

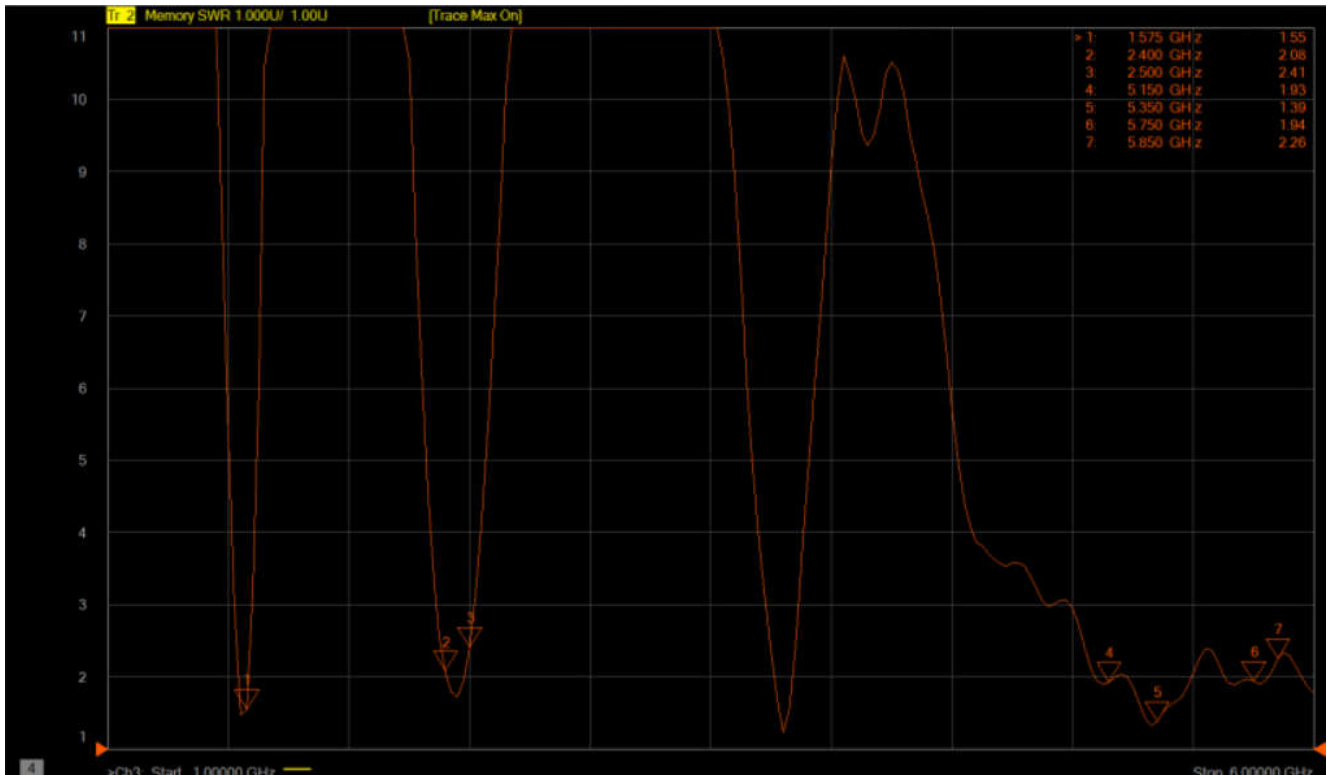
Antenna Specification

Brand	vivo	Model name	V2520
data	2025/7/15	Software version	PD2510F_EX_A_15.0 . 6. 3. 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

- Model name (P/N) : F006L0401FA1000

-Antenna Type : IFA

-Antenna Manufacturer : Kunshan Ruixiang Xuntong Communication Technology Co., Ltd

Manufacturer Address :Building H, Jindudi Zhiyuan Garden, No. 55 Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province

Gain value is measured by Xu Bing 徐 Bing

Gain Value is measured in active call & Antenna selection.

Antenna gain is measured in ETS Chamber.

Test Equipment list

Description	Manufacturer	Model	Cal Time	Cal Due
Passive test equipment	Keysight	E5071C	2025/7/7	2026/7/6
Passive test equipment	Keysight	E5071C	2025/4/22	2026/4/21

1.2.2 test result

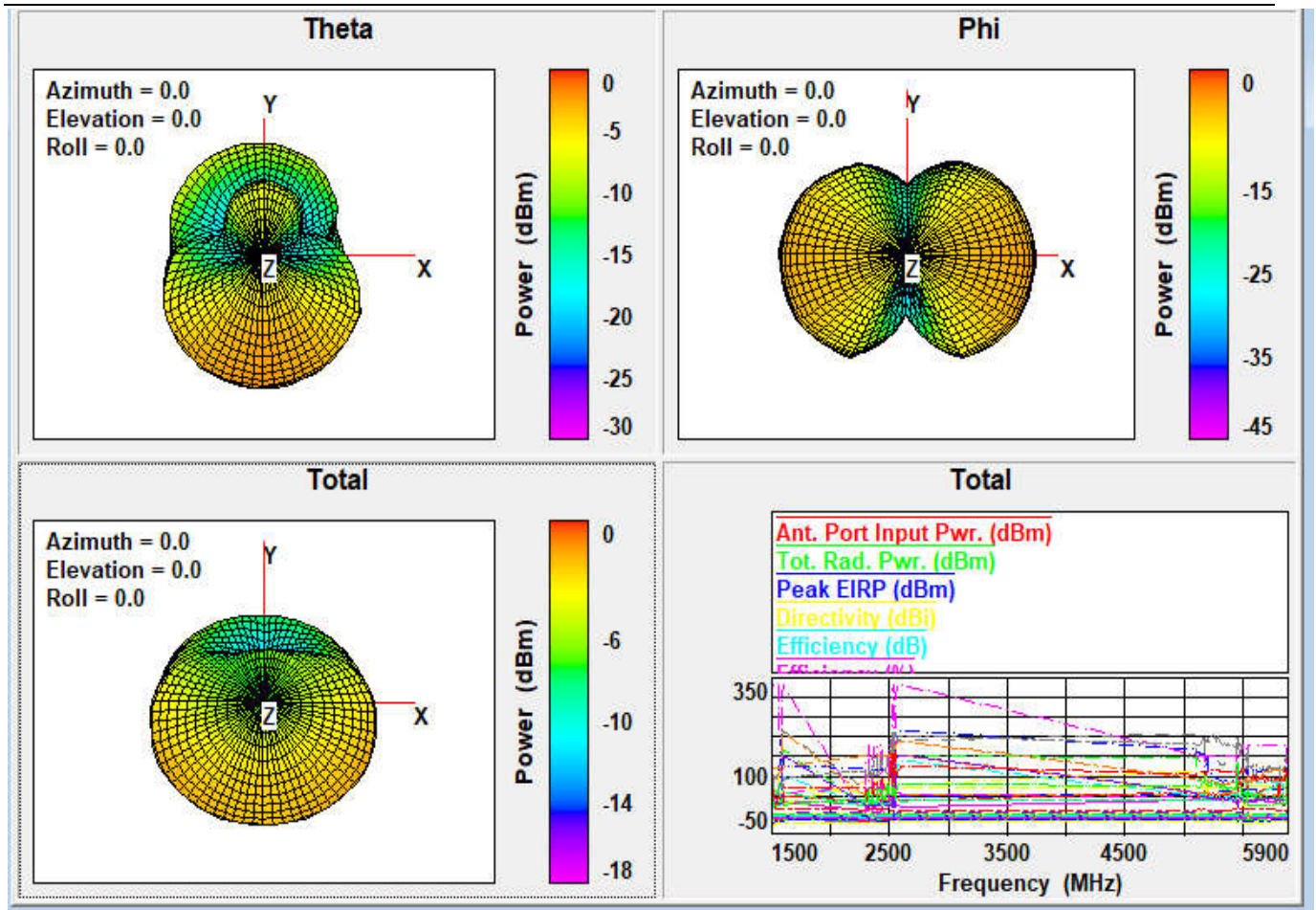
Frequency (MHz)	Gain (dBi)
1550	-0.22
1555	-0.27
1560	-0.44
1565	-0.57
1570	-0.86
1575	-1.18
1580	-1.53
1585	-1.87
1590	-2.24
1595	-2.54
1600	-2.78
1605	-2.91
1610	-3.43
1615	-3.82
1620	-4.40
1625	-4.85
1630	-5.33
1635	-6.01
1640	-6.73
1645	-7.26
1650	-7.84
2400	0.80
2410	0.72
2420	0.60
2430	0.43
2440	0.22
2450	0.02
2460	-0.36
2470	-0.74
2480	-1.04

2490	-1.11
2500	-1.20
5150	-0.29
5160	-0.07
5170	0.05
5180	0.07
5190	0.12
5200	0.01
5210	0.00
5220	0.32
5230	0.36
5240	0.36
5250	0.35
5260	0.46
5270	0.53
5280	0.54
5290	0.54
5300	0.47
5310	0.63
5320	0.69
5330	0.56
5340	0.38
5350	0.25
5360	0.27
5370	0.22
5380	0.16
5390	0.09
5400	0.23
5410	0.29
5420	0.12
5430	0.03
5440	-0.09
5450	-0.21
5460	-0.19
5470	0.00
5480	0.14
5490	0.25
5500	0.30
5510	0.57
5520	0.59
5530	0.59
5540	0.69
5550	0.75
5560	0.76
5570	0.79

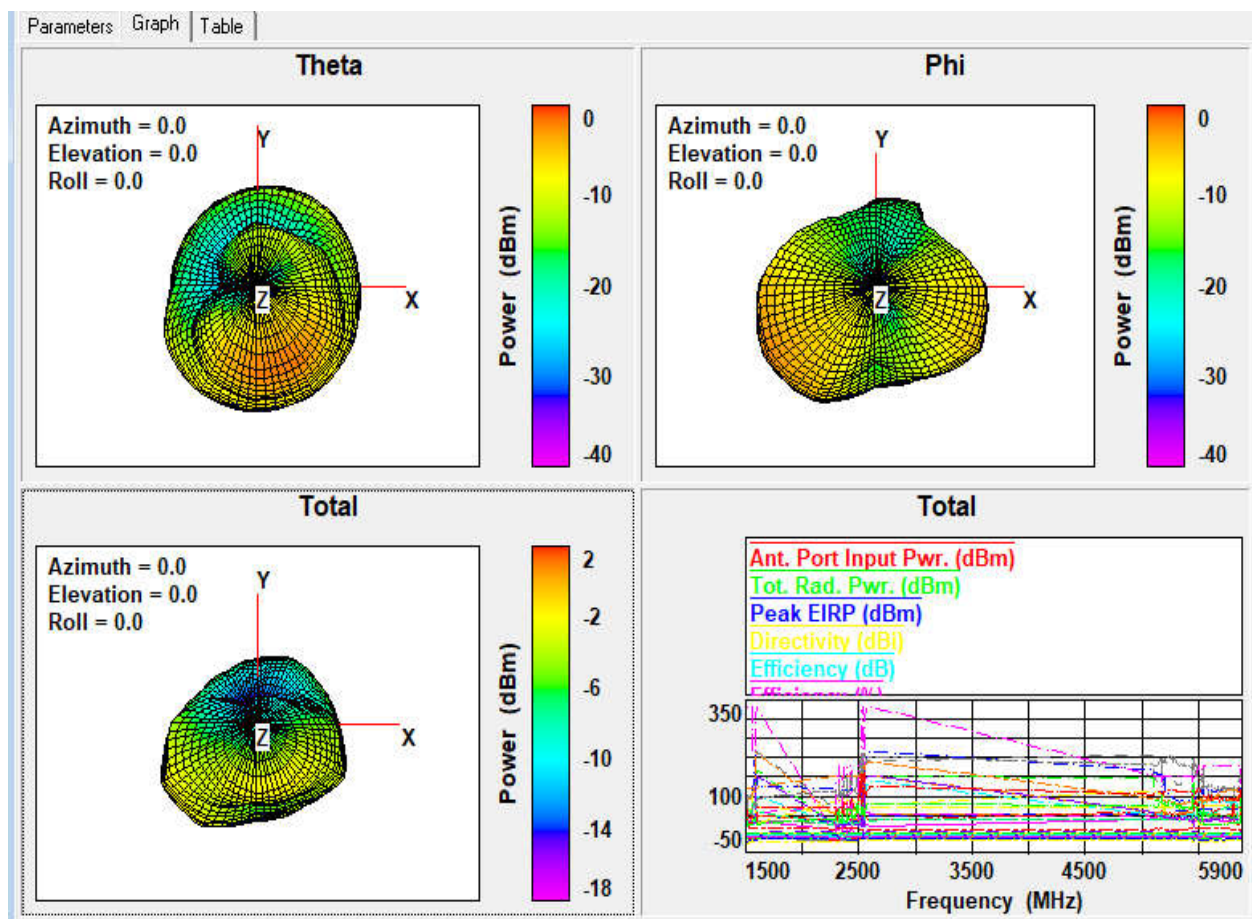
5580	0.51
5590	0.68
5600	0.51
5610	0.56
5620	0.69
5630	0.85
5640	0.86
5650	0.67
5660	0.56
5670	0.51
5680	0.63
5690	0.74
5700	0.79
5710	0.59
5720	0.59
5730	0.56
5740	0.70
5750	0.43
5760	0.70
5770	0.39
5780	0.11
5790	0.04
5800	-0.16
5810	-0.53
5820	-0.33
5830	-0.24
5840	-0.45
5850	-0.66

1.2.3 antenna radiation pattern

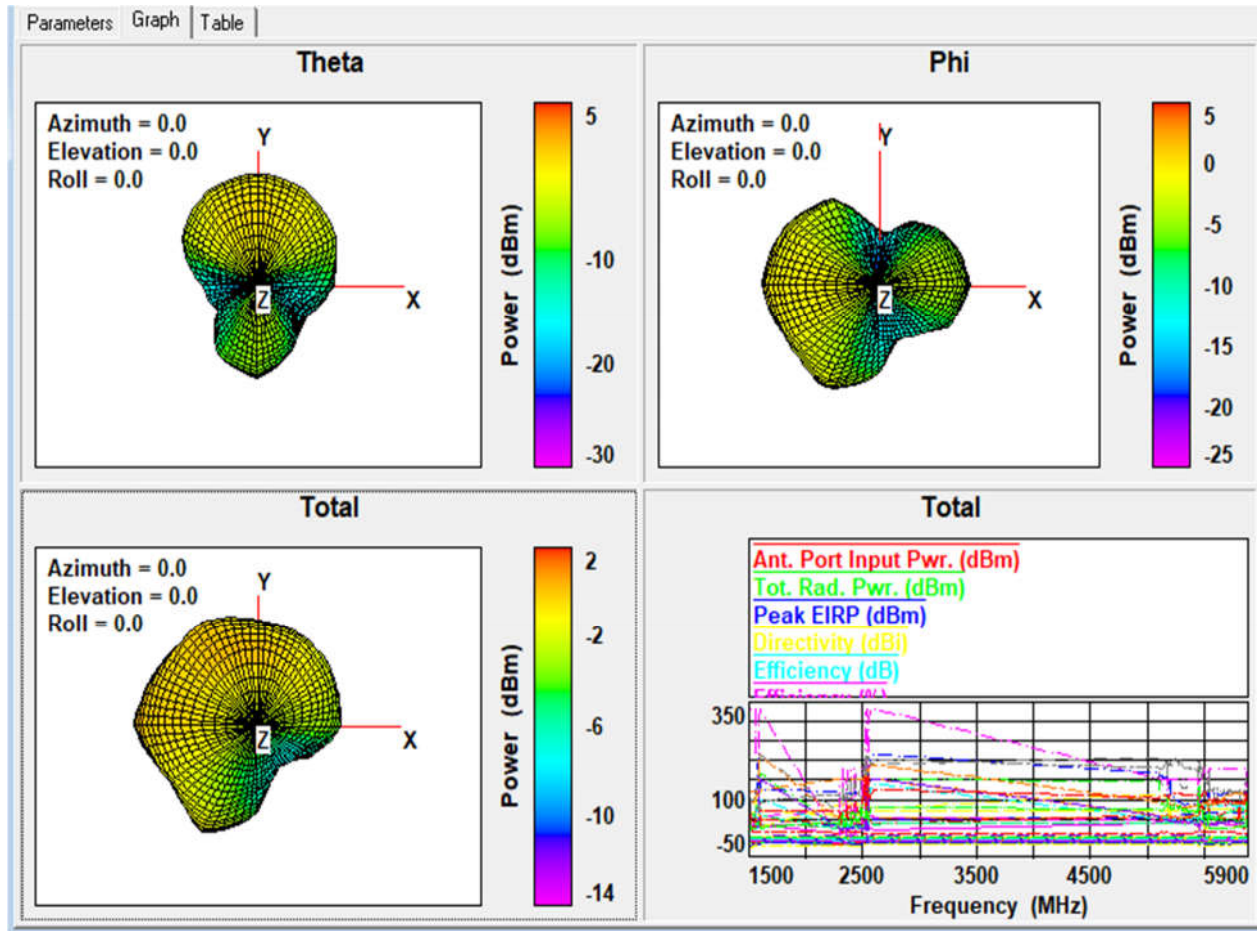
GPS 1575MHz:



WIFI2.4G 2450MHz:



WiFi5.8G 5790MHz:



2、NFC antenna

2.1 Antenna Type: Loop antenna

2.2 Antenna Dimension(mm): 32.8*27.3*0.19(L*W*H)

2.3 Manufacturer: Kunshan Ruixiang Xuntong Communication Technology Co., Ltd

2.4 Manufacturer P/N: F006L0403M11000