

Persistent Systems, LLC
Request for Grant of Special Temporary Authority
File No. 1253-EX-ST-2019

NARRATIVE EXPLANATION OF OPERATION

Persistent Systems, LLC requests grant of special temporary authorization for terrestrial-only point-to-point tower testing of a C-Band and S-Band communications network system to fulfill a contract for the United States Air Force Research Laboratory (AFRL contract # FA8650-19-C-9227) at two locations in Colorado, Mount Evans and Mount Lincoln in Colorado. The purpose of the STA is to conduct point-to-point testing of embedded modules utilizing C-band and S-band sector antennas. The antennas are directional with 12 dB gain. The center frequency at each location will be 4550 MHz and 2277 MHz with a 20 megahertz occupied bandwidth. The two locations specified are under the control of the United States Air Force and are used with permission.

Throughout the testing period, complete shutdown of all antennas can be accomplished immediately.

Should any interference be reported, all testing and demonstrations will cease immediately and will not resume unless and until all such interference is resolved to the reasonable satisfaction of the complainant.

The stop buzzer contact for this operation is Ms. Temeasha Scott, whose mobile number is 646-518-8966. Other questions should be directed to undersigned communications counsel, who can be reached as follows:

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