

Antenna Specification

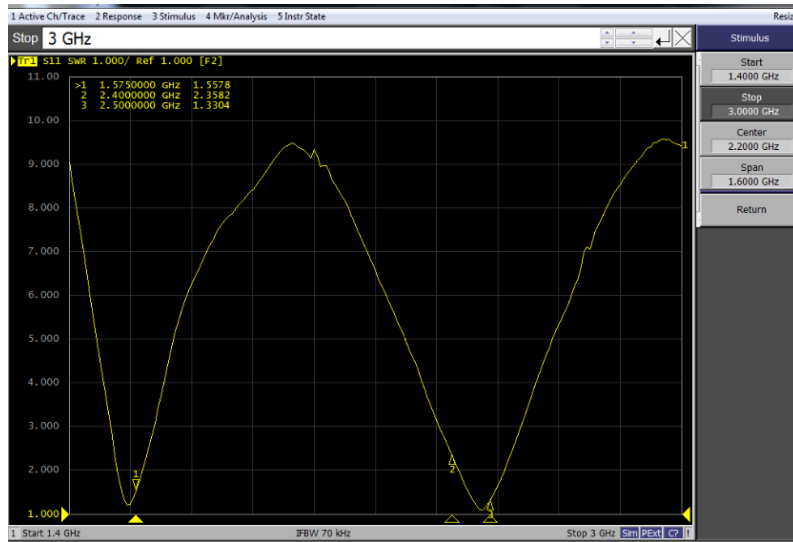
Brand	vivo	Model name	V2341
data	2024/3/15	Software version	PD2343KF_EX_A_14.0.8.8. W30

1、Test

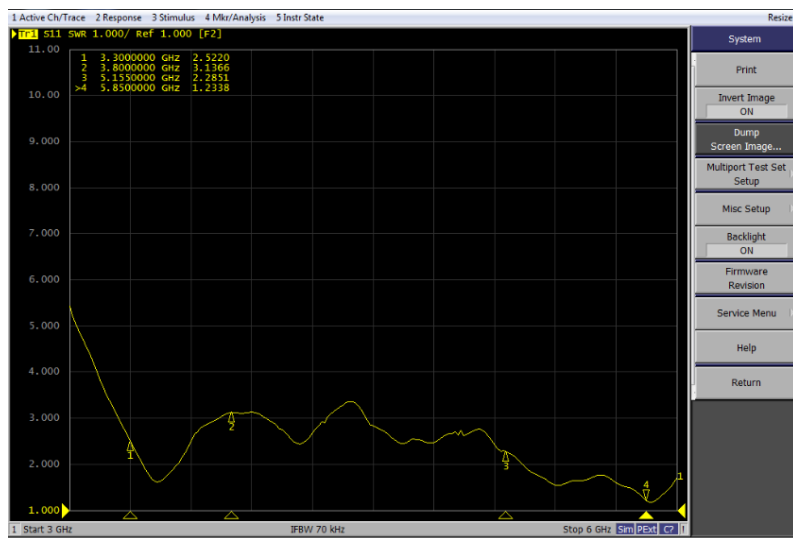
1.1 VSWR test

1.1.1 VSWR

ANT22#



ANT23#



Picture one: VSWR

1.2 BT/wifi/GPS antenna Gain test

BT/wifi/GPS antenna

- Model name (P/N) : 3122877/3122859

-Antenna Type : IFA

-Antenna Manufacturer : Dongguan JINZHOU Plastics Co.Ltd

Manufacturer Address : 319# Bubugao Road, Chang'an Town, Dongguan City

Gain value is measured by Wen Qichao

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	2023/4/28-2024/4/27

1.2.1 test set up (ETS)

Please refer to Ant test setup photos

1.2.2 test result

Frequency (MHz)	22#Gain (dBi)
1550	-3.21
1555	-2.96
1560	-2.83
1565	-2.59
1570	-2.48
1575	-2.40
1580	-2.36
1585	-2.33
1590	-2.43
1595	-2.50

1600	-2.58
1605	-2.63
1610	-2.75
1615	-2.89
1620	-2.86
1625	-2.95
1630	-3.06
1635	-3.24
1640	-3.40
1645	-3.39
1650	-3.39
2400	-1.07
2410	-0.92
2420	-0.82
2430	-0.73
2440	-0.54
2450	-0.27
2460	0.01
2470	0.53
2480	0.80
2490	0.71
2500	0.46
5150	-1.97
5160	-2.15
5170	-1.94
5180	-1.71
5190	-1.68
5200	-1.79
5210	-1.94
5220	-1.78
5230	-1.73
5240	-1.81
5250	-1.88
5260	-1.70
5270	-1.60
5280	-1.40
5290	-1.45
5300	-1.24
5310	-1.29
5320	-1.32
5330	-1.01
5340	-1.06
5350	-1.10
5360	-1.07
5370	-1.14

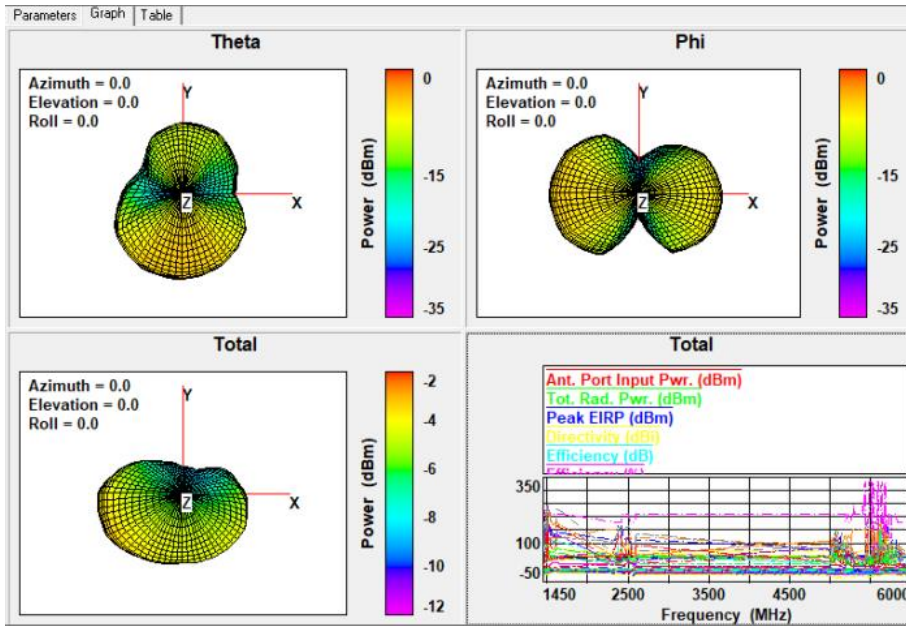
5380	-1.06
5390	-1.12
5400	-1.31
5410	-1.36
5420	-1.47
5430	-1.55
5440	-1.44
5450	-1.50
5460	-1.56
5470	-1.59
5480	-1.75
5490	-1.77
5500	-1.73
5510	-2.01
5520	-1.78
5530	-1.82
5540	-1.72
5550	-1.72
5560	-1.85
5570	-2.17
5580	-2.21
5590	-2.32
5600	-2.30
5610	-2.31
5620	-2.57
5630	-2.53
5640	-2.53
5650	-2.60
5660	-2.72
5670	-2.93
5680	-2.68
5690	-2.54
5700	-2.60
5710	-2.62
5720	-2.64
5730	-2.21
5740	-1.97
5750	-1.78
5760	-1.80
5770	-1.76
5780	-1.67
5790	-1.71
5800	-1.65
5810	-1.70
5820	-1.68

5830	-1.51
5840	-1.74
5850	-1.72

1.2.3 antenna radiation pattern

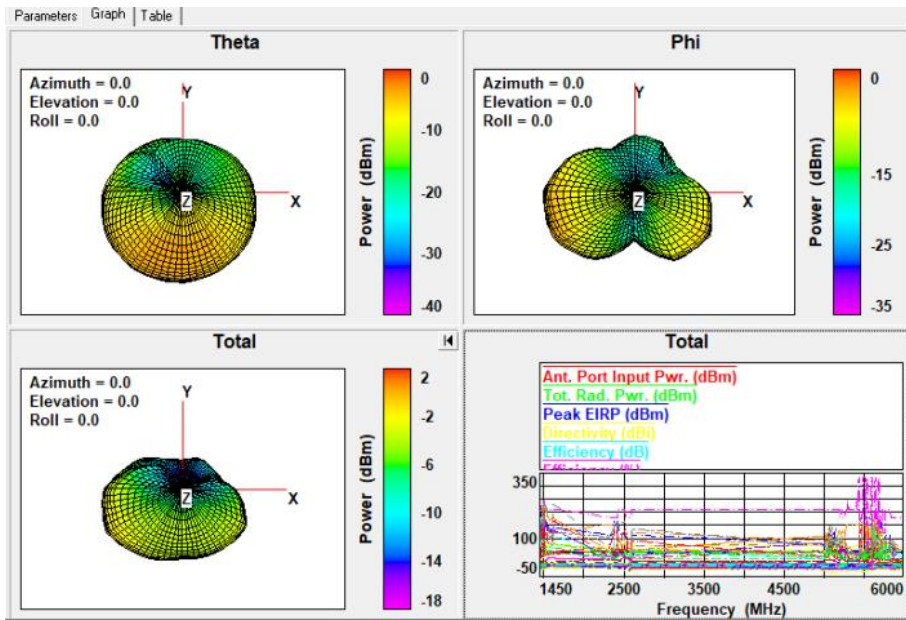
GPS 1575MHz:

22#



WIFI2.4G 2450MHz:

22#



WiFi5.8G 5750MHz:

23#

