

1、BT Antenna

● Technical Parameters

Specification type: BT Antenna

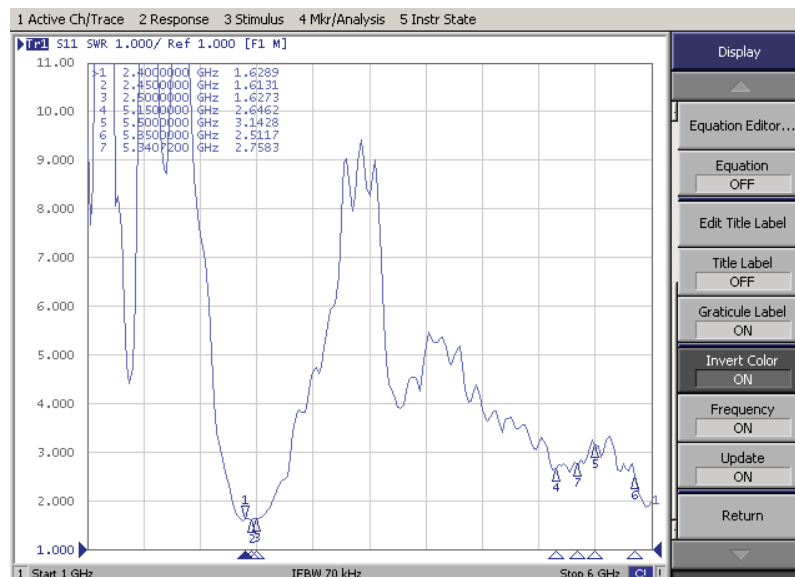
Antenna Factory: Sunnyway Technology (Shenzhen) Co., Ltd.
Add: 6F Building 5, Nam Tai Inno Park, Guangming District, Shenzhen

Antenna type: PIFA

Working band: 2400MHz-2500MHz

Voltage Standing Wave Ratio (VSWR): 1.6

● S11

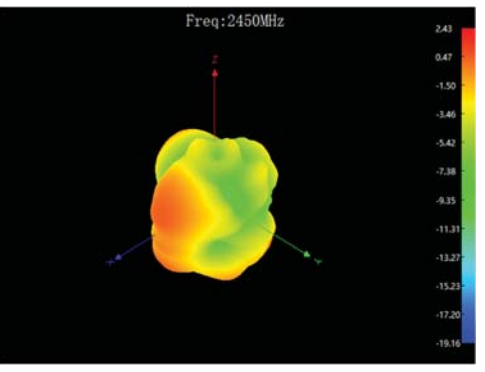
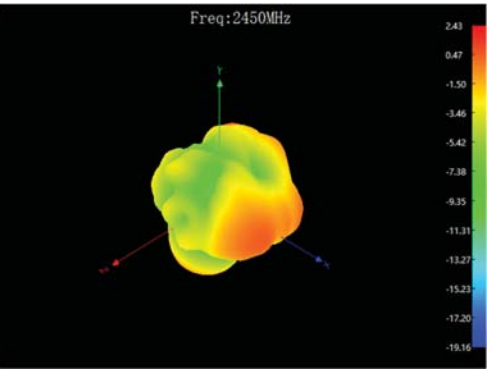
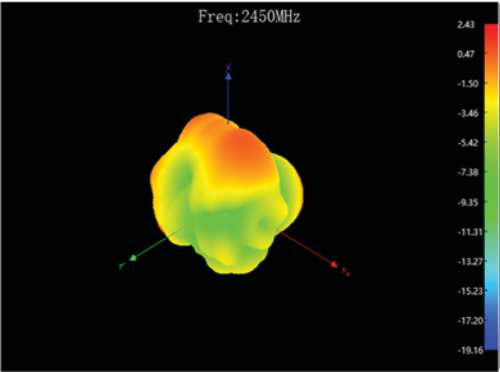
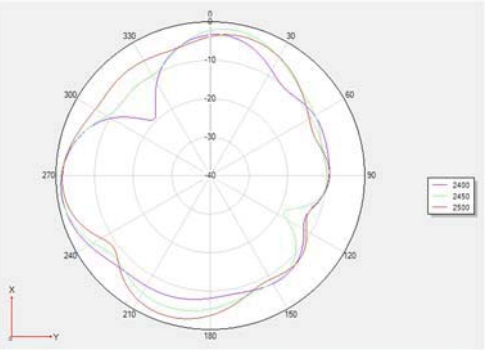
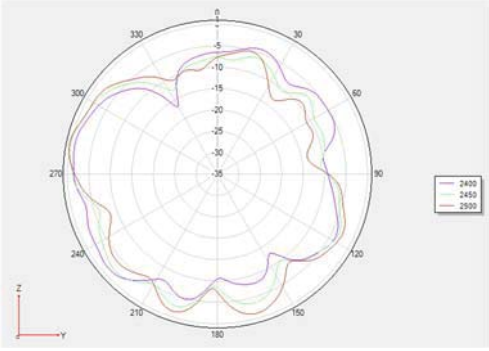
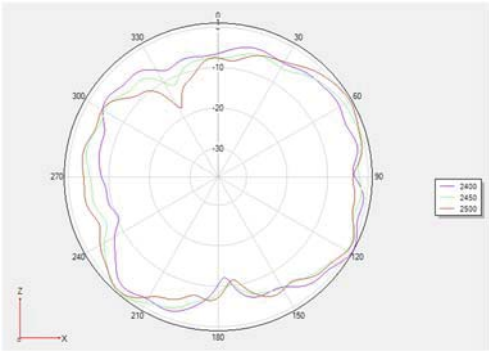


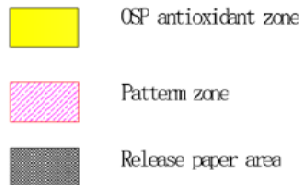
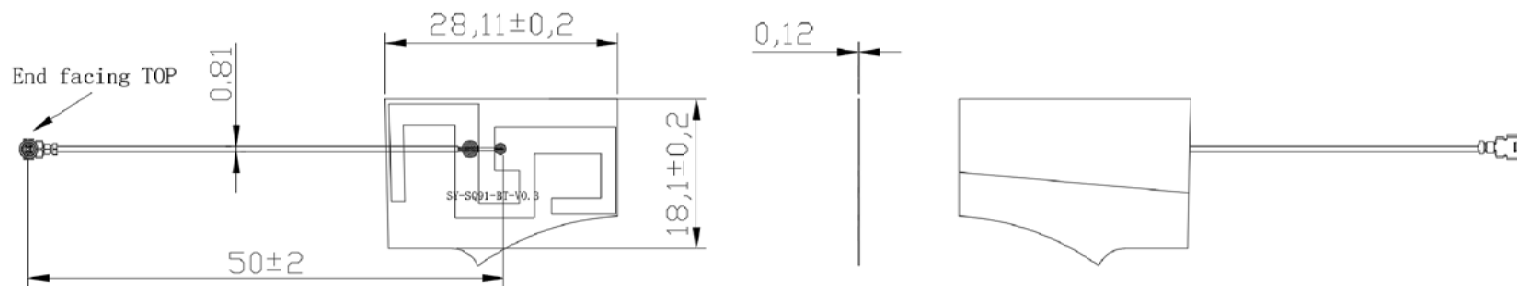
● Antenna Efficiency and Gain

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	1.21	48.39
2410	1.17	50.37
2420	1.21	51.36
2430	1.03	50.65
2440	1.43	49.31
2450	1.4	51.63
2460	1.19	50.82
2470	1.64	51.72

2480	1.5	51.63
2490	1.69	50.28
2500	1.69	51.08

● 2D/3D Pattern





Technical requirement

1. Packaging requirements for shipment: (Single PCS shipment)
2. Apply black matte ink on the surface of the copper pool;
3. The ink should be uniform;
4. The size with the "*" symbol is the key size;
5. 3M 467MP for adhesive backing;
6. Use PI half in half for the substrate;
7. OSP treatment, welding of coaxial lines;
8. Undeclared chamfers are all 0.2, and the process edge is 0.2mm;
9. Unmarked tolerances shall be in accordance with the general tolerance table;
10. The product complies with RoHS2.0&REACH requirements.

NO.	MANE	specification description	Colour	Desage	notes
3	FPC		BLACK	1	
2	Coaxial line	$\phi 0.81$ MM length 50MM	BLACK	1	
1	Terminal	ANC2114L-1C1	Colder	1	

	PART NAME: BT ANT (SQ91)	DATE:	2023-09-05
TOLERANCE X.X ± 0.20 .XX ± 0.10 .XXX ± 0.05 ANGULAR $\angle \pm 0.5^\circ$	PART NO: SZ244771B77	DRAWN:	Xuwei
	MATERIAL: FPC + Coaxial line	CHECKED:	
	FINISHING:	APPROVED:	
UNIT: mm	COLOUR: BLACK	SCALE: 1:1	REV: TA