

# Near Field Antenna Measurement Platform

- **TECHNOLOGY**

- Near field / Planar

- **MEASUREMENT FUNCTIONS**

- Gain pattern (Hemisphere)
  - Directive
  - Beam width
  - Side lobe level
  - Efficiency
  - EIRP
  - EIS



- **SPECIFICATIONS**

Parameters	Min	Typ.	Max	Unit
Frequency	3	28	60	GHz
DUT Size	-	3 × 3	20 × 20	cm <sup>2</sup>
DUT Weight (PMMA)	-	0.1	5	kg
DUT Port	-	1* <sup>1</sup>	-	-
Dynamic Range * <sup>2</sup>	-80	-	10	dBm
Isolation	-	50	-	dB

- \*<sup>1</sup>The DUT port number depends on measurement instruments and optional switch
- \*<sup>2</sup>The Dynamic range depends on measurement instruments
- This platform includes an embedded controller and a measurement control GUI
- Option:
  - Frequency up-down converter: up to 40 GHz
  - Power amplifier / low noise amplifier: up to 40 GHz

- **MECHENISM SPECIFICATIONS**

Parameters	Min	Typ.	Max	Unit
Motor Step Angle	-	0.018	-	deg.
Scanning Range	-	-	60 × 60	cm <sup>2</sup>
Platform Weight	-	160	-	kg