



Wytec

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Attachment To
File No. 0030-EX-ML-2002
FCC Form 442, Item 7

EXPERIMENTATION DESCRIPTION

This application for a new station experimental license is intended to expand research initiated under File 0136-EX-PL-1999 that was facilitated by the FCC award of Call Sign WA2XZB.

The expanded research that is the subject of this application will determine if proprietary millimeter transmitter designs that were successfully created in the 27 Ghz to 31 Ghz LMDS bands for use by United States wireless broadband service providers can be extended to operate in the 40.5 Ghz to 41.0 Ghz band that now is being authorized by some European governments for use by communications service providers in their home countries.

At the present time, the 40.5 Ghz to 41.0 Ghz band is not authorized as an LMDS band in the United States, so any LMDS product developments resulting from this experimentation would be intended for export only.

As previously stated in File 0136-EX-PL-1999, all of the work in this series of experiments is intended to create a low-cost millimeter radio product for use by fixed wireless broadband service providers who plan to operate in any of the LMDS bands licensed by their governments.