

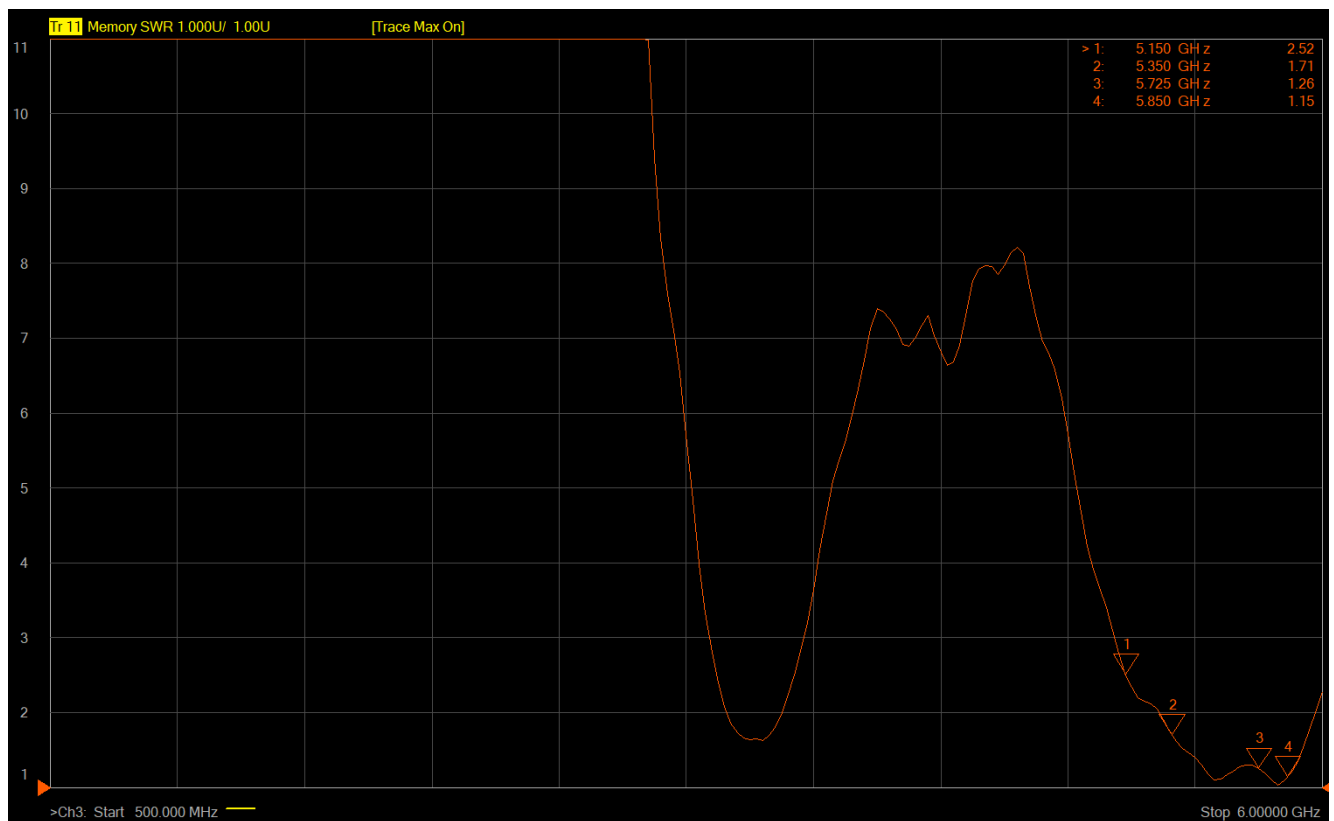
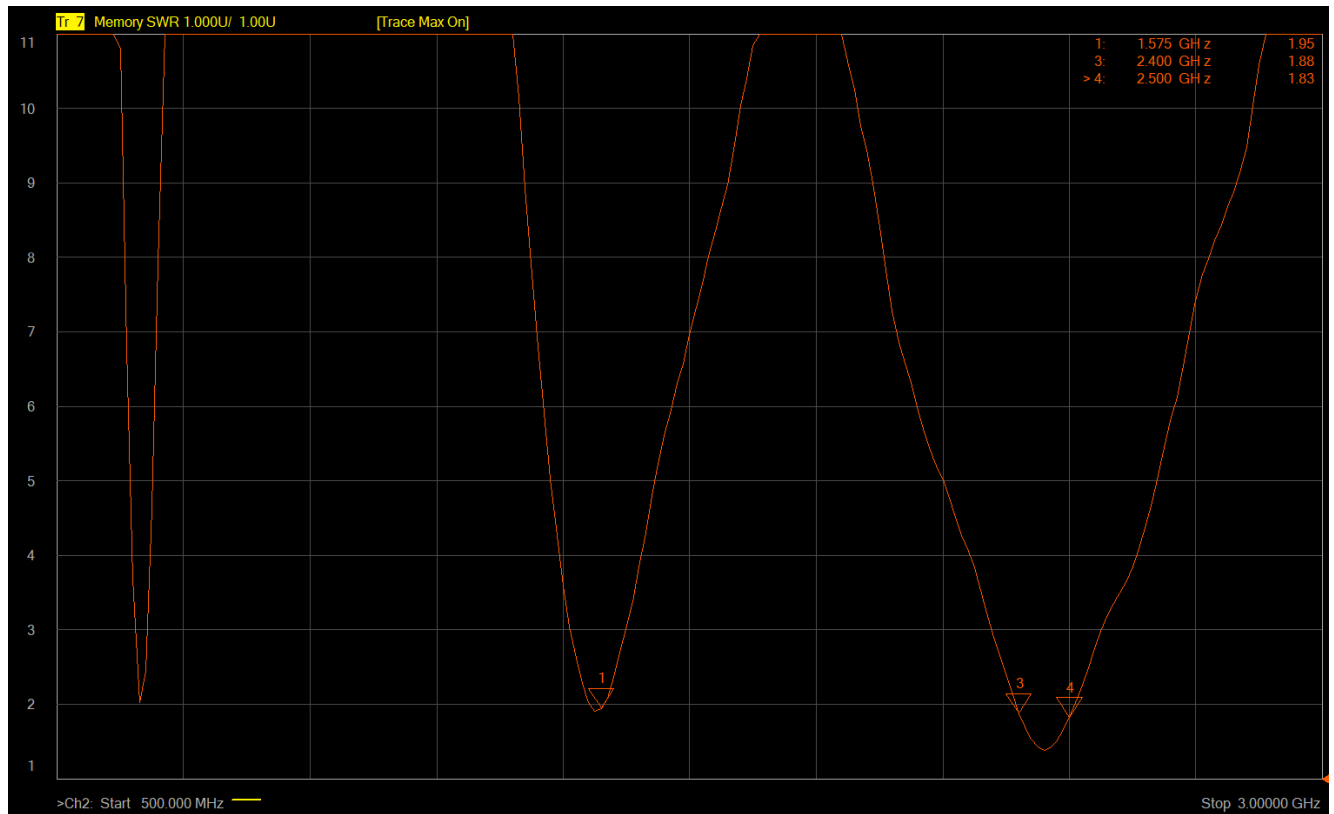
Antenna Specification

Brand	vivo	Model name	V2604
data	2026/3/20	Software version	PD2558_EX_A_16. 0. 6. 0. W30

1、Test

1.1 VSWR test

1.1.1 VSWR



1.2 BT/wifi/GPS antenna Gain test

BT/wifi/GPS antenna

- Model name (P/N) : ET3091B

-Antenna Type : IFA

-Antenna Manufacturer : Dongguan Zhouhuang Plastic Hardware Products Co., Ltd..

Manufacturer Address :No. 9, Zhenan Science Park West Road, Chang'an Town,
Dongguan City

Gain value is measured by Wang Youxian *WangYouxian*

Gain Value is measured in active call & Antenna selection.

Antenna gain is measured in ETS Chamber.

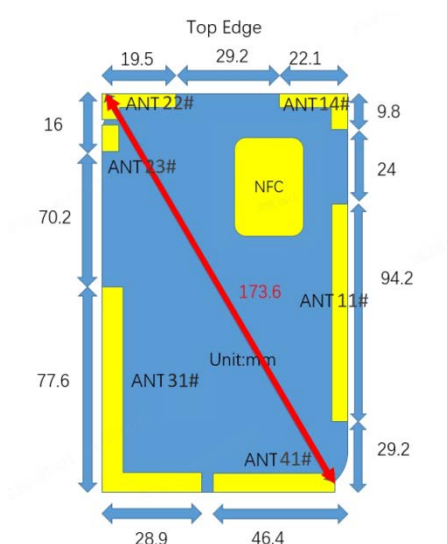
Test Equipment list

Description	Manufacturer	Model	Cal date	Due date
Passive test equipment	Keysight	E5071C	2025/10/10	2026/10/10

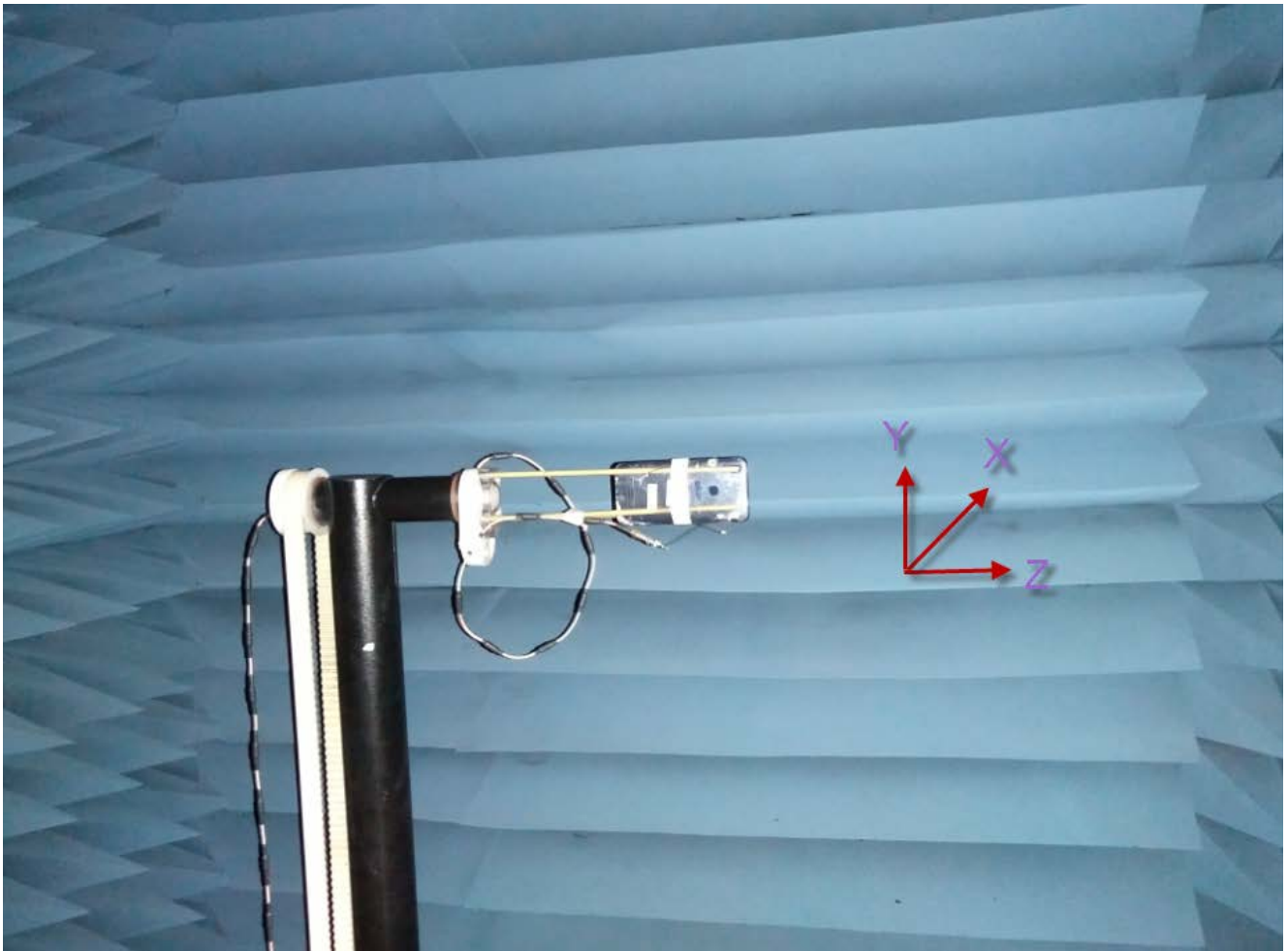
-Antenna diagram and Antenna dimensions:

Ant 22#: 2.4GWIFI / BT / GPS

Ant 23#: 5GWIFI



1.2.1 test set up (ETS)



Picture two: set up

1.2.2 test result

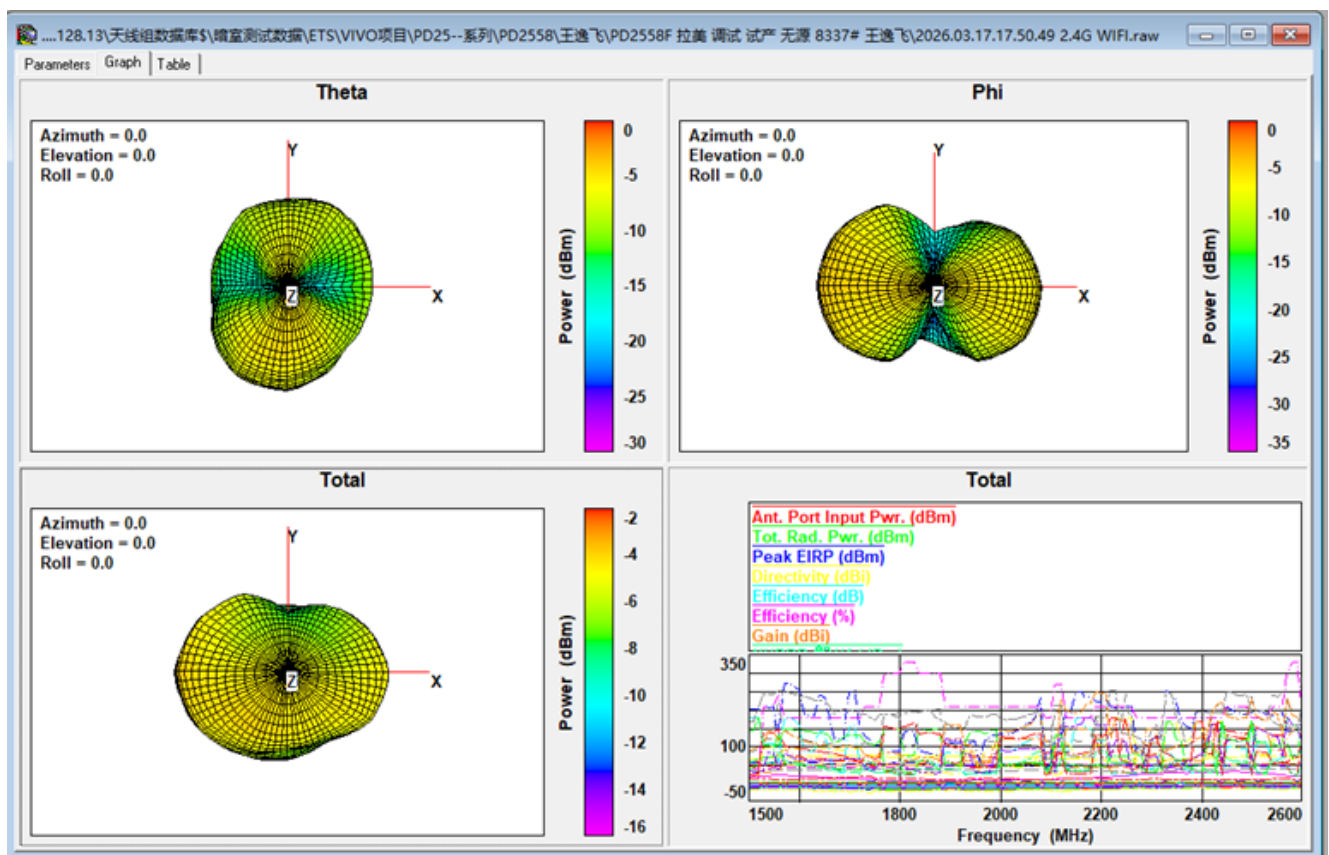
Frequency (MHz)	Gain (dBi)
1550	-3.58
1555	-3.6
1560	-3.65
1565	-3.7
1570	-3.72
1575	-3.7
1580	-3.66
1585	-3.6
1590	-3.58
1595	-3.57
1600	-3.55
1605	-3.5
1610	-3.38
1615	-3.4
2400	-1.99

2410	-1.98
2420	-2.04
2430	-2.15
2440	-2.18
2450	-2.24
2460	-2.08
2470	-1.95
2480	-2.04
2490	-2.39
2500	-2.70
5150	0.22
5170	0.12
5190	-0.53
5210	-1.41
5230	-1.45
5250	-1.61
5270	-1.21
5290	-0.54
5310	-0.29
5330	-0.03
5350	-0.26
5370	-0.46
5390	-0.91
5410	-0.96
5430	-1.43
5450	-1.94
5470	-1.77
5490	-1.26
5510	-1.21
5530	-0.9
5550	-1.02
5570	-1.35
5590	-0.93
5610	-0.54
5630	-0.19
5650	-0.5
5670	-1.11
5690	-0.94
5710	-0.95
5730	-0.28
5750	0.31
5770	0.41
5790	0.2
5810	-0.22
5830	-0.07

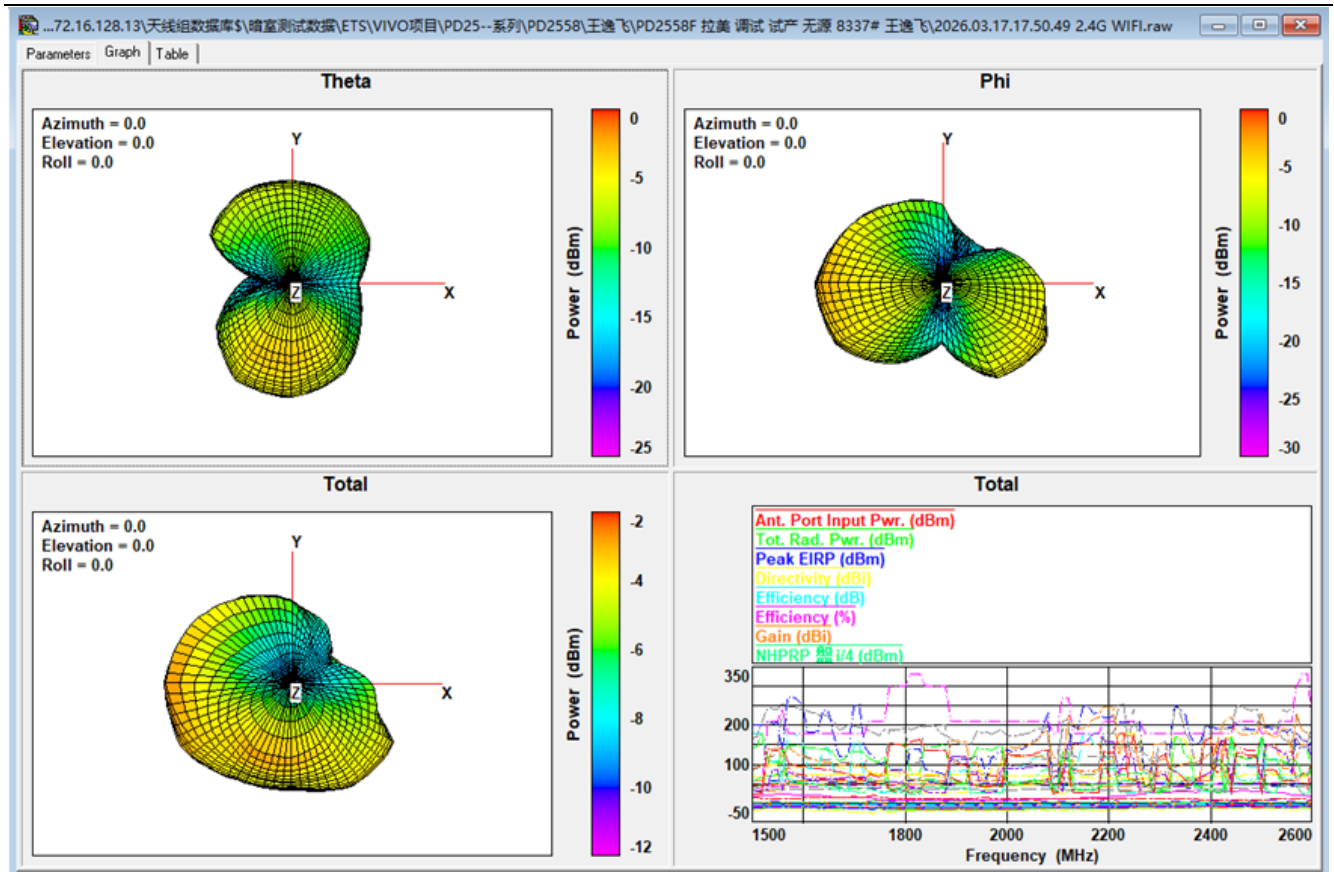
5850	-0.66

1.2.3 antenna radiation pattern

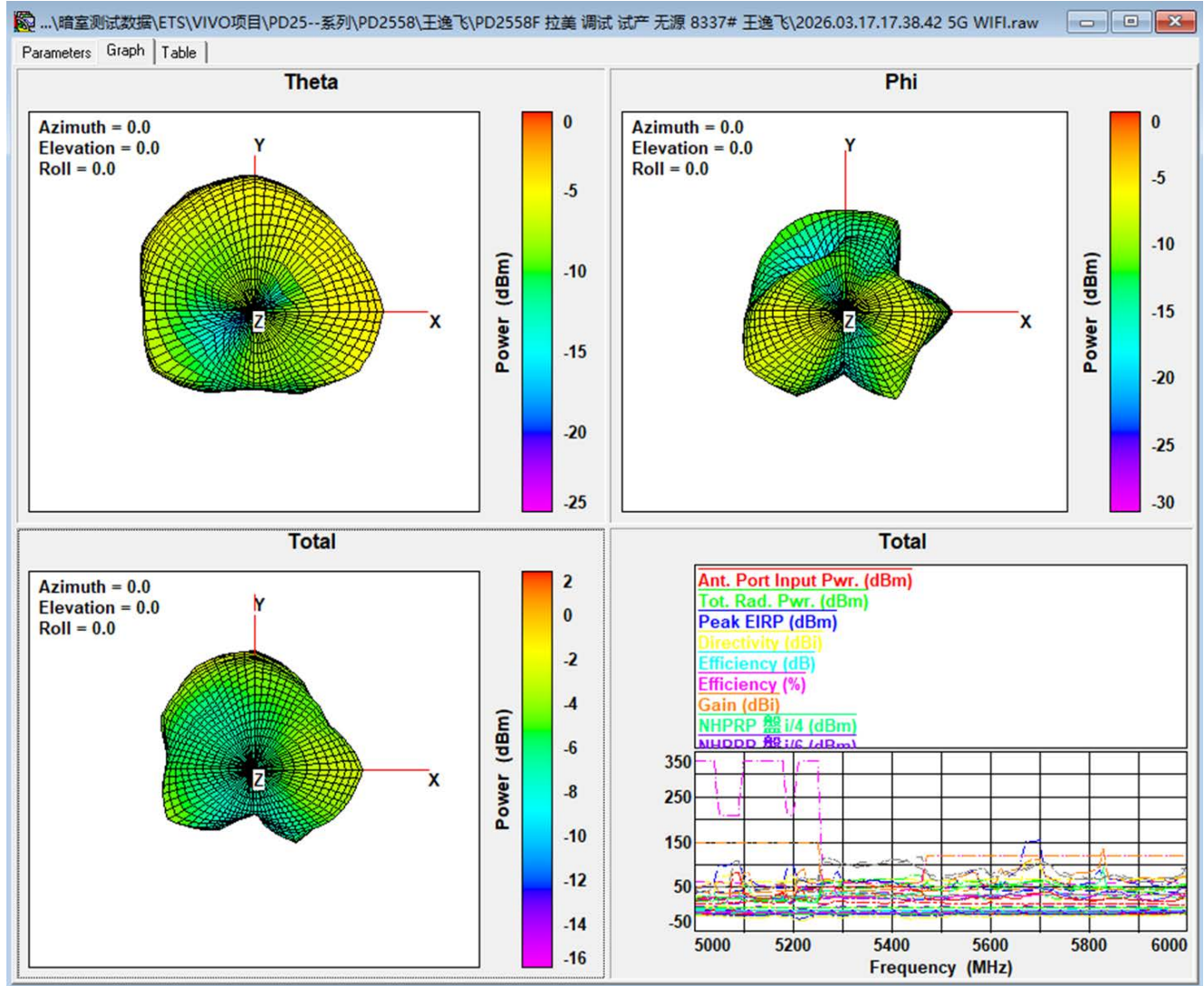
GPS 1575MHz:



WIFI2.4G 2450MHz:



WIFI5.8G 5790MHz:



2.NFC Antenna



2.1 Antenna type: Loop antenna

2.2 Antenna Dimension (mm) :30.74*20.57*0.17

2.3 Manufacturer: Kunshan Innwave Communication Technology Co., Ltd.

2.4 Manufacturer P/N: MTF321