

SPECIFICATION FOR APPROVAL

CUS PART NO: YSEN-Antenna-01

PART NAME: YSEN-2.4G-Antenna

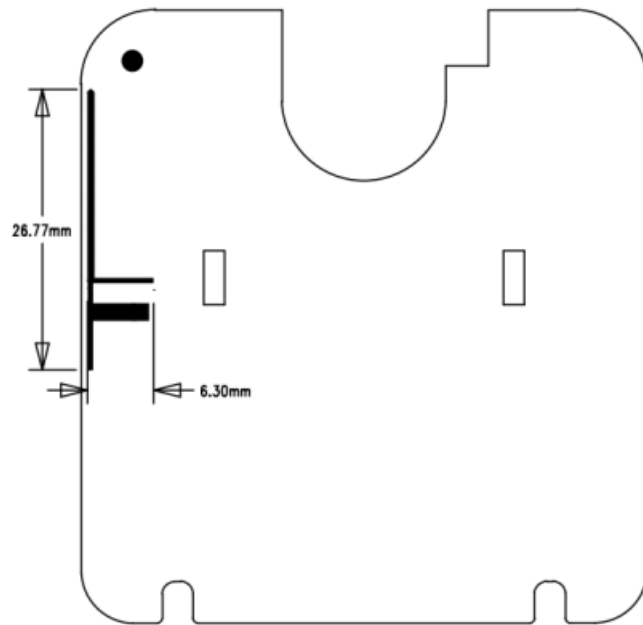
contents

1. Performance parameter	- 3 -
2. Appearance	- 4 -
3. EUT setup photo of free space OTA testing	- 4 -
4. VSWR parameters	- 5 -
5. Passive test data:	- 5 -
6. Radiation pattern	- 6 -

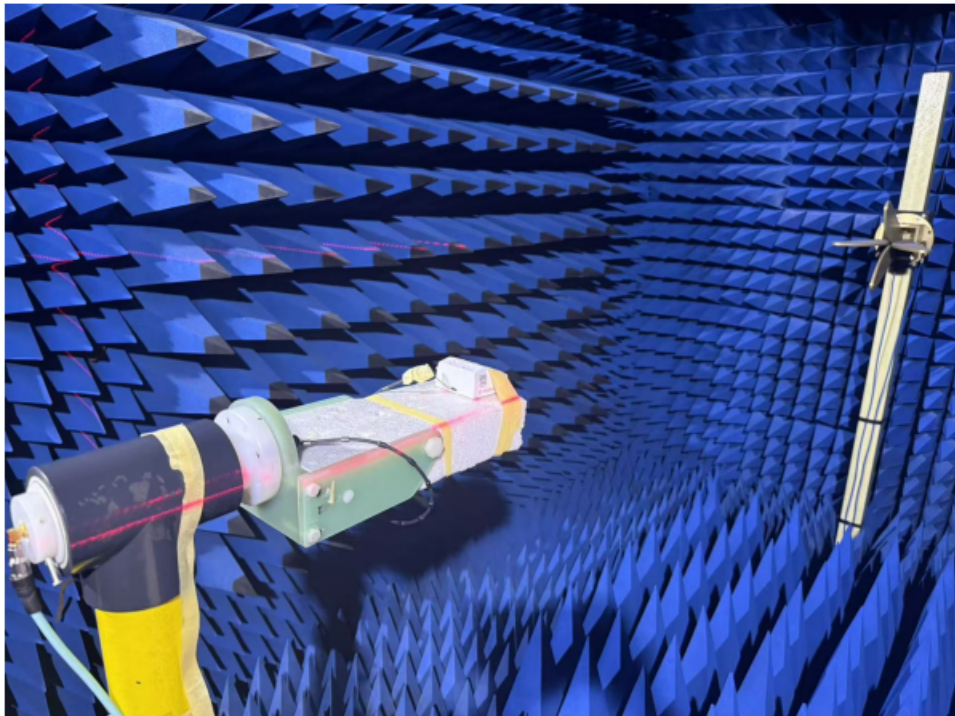
1. Performance parameter

Name	YSEN-2.4G-Antenna
Model Type	PCB Antenna
Frenquency Range	2.4GHz
SIZE	/
Impedance	50 Ω
VSWR	< 4.6
Max Gain	-0.79 dBi
Manufacture	Shenzhen One Stone Two Birds Technology Co.,Ltd
Address	Floor 2, A, Building 1, Dongweifeng New Materials Factory, No. 2 Shengjia Road, Gaoqiao Community, Pingdi Street, Longgang District, Shenzhen

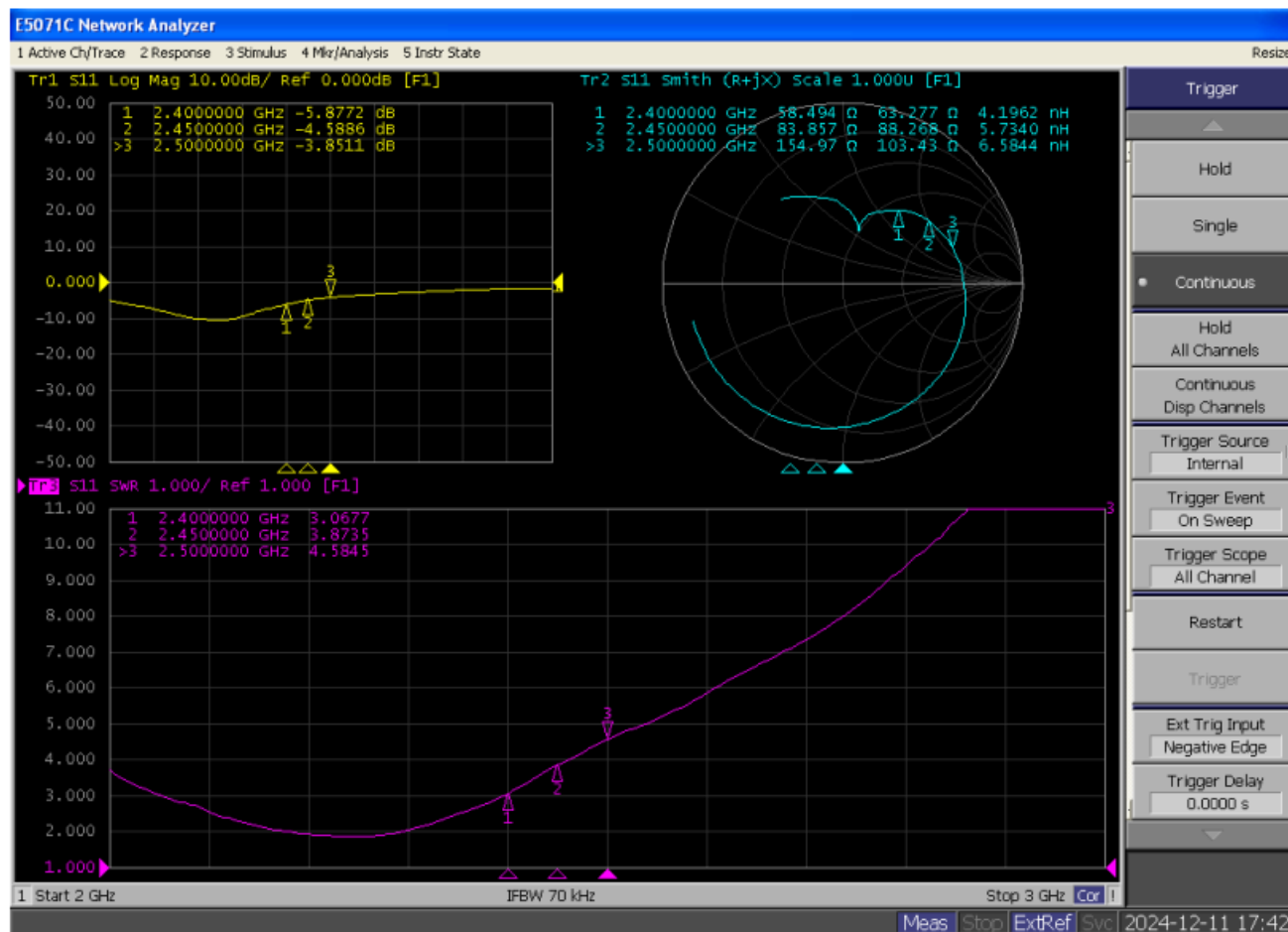
2.Appearance



3.EUT setup photo of free space OTA testing



4.VSWR parameters



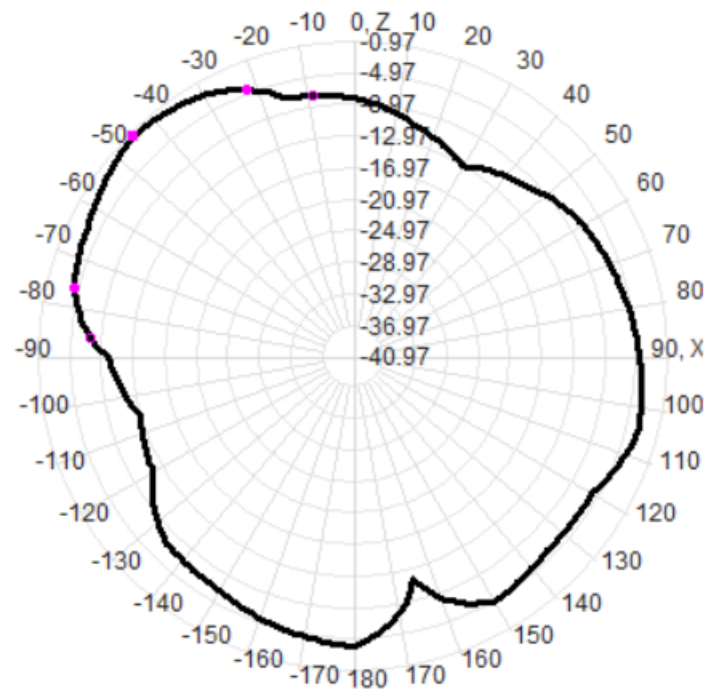
Frequency (MHz)	2400	2450	2500
VSWR	3.07	3.87	4.58

5. Passive test data:

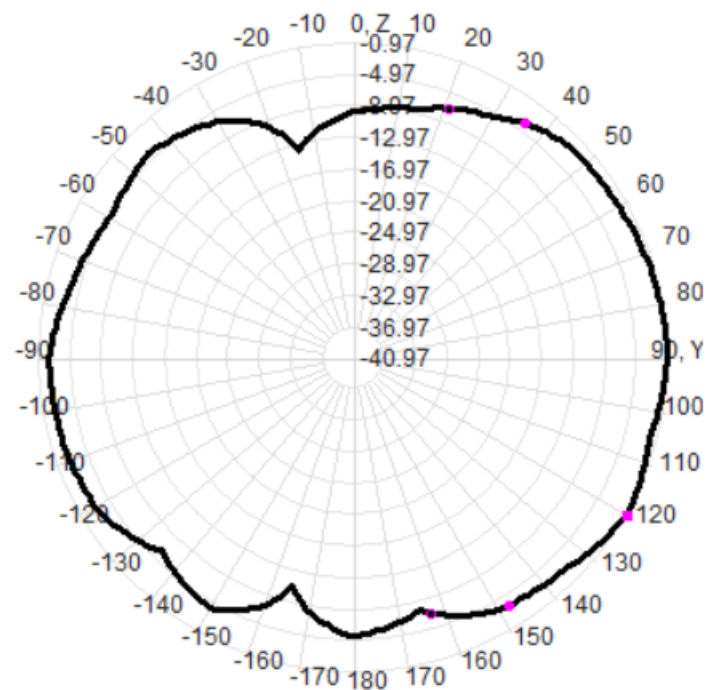
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	-0.79	-0.95	-0.82	-1.10	-1.11	-1.01	-1.09	-1.57	-1.91	-1.74	-2.17
Efficiency(%)	35.89	34.59	36.10	34.73	34.34	34.56	32.77	30.77	29.07	29.53	26.45

6. Radiation pattern

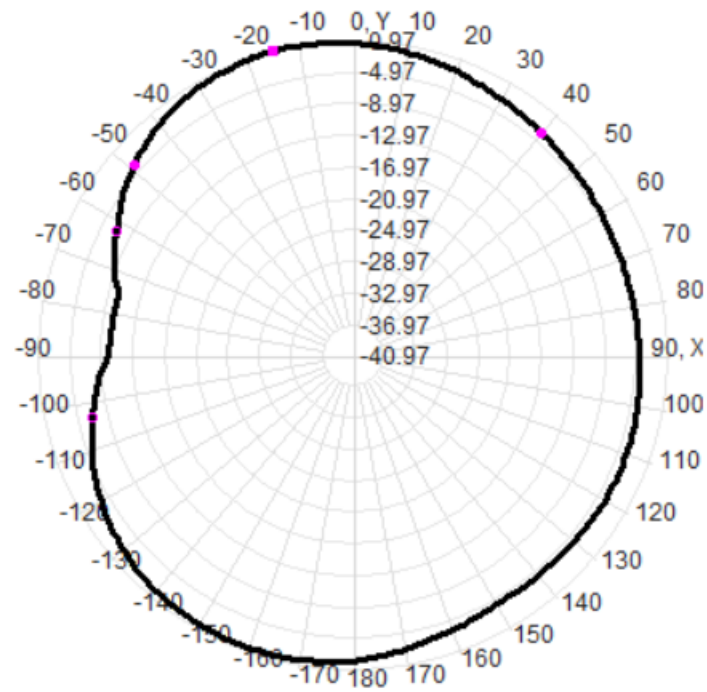
2400.0MHz Total(E1-XZ), Max= -1.45dBi



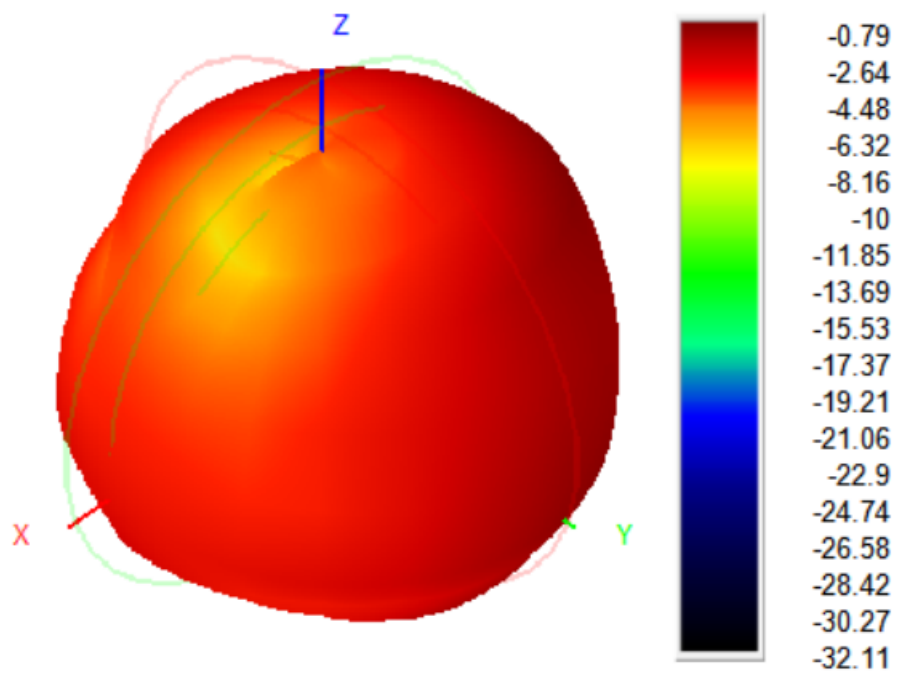
2400.0MHz Total(E2-YZ), Max= -1.04dBi



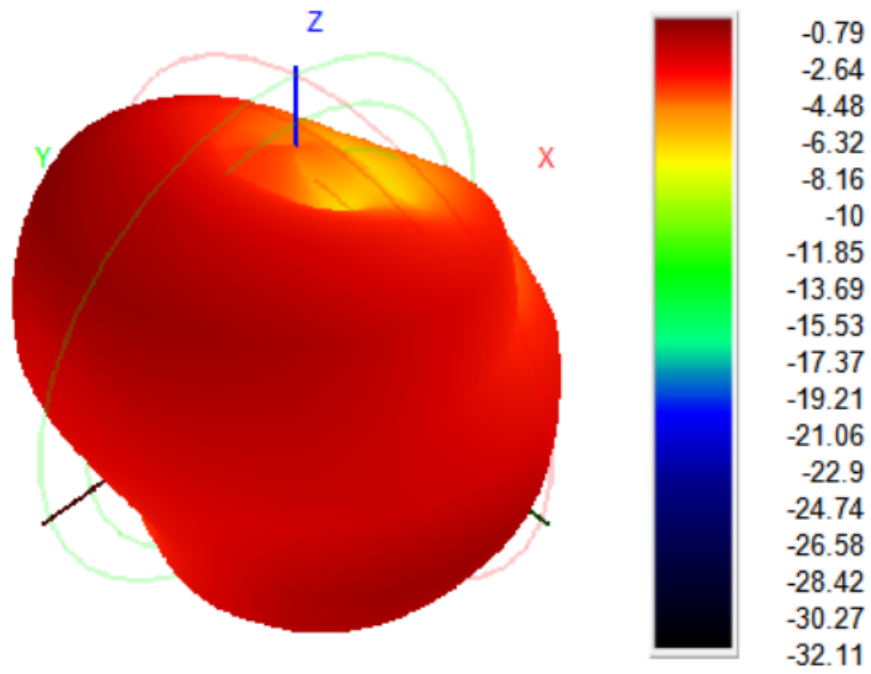
Total(H-XY), Max= -0.97dBi, CirD=9.23



2400.0MHz H+V, Eff: 35.9%



Back View



-----End-----