

0416-EX-ST-2001

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September 24, 2001

Magalie Roman Salas
Federal Communications Commission
Office of Engineering and Technology
Experimental License Branch
P.O. Box 358320
Pittsburgh, PA 15251-5320

Re: Western Multiplex STA Extension Request (File No. 0114-EX-ST-2001, Call Sign WA9XIL)

Dear Ms. Salas:

Western Multiplex hereby requests an extension of the Special Temporary Authority ("STA") granted to WirelessHome on April 1, 2001 and set to expire on October 1, 2001. Western Multiplex requests an extension for 180 days to continue testing of 5.8 GHz point-to-multipoint products. Accompanying this letter requesting such extension is a completed FCC Form 159, including payment of the requisite fee. Please date-stamp and return the extra copy of this filing in the pre-addressed, stamped envelope provided for this purpose.

Please note that, since the filing of the last STA, WirelessHome was acquired by Western Multiplex. Although WirelessHome will continue to operate as the Multipoint Division of Western Multiplex and the location of the facilities will remain the same, we respectfully request that the STA be granted in the name of the new entity, Western Multiplex.

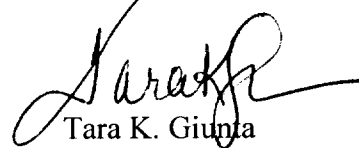
This STA extension period will allow Western Multiplex to continue testing new generations of equipment within the same operating parameters. Specifically, Western Multiplex will use the extension of the STA to complete Bit Error Rate Testing and demonstrations of application interfaces which it began under the previous STA. The purpose of the operation is to demonstrate and evaluate the effectiveness of communication over varied terrain and distances. Tests will be performed between 8 a.m. and 8 p.m. for a period not exceeding 180 days after approval is granted.

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More specifically, the products being tested are designed to provide point-to-multipoint, digital data service complying within UNII guidelines and operating in the 5.725-5.825 GHz band. The product will be operated from a location at Spring Street and Lakewood Boulevard in Long Beach, CA, and will transmit within a radius of no more than three (3) miles. The e.i.r.p. will be a maximum of 36 dBm (18 dBm into 18 dBi antenna gain). Emission type will be 20 dB bandwidth of 25 MHz, using filtered QAM. The overall height will be a maximum of 80 feet (the rooftop at 3780 Kilroy Airport Way).

If you have any questions, please do not hesitate to contact the undersigned at (202) 736-1809.

Sincerely,

A handwritten signature in black ink, appearing to read "Tara K. Gupta", with a long horizontal flourish extending to the right.

Tara K. Gupta
Counsel to Western Multiplex

cc: Ms. Nancy Hey
Experimental Licensing Branch
Federal Communications Commission

Mr. Sanjai Kohli
Western Multiplex