

**EMC Technologies Report Number: M040223\_Cert\_Mace\_Calexico2**

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



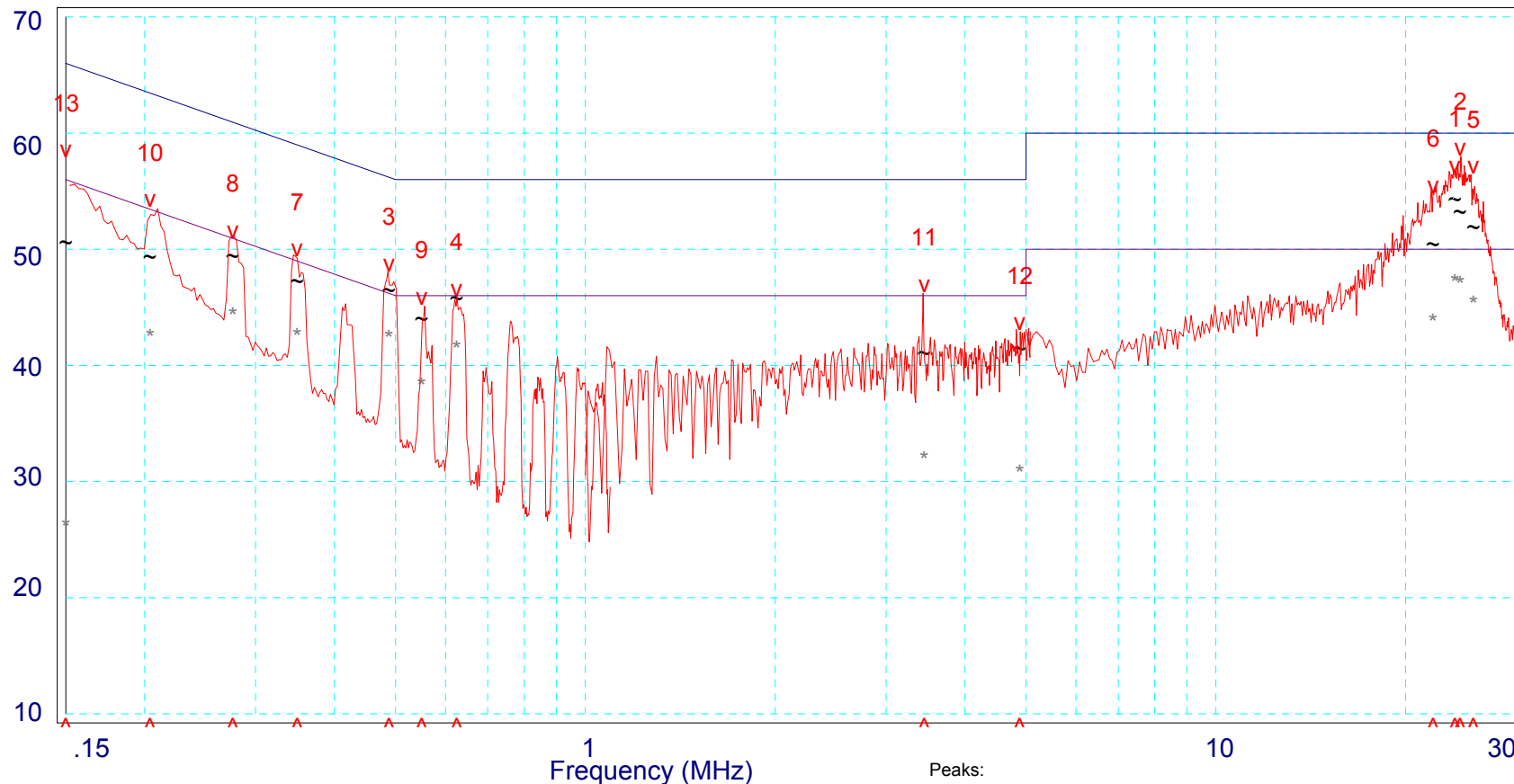
# EMC Technologies Pty. Ltd. - Global Product Certification

Conducted Emissions (dBuV)

Job No:M040223 r:\PCF\M040223\_1.PCF

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

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

Source:  
M040223c 4 5 6

Peaks:

| No | Freq (MHz) | Peak (dBuV) | Qp Val | FCC_BQPN (dBuV) | NdL1 (dB) | Av Val (dBuV) | FCC_BAVN (dBuV) | NdL2 (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

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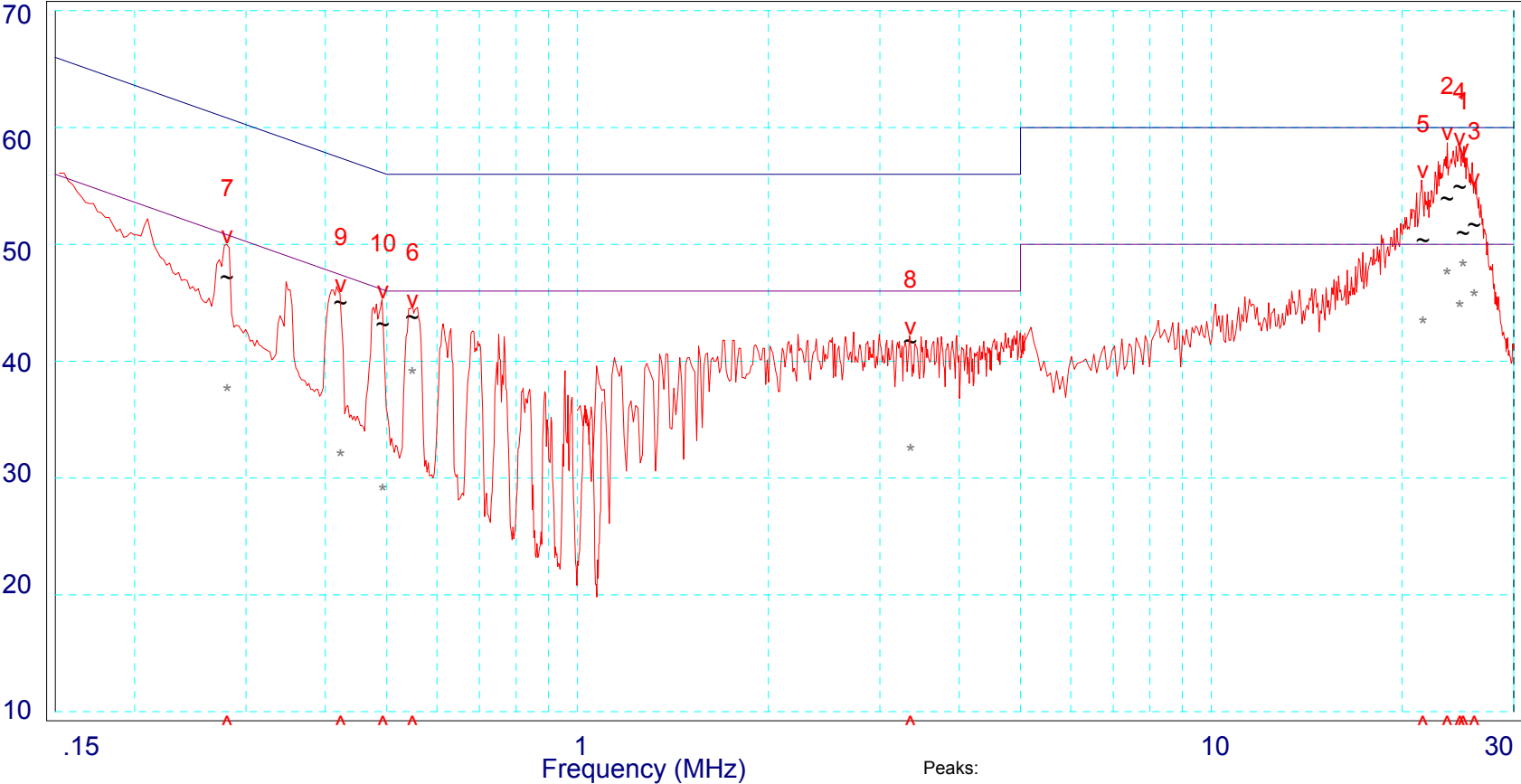
Conducted Emissions (dBuV)

Job No:M040223

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Test Date: 24/02/04

GRAPH No. 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

Legend:

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

| Peaks: |            |             |        |                 |           |               |                 |           |
|--------|------------|-------------|--------|-----------------|-----------|---------------|-----------------|-----------|
| No     | Freq (MHz) | Peak (dBuV) | Qp Val | FCC_BQPN (dBuV) | NdL1 (dB) | Av Val (dBuV) | FCC_BAVN (dBuV) | NdL2 (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     |