

Omnipoint Communications Inc.
Attachment 1 to Application for Experimental Radio Service License

Applicant Omnipoint Communications Inc. ("Omnipoint") holds the Block A broadband PCS license for the New York MTA (call sign KNL202), and its affiliates have pending several Block C PCS license applications for certain markets. The requested experimental license is to permit Omnipoint to establish a PCS test transmitter at the premises it will use for warehousing its mobile subscriber equipment. The test transmitter will be used to test incoming mobile subscriber equipment for proper operation. Such mobile subscriber equipment will be powered up and, following power-on-self-test, a brief test call will be made over the proposed base station. In addition to testing proper operation of the mobile station, completing a test call also verifies operation of the subscriber identity module (SIM), a separate component containing the "personality" of the phone that may be inserted in the subscriber equipment at the warehouse. The base station will be connected to Omnipoint's base station controller in New Jersey through a 1.544 Mb/s line leased from an authorized provider of such service.

In order to provide maximum flexibility in accommodating the future Block A PCS operator and avoiding mutual interference, Omnipoint requests the ability to operate on one duplex PCS 1900 channel (200 KHz bandwidth) selected from the PCS Block A frequency band (Mobile Station transmit: 1850 - 1865 MHz/Base Station transmit: 1930 - 1945 MHz). The channel center frequency will be determined (in MHz) as $1930.100 + 0.200 \times N$, where $N = 0,1,2... 74$.

Coverage of the test base station will be intentionally restricted to the warehouse through a low-gain antenna mounted inside the building and through restricting the transmitter output power.

The transmitter output will be attenuated using a high power attenuator pad if necessary to result in an effective radiated power of 0.5 watts.

Omnipoint will rent space for the proposed base station in the warehouse from the warehouse owner and operator, Brightpoint, Inc. Omnipoint will control the base station. Brightpoint, Inc., as agent for Omnipoint, will operate the mobile units in order to conduct the tests described above.