

EXHIBIT 1

PROGRAM OF RESEARCH AND EXPERIMENTATION

Cellco Partnership d/b/a Verizon Wireless (“Verizon Wireless”) plans to co-develop different mobile devices with equipment manufacturer partners. To help facilitate that, Verizon Wireless hereby requests an experimental authorization to use the 3.7 – 3.8 GHz band in portions of Basking Ridge, New Jersey; Westlake, Texas; Sunnyvale, California; and Grand Rapids and Lansing, Michigan areas on a temporary basis. The 100 MHz sought under this experimental authorization is a subset of the recently expanded flexible use C-Band in the ranges of 3.7 to 3.98 GHz range, which will be auctioned at the end of the year. Verizon Wireless’s request is temporary, expiring one year from grant.

Testing will occur both outdoors and indoors, and all transmissions will be controlled at the locations provided in the application. The fixed base stations and mobile terminals will employ directional, beamforming antennas and will have a maximum antenna elevation as described in the application. The base station antenna has a half-power beam width of approximately 9.5° vertically and 55 ° horizontally. The equipment will be mounted in the same orientation as existing antennas used by Verizon Wireless at certain sites in Michigan. The California site will be a temporary communications cell site referred to as a COW (Cell site On Wheels) and will remain at this location and only this location for the duration of the testing. The following table provides detail with the orientation of antennas where multiple values cannot be entered into the Form 442.

| Site | Horizontal orientation of antennas (in degrees) |
|-----------------|--|
| Williamston, MI | 20, 120, 240 |
| Okemos, MI | 60, 180, 300 |
| Jenison, MI | 20, 120, 240 |
| Hudsonville, MI | 60, 180, 300 |
| Ada, MI | 30, 150, 270 |
| Lowell, MI | 40, 140, 240 |
| Sunnyvale, CA | 0, 120 |

Additional technical parameters are specified in the accompanying Form 442.

Verizon Wireless has identified the nearest Earth Stations and will coordinate operations under the experimental authorization with those Earth Station operators to avoid any potential disruptions to their operations. If those operators experience interference, Verizon Wireless will cease interfering operations. In addition, while Verizon Wireless expects this testing will end prior to the winning bidders of Auction 107 initiating operations, Verizon Wireless will cease operations upon notice by a new licensee that they plan to initiate operations in the relevant area.