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**Sent:** Monday, May 18, 2009 10:10 AM

**To:** Tom Smith

**Subject:** Response to Inquiry to FCC (Tracking Number 783744)



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## Office of Engineering and Technology

### Inquiry:

I recently submitted a product for a Class II permissive change. The TCB indicated that the FCC currently does not allow for an increase in output power for a Class II permissive change and therefore wanted us to submit to the FCC via the KDB in order to receive formal approval that a Class II permissive is acceptable.

The intent of the of Permissive Change was due to a frequency change. The frequency range is actually 72.02 MHz to 75.98 MHz instead of 72.1 MHz to 75.98 MHz (as stated in the grant). The original test report/filing had measurements made at 72.1 and 75.98 MHz. However, the lowest channel for the EUT is actually 72.02MHz. This is why, the unit was retested at the lowest channel (and highest channel for verification).

Based on the older grant (FCC Identifier:PZ3-XR), the output power is 0.883 Watts, which is 29.5 dBm. The power reported in the latest test shows a power of 29.8 dBm (72.02MHz) which is only 0.3 dB of difference. This difference may be attributed to manufacturing variations or even cable and/or SA uncertainty since previous measurements were performed using a different cable and SA (more likely).

As a result will the FCC allow for a Class II Permissive change for the above scenario.

### Response:

We will allow a Class II Permissive Change filing, but the RF power will remain the same as the original grant.

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