

**Question 7: Experimentation Description**

- 1. *The complete program of research and experimentation proposed including description of equipment and theory of operation.***
- 2. *The specific objectives sought to be accomplished.***
- 3. *How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.***

Ericsson is requesting a renewal/extension of its recently expired STA Grant (call sign: WQ9XFA) for continued testing of 5G & 4G use cases. Ericsson will resume engaging with ecosystem partners, device and application vendors as well as communication service providers to find and evaluate potential use cases for the adoption of 5G and 4G. In addition, Ericsson will continue to focus on developing proof of concepts in 5G especially in AR - VR and Industrial IoT applications related to 5G.