

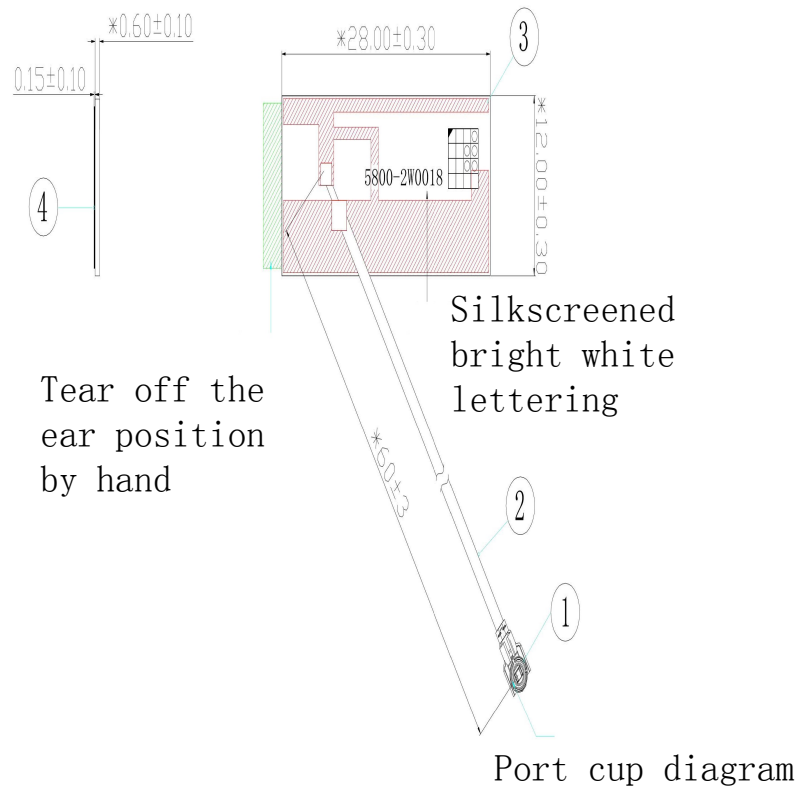
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Antenna Specification Sheet

Name: Halogen-Free - Built-in Antenna - 2.4G/5G - black 1.37Coaxial Cable
- 1st Generation Connector

3、Product Drawings

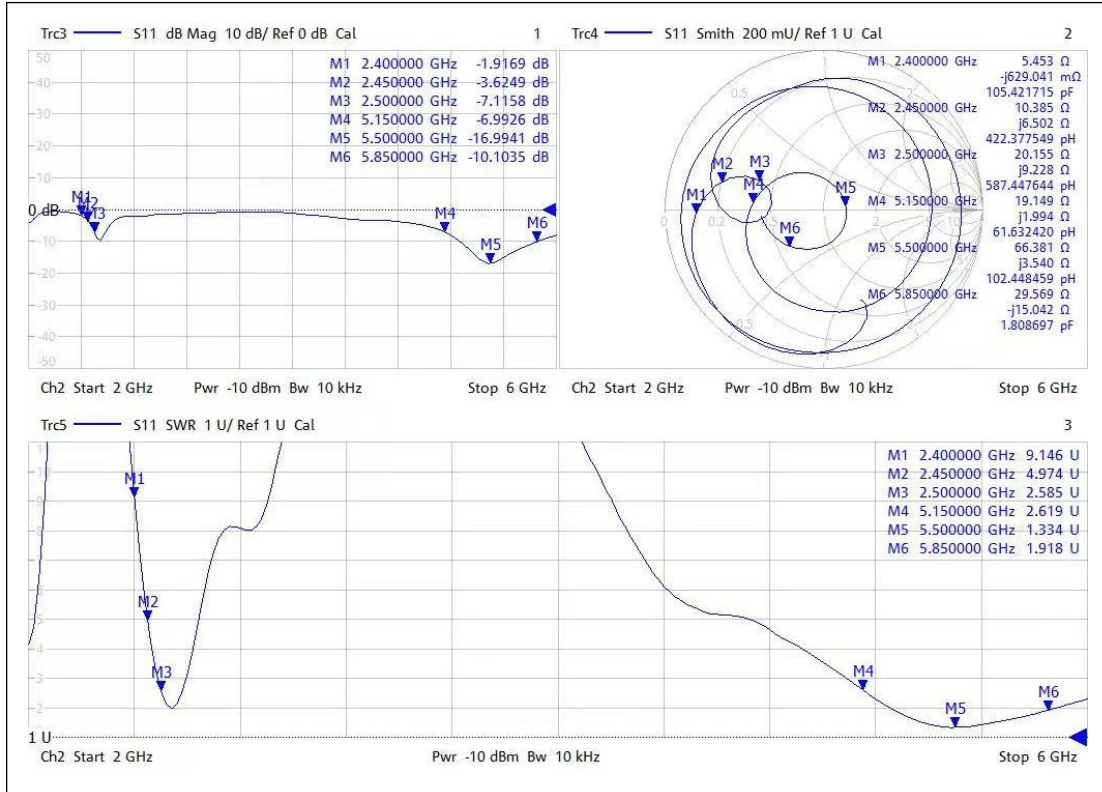


4、Performance parameters

Electrical parameters	
Frequency range	2400~2500/5150~5850MHz
input impedance	50 Ω
Standing Poppy	<10
gain	$\geq -5\text{dBi}$, $\leq 4\text{dBi}$
power capacity	<10w
polarization mode	Linear Polarization
radiation direction	Omnidirectional
Connector model	terminal
Mechanical Parameters	
line length	60 $\pm$ 3mm
Terminal holding force	$\geq 1\text{Kgf}$
coaxial cable	Black 1.37 Tinned Wire
salt spray test	24H
Environmental Parameters	
Operating Temperature	-30 $^{\circ}\text{C}$ ~65 $^{\circ}\text{C}$

5、Electrical Performance Test Report (Complete Unit)

S11



➤ VSWR Data

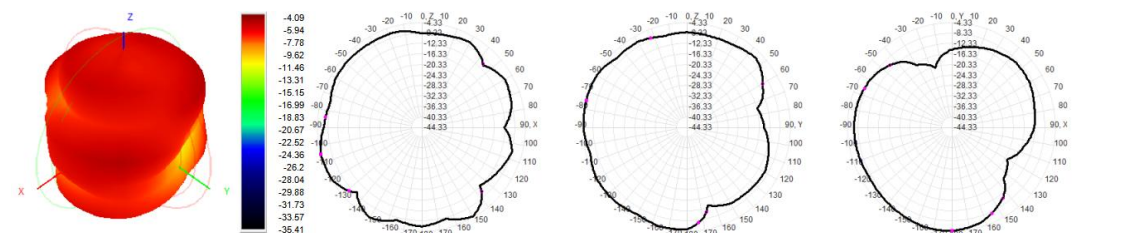
Freq/MHz	2400	2450	2500	5150	5500	5850
VSWR	9.146	4.974	2.585	2.619	1.334	1.918

Antenna Anechoic Chamber Test Data

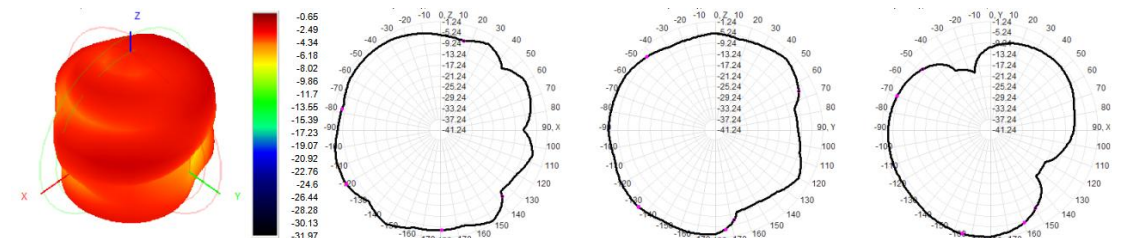
Frequency (MHz)	1#	
	Gain (dBi)	Efficiency (%)
2400	-4.09	24.14
2410	-3.47	25.81
2420	-2.52	26.57
2430	-1.79	30.07
2440	-1.28	32.63
2450	-0.65	34.00
2460	-0.32	35.87
2470	0.02	37.99
2480	0.21	39.66
2490	0.46	41.53
2500	0.72	42.35
5150	-0.50	55.13
5250	0.54	58.66
5350	0.85	61.56
5450	1.35	63.62
5550	2.68	65.15
5650	2.68	68.71
5750	2.36	64.61
5850	2.71	60.82

Antenna Radiation Pattern

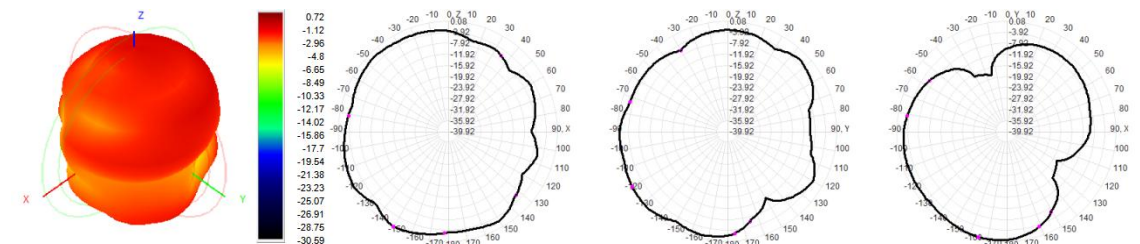
2400MHz



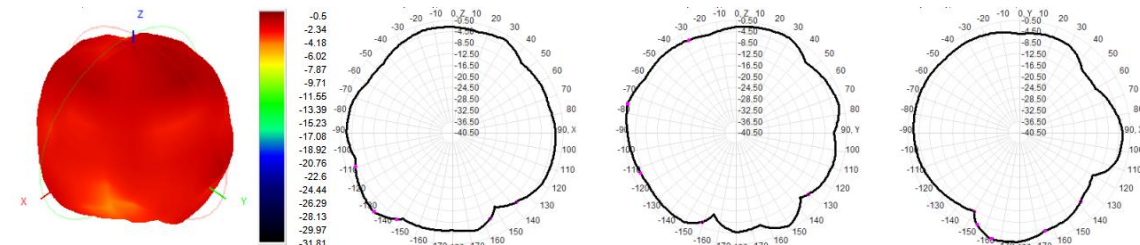
2450MHz



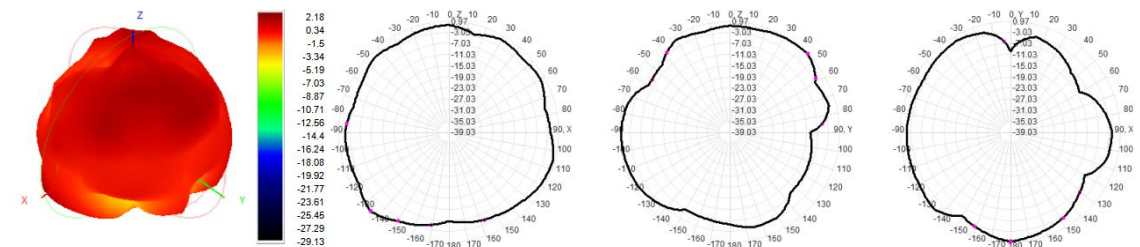
2500MHz



5150MHz



5500MHz



5850MHz

