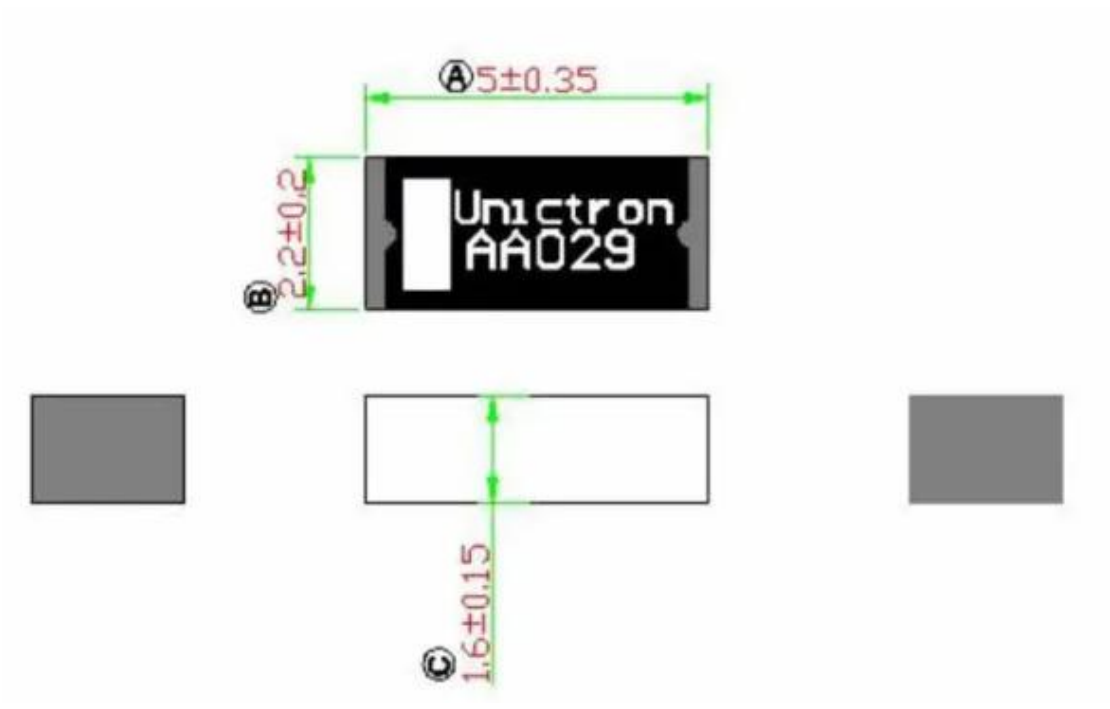


Antenna Specification

1. Antenna describe:

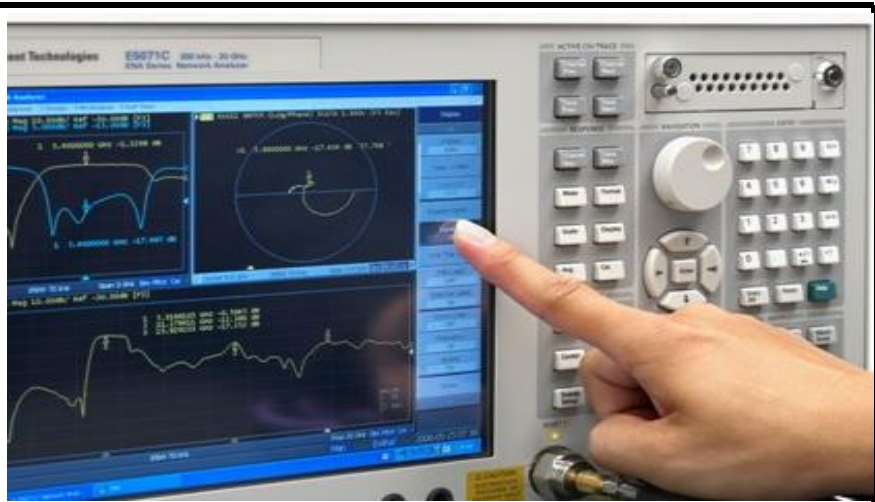
Antenna gain	3.5 dBi
Bluetooth solution	SM02B
Frequency range	2.402GHZ-2.480GHZ
Connector type	Direct
Model Name	AA029 ANT
Impedance	50 Ohm
Antenna type	Ceramic ANT
Manufacture	Unictron Technology Corp No. 83, Kewang Rd., Longtan Dist., Taoyuan City 325, Taiwan

PCB Antenna size:

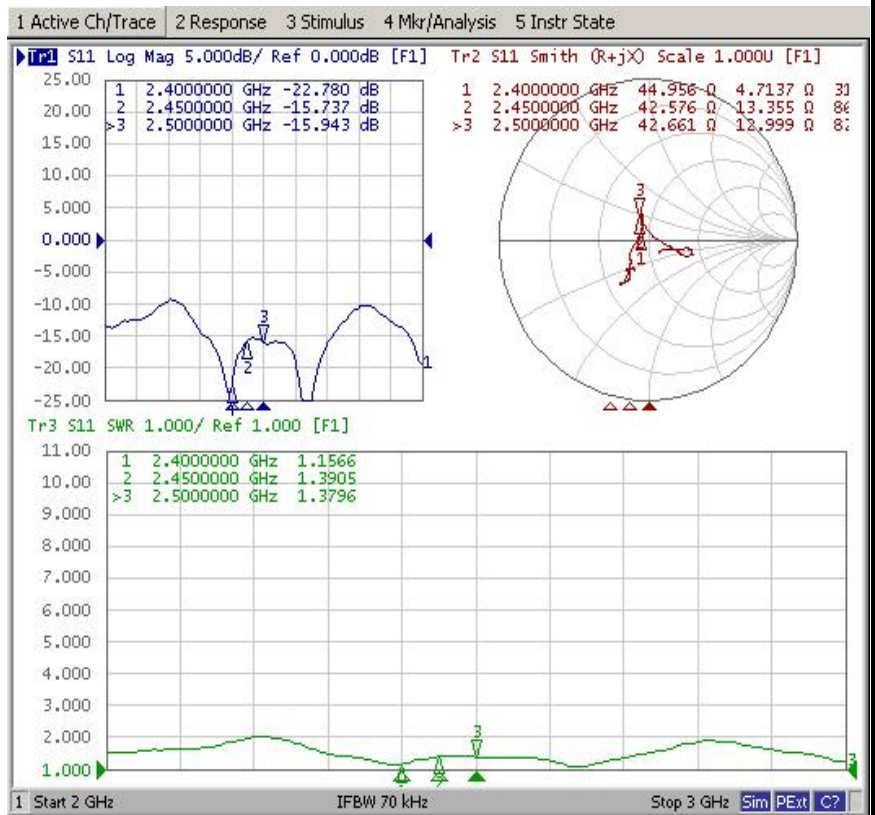


2. Antenna Performance Test

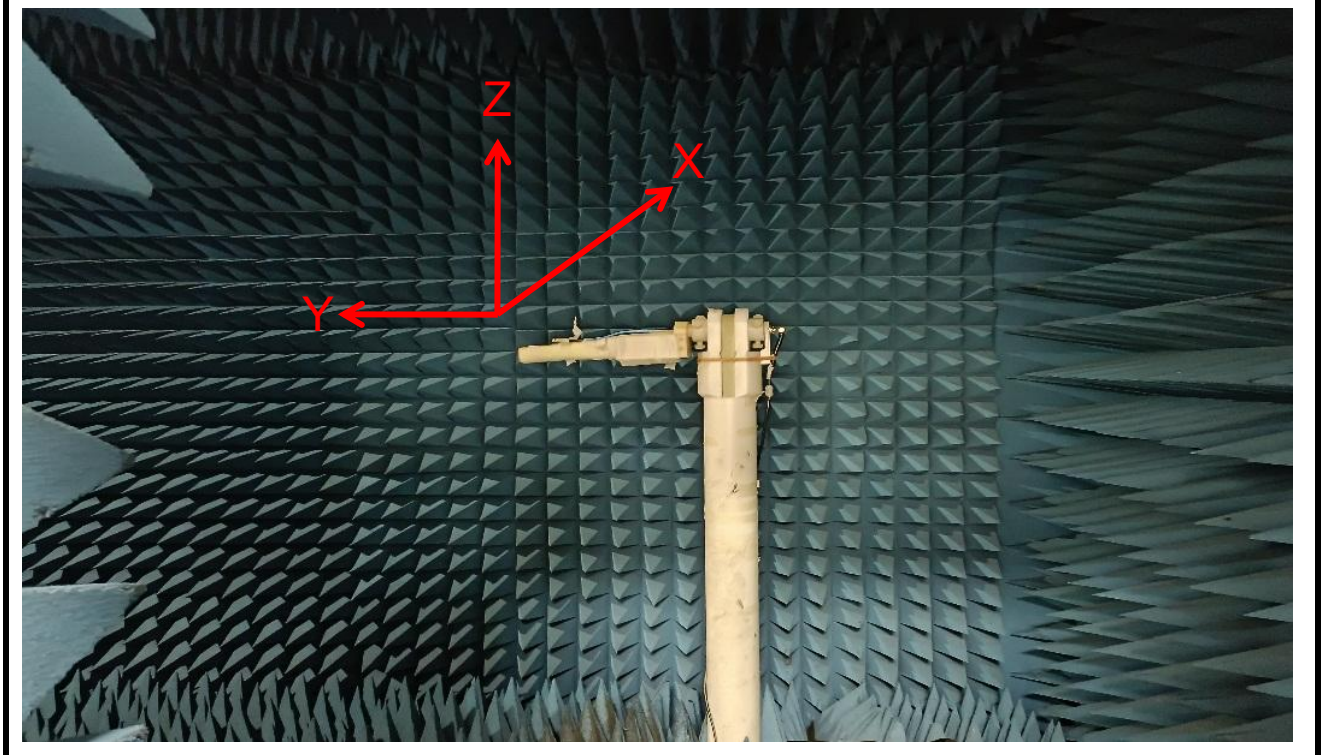
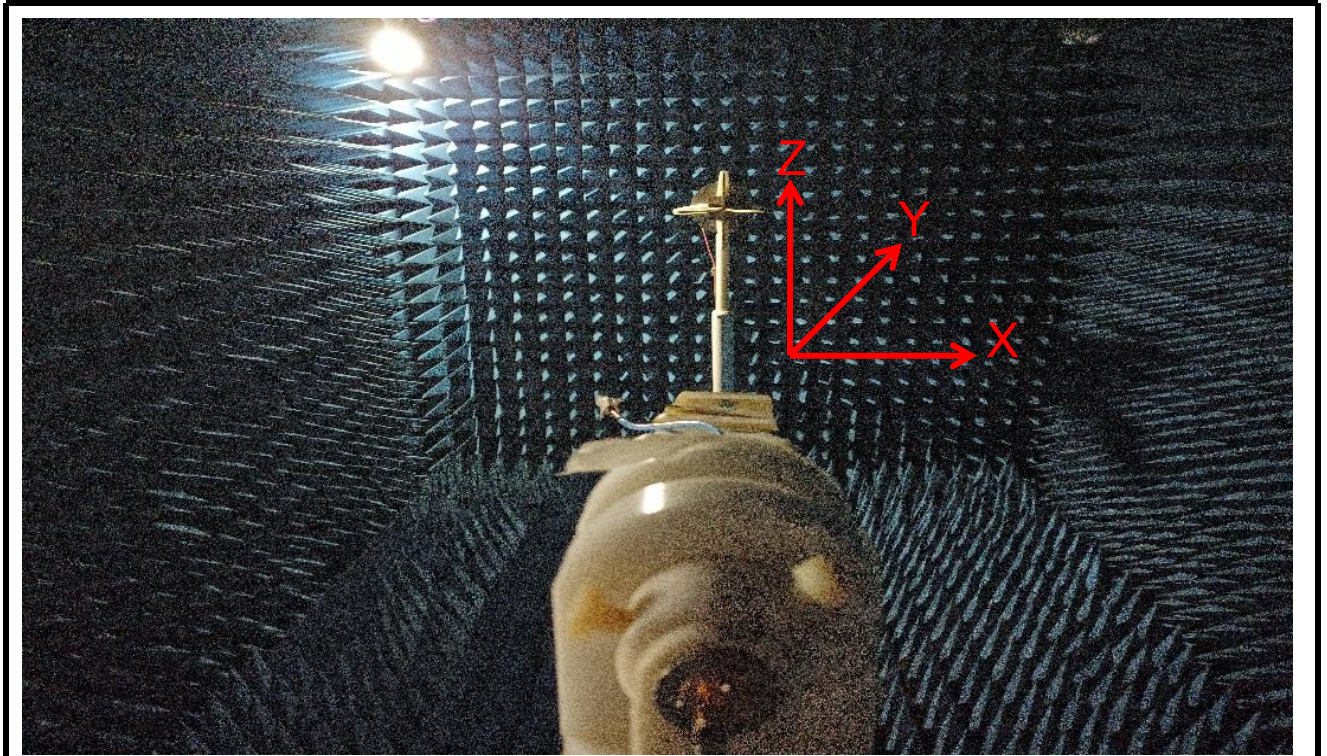
Agilent
E5071B



S
Parameter
Test //
WiFi
Antenna



3. Antenna Passive Test

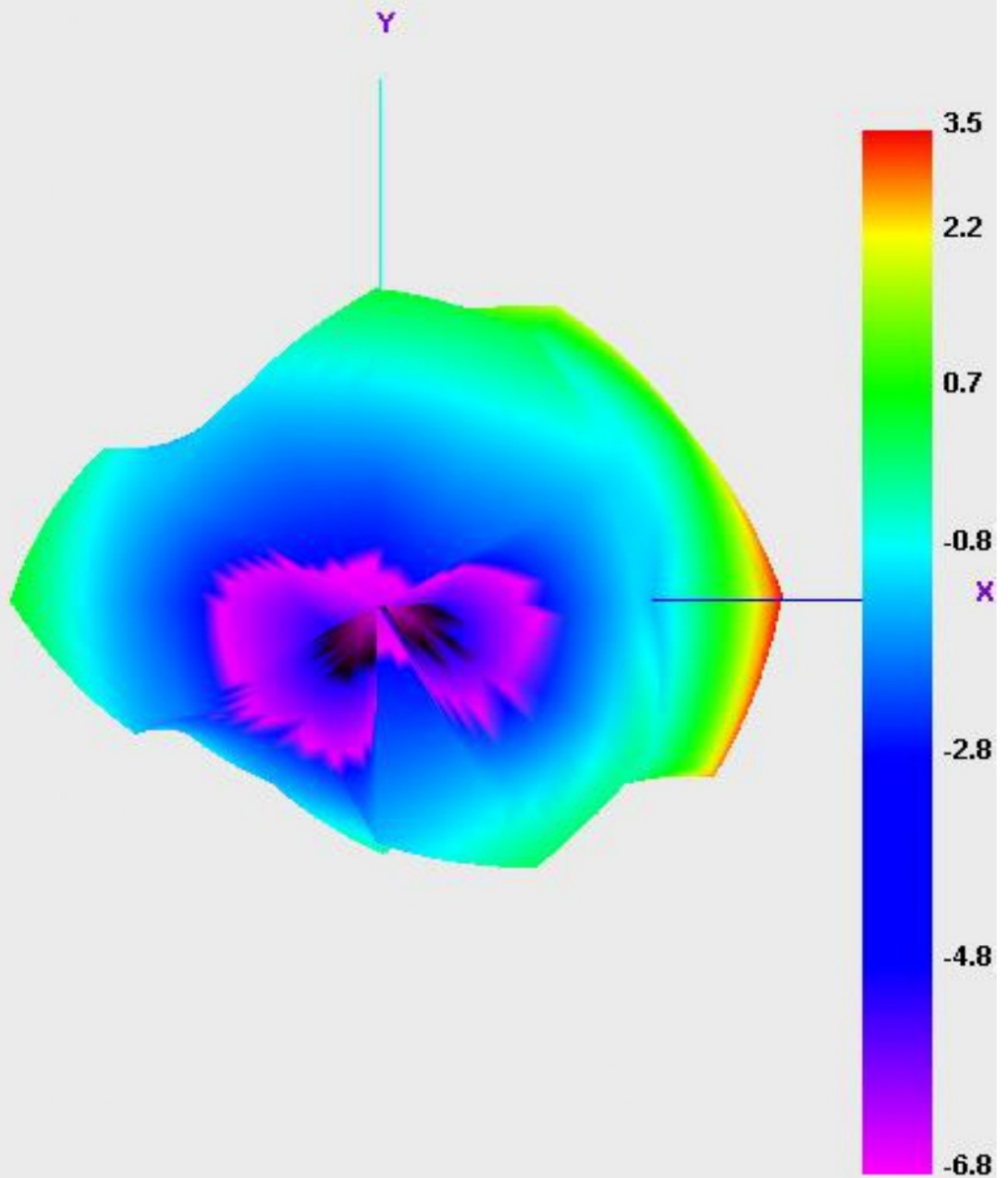


Passive Test For WiFi Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	52.0	-2.8	3.5
2410	50.7	-3.0	3.3
2420	49.0	-3.1	3.2
2430	46.6	-3.3	2.9
2440	44.7	-3.5	2.7
2450	46.8	-3.3	2.8
2460	47.2	-3.3	2.8
2470	49.3	-3.1	3.0
2480	48.9	-3.1	2.8
2490	49.8	-3.0	2.7
2500	53.0	-2.8	2.9

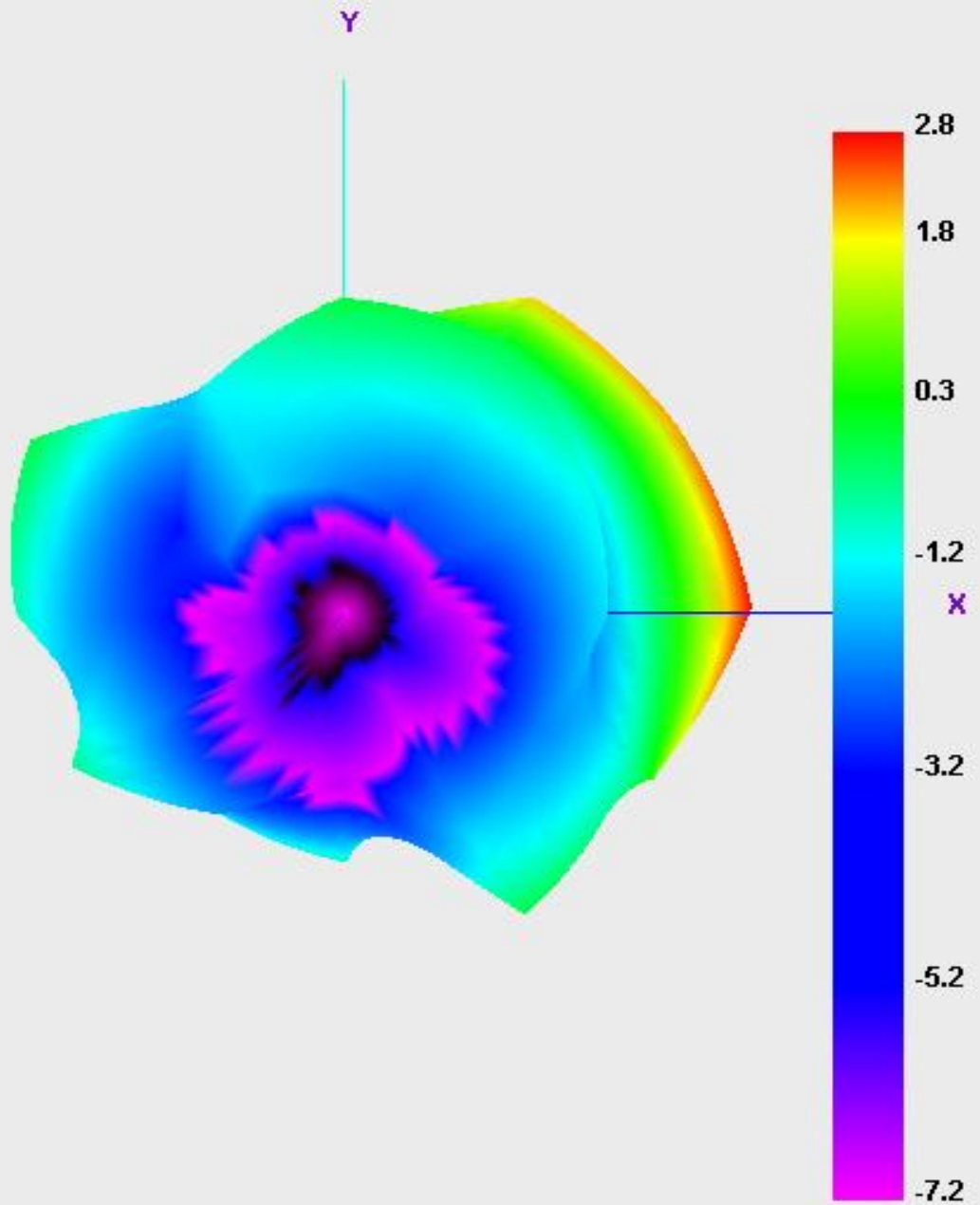
Radiation Pattern For WiFi Antenna

2400.000MHz



Radiation Pattern For WiFi Antenna

2450.000MHz



Radiation Pattern For WiFi Antenna

2500.000MHz

