 0.496      | 43.7        | 40.0   | 56.1           | -16.1     | 30.2          | 46.1           | -15.9     |
| 5  | 0.609      | 44.1        | 39.3   | 56.0           | -16.7     | 25.4          | 46.0           | -20.6     |
| 6  | 18.71      | 42.5        | 38.9   | 60.0           | -21.1     | 28.0          | 50.0           | -22.0     |

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

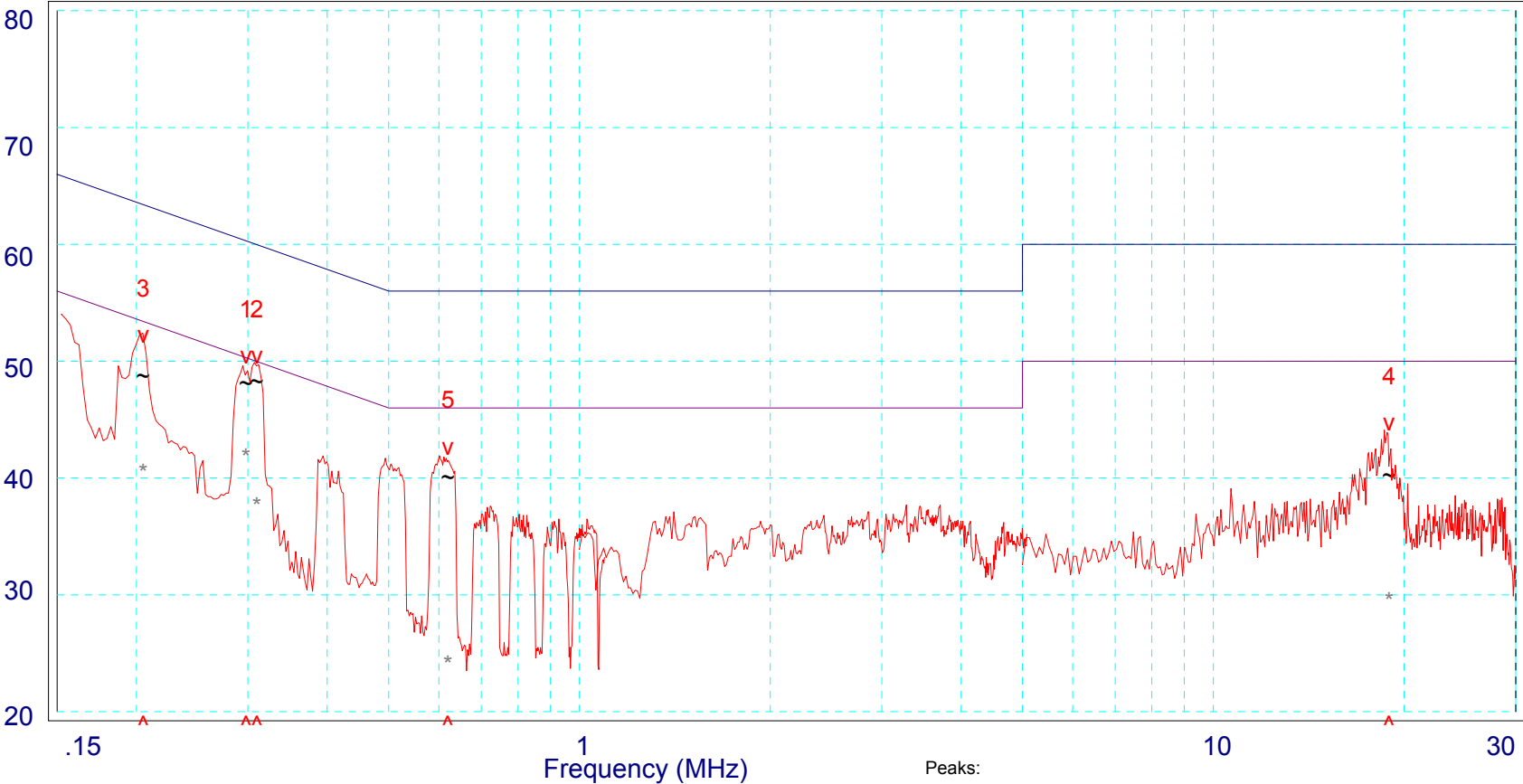
Conducted Emissions (dBuV)

Job No:M040405

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Test Date: 22/04/04

GRAPH No. 2



Fujitsu Australia Ltd  
LifeBook E Series - E8010D (Emilia)

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 93  
conducted lab 3  
t:L0220405 c1:C1590105 c2:C1580105 p:NONE a:L0170105  
Site ID: Room#3,57 Assembly Drv. Tullamarine, VIC  
Test Officer:Janath Janaka

Source:  
M040405C 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  | 0.298      | 49.7        | 47.3   | 60.3            | -13.0     | 40.9          | 50.3            | -9.4      |
| 2  | 0.310      | 49.7        | 47.4   | 60.0            | -12.5     | 36.7          | 50.0            | -13.3     |
| 3  | 0.205      | 51.4        | 47.9   | 63.4            | -15.6     | 39.6          | 53.4            | -13.8     |
| 4  | 18.93      | 43.9        | 39.4   | 60.0            | -20.7     | 28.6          | 50.0            | -21.4     |
| 5  | 0.620      | 41.9        | 39.2   | 56.0            | -16.8     | 23.2          | 46.0            | -22.8     |

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