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DATE: 11th 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: 29366

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.



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Laboratory Number: 5292

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