

Manufacturer: Shenzhen Huanxiang Technology Co., Ltd.

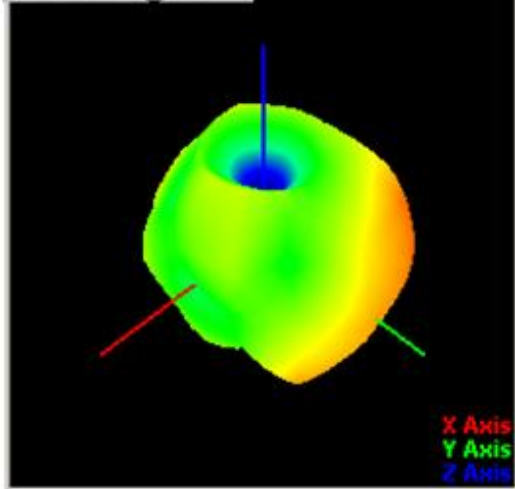
Address:Axis A07, 7th floor, Building 4, SAIGE, No. 3012, Licun Community, Huaqiang North Street, Futian District, Shenzhen

Antenna types	FPC Antenna
Frequency	2400–2500 MHz
Gain	1.71dbi
Efficiency	>35 %
Antenna Material	FPCB+Coaxial Cable

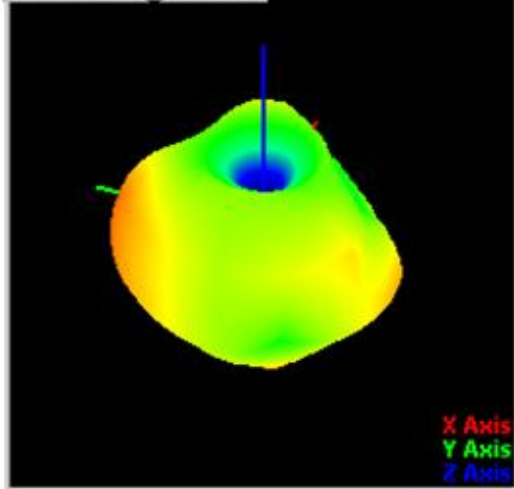
频率 (MHZ)	效率 (%)	增益 (dbi)
2400	57.54	1.25
2410	52.64	1.44
2420	52.94	1.30
2430	55.36	1.25
2440	57.95	1.09
2450	59.64	1.71
2460	57.41	1.58
2470	52.41	1.61
2480	53.44	1.44
2490	55.14	1.30
2500	56.14	1.25

Antenna 3D Radiation Pattern (Unit:dbi)

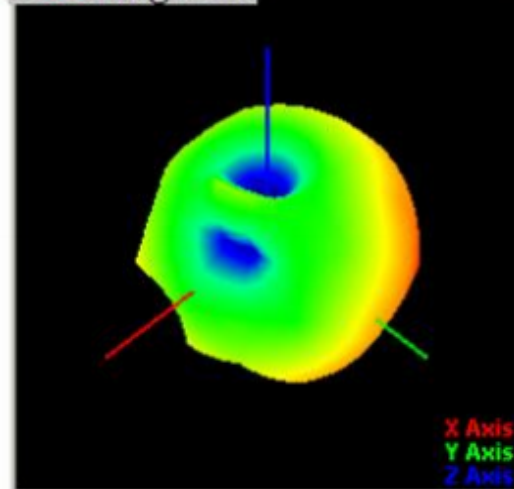
2400.00MHz@T45P45



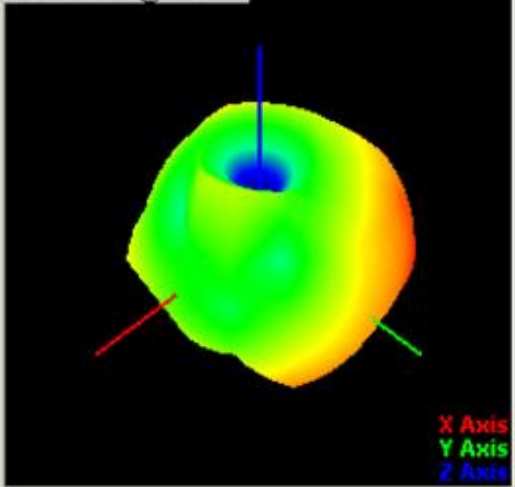
2400.00MHz@T45P200



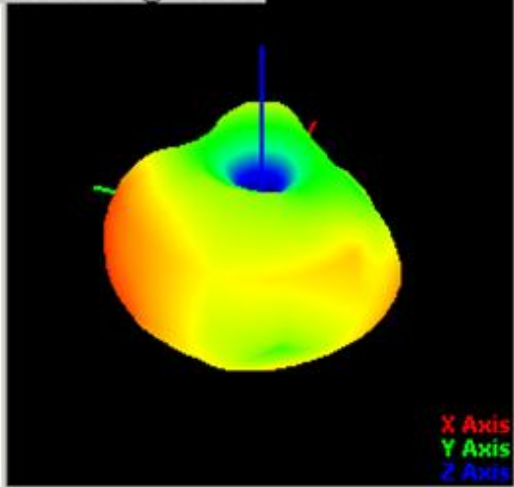
2500.00MHz@T45P45



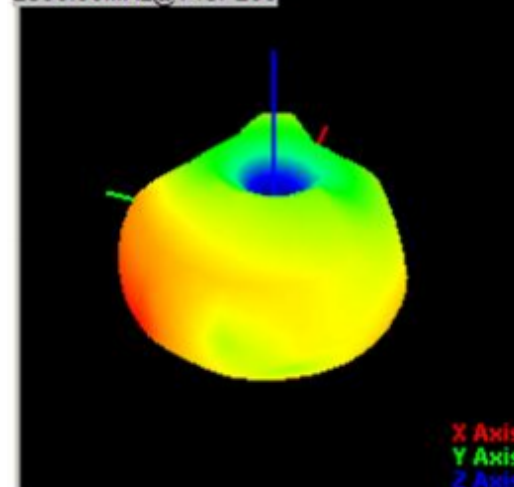
2450.00MHz@T45P45



2450.00MHz@T45P200



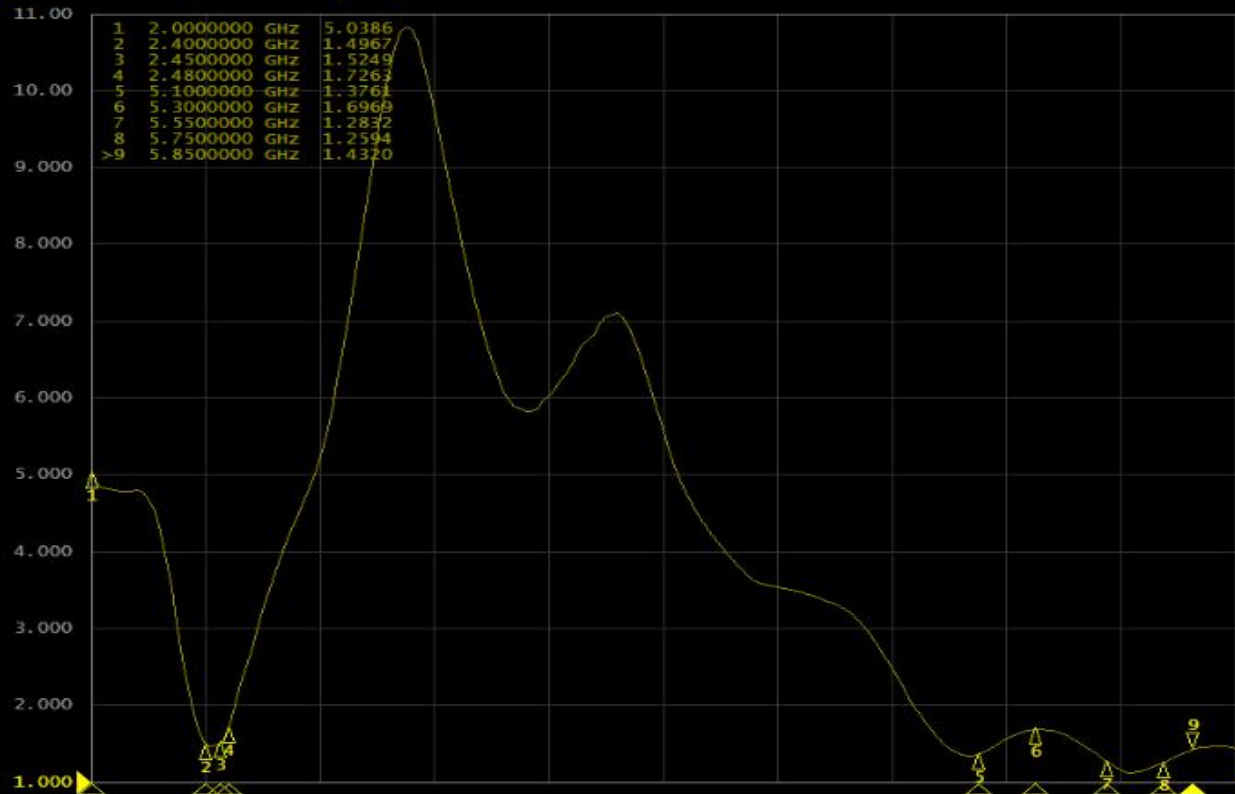
2500.00MHz@T45P200



E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

▶ **F1** S11 SWR 1.000/ Ref 1.000 [F1 M]



1 Start 2 GHz

IFBW 70 kHz

Stop 6 GHz

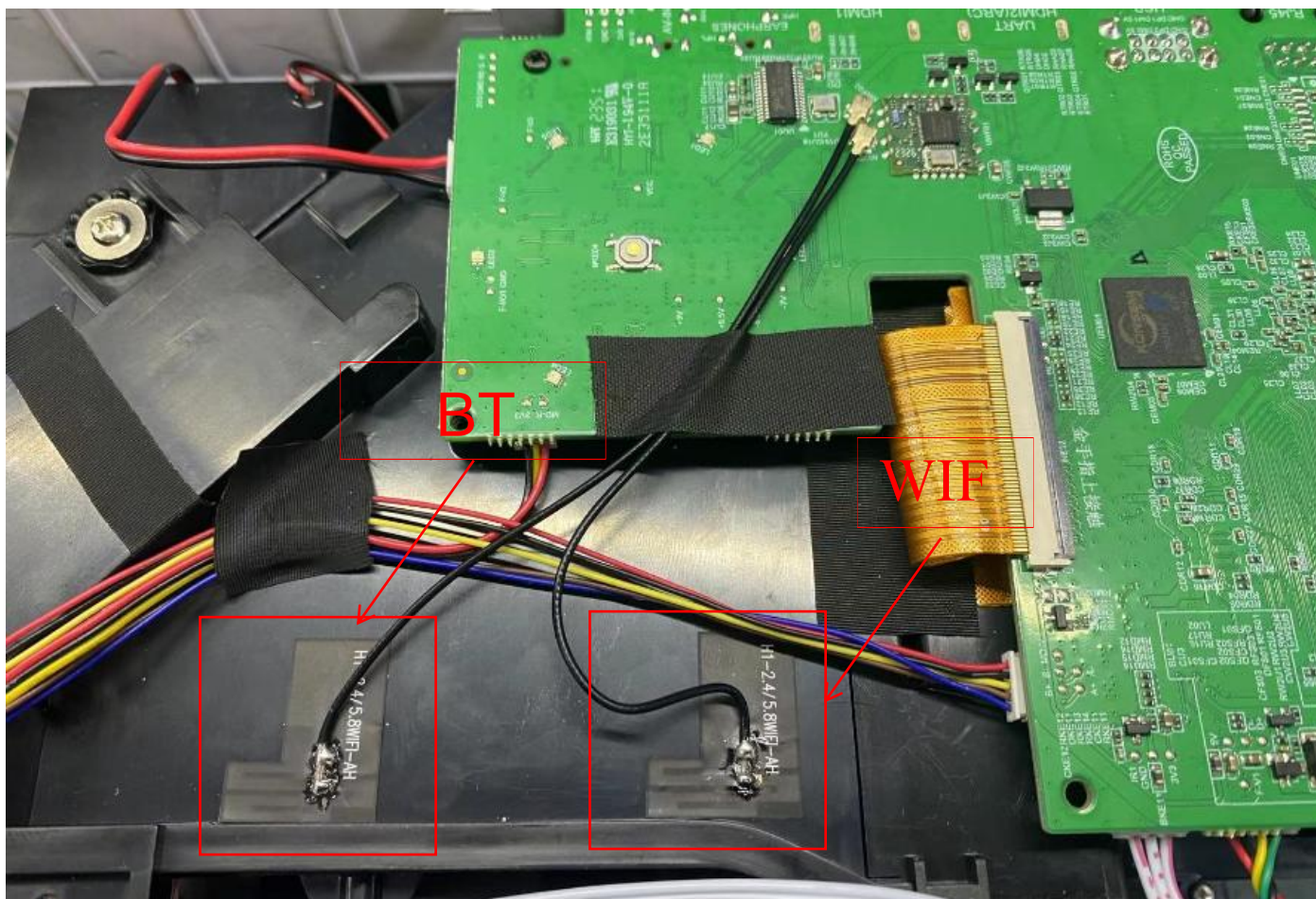
Cor

Meas

Stop

ExtRef

Svc



61-E/S-SF

2

3

4

REV	Description of change	BY	DATE
T:A	New drawings	GUO	2023-07-13

Back adhesive

120.00±2

Tin solder

T86-2.4/5.8HZ-TC

Ø0.81

0.81 MHF-3-Plug

34.00±0.2

3.70

Technical note:

1. The total length of the coaxial cable is 110 mm.
2. Can not burn PVC, can not cause PVC deformation, wrinkle, indentation.
3. Stripping wire can not be deformed or broken.
4. Add "4" size as the important dimensions, add "0" as the reference dimension.

2	Cable	T13-133	TC#EP	Black
1	PVC	S6001-PA-13	PI	
NO.	Product Name	Part No.	Material	Color

Third angle		Unit: mm	NAME: Antenna	DATE: 2023-07-13
General Tolerances			PART NO. S6001-CA-93-TA	DRN:
X	±0.5		MATERIAL:	CHD:
.X	±0.25		SURFACE:	APPD:
.XX	±0.10		COLOR:	SCALE: 2:1
.XXX	±0.05			REV: T:A
ANGULAR	±1°			

2

3

4