

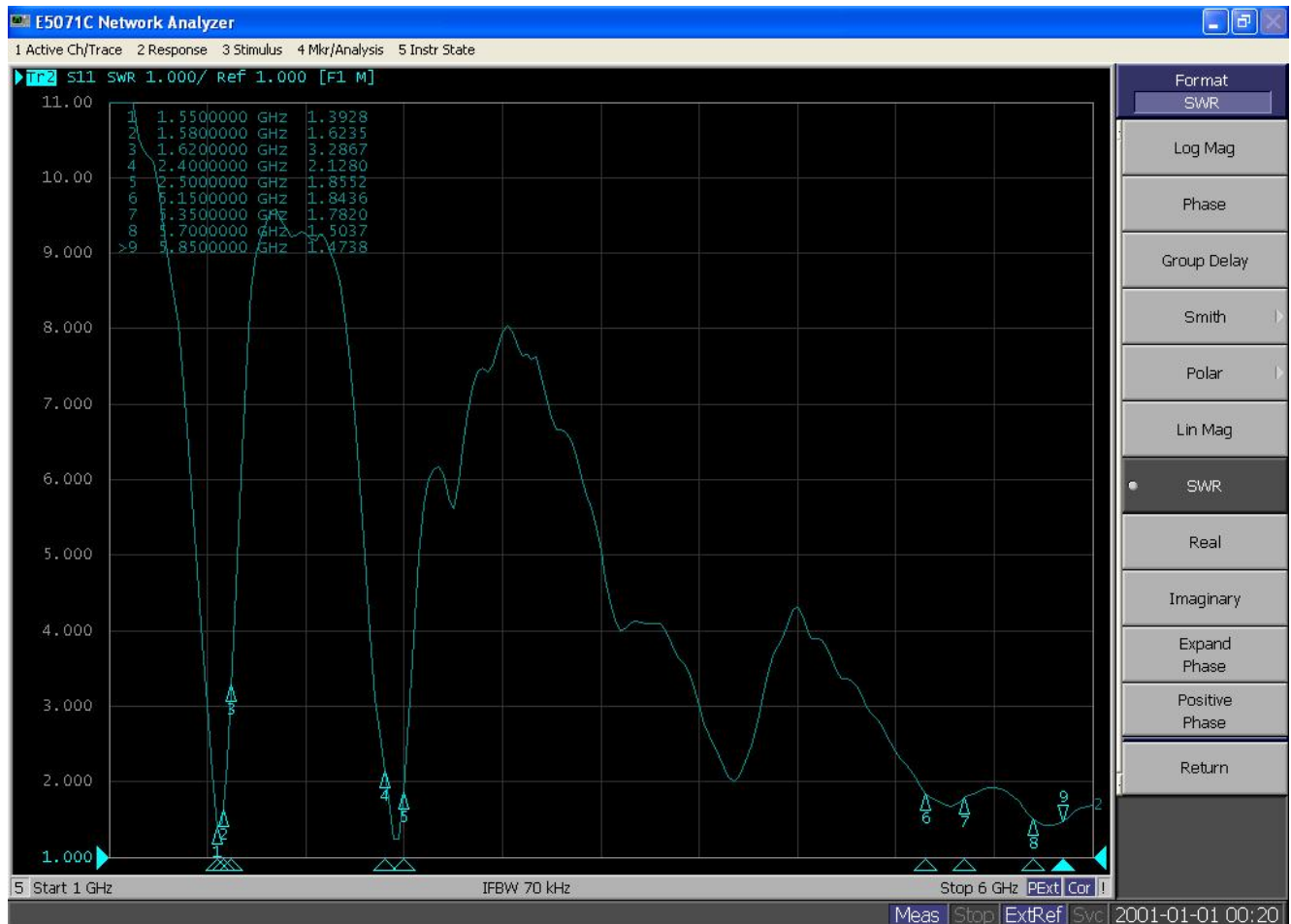
Antenna Specification

Brand	vivo	Model name	V2441
data	2025/1/14	Software version	PD2448F_EX_A_15.0.4.18. 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) : 0760805

-Antenna Type : PIFA

-Antenna Manufacturer : Xiaoge innovation electronic technology Co., LTD

Manufacturer Address : rea 2, Southeast Industrial Park, No.73 Longxi Road,
Jianghai District, Jiangmen City, Guangdong Province, China

Gain value is measured by Huang Yongming

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	2025/1/15

1.2.1 test set up (ETS)



Picture two: set up

1.2.2 test result

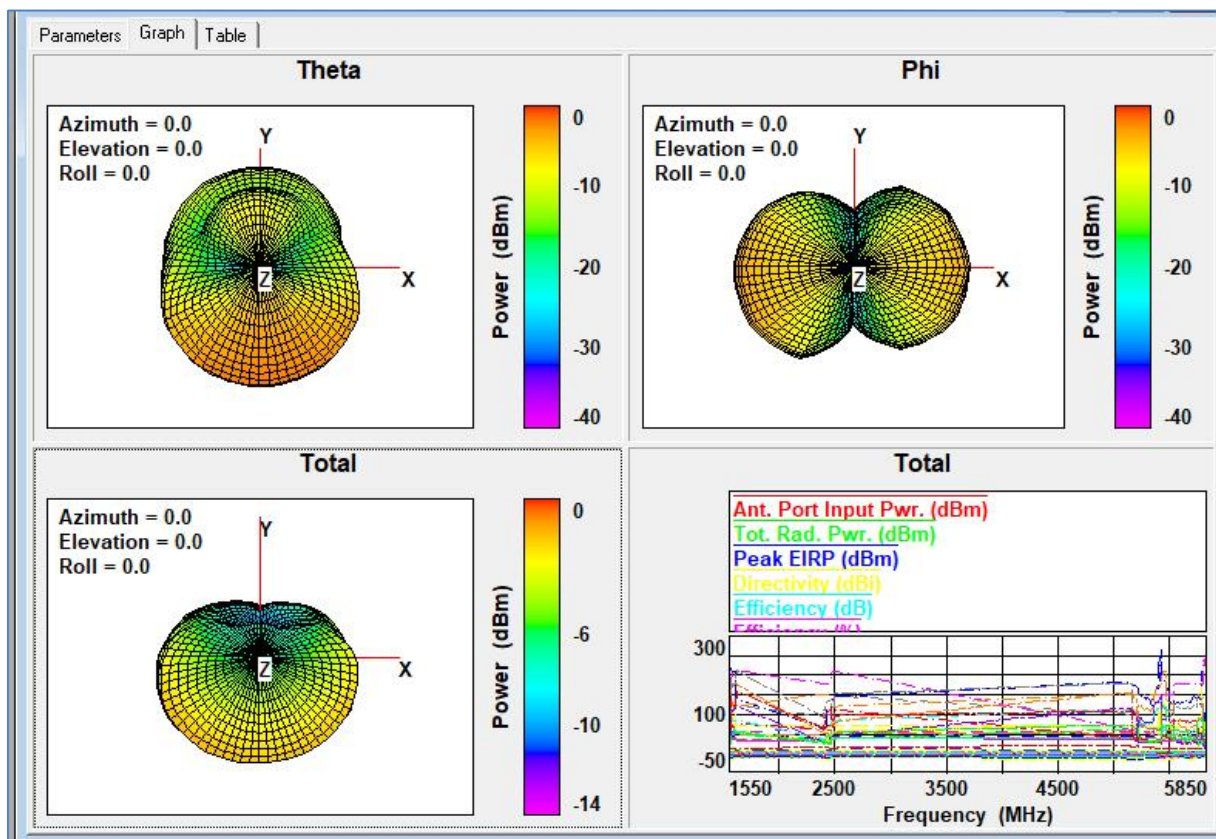
Frequency (MHz)	Gain (dBi)
1550	-0.68
1555	-0.68
1560	-0.67

1565	-0.67
1570	-0.78
1575	-0.77
1580	-0.78
1585	-0.77
1590	-0.85
1595	-0.92
1600	-1.02
1605	-1.12
1610	-1.27
1615	-1.44
1620	-1.59
2400	-0.47
2410	-0.18
2420	0.04
2430	0.16
2440	0.26
2450	0.46
2460	0.59
2470	0.56
2480	0.29
2490	-0.10
2500	-0.44
5150	-1.36
5170	-1.08
5190	-0.79
5210	-0.86
5230	-0.76
5250	-1.24
5270	-1.63
5290	-1.71
5310	-1.70
5330	-1.78
5350	-1.87
5370	-1.73
5390	-1.90
5410	-1.96
5430	-2.25
5450	-2.26
5470	-2.08
5490	-1.79
5510	-1.29
5530	-1.02
5550	-0.68
5570	-0.36

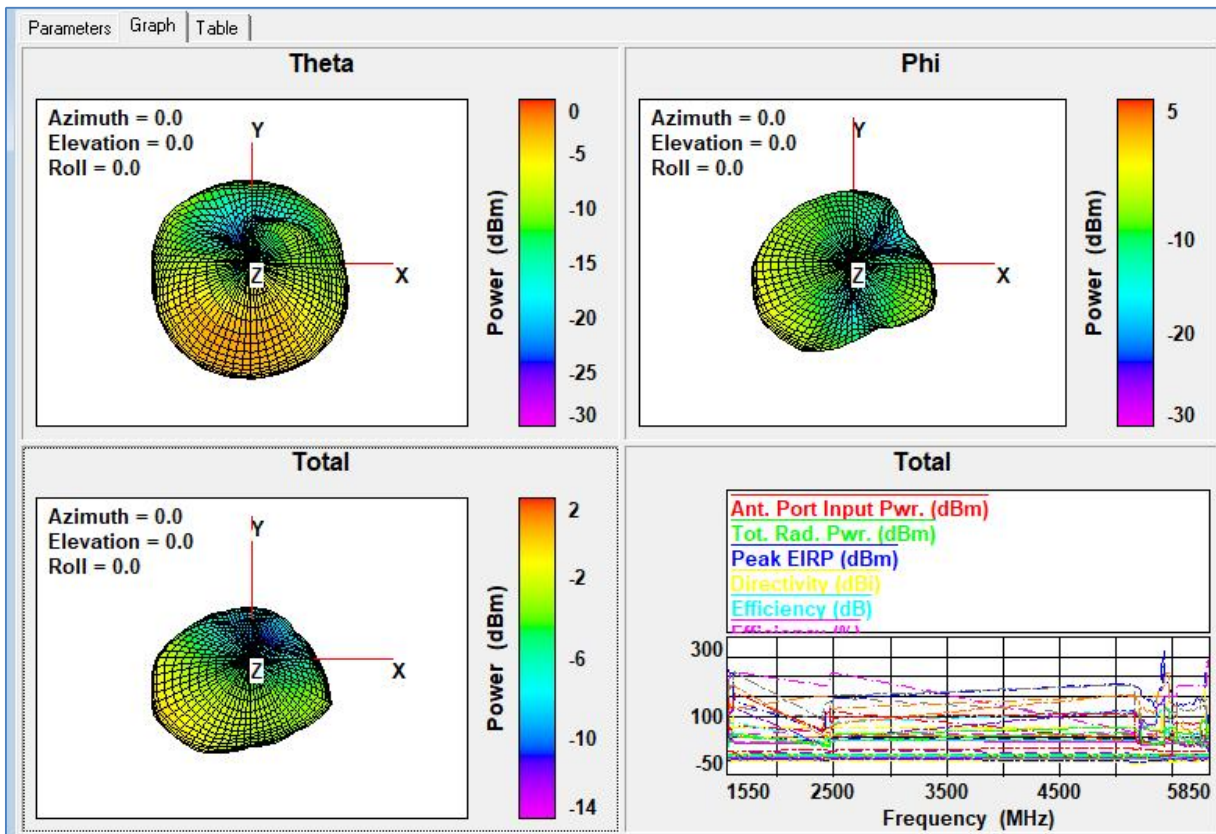
5590	-0.04
5610	0.37
5630	0.46
5650	0.56
5670	0.44
5690	0.54
5710	0.50
5730	0.44
5750	0.45
5770	0.21
5790	-0.06
5810	-0.17
5830	0.17
5850	0.08

1.2.3 antenna radiation pattern

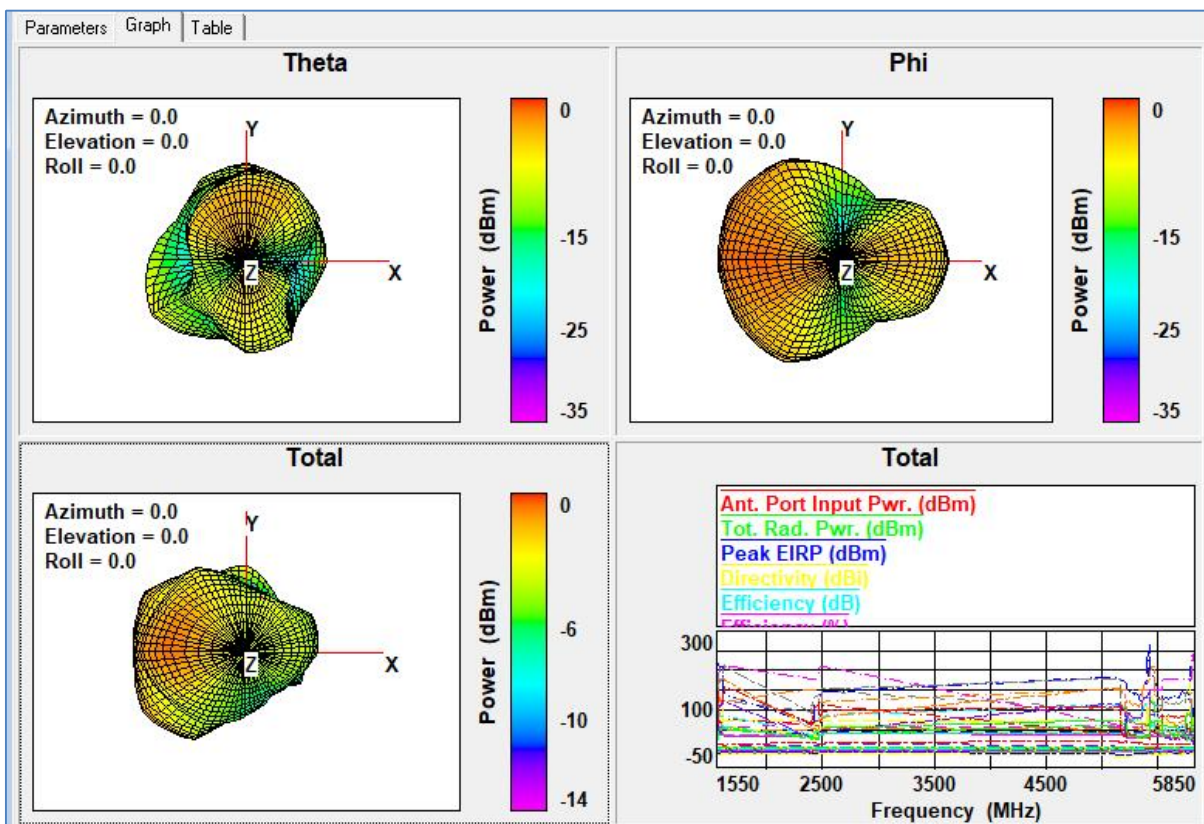
GPS 1575MHz:



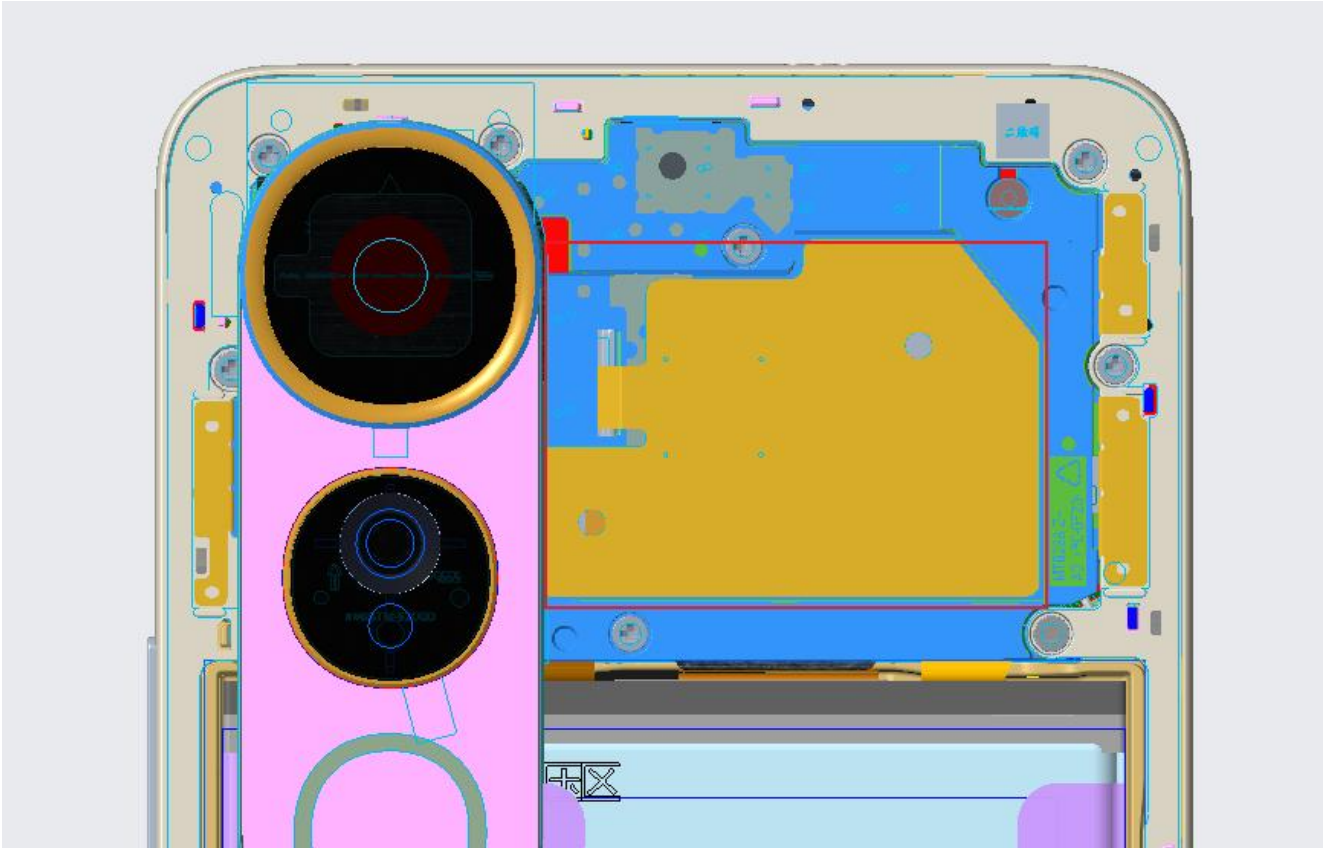
WIFI2.4G 2450MHz:



WIFI5.8G 5790MHz:



2、NFC antenna



2.1 Antenna Type: Loop antenna

2.2 Antenna Dimension(mm): 36.38*26.25*0.22(L*W*H)

2.3 Manufacturer: Innwave Communication Technology Co., Ltd.

2.4 Manufacturer P/N: 0760799