

# SN6BHP WIFI2 Antenna Report

Antenna model: SN6BHP-WIFI2

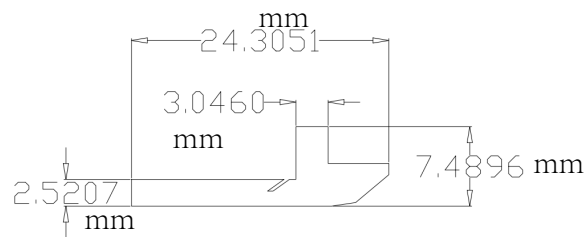
Antenna type: Monopole antenna

Trademark: \

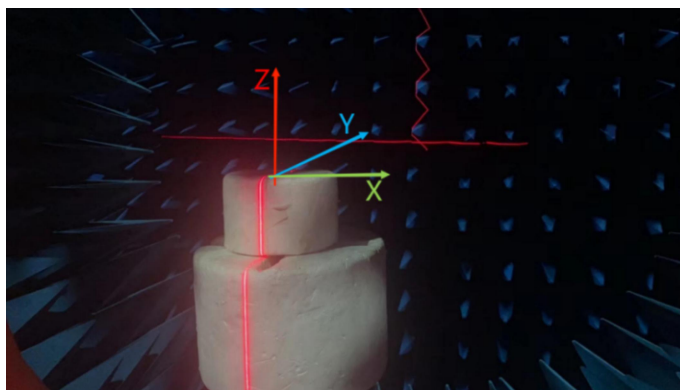
Frequency band: 2400~2500MHz, 5150~5850 MHz

Manufacturer information: SEI

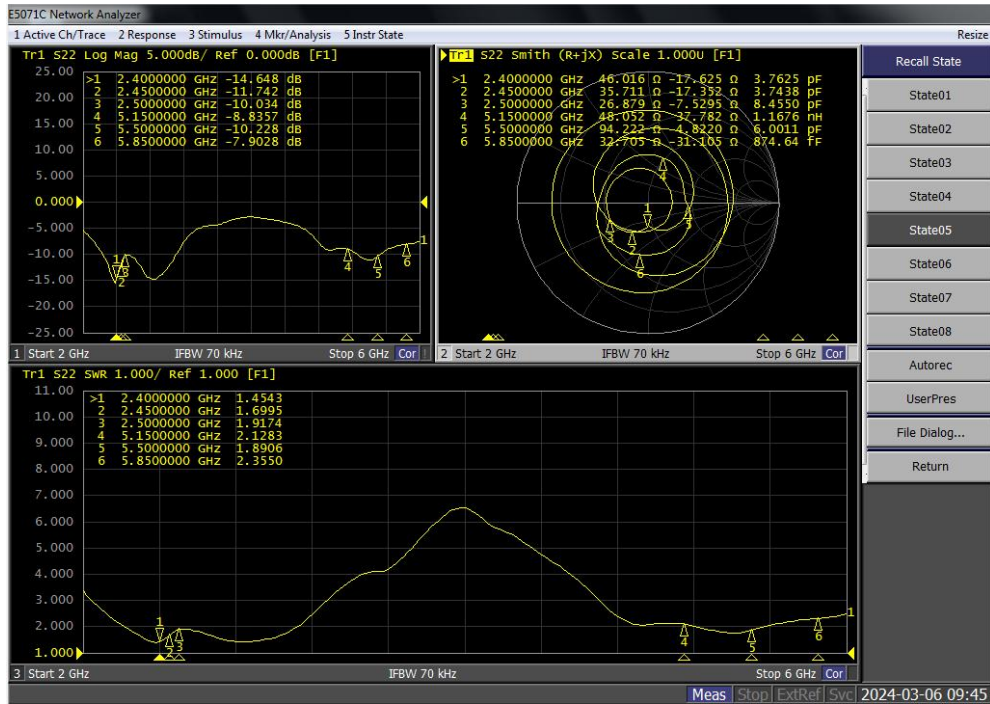
4th Floor, Productivity Building D, #5 Hi-Tech  
Middle 2nd Road, Shenzhen Hi-Tech Industrial  
Park, Nanshan District, Shenzhen, China



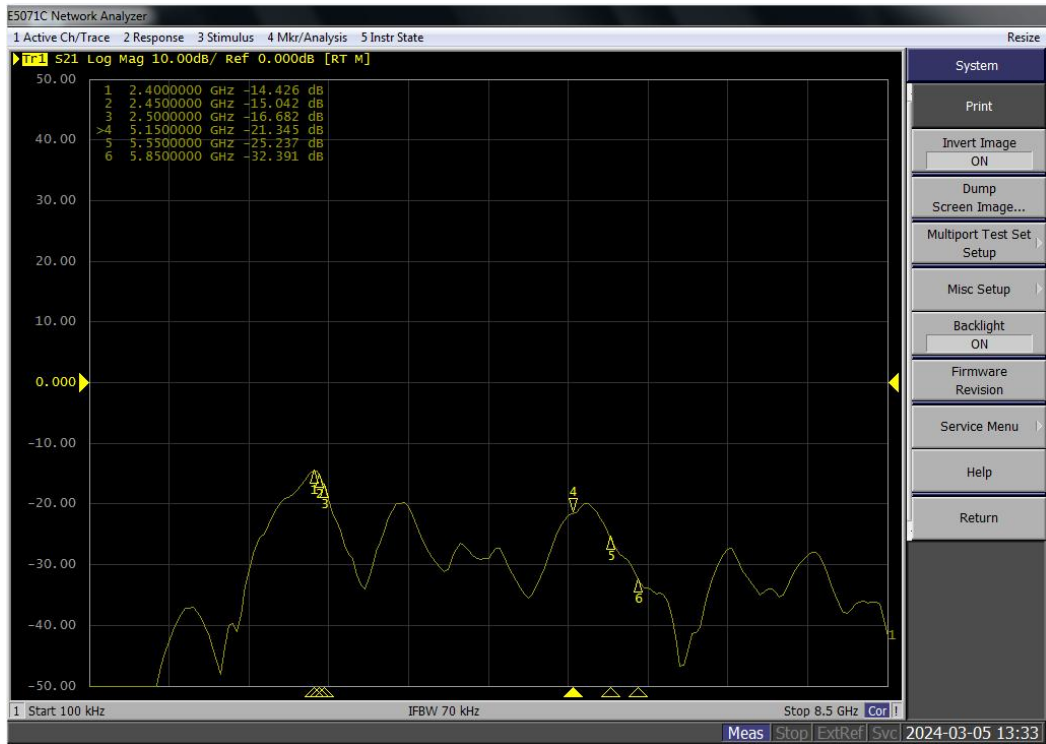
测试环境 Test environment



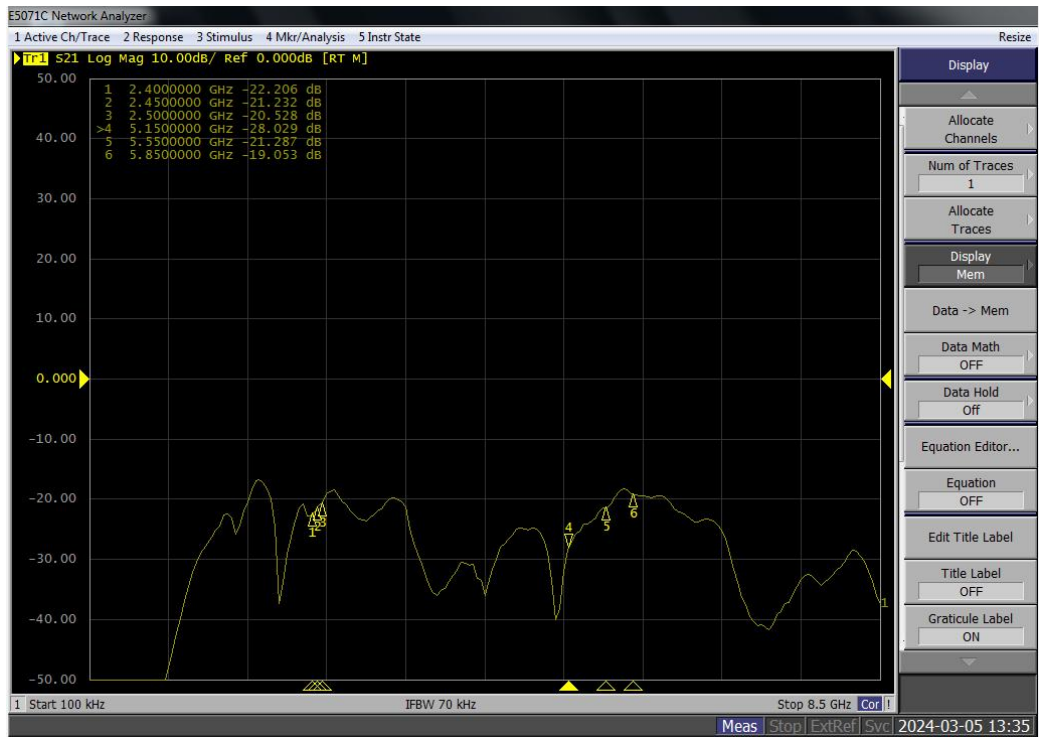
# 天线驻波比 SWR ANT2



## BT 与 ANT2 隔离度 S21



## ANT1 与 ANT2 隔离度 S21

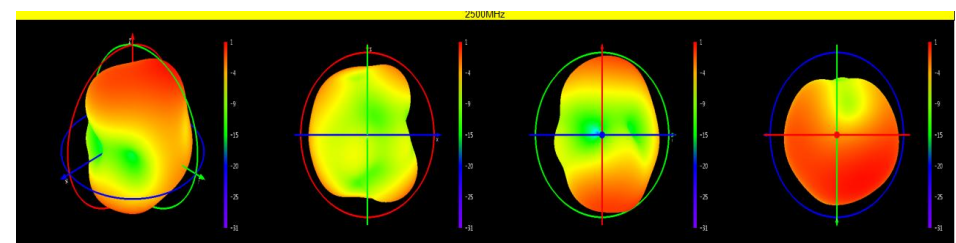
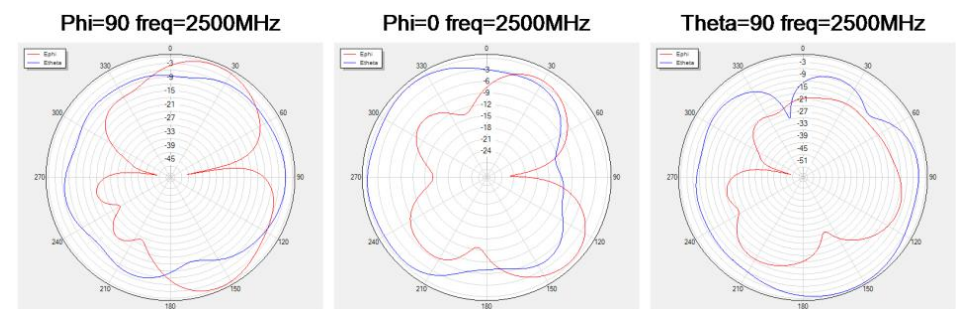
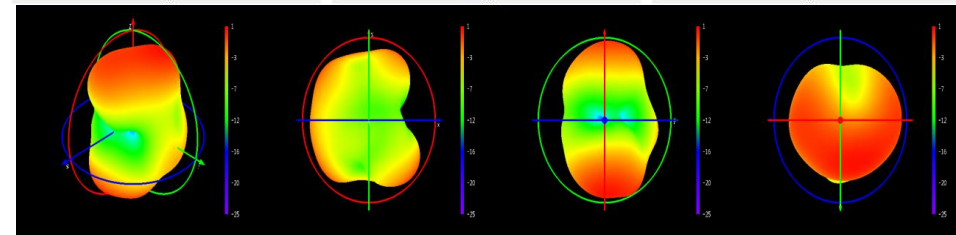
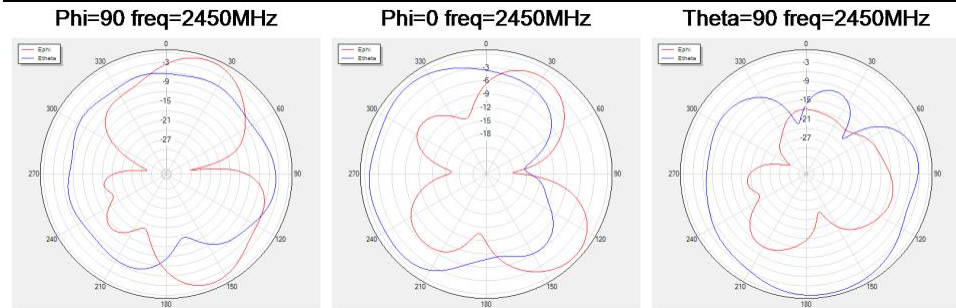
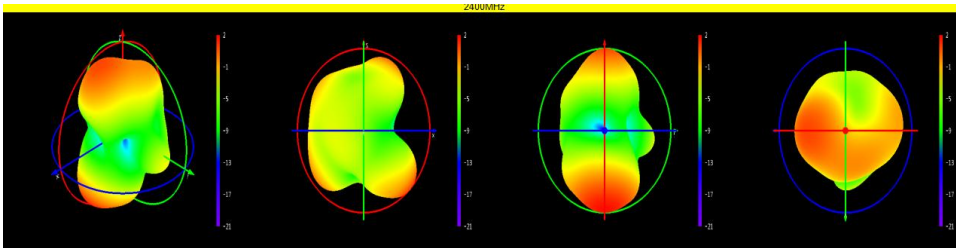
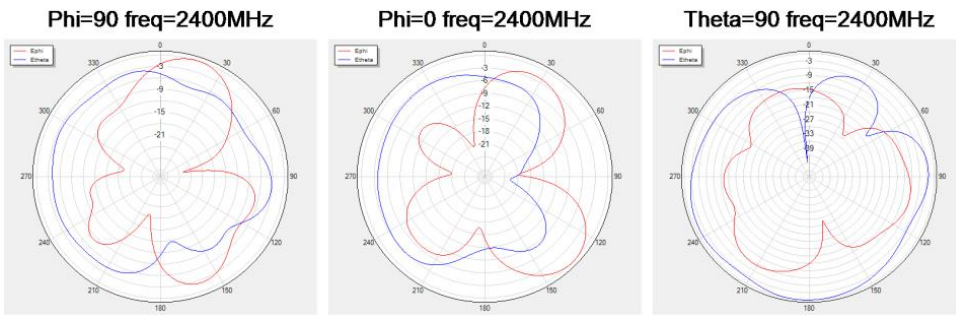


无源效率ANT2

Gain&Efficiency 增益、效率		
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
2400	1.75	51.86
2410	1.27	50.51
2420	0.77	48.58
2430	0.55	49.05
2440	0.29	49.13
2450	0.19	50.02
2460	0.26	52.29
2470	0.32	50.64
2480	0.31	50.37
2490	0.43	51.11
2500	0.6	51.14

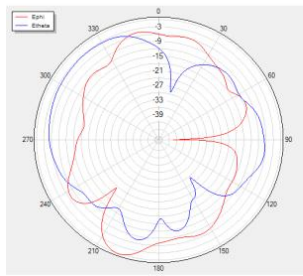
Gain&Efficiency 增益、效率		
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
5100	0.81	45.33
5150	0.7	46.08
5200	0.03	47.56
5250	0.83	49.35
5300	0.7	50.63
5350	0.64	51.01
5400	0.83	50.91
5450	0.13	49.63
5500	0.25	49.79
5550	0.18	49.39
5600	0.24	49.21
5650	0.33	48.9
5700	0.31	47.39
5750	0.18	47.4
5800	0.37	46.26
5850	0.74	46.26
5900	0.26	45.36

# 2D3D 方向图ANT2 dBi

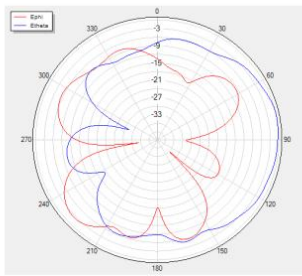


dBi

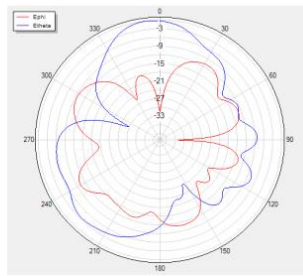
Phi=90 freq=5100MHz



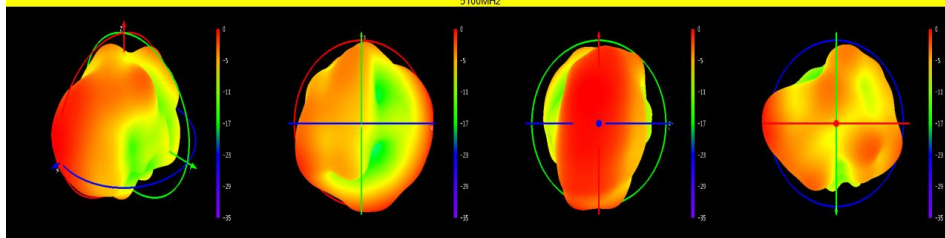
Phi=0 freq=5100MHz



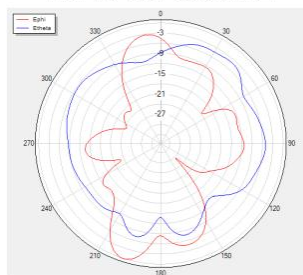
Theta=90 freq=5100MHz



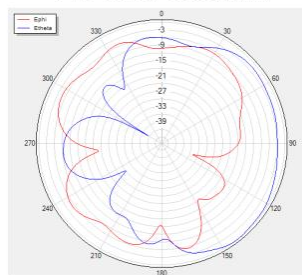
5100MHz



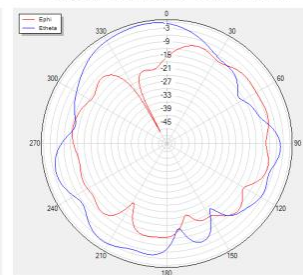
Phi=90 freq=5650MHz



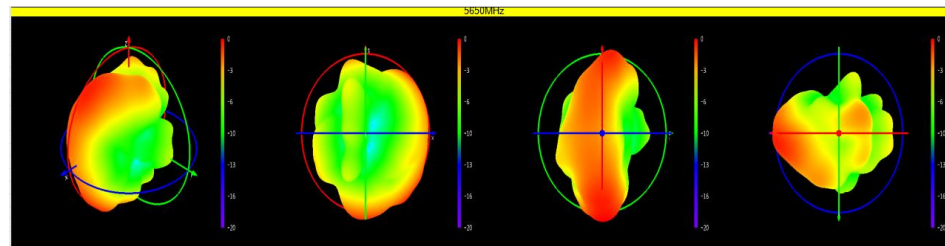
Phi=0 freq=5650MHz



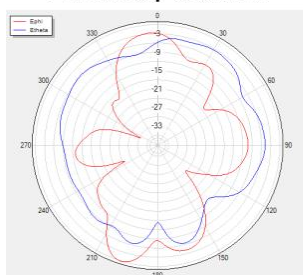
Theta=90 freq=5650MHz



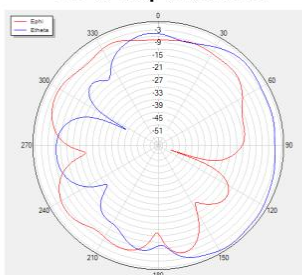
5650MHz



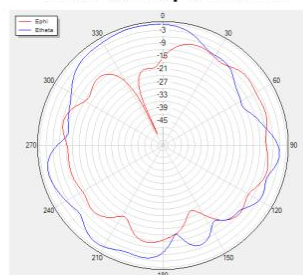
Phi=90 freq=5700MHz



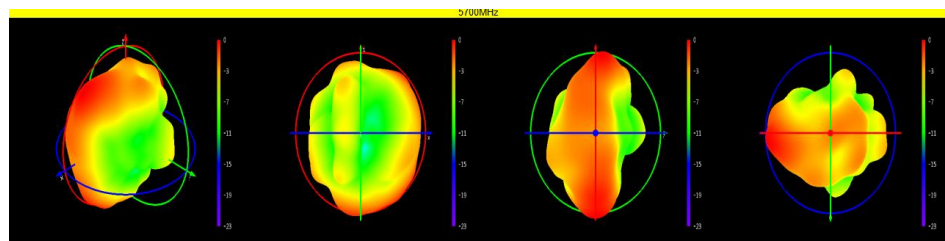
Phi=0 freq=5700MHz



Theta=90 freq=5700MHz



5700MHz



有源数据

Test	Wifi 2G TRP			Test	Wifi 2G TIS		
CH	1	6	13	CH	1	6	13
Frequency (MHz)	2412	2437	2472	Frequency (MHz)	2412	2437	2472
TRP(dBm)	15.55	18.49	17.97	TIS(dBm)	-74.37	-56.42	-68.55

Test mode: 802.11a 54Mbps BW 20M

Test	Wifi 5G TRP			Test	Wifi 5G TIS		
CH	36	100	165	CH	36	100	165
Frequency (MHz)	5180	5500	5825	Frequency (MHz)	5180	5500	5825
TRP(dBm)	19.1	17.14	18.49	TIS(dBm)	-80.31	-79.78	-78.57