

Frequencies:

1850-1990 MHz

Power:

Maximum 34 dBm output/50 dBm EIRP for base stations

Maximum 26 dBm output/39 dBm EIRP for for mobile units

Emissions:

Various emissions in accordance with Section 2.201 of FCC
Rules

Description of Proposed Operation

Applicant is currently authorized to conduct test in connection with the development and deployment of Personal Communications Service (PCS) radio systems. The proposal will serve the public interest by expanding the types of communications services available to the public.

In addition to the Grayson Electronics equipment applicant is currently using under its Experimental Radio Service license, applicant proposes to conduct tests in the Cleveland, OH MTA for experimental testing of Wireless Local Loop (WLL). Applicant proposes to use non-type accepted equipment developed by Airspan Communications Corp., Lucent Technologies, and Tadiran/Raychem. This equipment uses various modulation schemes, including CDMA, TDMA. Bandwith will vary depending upon radio equipment used from 1 MHz for the Tadiran/Raychem equipment to 5 MHz for the Lucent equipment.