

July 14, 2003

Subject: Permissive Class II change for FCC ID: QVZ10010000

Dear Sir,

The Bluetooth USB PC Adapter, Model No.: MBT-1103, FCC ID: QVZ10010000 need to apply for the Class II Permissive Change due to change of components/ PCB thickness (please refer to the following table). We evaluated that the changed would NOT affect the RF characteristics except for the Radiated Spurious Emission.

The product has conducted the Radiated Spurious Emission test and compliance with the CFR 47 Part 15 Subpart C 15.247 and relative regulations. For more details, please refer to the test report.

If you have any question, please feel free to contact me.

Best Regards,



Elton Chen
Assistant Manager
Intertek Testing Service Taiwan Ltd.

List of modification items from MBT-1101 to MBT-1103:

1. Model name changed from MBT-1101 to MBT-1103.
2. PCB thickness change from 0.6mm to 1.0mm.
3. Capacitor C22 changed from 1.8pF to 2.2pF.
4. Inductor L2 and L3 changed from 2.7nH to 3.3nH.
5. Dual package LED (D1, D2) is replaced by single package LED (D1, D2, D3, D4). Only one LED (D2) is populated on MBT-1103.
6. On the top side, added R13 and R14 for LED power supply. Only R14 is populated on MBT-1103.
7. Housing change from transparent (MBT-1101) to non-transparent plastic (MBT-1103). The PCBA is inserted into an extra plastic glove and assembled into the housing.
8. Widcomm BTW changed from V1.3.2.7 to V1.4.