

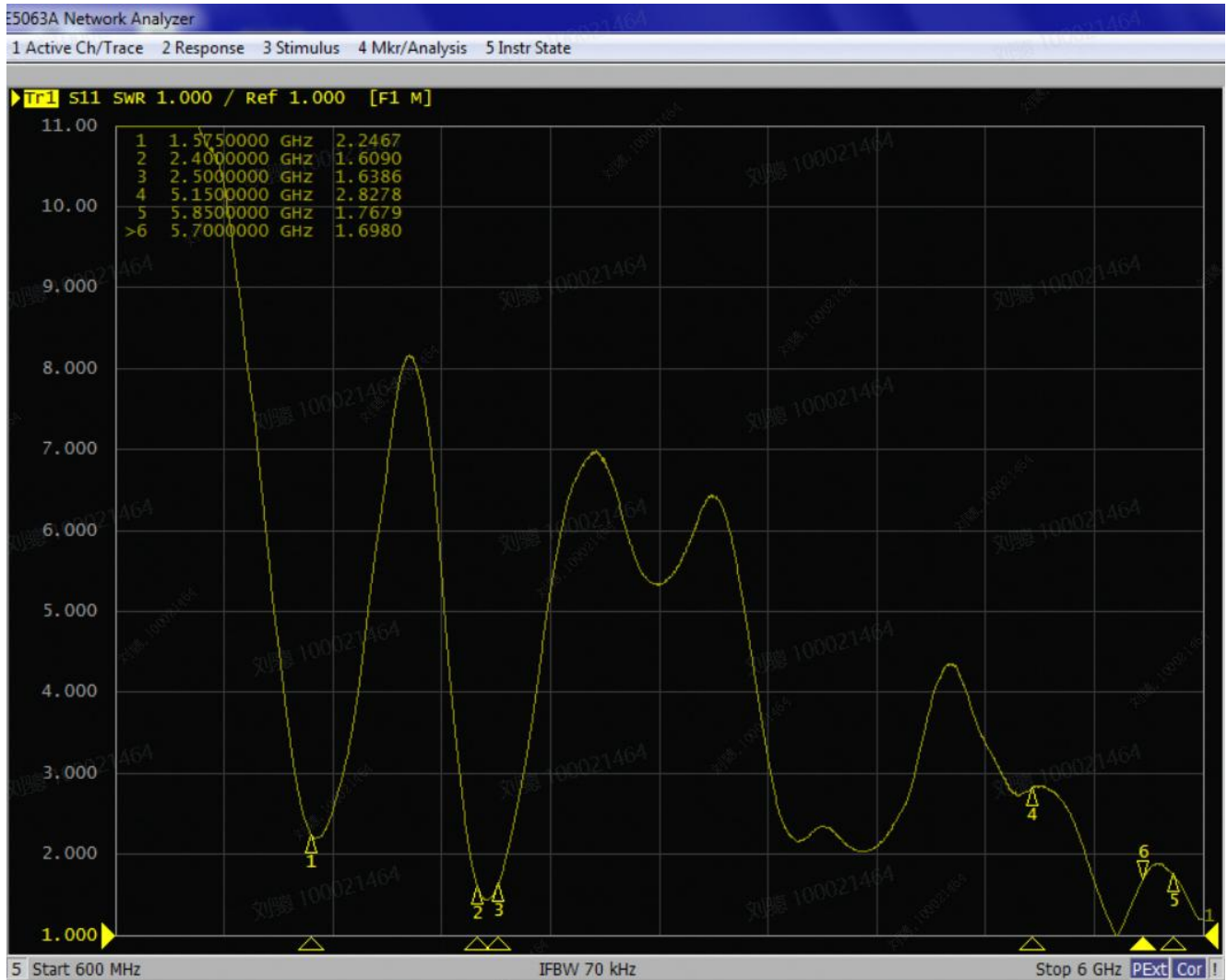
Antenna Specification

Brand	vivo	Model name	V2333
data	2024/1/23	Software version	PD2327F_EX_A_14.0.8.6 .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) : PD2327

-Antenna Type : PIFA

-Antenna Manufacturer : Huizhou Speed Wireless Technology Co.Limited

Antenna Manufacturer address: 138 Huize Avenue, Dongjiang Hi-Tech Industrial Park, Zhongkai Hi-Tech Zone, Huizhou City, Guangdong Province

Gain value is measured by Su wenyong

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	2024/7/31

1.2.1 test set up (ETS)



Picture two: set up

1.2.2 test result

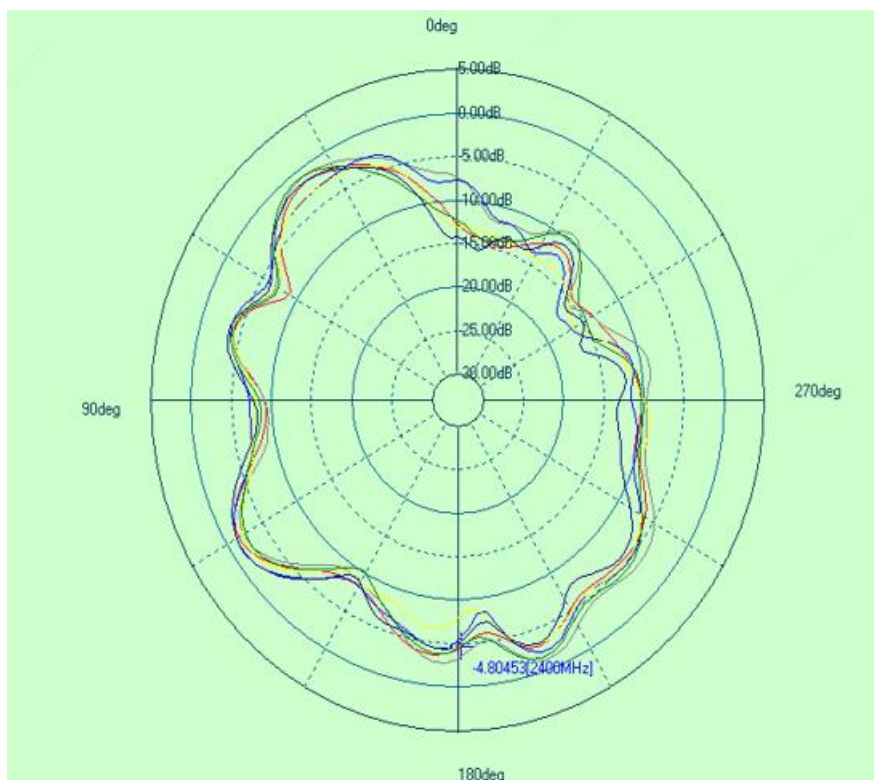
Frequency (MHz)	Gain (dBi)
1550	-1.80
1555	-1.80

1560	-1.50
1565	-1.30
1570	-1.10
1575	-0.90
1580	-0.80
1585	-0.80
1590	-0.70
1595	-0.80
1600	-0.70
1605	-0.80
1610	-0.70
1615	-0.90
1620	-0.80
1625	-0.90
1630	-1.20
1635	-1.20
1640	-1.30
1645	-1.50
1650	-1.70
2400	0.95
2410	0.42
2420	0.08
2430	1.23
2440	0.84
2450	0.47
2460	0.80
2470	1.31
2480	-0.43
2490	-0.24
2500	1.12
5150	-0.85
5170	-0.55
5190	-0.83
5210	-0.19
5230	-0.46
5250	-0.37
5270	0.03
5290	-0.53
5310	0.23
5330	-0.03
5350	-0.32
5370	0.03
5390	0.10
5410	0.33
5430	-0.21

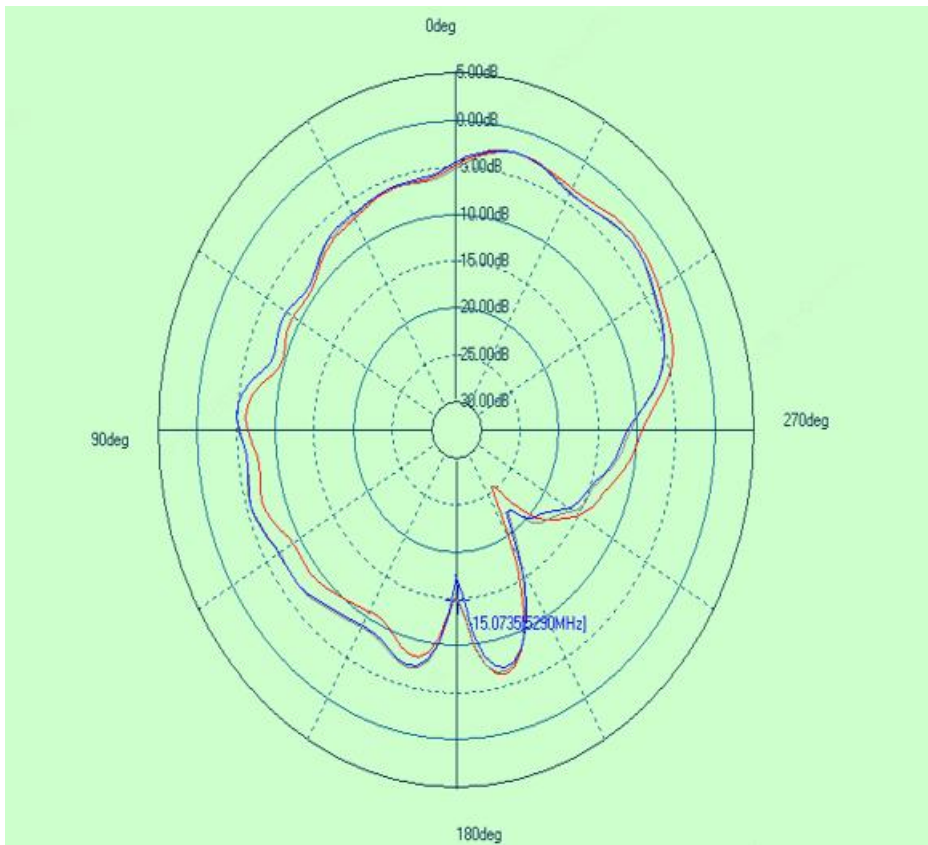
5450	0.70
5470	-0.37
5490	0.35
5510	-0.25
5530	0.18
5550	0.48
5570	-1.01
5590	0.70
5610	-0.67
5630	-0.35
5650	-0.41
5670	-0.29
5690	0.05
5710	-0.07
5730	-0.09
5750	-0.03
5770	-0.09
5790	0.32
5810	0.16
5830	0.89
5850	0.60

1.2.3 antenna radiation pattern

GPS 1575MHz:



WiFi 2.4G 2450MHz:



WiFi 5.8G 5790MHz:

