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## **MODULAR APPROVAL REQUEST LETTER**

**FCC ID:** QK3-WL0002  
**Industry Canada ID:** IC-337H-WL0002  
**Test Sample:** Mini-PCI Wireless LAN Module  
**Wireless Module:** Broadcom  
**Model Number:** WLL3010  
**Tested for:** Fujitsu Australia Ltd  
**Report/Submission No.** M030233\_RFWL

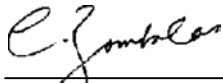
EMC Technologies Pty Ltd attests that the Mini-PCI Wireless LAN module (Broadcom), model WLL3010, complies with the requirements of FCC Public Notice DA00-1407. All listed requirements have been met and compliance is shown in the following statements.

1. "The modular transmitter must have its own RF Shielding": The radio portion of this module has been shielded, please see exhibit - Appendix B2 (EUT Photographs).
2. "The modular transmitter must have buffered modulation/data inputs": The EUT has buffered data inputs, it is integrated in chip BCM4306.
3. "The modular transmitter must have its own power supply regulation": The chips IF converter and RF/IF converter which will influence the frequency radiation, have to be 1.8V DC powered. The Mini-PCI interface provides a 3.3VDC, so there are regulators in front of these chips. The part number of this regulator is LM2612.
4. "The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C)": The EUT meets the FCC antenna requirements. The spurious emission, unique antenna connector and photo of antennas have been submitted for review. Refer to Test Report Number M030233\_RFWL and the following exhibits - Appendix B1(Test Setup Photos), Appendix I (Antenna Details (Inverted F)) and Appendix J (Antenna Details (Monopole)).
5. "The modular transmitter must be tested in a stand-alone configuration": The Broadcom module by itself is already certified - FCC ID: H8NWL3010. Module complies in stand-alone configuration.
6. "The modular transmitter must be labeled with its own FCC ID number: FCC ID for Broadcom module displayed in Exhibit - Appendix D (FCC ID Labelling).

7. "The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements".: The EUT is compliant with all applicable FCC rules. Detailed instructions for maintaining compliance are given in the Users Manual. Refer to exhibit - Appendix K (Broadcom User Manual).
8. "The modular transmitter must comply with any applicable RF exposure requirements".: The EUT is compliant with all applicable RF exposure requirements. RF exposure is addressed in Test Report Number M030233\_RFWL.

Please do not hesitate to contact me if you require any additional information.

Best Regards



**Chris Zombolas**  
**Technical Director**  
**EMC Technologies Pty Ltd**