

**Stanton Woodcock**  
Spectrum Manager

8350 Greensboro Drive  
Suite 522  
McLean, VA 22102

703-635-4770  
Stan.Woodcock@xyleminc.com  
www.sensus.com



February 21, 2017

Federal Communications Commission  
Washington, DC

Subject: Question 7, File No. 0112-EX-CN-2017, Confirmation #EL766331

Dear Sir or Madam,

Sensus 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, Canada and Europe, and will soon have customers in South America and Asia. Most of our North American endpoints operate in the 900 MHz band on Narrowband PCS and MAS channels, while equipment for many of our international customers operates in the 400 MHz band.

Sensus develops equipment and performs unit level, system level and traffic loading tests on this equipment to better understand its operation in its Morrisville, NC facility. As part of this development and end-to-end product testing, it is essential to test all aspects of the system prior to production. Equipment is typically rack mounted (indoor testing only) using a unity gain antenna mounted immediately next to the transmitter. ERP will be kept to a minimum, and at no time will power exceed 1 Watt.

We respectfully request an experimental license to cover our domestic and international equipment in the 400 MHz and 900 MHz bands in order that we may continue development and testing of all units in our Morrisville, NC facility.

Please contact me if you have any questions regarding this matter.

Sincerely,

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Stanton B. Woodcock  
Spectrum Manager