

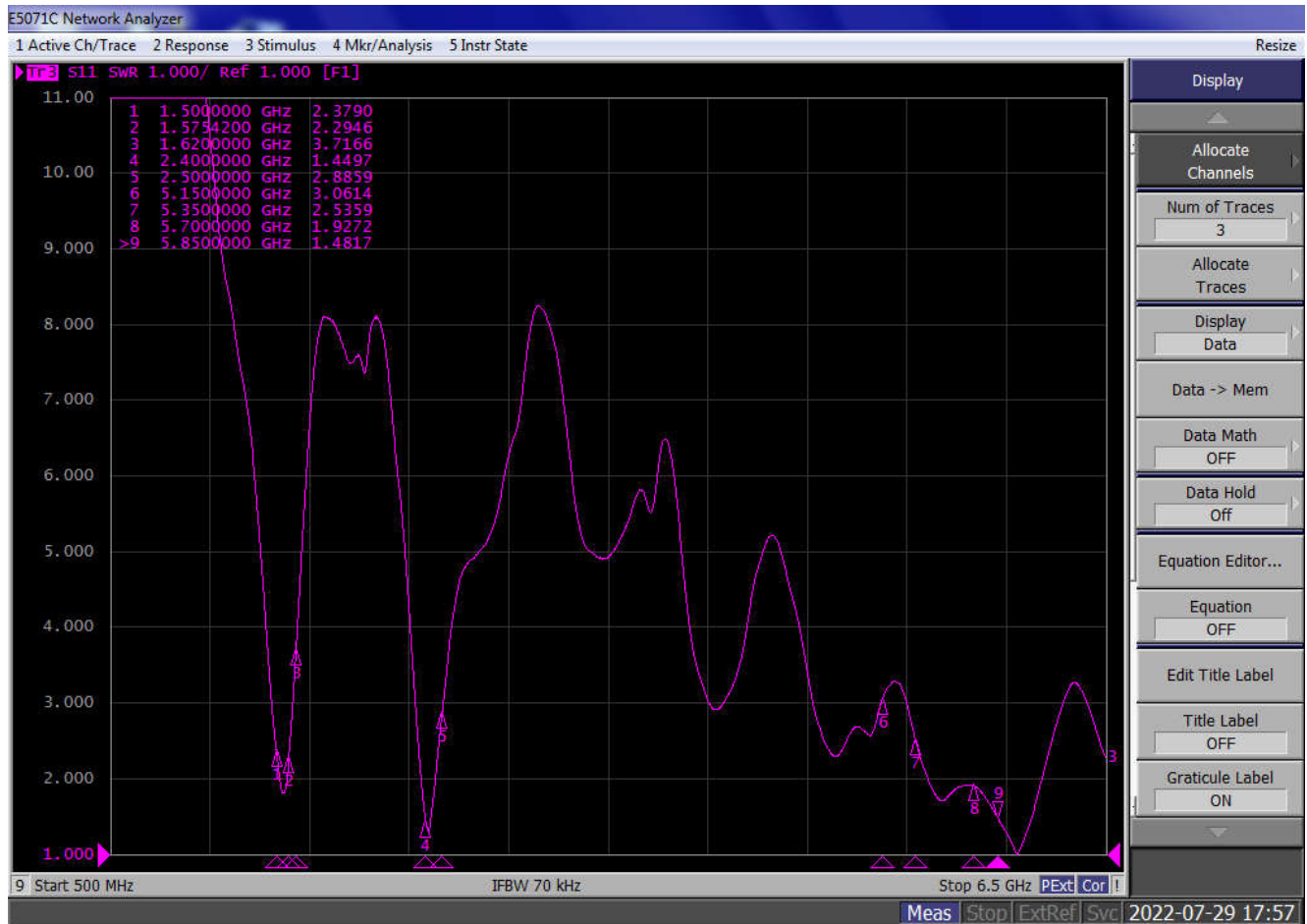
Antenna Specification

Brand	vivo	Model name	V2208
data	2022/9/14		

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

-Antenna Type : PIFA

-Antenna Manufacturer : Webcomic communication (Kun Shan) corp .

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	2023/5/6

1.2.1 test result

Frequency (MHz)	Gain (dBi)
1550	-1.6
1555	-1.4
1560	-1.1
1565	-0.9
1570	-0.8
1575	-0.7
1580	-0.6
1585	-0.6
1590	-0.5
1595	-0.5
1600	-0.5
1605	-0.5
1610	-0.5
1615	-0.7
1620	-0.6
1625	-0.7
1630	-0.9
1635	-0.9

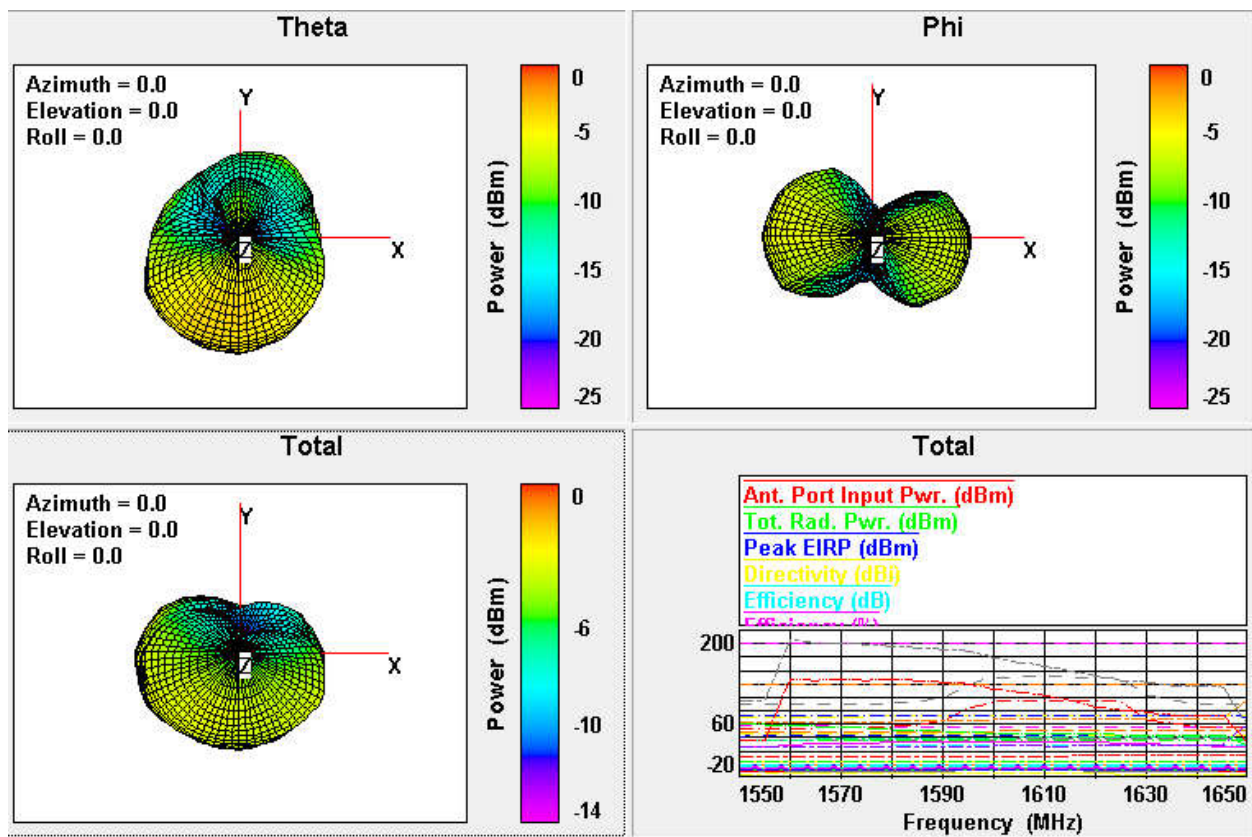
1640	-1.1
1645	-1.3
1650	-1.5
2400	-2.5
2410	-2.3
2420	-2.0
2430	-1.9
2440	-1.9
2450	-1.9
2460	-2.0
2470	-2.1
2480	-2.3
2490	-2.6
2500	-2.9
5150	-0.8
5170	0.2
5190	0.1
5210	0.6
5230	-1.4
5250	-2.3
5270	-2.6
5290	-2.6
5310	-2.4

5330	-2.3
5350	-2.2
5370	-2.8
5390	-2.7
5410	-2.6
5430	-2.8
5450	-3.1
5470	-3.0
5490	-3.0
5510	-3.4
5530	-3.6
5550	-3.2
5570	-3.5
5590	-3.5
5610	-3.8
5630	-3.4
5650	-3.6
5670	-3.8
5690	-3.5
5710	-3.5
5730	-3.6
5750	-3.8
5770	-3.9

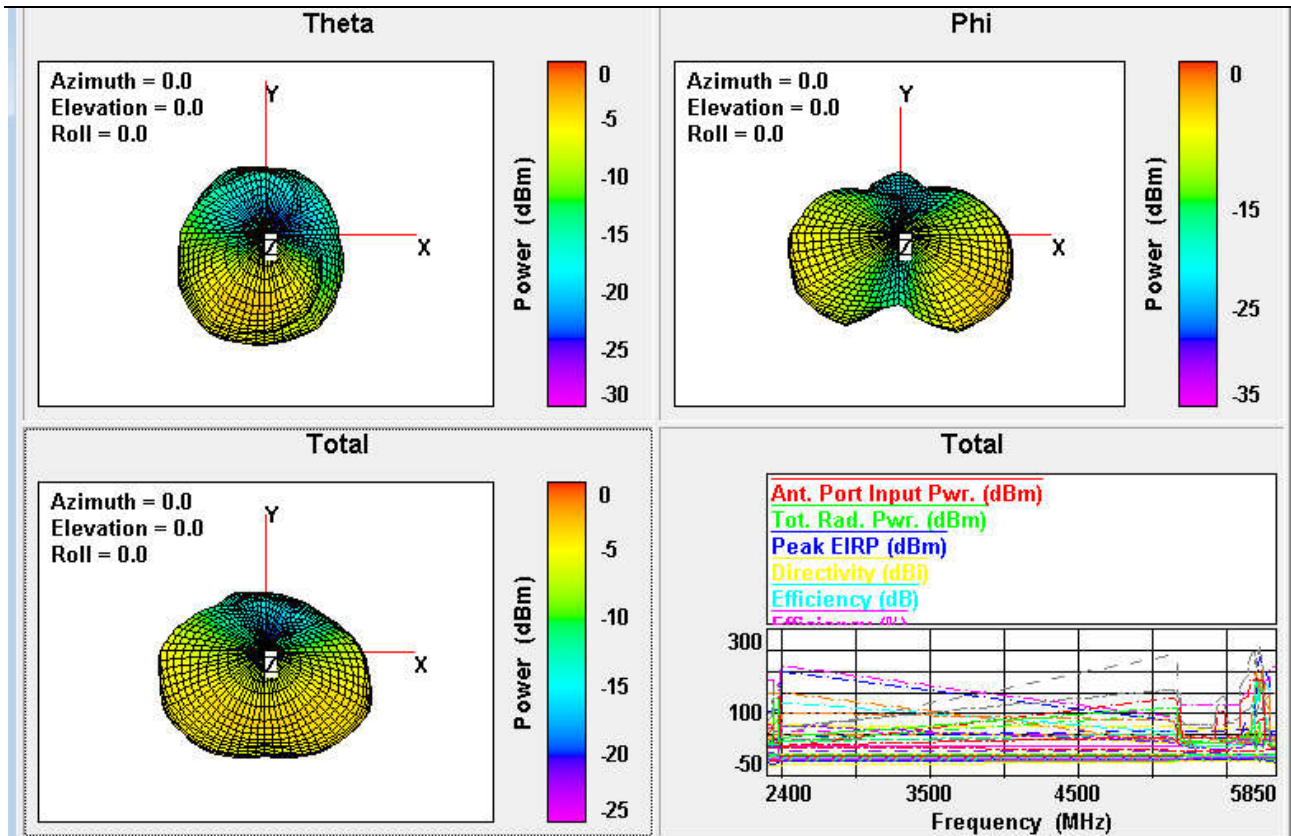
5790	-3.9
5810	-3.6
5830	-3.7
5850	-3.5

1.2.2 antenna radiation pattern

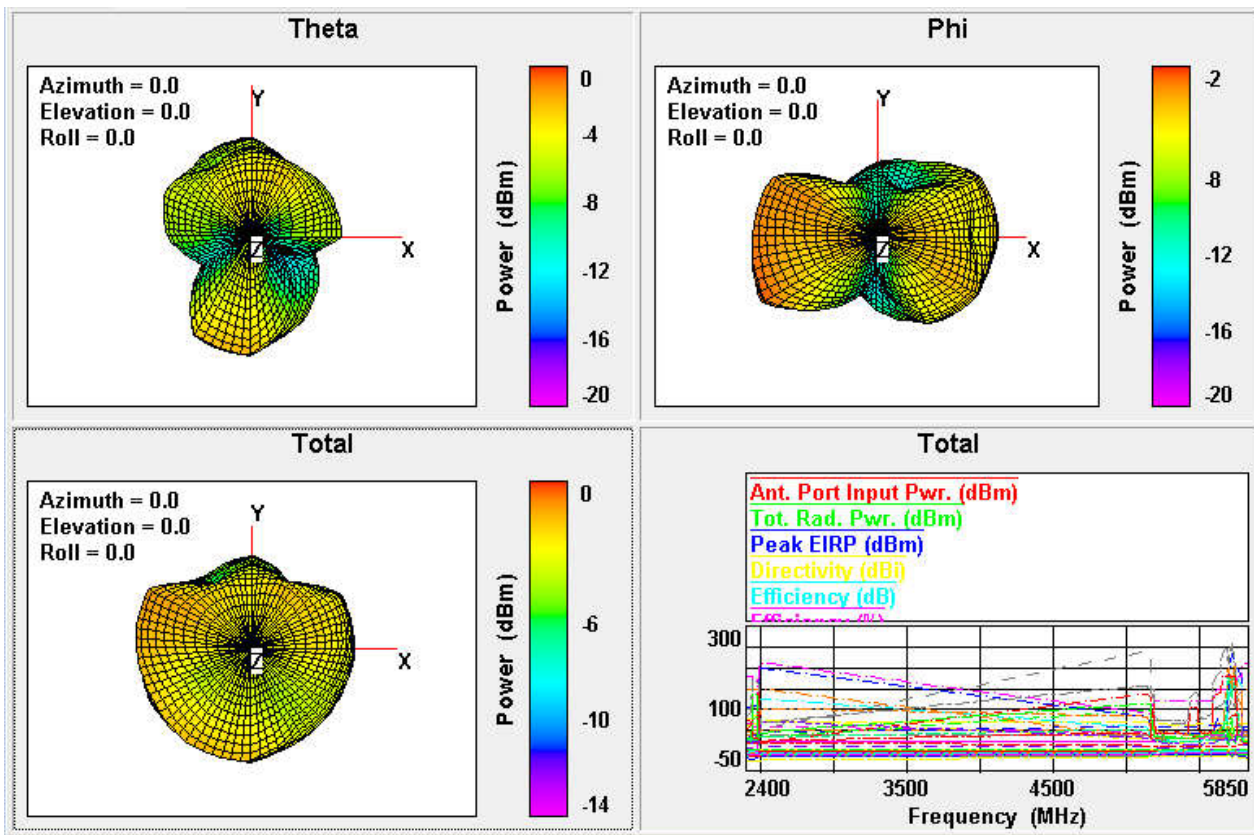
GPS 1575MHz:



WiFi2.4G 2450MHz:



WiFi5.8G 5790MHz:



2、NFC antenna

2.1 Antenna Type: Loop antenna

2.2 Antenna Dimension(mm): 44.6*17.9*0.23(L*W*H)

2.3 Manufacturer: Wistron Neweb Corp.

2.4 Manufacturer P/N: ET3097