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March 15, 2005

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
U.S.A.

Subject: Reply to # 3517 for confirmation number EL481570

Dear Mr. Kennedy,

I uploaded a new version of the geographic location and it has a rev1 at the file name end. The information pertaining to the 33km radius to Rochester has been updated per our conversation.

This is multipoint application, this consists of one master unit at one central location, this will be receiving data from several "remote" outstations. Thus the name multipoint, this can cover up to a 33km distance depending on the geographic location and RF path margin. This is why I am asking for a radius of 33km.

The FCC rules are here for your information. Our maximum conducted output power is calculated based on the average for all symbols. Since we are averaging the power per the FCC rules below this is indeed MEAN power not peak.

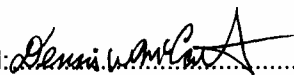
15.247

"(3) For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level."

Let me know if there is anything else you need.

If you have any queries, please do not hesitate to contact me at 585 242-8440:

Yours truly,

Signed:  Name: Dennis McCarthy

Dennis McCarthy

Agency Compliance Engineer

Microwave Data Systems

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