

6G-SANDBOX organises FR3 Trials in 2026

6G-SANDBOX project, leveraging its current infrastructure, will broker a large-scale open experimentation focused on **FR3 measurements** during H1 2026. The experimentation is close to a plug fest where different technologies are tested together in a meaningful E2E system. By combining these technologies into one testbed, FR3 trials should be achieved, showcasing mainly enhancements brought by FR3.

The objectives of FR3 measurement trials are to evaluate the impact of the **FR3 band** on coverage, capacity and throughput across diverse environments, including dense urban areas and rural regions. The trials will cover a range of measurement scenarios such as coverage performance, material penetration, foliage losses, rain and atmospheric losses, and coverage-capacity relationships to provide comprehensive insights into FR3 band performance under real-world conditions. A benchmarking will be done with the performance brought by using FR1 and FR2 bands.

Confidentiality

The intention is to publish results as much as possible to promote FR3 Trials. Technology providers own the results, which can be kept confidential, when possible, within the experimenters' group. The participants must express any confidentiality requests in advance.

Self-Funded Participation

The activities will NOT be funded, meaning that every partner covers its own costs (shipping equipment, participation in trials etc.). Participants can, when applicable, use SNS JU (or other local) current project funding to participate in these activities in agreement with their funding agencies.

Join the Experimentation

Interested participants can contact the 6G-SANDBOX team at: experimenter@6g-sandbox.eu

For more information about the project you may visit: <https://6g-sandbox.eu/> or <https://6g-sandbox.eu/6g-sandbox-large-scale-fr3-experimentation/>



Follow us!



www.6g-sandbox.eu



www.smart-networks.europa.eu



Co-funded by
the European Union