

Exhibit A

I. Purpose of the Experiments

The experiments are for testing a new (patent pending) method of wireless power transmission using the electric field (as opposed to the more popular electromagnetic field). This is also known as Capacitive Power Transmission (CPT).

IVO Ltd. has developed its own CPT equipment and is desiring to experiment its capabilities within its own property located at 451 W. Park St, Covington, VA. This corresponds to the GPS coordinates listed in the application (N37.7589, W79.9925).

This is a first step towards commercialization.

II. Description of Experiments

IVO Ltd.'s proprietary CPT equipment involves a Transmitter and a Receiver. The Transmitter includes a power supply, frequency timing circuitry, a compensation network and the actual capacitive plates involved with transmission. The Receiver includes the capacitive plates involved with receiving, a compensation network, and AC/DC rectifying circuitry. The capacitive plates tend to be 340mm square although some are larger and some are smaller. Most are directional, but some are omnidirectional.

The experiments will involve transmitting power wirelessly via the electric fields induced between the Transmitter's capacitive plate and the Receiver's capacitive plate. The experiments will involve powering UAV's and other mobile devices within the confines of our facilities.

No individuals outside of our company's personnel, or others directly involved with the experiments will be exposed to the tests. This facility is not accessible to the general public.

III. Frequencies to test

The main frequencies we have been focusing on have been the AM radio band (535kHz-1605kHz). Our local radio station is WKEY—1340kHz. We will be very careful to avoid this frequency (exclude 20kHz below and 20kHz above). We have a good working relationship with the current general manager of this radio station and will continue to make sure that our experiments will not interfere with their work.

We have requested a wide band from 300kHz to 1200kHz for testing, due to the uncertainty concerning what frequencies would be best to pursue toward full commercialization. It is not our intention, nor is our CPT equipment capable of, spamming this entire band. The CPT can only use and test at a single frequency at any given time. It is our desire to specifically target frequencies within the lower half of the AM radio band (535kHz to 1200kHz).

We are open to suggestions from the FCC concerning specific frequencies. In other words, if there are specific frequencies within the requested band that you would like IVO to limit its testing to, please let us know!

IV. Power levels to test

Up to 100watts of power has been requested. Most experiments will be under 50watts.

These tests are all intended to be for transmission distances of less than 100 meters. Most experiments will be for transmission distances of less 3 meters.

V. Initial Radiated Emissions testing

Initial electromagnetic radiation testing of our prototype was conducted at the Wireless Research Center of NC (3331 Heritage Trade Dr. Suite 101, Wake Forest, NC 27587). Their report is included with this document as IVO-RE-report-Nov11-2020.pdf