

REQUEST FOR RENEWAL OF EXPERIMENTAL LICENSE

Sensus Spectrum LLC (“Sensus”), pursuant to Section 5.71(a)(2) of the Commission’s rules, hereby requests renewal of its conventional experimental radio station license WF2XNH for an additional five-year term.¹ Renewal of this station license is needed to allow Sensus to continue testing Smart Grid devices at its laboratory locations. As set forth below, grant of this request will serve the public interest, convenience, and necessity.

Sensus is a leading manufacturer of Smart Grid devices used by Critical Infrastructure utilities around the world. These devices allow Critical Infrastructure utilities, among other things, to efficiently read, monitor and control usage meters at customer locations. Millions of end-user devices manufactured by Sensus have been deployed and are currently operating in the United States, Canada, South America and Asia. In the United States, most of these devices operate in the 900 MHz band.

Sensus is using experimental station license WF2XNH to develop and test Smart Grid devices at eleven of its engineering and testing facilities in the United States. Most facilities operate equipment on a bench without final amplification. However, in rare circumstances, testing may be performed at full power with remote units located within a 1 km radius of the Sensus facility using omnidirectional antennas. Additional technical information regarding these operations is specified in the instant Form 405 license renewal application.

All equipment will be operated under the authority, supervision, and control of Sensus. Sensus will operate the equipment only within or in the immediate vicinity of the specified testing facilities pursuant to authorized technical parameters. Sensus requests that the conditions that currently apply to station WF2XNH be applied to any renewed license term.

Given that the purpose of the requested license renewal is to facilitate the testing and evaluation of Smart Grid wireless devices to ensure proper operation, Sensus respectfully submits that Commission approval of this request will serve the public interest, convenience and necessity. Favorable action on this request is therefore warranted.

¹ 47 C.F.R. § 5.71(a)(2)