American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

December 13, 2007

RE: MiTAC Technology Corp.

FCC ID: MAU8212X

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

1. The FCC requires three frequencies in each band to be tested. In the 5.15-5.25 and 5.25-5.35 GHz bands have different rules so 3 test frequencies in each band must be tested. This means 3 frequencies in the 5.15–5.25 GHz band; 3frequencies in the 5.25-5.35 GHz band; Please provide testing in accordance with 15.31(m).
2. The manual needs to clearly state that this is a DFS client only and do not support ad-hoc mode or peer-to-peer mode.
3. Please provide Tune-up procedures for GSM/GPRS/WCDMA device.
4. Technical Description(3G Novatel-EU870D) shows "equipment under test (EUT) is the EU870D, a quad-band (850/900/1800/1900) GSM/GPRS and a tri-band (850/1900/2100) UMTS/HSDPA diversity module", where 900/1800 and 2100 MHz frequency band are not allowed operating in USA for this module. Please remove it from operation description.
5. Please confirm this HSDPA is functioning on 3GPP revision 5, since TCBs can not certify revision 6 HSDPA.
6. Please confirm the antenna located at left side of the display panel (less than 20cm away from body) is for receiver only. For the portable device(less than 20cm), it is required to do SAR test if the output power level is greater than low threshold (49.2mW).
7. Please provide MPE(Maximum Permission Exposure) reports for the mobile device(>20cm) 802.11b/g/a.
8. Part 22H;24E report:
   Please confirm if the equation ERP=SG LEVEL+Antenna Gain + Cable Loss is correct for substitution method shown at page12.
9. The calculation for radiated power ERP and EIRP shown at page 13 , 14 appears to be not correct. For example, please explain how you can get ERP=18.78 dBm from SG Level= -6.092 antenna gain=6, cable loss 1.42 for 82.4MHz frequency.
10. Field strength of spurious radiation shown at page 35 is over limit. Please clarify.
11. Each calculated results from p35 to p45 seem to be not correct. Please double check.
12. DFS test report: Please follow the FCC new requirement on the following testing:
    - –Channel Closing Transmission Time: < 200 ms
      - •Plot required with sweep not to exceed 600 ms
    - –Channel Move Time: < 10 sec.
      - •Bin 1 through 5 –sweep of approximately 12 sec.
      - •Bin 6 (Long Pulse) –sweep approximately 22 sec

Best regards,

~ George Chen
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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.
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