

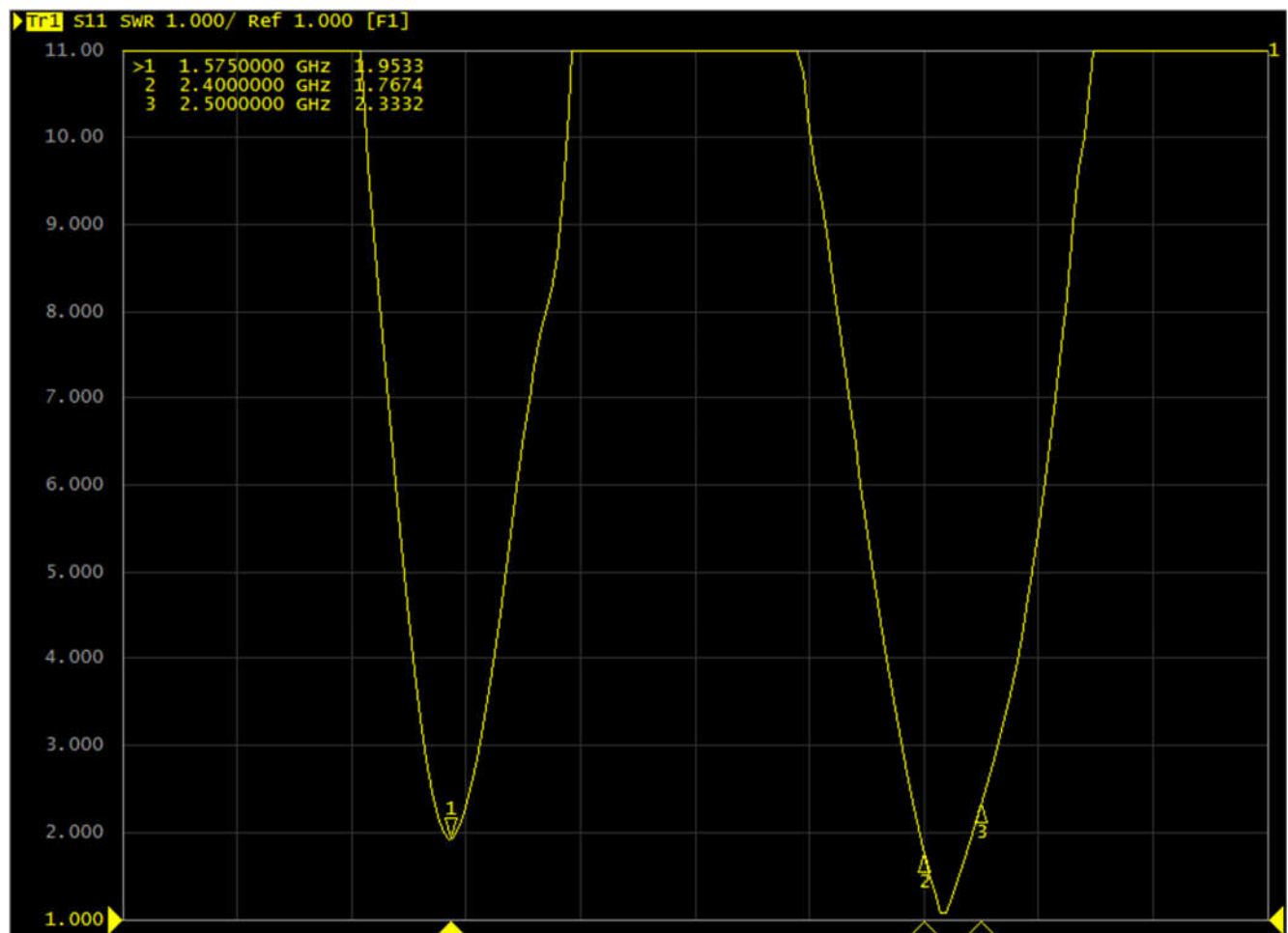
Antenna Specification

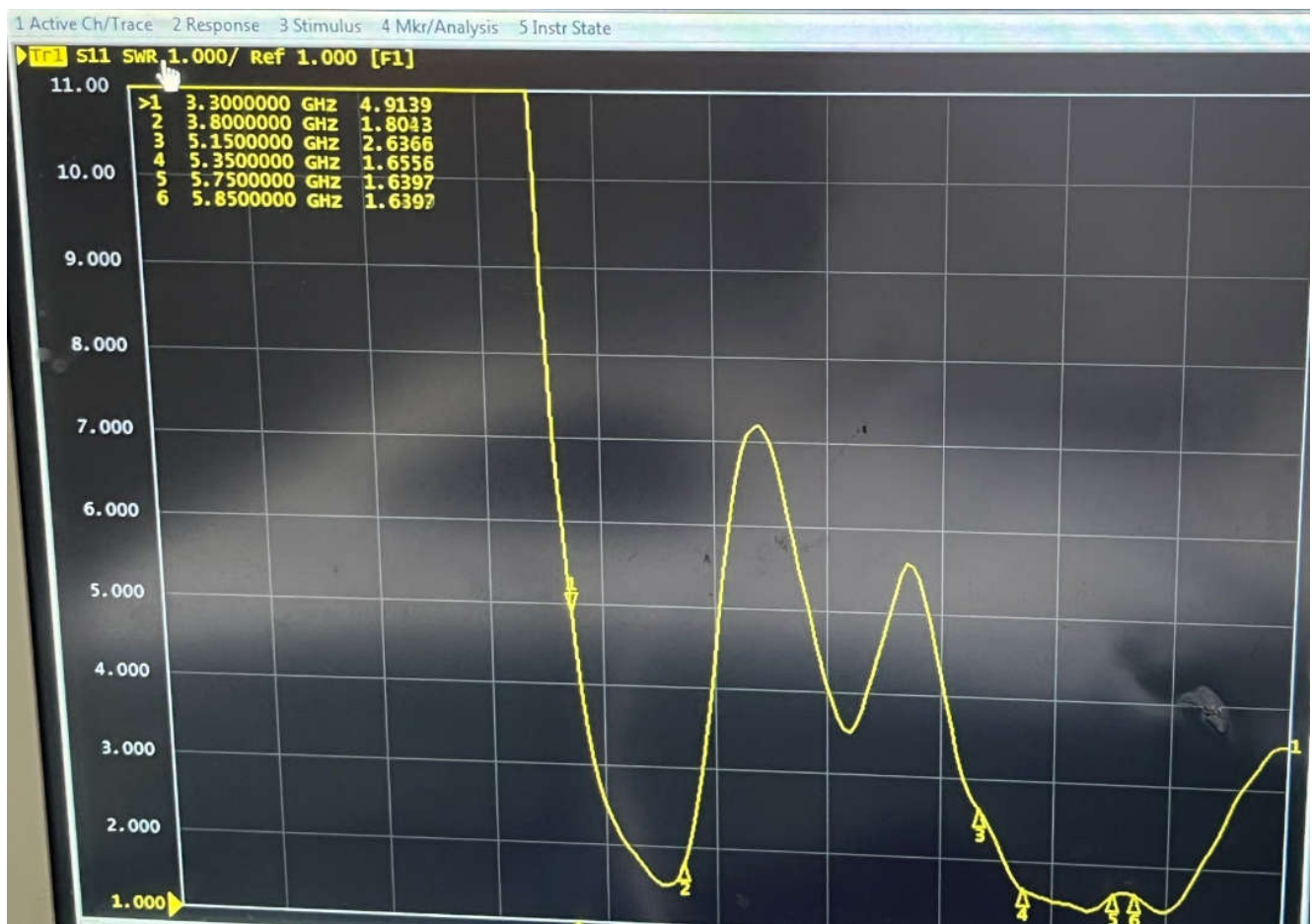
Brand	vivo	Model name	V2550
data	2025/12/01	Software version	PD2539F_EX_A_16.0.4.2.W3 0.V000L1

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) : MT319

-Antenna Type : IFA

-Antenna Manufacturer : Dongguan Jinzhou Plastic Products Co., Ltd.

Manufacturer Address : Jiangbei Bubugao Road 319, Wusha Management District,
Chang'an Town, Dongguan City, Guangdong Province

Gain value is measured by Liao Shilong *Liao Shilong*

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	2025/5/6

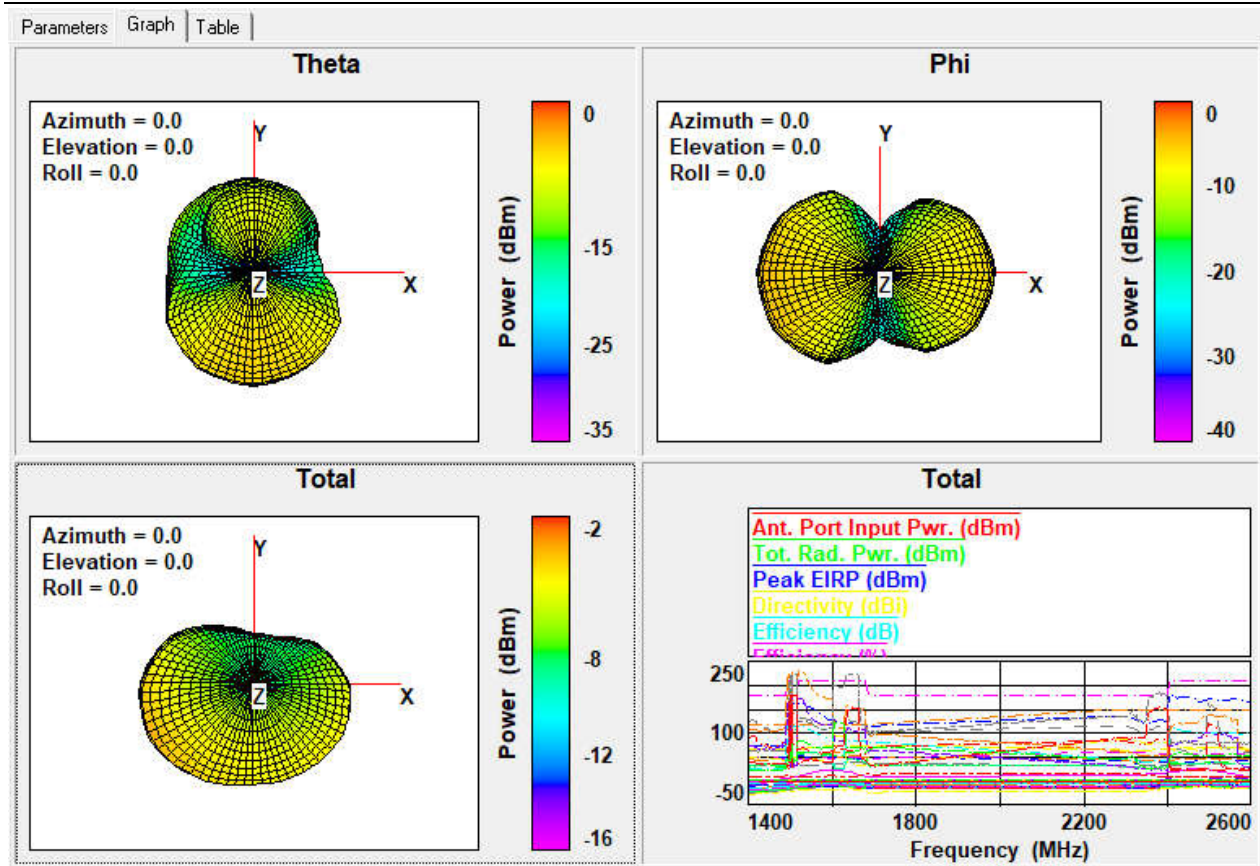
1.2.1 test result

Frequency (MHz)	Gain (dBi)
1550	-4.1
1555	-3.7
1560	-3.5
1565	-3.2
1570	-3.0
1575	-2.8
1580	-2.8
1585	-2.6
1590	-2.7
1595	-2.6
1600	-2.6
1605	-2.6
1610	-2.6
1615	-2.6
1620	-2.7
1625	-2.9
1630	-3.1
1635	-3.4
1640	-3.6
1645	-3.7
1650	-3.9
2400	-3.0
2410	-2.7
2420	-2.5
2430	-2.3
2440	-2.0
2450	-1.8
2460	-1.5
2470	-1.26
2480	-1.3
2490	-1.7
2500	-2.2
5150	-0.3
5170	-0.2
5190	-0.1
5210	-0.1
5230	0.01

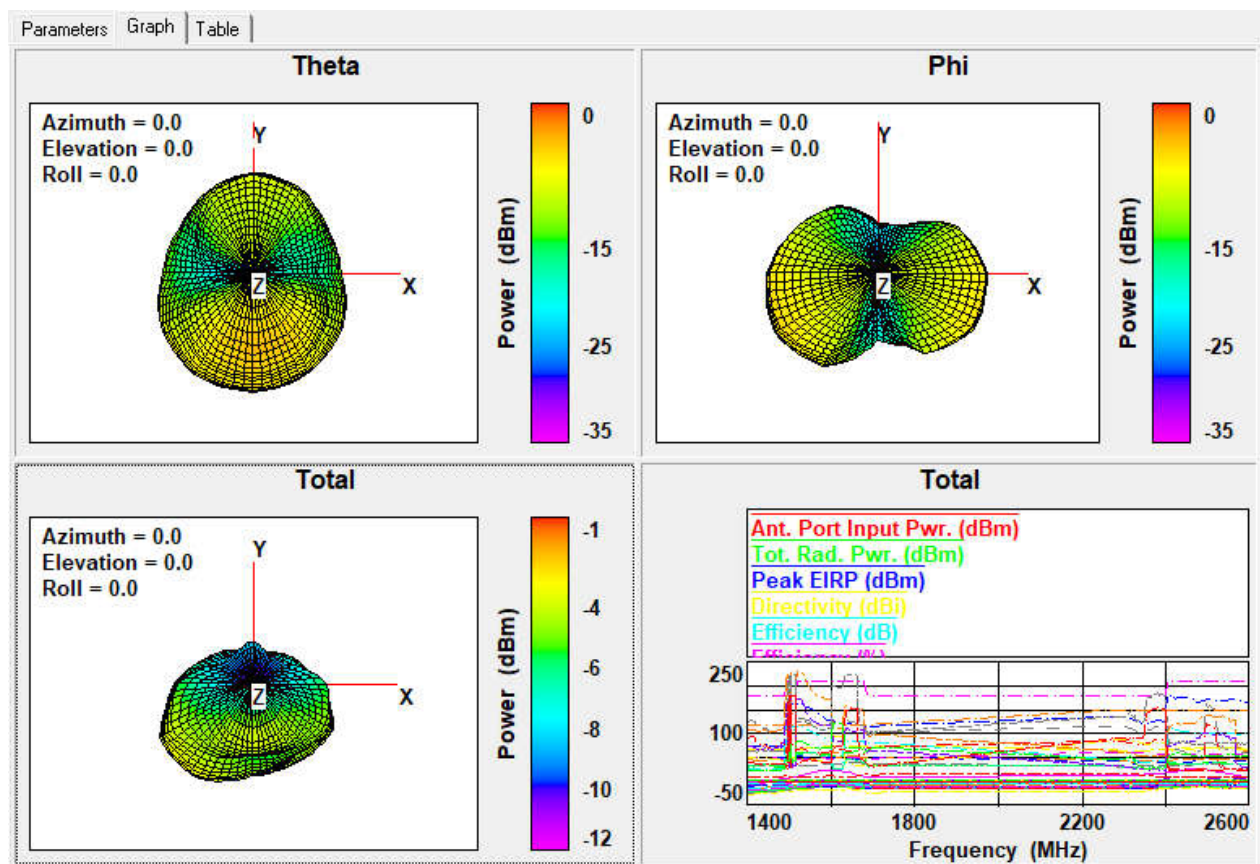
5250	0.06
5270	0.06
5290	0.20
5310	0.21
5330	0.2
5350	0.14
5370	0.15
5390	-0.05
5410	0.12
5430	-0.06
5450	-0.31
5470	0.02
5490	0.24
5510	0.29
5530	0.28
5550	0.39
5570	0.25
5590	0.21
5610	0.35
5630	0.24
5650	0.13
5670	0
5690	0.05
5710	-0.03
5730	-0.11
5750	-0.18
5770	-0.49
5790	-0.83
5810	-0.66
5830	-0.39
5850	-0.45

1.2.2 antenna radiation pattern

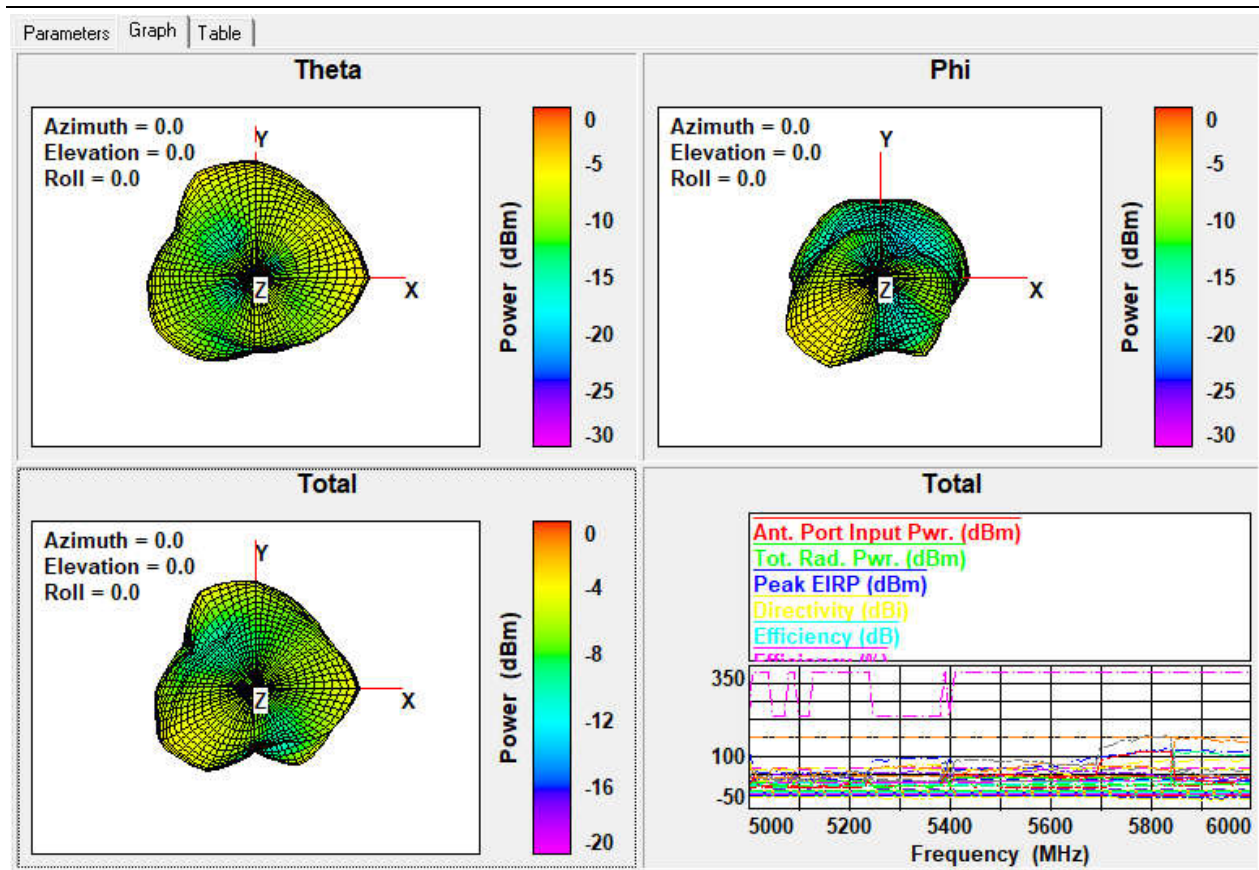
GPS 1575MHz:



WIFI2.4G 2450MHz:



WIFI5.8G 5790MHz:



2、NFC antenna

2.1 Antenna Type: Coil antenna

2.2 Antenna Dimension(mm): 48*26.5*0.21(L*W*H)

2.3 Manufacturer: Kunshan Innwave Communication Technology Co., Ltd.

2.4 Manufacturer P/N: MT319