

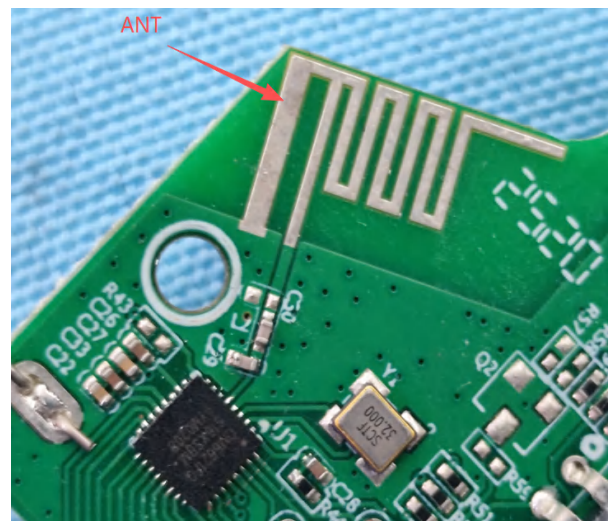
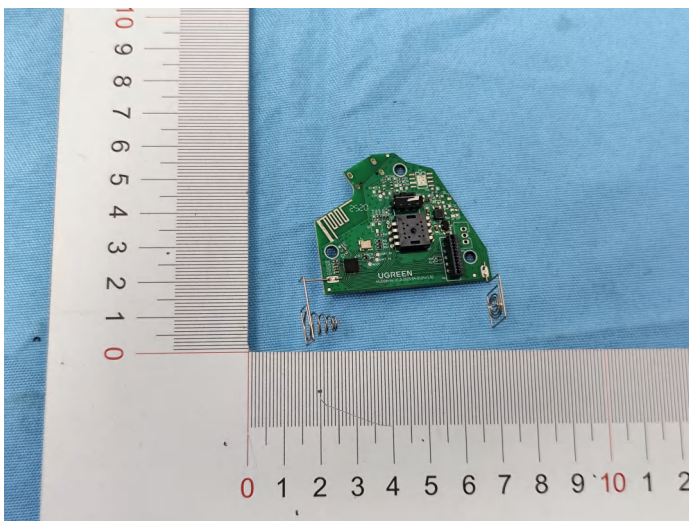
ANTENNA TEST REPORT

Product Name	Mu008mini
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Summary

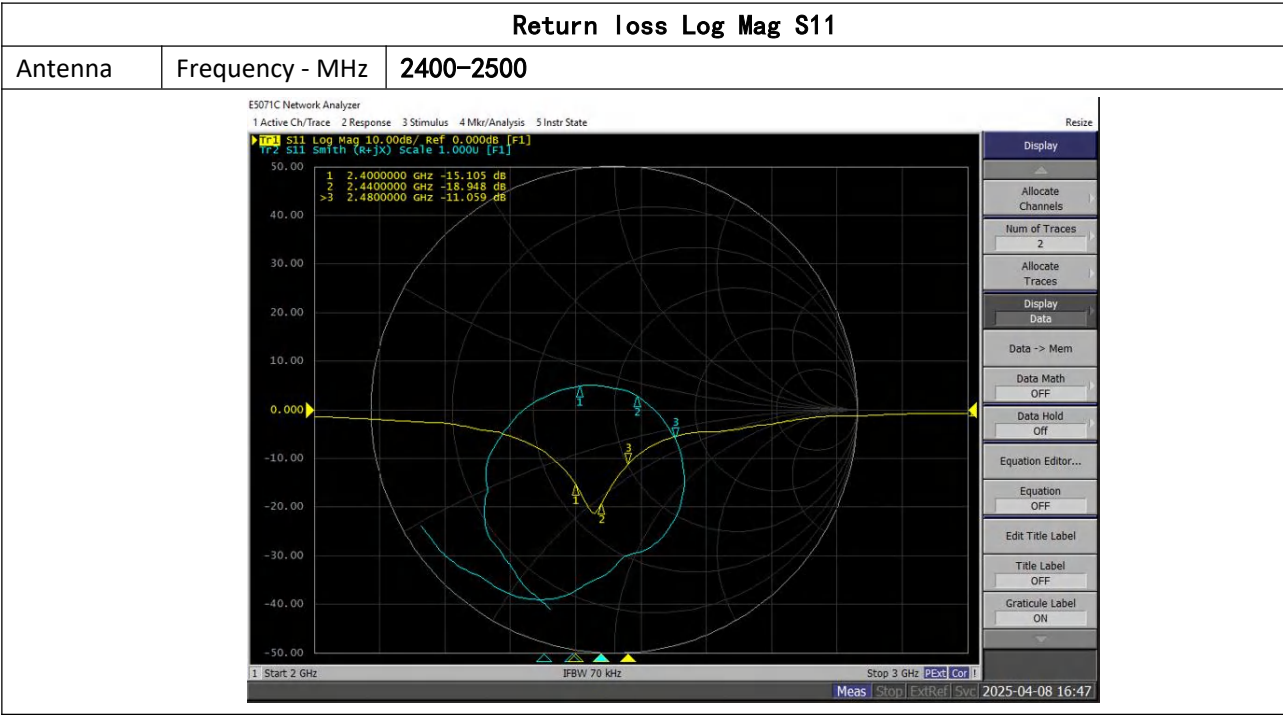
ITEM	SPEC.
Model Name	2.4 GHz
MAX. GAIN	0.06dBi
Polarization	Horizontal
Impedance	50 Ω
Antenna Type	PCB Antenna
Manufacturer	Ugreen Group Limited
Address	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

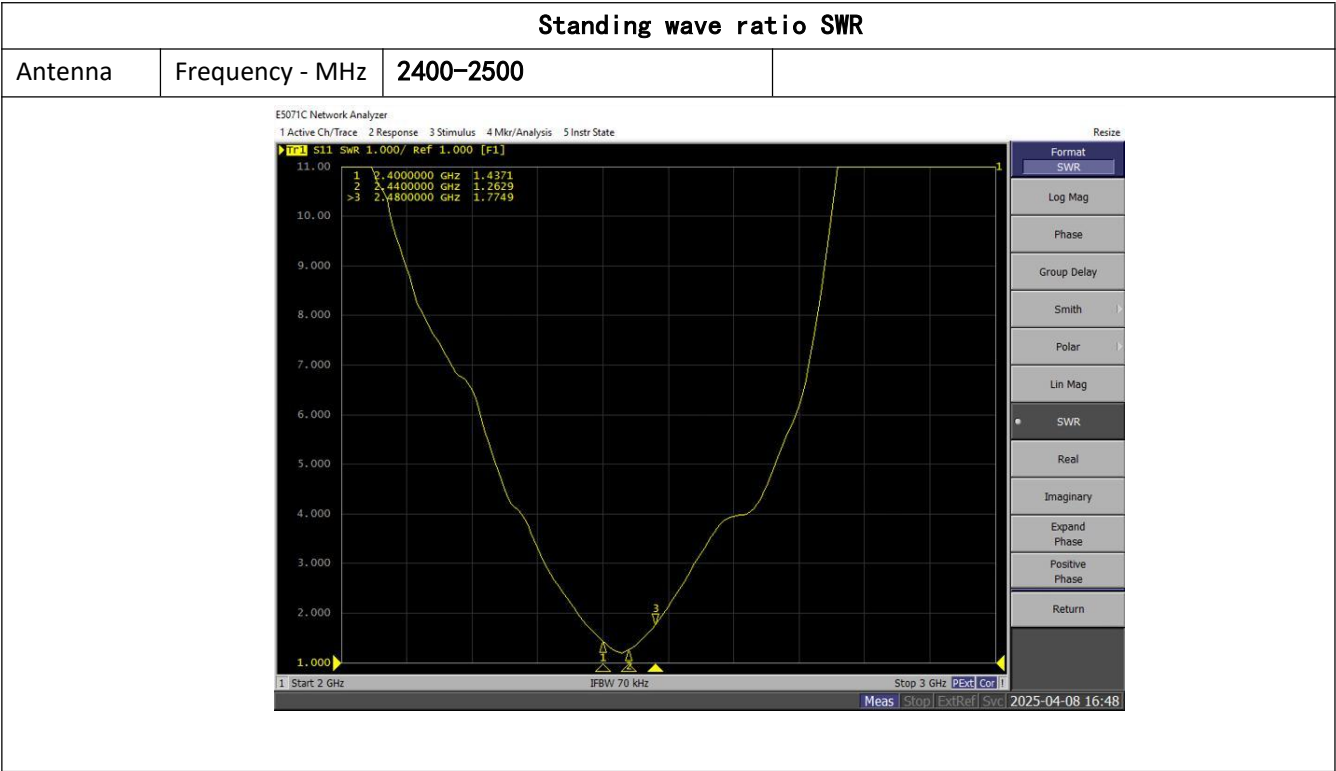
Antenna Photo & Length (mm)



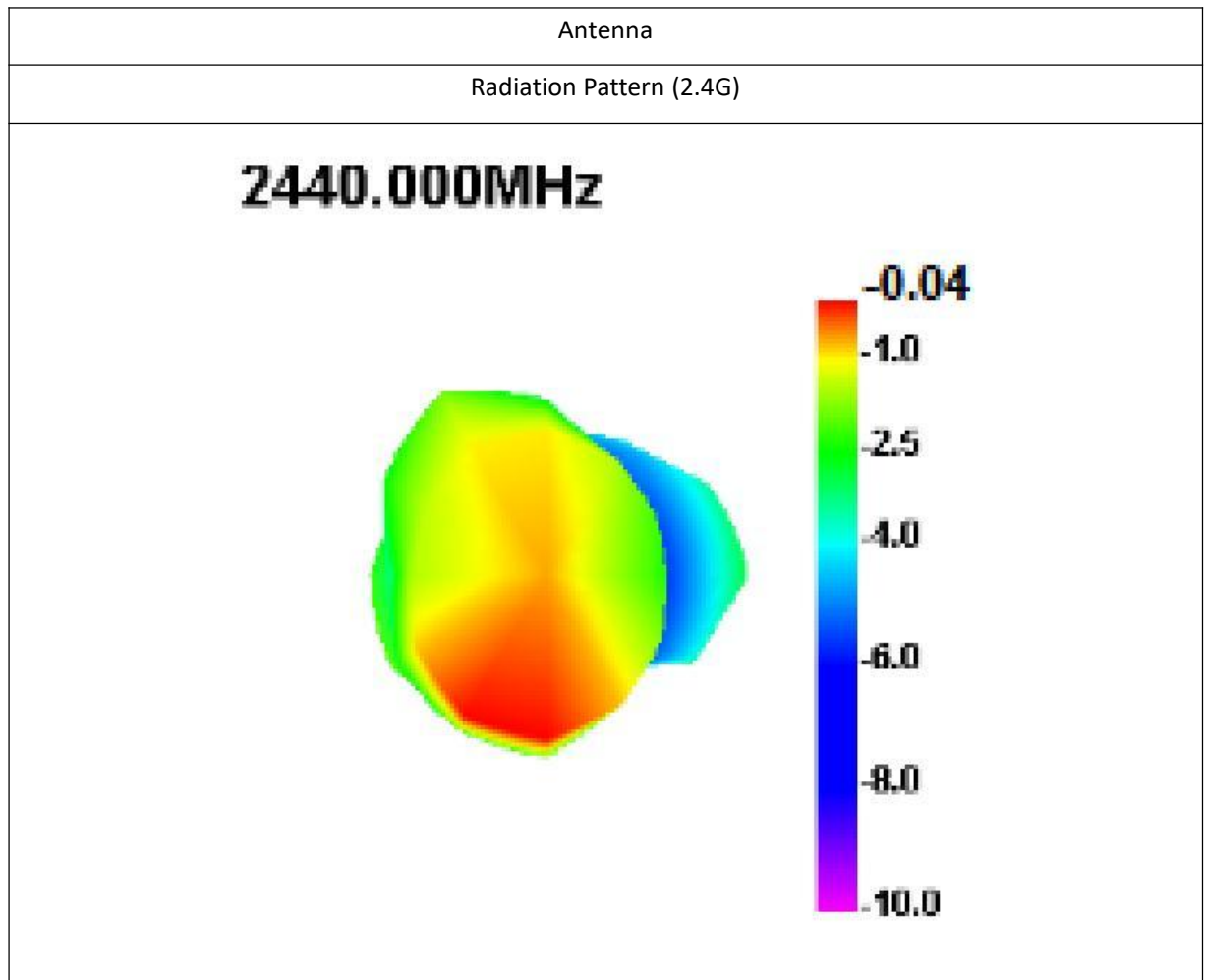
Electrical performance test results

Antenna specifications						
Serial Number	Test Item	Unit	Performance Requirements	Test Results		Decision
1	Frequency range	MHz	2400-2500	2400-2500		OK
4	Return loss	dB	≤ -10	2400	-15.1	
				2440	-18.9	
				2500	-11.0	
4	Standing wave ratio	dB	/	2400	1.43	
				2440	1.26	
				2500	1.77	





Radiation parameter testing



Antenna passive efficiency		
Frequency	Gain(dBi)	Efficiency(%)
2400MHz	-0.33	45.92
2410MHz	-0.4	45.01
2420MHz	-0.14	45.81
2430MHz	-0.15	43.81
2440MHz	-0.04	43.64
2450MHz	0.06	43.81
2460MHz	0	43.44
2470MHz	-0.12	43.17
2480MHz	-0.4	42.33
2490MHz	-0.3	44.7
2500MHz	-0.56	45.15