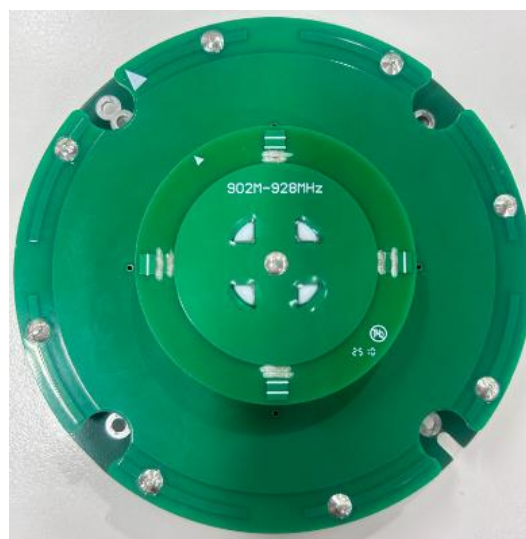


1、PERFORMANCE

Specification	Value
LORA Gain (maximum)	916MHz: 1.17dBi
Polarization	LORA: Linear Vertical
Frequency	LORA: (902MHz~928MHz)
Weight	≤220g
Size	Φ120*26.85mm
Antenna Color	Green
Operating Temp	-40°C to +85°C
UL Rating	
Model	RR_Lora_NA
Manufacturer	HARXON CORPORATION
Address	Room 501, Han's Laser Technology Centre, Shennan Ave No. 9988 , Nanshan District, Shenzhen, Guangdong Province, China 518057

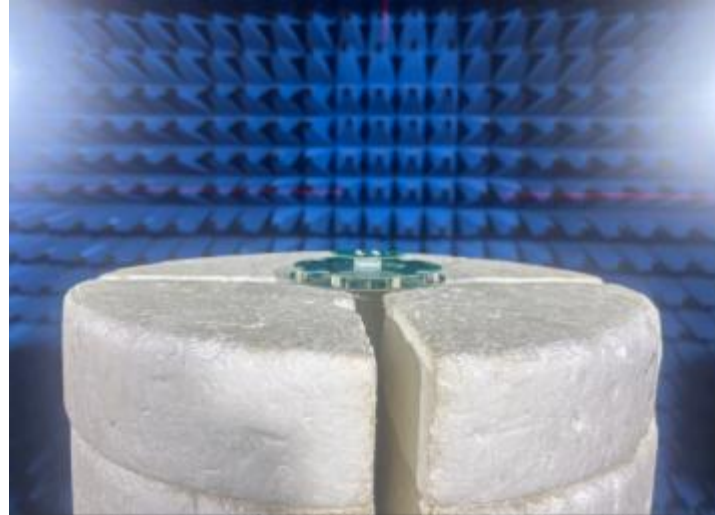
2、Antenna picture



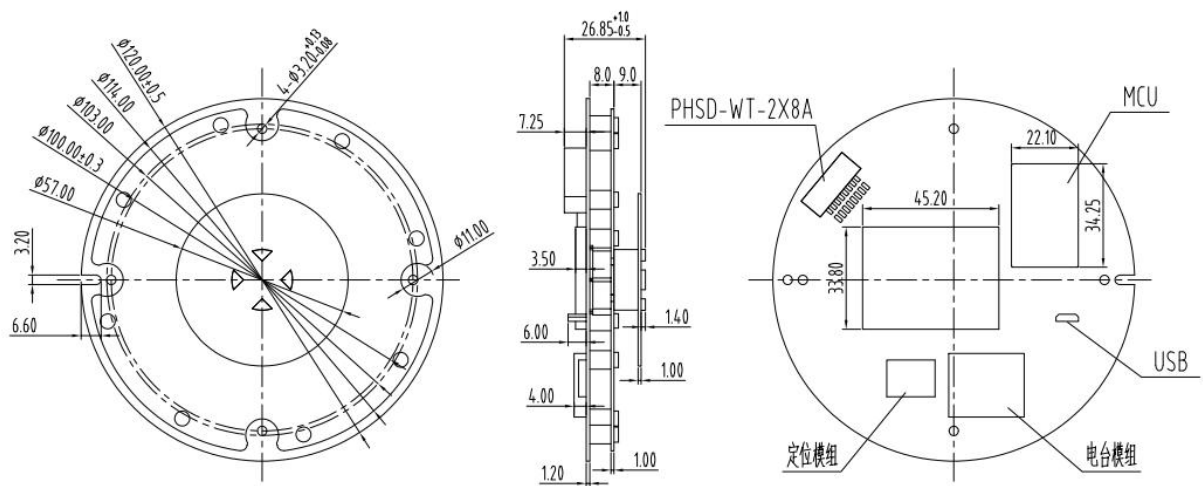
3、Test environment

3.1 The multi-probe spherical test system utilizes a ring frame and a turntable in conjunction with multiple bipolar probes evenly distributed on the ring frame. This enables rapid acquisition of antenna spherical near-field amplitude and phase information, achieving measurements within an anechoic chamber.

3.2 Measurement Setup



4、Structural Drawing



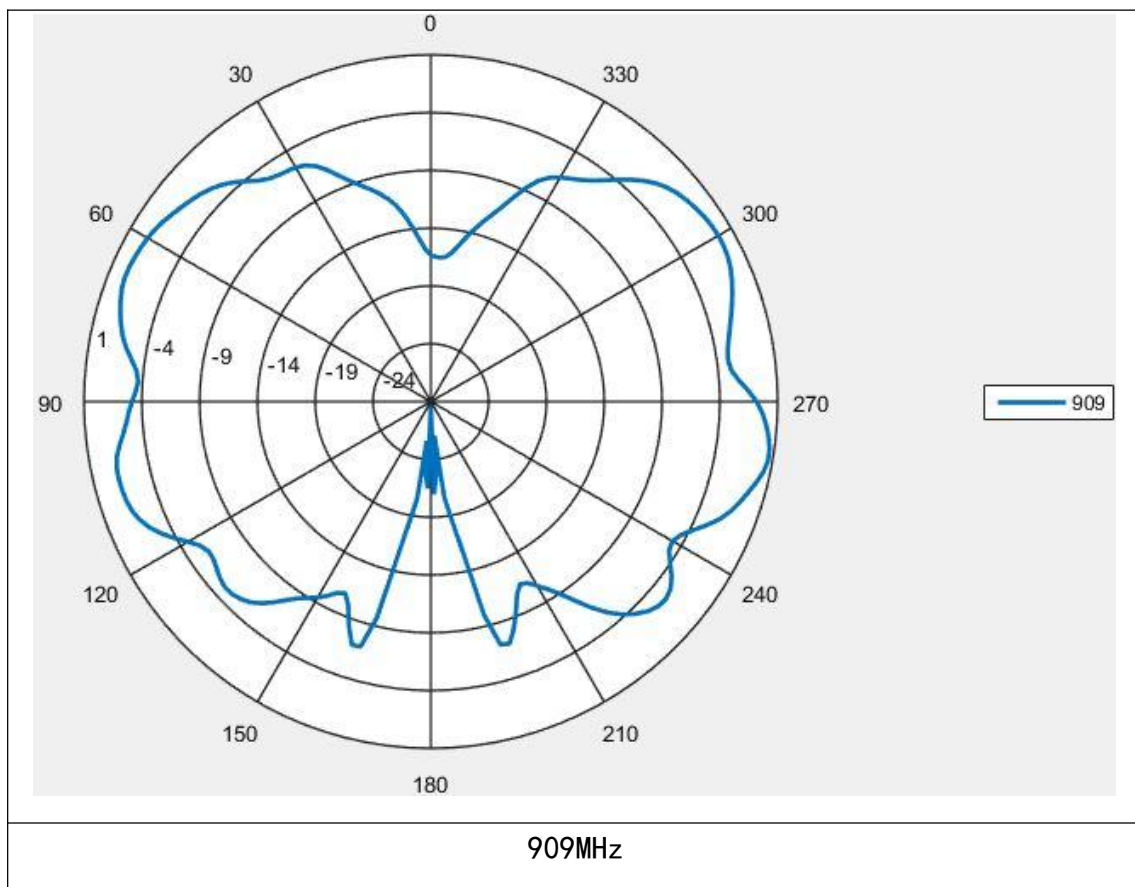
5. LORA Antenna Characteristics

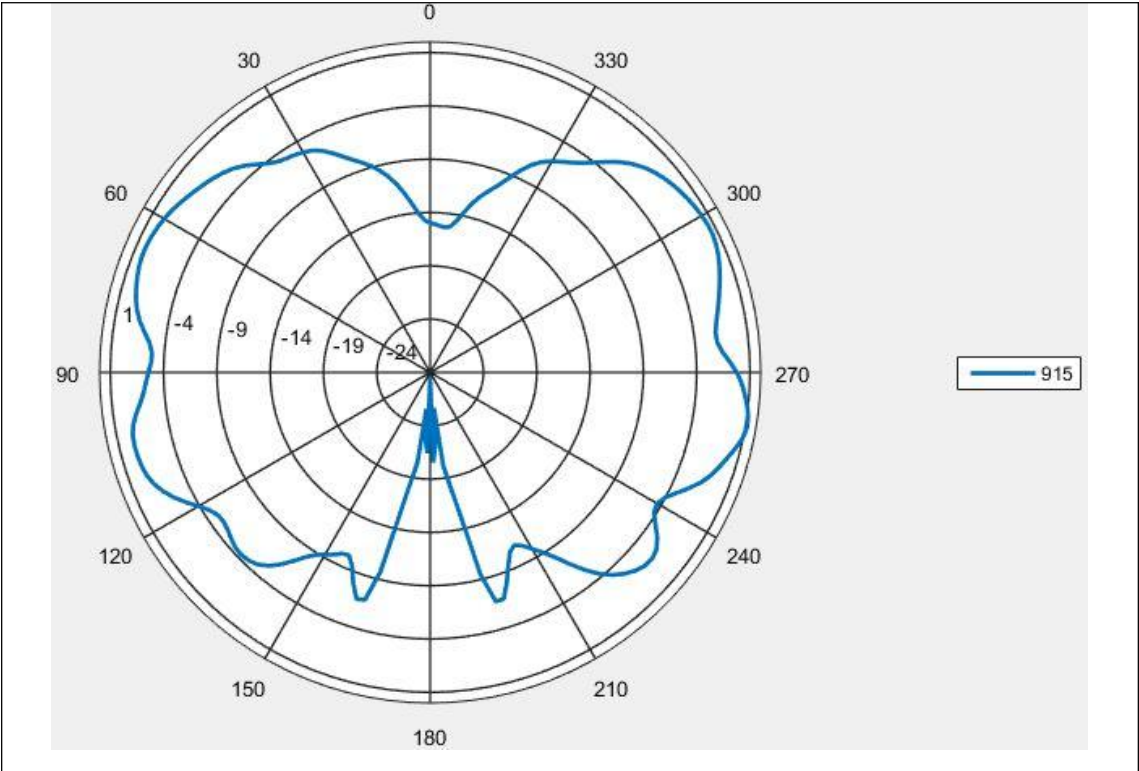
5.1 LORA Antenna radiation parameters

Frequency (MHz)	Gain (dBi)	Efficiency (%)
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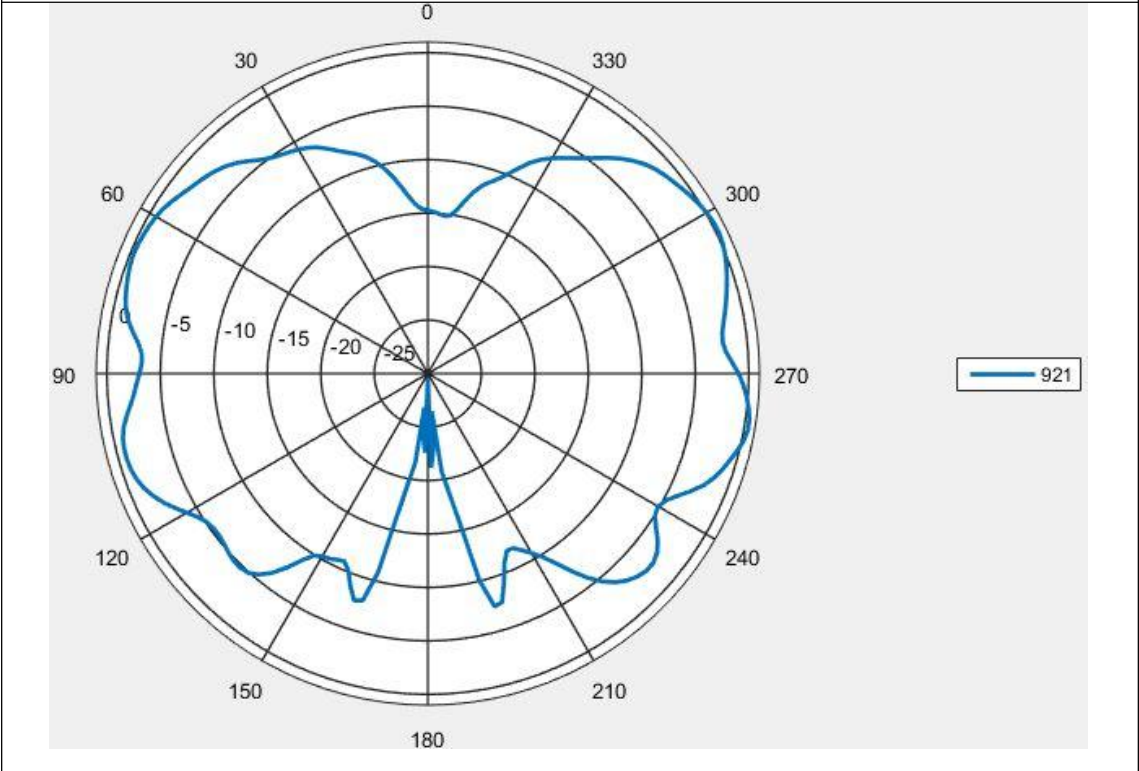
902	-0.82	36.34
904	-0.41	39.90
906	0.05	44.66
908	0.47	49.25
910	0.80	53.47
912	1.01	56.68
914	1.15	58.95
916	1.17	60.44
918	1.08	58.87
920	0.85	55.64
922	0.57	51.88
924	0.24	47.75
926	-0.20	43.38
928	-0.73	38.34

5.3.2 LORA Radiation Characteristics





915MHz



921MHz