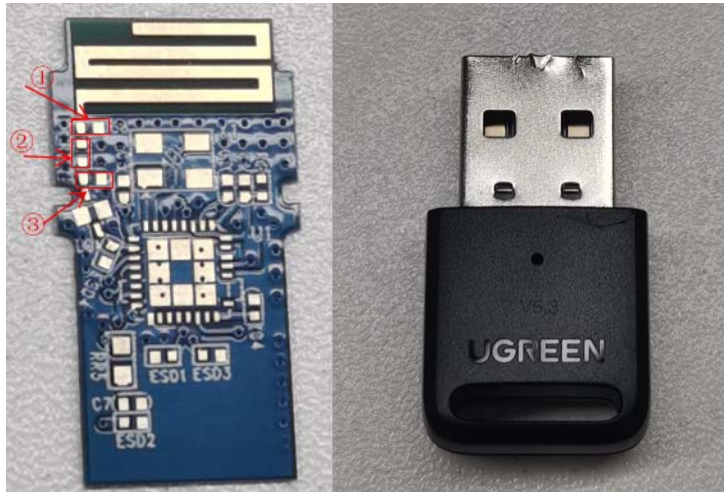


Antenna Specification

ITEM	SPEC.
Model Name	BT/2.4G
Polarization	Horizontal
Gain	1.41dBi
Impedance	50 Ω
Weight	/
Product description	PCB antenna
Antenna Length	11*5mm
Manufacturer	Ugreen Group Limited
Address	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

Product picture

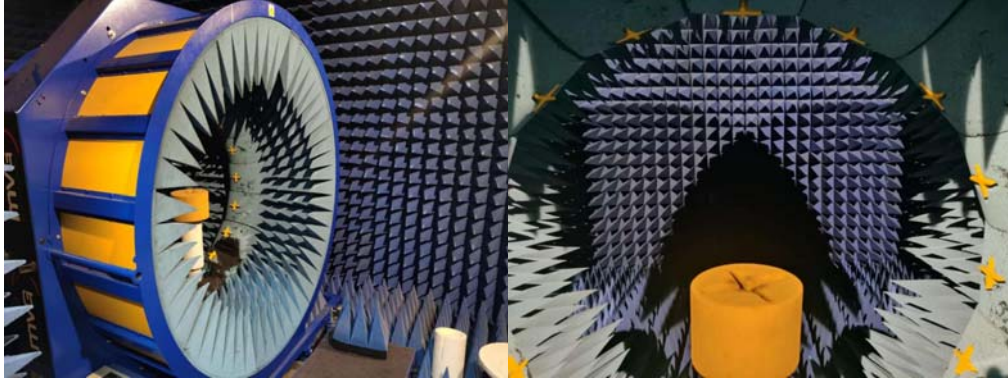


Matching parameters

位号	①	②	③
parameter	NC	2.2pF	2.7nH

testing environment

Satimo



CMW-500



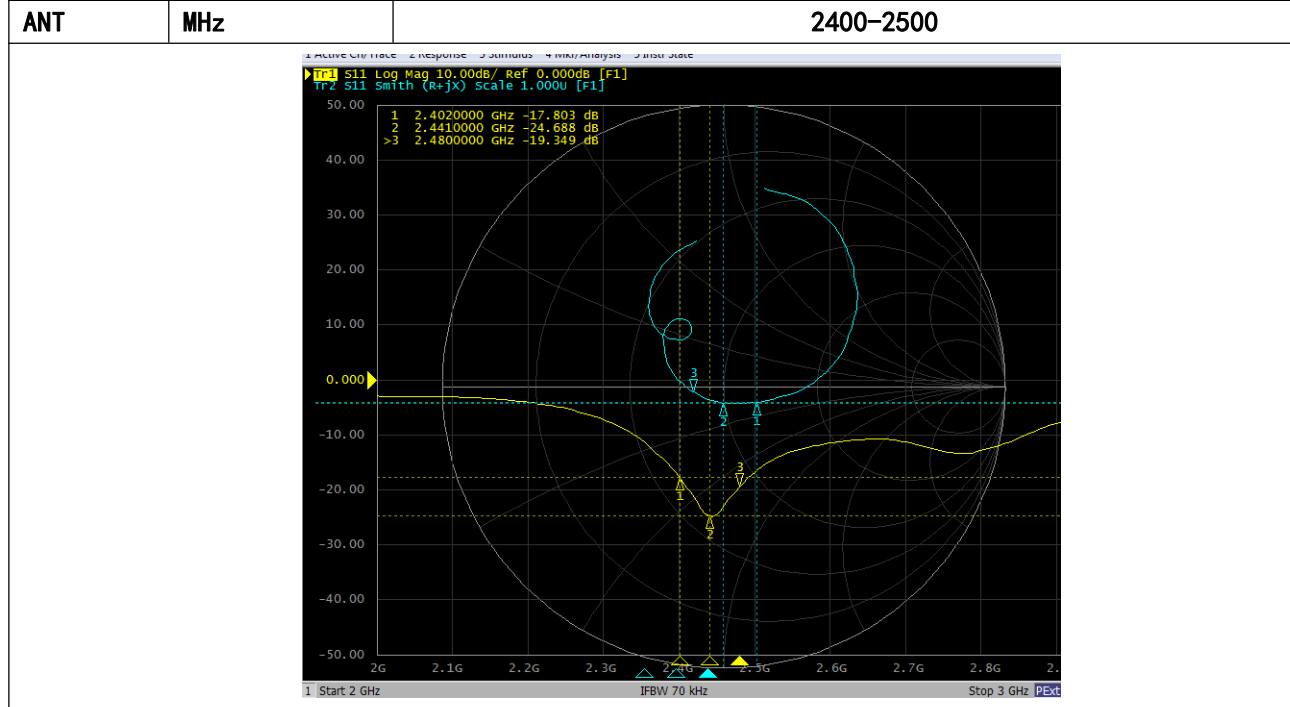
Agilent



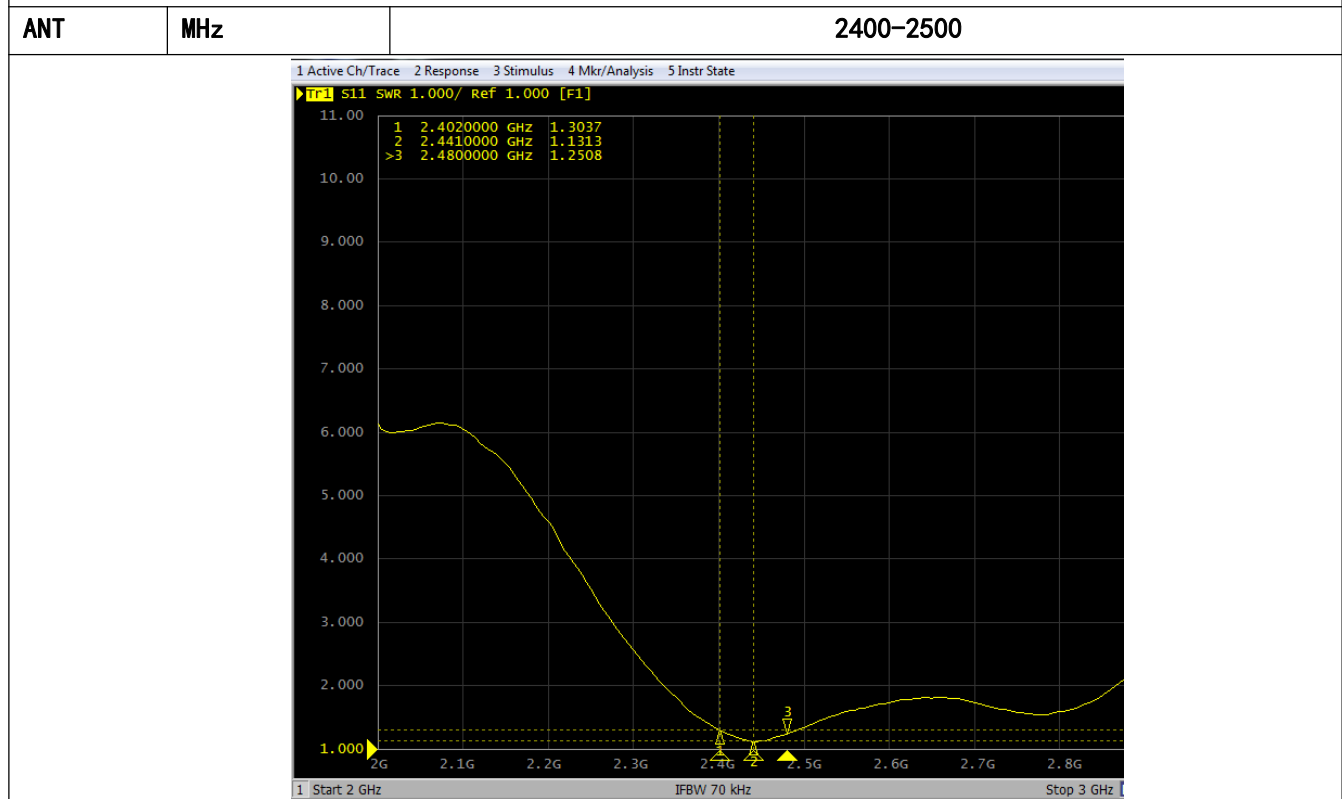
Electrical performance test results

ANT						
NUM	Inspection items	unit	Performance index requirements	Inspection results		determine
1	Frequency range	MHz	2400-2500	2400-2500		OK
2	Gain	dBi	/	2400	0.75	
				2440	1.23	
				2480	1.41	
4	Return loss	dB	≤ -6	2402	-17.8	
				2441	-24.6	
				2483	-19.3	
4	Standing wave ratio	dB	/	2402	1.30	
				2441	1.13	
				2483	1.25	

Return loss Log Mag S11



Standing wave ratio SWR

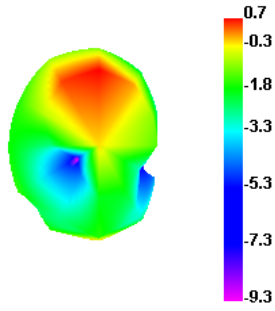


Radiation parameters

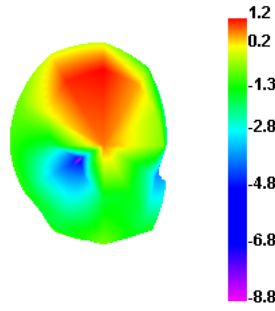
ANT

Radiation pattern (2.4G)

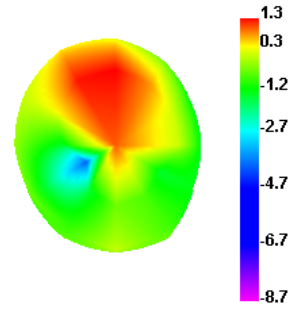
2400.000MHz



2440.000MHz

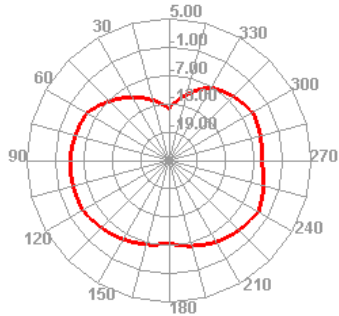


2480.000MHz

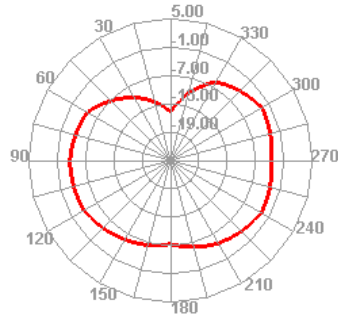


水平面

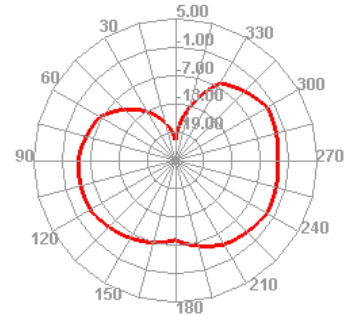
2400.000MHz H



2440.000MHz H

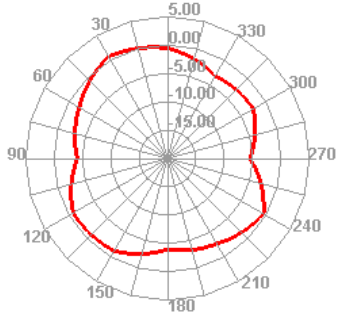


2480.000MHz H

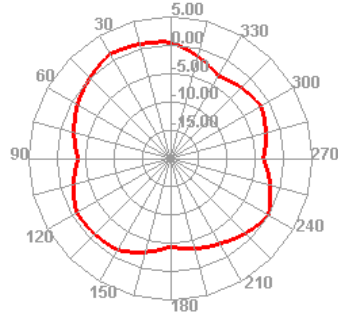


垂直面

2400.000MHz E2



2440.000MHz E2



2480.000MHz E2

