



PORTABLE ANTENNA TESTING AND MEASUREMENT SOLUTION

- TIME EFFICIENT
- COST EFFECTIVE
- OPERATIONALLY FLEXIBLE



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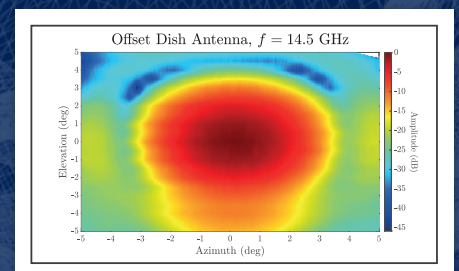
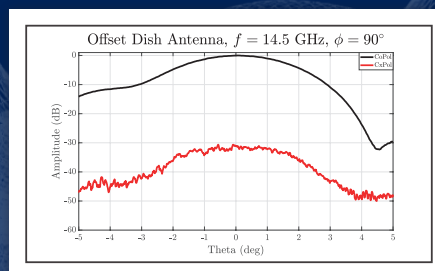
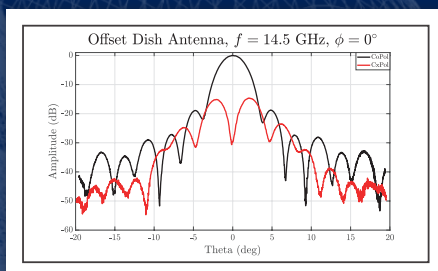


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MEASUREMENT SERVICES ▶

→ QUADSAT SYSTEM SPECIFICATIONS

FEED SYSTEM	Linear dual-polarised quad-ridged horn 6-24 GHz
POLARISATION	<ul style="list-style-type: none"> • Full 360 degree feed rotation • VP, HP, LHCP, RHCP
CROSS POLAR DISCRIMINATION	30 dB typical
TRANSMIT POWER	EIRP -15 dBm to +35 dBm adjustable in 0.1 dB step
OPERATIONAL TIME	Up to 30 min. mission duration per battery/continuous operation
STABILISED PAYLOAD	Counteracting drone motion and maintaining beam pointing stability
WEATHER CONDITIONS	Withstands light rain and wind speeds up to 15 m/s (33.5 mph)
OPERATING TEMPERATURE	-10°C to 40°C (14°F to 104°F)
CREW	Single operator system
CAPABILITIES	<ul style="list-style-type: none"> • Radiation pattern generation • Ground bounce mitigation • Absolute gain measurements • LEO and MEO satellite path emulation (TLE) • Tracking evaluation
FEATURES	<p>Variable AUT to probe distance providing measurement flexibility</p> <ul style="list-style-type: none"> • QuadSAT software has a scripting capability which can be customised • Single cuts and 2D images as well as exportable raw data



Contact us for more detailed information about QuadSAT and how we can support your work.