



N750

WIFI/BT Antenna

PN: SZ23081IA70

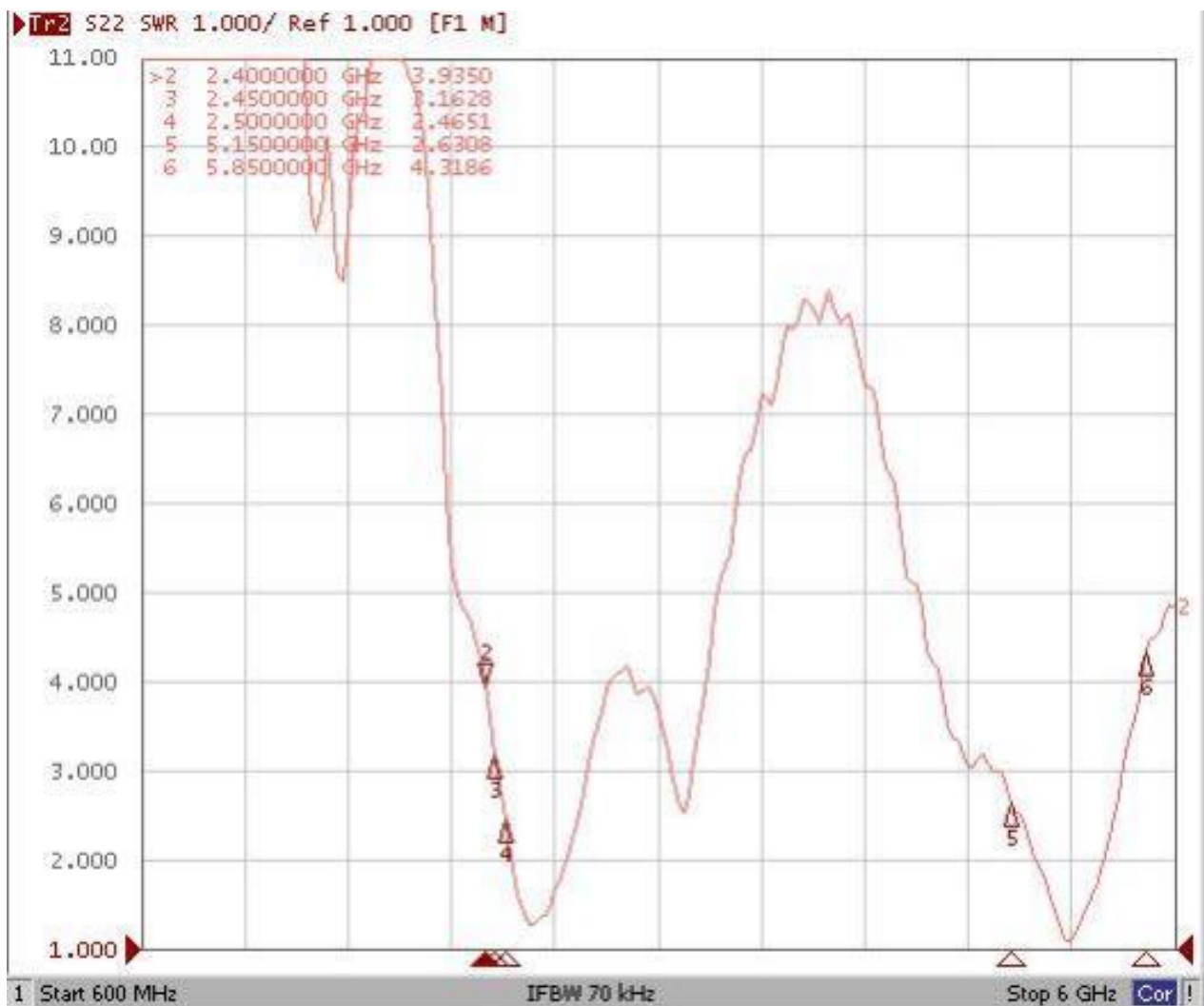
Key features:

- Antenna for 2400-2500MHz and 5150-5850MHz .
- High gain.
- Sustained High Efficiency and Performance.
- Impedance 50 Ohm.

1. Specifications

Item		Specifications	
Antenna	Frequency range (MHz)	2400~2500MHz	5150~5850MHz
	Max Gain (dBi)	-1.48	1.84
	VSWR	3.9under	4.3under
	Efficiency (%)	15%~20%	10%~20%
	Output impedance (Ω)	50	

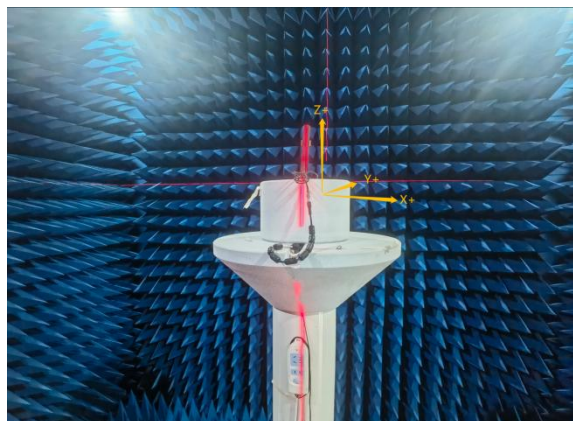
2. VSWR



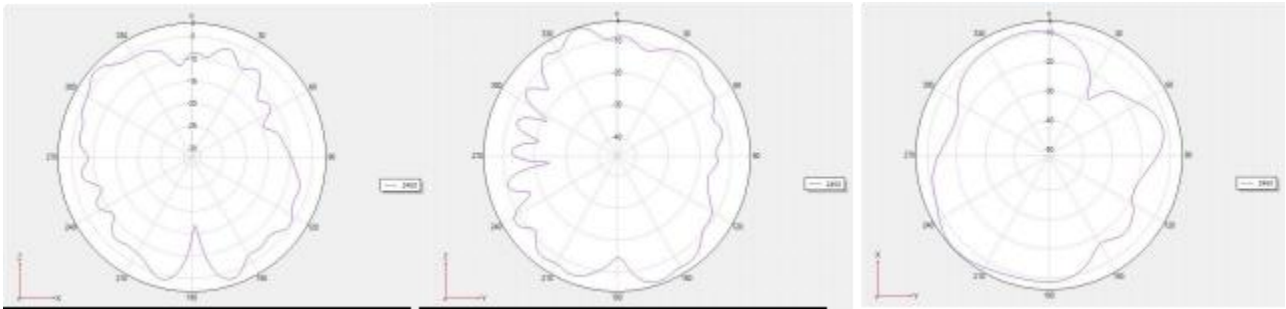
3 Passive test data

Frequency/Mhz	MaxGain/dBi	Efficiency / %	Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	-3.56	16.59	5390	1.41	17.54
2410	-3.49	16.07	5410	1.84	19.28
2420	-3.08	16.86	5430	1.57	18.37
2430	-2.84	16.86	5450	1.26	17.5
2440	-2.77	17.16	5470	1.41	18.37
2450	-2.35	17.97	5490	1.35	18.41
2460	-2.48	17.79	5510	0.88	17.18
2470	-1.81	19.49	5530	0.89	17.5
2480	-1.74	19.93	5550	0.92	18.11
2490	-1.48	20.17	5570	0.35	16.48
2500	-1.58	20	5590	0.38	16.71
5150	-1.48	11.19	5610	0.32	16.87
5170	-1.26	11.12	5630	-0.18	15.52
5190	-0.83	11.97	5650	-0.15	15.52
5210	-0.7	11.86	5670	-0.12	15.89
5230	-0.17	12.68	5690	-0.43	15.7
5250	0.03	13.03	5710	-0.93	14.49
5270	0.37	14	5730	-1.3	13.84
5290	0.8	15.21	5750	-1.56	13.77
5310	0.92	15.67	5770	-1.48	14.35
5330	1.35	17.38	5790	-1.77	13.27
5350	1.51	17.58	5810	-1.72	12.79
5370	1.46	17.54	5830	-1.49	12.91
			5850	-1.36	12.94

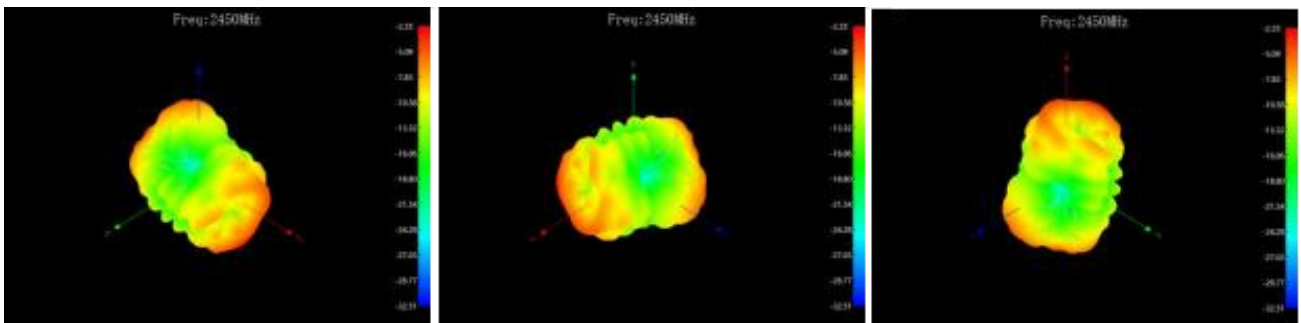
4. Radiation pattern



2D Radiation pattern



3D Radiation pattern



5. Drawing (Unit: mm)

