

Stanton Woodcock
Spectrum Manager

8350 Greensboro Drive
Suite 522
McLean, VA 22102

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



September 6, 2017

Federal Communications Commission
Washington, DC

Subject: Question 7, File No. 0734-EX-CN-2017, Confirmation #EL957862

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 and 800 MHz bands.

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 new international equipment in the 800 MHz band 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