

To: Mr. Joe Dichoso, FCC

Jdichoso@fcc.gov

Re: FCC ID: OWS-920

Correspondence Reference No. 14535

731 Confirmation No. EA97205

Su: Respond to FCC Correspondence # 14535, dated 6/13/00

Dear Mr. Dichoso:

The following is our response to your correspondence dated 6/13/00:

1. To comply with FCC RF safety requirements, we revised installation instruction with the statement to satisfy the FCC RF Safety Exposure compliance. The information will be down loaded via the RF exposure info folder.
2. The conducted output power was measured with a RBW and VBW of 1Mhz and the peak power agrees with the requested 30 dBm (1-Watt). Attached, please see copy of the measurements.
3. The gateway unit along with the antenna will be installed professionally by the authorized service personnel in the field.
4. Please see attached copy of the processing gain test set-up block diagram and the measurements.
5. Attached, please see the plot of the power density measurement. The test was performed at 1-watt output power on NCI serial number 9002200043. Note that the true power density should be done with Marker Noise turned on and set marker to peak. That way, the marker gives the true peak measurements in dB/Hz and not the peak of the glitches shown on video screen. Then subtract this value from $10 \log 3000_{(BW)}$ and the result will be the power density in dBm as required per 15.247 (d) of FCC Code.

As per your requirement, a complete unit of gateway pager with all accessories and software will be sent to you shortly. However, if you just need to test the NCI (LAN) transmitter portion of it, we can also provide with a field service unit with NCI installed in it. That way, you can turn the transmitter on with or with Modulation using dip switches and makes your life a lot easier. Please let us know.