

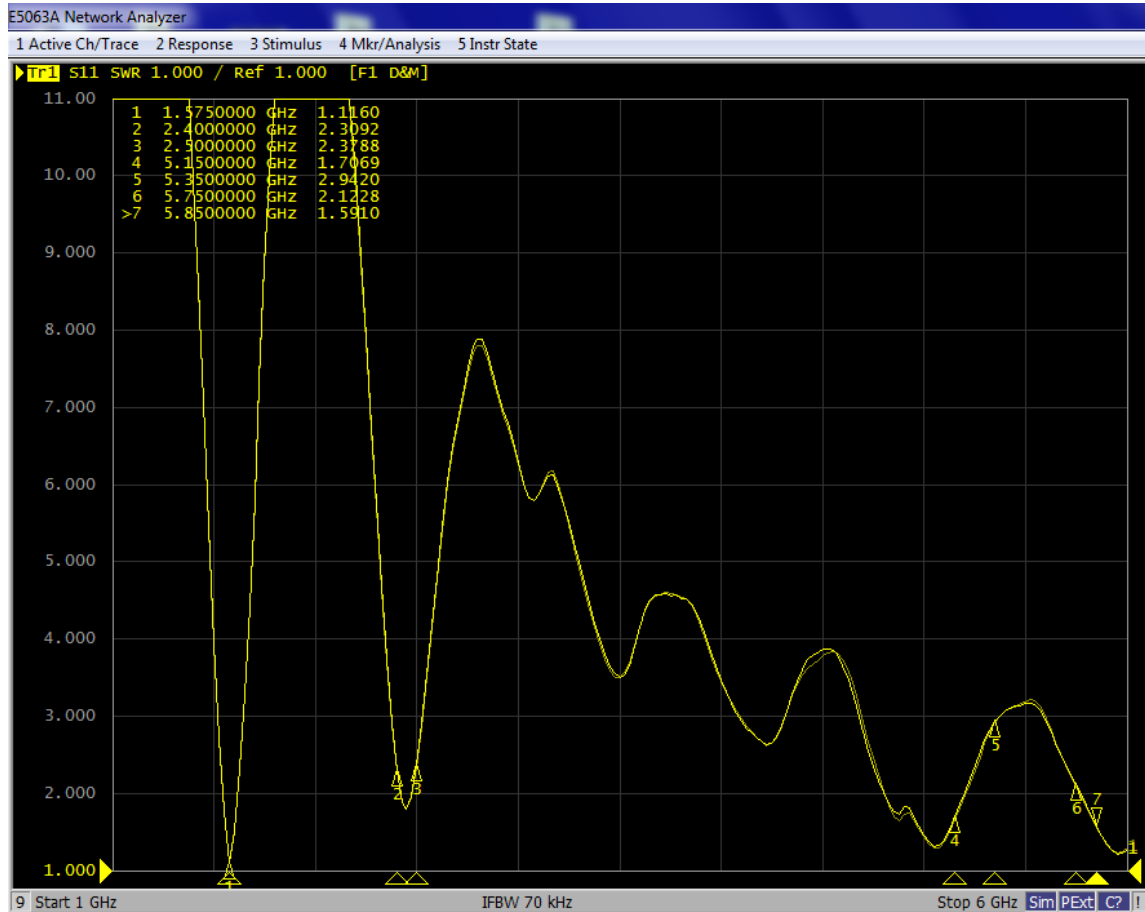
Antenna Specification

Brand	vivo	Model name	V2351
data	2024/4/4	Software version	PD2357F_EX_A_14.0 .3.5.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) : PD2357

-Antenna Type : PIFA

-Antenna Manufacturer : Huizhou Speed Wireless Technology Co.Limited

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	2024/7/18

1.2.1 test set up (SATIMO)

Refer to set up photos

Picture two: set up

1.2.2 test result

Point Values frequency (MHz)	Gain (dBi)
1500	-2.88749
1510	-2.84784
1520	-2.68174
1530	-2.5676
1540	-2.31966
1550	-1.96184
1560	-1.9234
1570	-1.79334
1580	-1.78834
1590	-1.90896
1600	-2.11314
1610	-2.24643
1620	-2.17374
1630	-2.14865
1640	-2.16917
1650	-2.17151
1660	-2.48711
1670	-2.71411
1680	-2.89835
1690	-2.96479

Point Values	Gain (dBi)
Frequency (MHz)	
2400	-0.1082
2410	-0.26229
2420	-0.31844
2430	-0.24608
2440	0.23
2450	-0.17991
2460	-0.08466
2470	-0.19417
2480	-0.49908
2490	-0.76289
2500	-0.7607

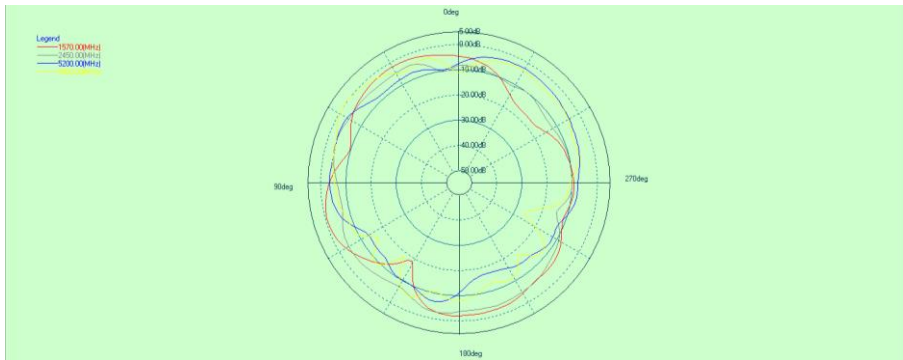
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Point Values	Gain (dBi)
Frequency (MHz)	
5150	-0.83977
5160	-0.84398
5170	-0.92356
5180	-1.0857
5190	-1.23812
5200	-1.2659
5210	-1.14933
5220	-1.06506
5230	-0.99642
5240	-1.05216
5250	-1.3902
5260	-1.26572
5270	-1.17659
5280	-1.11054
5290	-1.02881
5300	-0.71976
5310	-0.61781
5320	-0.4363
5330	-0.4812
5340	-0.61201
5350	-0.48593

Point Values	Gain (dBi)
Frequency (MHz)	
5500	0.456574
5510	0.581782
5520	0.650059
5530	0.87103
5540	1.10057
5550	1.37332
5560	1.39968
5570	1.37307
5580	1.66062
5590	1.76212
5600	1.76254
5610	1.89401
5620	1.89686
5630	2.00186
5640	2.12541
5650	2.27227
5660	2.00784
5670	1.97388
5680	1.76556
5690	1.93943
5700	1.83366
5710	1.67246
5720	1.50289

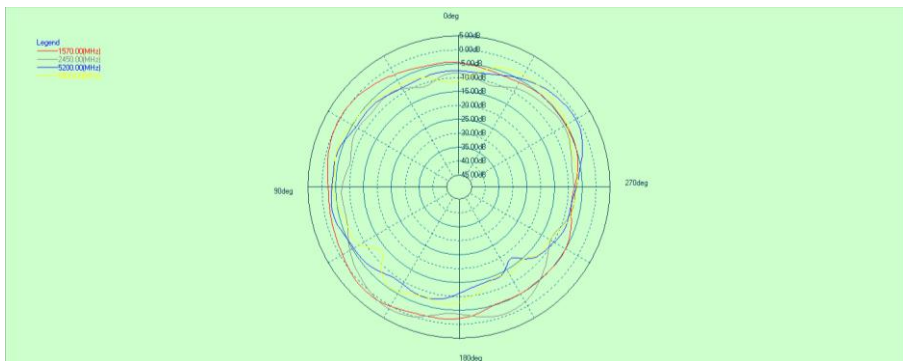
Point Values	Gain (dBi)
Frequency (MHz)	
5730	1.73351
5740	1.87859
5750	1.99453
5760	1.83311
5770	1.75389
5780	1.57857
5790	1.57878
5800	1.59226
5810	1.54316
5820	1.50278
5830	1.56382
5840	1.51535
5850	1.42008

1.2.3 antenna radiation pattern

PHI=0° :



PHI=90° :



THEDA=90° :

