

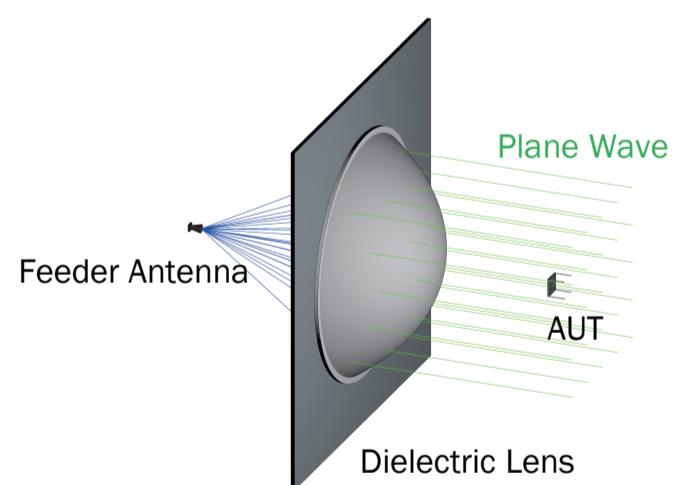
Economical CATR Solution for Ka / V band

This economical CATR system integrates our patented dielectric lens technology with industry-leading chambers and positioners from MilliBox (USA). Specifically optimized for Ka and V-band applications, it offers a highly cost-effective solution without compromising on measurement accuracy.

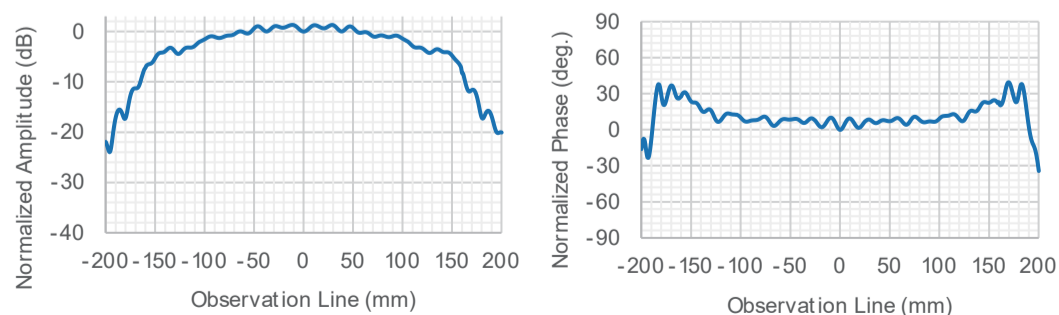
Fully compatible with our MATEOS.NET measurement software, the system provides seamless control over various VNAs, featuring robust data visualization and comprehensive analysis tools to streamline your RF testing workflow.

System Specifications

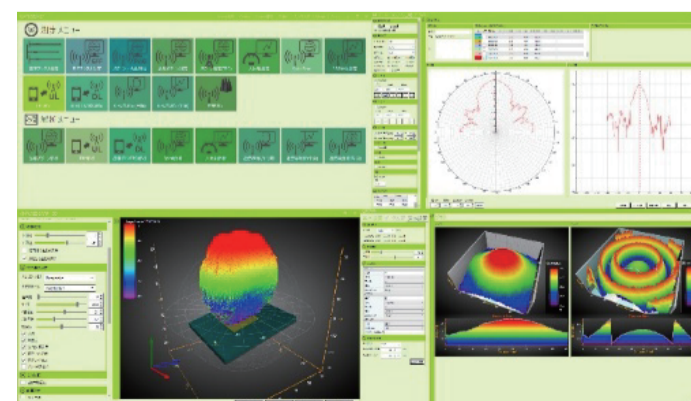
Specifications (Simulation Results)					
Frequency Range	26.5 GHz - 40 GHz (P/N : CL01-MB) 50 GHz - 75 GHz (P/N : CL02-MB)				
Feeder Antenna	Ka/V-Band Corrugated Horn Antenna				
Lens Size	φ 400 mm				
Quiet Zone (QZ)	Max: ±100 mm at 30GHz and 60GHz				
Measurement Distance	200 mm (from the top of the Lens)				
QZ Quality (Ka Band)	Range	±50 mm	±65 mm	±75 mm	±100 mm
	Phase	±5.1 deg.		±5.5 deg.	
	Amplitude	±0.65 dB	±0.85 dB	±1.18 dB	±1.42 dB
Exterior Dimensions	128 x 98 x 66 cm				
Max AUT Size	160 mm (width) and 50 mm (depth)				
Max AUT Weight	1 kg				
Standard Configuration	Anechoic Chamber 3D Positioner Feeder Antenna Fixture Dielectric Lens Feeder Antenna Automatic Measurement Software				



Plane Wave Performance at 30 GHz



MATEOS.NET Automatic Measurement Software



Supported VNA: Anritsu, Keysight, R&S