

EXPERIMENTAL RADIO SERVICE - PART 5

EXHIBIT I

Equipment:

Non-type accepted base station and mobile end systems equipment developed by Grayson electronics.

Frequencies:

1850MHz-1990MHz

Power:

Maximum 43dBm or 20 watts. Not to exceed power limits pursuant to Sec. 24.232.

Emissions:

In accordance with Section 2.201.

EXPERIMENTAL RADIO SERVICE - PART 5

EXHIBIT II

Response to Section 1.1307:

The proposed facilities will be temporary in nature and will not have a significant environmental impact.

PROGRAM OF RESEARCH

Field and propagation testing for evaluating equipment which will lead to the deployment and development of a new Public Mobile Service, i.e. PCS.

The proposal will serve the public interest, convenience and necessity by testing and establishing a plan for a potential new service.

Equipment:

Non-type accepted base station and mobile end systems equipment developed by Grayson electronics. The experimental equipment will in no way effect the capacity or grade of service to the existing authorized stations.

Frequencies:

1850MHz-1990MHz

Power:

Maximum 43dBm or 20 watts. Not to exceed power limits pursuant to Sec. 24.232.

Antennas:

Frequency usage will be coordinated with incumbent microwave licensees in accordance with Sec. 24.237.

Not to exceed antenna height limits in accordance with 24.232.

Antennas to be utilized are as follows:

8.1dBi Omni - COMSAT-RSI Mark ASPP2936

17dBi 120 degree COMSAT-RSI Mark PFP1584H

10.5dBi COMSAT-RSI PFP1024H-4

Transmission Location:

Unspecified locations, within the Cleveland, Ohio & Indianapolis, Indiana MTAs.