

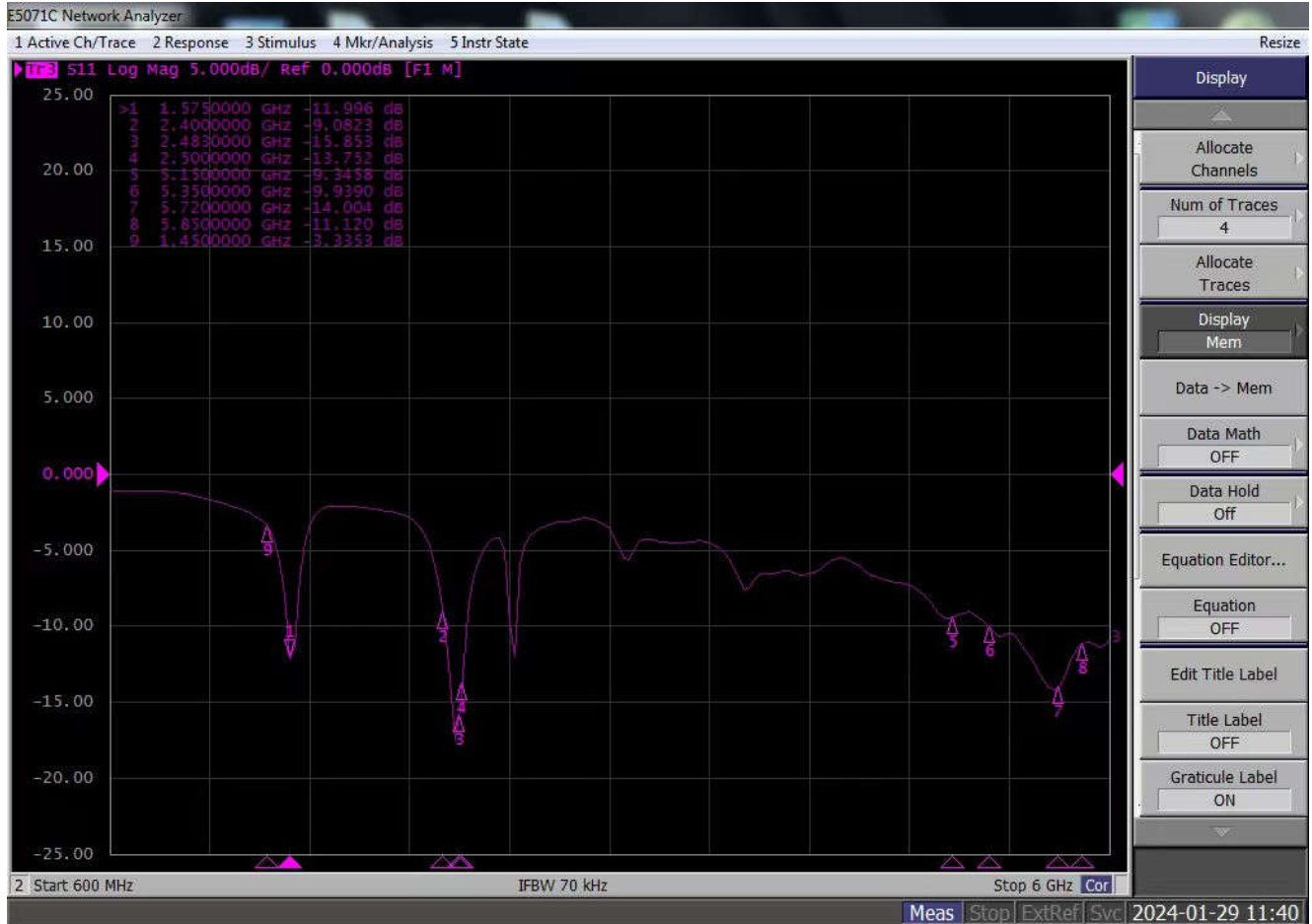
Antenna Specification

Brand	vivo	Model name	PD2354
data	2024/3/1	Software version	PD2354F_EX_A_14.0 .4.3.W30.V000L1

1、Test

1.1 S11 test

1.1.1 S11



Picture one: S11

1.2 BT/wifi/GPS antenna Gain test

BT/wifi/GPS antenna

- Model name (P/N) : 0760705

-Antenna Type : PIFA

-Antenna Manufacturer : Sunway Communication (Shen Zhen) corp .

Manufacturer Address :1013, Xihuan Rd., Shajing Town, Bao'an District, Shenzhen,
P.R. China

Gain value is measured by *Wang qichao*

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	2023/5/6

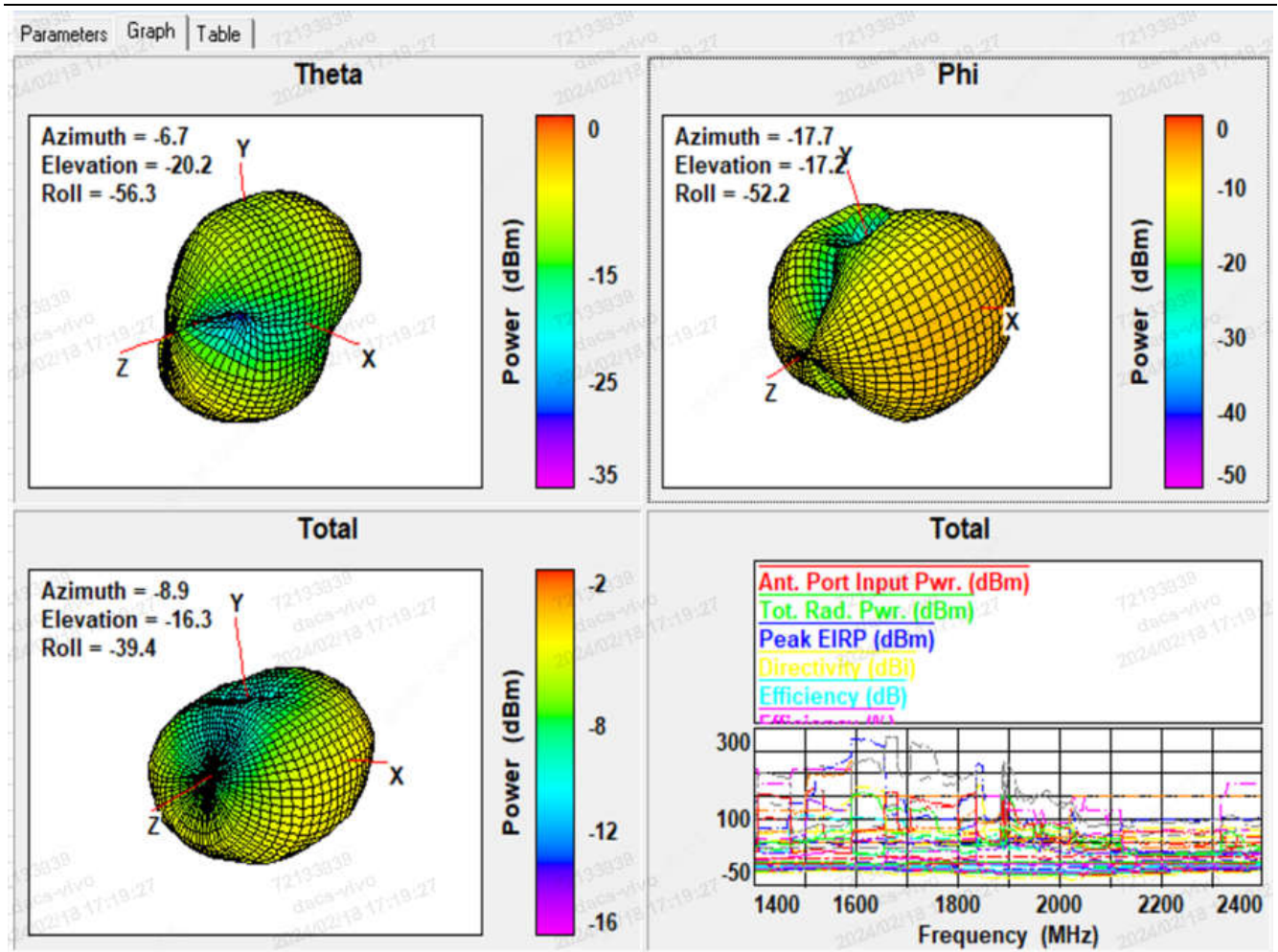
1.2.1 test result

Frequency (MHz)	Gain (dBi)
1550	-3.6
1555	-4.0
1560	-4.5
1565	-4.7
1570	-5.1
1575	-5.3
1580	-5.7
1585	-6.0
1590	-6.2
1595	-6.4
1600	-6.7
1605	-6.9
1610	-7.1
1615	-7.4
1620	-7.6
1625	-7.9
1630	-8.1
1635	-8.3
1640	-8.6
1645	-9.0
1650	-9.3
2400	0.3
2410	0.3
2420	0.4
2430	0.3
2440	0.4
2450	0.4
2460	0.6
2470	0.7
2480	0.6
2490	0.3
2500	0.1

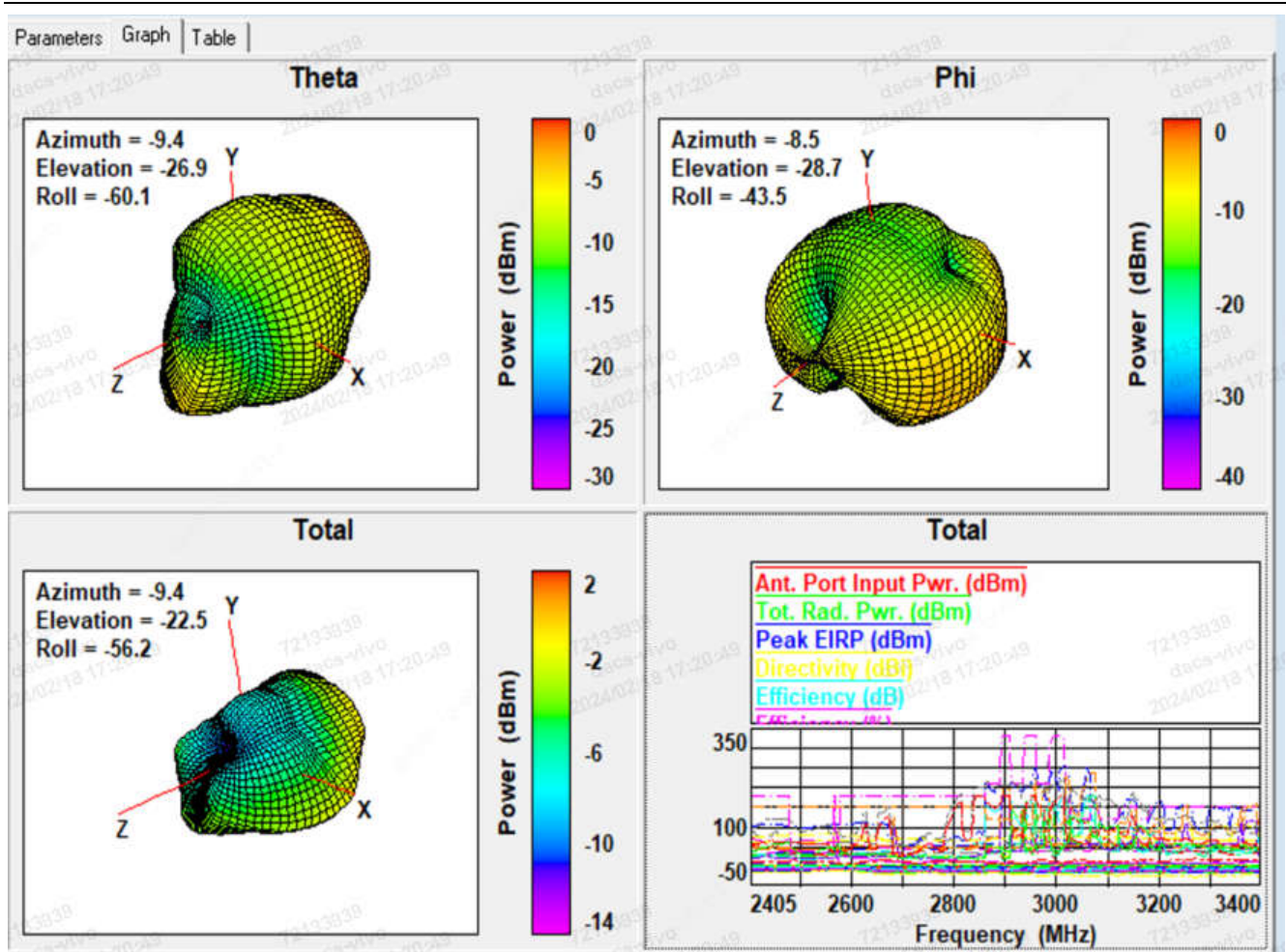
5140	0.5
5160	0.7
5180	1.4
5200	1.7
5220	2.2
5240	2.4
5260	2.6
5280	2.8
5300	2.9
5320	3.3
5340	3.3
5360	3.2
5380	3
5400	2.8
5420	2.7
5440	2.5
5460	2.3
5480	2.4
5500	2.7
5520	2.8
5540	3.3
5560	3.4
5580	3.3
5600	3.2
5620	3.3
5640	3.4
5660	3.2
5680	3
5700	3
5720	2.9
5740	3.2
5760	3.3
5780	3.2
5800	3.3
5820	3.5
5840	3.4

1.2.2 antenna radiation pattern

GPS 1575MHz:



WIFI2.4G 2450MHz:



WIFI5.8G 5790MHz:

