

December 21, 2010

Timco Engineering, Inc.  
Telecommunication Certification Body  
849 NW State Road 45  
Newberry, FL 32669

**SUBJECT: XPLORE TECHNOLOGIES CORPORATION  
FCC ID: Q2GI6200-XPL  
Class II Permissive Change  
Limited Modular Approval**

On behalf of Xplore Technologies Corporation is a Class II Permissive Change application to the originally certified modular device under Part 15 Subparts C and E of the FCC Rules.

This Class II Permissive Change is to incorporate the 622ANHMMW 802.11a/b/g/n WLAN Module FCC ID: Q2GI6200-XPL into the Xplore Technologies iX104C5 Rugged Tablet PC under Limited Modular Approval. The 622ANHMMW 802.11a/b/g/n WLAN Module will be utilized in the iX104C5 Rugged Tablet PC with a transmit diversity antenna (MAIN/AUX) supporting MIMO operations. The MAIN transmit diversity antenna is located within the same housing as the co-located WWAN antenna (see below for co-located WWAN description). The co-located WWAN has two alternate antenna types - "Pump-Up" (higher gain) and "Non Pump-Up" (lower gain). The alternate WWAN antennas have different housing and therefore the WLAN antenna is located within the alternate housing of the "Pump-Up" and "Non Pump-Up" WWAN antenna. The WLAN antenna is the same part number as the WWAN antenna (SkyCross 25.90A14.001 for "Pump-Up" configuration and SkyCross 25.90A0P.001 for the "Non Pump-Up" configuration). Preliminary evaluations were performed for both WLAN antenna housing configurations and the "Non Pump-Up" WLAN housing configuration was determined to be the worst-case configuration (as shown in the RF exposure exhibits). The MAIN (Chain A) transmit diversity antenna is located at the upper left hand side on the top edge of the tablet pc ("0-degrees landscape" LCD display orientation) above the display screen; the AUX (Chain B) transmit diversity antenna (SkyCross Part Number: 25.90A0Q.001) is located at the upper right hand side on the top edge of the tablet pc ("0-degrees landscape" LCD display orientation) above the display screen.


There are no changes made to the 622ANHMMW 802.11a/b/g/n WLAN Module, which remains identical to the originally certified device.

The 622ANHMMW 802.11a/b/g/n WLAN Module FCC ID: Q2GI6200-XPL can be co-located in the iX104C5 Rugged Tablet PC with the Xplore Technologies Corporation GOBI2000 WWAN Module previously certified under FCC ID: Q2GGGOBI2K-XPL. The 622ANHMMW 802.11a/b/g/n WLAN Module does not transmit simultaneously with the GOBI2000 WWAN module.

The 622ANHMMW 802.11a/b/g/n WLAN Module FCC ID: Q2GI6200-XPL will be co-located in the iX104C5 Rugged Tablet PC with a Class 2 Bluetooth (Broadcom Corporation Model: BCM92070MD\_REF previously certified under FCC ID: QDS-BRCM1043). The 622ANHMMW 802.11a/b/g/n WLAN Module can transmit simultaneously with the Bluetooth. RF exposure requirements for simultaneous transmission are addressed within this filing.

Submitted within this application is the TCB Form 731, applicant's agency authorization letter, applicant's LCD Display Orientation attestation letter, applicant's No Co-Transmission attestation letter, FCC Part 15 Subpart C and E radiated spurious emissions measurement reports (test report serial no.s 092110Q2G-T1045a-E15C, 092110Q2G-T1045b-E15E), SAR RF exposure measurement report (test report serial no. 092110Q2G-T1046-S15W), SAR Summary Supplement, FCC ID label and location, device photographs and the iX104C5 user manual.

If you have any questions or comments concerning the above, please contact the undersigned.

Sincerely,  


Jonathan Hughes  
Project Manager  
Celltech Labs Inc.

cc: Xplore Technologies Corporation