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Federal Communications Commission
Gettysburg, PA

Dear Sirs,

Sensus USA is a manufacturer of Smart Grid devices for Critical Infrastructure utilities around the world. We presently have over 8 million endpoints in operation in the United States and Canada. While North American endpoints operate at 900 MHz on Narrowband PCS channels, our export products for Europe and the Middle East require operation at 410-430 MHz. Our base station products operate at 45 dBm output while our endpoints operate at 30 dBm output.

We have been operating test units utilizing a Special Temporary Authorization for each of our engineering sites. Range needed is typically less than one mile radius from a tower centerpoint using an omnidirectional antenna. Further technical information is supplied with our application.

We plan to operate from any one of three locations listed below. We also provide the current STA callsigns being used for this application.

- Covington, Louisiana – WE9XCR
- Uniontown, Pennsylvania – WE9XIA
- Morrisville, North Carolina – WE9XJO
- Goleta, California - WE9XIA
- Boise, Idaho - WE9XJO
- Forest Hills, Pennsylvania - WE9XIA

We respectfully request an experimental license so we can complete our engineering effort in developing endpoint products for export markets.

Sincerely,

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Todd R. Ellis, PMP
Senior Product Manager,
Radio Infrastructure and Spectrum Portfolio