



Shenzhen Hanyang Antenna Design Co., Ltd

Antenna design specialists

Test report

client			
client	Hisense		
rf		structure	
Business address			
Hanyang antenna			
rf	Hu and Lin 15294975644	structure	Chen Yu 18320902535
Audit	Liu Yang 15919810532	business	
Business address	12A11, Logistics Information Building, Qianjin 2nd Road, Bao'an District, Shenzhen Tel/Fax: 0755-23069700		
Project information			
The name of the project		Models	
Antenna type	PCB	Solution Company	
Antenna standard		date	2025-12-18
Remark:			



WiFi1	CH	Gain/dBi	Efficiency/%
2.4G	L	1.8	40.92
	M	1.82	42.06
	H	1.52	43.16
5G	L	1.7	54.46
	M	1.67	53.81
	H	1.71	54.47

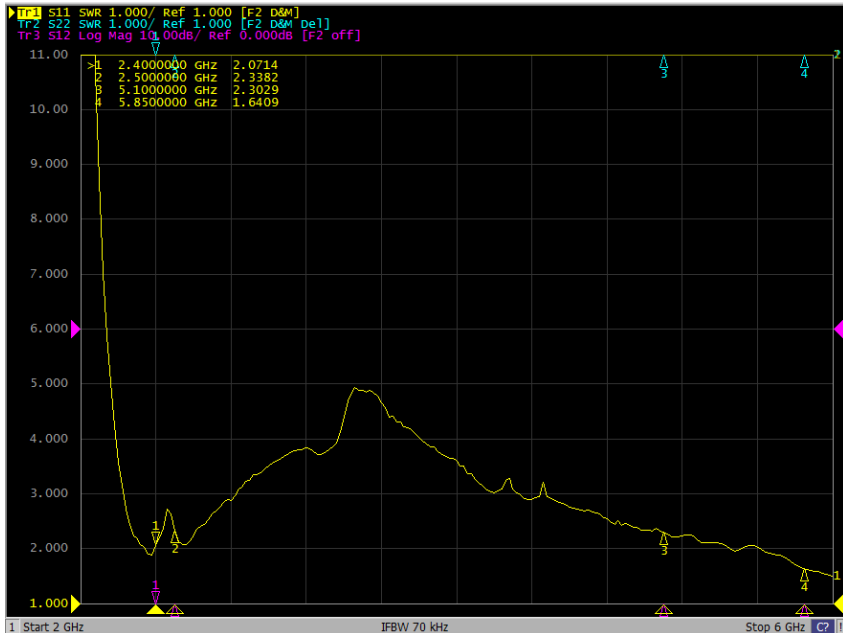
WiFi2	CH	Gain/dBi	Efficiency/%
2.4G	L	-0.41	40.86
	M	-0.01	42.95
	H	0.15	44.43
5G	L	2.16	56.07
	M	2.3	54.57
	H	2.17	50.6

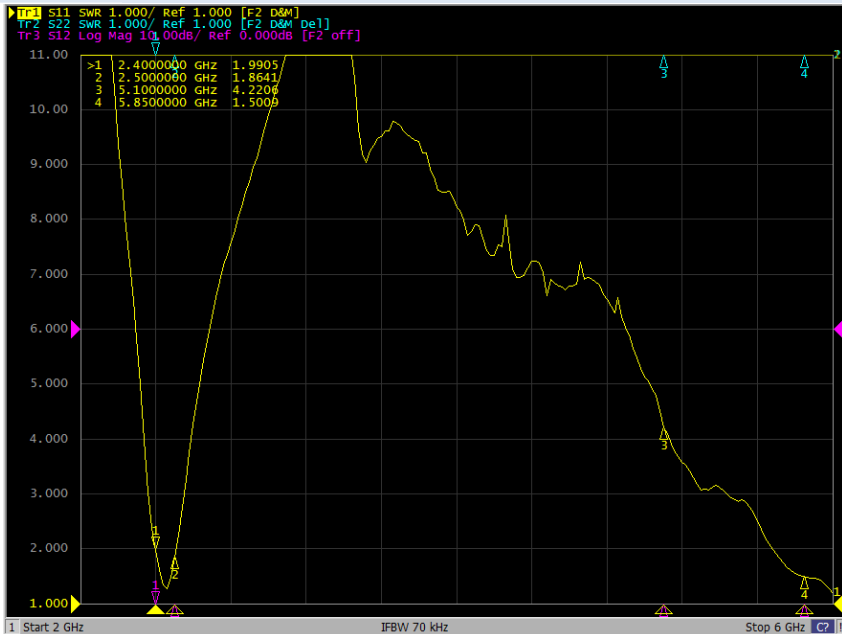


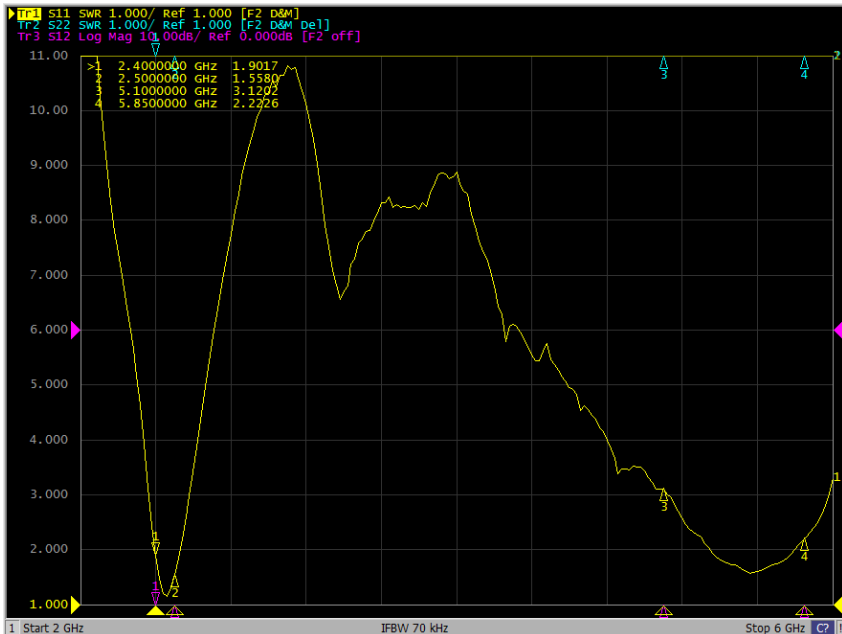
WiFi3	CH	Gain/dBi	Efficiency/%
2.4G	L	-0.61	39.07
	M	-0.27	41.66
	H	0.1	44.13
5G	L	1.49	43.62
	M	1.43	44.82
	H	1.33	43.89

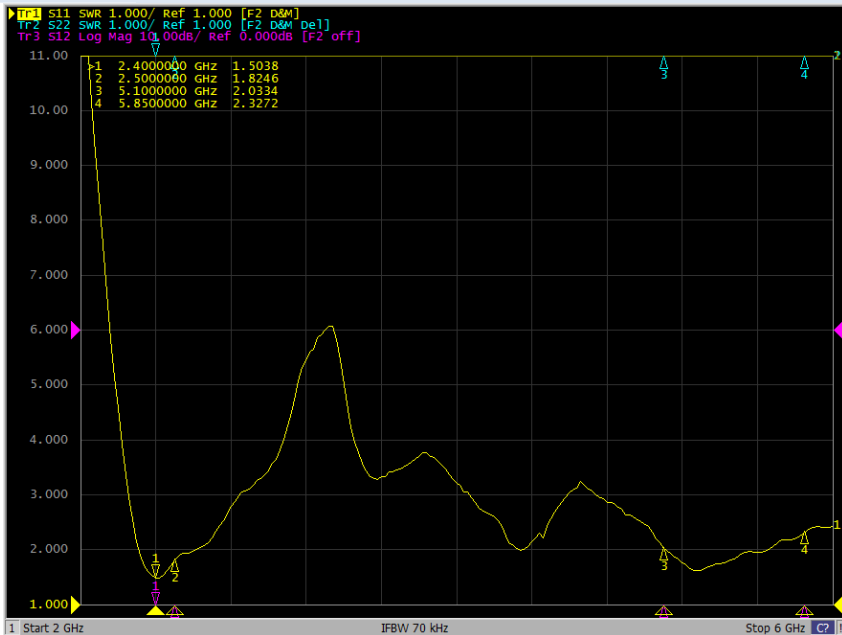
WiFi4	CH	Gain/dBi	Efficiency/%
2.4G	L	-0.93	39.49
	M	-0.82	42.98
	H	-0.54	46.16
5G	L	1.72	54.63
	M	1.85	54.68
	H	2.08	56.54

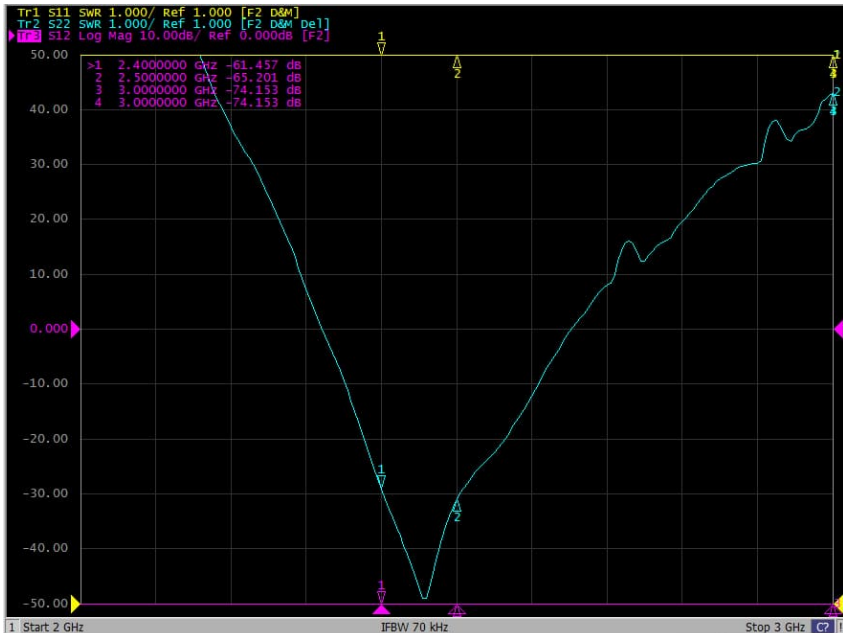
BT	CH	Gain/dBi	Efficiency/%
2.4G	L	-0.84	31.32
	M	-1.04	31.18
	H	-0.79	29.44



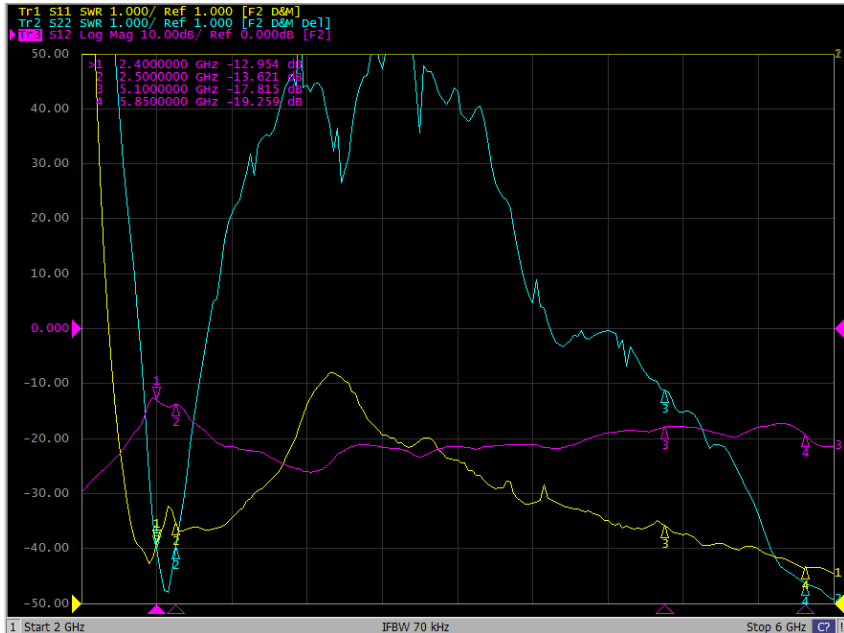




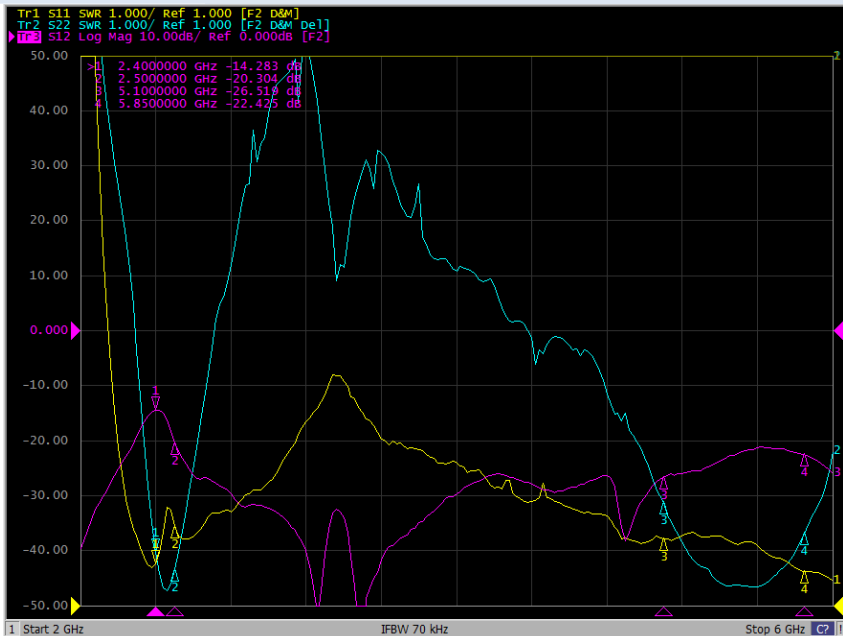




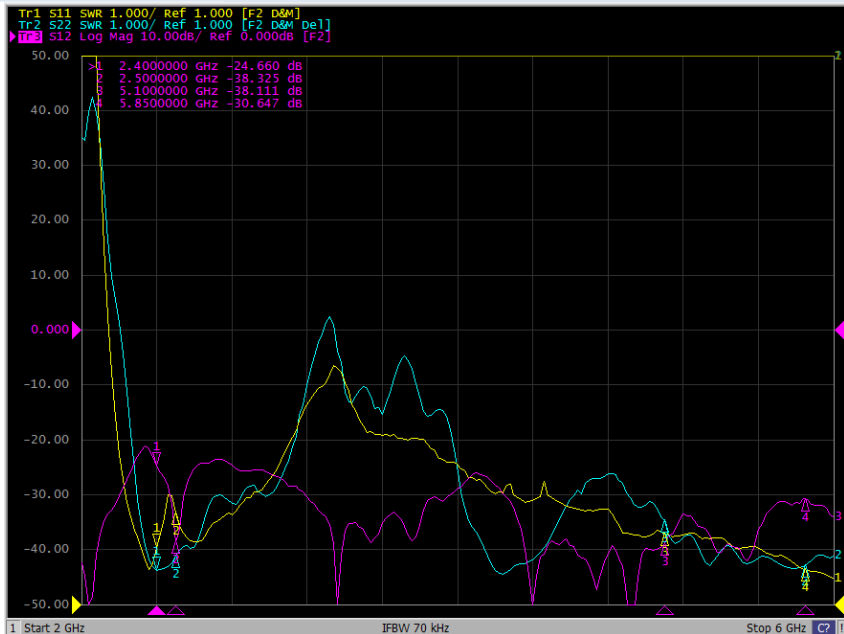
2.4G S12 : -13dB
5G S12 : -19dB



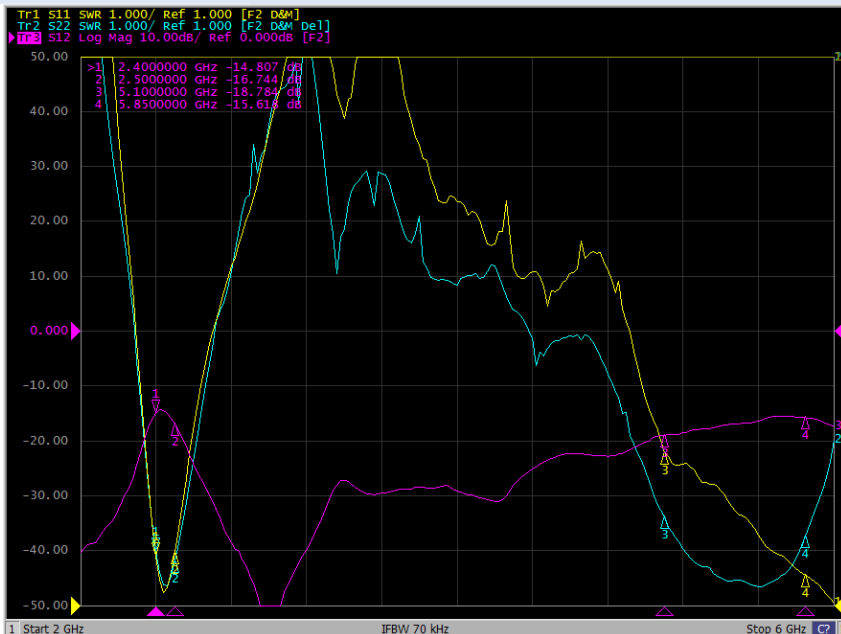
2.4G S12 : -20dB
5G S12 : -26dB



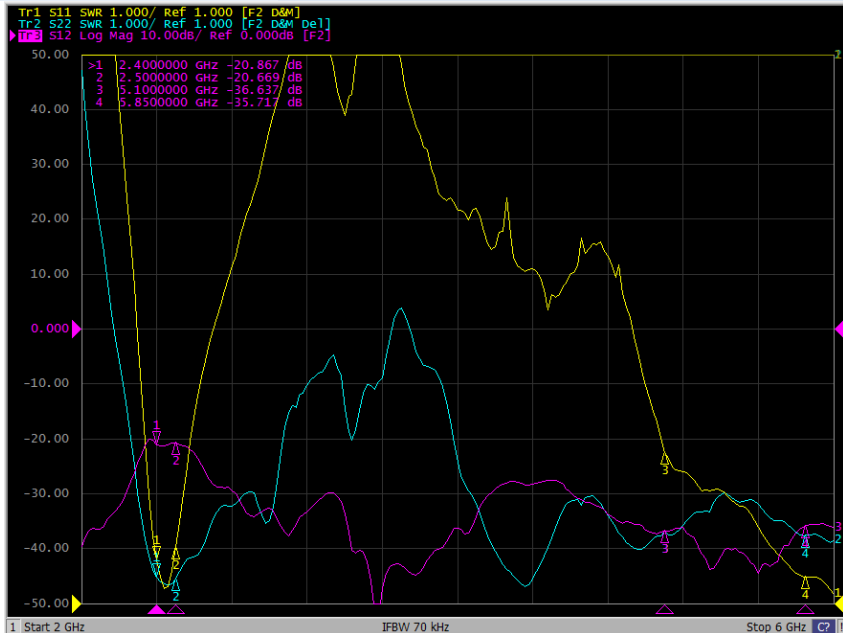
2.4G S12 : -38dB
5G S12 : -38dB



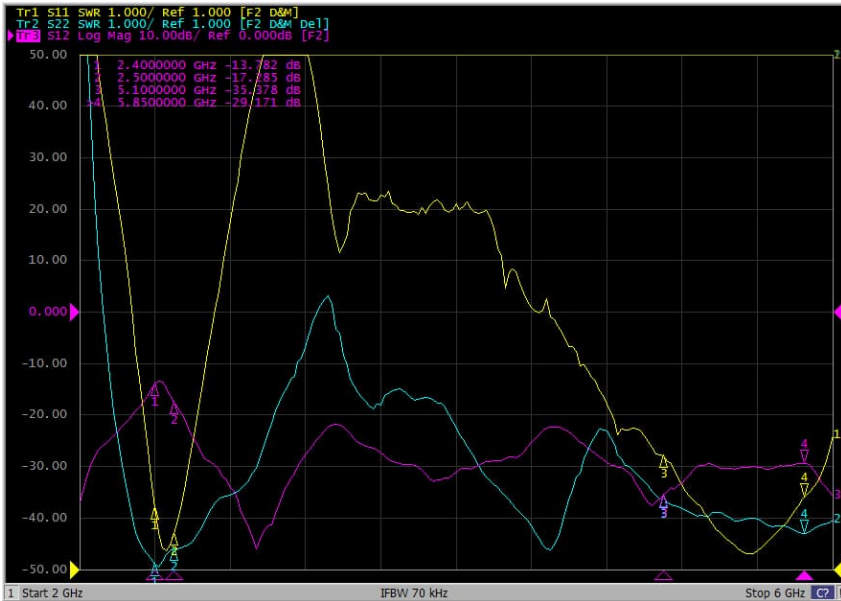
2.4G S12 : -16dB
5G S12 : -18dB



2.4G S12 : -20dB
5G S12 : -36dB



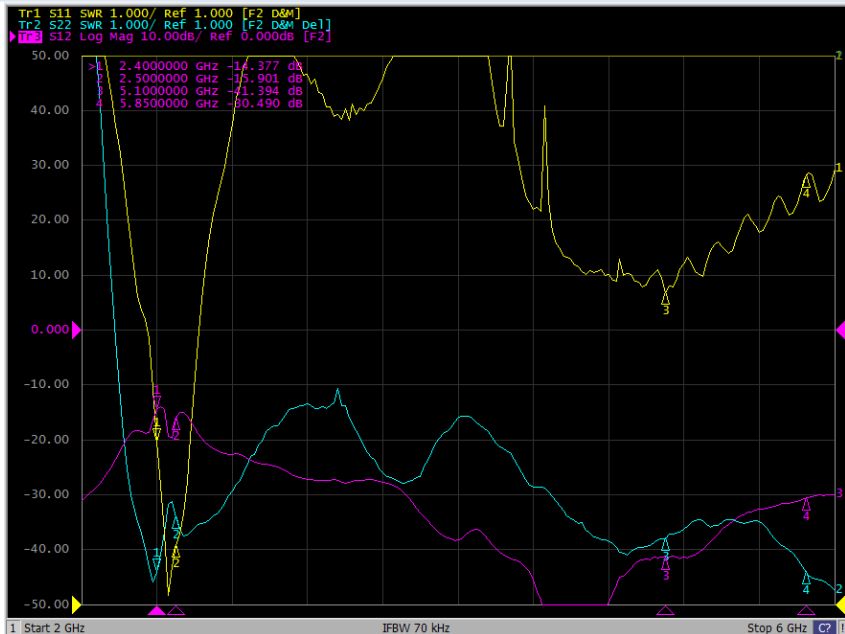
2.4G S12 : -17dB
5G S12 : -35dB





Isolation WIFI1 ANT BT

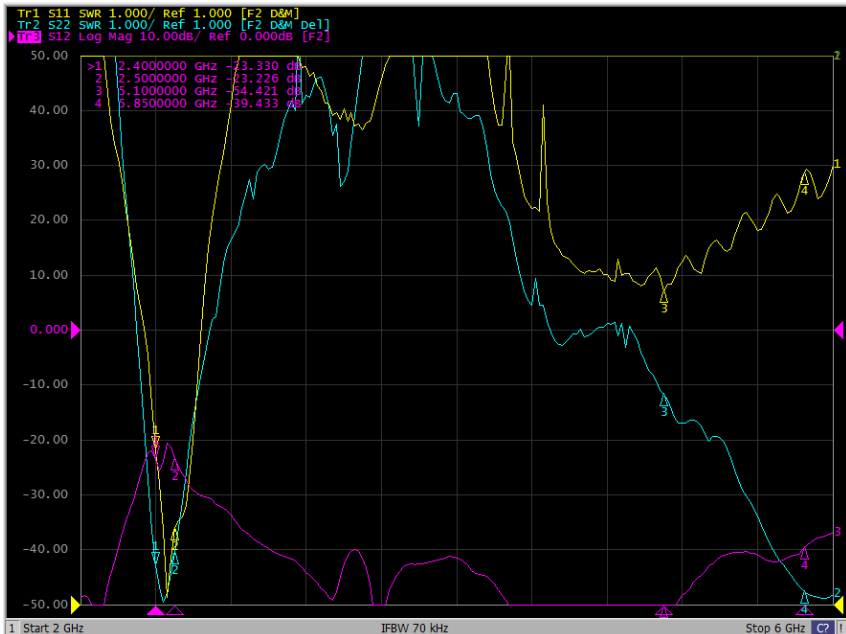
2.4G S12 : -15dB
5G S12 : -41dB





Isolation WIFI2 ANT BT

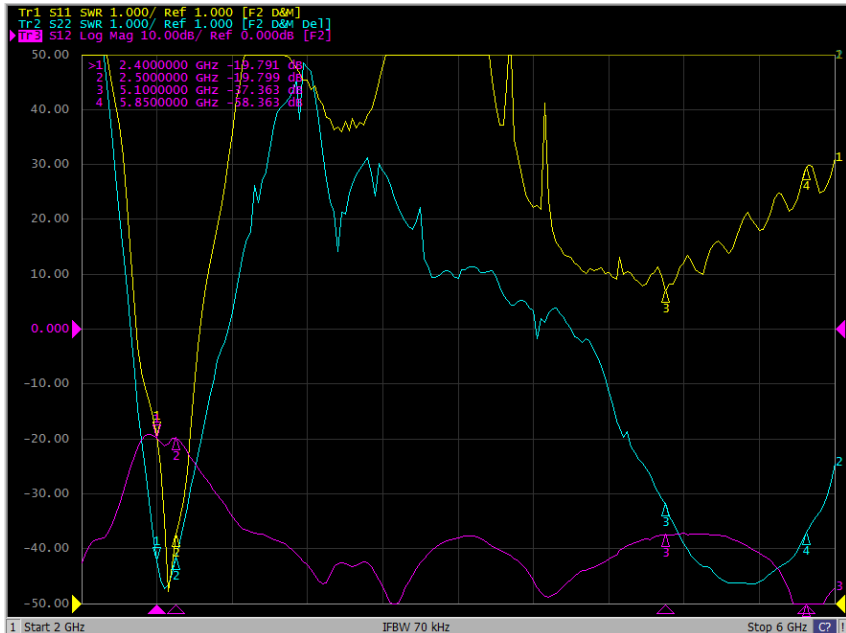
2.4G S12 : -23dB
5G S12 : -39dB





Isolation WIFI3 ANT BT

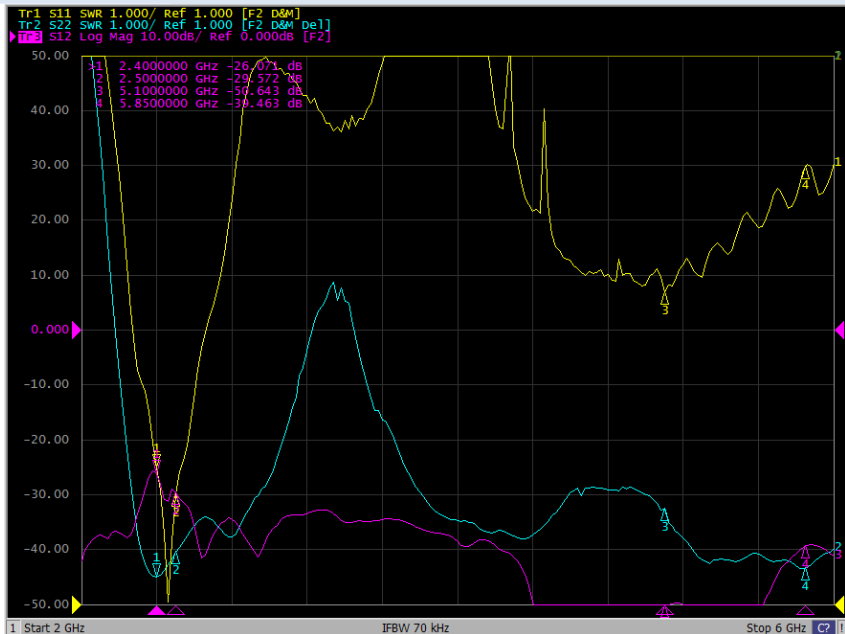
2.4G S12 : -19dB
5G S12 : -37dB





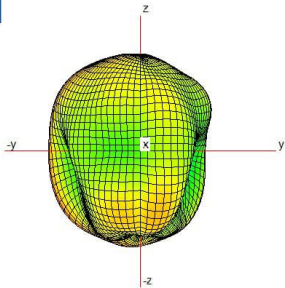
Isolation WIFI4 ANT BT

2.4G S12 : -29dB
5G S12 : -39dB

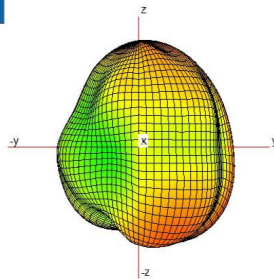
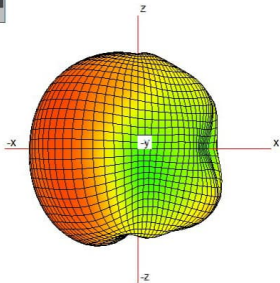
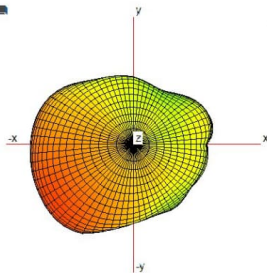




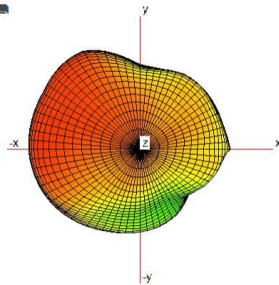
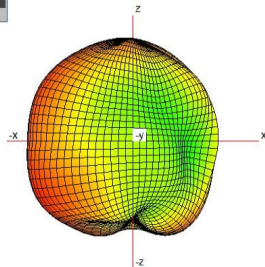
WiFi1 Radiation Map



2.4G



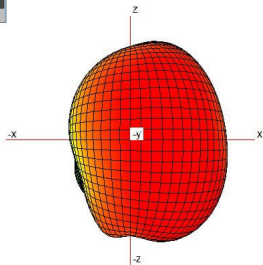
5G



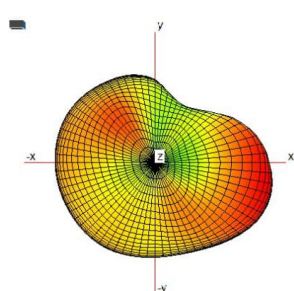
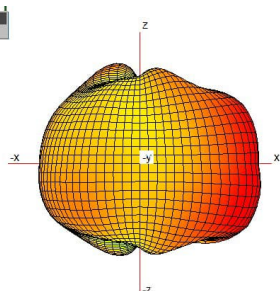
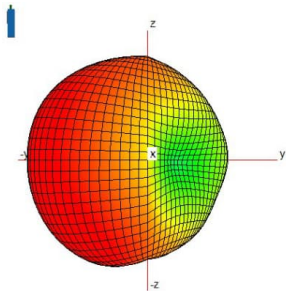
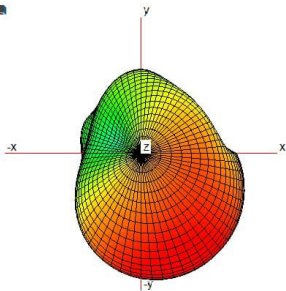
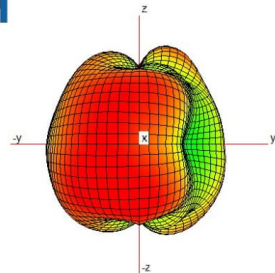


WIFI2 RADIATION MAP

2.4G

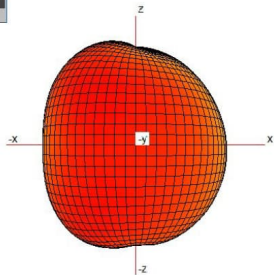


5G

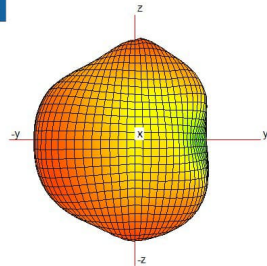




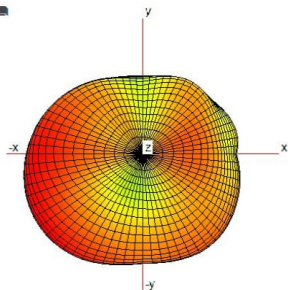
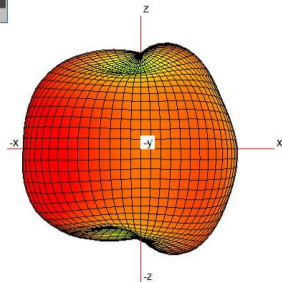
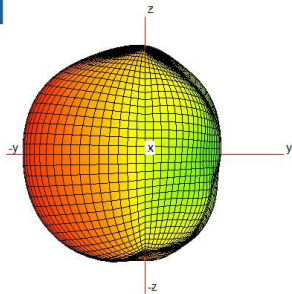
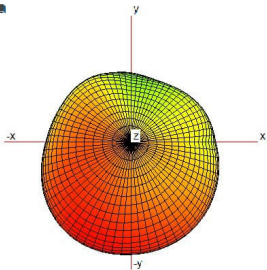
WiFi1 Radiation Map



2.4G



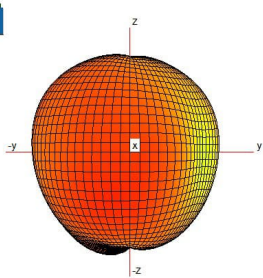
5G



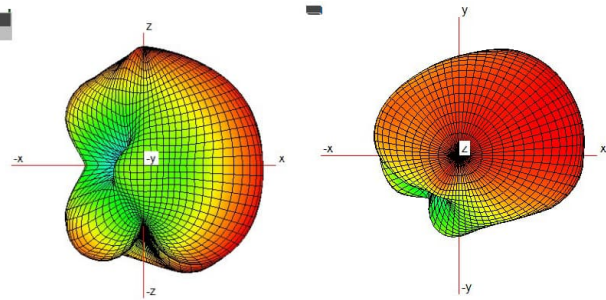
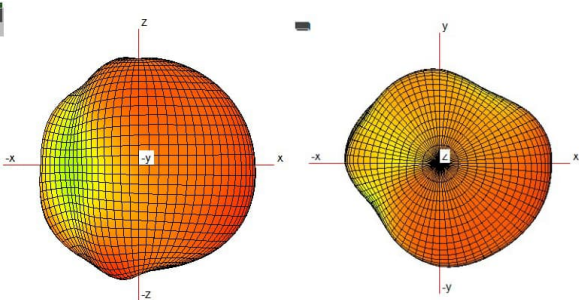
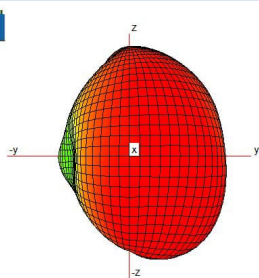


WIFI4 RADIATION PATTERN

2.4G



5G





BT radiation pattern

2.4G

