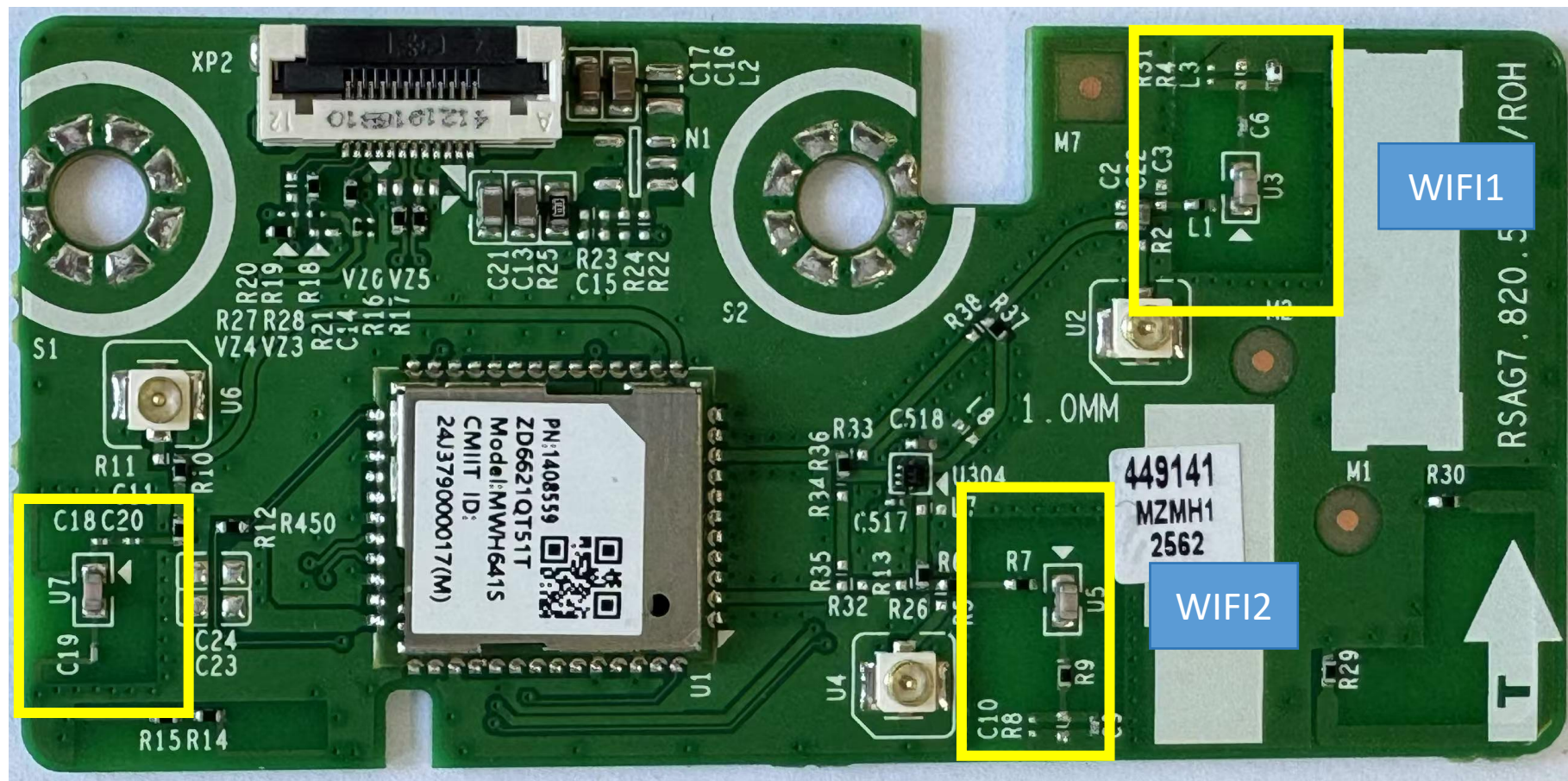




测 试 报 告

客户			
客户	海信		
射频		结构	
公司地址			
汉阳天线			
射频	胡和林 15294975644	结构	陈煜 18320902535
审核	刘杨 15919810532	业务	
公司地址	深圳市宝安区前进二路宝运达物流信息大厦12A11 电话/传真：0755-23069700		
项目信息			
项目名称		机型	
天线类型	PCB	方案公司	
天线制式		日期	2025-6-17
备注：			



WiFi1 C22改为0欧姆, L1改为1.8nH, L3改为0欧姆, R4和R31都NC

WiFi2 C9改为0.8pF

BT C18改为0.5pF

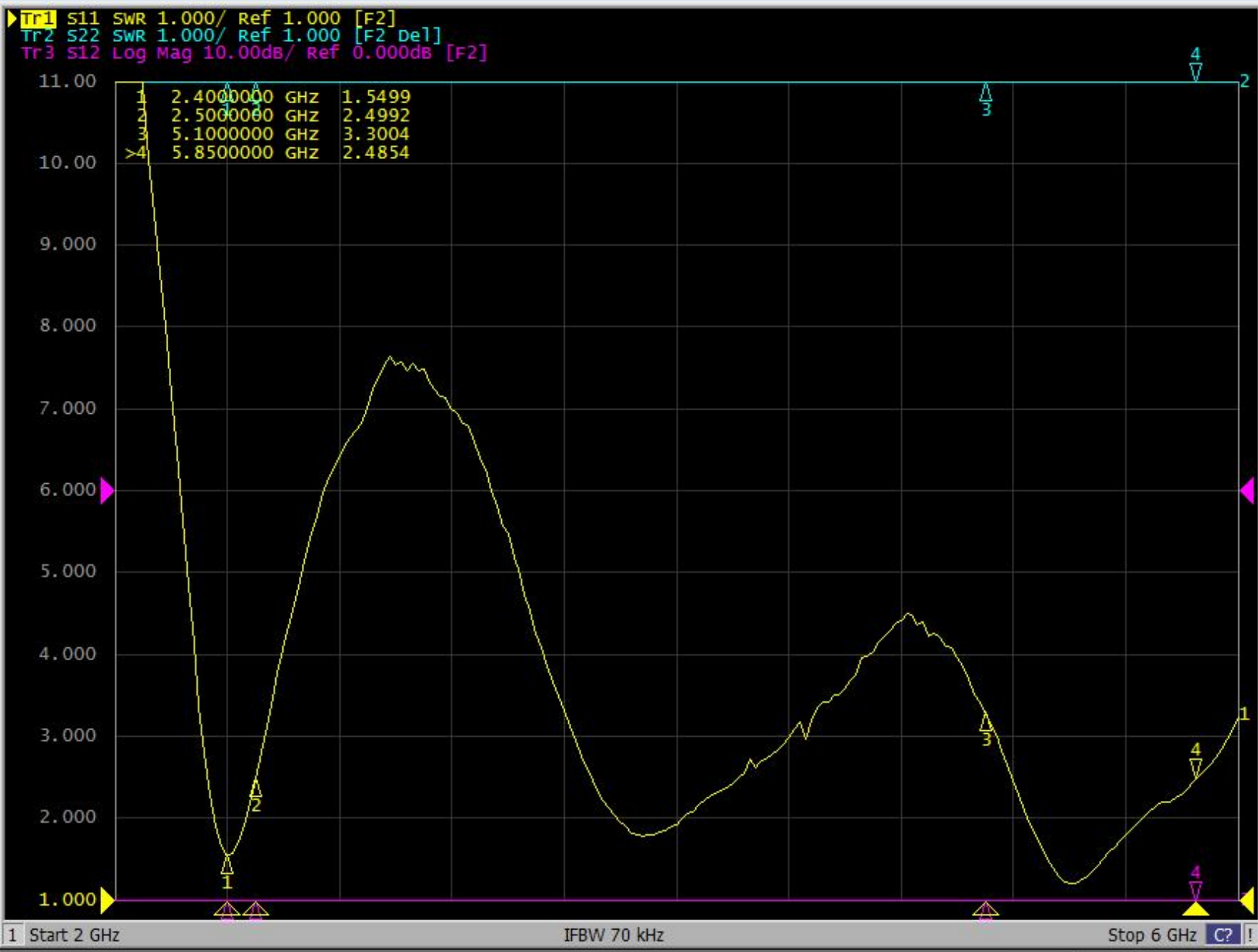
WiFi1	CH	Gain/dBi	Efficiency/%
2.4G	L	0.75	49.03
	M	0.45	44.14
	H	0.09	42.18
5G	L	1.89	50.13
	M	2.34	47.04
	H	1.96	48.39

WiFi2	CH	Gain/dBi	Efficiency/%
2.4G	L	0.15	37.68
	M	0.46	40.2
	H	0.5	42.11
5G	L	2.47	49.71
	M	2.28	50.92
	H	2.62	55.47

BT	CH	Gain/dBi	Efficiency/%
2.4G	L	-1.91	31.26
	M	-1.68	34.1
	H	-1.29	36.96

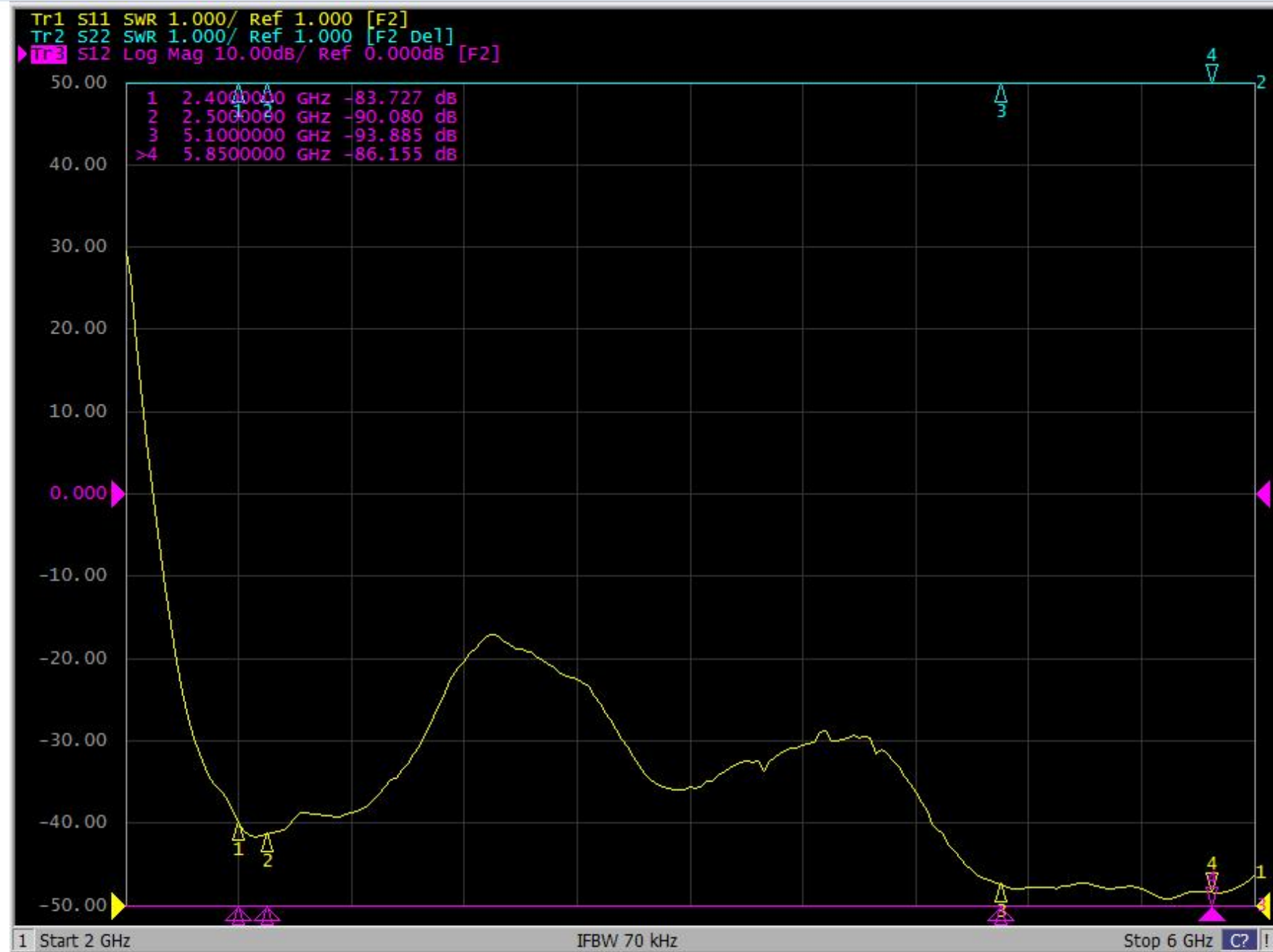


VSWR WIFI1





VSWR WIFI2

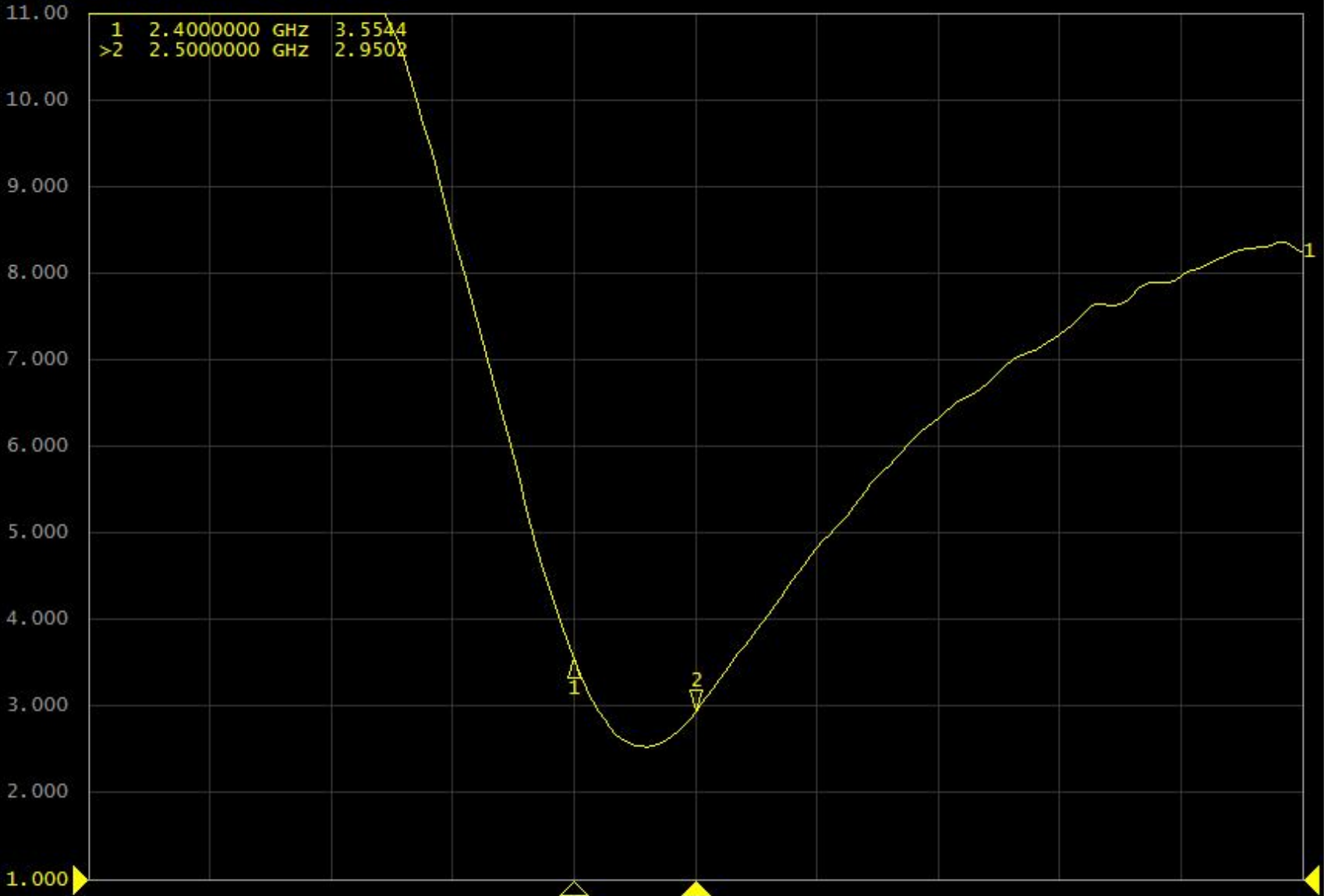




Marker 2 2.500000000 GHz



► Tr1 S11 SWR 1.000/ Ref 1.000 [F2]



1 Start 2 GHz

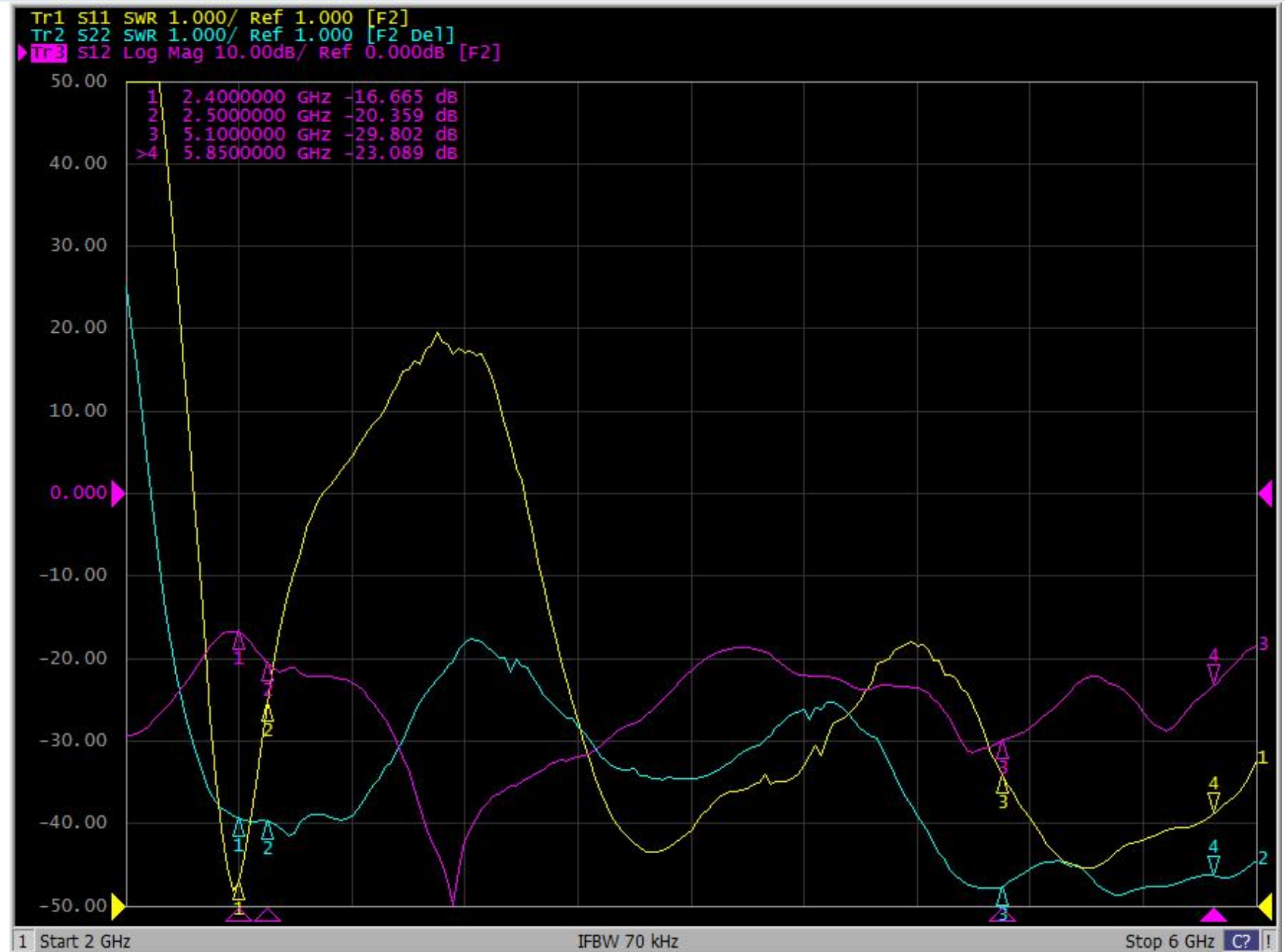
IFBW 70 kHz

Stop 3 GHz C? !



隔离度 *WIFI1 ANT WIFI2*

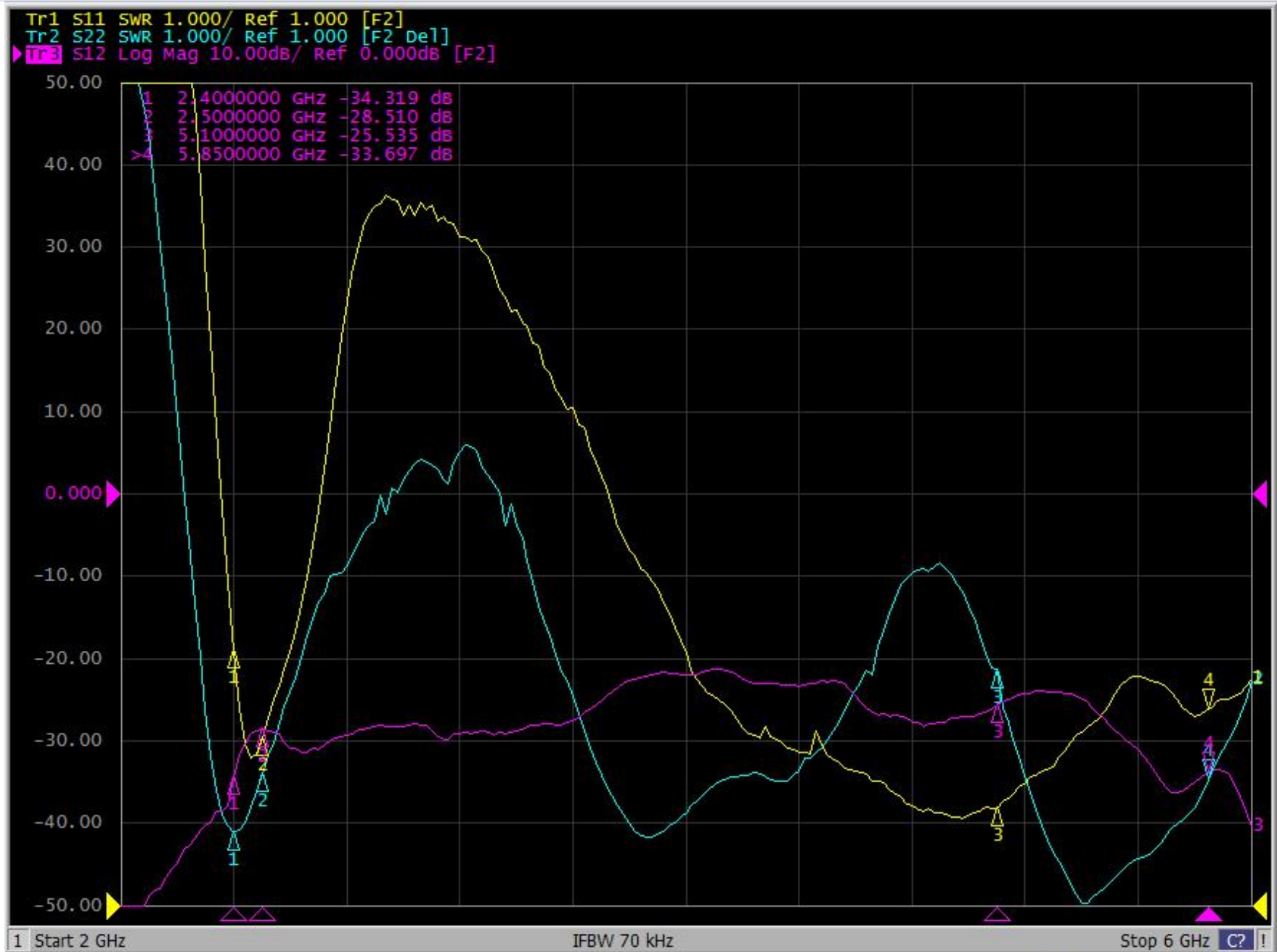
2.4G S12 : -20dB
5G S12 : -29dB





隔离度 **WIFI1 ANT BT**

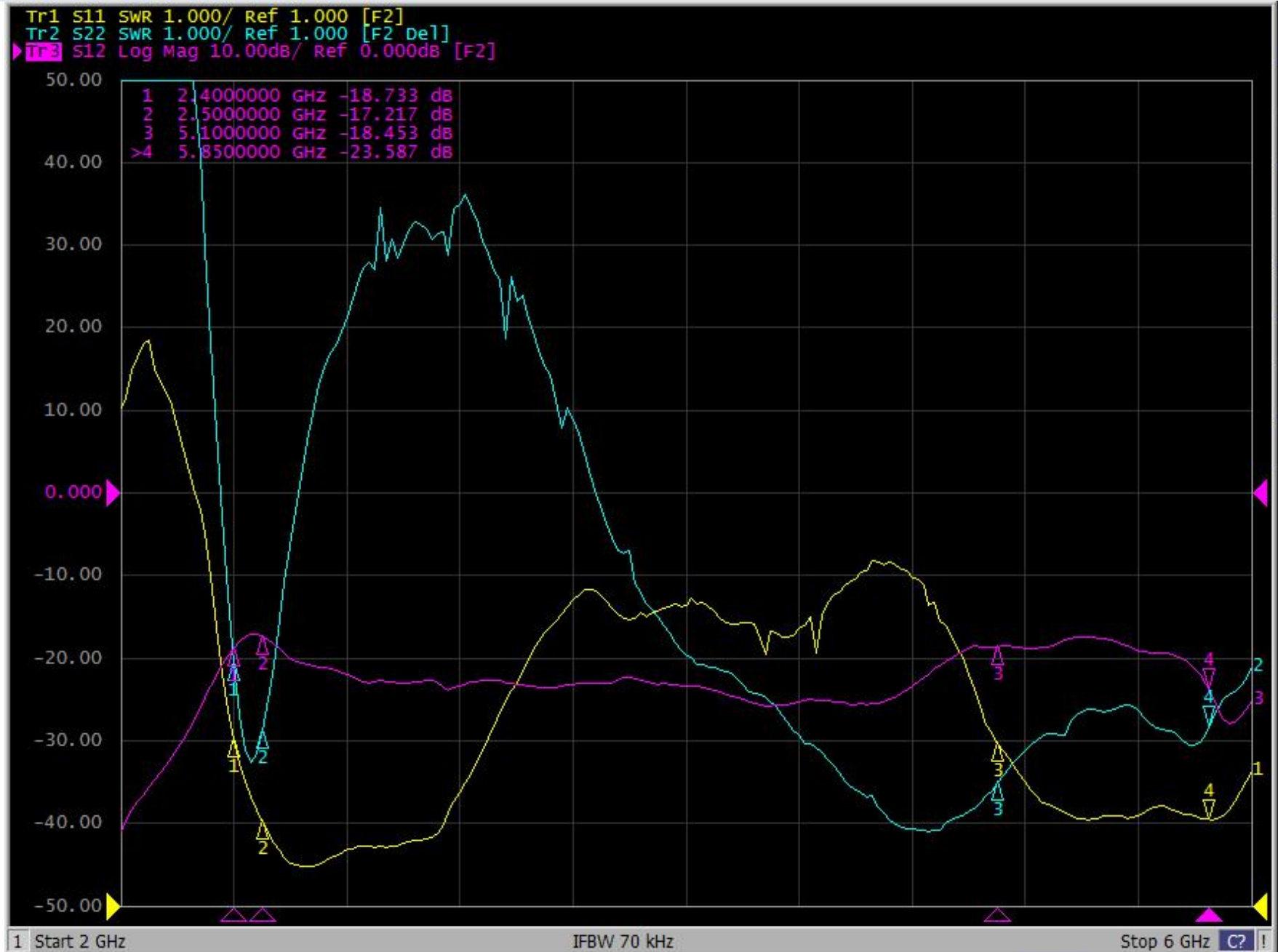
2.4G S12 : -34dB
5G S12 : -33dB





隔离度 **WIFI2 ANT BT**

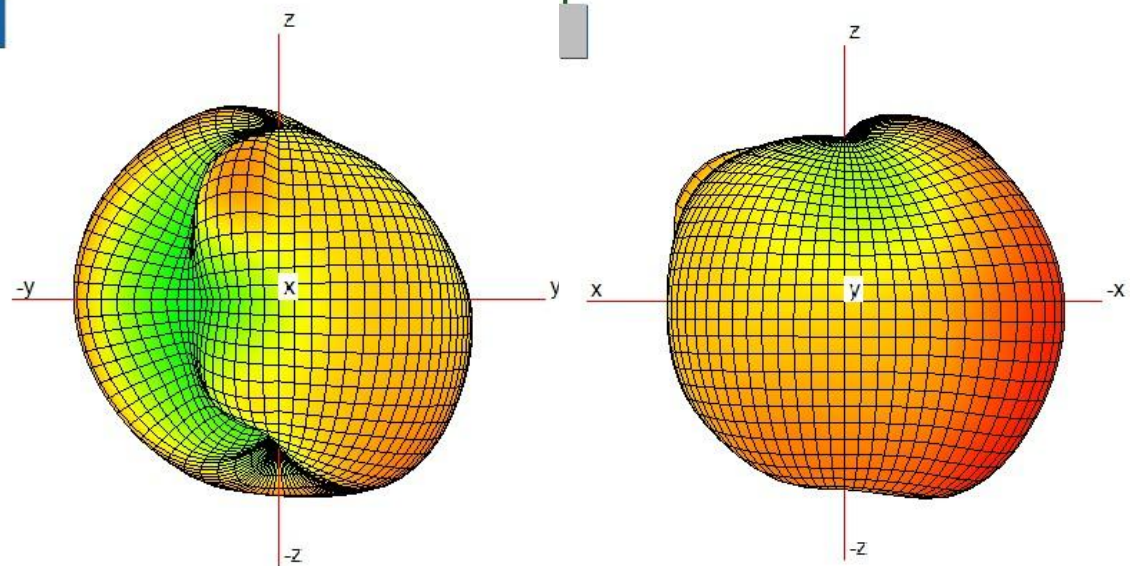
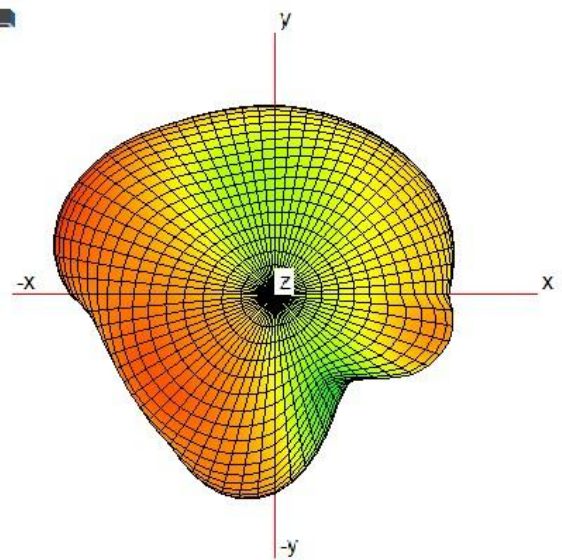
2.4G S12 : -18dB
5G S12 : -23dB



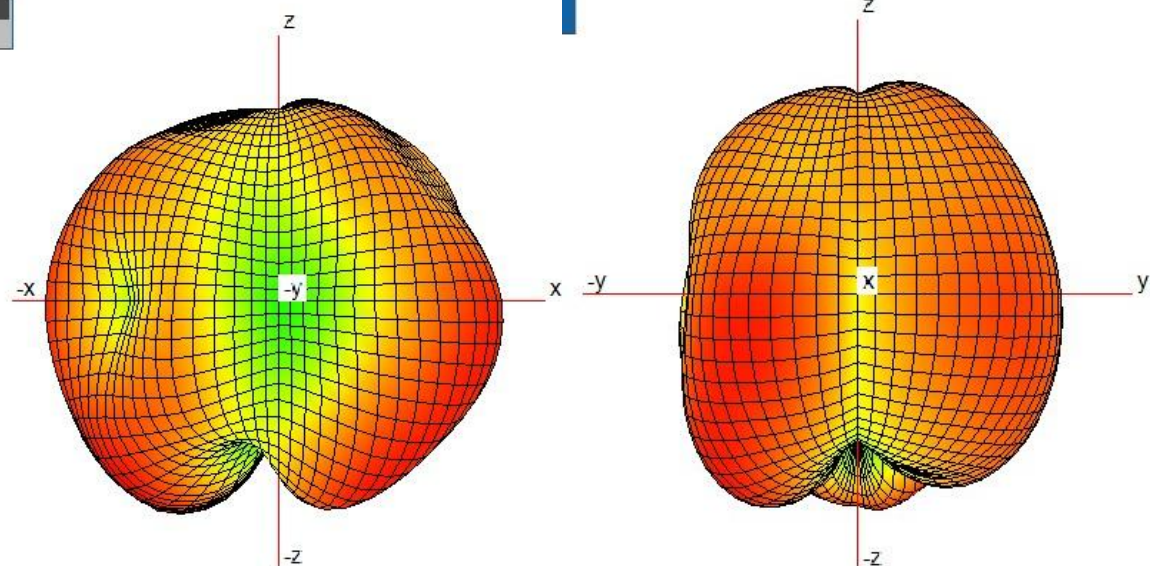
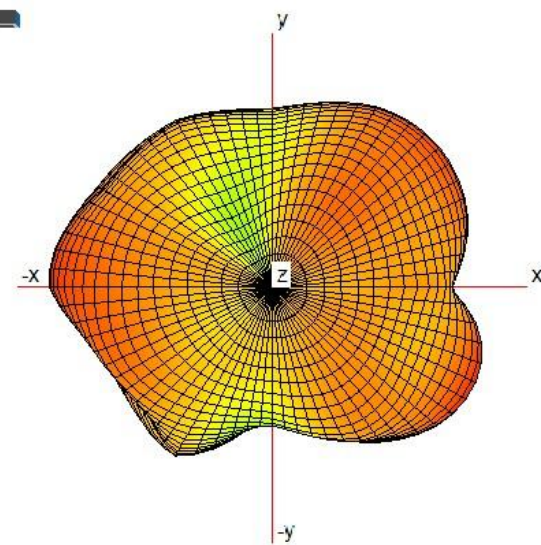


WIFI1 辐射图

2.4G

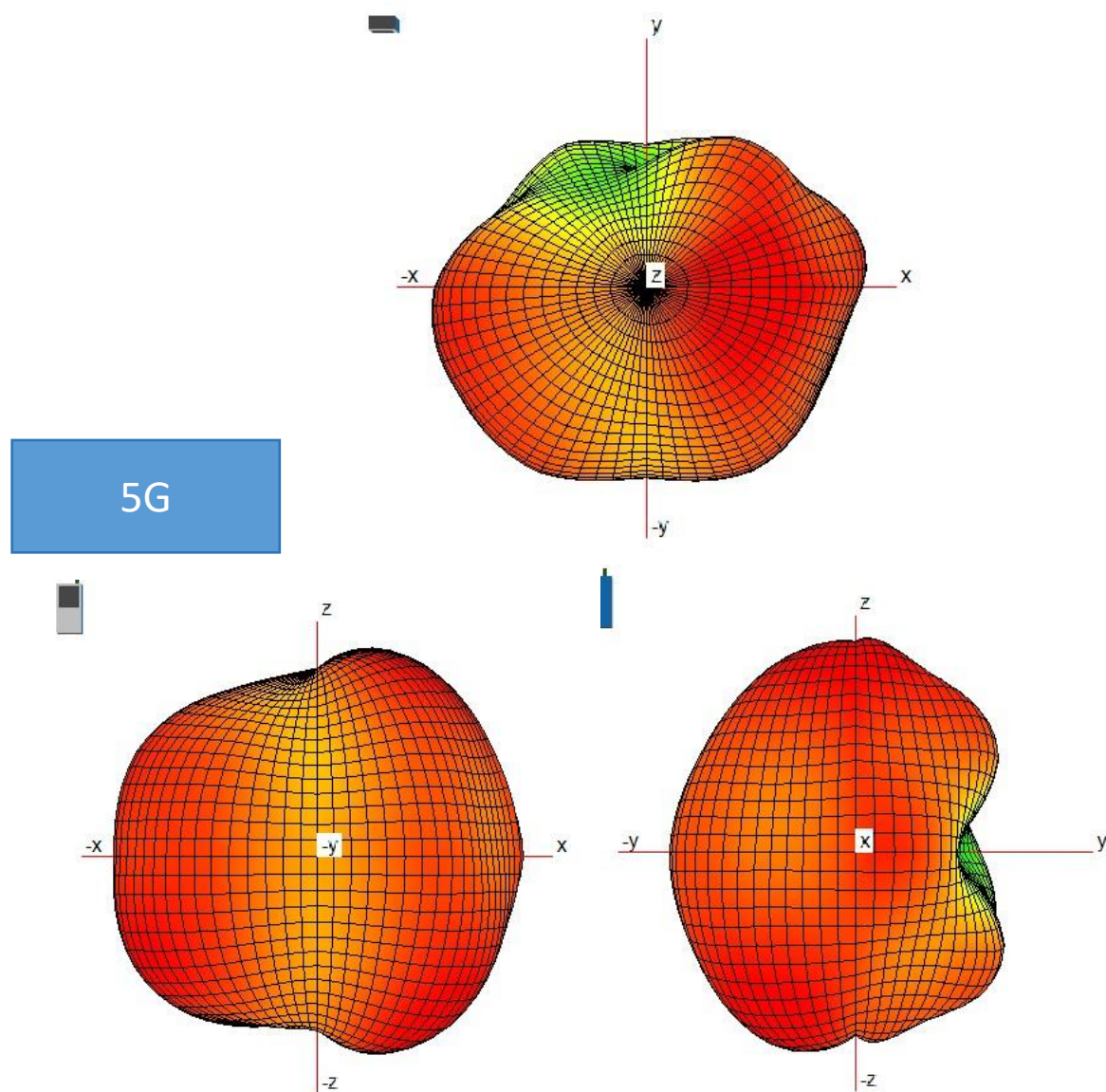
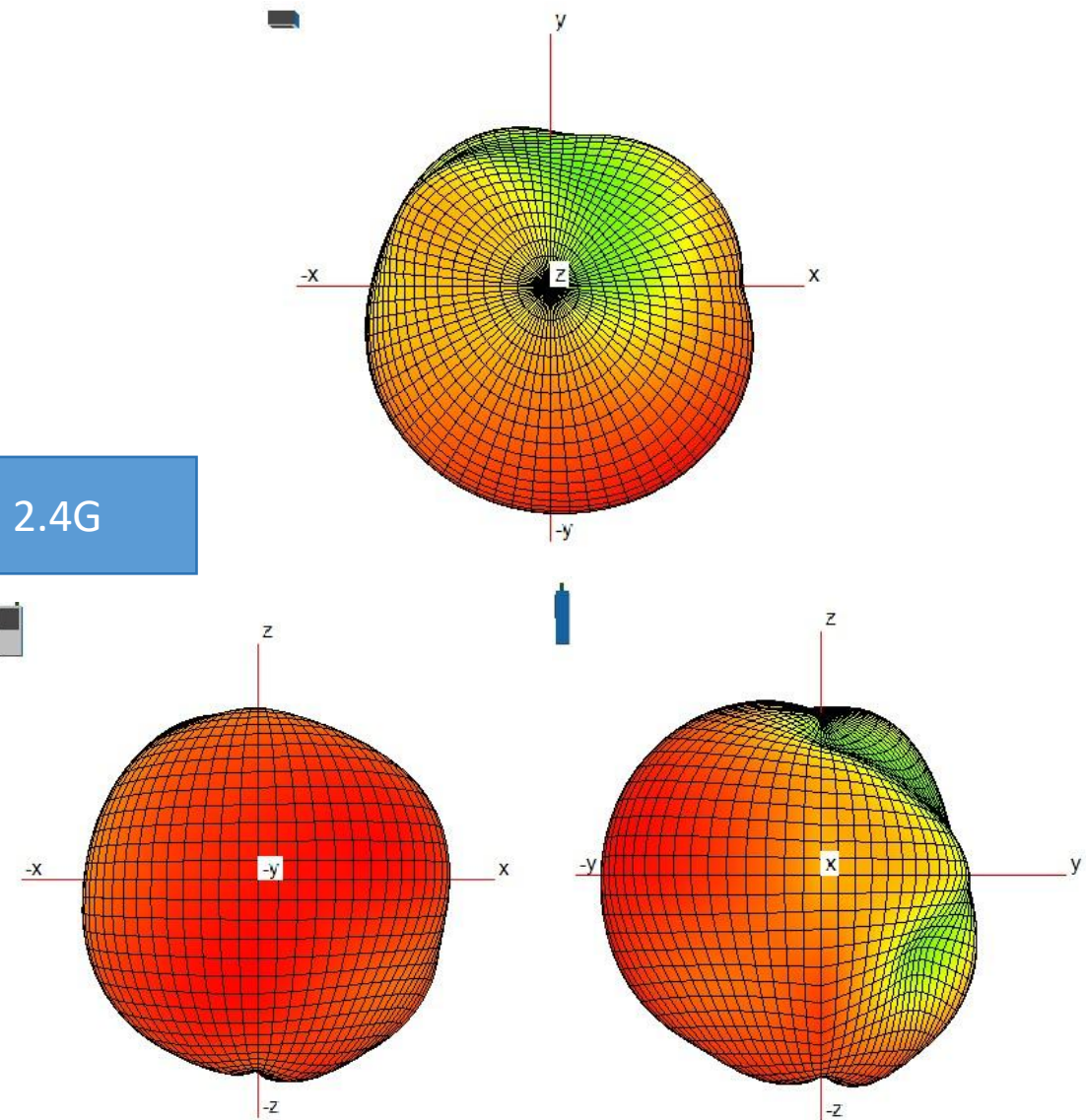


5G





WIFI2 辐射图





2.4G

