## John Kennedy

**From:** Lin, Tony [tony.lin@pillsburylaw.com]
**Sent:** Thursday, July 12, 2007 6:31 PM
**To:** John Kennedy
**Subject:** FW: FCC File # 0309-EX-ST-2007 [Reference Number: 5144]

John,

Following are MSV's responses to the inquiries below:

1) The radius of operation for each of the six base station locations is 1 km, as described in pages 5-6 of Exhibit A.

2) The EIRP density of 5 dBW/200 kHz is per sector for each carrier.

3) In addition to complying with the applicable FCC requirement for the mobile terminals to be used in this STA, MSV will meet the following specified out-of-channel EIRP levels, as explained in a May 15, 2007 briefing with NTIA:

-77.8 dBW/4 kHz EIRP for gateway equipment

-87.8 dBW/4 kHz EIRP for PCMCIA equipment

Please feel free to contact me if you have additional questions.

Tony Lin | Pillsbury Winthrop Shaw Pittman LLP
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-----Original Message-----
From: Generic Office of Engineering Technology [mailto:oetech@fccsun27w.fcc.gov]
Sent: Friday, July 06, 2007 3:52 PM
To: Lin, Tony
Subject: FCC File # 0309-EX-ST-2007 [Reference Number: 5144]

Mr. Tony Lin,

1) The radius of operation is missing from several of the base station locations listed in the STA request.

2) For base stations operating in the 1.5 GHz band, clarify that the EIRP density of 5 dBW/200 kHz is per sector for each carrier.

3) The first bullet under the CPE Transmissions in the band 1.5 GHz states that:

CPE transmitting in the 1.6 GHz band will comply with the OOCE limits specified in the FCC's rules for ATC mobile terminals transmitting in the 1.6 GHz band of -67 dBW/4 kHz. 47 C.F.R. § 27.253(g)(1).

In a May 15 briefing provided to NTIA the following out-of-channel EIRP levels were specified for the mobile terminals to be used in this STA:

-77.8 dBW/4 kHz EIRP for gateway equipment

-87.8 dBW/4 kHz EIRP for PCMCIA equipment

The out-of-channel EIRP level proposed in the STA is 10.8 dB and 20.8 dB higher than the levels specified in the May 15 briefing to NTIA.  Please explain this discrepancy.

Confirmation Number: EL946705
John.Kennedy@fcc.gov
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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of 07/06/2007 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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All references to this correspondence must contain reference number 5144