

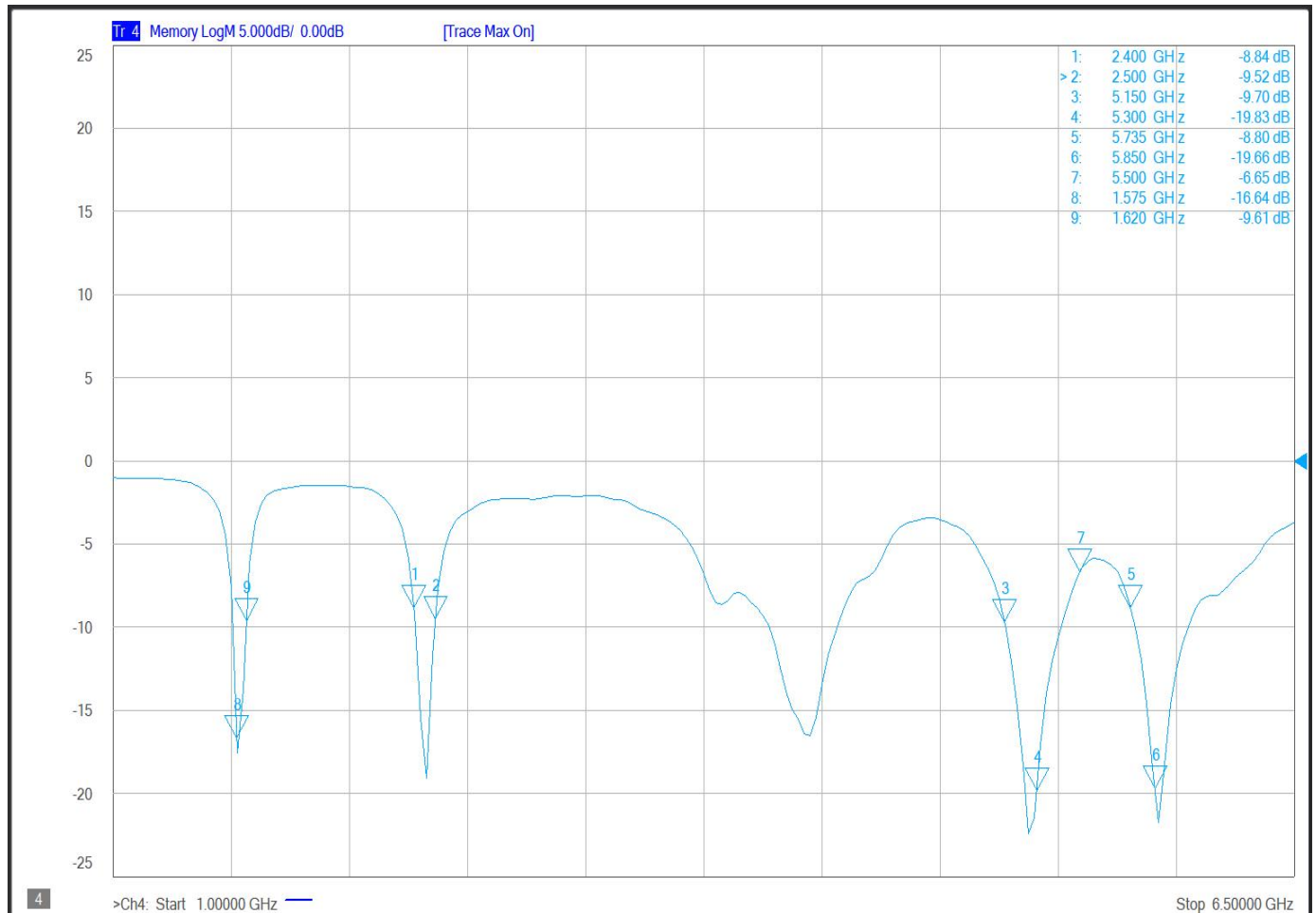
Antenna Specification

Brand	vivo	Model name	V2444
data	2024/11/29	Software version	待定

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) :

T-0356843

Antenna Type :

PIFA

-Antenna Manufacturer :

KunShan INNOWAVE Communication Technology Co.Ltd

Manufacturer Address :

Building H, Jin Land Intelligent Manufacturing Park, No. 55 Shengchuang Road,
Yushan Town, Kunshan City, Jiangsu Province

Gain value is measured by Wang Youxian

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	2024/11/29

1.2.1 test set up (ETS)



Picture two: set up

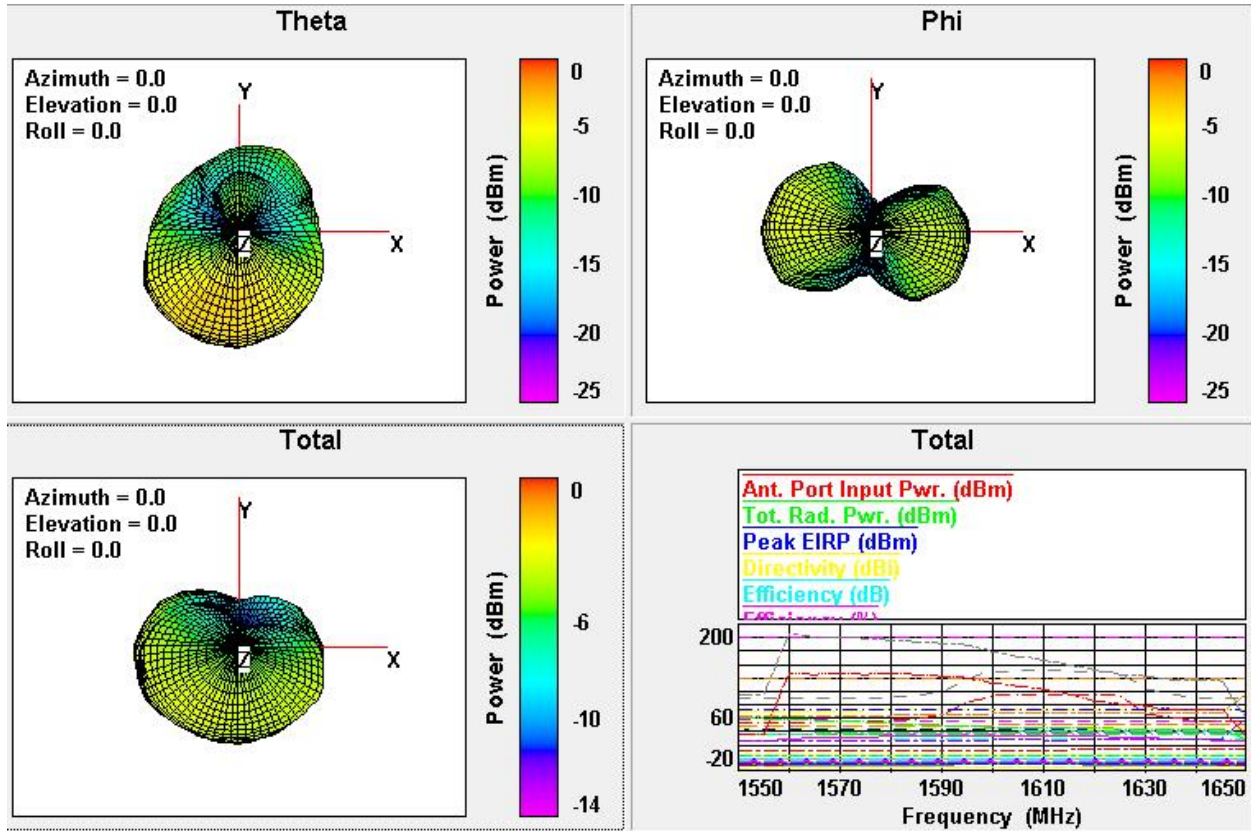
1.2.2 test result

Frequency (MHz)	Gain (dBi)
1550	-1.8
1555	-1.7
1560	-1.6
1565	-1.4
1570	-1.3
1575	-1.2
1580	-1.3
1585	-1.2
1590	-1.3
1595	-1.4
1600	-1.6
1605	-1.7
1610	-2.0
1615	-2.2
1620	-2.5
1625	-2.9
1630	-3.2
1635	-3.5
1640	-3.8
1645	-4.3
1650	-4.8
2400	0.4
2410	0.8
2420	1.1
2430	1.3
2440	1.3
2450	1.5
2460	1.3
2470	1.3
2480	1.1
2490	0.8
2500	0.4
5150	-2.8
5170	-2.0
5190	-1.3
5210	-1.0
5230	-1.6
5250	-0.8
5270	-1.0
5290	-0.8
5310	-0.8

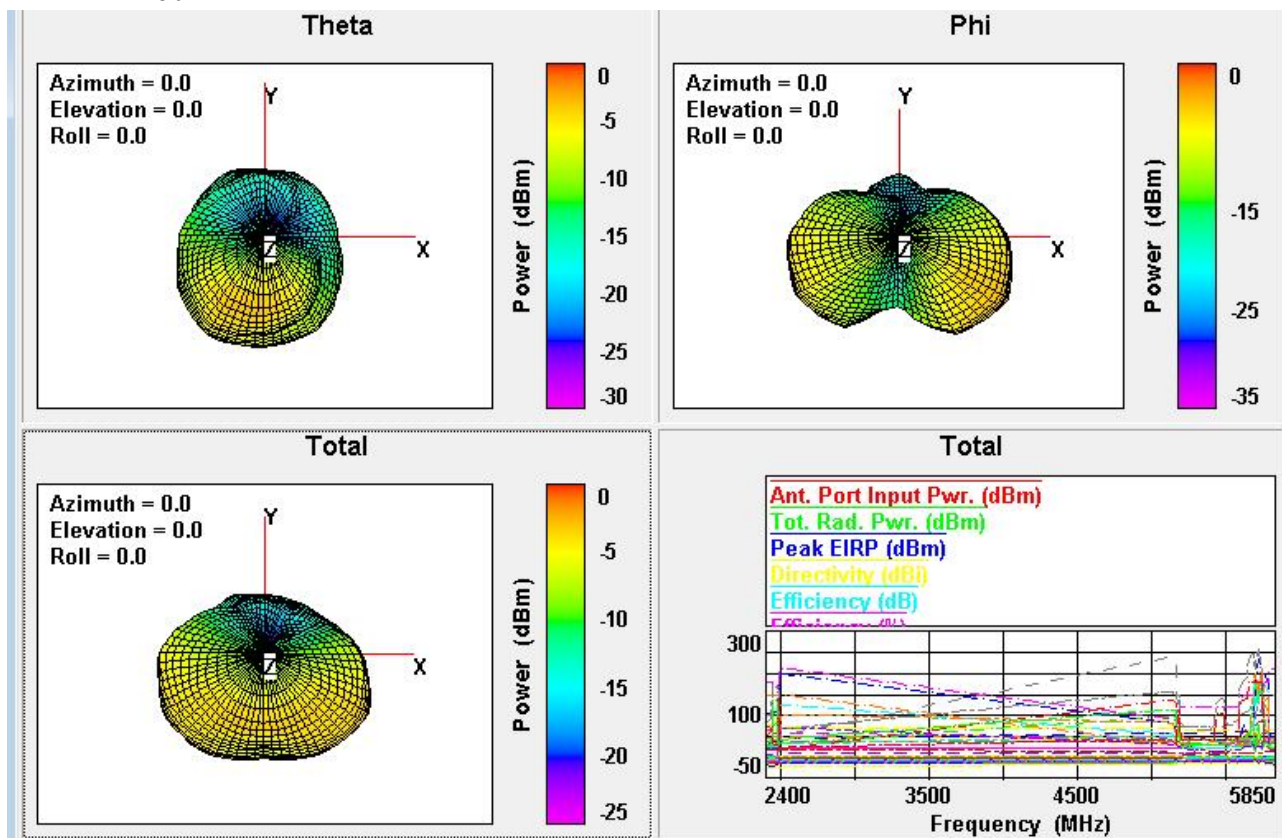
5330	-0.9
5350	-1.2
5370	-0.8
5390	-0.7
5410	-0.7
5430	-1.0
5450	-1.2
5470	-1.0
5490	-1.0
5510	-0.8
5530	-0.6
5550	-0.6
5570	-0.8
5590	-0.4
5610	-0.3
5630	-0.2
5650	-0.1
5670	0.0
5690	-0.8
5710	-0.8
5730	-0.7
5750	-0.3
5770	-0.3
5790	-0.7
5810	-0.7
5830	-0.5
5850	-0.8

1.2.3 antenna radiation pattern

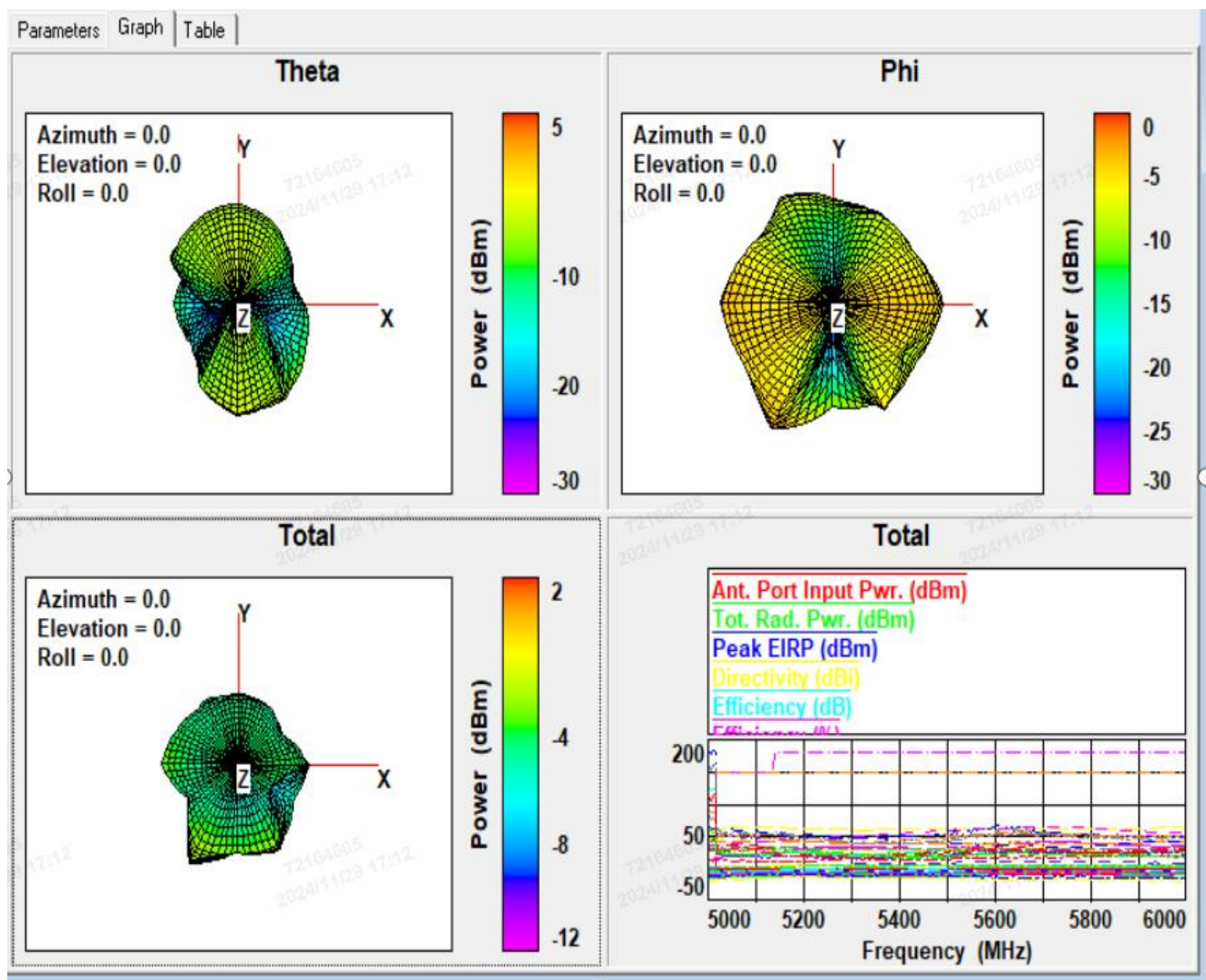
GPS 1575MHz:



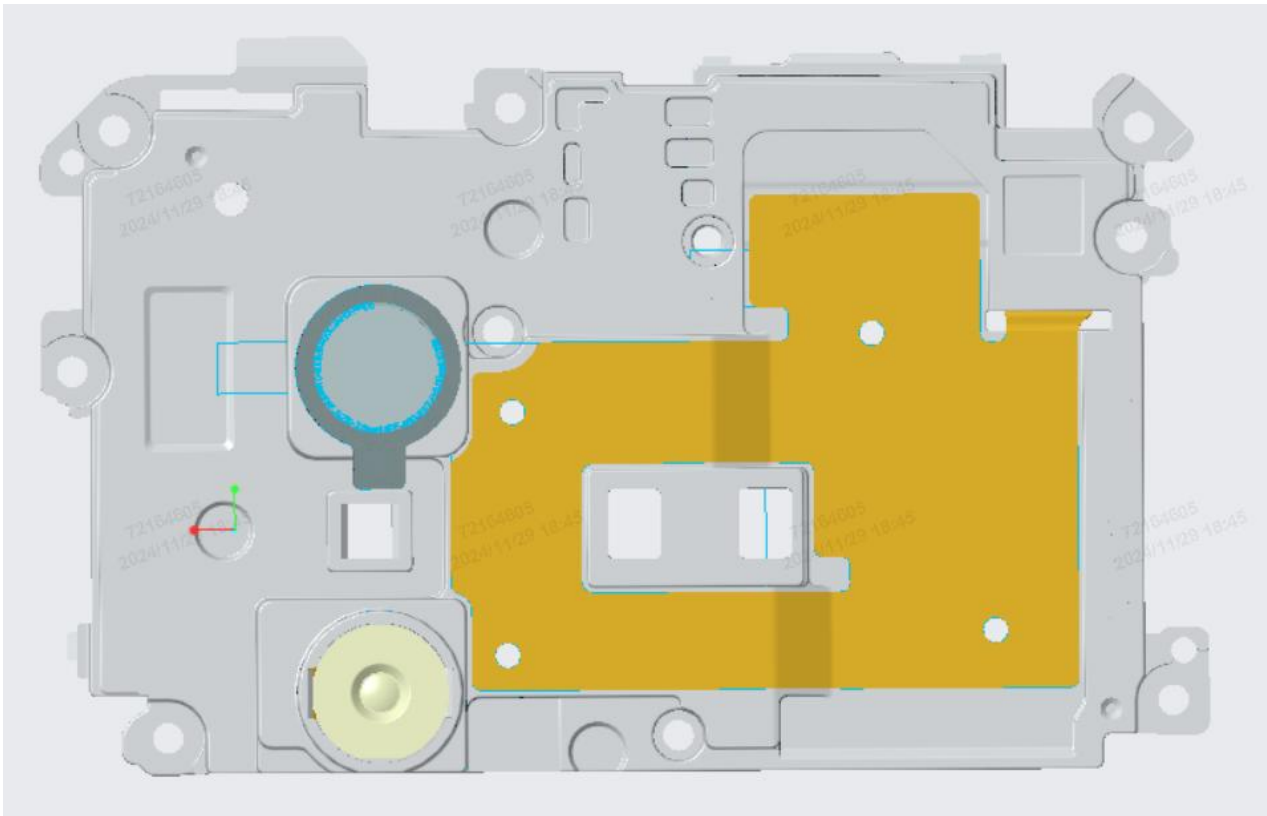
WIFI2.4G 2450MHz:



WiFi5.8G 5790MHz:



2、NFC antenna



2.1 Antenna Type: Loop antenna

2.2 Antenna Dimension(mm): 38.1*17.4*0.23(L*W*H)

2.3 Manufacturer: KunShan INNOWAVE Communication Technology Co.Ltd

2.4 Manufacturer P/N: T-0356848