

Stanton Woodcock
Spectrum Manager

8350 Greensboro Drive
Suite 522
McLean, VA 22102

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



January 25, 2017

Federal Communications Commission
Washington, DC

Subject: Question 7, File No. 0020-EX-CN-2017, Confirmation #EL821292

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. All of these Smart Grid devices utilize GPS for both location and network timing.

Sensus develops and performs product testing in its Morrisville, NC facility. As part of this development and end-to-end product testing, it is essential to test GPS timing and location aspects of the system. In order to obtain adequate GPS signals for testing throughout the lab and development facility, Sensus has come to realize that it requires the use of a GPS repeater.

To improve GPS signal levels within the Morrisville facility, Sensus intends to utilize the GLI Metro smart GPS amplifier system manufactured by GPS Source on the L1 channel. The external antenna will be roof mounted, and fed through the roof with C240 coaxial cable to a location in the center of the development and testing lab. An omnidirectional antenna will be installed at this ceiling location.

We respectfully request an experimental license in order that we may continue development and testing of these units in our Morrisville, NC facility.

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

Sincerely,

/ S /

Stanton B. Woodcock
Spectrum Manager