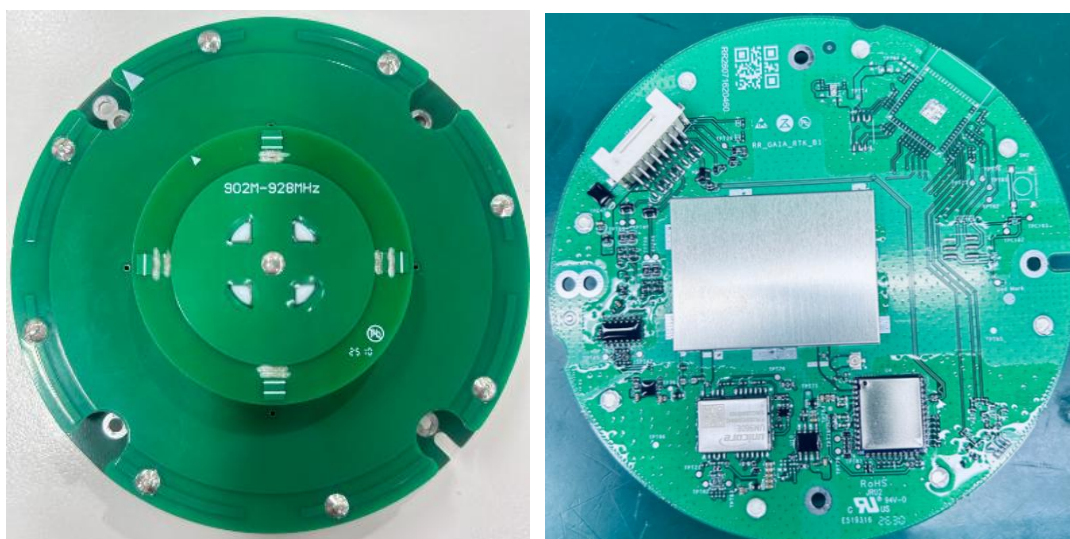


1、PERFORMANCE

Specification	Value
LORA Gain (maximum)	-0.5dBi
Polarization	LORA: Linear Vertical
Frequency	LORA: (902MHz~928MHz)
Weight	≤140g
Size	Φ120*28.7mm
Antenna Color	Green
Operating Temp	-40°C to +85°C
UL Rating	
Model	RR_Lora_NA
Manufacturer	HARXON CORPORATION
Address	Room 501, Han's Technology Center, No. 9988 Shennan Avenue, Maling Community, Yuehai Street, Nanshan District, Shenzhen

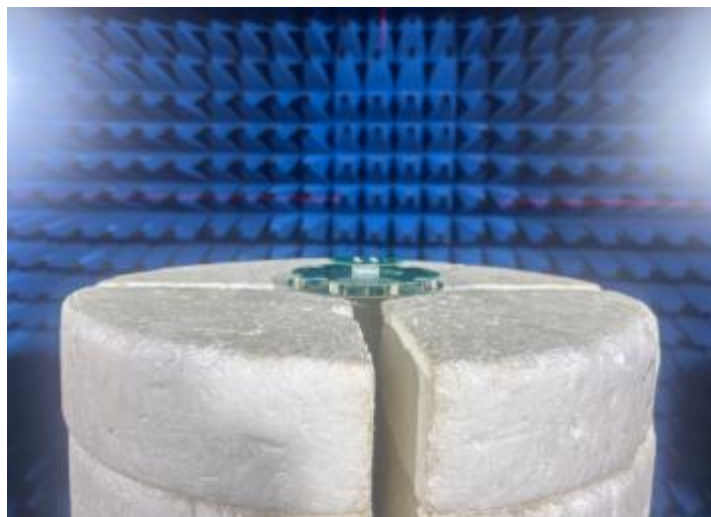
2、Antenna picture



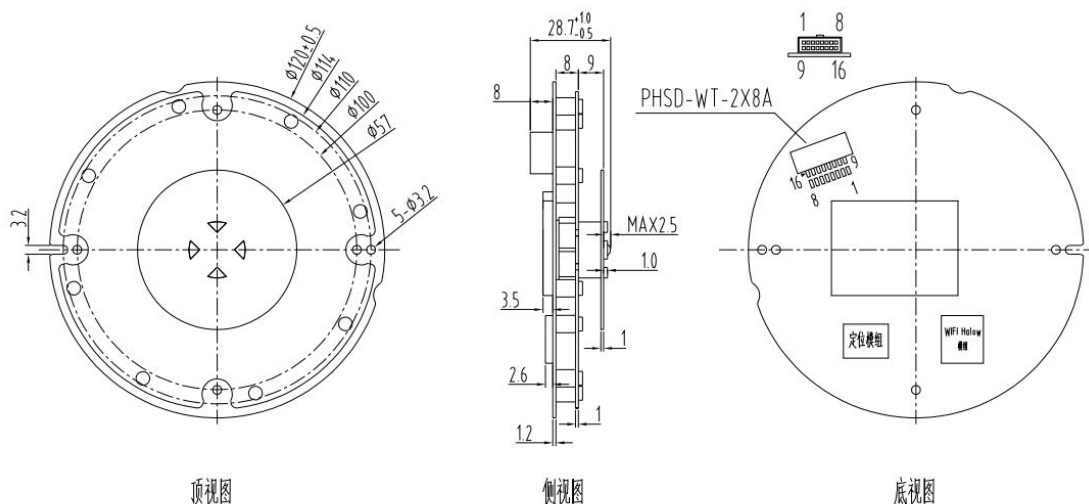
3、Test environment

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	-1.3	51.8
903	-1.2	52.0
904	-1.2	52.3
905	-1.1	52.6
906	-1.0	53.6
907	-1.0	54.0
908	-0.9	54.5
909	-0.9	54.8
910	-0.9	55.0
911	-0.9	55.2
912	-0.9	55.3
913	-0.8	55.5
914	-0.8	55.7
915	-0.7	55.8
916	-0.6	56.6
917	-0.5	56.4
918	-0.5	56.1
919	-0.5	55.6
920	-0.5	55.1
921	-0.5	54.6
922	-0.5	54.2
923	-0.5	53.9
924	-0.5	53.7
925	-0.5	53.3
926	-0.5	53.3
927	-0.5	52.6

928	-0.6	51.8
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5.3.2 LORA Radiation Characteristics

