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**To:** TIMCO Engineering Inc.

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**Attention:** Certification Manager **No. of pages:** 1

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**From:** Donna Lennon **Date:** 20<sup>th</sup> August 2007

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**TIMCO job #** 2779AC7

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**EMC Ref:** M060902\_Cert\_Rx

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**Subject:** **FCC APPROVAL – FCC ID: U4A-PRXTRMH1 (Additional information)**

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Based upon our review of this application we have the following questions:

1. TEST REPORT: Please confirm this EUT complies with the 15.209(c) requirement: "The level or any unwanted emissions from an intentional radiator operating under these general provisions shall not exceed the level of the fundamental emission.." For this device operating at 125 kHz, the fundamental limit would be  $2400/125 = 19.2$  dBuV/m at 300m. With a correction factor for 3 meter measurements, add 80 dB. Therefore, at 3 meters, the limit is 99.2 dBuV/m. Radiated Spurious Emissions must be below this value. Please supply supporting documentation showing the EUT complies.  
**Yes, the EUT complied with the 15.209 requirements.**  
**Refer to Appendix H - Graphs of EMI measurements and revised test report.**
2. TEST REPORT: Please supply an Occupied Bandwidth Plot centered at 125kHz showing what the bandwidth looks like. Thank you.  
**125 kHz signal (fundamental) was very low (noise floor) - not measurable.**
3. TEST REPORT: Cover Page: The Cover page of the Test Report is dated 6 July 2007. Please check the Appendix A page for Calibration Due Date accuracy. If an instrument being used is out of calibration, it voids the entire Test Report. Thank you.  
**The instruments were within the calibration due date when testing was conducted. Testing was conducted in September 2006 however the test report was not issued until July 2007 (The test report issue date is July 2007).**
4. RFID DEVICES: Please note that RFID Devices are classified as "Intentional Radiators." These devices are not classified as Readers or Unintentional radiators. For example, this device we are examining for Certification is being Certified under Rule Part 15.209, an Intentional Radiator. Thank you.  
**EUT was tested to 15.209**

Regards

A handwritten signature in cursive script that reads "Donna Lennon".

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