

To: FCC OET Lab  
Frank Coperich

From: Jim Sponsler

FCC ID: AXATR-393-A2

Correspondence number: 14252

731-confirmation number: EA97463

Good day Frank,

Here is our response to your query on the above permissive change.

Paragraph 1- For the AMPS mode the grant should show .457mw. I mistakenly provided the conducted power rather than the EDRP data. TDMA (800MHz) power of 813mw is the peak EDRP measured. TDMA uses a burst during transmitting. The burst is typically 2.5dB higher than the AMPS CW mode of operation. This 2.5dB difference was verified by measuring the unit on a spectrum analyzer. Below are the results from our experiment. This supports the radiated data and difference you noted.

|      | Power meter | Spectrum Analyzer |
|------|-------------|-------------------|
| AMPS | 25.6        | 25.7              |
| TDMA | 25.9        | 28.2              |

The degradation in the PCS band is due to production variability. We have tested several other units and all have been equal to or better than the unit used for this request.

If you have any questions, feel free to contact me.

Have a good day.

Jim

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