

Sep. 8th, 2005
RE: 3e Technologies International Inc.
FCC ID: QVT-WLAN-MP2

Dear Tim,

Here are our answers,

1) The new users manual provided mentions omni-directional antenna information on page 10. First please note that omni and directional are terms that contradict each other. Second it is assumed from the gains that these are likely omni antennas and currently this application does not cover these antennas. Note that even though the gain of these antennas may be lower, these are considered a different type of antenna and therefore must be tested. This will require additional testing if these antenna are to be included in this application, or they must be removed from the application. Antennas are only considered of the same type if they have similar in band and out of band emissions patterns. Please review/correct as necessary.

ANS: I have deleted the omni-directional antenna information, refer to file "FCC CM9 WLAN Card Manual 0829.pdf"

2) The new users manual mentions operation in the 5.15 – 5.35 GHz band. This is not allowed for this device. Please correct.

ANS: Sorry again. I have removed the operation in the 5.15 – 5.35 GHz band refer to file "FCC CM9 WLAN Card Manual 0829.pdf"

3) The output powers in the new manual do not appear to match this application. Note that power in this application was shown to be around 200 mw for 2.4 GHz and 100 mW for 5 GHz. Please correct.

ANS: I have corrected the output powers refer to file "FCC CM9 WLAN Card Manual 0829.pdf"

4) On pages 15 -19 of the EMC report, the difference between Peak and Average values for many measurements 20 dB or more for measurements at 11 and 17 GHz and some in the 4 GHz range. Typically the difference between peak and average on this type of transmitter is only 10-12 dB, regardless of 802.11a, b, or g. Note that later in the report the difference at the fundamental also supports a 10-12 dB difference. The larger delta for these measurements tends to suggest that maybe the fundamental was not configured properly for continuous transmission during this test and possibly a larger VBW should be used in order for average measurements to be considered valid. Note that the VBW must be $> 1/T_{on}$ time. Please explain.

ANS: It has been corrected. Please refer to the revised report 05LR010 part 1-3 0829

5) Page 17 of the EMC report shows a peak measurement at 4743 MHz that exceeds the average limit, but an average measurement was not provided. Please provide.

ANS: It has been corrected. Please refer to the revised report 05LR010 part 1-3 0829

6) Page 46 of the EMC report shows a average measurement that exceeds the limit. Please review.

ANS: It has been corrected. Please refer to the revised report 05LR010 part 1-3 0829

Please review

Daphne Liu