

May 24, 2000

Federal Communications Commission
Office of Engineering Technology
445 12th Street S.W.
Washington, DC 20554

Attention: Douglas Young – 7-A332

Dear Mr. Young:

Adaptive Broadband Corporation requests the granting of a Special Temporary Authorization to permit it to demonstrate new broadband access wireless products at the WCA2000 trade show. The STA is requested for the duration of the show, July 8 through July 12, 2000. The hours of operation will be 7 AM to 7 PM.

The venue for the show, and the location of all operations under the requested STA will be indoors at the Ernest N. Morial Convention Center, 900 Convention Center Blvd., New Orleans, LA 70130.

The demonstrations planned involve an Access Point unit with integral antenna (equivalent to a base or cell-site) communicating at short range with a Subscriber Unit, which also has an integral antenna. Both units will be within the confines of the Adaptive Broadband Corporation booth (30 x 50 feet) on the floor of the show, or one unit may be located at the booth of another, cooperating exhibitor within approximately 150 feet. The minimum power necessary to maintain communications quality will be employed.

Adaptive will be demonstrating the products operating within the LMDS band.

The equipment is manufactured by the Adaptive Broadband Corporation as the Model SU-F270A LMDS Subscriber Unit and as the Model AP-F270A LMDS Access Point. These units are in the prototype stage and have not yet been Certified to FCC requirements, although it is believed that they meet all technical requirements. Approval testing is scheduled to begin this Summer.

We request that the STA permit operation over the frequency range of 27.550 – 27.750 GHz and 28.125 – 28.225 GHz. This will permit us to use a channel within these ranges which neither causes nor receives interference.

We request authorization to operate at a maximum EIRP of 1.0 Watt. Modulation will be any of the following: QPSK, 16QAM, or 64QAM. In all cases, over the air symbol rates are 12.5 Msymbols/sec, with a necessary bandwidth of 15.0 MHz.

The antennas, which are integral to the radio units, will be no higher than 30 feet above the floor of the building and will be indoors.

Please issue the STA to:

Adaptive Broadband Corporation
Attention: Jacob Z. Schanker
615 Fishers Run
Victor, NY 14564
Telephone: 716 742 6154
FAX: 716 742 6102

Any questions may be directed to me at 716 742 6154 or by email to jschanker@adaptivebroadband.com

Sincerely yours,

Jacob Z. Schanker
Director of Agency Compliance