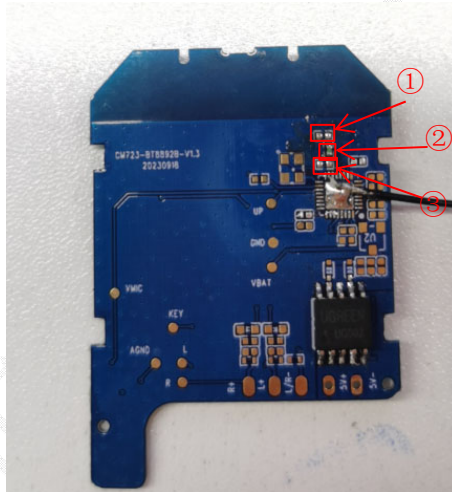


Antenna Specification

Product Name	CM723
ITEM	SPEC
Model Name	BT2.4G
Polarization	Vertical
Gain	1.78dBi
Impedance	50 Ω
Weight	/
Product description	PCB
Antenna Length	25.5*9.5*3.0mm
Manufacturer	
Address	

(Product picture)

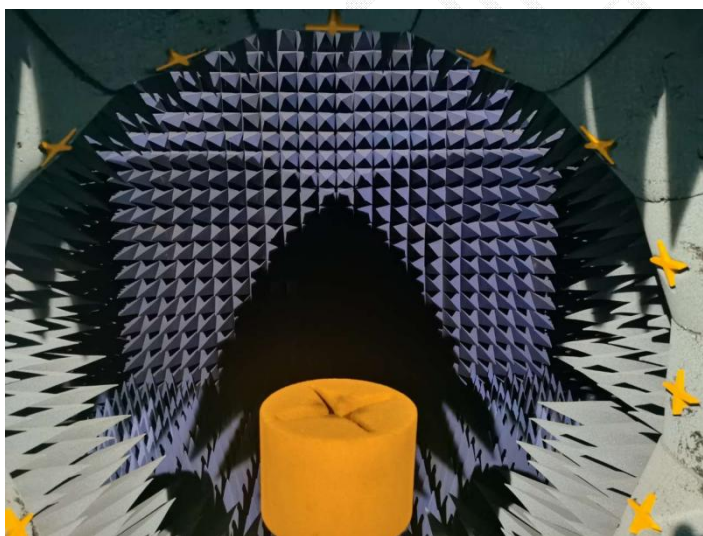
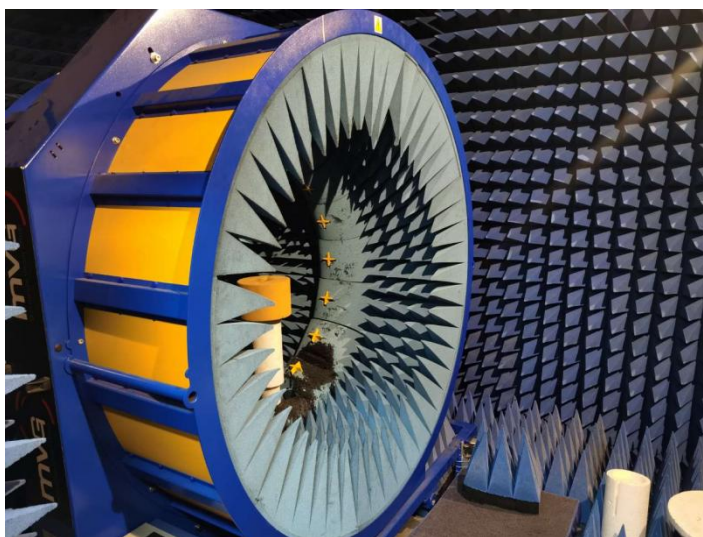


matching parameter

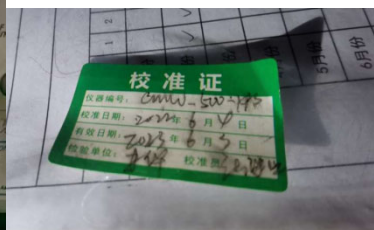
位号	①	②	③
数值	NC	0 Ω	NC

Test Environment

Satimo darkroom



CMW-500Anritu

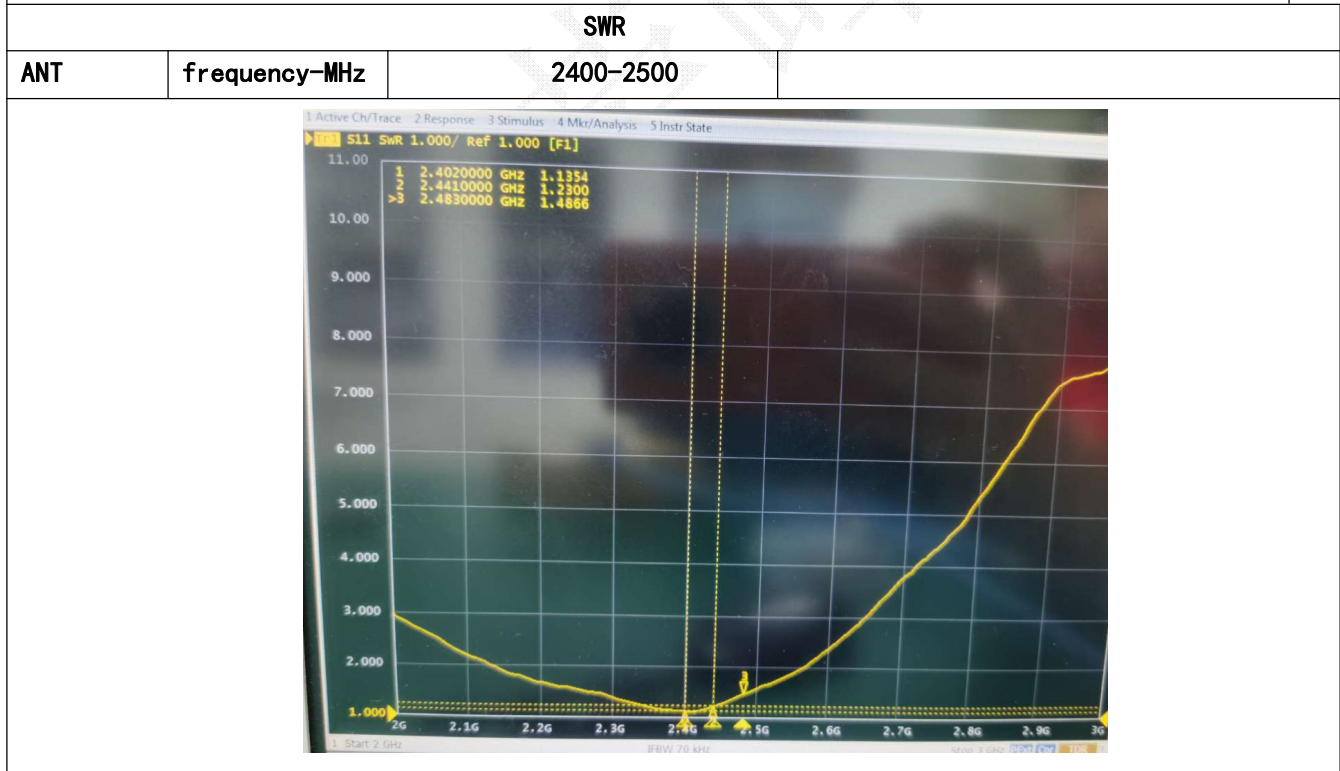
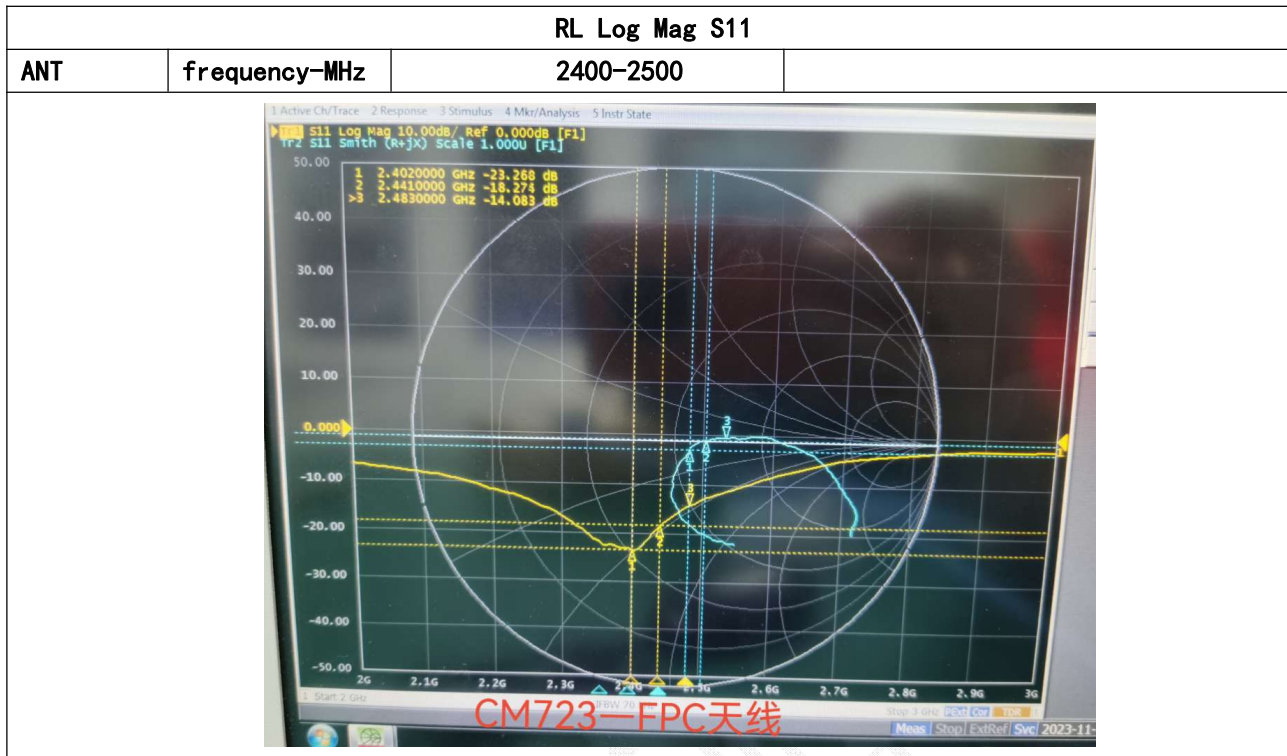


Agilent VNA Master



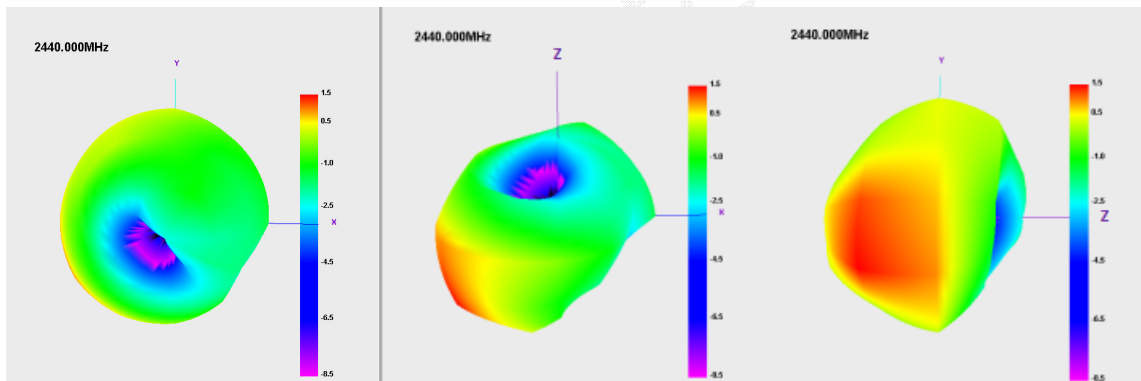
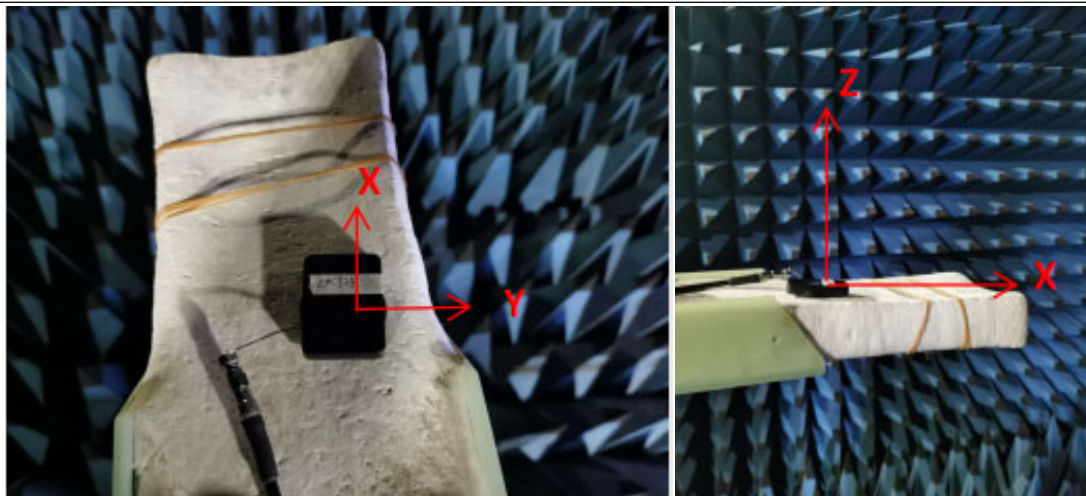
Electrical performance test results

ANT						
Number	Test Item	units	Performance index	Check Result		decide
1	frequency range	MHz	2402-2483.5	2402-2483.5		OK
2	GAIN	dBi	≥ -3	2400	1.57	
				2440	1.51	
				2480	1.78	
4	RL	dB	≤ -10	2402	-23.26	
				2441	-18.27	
				2480	-14.08	
4	SWR	dB	< 3	2402	1.13	
				2441	1.23	
				2480	1.48	

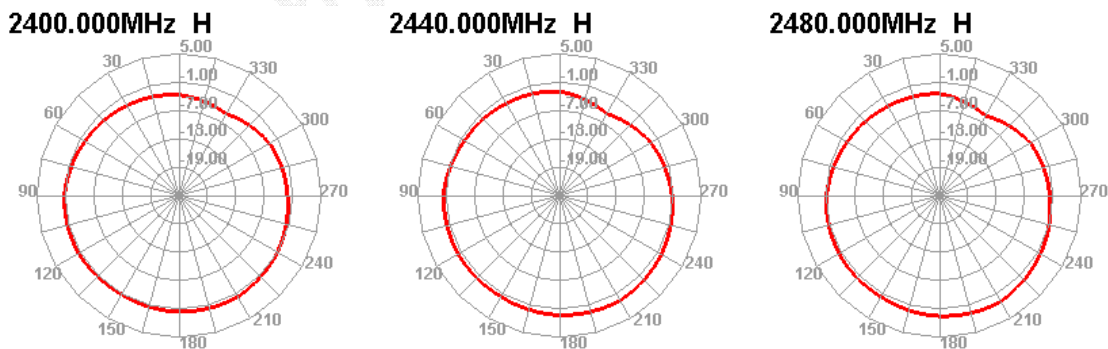


Radiation parameter test

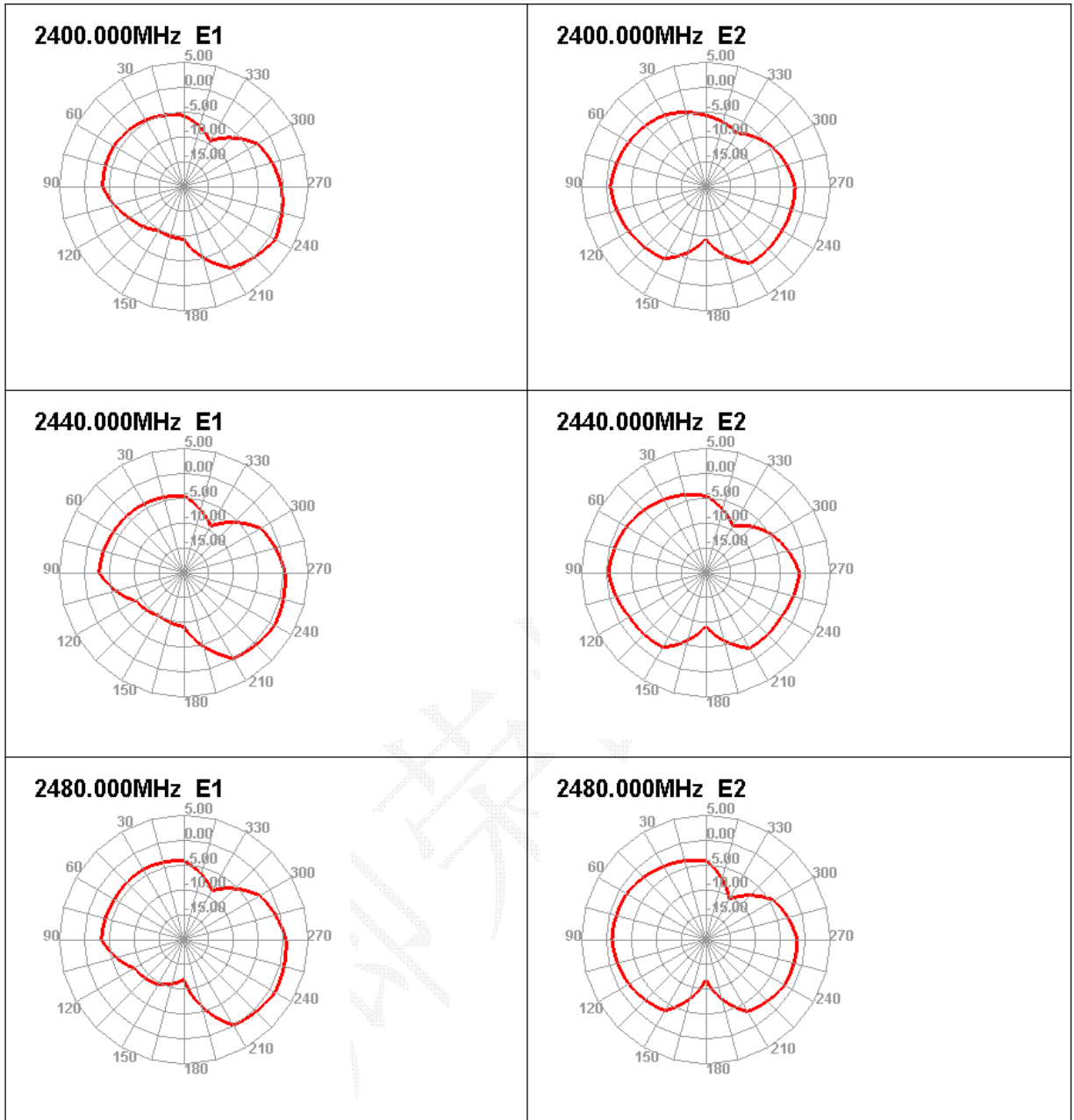
radiation pattern (2.4G) radiation pattern



horizontal plane



vertical plane



Antenna passive efficiency		
Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	1.57	54
2410MHz	1.28	49.75
2420MHz	1.25	50.84
2430MHz	1.23	52.35
2440MHz	1.51	57.66
2450MHz	1.68	59.04
2460MHz	1.75	57.69
2470MHz	1.59	54.42
2480MHz	1.78	57
2490MHz	1.98	60.97
2500MHz	1.98	63.45

興業