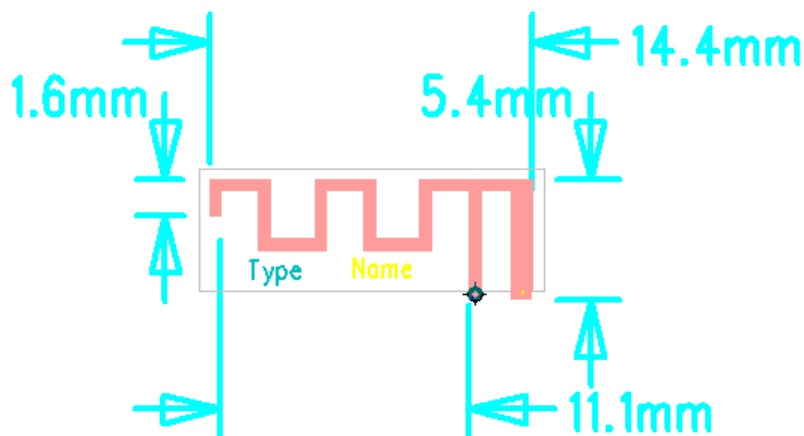


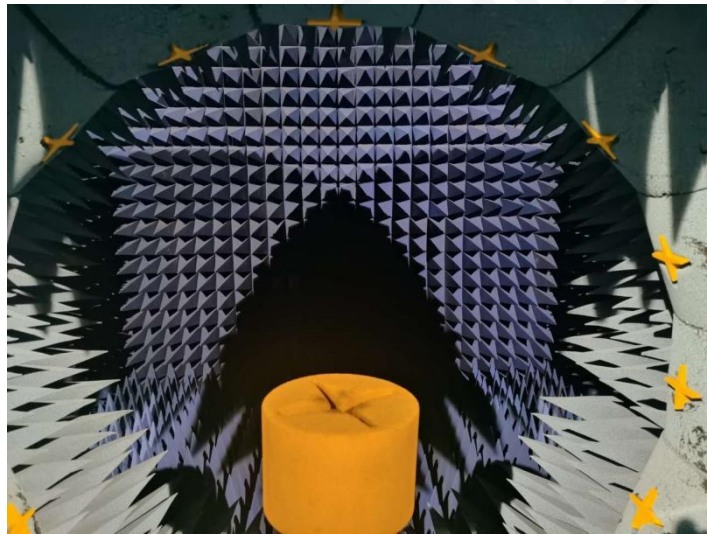
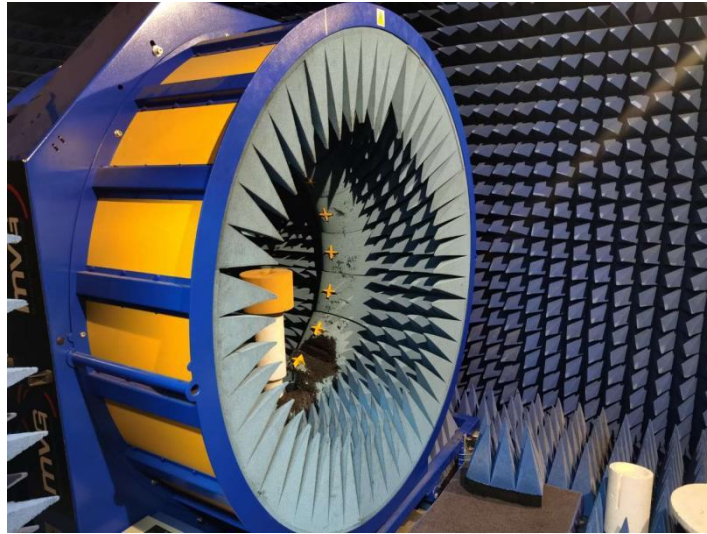
Antenna Specification

Product name	CM106
ITEM	SPEC
Model Name	BT2.4G
Polarization	Vertical
Gain	0.68dbi
Impedance	50 Ω
Weight	/
Product description	PCB
Antenna Length	25*5mm
Manufacturer	
Address	

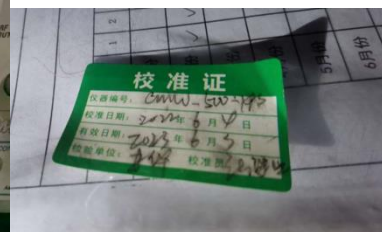
(Product picture)



Test environment



CMW-500



Agilent



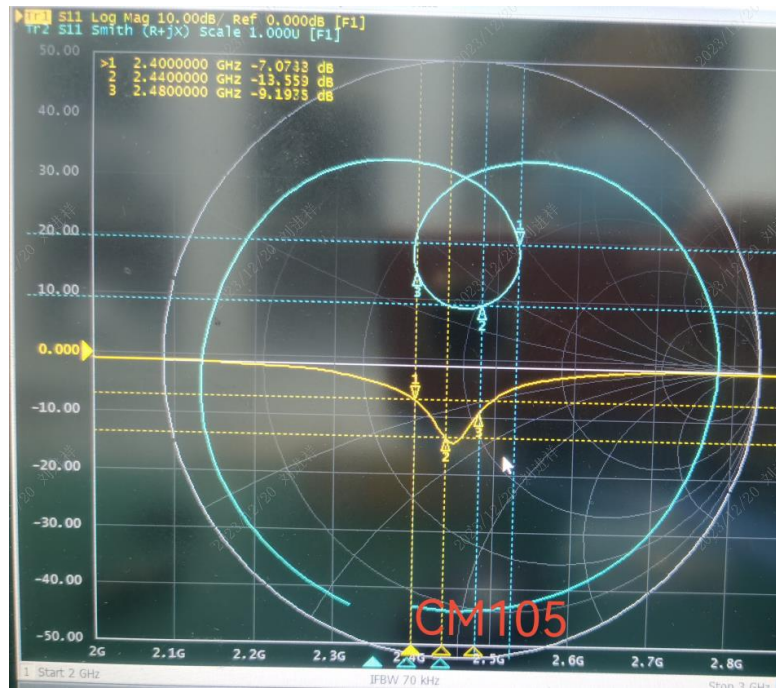
Electrical performance test results

ANT					
NO	item	unit	Performance index requirement	result	
1	frequency range	MHz	2402-2483.5	2402-2483.5	
2	gain	dBi	≥ -3	2400	-1.02
				2440	0.48
				2480	0.24
4	Return Loss	dB	≤ -10	2400	-7.07
				2440	-13.55
				2480	-9.19
4	SWR	dB	< 3	2400	2.52
				2440	1.52
				2480	2.07

Log Mag S11

frequency-MHz

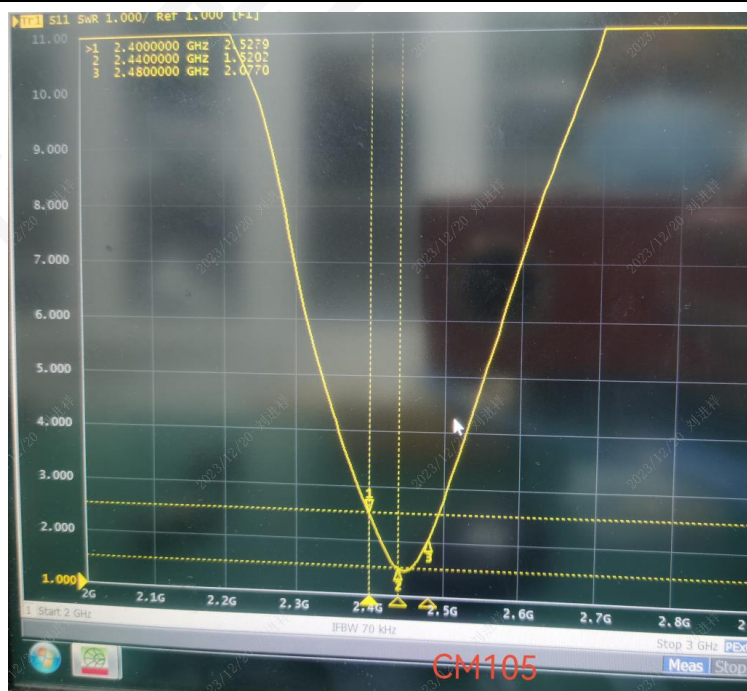
2400-2500



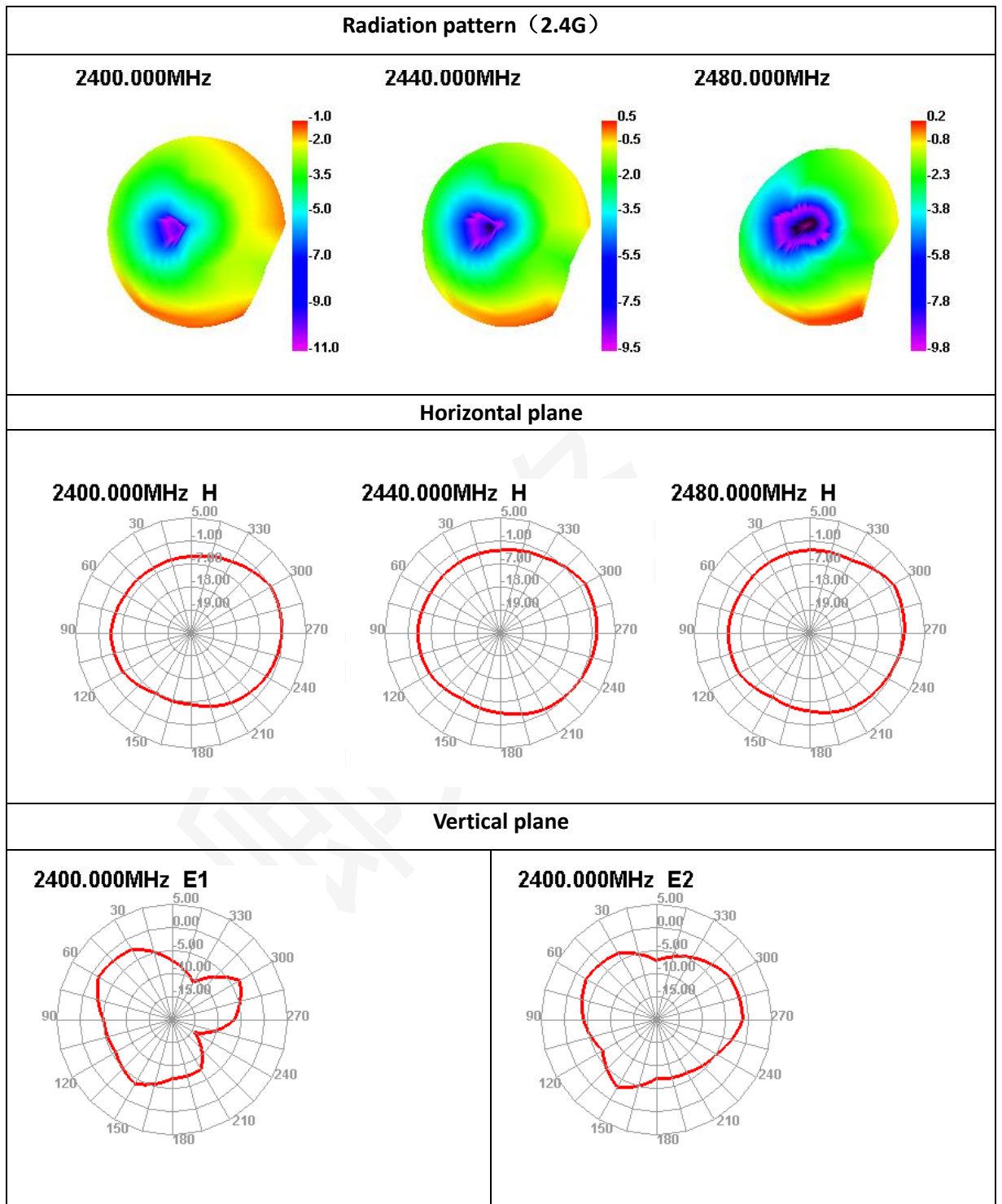
SWR

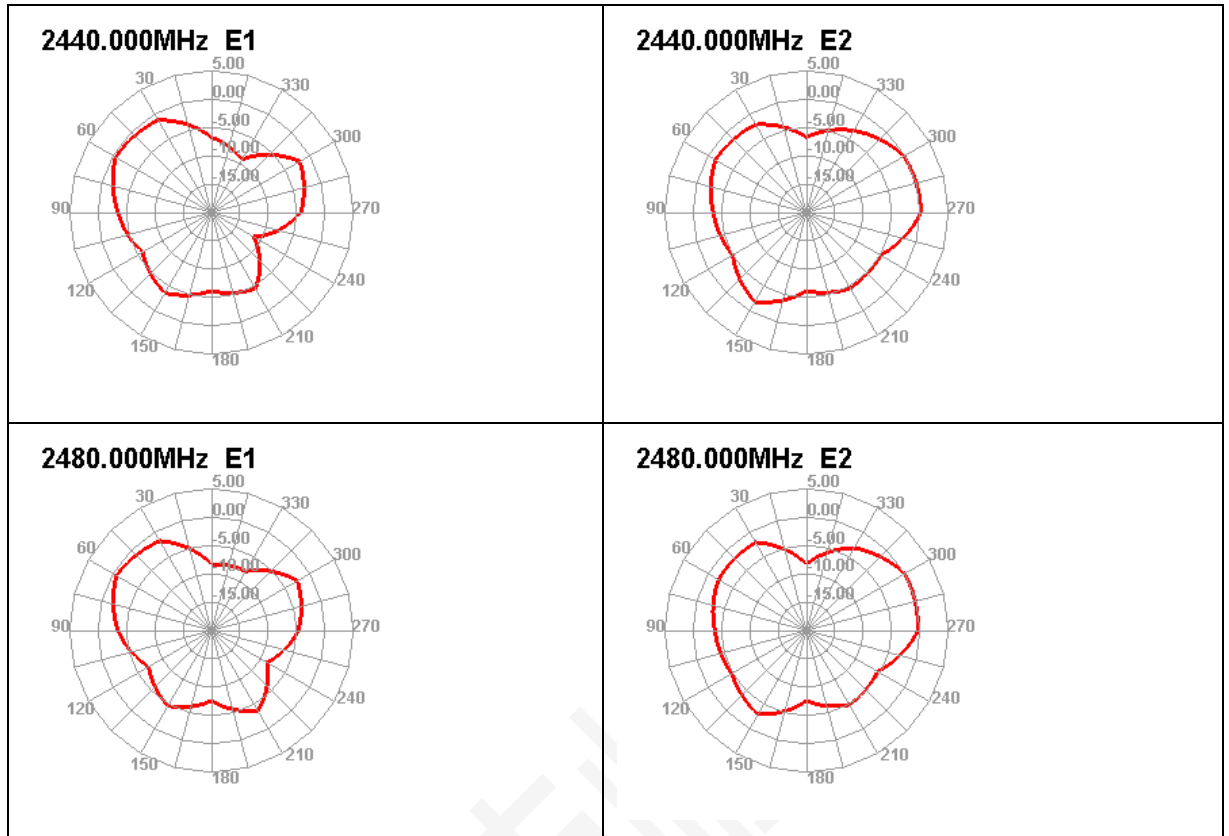
frequency-MHz

2400-2500



Radiation parameter test





Antenna passive efficiency

Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	-1.02	38.48
2410MHz	-0.92	39.43
2420MHz	-0.34	44.95
2430MHz	-0.09	46.14
2440MHz	0.48	51
2450MHz	0.68	51.42
2460MHz	0.66	51.99
2470MHz	0.2	46.41
2480MHz	0.24	47.94
2490MHz	0.66	53.55
2500MHz	0.74	53.08