

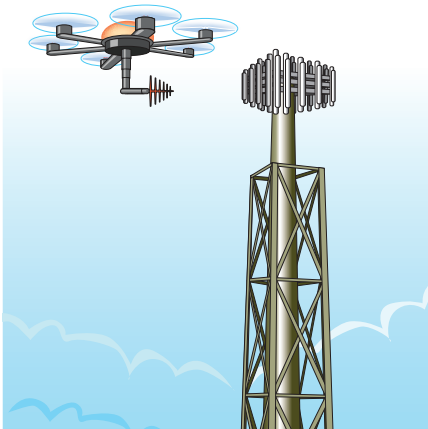
# Keysight Technologies

## Full Scale Antenna Pattern Measurements

Keysight offers full scale antenna pattern measurements using airborne drones

Using the latest airborne drone technology, Keysight measures antenna patterns on:

- Vehicle mounted antennas
- Naval craft mounted antennas
- Aircraft mounted antennas
- Cell phone towers
- Stationary antennas



### Drone specifications

- 11 kg max take-off weight
- 15-18 minute flight time
- Pixhawk 2.1 flight controller
- Here+ RTK GPS system
- Onboard PC, 10 MHz reference, RF Modem, and spectrum analyzer all independent of flight system



### Verify & validate

- Verify & validate antenna placement on your platform against model predictions

### Real-world data

- Obtain real-world data of antenna performance placement on your platform

### Real-world influence

- Determine real-world influence of platform structures on antenna performance

### In-house or On-site

- We can evaluate patterns at our 50x80 meter ground plane facility, at your site, or in the field

For more information,

call: (712) 254-5100 or email: [quotes.lc@Keysight.com](mailto:quotes.lc@Keysight.com)