

SPECIFICATION FOR APPROVAL

CUS PART NO: PCB Antenna

PART NAME: PCB Antenna

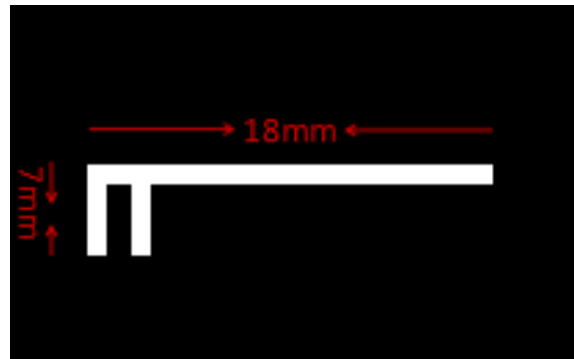
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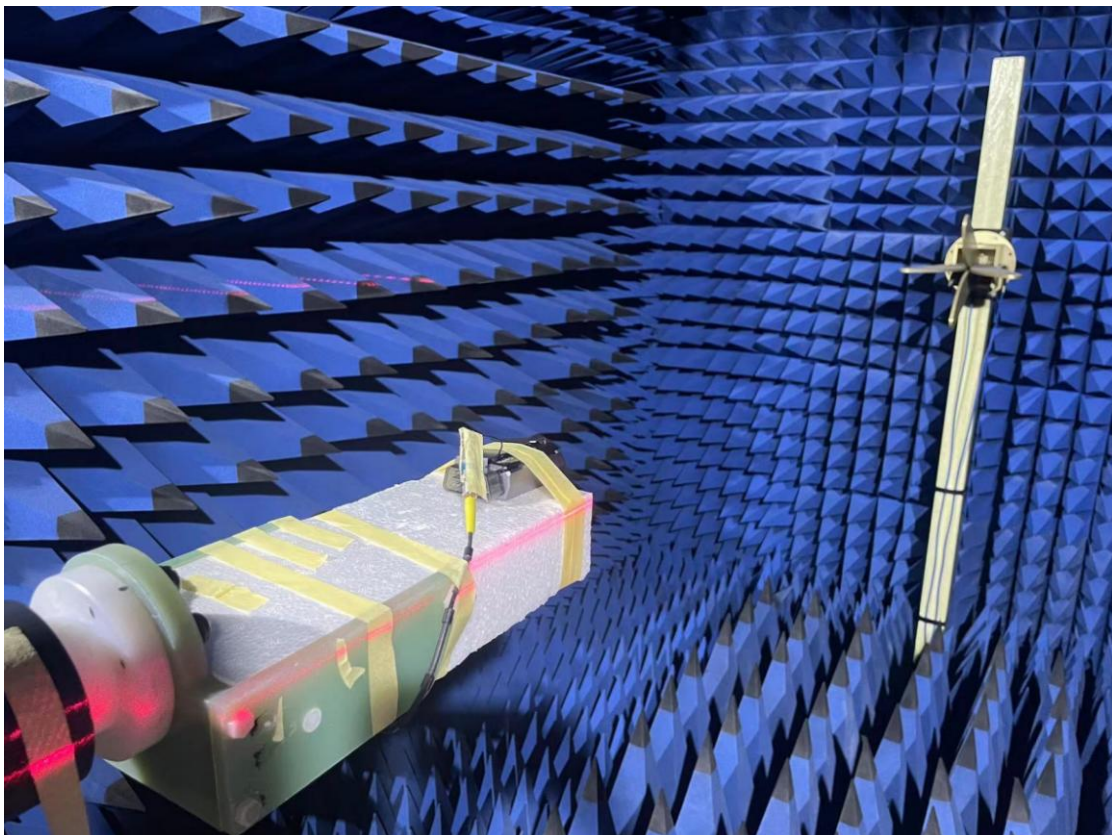
1. Performance parameter

Name	PCB Antenna
Model Type	PCB Antenna
Frenquency Range	2400-2500 MHz
SIZE	/
Impedance	50 Ω
VSWR	< 1.28
Max Gain	-0.76 dBi
Manufacture	TOPDON TECHNOLOGY Co., Ltd.
Address	Unit 2005 20/F,Qianhai Shimao Tower, Qianhai Shenzhen-Hong kong Cooperation Zone Shenzhen China

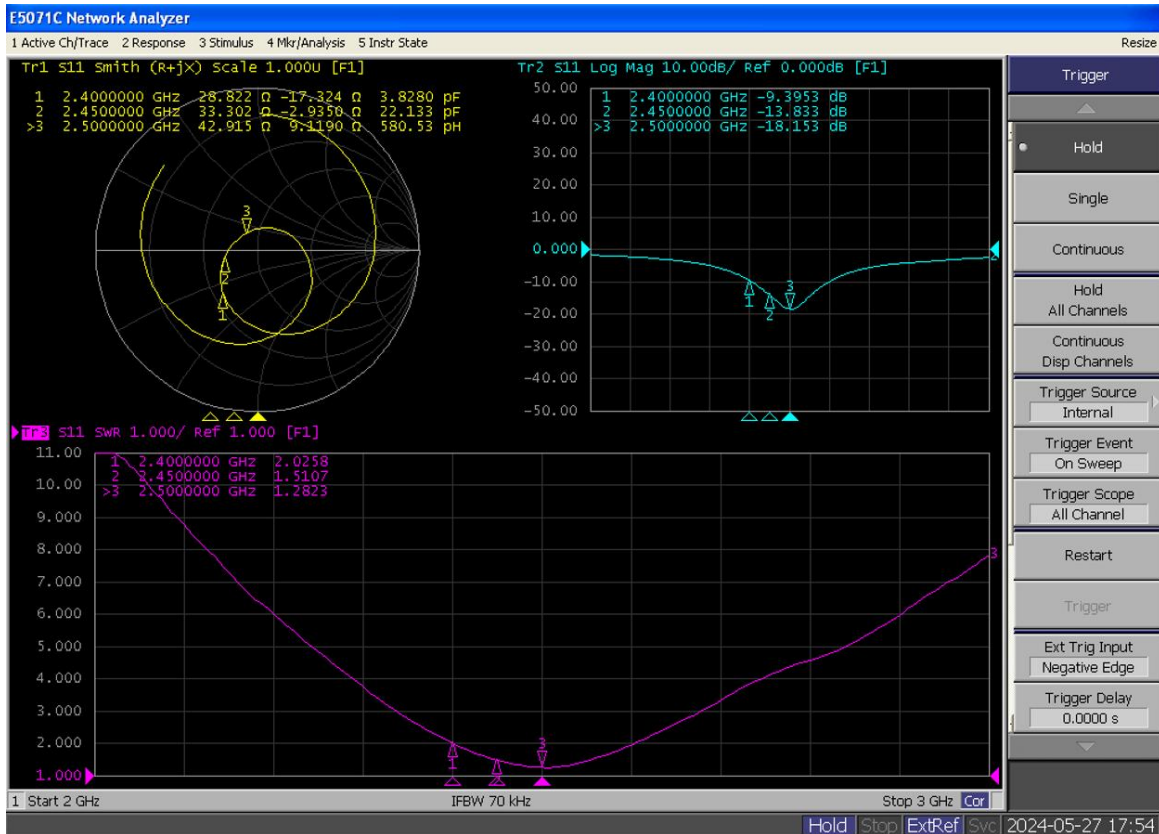
2.Appearance



3.EUT setup photo of free space OTA testing



4.VSWR parameters



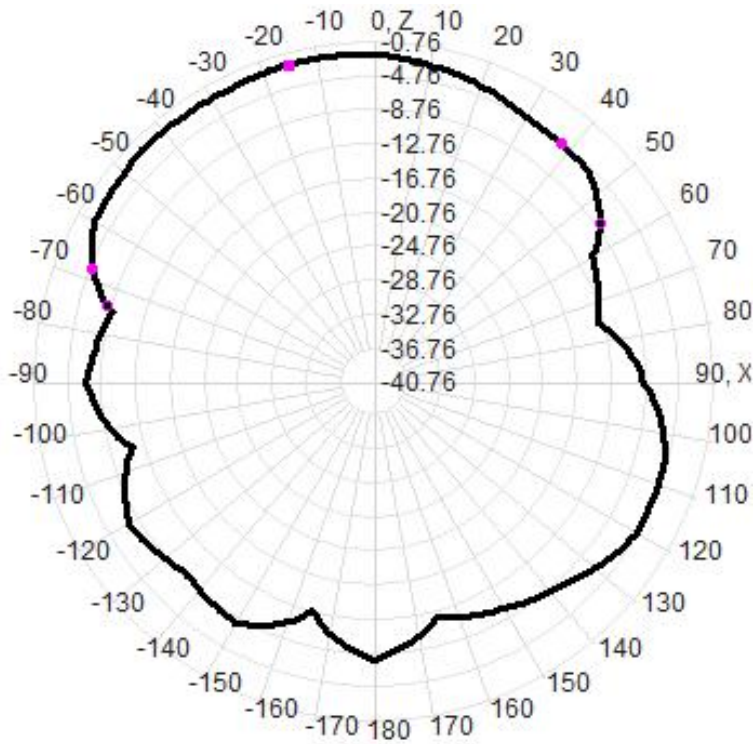
Frequency (MHz)	2400	2450	2500
VSWR	2.03	1.51	1.28

5.Passive test data:

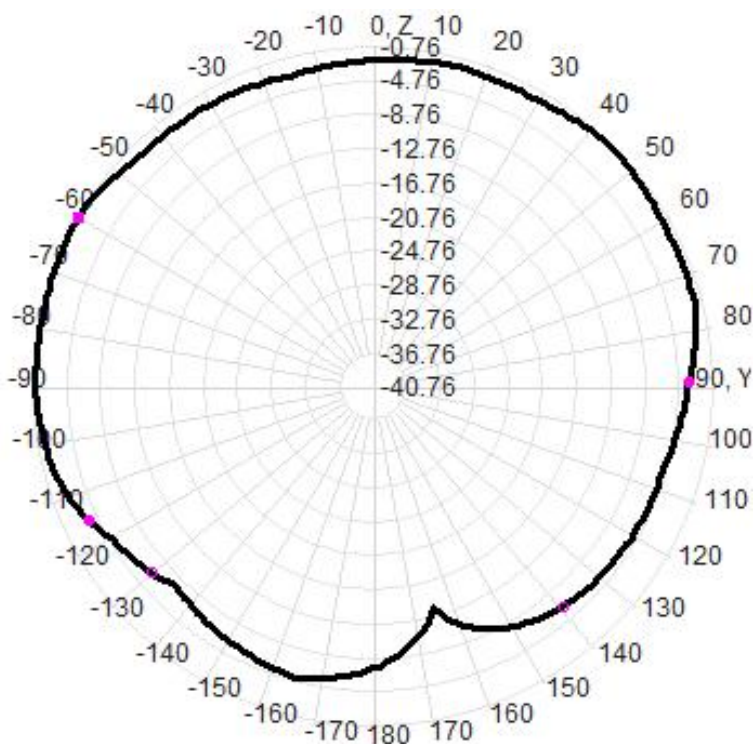
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	-1.32	-1.05	-1.14	-0.95	-0.90	-0.96	-0.87	-0.76	-0.79	-0.78	-0.77
Efficiency(%)	29.68	31.10	31.04	32.20	32.68	32.59	33.67	35.00	36.27	35.66	37.24

6.Radiation pattern

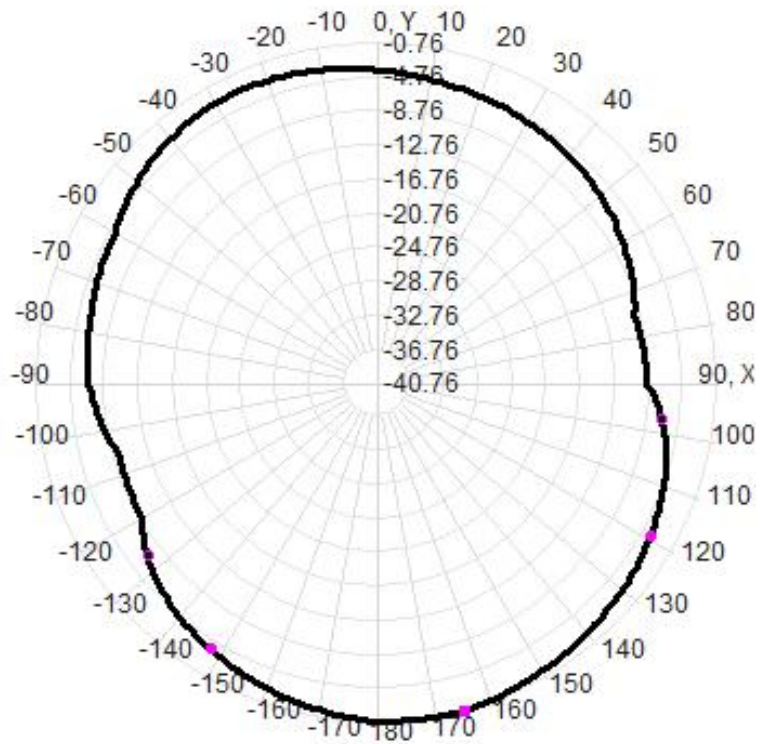
2470.0MHz Total(E1-XZ), Max= -2.17dBi



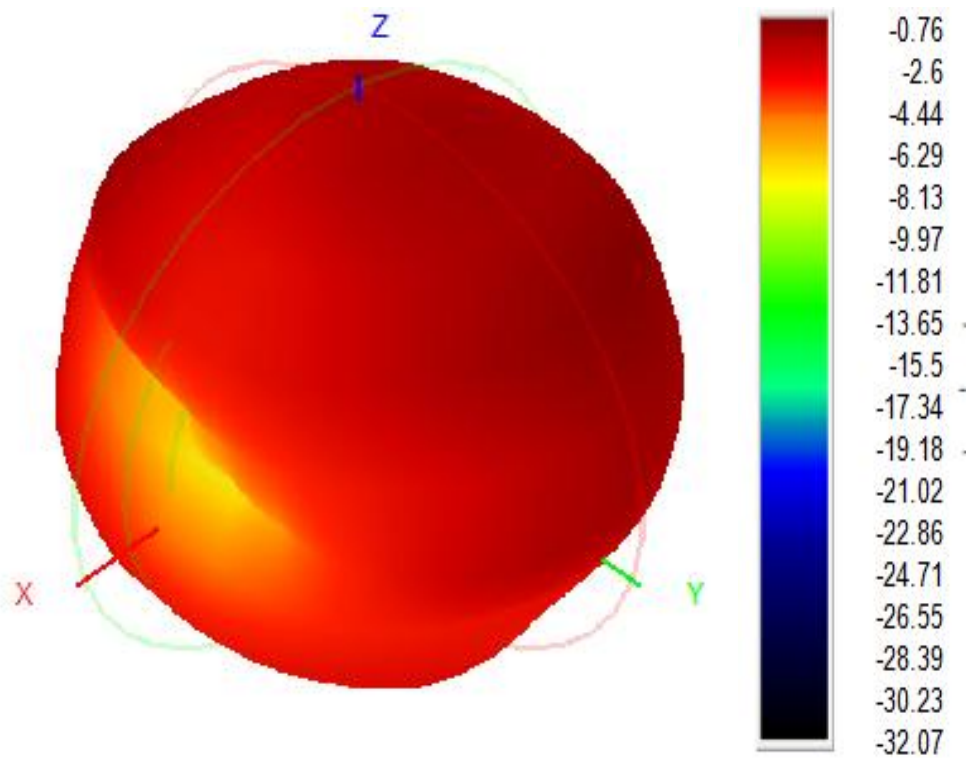
2470.0MHz Total(E2-YZ), Max= -0.76dBi



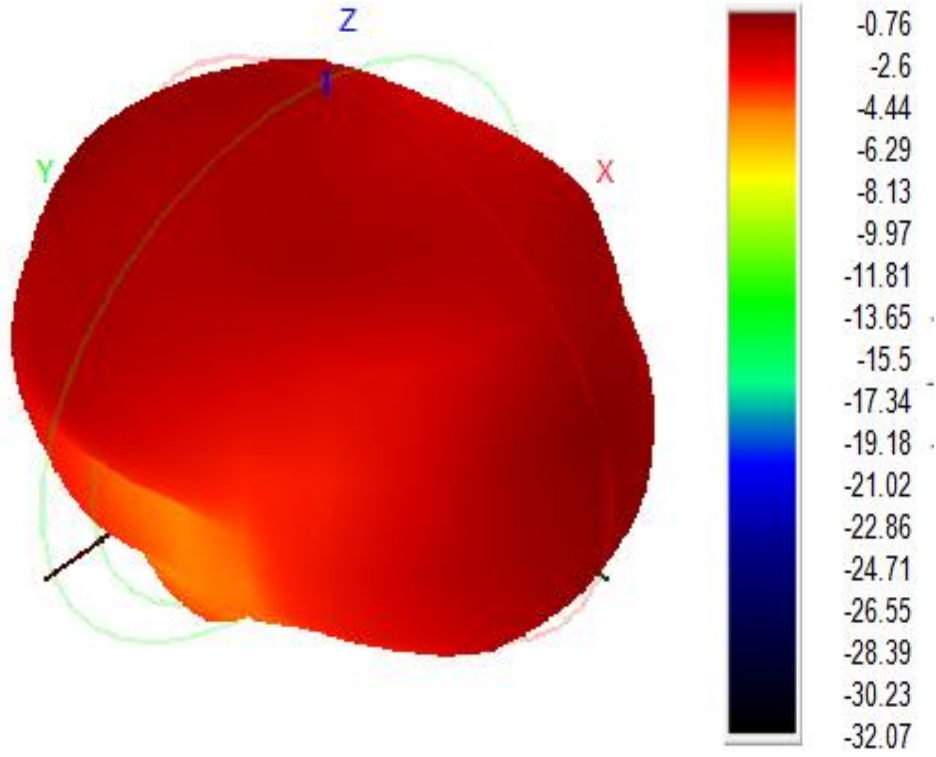
Total(H-XY), Max= -1.00dBi, CirD=8.52



2470.0MHz H+V, Eff: 35.0%



Back View



-----End-----