



**EMC Technologies Pty Ltd**  
ABN 82 057 105 549  
57 Assembly Drive  
Tullamarine Victoria Australia 3043

Ph: + 613 9335 3333  
Fax: + 613 9338 9260  
email: melb@emctech.com.au

**DATE: 11<sup>th</sup> August 2005**  
**Report Reference: M050509**

**To: Diane Poole**  
**Diane.Poole@fcc.gov**  
**FCC Application Processing Branch**

**Re: FCC ID EJE-WB0026**  
**Applicant: Fujitsu Limited**  
**Correspondence Reference Number: 29364**

**FCC Question:**

Revised 5GHz – band SAR report was submitted including the edge position. 2.4GHz edge- position SAR data not found – please explain and/or revise.

**Response:**

SAR levels measured in the laptop host were less than 1mW/g in the “Lap Arm Held” and “Tablet” test positions. A decision was made not to test the 2.4GHz WLAN mode in the “Edge Position” due to the extremely low probability of a significant SAR level. This decision is based on previous experience with similar laptops and constitutes a sound engineering practice. The SAR results from the 5.8GHz band were found to be close to the limit in the “Tablet” position and the results in the “Edge” position for this frequency range were only slightly higher (approx 3%).

SAR measurement results in the 5GHz band are often unpredictable and therefore warrant further tests. For the 2.4GHz band the results are consistent and predicable. Therefore the proposed tests in the “Edge” position would not influence the result significantly in the lower 2.4GHz frequency band.



NATA Accredited  
Laboratory Number: 5292

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EMC Technologies Pty. Ltd., 57 Assembly Dve., Tullamarine, Vic., 3043, Australia.  
Phone : +61 3 9335 3333 Fax: +61 3 9338 9260 www.emctech.com.au