



Product Specification

P/N:

REV.: X1

Date: 2025/05/12

Model: 81-106016-ant

Shenzhen IOE Communication Technology Co., Ltd

3rd Floor, Building 3, Fifth Industrial Zone, Tianliao Community,

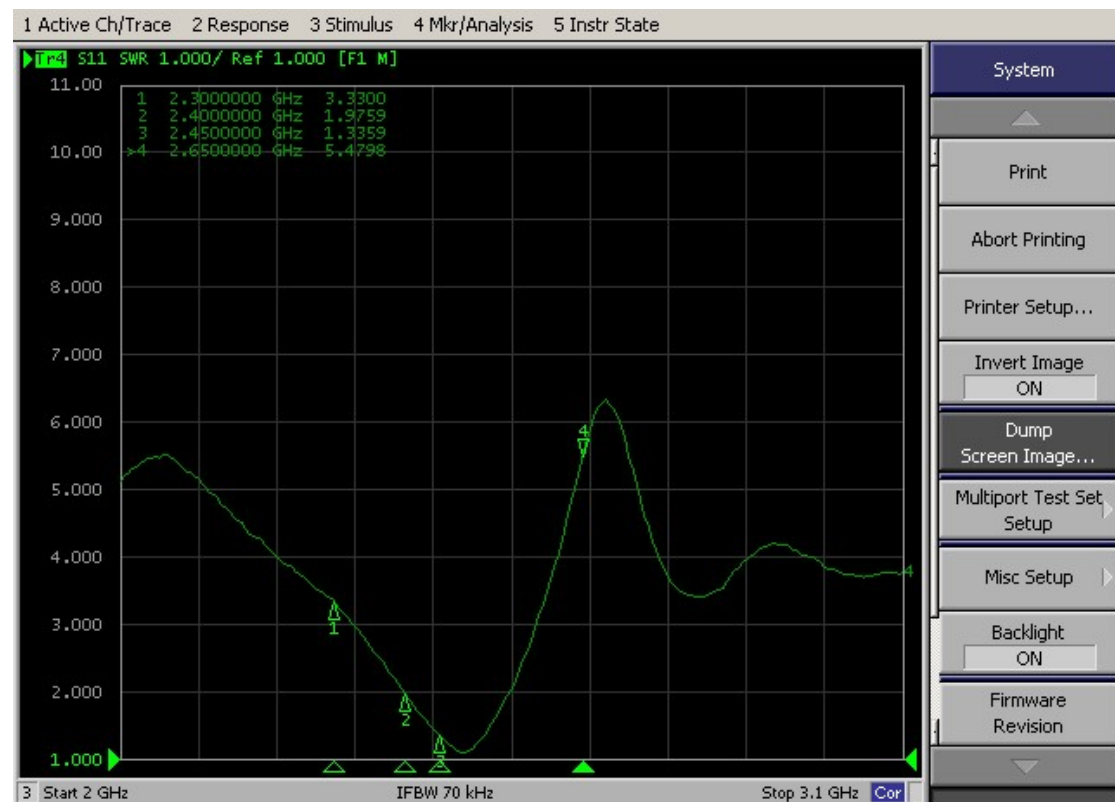
Guangming District, Shenzhen, Guangdong Province, China

Antenna Specification



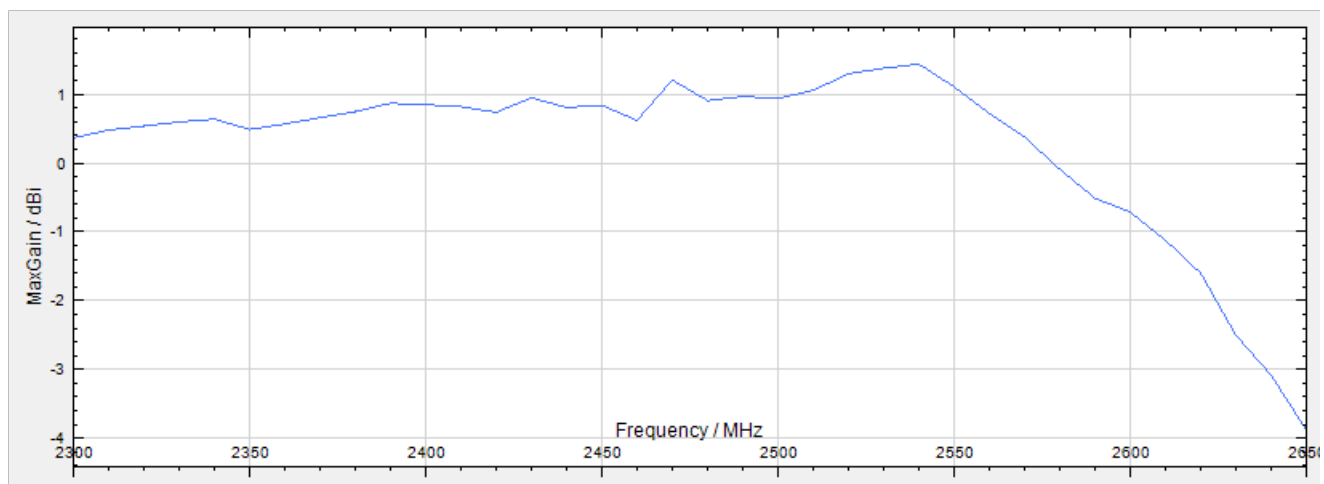
Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2300-2650MHz	
Antenna Type	FPC	
Peak Gain	1.45 dBi	
VSWR	2400-2500MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	IPEX-1 代	
RF Cable Type	RF1.13 L120mm 黑色	
Dimension		
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

1.SWR/驻波图



2. Efficiency/ Gain Test 效率测试

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2300	32.89	0.38
2310	35.08	0.49
2320	35.24	0.55
2330	36.81	0.61
2340	37.24	0.65
2350	38.37	0.50
2360	38.73	0.58
2370	39.99	0.67
2380	40.55	0.76
2390	40.64	0.88
2400	44.06	0.86
2410	42.46	0.83
2420	44.46	0.75
2430	45.50	0.96
2440	46.45	0.82
2450	48.64	0.85
2460	46.88	0.63
2470	50.35	1.22
2480	50.70	0.92
2490	51.40	0.98
2500	51.17	0.95
2510	50.00	1.07
2520	51.76	1.31
2530	51.05	1.39
2540	51.52	1.45
2550	48.64	1.12
2560	46.24	0.73
2570	45.19	0.39
2580	42.85	-0.08
2590	39.26	-0.50
2600	37.24	-0.70
2610	33.65	-1.11
2620	31.12	-1.59
2630	26.85	-2.49
2640	23.88	-3.07
2650	20.61	-3.87



3.3D Radiation Pattern/3D 辐射方向图

