

# Antenna Specification

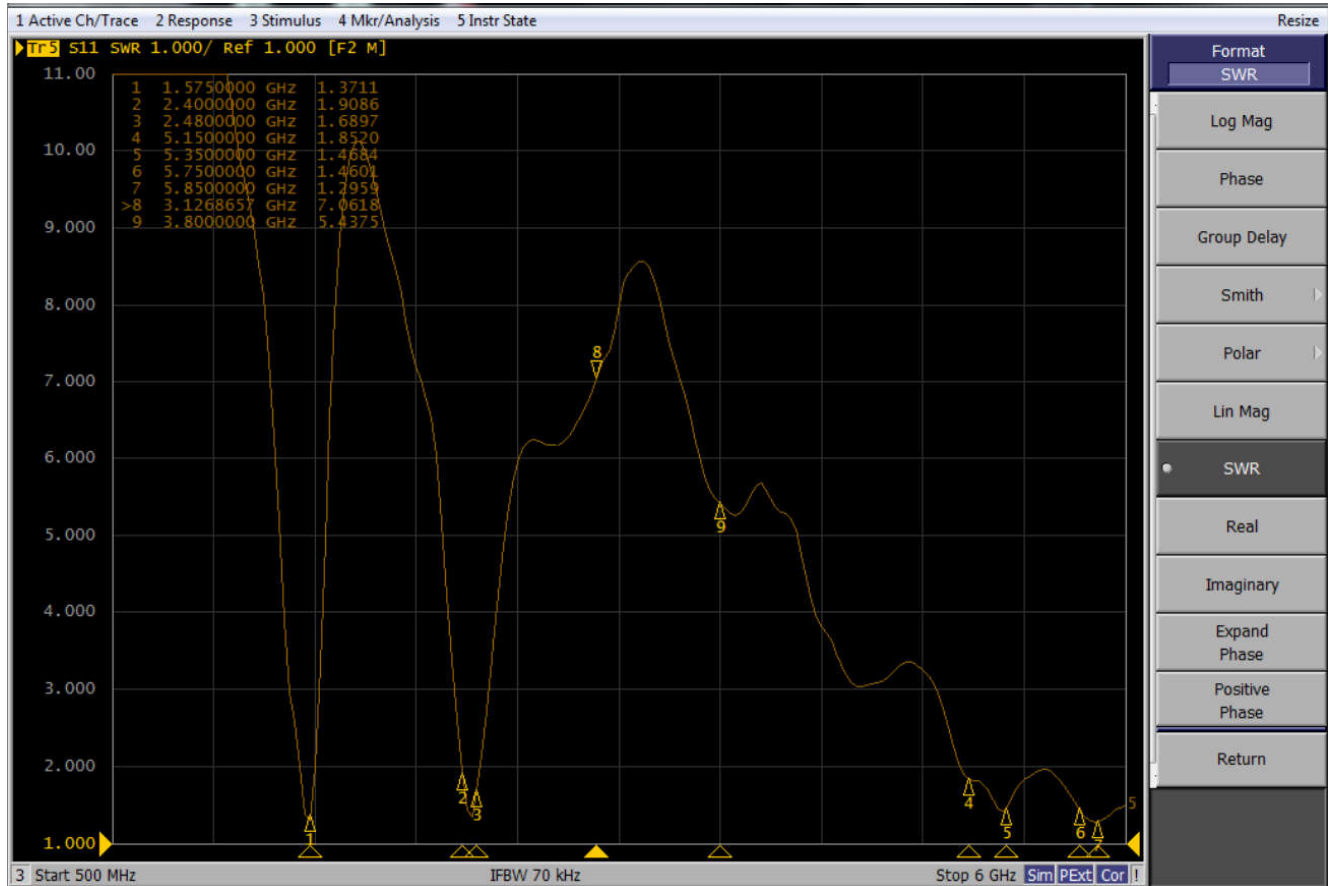
Brand	vivo	Model name	V2349
data	2023/12/15	Software version	PD2341EF_EX_A_14.0.5.3. W30

## 1、Test

### 1.1 VSWR test

#### 1.1.1 VSWR

ANT22#



Picture one: VSWR

### 1.2 BT/wifi/GPS antenna Gain test

BT/wifi/GPS antenna

- Model name (P/N) : 0760676

-Antenna Type : IFA

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

Manufacturer Address : Building H, No. 55, Shengchuang Road, Yushan Town,

Kunshan City, Jiangsu Province, China

Gain Value is measured in active call & Antenna selection.

Antenna gain is measured in ETS Chamber.

Test by: Wen Qichao 文岐超

Test Equipment list

Description	Manufacturer	Model	Cal Due
Passive test equipment	Keysight	E5071C	2023/3/10-2024/3/09

1.2.1 test result

Frequency (MHz)	22#Gain (dBi)
1550	-0.42
1555	-0.41
1560	-0.43
1565	-0.35
1570	-0.41
1575	-0.47
1580	-0.60
1585	-0.70
1590	-0.91
1595	-1.10
1600	-1.37
1605	-1.57
1610	-1.81
1615	-2.07
1620	-2.27
1625	-2.58
1630	-2.82
1635	-3.06
1640	-3.39
1645	-3.81
1650	-4.16
2400	0.01
2410	0.34
2420	0.65
2430	0.70
2440	0.77
2450	0.80
2460	0.94
2470	1.01

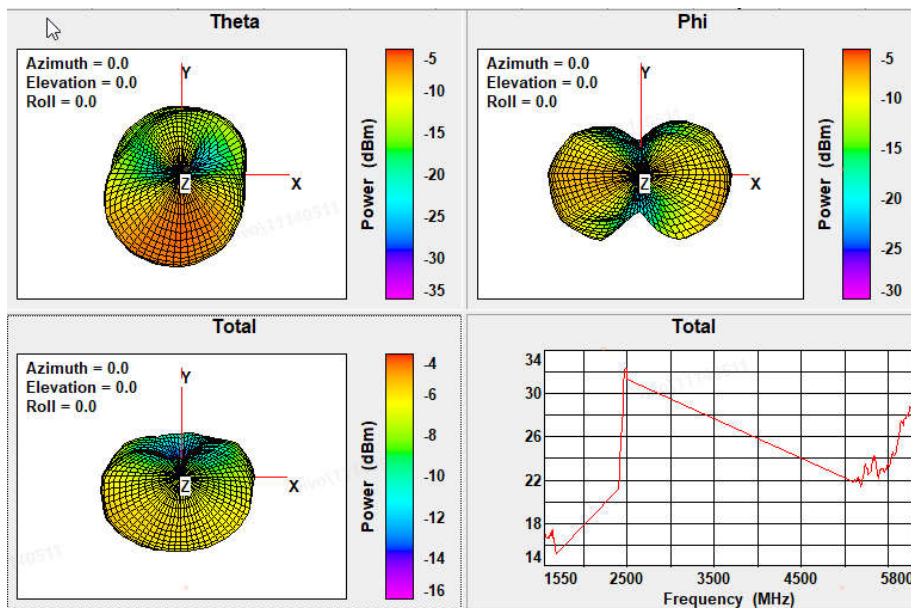
2480	0.88
2490	0.61
2500	0.31
5150	-0.72
5160	-0.69
5170	-0.51
5180	-0.48
5190	-0.50
5200	-0.49
5210	-0.47
5220	-0.39
5230	-0.50
5240	-0.57
5250	-0.90
5260	-0.98
5270	-1.14
5280	-1.20
5290	-1.16
5300	-1.15
5310	-1.13
5320	-1.05
5330	-0.96
5340	-0.83
5350	-0.94
5360	-0.88
5370	-0.86
5380	-0.61
5390	-0.38
5400	-0.48
5410	-0.46
5420	-0.43
5430	-0.30
5440	-0.09
5450	0.03
5460	0.08
5470	0.16
5480	0.15
5490	0.16
5500	0.07
5510	-0.03
5520	-0.04
5530	-0.04
5540	-0.13
5550	-0.07
5560	-0.44

5570	-0.50
5580	-0.53
5590	-0.26
5600	-0.31
5610	-0.12
5620	0.02
5630	0.15
5640	0.52
5650	0.68
5660	0.81
5670	0.98
5680	1.12
5690	1.37
5700	1.33
5710	1.35
5720	1.67
5730	1.24
5740	1.51
5750	1.54
5760	1.72
5770	1.76
5780	1.37
5790	1.42
5800	1.51
5850	1.62

### 1.2.2 antenna radiation pattern

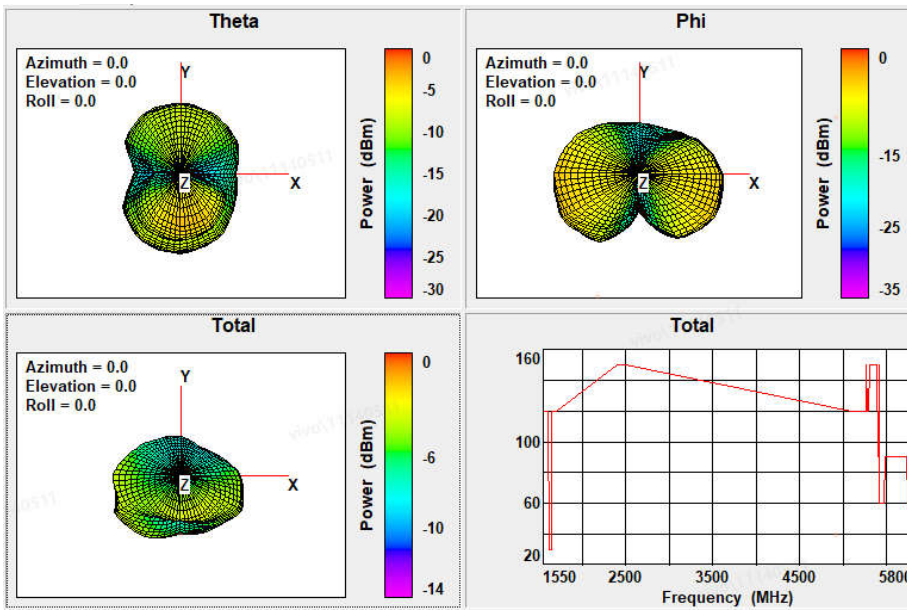
GPS 1575MHz:

22#



WiFi2.4G 2450MHz:

22#



WiFi5.8G 5750MHz:

22#

