

Ericsson Experimental Application Question 7 Response

7. If all the answers to Items 4, 5, 6 are "NO", include as an exhibit a narrative statement describing in detail the following items:

a. The complete program of research and experimentation proposed including description of equipment and theory of operation.

Advanced 5G+ wireless and user application feature development, integration and verification. Full end-to-end wireless system, inclusive of radio access network, mobile core network and mobile devices are required for this activity.

b. The specific objectives sought to be accomplished.

End-to-end test bed to validate new 5G/5G+ wireless features and validate existing applications function properly. Enable new/existing application development and integration over new 5G/5G+ wireless interface.

c. 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.

5G/5G+ is actively being defined and standardized within 3GPP. New features are constantly being introduced and older features being deprecated by the standardization body. This test bed would facilitate the early development, integration, and validation of new features. This activity allows us to build a working end-to-end prototype 5G/5G+ system to understand the technical challenges of implementation and commercialization. In doing so, it enables us the ability to explore different options, assess the merits of each candidate option and identify the best technical approach.