

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 beginning April 9, 2021 to conduct experimental testing and friendly user trials utilizing upper microwave flexible use service (“UMFUS”) spectrum currently licensed¹ to US Cellular in select 28 GHz and 39 GHz frequency ranges. The testing/friendly user trials will occur at select locations in Janesville, WI and Des Moines, IA and will allow US Cellular to enhance its product offering in the High-Speed Internet category by offering devices that operate on the mmWave network. US Cellular is in the process of deploying a testing regime prior to launch that is designed to ensure the devices can be deployed successfully and that real-world results can be understood prior to an official commercial launch.

The experimental testing and user trials will utilize an outdoor router end-user device manufactured by Inseego Corp. (Mdl. FW2010) which is currently undergoing the FCC type acceptance equipment certification process. The primary communication/radio components of this device are leveraged from a device which has already received type acceptance certification and is already in market and has been launched by US Cellular. Inseego Corp. believes that certification will be forthcoming and supports the testing/trials requesting herein.

For both the proposed Janesville, WI and Des Moines, IA testing/friendly user trials the devices will be installed by a third party company on the roofs of select US Cellular associate’s homes. The devices will be stationary and owing to the roof installations close human contact with the installed devices is not anticipated. Upon successful installation, the devices would be powered on and begin transmitting data between the device and the US Cellular network utilizing its licensed UMFUS spectrum.

Following successful FCC certification and US Cellular testing/user trials, it is anticipated that the device will be launched and available commercially for US Cellular customers to pilot/test/use.

As previously noted the experimental testing/user trials will occur at select locations in US Cellular markets in Janesville, WI and Des Moines, IA. **Table 1** reflects the proposed frequency usage and test location installations for the friendly user trial.

¹ For the **Janesville, WI testing/trial** US Cellular holds: the 28 GHz L2 block at 27925-28350 MHz under FCC Call Sign WREH648; the 39 GHz N1-N3 blocks at 38700-38800 MHz, 38800-38900 MHz, & 38900-39000 MHz under FCC Call Signs WRHR595, WRHR596, & WRHR597 respectively; for the **Des Moines, IA testing/trial** US Cellular holds: the 28 GHz L1 block at 27500-27925 MHz under FCC Call Sign WREH304; the 39 GHz N11-N14 blocks ranging from 39600-39700, 39700-39800 MHz, 39800-39900 MHz, MHz, & 39900-40000 MHz under FCC Call Signs WRHR641, WRHR642, WRHR643 & WRHR644 respectively

TABLE 1

Janesville, WI (28 GHz L2 block at 27925-28350 MHz ; 39 GHz N1-N3 blocks at 38700-39000 MHz)

Address	City	County	State	Coordinates
1714 Quixote Dr	JANESVILLE	ROCK	WI	42-42-17 N, 088-58-40 W
520 1/2 N Chatham St	JANESVILLE	ROCK	WI	42-41-15 N, 089-02-13 W
2717 Randolph Rd	JANESVILLE	ROCK	WI	42-42-26 N, 088-59-19 W

Des Moines, IA (28 GHz L1 block at 27500-27925 MHz; 39 GHz N11-N14 blocks at 39600-40000 MHz)

Address	City	County	State	Coordinates
4128 11TH ST	DES MOINES	DES MOINES	IA	41-38-10 N, 093-37-57 W
2736 ARNOLD RD	DES MOINES	DES MOINES	IA	41-37-15 N, 093-39-20 W
4515 E 46TH ST.	DES MOINES	DES MOINES	IA	41-38-34 N, 093-31-20 W
2525 COUNTY LINE RD LOT 270	DES MOINES	DES MOINES	IA	41-30-47 N, 093-38-57 W
2319 47TH ST	DES MOINES	DES MOINES	IA	41-36-56 N, 093-40-52 W
637 36TH ST	DES MOINES	DES MOINES	IA	41-35-17 N, 093-39-55 W
802 E COUNTY LINE ROAD	DES MOINES	DES MOINES	IA	41-30-50 N, 093-36-17 W
2409 48TH PLACE	DES MOINES	DES MOINES	IA	41-36-58 N, 093-41-01 W
2104 30TH ST.	DES MOINES	DES MOINES	IA	41-36-48 N, 093-39-32 W
2000 HIGH ST UNIT 322	DES MOINES	DES MOINES	IA	41-35-12 N, 093-38-40 W
7209 SW 14TH ST.	DES MOINES	DES MOINES	IA	41-31-06 N, 093-38-06 W
3022 AURORA AVE.	DES MOINES	DES MOINES	IA	41-38-10 N, 093-39-36 W
1517 E 30TH ST	DES MOINES	DES MOINES	IA	41-36-24 N, 093-33-29 W
665 RONWOOD DRIVE	DES MOINES	DES MOINES	IA	41-35-20 N, 093-41-56 W

Interference Issues/Stop Buzzer Contact Information

US Cellular does not believe the testing/user trials detailed herein will result in any harmful interference. However, 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.