

From: "Jeff G. Lantz" <jlantz@somanetworks.com>
To: <chuie@fcc.gov>
Date: 8/27/01 3:20PM
Subject: Addendum to file 305EXST-2001

Carl,

Thanks you so much for you help with the SOMA Networks STA.

I think I have made the correct changes and I have reduced the Power of the Base station to 40dbm, which should be 10 watts EIRP.

I hope these changes and the additional information provided will help us to move forward and obtain the STA.

Regards,
Jeffery

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CC: "Charles Bernardin" <cbernardin@somanetworks.com>

TO: Carl Huie
Subject : Addendum to Soma Network STA file 305-EXST-2001

8/27/01

Please accept this letter as a formal request for Addendum to SOMA Network file 305EXST-2001. We have changed the power levels and the Emission information to the original filing. I have referenced the Following URL and file dated 5/17/01 and if we have interpreted the data correctly there are no owners of the D/E/F bands for Dallas/Fort Worth. <http://www.fcc.gov/wtb/auctions/Welcome.html> - download the file from the button PCS Blocks A-F Aggregation (Revised 5/17/2001. I have changed the request to using the Reverse and Forward link in the "F" band.

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 and CPE transmitter data:

Channel Size:

5 MHZ in the Forward link
5 MHZ in the Reverse Link

Emission :

F-Band 1970 to 1975 Forward (Base Station Transmit) link
F-Band 1890 to 1895 Reverse (Base Station Receive) Link

Modulation

W-CDMA

Base Station

Antenna Height: 36 feet
Power: 40 dBm EIRP

CPE Terminal

Antenna Height: 3 to 20 feet
Power: 27 dBm EIRP

We appreciate your rapid handling of this application. If you have any questions, please