

September 11, 2026

Federal Communications Commission
Office of Engineering and Technology
1270 Fairfield Rd.
Gettysburg, PA 17325-7245

Request for OET Experimental License

Dear Sir:

On April 24, 2020, the FCC released a Report and Order and Future Notice of Proposed Rulemaking to expand unlicensed broadband operations into the 6GHz band, as a benefit to the public (FCC Record: FCC-20-51A1). Pursuant to said order, MidwayNet, LLC hereby requests an Experimental License in order to test available equipment within the U-NII-5 band.

The experimental operations would involve field deployment and testing of Mimosa's 6GHz radio technology on two towers within the rural site in the state of Indiana. The radio's throughput capabilities would be tested in the U-NII-5 band using 160MHz-wide channels, across approximately 2 access points. The antenna gain of the Sector Antenna is 25dBi. There will be no Customer Premise Equipment (CPE),

Participants in the study will not be charged and equipment will be retrieved at the close of the study.

MidwayNet, LLC's data collection program will operate without causing harmful interference to incumbent users. MidwayNet, LLC will work with any nearby licensed incumbent user that it identifies, based on data provided in the FCC's databases, to ensure that its operations will avoid harmful impact with such existing users.

If the Commission has any questions, please feel free to contact me at 312-841-9188.

Best Regards,

Liz Creekmore

312-841-9188

liz@intelpath.com