

Dear FCC Representative,

6/25/2001

Please accept this letter as a formal request for a Special Temporary Authority (STA) for the Wireless Internet product recently designed by Soma Networks. Soma Networks has planned a customer field trial in the third quarter of 2001 (August, September and October). The trial is initially a demonstration at PCS and later at MMDS frequencies. We are asking for a STA instead of an experimental license because of the temporary nature of the aforementioned trial. The field trial will demonstrate a reliable wireless communication link with an effective data rate and multiple simultaneous voice calls.

The location of this trial is at the Richardson office of Soma Networks (latitude 32° 57' 25", Longitude 96° 42' 66"; see also Figures 1 and 2):

Soma Networks
400 Industrial Dr., Suite 100
Richardson, Tx, 75081

All of the transmitting RF equipment that will be used is designed and built by Soma Networks. A single base station will communicate to multiple (up to 12) CPE terminals. Some of the pertinent Base Station transmitter data:

Base Station

Antenna Height: 36 feet

Power: 57 dBm EIRP

Frequency/Emission Type : 1930-1990 MHz, PCS Emission

Frequency/Emission Type : 2.5-2.69 GHz, MMDS Emission

CPE Terminal

Antenna Height: 3 to 20 feet

Power: 27 dBm EIRP

Frequency/Emission Type : 1850-1910 MHz, PCS Emission

Frequency/Emission Type : 2.5-2.69 GHz, MMDS Emission

Please find enclosed the required money order for \$50 made payable to the FCC for processing this STA, as well as the completed Remittance Advice (Form 159). We appreciate your rapid handling of this application. If you have any questions, please contact me directly at Soma Networks.

Sincerely,

Jeff Lantz



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