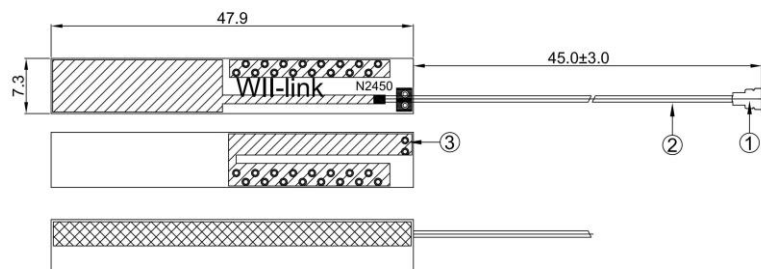


Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	0.3dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1代IPEX
Cable Type	O.D.1.13mm
Cable Length	45mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5 / <70%

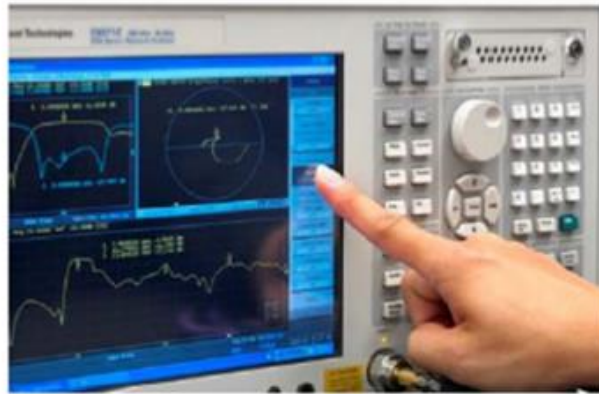
ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD.

Room 204, Building 2, No. 690 Bibo Road, China (Shanghai) Pilot
Free Trade Zone

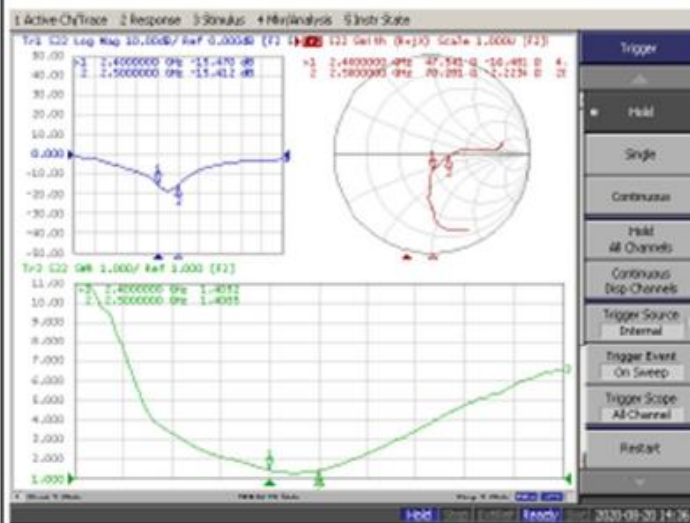


Antenna Performance Test

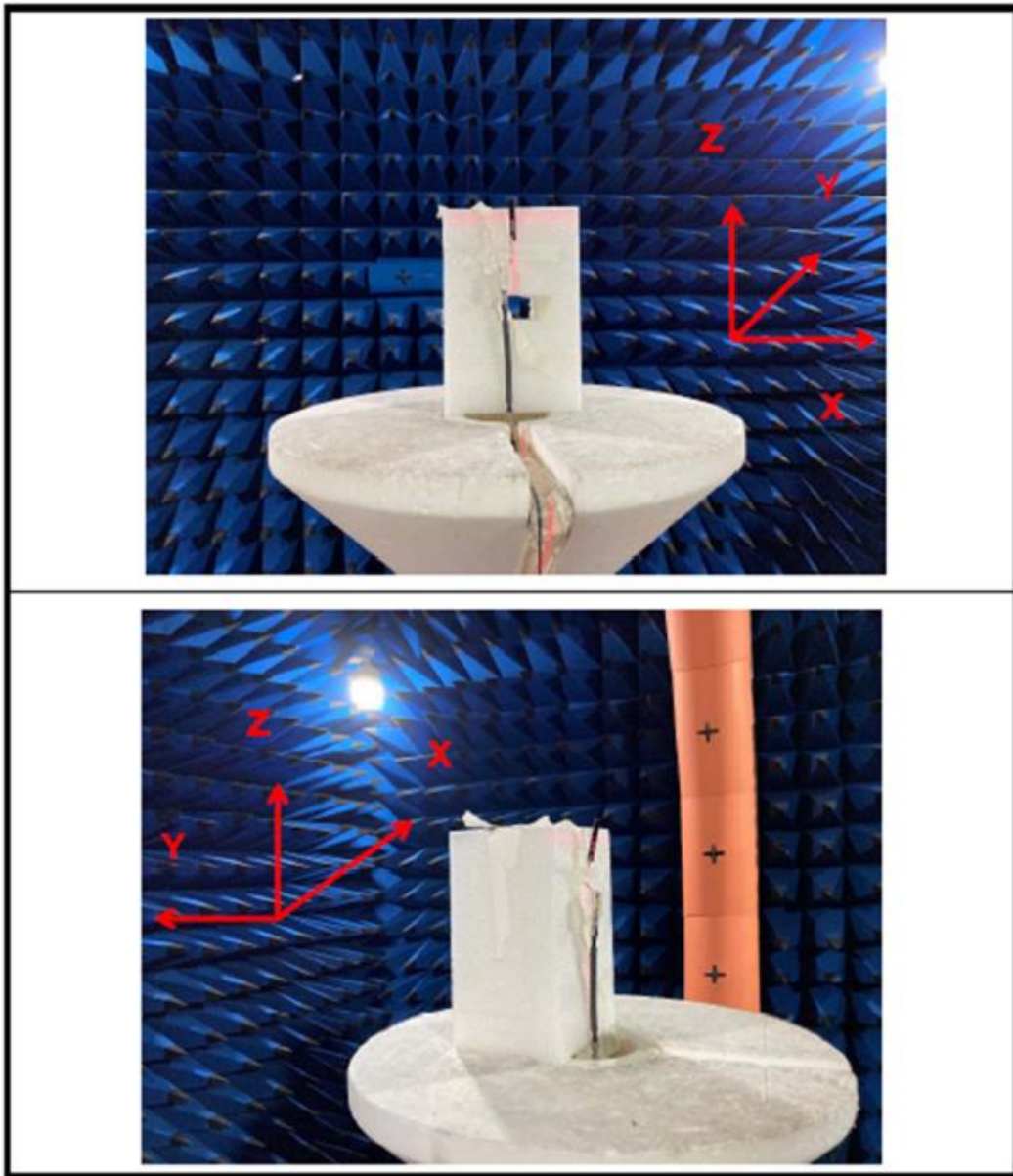
*Agilent
E5071B*



*S
Parameter
Test //
WIFI
Antenna*



Antenna Passive Test



Passive Test For WiFi Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	45.1	-3.5	0.2
2410	45.5	-3.4	0.3
2420	46.8	-3.3	0.1
2430	47.2	-3.3	0.0
2440	44.7	-3.5	-0.3
2450	46.2	-3.4	-0.1
2460	48.2	-3.2	-0.1
2470	48.9	-3.1	0.3
2480	47.1	-3.3	0.3
2490	47.5	-3.2	0.3
2500	46.9	-3.3	0.3

Radiation Pattern For WIFI Antenna(2450MHz)

