



Antenna Specification

Electrical Properties

Frequency	2400~2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 1.4
Return Loss	≤ -18
Radiation	Omni-directional
Gain (Peak)	$\leq 4.0\text{dBi(MAX)}$
Polarization	Linear
Connector	1Generation I-PEX

Physical Properties

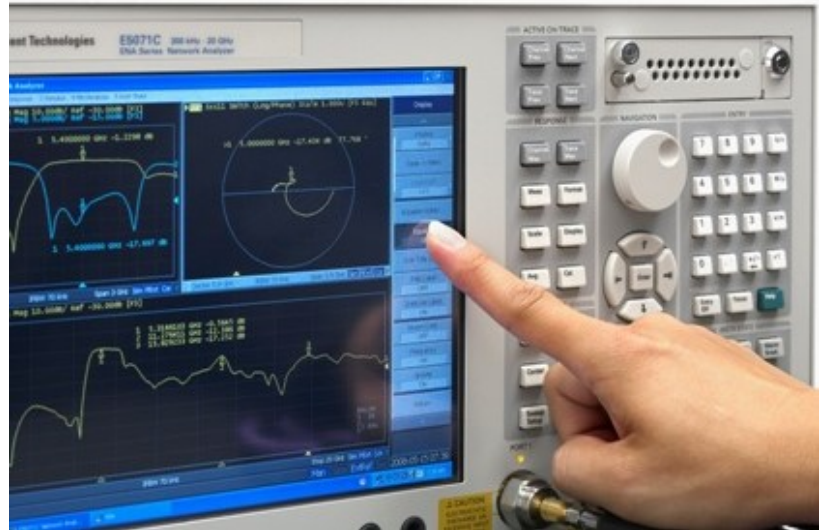
Antenna Material	FPC
Cable Type	O.D.0.81//L=42mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray



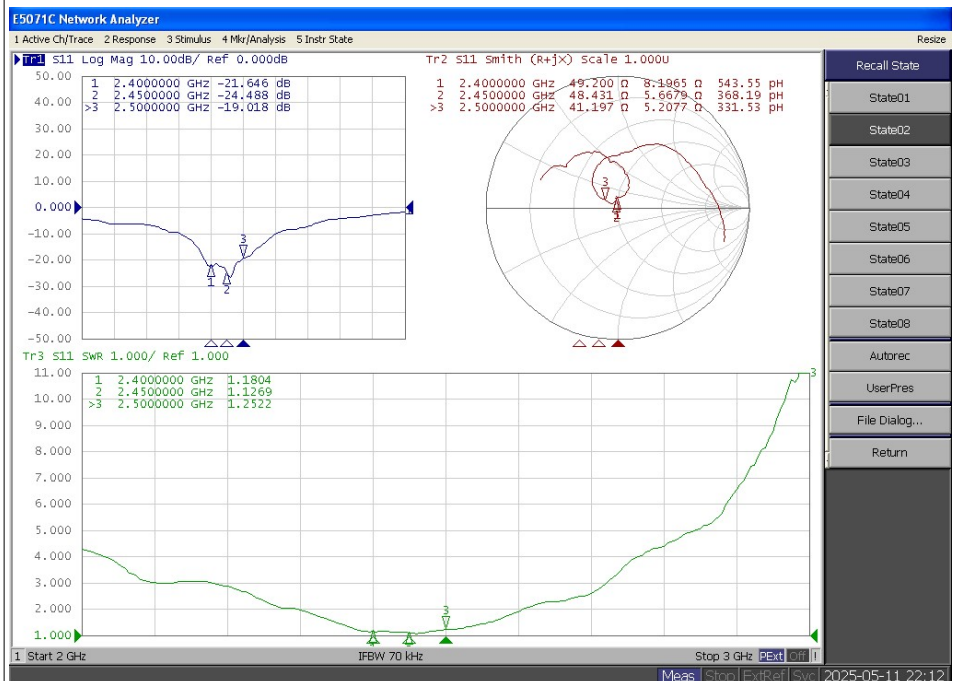
Model : WE007N.F0195.V01
Manufacturer : World Easy Electronics Co.,
Ltd.

Antenna Performance Test

*Agilent
E5071C*

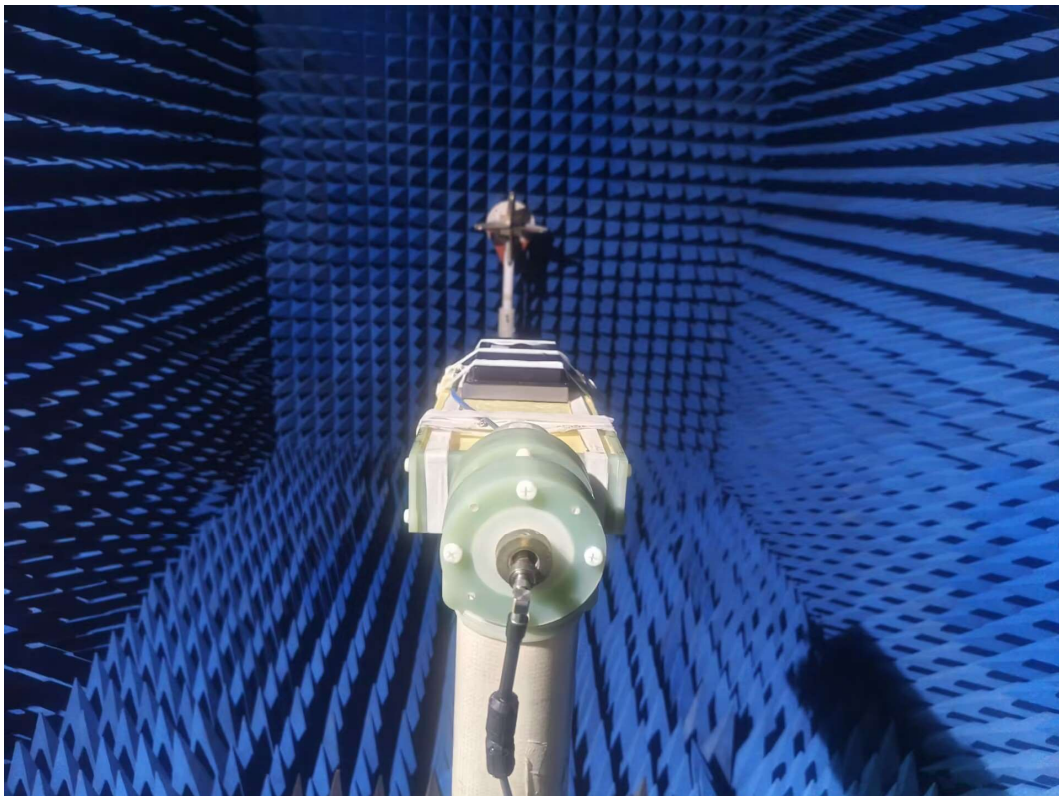
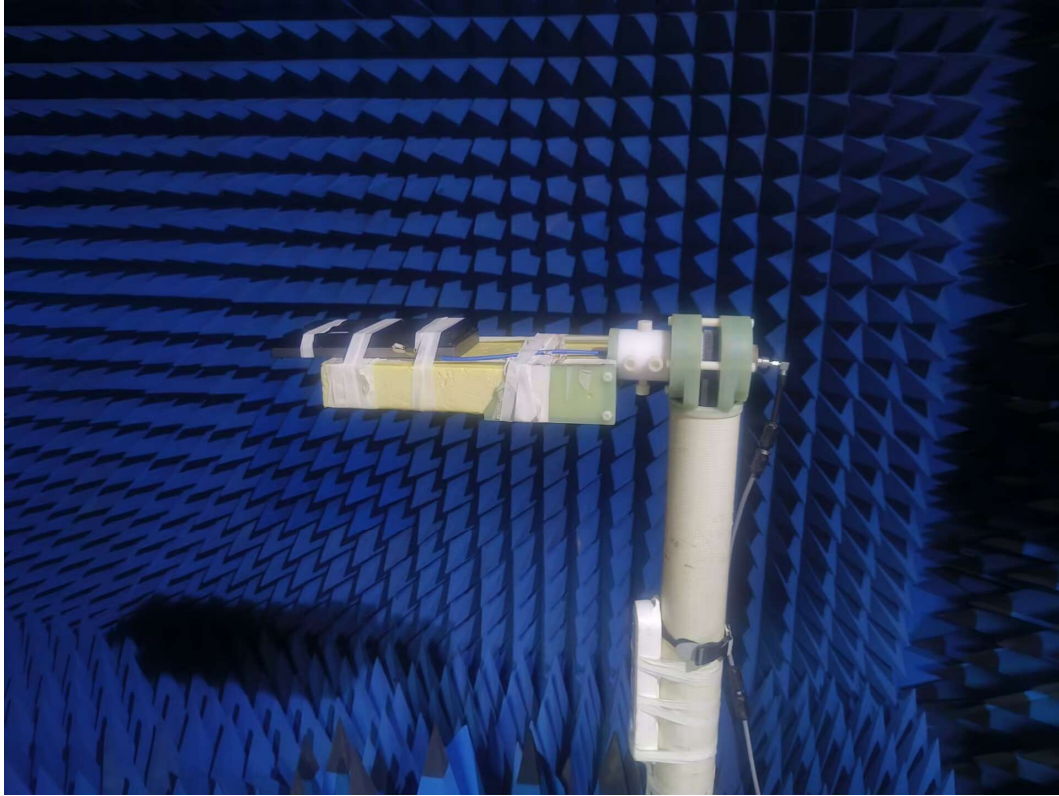


*S
Parameter
Test //
BT*





Antenna Passive Test



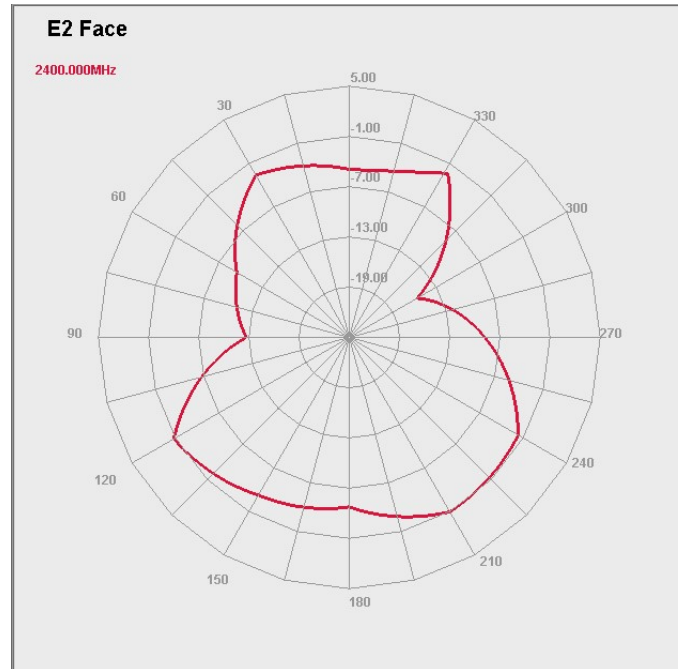
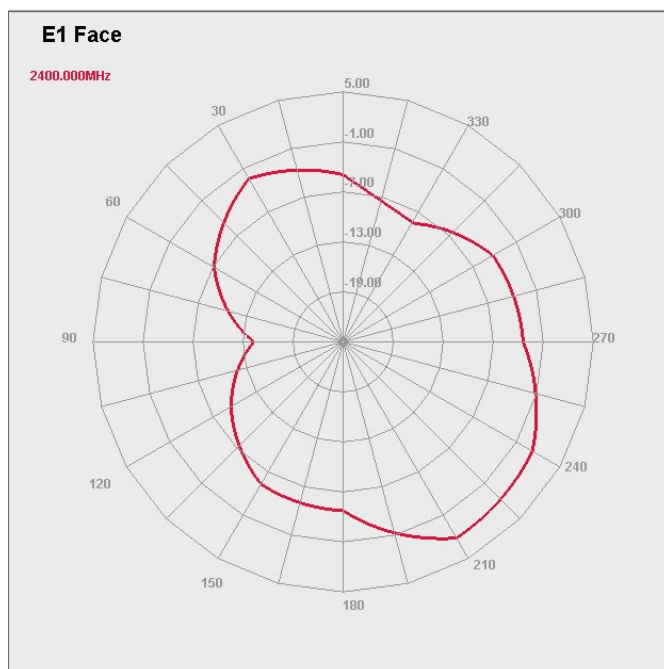
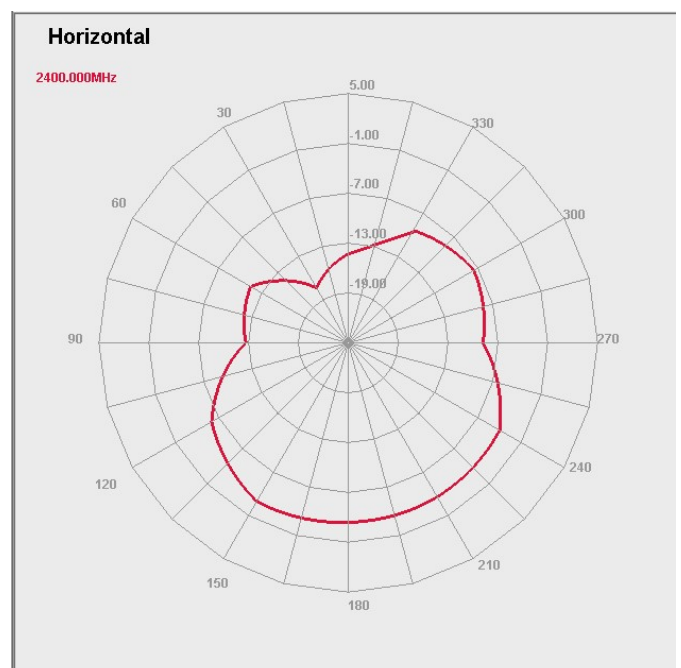
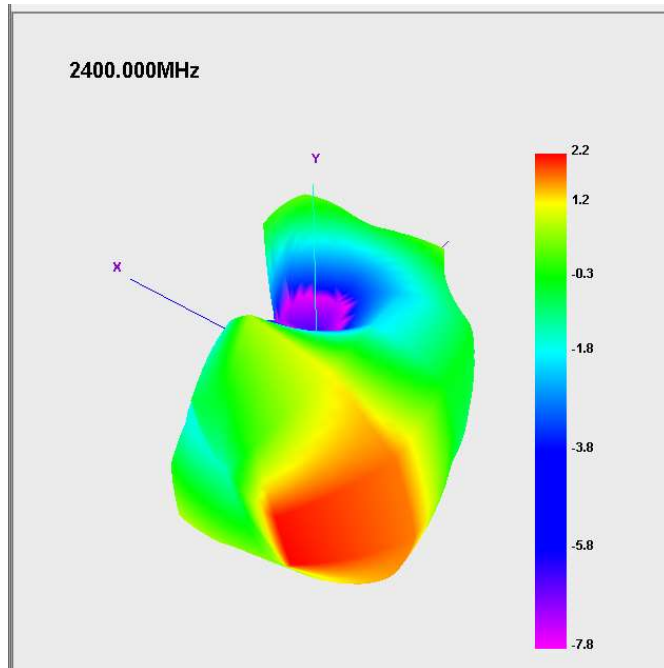


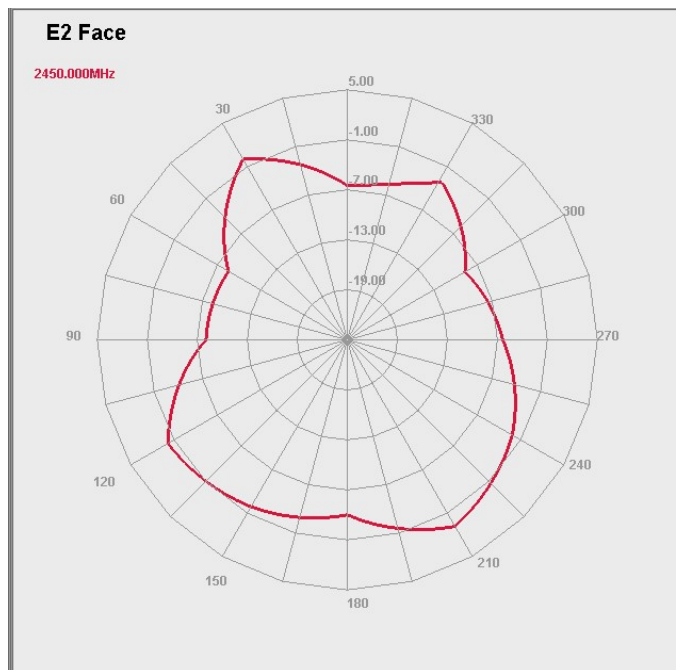
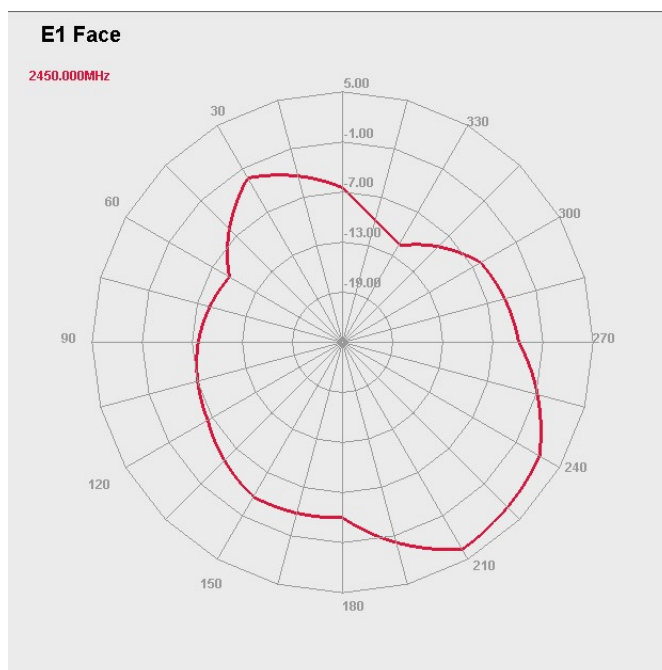
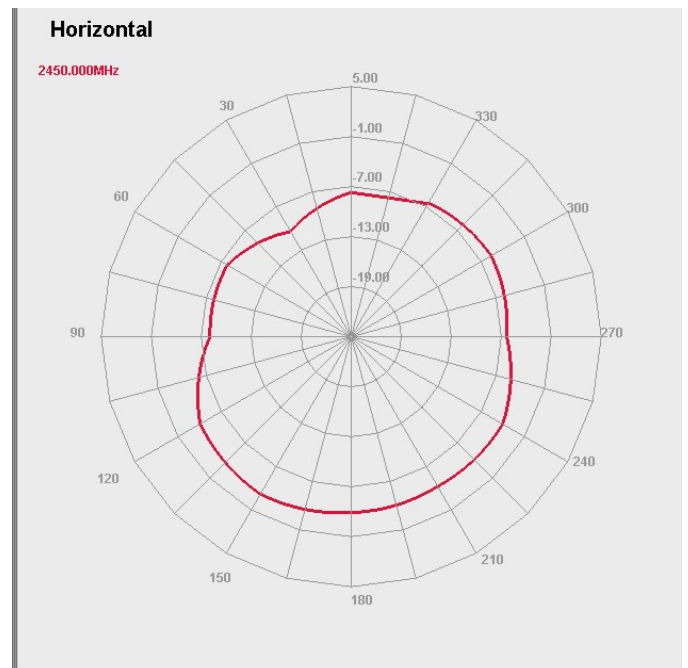
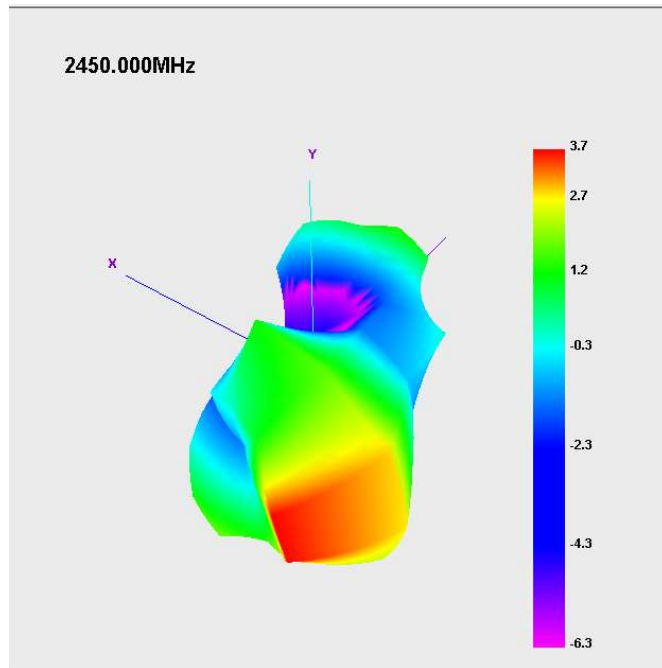
Passive Test For BT

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	46.4	-3.3	2.2
2410	56.9	-2.5	3.2
2420	51.4	-2.9	2.9
2430	54.1	-2.7	3.4
2440	50.1	-3.0	3.3
2450	54.7	-2.6	3.7
2460	54.3	-2.7	3.6
2470	53.8	-2.7	3.8
2480	53.8	-2.7	3.7
2490	53.5	-2.7	3.7
2500	53.7	-2.7	4.0



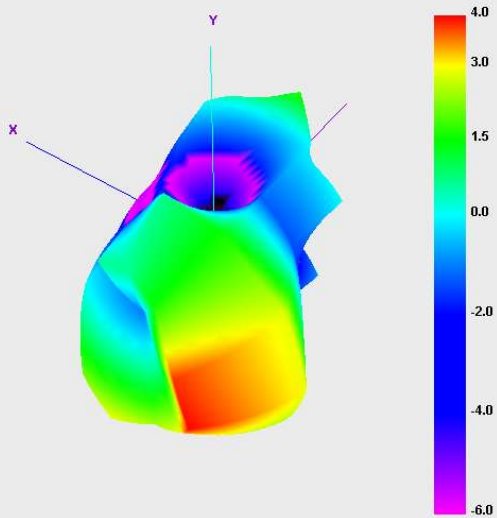
Antenna Radiation Pattern





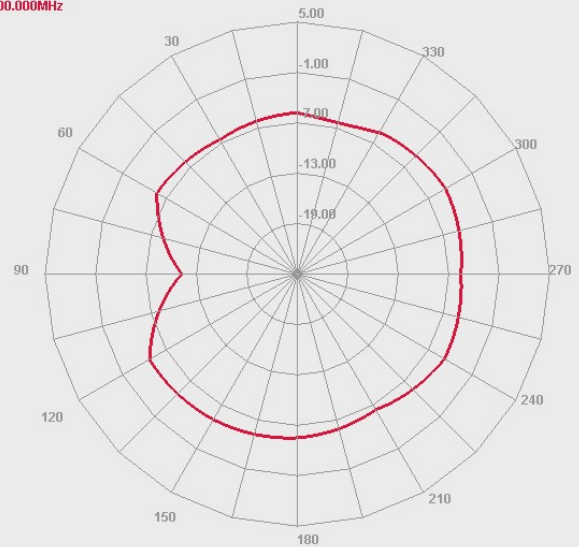


2500.000MHz



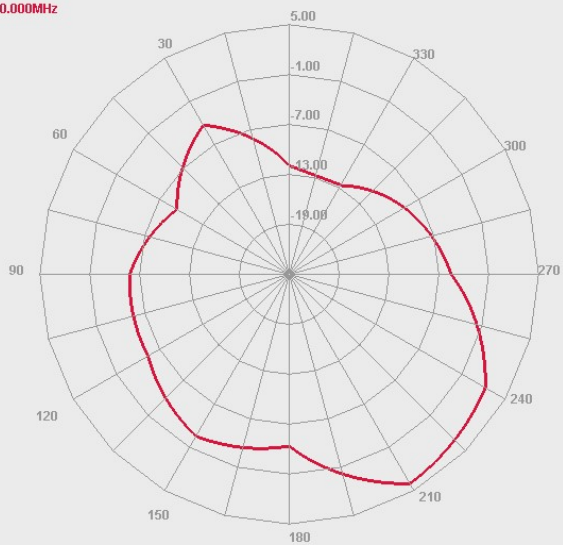
Horizontal

2500.000MHz



E1 Face

2500.000MHz



E2 Face

2500.000MHz

