

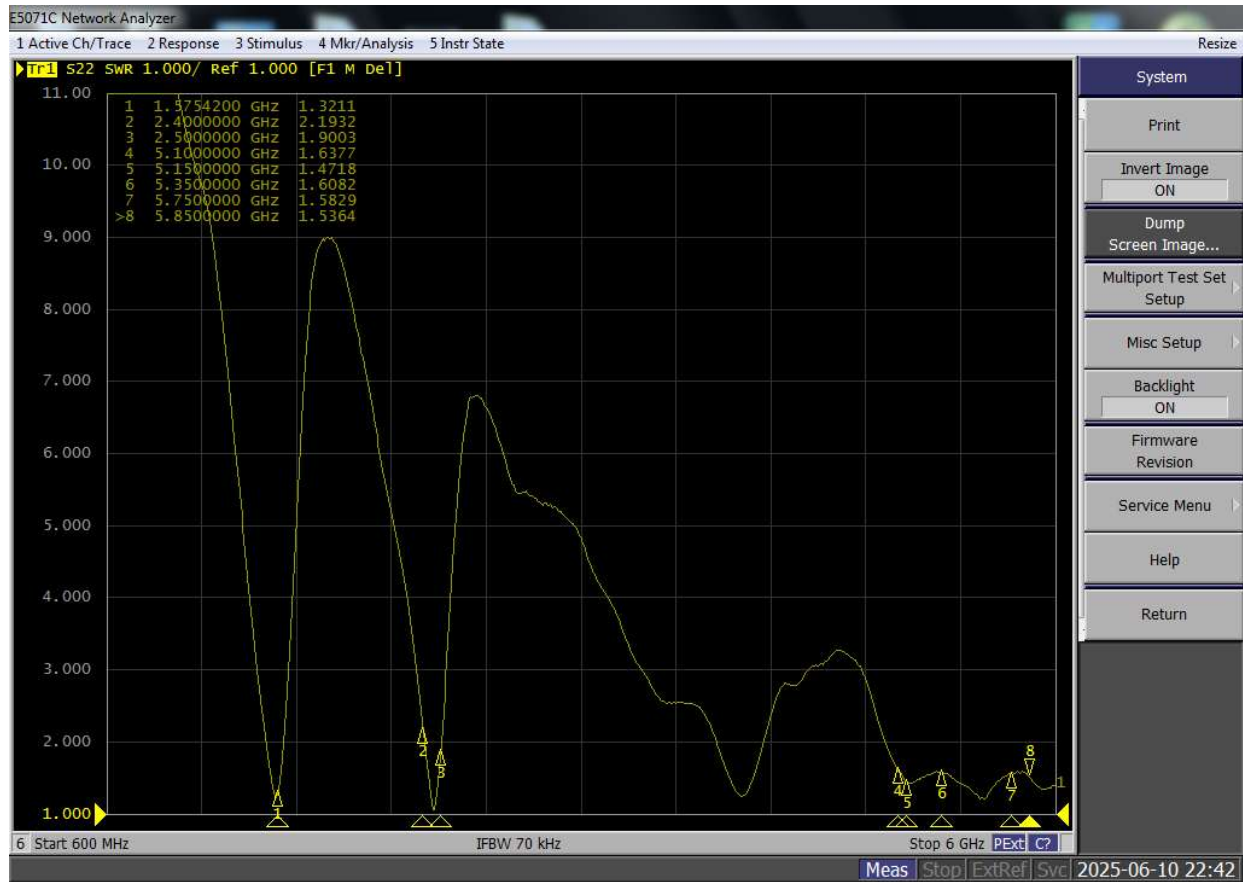
Antenna Specification

Brand	vivo	Model name	V2543
data	2026/02/28	Software version	PD2533F_EX_A_16.0 . 6. 14. W30. V000L1

1、Test

1.1 VSWR test

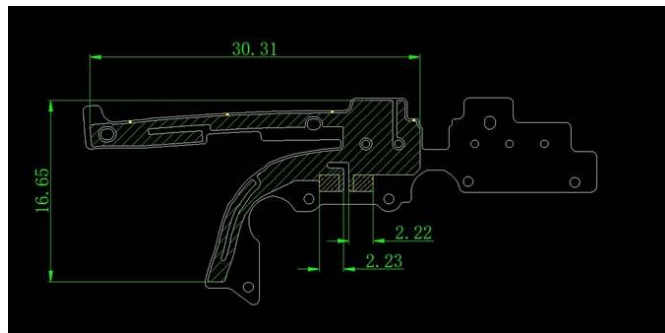
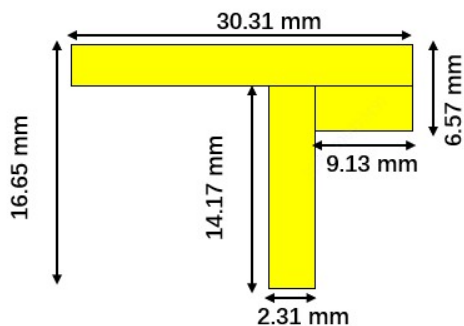
1.1.1 VSWR



Picture one: VSWR

1.2 BT/wifi/GPS antenna Gain test

BT/wifi/GPS antenna specification



Picture two: Antenna illustration

- Model name (P/N) : Ant 22#

-Antenna Type : PIFA

-Antenna Manufacturer : Kunshan Innwave Communication Technology Co., Ltd.

Manufacturer Address : Building H, No. 55 Shengchuang Road, Yushan Town,
Kunshan City, Jiangsu Province, PR China

Gain value is measured by chenbing

Gain Value is measured in active call & Antenna selection.

Antenna gain is measured in ETS Chamber.

Test Equipment list

Description	Manufacturer	Model	Cal Due
Passive test equipment	Keysight	E5071C	2025/8/18

1.2.1 test set up (SATIMO)



Picture three: set up

1.2.2 test result

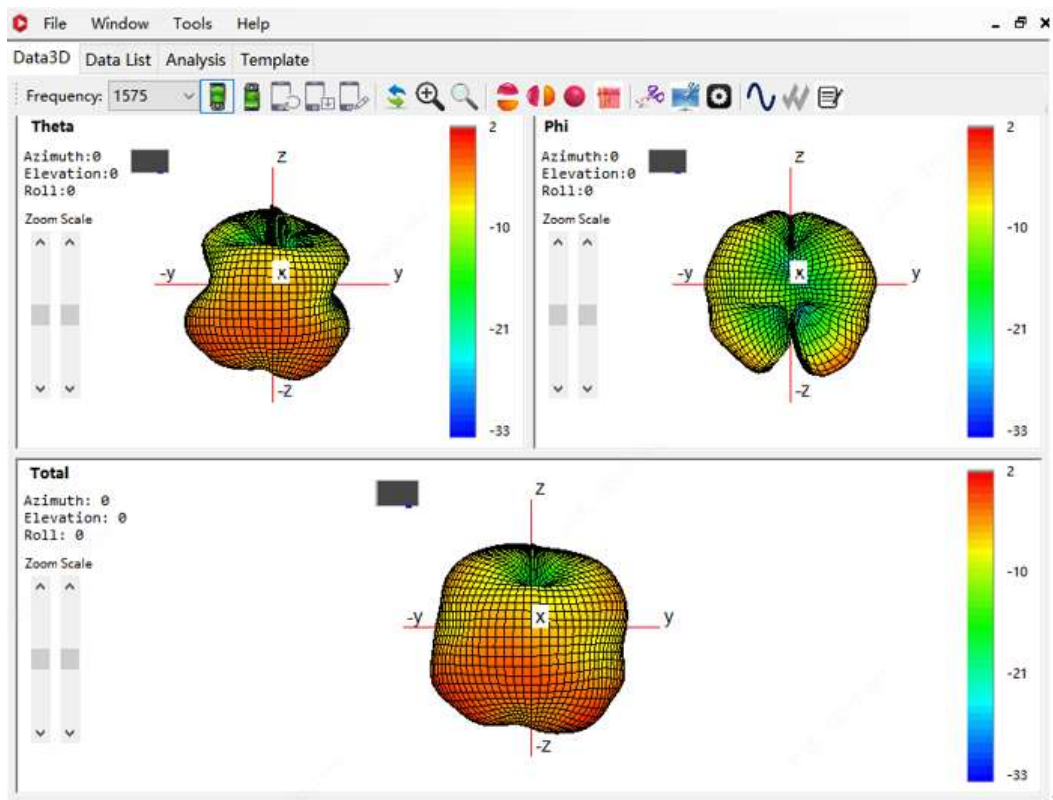
Frequency (MHz)	Gain (dBi)
1500	-3.8
1510	-3.1
1520	-2.5
1530	-1.9
1540	-1.8
1550	-1.6
1560	-1.4
1570	-1.5
1580	-1.7
1590	-1.9
1600	-2.1
2400	-1.1
2410	-0.9
2420	-0.8

2430	-0.6
2440	-0.4
2450	-0.1
2460	0.1
2470	0.2
2480	0.2
2490	0.1
2500	0.1
5150	-2.3
5160	-2.2
5170	-2.3
5180	-2.3
5190	-2.0
5200	-2.1
5210	-2.4
5220	-2.3
5230	-2.5
5240	-2.6
5250	-2.4
5260	-2.4
5270	-2.3
5280	-2.3
5290	-2.1
5300	-2.1
5310	-2.1
5320	-2.4
5330	-2.6
5340	-2.7
5350	-2.7
5500	1.3
5510	1.4
5520	1.4
5530	1.5
5540	1.6
5550	1.6
5560	1.6
5570	1.6
5580	1.4
5590	1.4
5600	1.3
5610	1.2
5620	0.9
5630	0.8

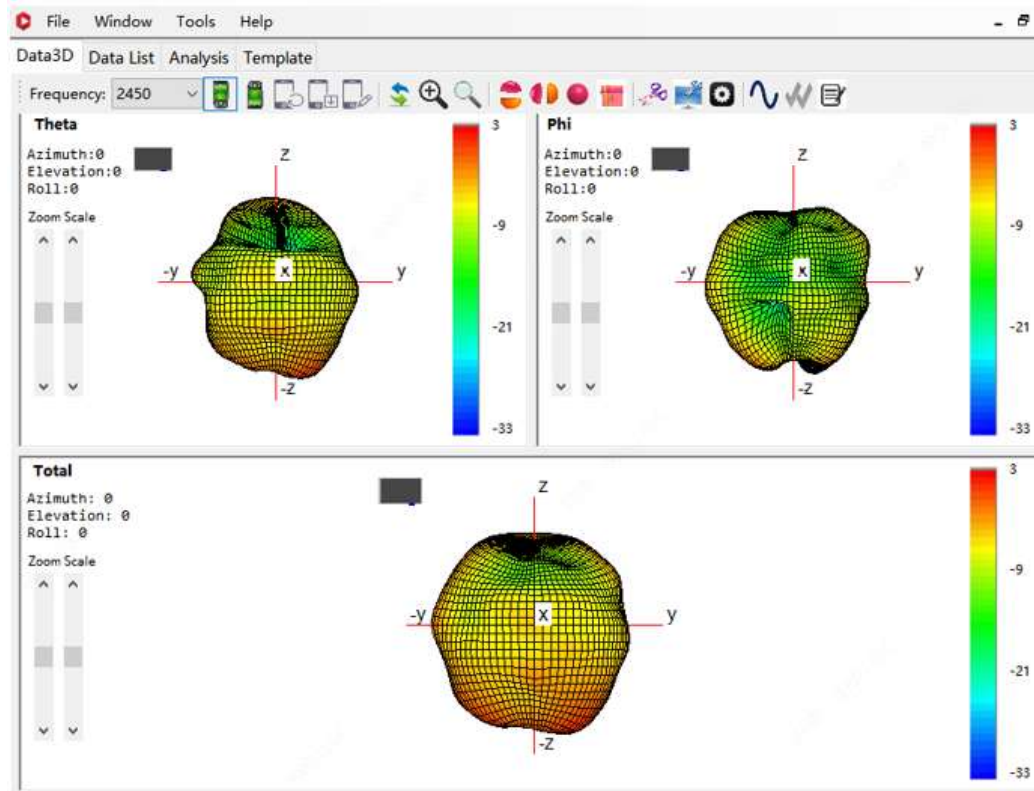
5640	0.6
5650	0.2
5660	-0.1
5670	-0.4
5680	-0.5
5690	-0.6
5700	-0.7
5710	-0.9
5720	-1.2
5730	-1.6
5740	-1.6
5750	-1.5
5760	-1.8
5770	-1.8
5780	-1.9
5790	-1.9
5800	-1.9
5810	-2.1
5820	-1.7
5830	-1.7
5840	-1.9
5850	-2.0

1.2.3 antenna radiation pattern

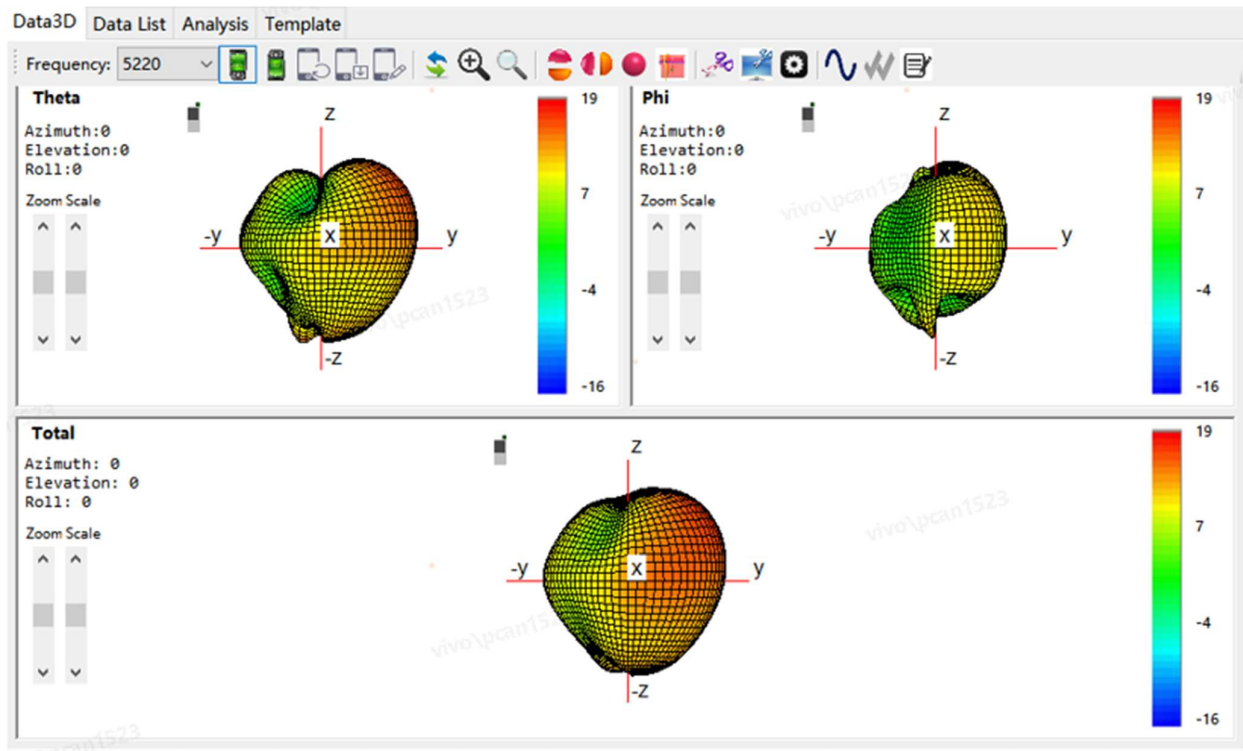
GPS 1575MHz:



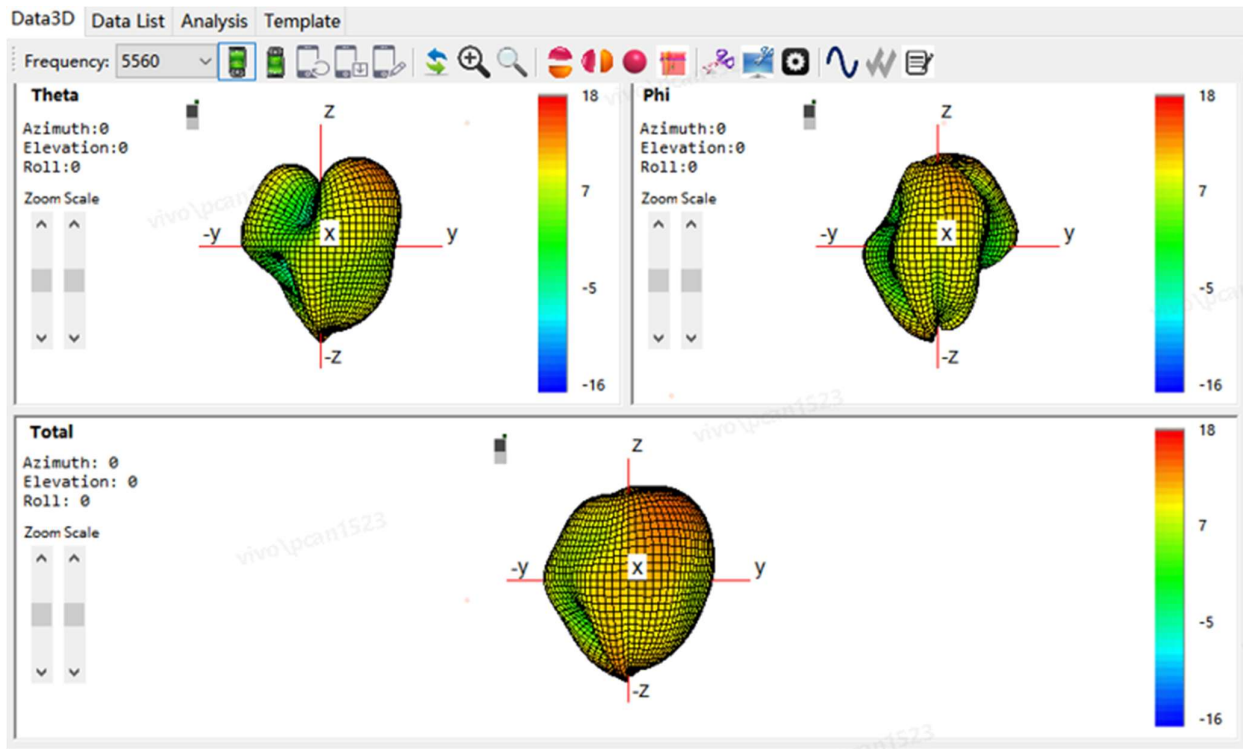
WiFi 2.4G 2450MHz:



WiFi5.1G 5220MHz:



WiFi5.5G 5560MHz:



WiFi5.8G 5825MHz:

