

**Exhibit 1 - Request for Special Temporary Authorization**

United States Cellular Corporation (“US Cellular”) hereby requests experimental Special Temporary Authority (“STA”) for a six (6) month period to conduct experimental testing utilizing the flexible use C-Band frequency range of 3.7 GHz – 3.8 GHz. Grant of this STA will allow US Cellular to evaluate operation, coverage, capacity, and propagation characteristics of deployed cellular radios in the requested frequency range of 3.7 GHz – 3.8 GHz and will help assess C-band products for wireless 5G deployment.

The testing will utilize two commercially deployed US Cellular towers within a controlled test configuration with mobile operations limited to test areas/sectors. High EIRP is requested to characterization of path loss at distances of 1 - 6 kilometers. Additional technical parameters are specified in the accompanying STA request form.

**Test Locations:**

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Antenna Height (AGL)</b>
Delavan, WI (Delavan site); FCC ASR #1047471)	42° 37’ 53.4” N	88° 37’ 51.4” W	44.2 m
Belvidere, IL (North Belvidere site) ; FCC ASR #1222681)	42° 15’ 02.3” N	88° 51’ 37.6” W	47.9 m

US Cellular has analyzed FCC licensed C Band earth station facilities within a 10 kilometer radius of the two test locations noted above. One receive only C Band earth station licensed under FCC Call Sign E190366 is located 8.0 kilometers north west of the North Belvidere test location. Because this STA request only proposes a maximum radius of 6 kilometers, US Cellular does not believe that any interference would occur to station E190366 but will utilize its best efforts to avoid any potential interference. No other registered earth stations were identified within 10 kilometers of the test locations in this STA.

In the unlikely event any interference issues arise pursuant to operations under this experimental STA the US Cellular Network Operations Center (“NOC”) should be contacted at 1-800-510-6091 Option 1, then Option 5. The NOC is operational 24 hours a day. In the event of an interference issue the NOC will immediately contact the appropriate regional U.S. Cellular associate to resolve any issues.