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**To:** TIMCO Engineering Inc.

**Attention:** Certification Manager

**No. of pages:** 1

**From:** Donna Lennon

**Date:** 23<sup>rd</sup> April 2007

**EMC Ref:** M070317\_Cert\_AR5BXB6\_NII\_C2PC

**Subject:** FCC/IC Class II permissive change – FCC ID: EJE-WL0011, IC ID: 337J-WL0011

Please receive EMC Technologies' Report M070317\_Cert\_AR5BXB6\_NII\_C2PC for review. The EUT is Atheros Mini-PCI Wireless LAN Module (XB62 11a+b/g), Model: AR5BXB6 installed in Fujitsu notebook PCs.

The AR5BXB6 WLAN module has been certified by Fujitsu Australia Ltd under the FCC ID: EJE-WL0011 (IC: 337J-WL0011) granted on the 21<sup>st</sup> April 2006. The additional frequency band: 5500 – 5700 MHz was not approved under the same FCC ID. The intention of this application is to add host model (Fujitsu Notebook) and re-certify the AR5BXB6 WLAN module installed in host, models: E8410/ E8490 with an additional band: 5500 – 5700 MHz as a **Class II Permissive Change**.

Limited Modular Approval (LMA) details to cover the following Fujitsu notebook configurations:

| Fujitsu Notebook Model          | WLAN Module  | WLAN Antenna           | FCC/IC CERTIFICATION STATUS        |
|---------------------------------|--------------|------------------------|------------------------------------|
| E8210                           | Atheros XB62 | 2 x Inverted F antenna | GRANT Issued<br>FCC ID: EJE-WL0011 |
| Q2010                           |              | 2 x Inverted F antenna |                                    |
| S7110                           |              | 2 x Monopole Antenna   |                                    |
| Following NEW Model to be added |              |                        |                                    |
| E8410/E8490                     | Atheros XB62 | 2 x Inverted F antenna | Tested model in this application   |

\*The antenna gain details are provided in supplied documents.

**This is a composite submission.**

**NII submission - Documents submitted:**

EMC Technologies Report – M070317\_Cert\_AR5BXB6\_NII\_C2PC  
Appendix A – Antenna Details, Appendix B – Photos, Attachment1 – RF Exposure Information  
Result Appendixes  
FCC Forms: Form 731, Agent Authority and Confidentiality Request  
IC Forms: IC Appendix I-II, Agent Authority and Confidentiality Request

**DTS submission is submitted separately.**

Refer to EMC Technologies Report – M070317\_Cert\_AR5BXB6\_DTS\_C2PC

EMC Technologies Pty Ltd is acting as agent for Fujitsu Ltd during this product approval.  
Their corresponding FRNs are 0009379173 and 0013134713.

Regards

**Donna Lennon**  
**Report Secretary**  
**EMC Technologies Pty Ltd**