

Statement of Proposed Operation

xG Technology, Inc. (xG) is seeking authorization for demonstrations of new Part 15 equipment that meets the requirements for operation in the unlicensed 902-928 MHz band but has not yet received equipment certification.

xG has previously conducted demonstrations of its equipment under STA issued under call sign WF9XYS. xG needs additional time to test, design and demonstrate the equipment under actual field conditions that the equipment operates successfully as designed and built within the parameters permitted for operation in the unlicensed 900 MHz band under Part 15 of the Commission's Rules; and to determine if any design changes are desirable before submitting the equipment for FCC certification. The RF equipment involved is part of a cognitive radio network that xG has developed for voice and data services.