


Name of the Equipment/Test Facility	Active Array Antenna Measurement and Diagnostic Test Center (A3MDTC)
Purpose/Use	Antenna Pattern Measurements (Planar Near Field, Spherical Near Field) & Antenna Holography (Through Back Projection)
Photograph	
Key Specifications	<p>Anechoic Chamber Dimensions: 33m(L)x18m(W)x17m(H) Frequency: 1 to 20 GHz Reflectivity: Better than -50 dB RF Shielding: Better than -100dB Planar Scanner: 24m(X-axis), 10m (Y-axis) & 1m (Z-axis) Measurement accuracy</p> <ul style="list-style-type: none"> Side lobe level : -50 dB peak \pm 3dB Beam pointing : 100 micro radians <p>Polarization measurement : Two orthogonal linear polarizations Far field angular coverage : \pm 80° Az, \pm 60° El Acquisition & Analysis Software: MIDAS Measurement capabilities: Far field Radiation Patterns, Back projection on antenna aperture for diagnostics, Gain measurement of the AUT, Pulsed mode operation, Probe, Injection & Calibration modes, Non reciprocal antenna measurements, Active & Passive Array antenna and High power radiated measurements</p>
Representative Output, if possible	