

Exhibit 1

Applicant seeks a two (2) year conventional experimental license to conduct fixed and mobile testing of 5G New Radio wireless systems operating in the 3.7 GHz C-band (NR band n77) and 850 MHz Cellular band (NR band n5) from unmanned aerial vehicles (“UAVs”) in the area in and near Pittsburgh, Pennsylvania. The experiments will assess the extent to which licensed spectrum can support UAV connectivity in representative outdoor operating conditions and to collect data that will inform future network planning and operational practices for cellular-connected drone services.

a) The complete program of research and experimentation proposed, including description of equipment and theory of operation.

Applicant proposes to evaluate 5G New Radio performance for UAV operations over AT&T licensed spectrum in NR band n77 and NR band n5 within a 5-mile radius of the proposed drone start location, 1 Seton Hill Dr, Greensburg, PA 15601. The UAV will be flown by FAA-certificated remote pilots in compliance with FAA Part 107 rules, be operated at or below 400 feet above ground level, and carry commercially available 5G user equipment, or equivalent test equipment. Test instrumentation may include Qualipoc or similar measurement software to collect device-side radio logs, together with drone flight logs capturing GPS position, altitude, speed, heading, link status, bitrate, command-and-control health, and failover events. The flight platform may include a Skydio X10, Avidrone, or similar UAV, supported by drone tracking, telemetry, and flight-management software as required.

b) The specific objectives sought to be accomplished.

The testing will be designed to determine whether AT&T 5G networks can support UAV command and control, telemetry, and video traffic; characterize 5G coverage and radio performance at representative UAV altitudes up to 400 feet above ground level; measure key performance indicators such as signal strength, throughput, latency, packet loss, mobility, handover performance, and uplink interference; assess potential impact to serving and neighboring cells and terrestrial users; compare baseline network behavior with any approved modified RAN configurations; and identify operational guardrails, performance thresholds, rollback triggers, and recommended network enhancements for reliable UAV connectivity.

c) How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion, or utilization of the radio art, or is along a line not already investigated.

This program will generate empirical data on how terrestrial 5G systems perform when serving UAVs as aerial users in a production-like environment. The testing will help determine how UAV altitude and flight behavior affect coverage, uplink interference, mobility, handover performance, and terrestrial-user impact. The results are expected to inform future network

planning, UAV connectivity design, spectrum utilization, RAN configuration practices, and operational approaches for cellular-connected drone services over licensed spectrum, including public-safety UAV use cases.

Testing will be conducted on an unprotected, non-interference basis. If Applicant observes or is notified that harmful interference or unacceptable network impact is occurring due to the testing, Applicant will immediately suspend the affected test activity and return the network to normal operation.

Stop Buzzer Point of Contact:

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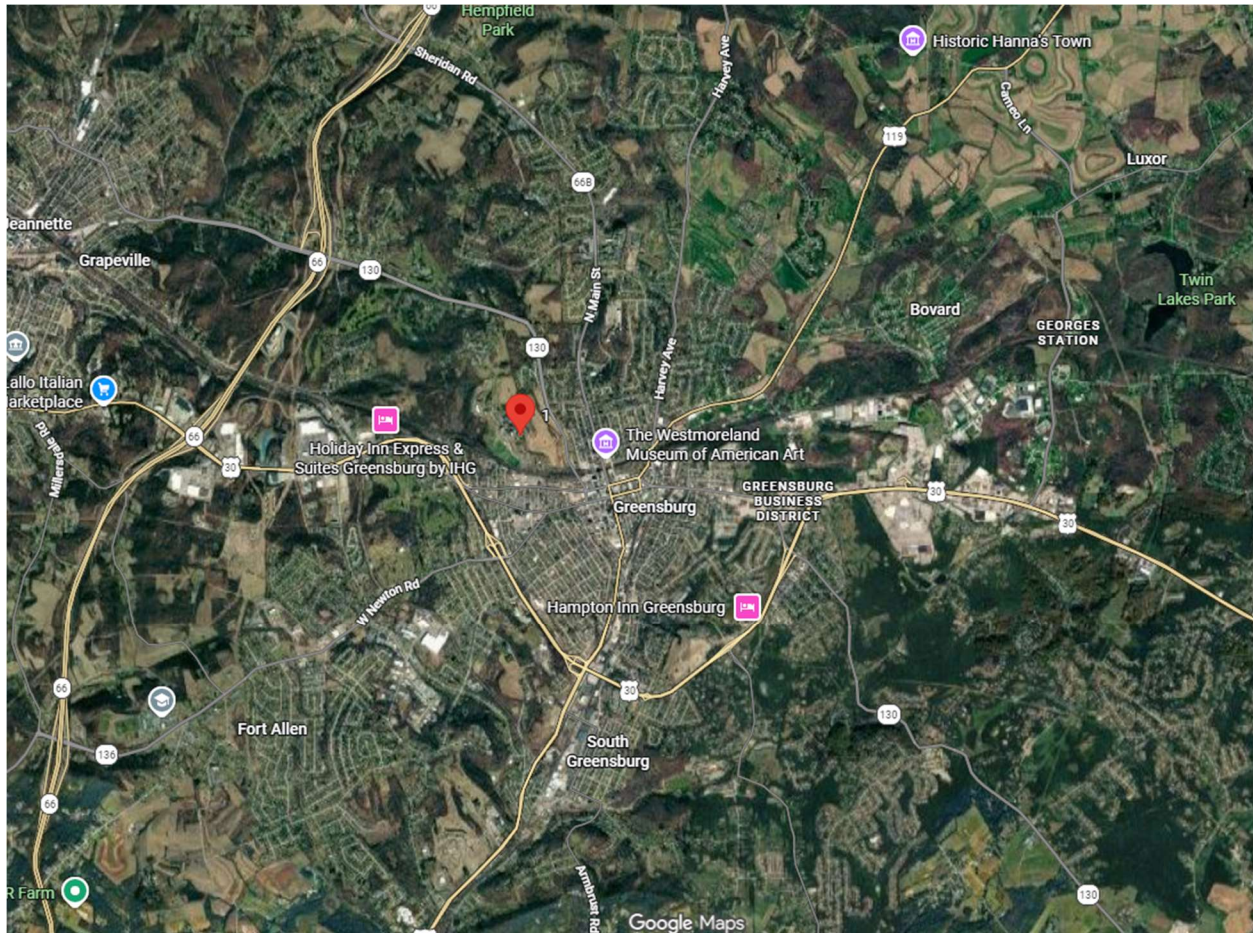


Figure 1: 1 Seton Hill Dr, Greensburg, PA 15601 is the starting point for our drone testing.