

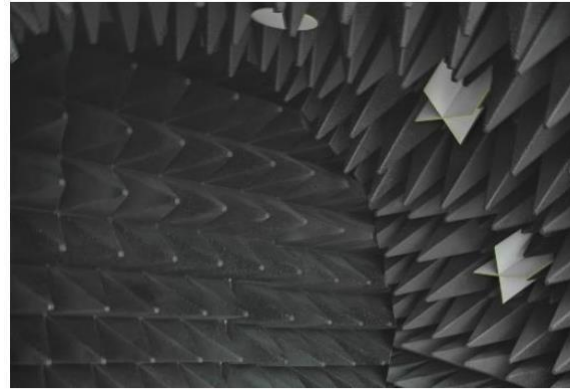
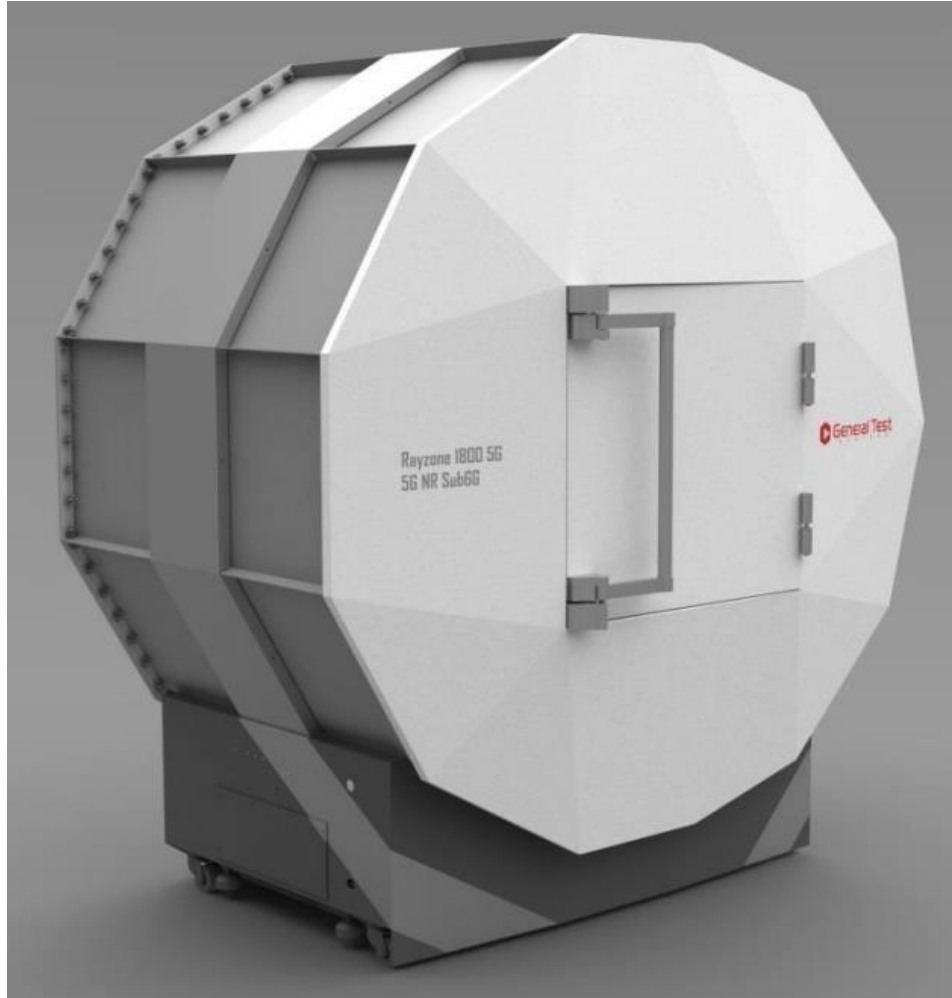
**Customer : Mindray**  
**Passive antenna test report**

**Project : 3701**

**Date: 2024.1.18**

---

# Test Environment

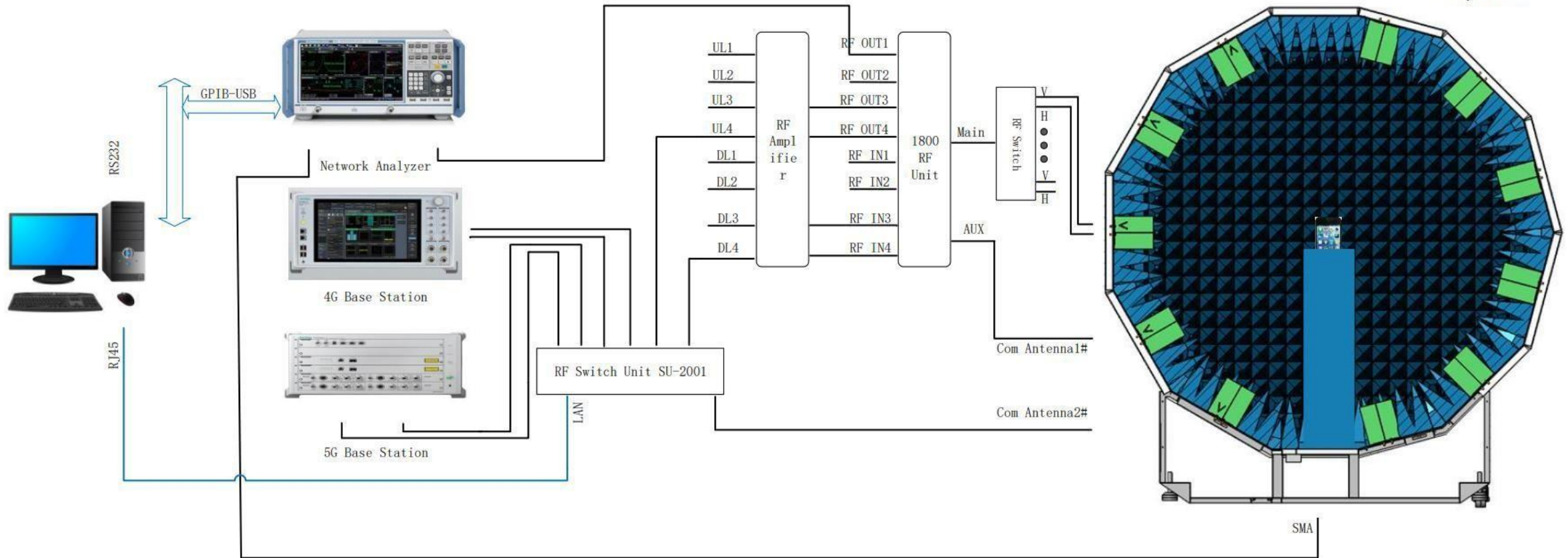


# Test Principle



## RayZone1800 Test Setup

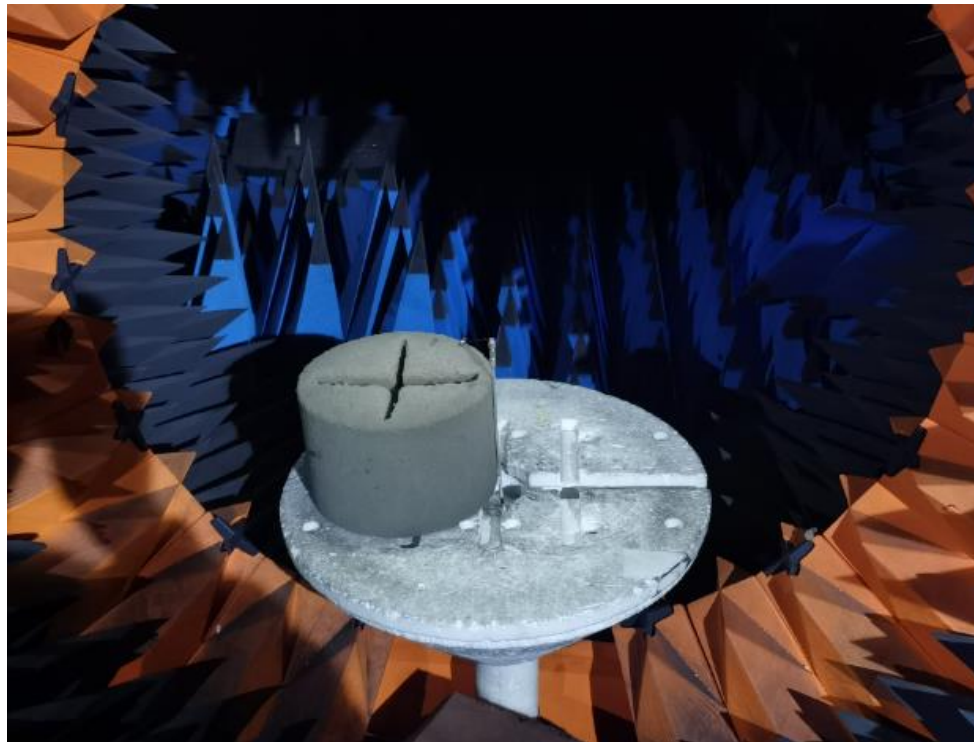
Anechoic Chamber  
GTS RayZone1800



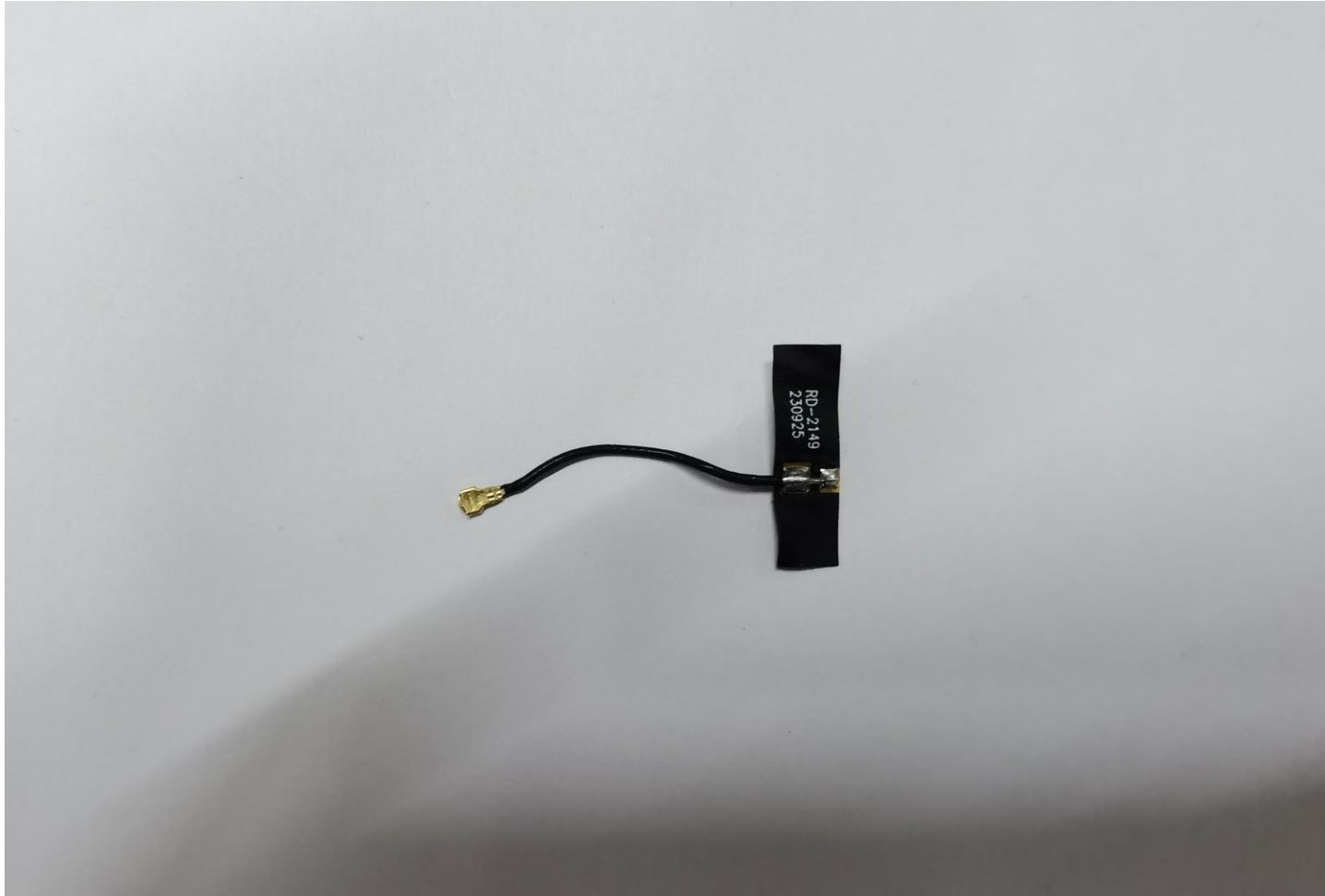


Project	3701	
Antenna Engineer	Guan Wei	
Contact information	18665886511	
Report version and date	V1.0	2014/1/16
Test equipment	SATIMO SG24/SL16	
Test status	Prototype type	
	Antenna form	FPC

## Test photos



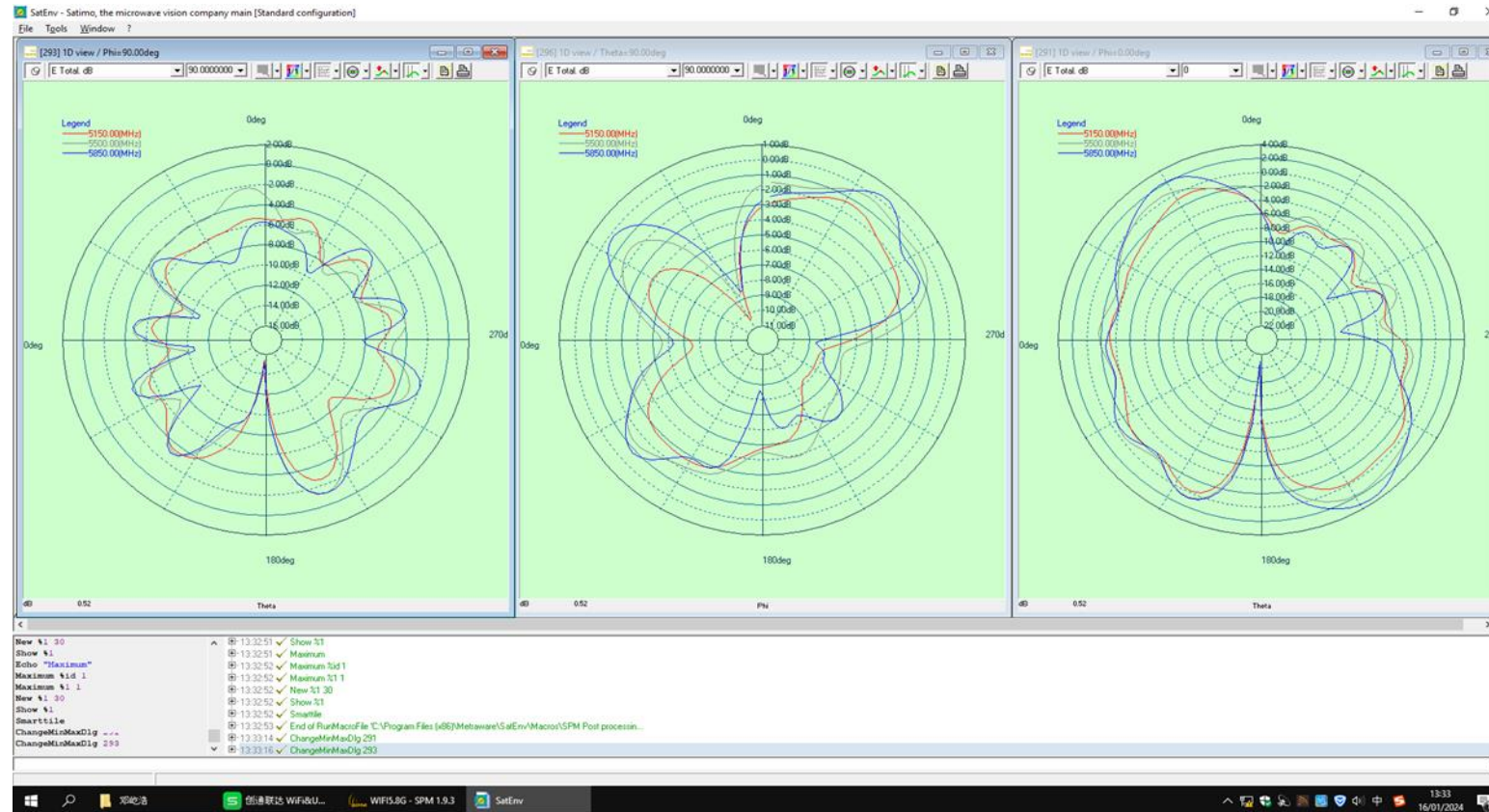
## Physical photos





f(MHz)	E (%)	E (DB)	G (DB)
5150	42%	-3.77	0.86
5200	46%	-3.36	1.37
5250	48%	-3.19	1.61
5300	50%	-3.00	1.78
5350	53%	-2.79	2.01
5400	56%	-2.52	2.32
5450	60%	-2.25	2.67
5500	57%	-2.42	2.46
5550	61%	-2.17	2.78
5600	60%	-2.24	2.72
5650	61%	-2.12	3.03
5700	61%	-2.15	3.22
5750	63%	-2.00	3.51
5800	64%	-1.91	3.65
5850	61%	-2.13	3.46

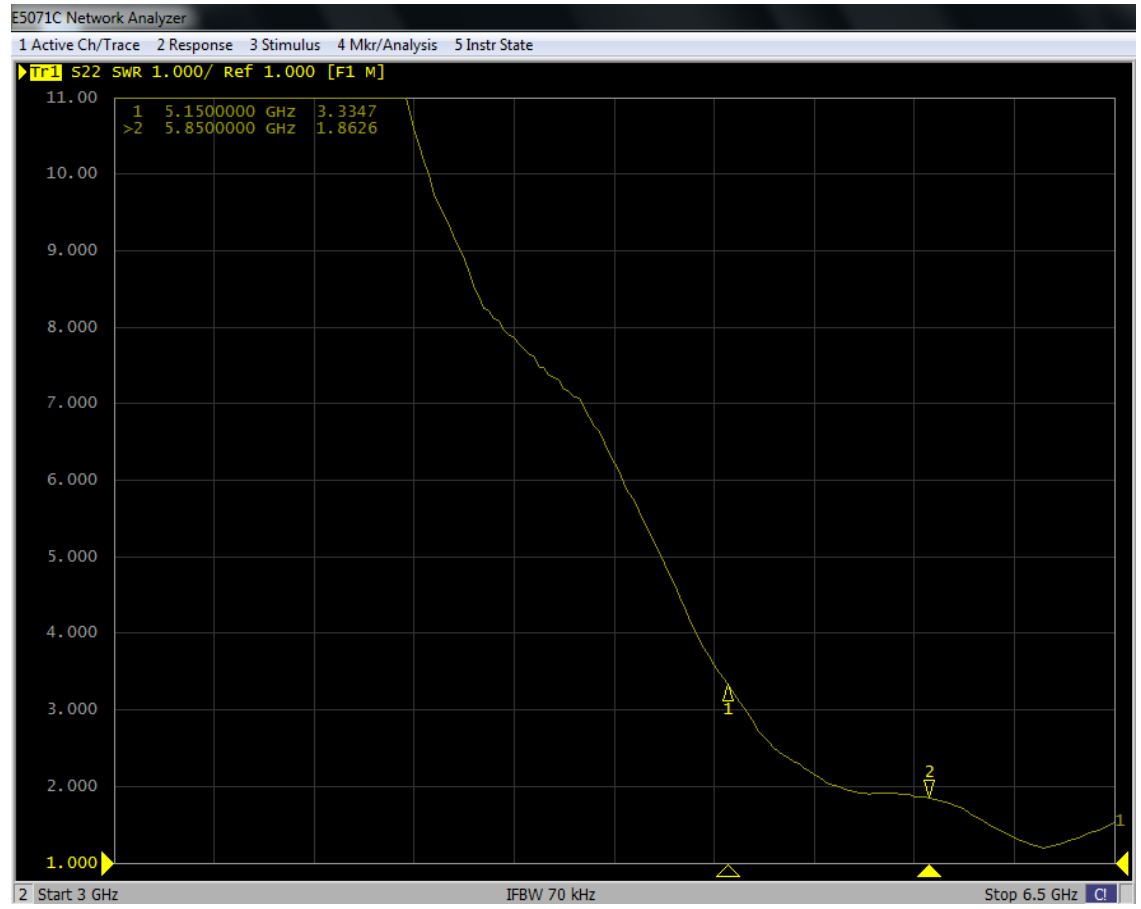
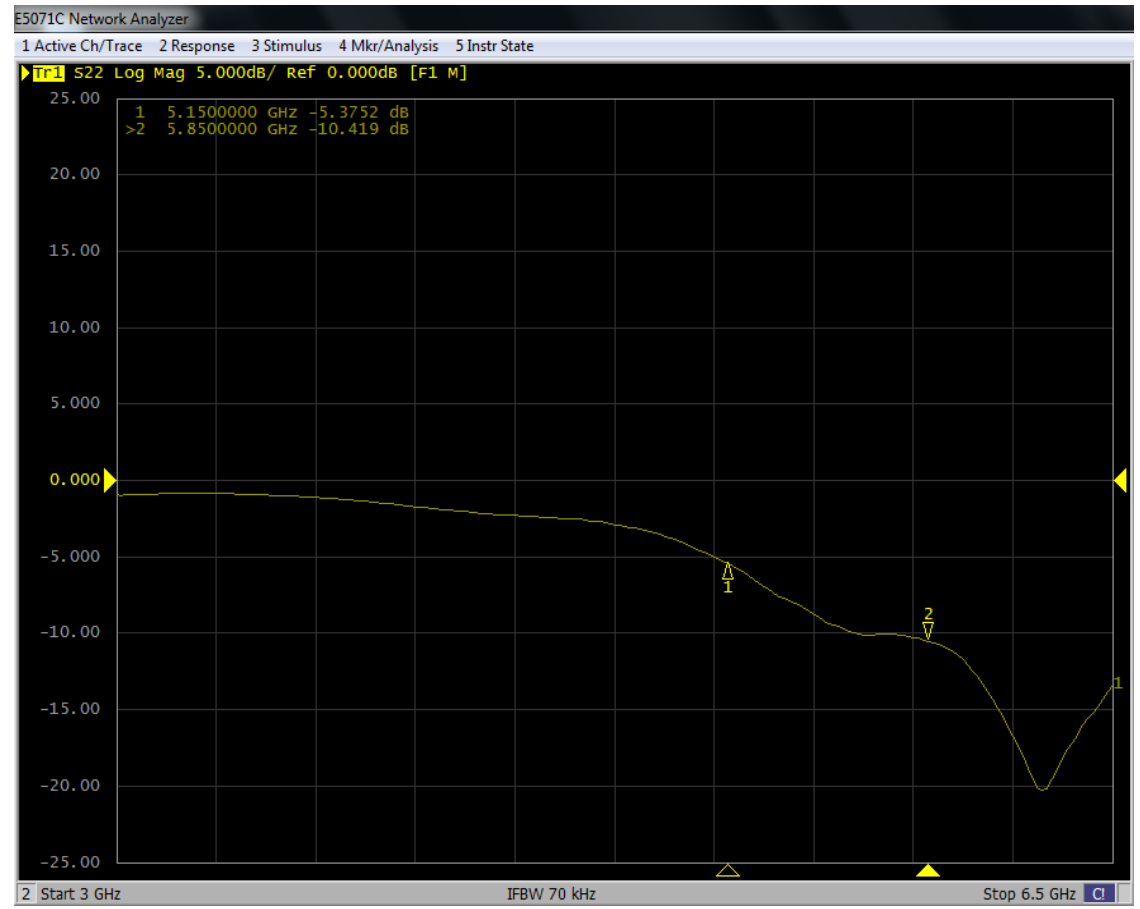
# WiFi-5G Frequency band-Directional diagram



# WiFi-5G Frequency band-S11/SWR



Testing equipment: VNA (Agilent E5071C)

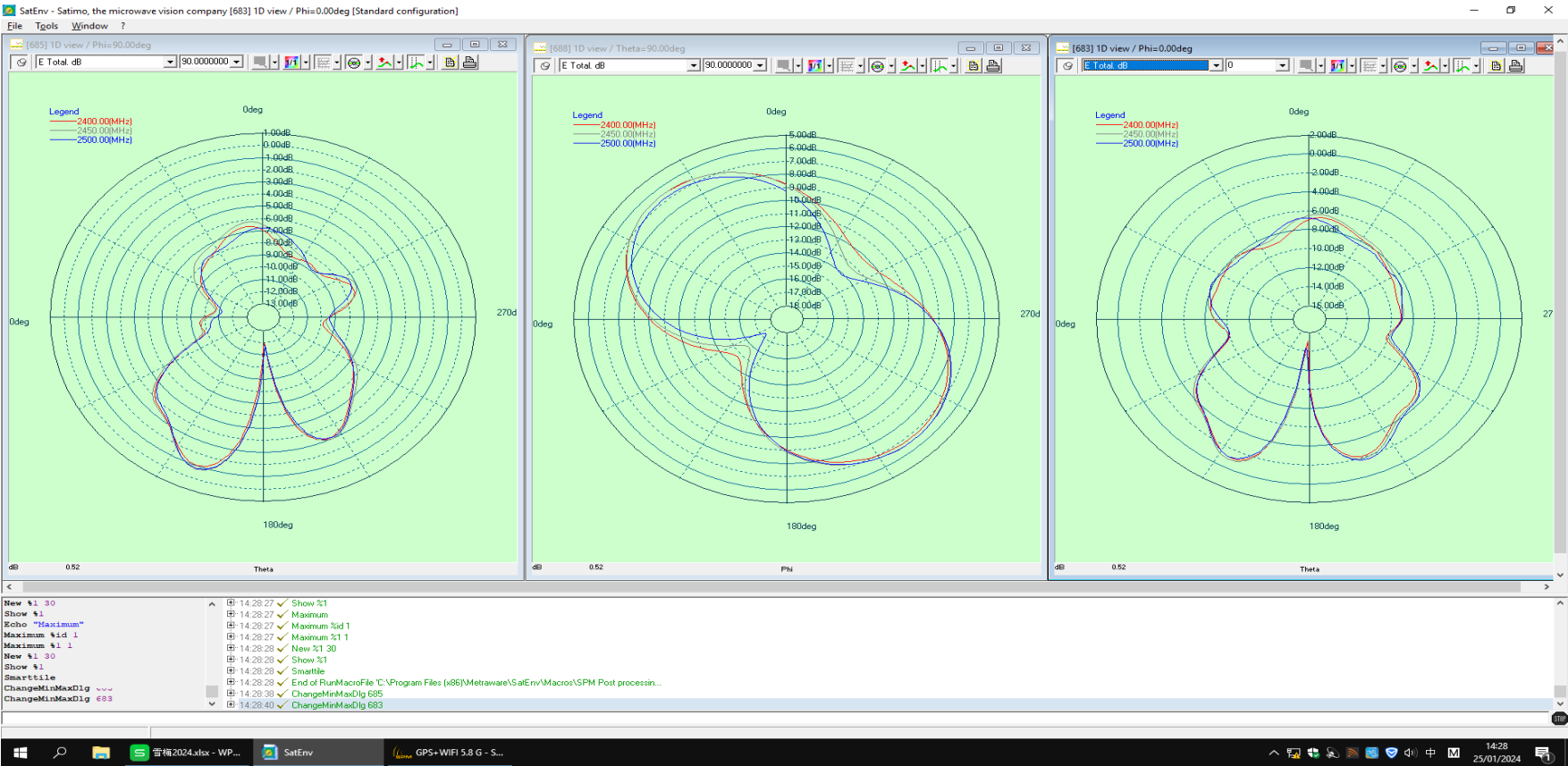






f(MHz)	E (%)	E (DB)	G (DB)
2400000000	21%	-6.83	-0.75
2410000000	22%	-6.65	-0.71
2420000000	22%	-6.64	-0.67
2430000000	22%	-6.63	-0.65
2440000000	22%	-6.55	-0.62
2450000000	22%	-6.57	-0.54
2460000000	22%	-6.65	-0.67
2470000000	22%	-6.62	-0.49
2480000000	22%	-6.65	-0.64
2490000000	21%	-6.80	-0.76
2500000000	21%	-6.75	-0.75

# WiFi-2.4G Frequency band-Directional diagram



# WiFi-2.4G Frequency band-S11/SWR



Testing equipment: VNA (Agilent E5071C)

