

## **EXHIBIT 1**

### **PROGRAM OF RESEARCH AND EXPERIMENTATION**

Pursuant to Section 5.61 of the FCC's rules, 47 C.F.R. § 5.61, Verizon Wireless requests a six-month special temporary authorization ("STA") for conventional experimental operations to conduct a market trial of equipment, consisting of fixed base stations and mobile terminals, in the 28 GHz band.

The fixed base stations and mobile terminals will employ directional, beamforming antennas pointing north, and any antennas pointing south, southwest, or southeast will have a maximum antenna elevation of 0 degree or below from the horizon. The technical parameters and other details regarding the equipment are specified in the accompanying STA Form.