

Exhibit

Applicant seeks a two (2) year experimental license to demonstrate the functionality and capabilities of fifth generation advanced (“5G advanced”) and potential 6G wireless communication systems. Equipment for these experiments and demonstrations will be based on pre-commercial or experimental hardware operating in the following spectrum bands:

- 5925MHz-8400MHz
- 10700MHz-15350MHz
- 92000-100000MHz

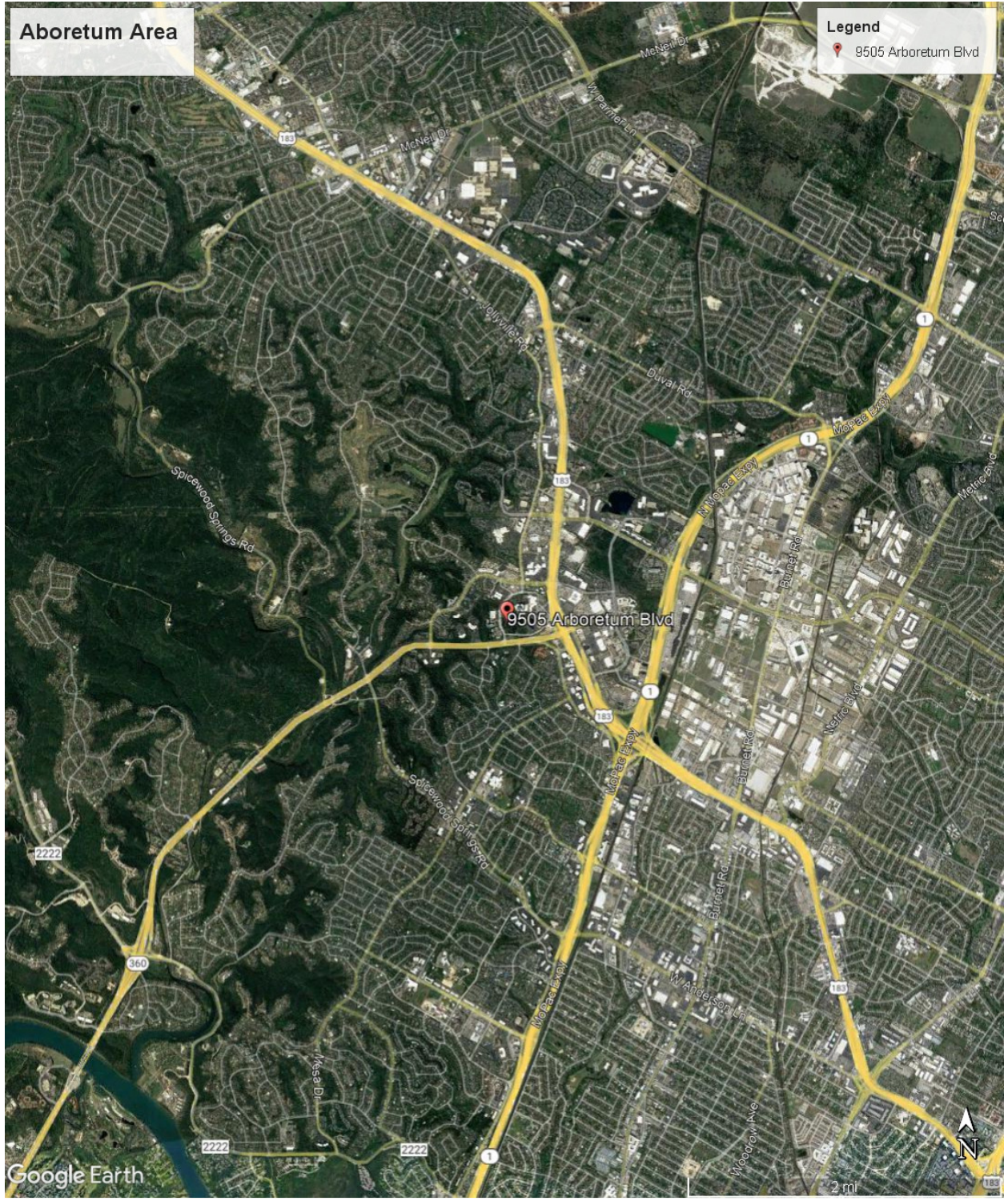
The industry standards organization, 3rd Generation Partnership Project (“3GPP”), is developing 5G Advanced and 6G standards, which are expected for release beginning in 2024. 5G Advanced and 6G systems will utilize advanced antenna technologies with beamforming and multiple in multiple out (“MIMO”) technology, as well as more efficient coding and modulation schemes, supporting multi-Gbps throughput on both the downlink and uplink.

Applicant’s 5G Advanced and 6G technology investigations will involve communications between fixed (FX) base stations placed both indoors and outdoors at 9505 Arboretum Blvd, Austin TX, 78759, and mobile (MO) units. The wireless link will be established between the base station and mobile user equipment (“UE”) located at distances up to 5km. The base station and UE will be operated at 10-30 meters and 1 meter, respectively, above ground level.

The experiments using this license will provide valuable information to optimize next generation cloud native architectures and technologies, support trustworthy, secure, and scalable application, new use cases, e.g., sensing, and multi-Gbps throughput for cellular users.

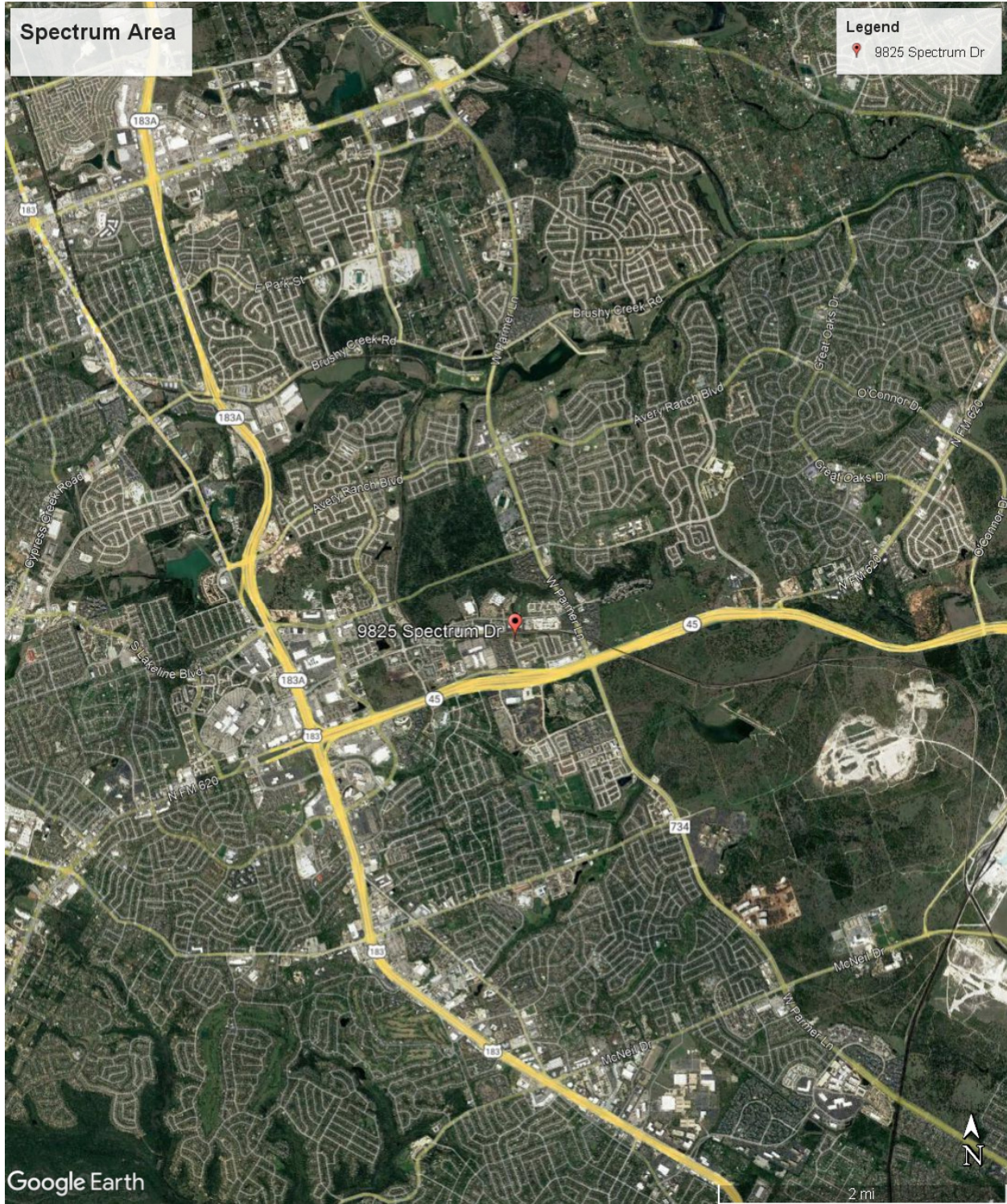
Aboretum Area

Legend
📍 9505 Arboretum Blvd



Spectrum Area

Legend
📍 9825 Spectrum Dr



Google Earth

2 mi