

To: "Timothy R. Johnson" <TRJ@adelphia.net>  
Cc: "Johnson@americanTCB.com" <Johnson@americanTCB.com>  
Subject: RE: Review of FCC ID: PD9WCF2011BM

Tim,

The higher power level used during our testing was due to the test method used before the testing to adjust the power to the correct levels.

Our power measurements were first taken as EIRP measurements using the Frequency Substitution Method. We adjusted the level as close as possible to the original values.

The reason for this method was that we are unable to take direct conducted measurements without destroying the plastic cover over the antenna. Doing this would change our results and possibly void them. If we replaced the entire cover we would need to send the card back to the factory and not be guaranteed the same power level with the new cover.

After the testing was completed, we removed a section of the plastic cover over the antenna, soldered on a connector, and Aprel Labs took direct conducted output power measurements. This was done to get the actual conducted output power level used during the testing.

Note: Only the low channel was higher than expected while the mid and high channels were within the expected power levels.

Sincerely,

Mr. James K. Baer  
Manager, Global Compliance Engineering  
Intel Corporation  
Wireless Network Division