

Antenna Performance Description

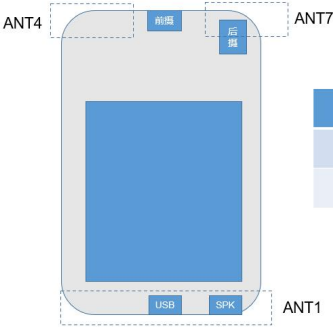
Host equipment:
Mobile Phone
Host equipment model name:
Report issued date: 2022/10/09

Antenna	Model Name	Antenna Pattern	Antenna Type	Manufacturer	Test party of Antenna gain
ANT1	AL6390A	FPC	IFA Antenna	Kun Shan Innowave Communication Technology Co., Ltd.	Kun Shan Innowave Communication Technology Co., Ltd.
ANT5	AL6390A	FPC	IFA Antenna	Kun Shan Innowave Communication Technology Co., Ltd.	Kun Shan Innowave Communication Technology Co., Ltd.
ANT7	AL6390A	FPC	IFA Antenna	Kun Shan Innowave Communication Technology Co., Ltd.	Kun Shan Innowave Communication Technology Co., Ltd.

Top
ANTI SAR sensor

Left

Bottom

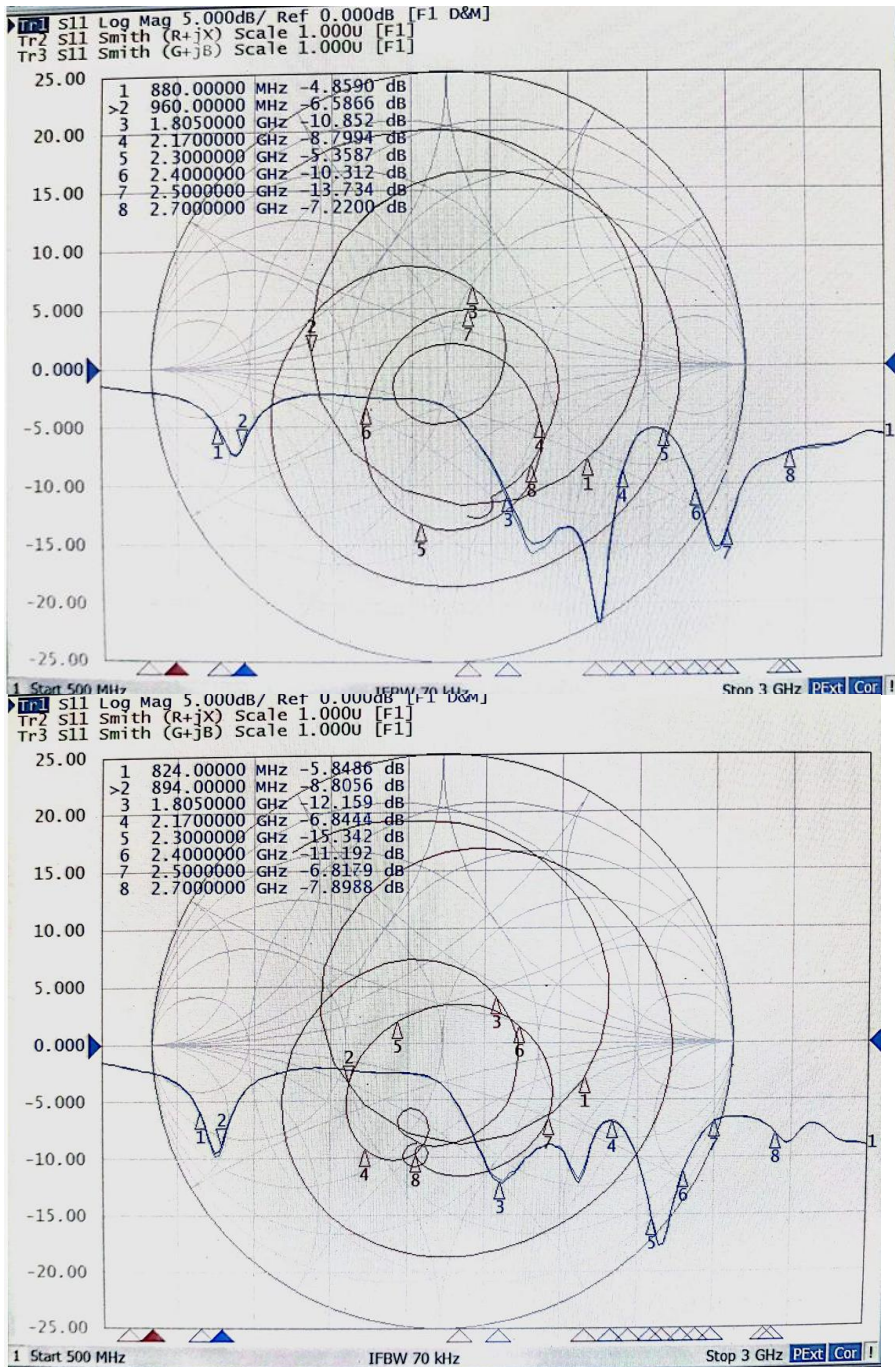


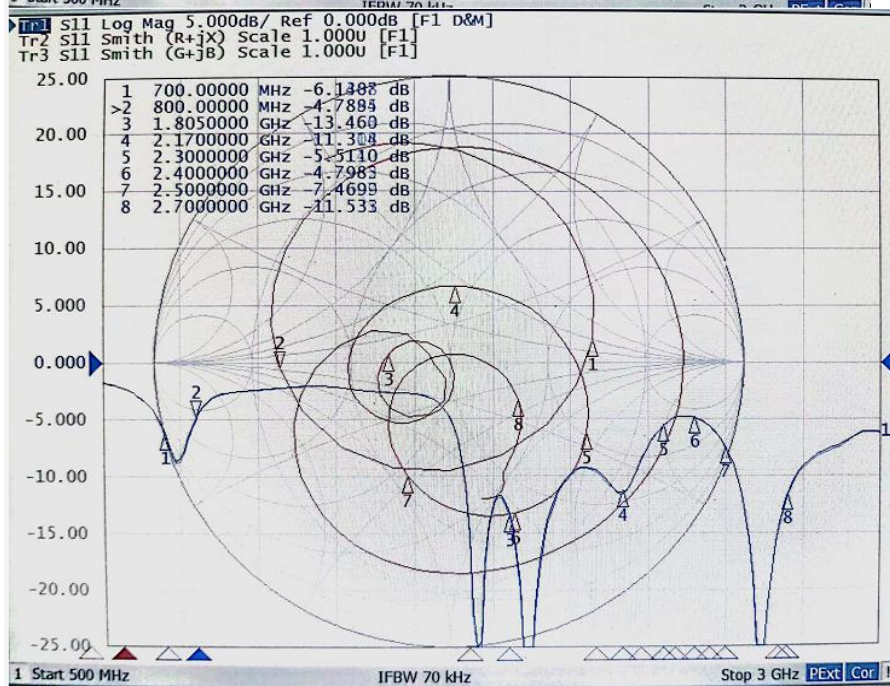
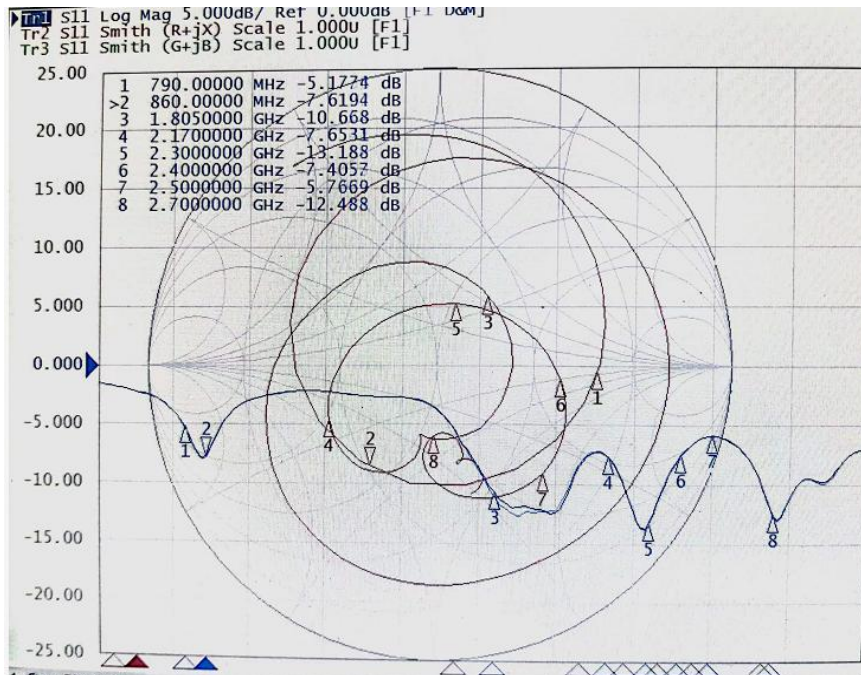
ANT1	2G/3G/4G
ANT4	2G/3G/4G
ANT7	Wifi 2.4G/Wifi 5G/BT

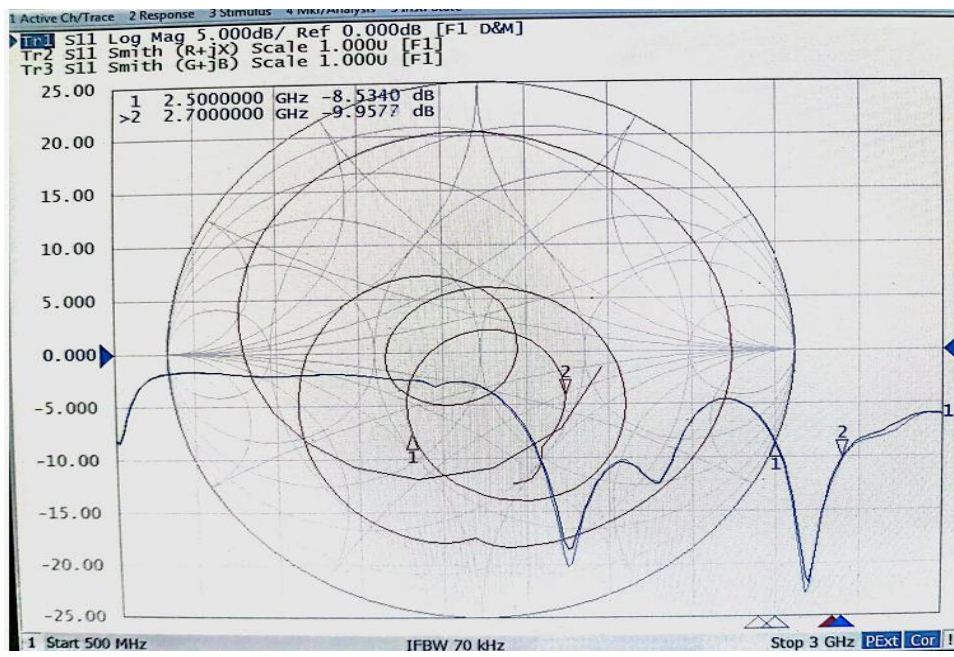
ANT1:

		bottom Antenna TRX/PRX (ANT1)
2G/3G	1710~1755 MHz(WCDMA band 4)	0.8
	824~849 MHz(GSM 850, WCDMA band 5)	-3.3
	880~915 MHz(GSM 900, WCDMA band 8)	-2
	1710-1785 MHz(GSM 1800, WCDMA band 3)	0.7
	1850~1910 MHz(GSM 1900, WCDMA band 2)	0.4
	1920-1980 MHz(WCDMA band 1)	0.6
4G	FDD 1: Japan, Korea, Europe	0.6
	FDD 2: US	0.4
	FDD 3: Europe, Asia	0.7
	FDD 4: US (T-Mobile)	0.8
	FDD 5: US	-3.3
	FDD 7: Europe, US	-0.4
	FDD 8: Europe,JP	-2
	FDD 13: US (Verizon)	-5.9
	FDD 18: JP	-4.10
	FDD 19: JP	-2.90
	FDD 26: US	-3.6
	FDD 28: Europe JP TW	-3.8
	FDD 66: US	0.7
	TDD 38: US,Europe, China	-1
	TDD 40:US, Europe, China	0.20
	TDD 41: US, Japan	-0.80

S11:

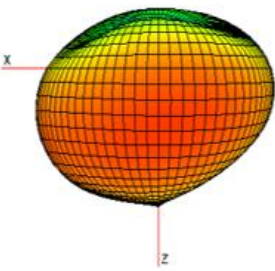




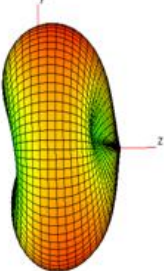


天线方向图

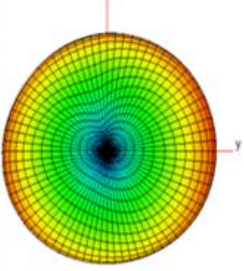
频点	方向
900M	E1



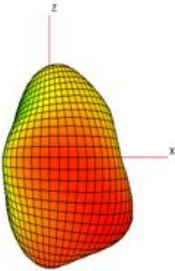
频点	方向
900M	E2



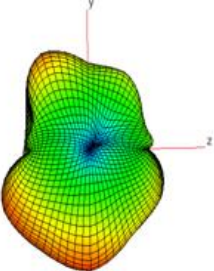
频点	方向
900M	H



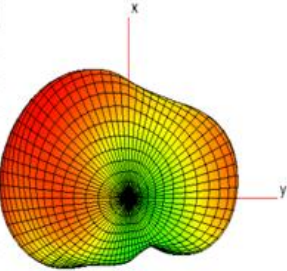
频点	方向
1800M	E1



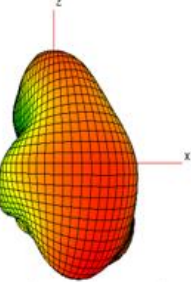
频点	方向
1800M	E2



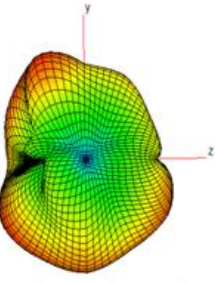
频点	方向
1800M	H



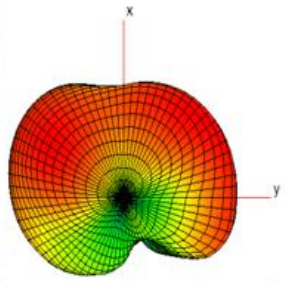
频点	方向
1900M	E1



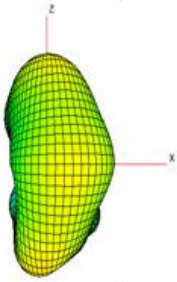
频点	方向
1900M	E2



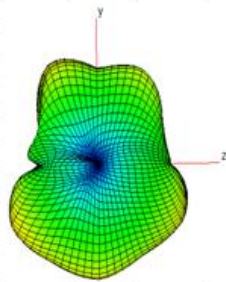
频点	方向
1900M	H



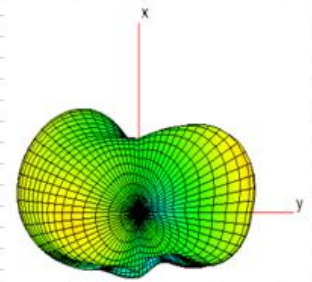
频点	方向
2020M	E1



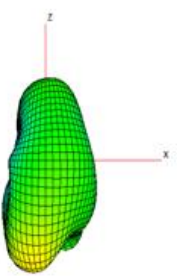
频点	方向
2020M	E2



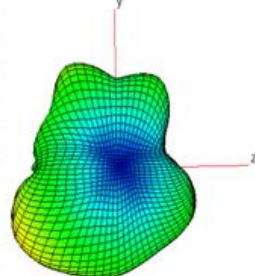
频点	方向
2020M	H



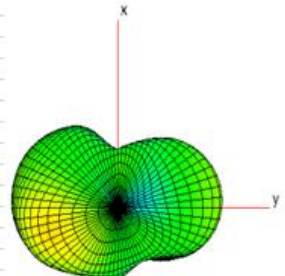
频点	方向
2040M	E1



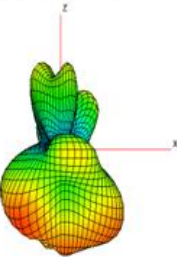
频点	方向
2040M	E2



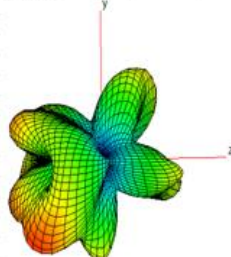
频点	方向
2040M	H



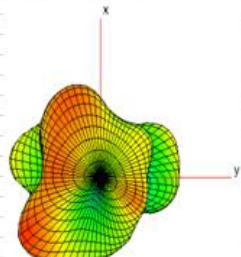
频点	方向
2350M	E1



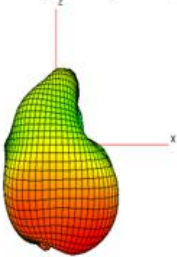
频点	方向
2350M	E2



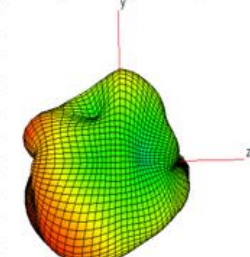
频点	方向
2350M	H



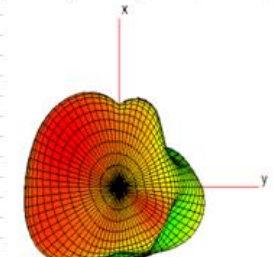
频点	方向
2600M	E1



频点	方向
2600M	E2



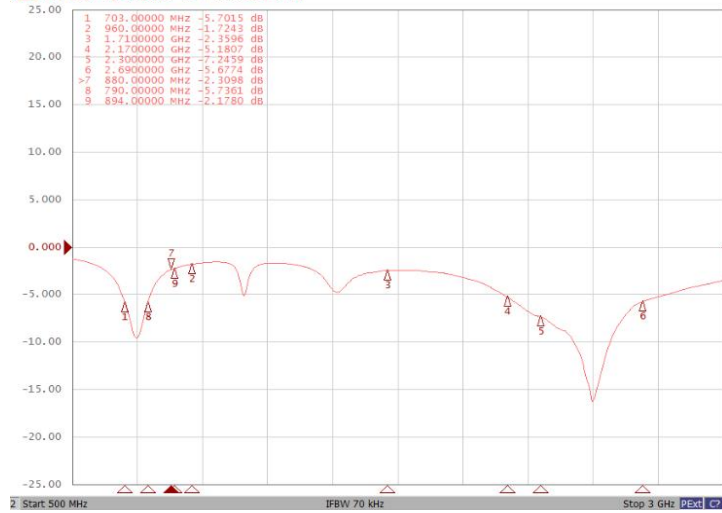
频点	方向
2600M	H



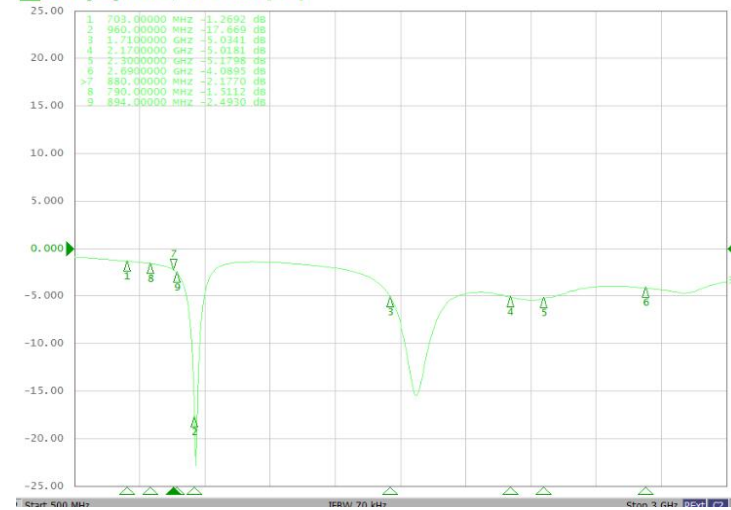
ANT4:

		Top Antenna TRX/PRX (ANT4)
2G/3G	1710~1755 MHz(WCDMA band 4)	-2.5
	824~849 MHz(GSM 850, WCDMA band 5)	-2.9
	880~915 MHz(GSM 900, WCDMA band 8)	-1.9
	1710-1785 MHz(GSM 1800, WCDMA band 3)	-3.2
	1850~1910 MHz(GSM 1900, WCDMA band 2)	-1
	1920-1980 MHz(WCDMA band 1)	-2.1
4G	FDD 1: Japan, Korea, Europe	-2.1
	FDD 2: US	-1
	FDD 3: Europe, Asia	-3.2
	FDD 4: US (T-Mobile)	-2.5
	FDD 5: US	-2.9
	FDD 7: Europe, US	-1.7
	FDD 8: Europe,JP	-1.9
	FDD 13: US (Verizon)	-3.6
	FDD 18: JP	-3.3
	FDD 19: JP	-2.6
	FDD 26: US	-2.9
	FDD 28: Europe JP TW	-4.2
	FDD 66: US	-3.2
	TDD 38: US,Europe, China	-1.4
	TDD 40:US, Europe, China	-0.80
	TDD 41: US, Japan	-1.70

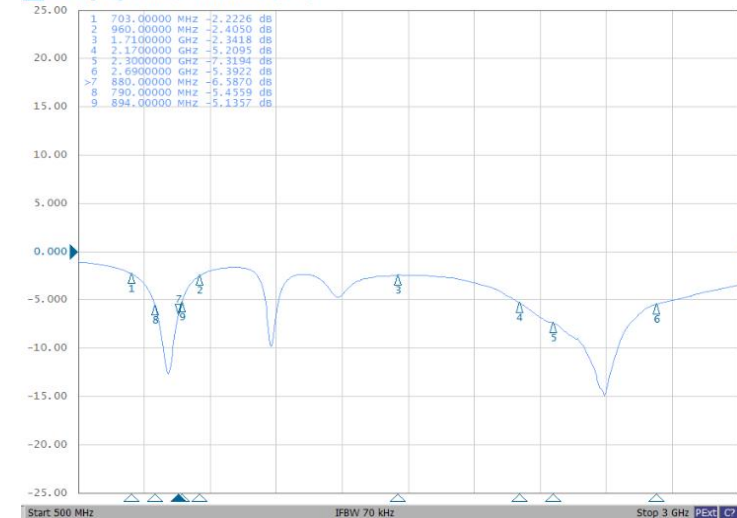
17.2 S11 Log Mag 5.000dB/ Ref 0.000dB [F1 M]



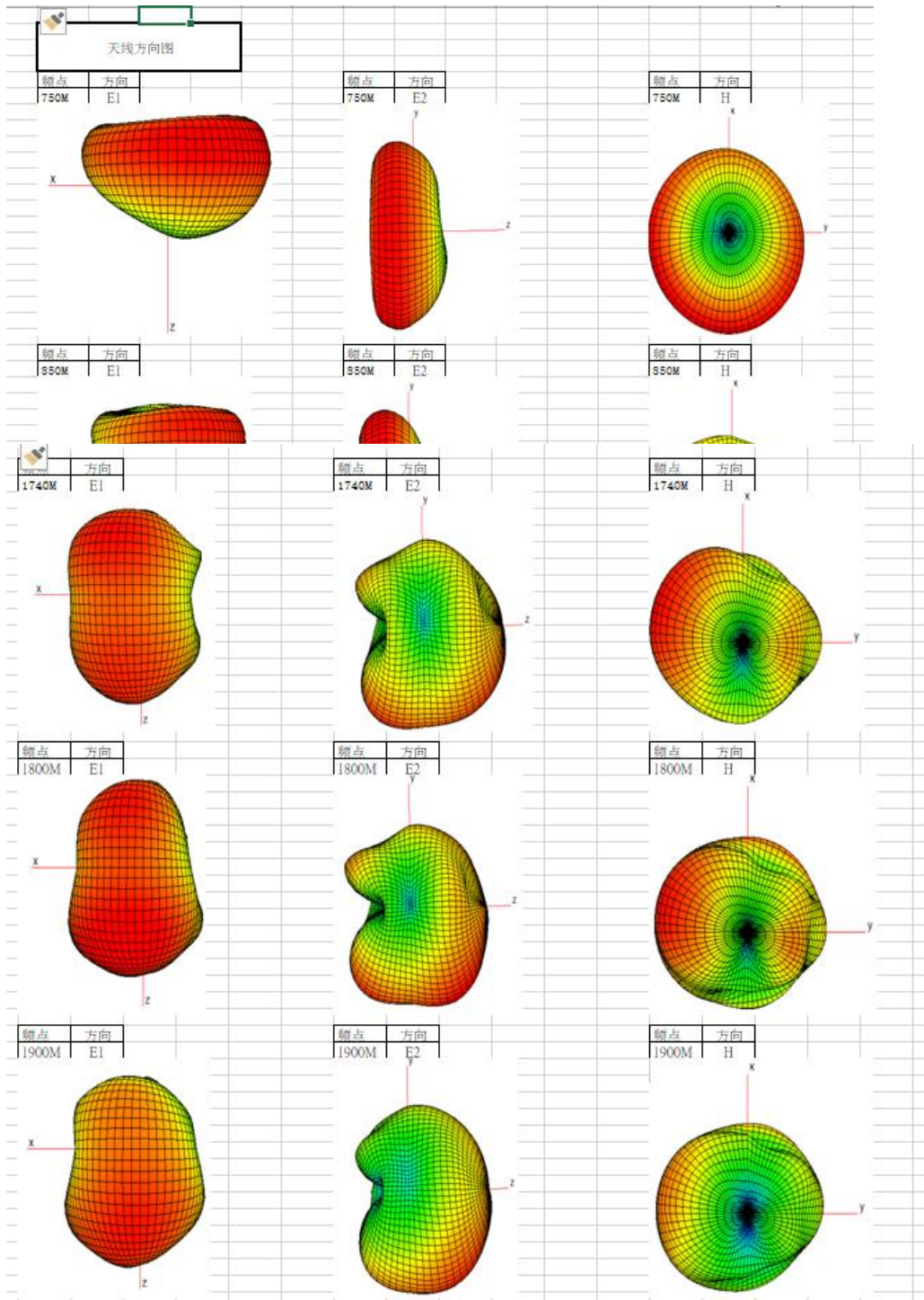
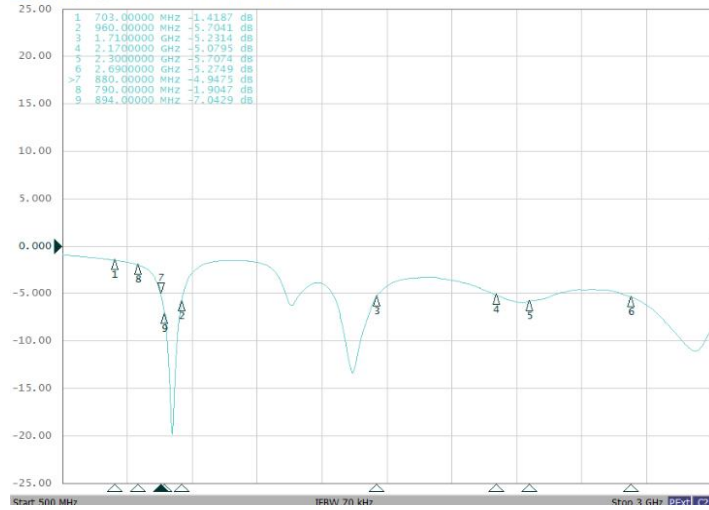
17.3 S11 Log Mag 5.000dB/ Ref 0.000dB [F1 M]

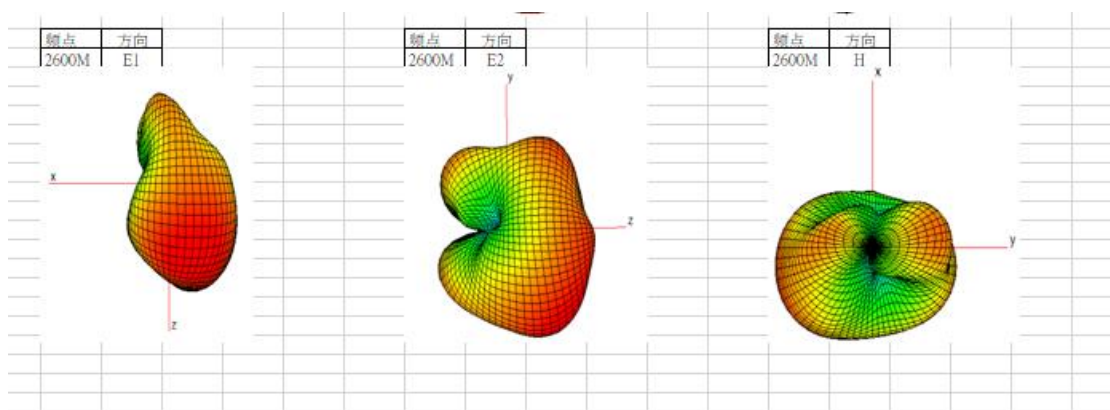
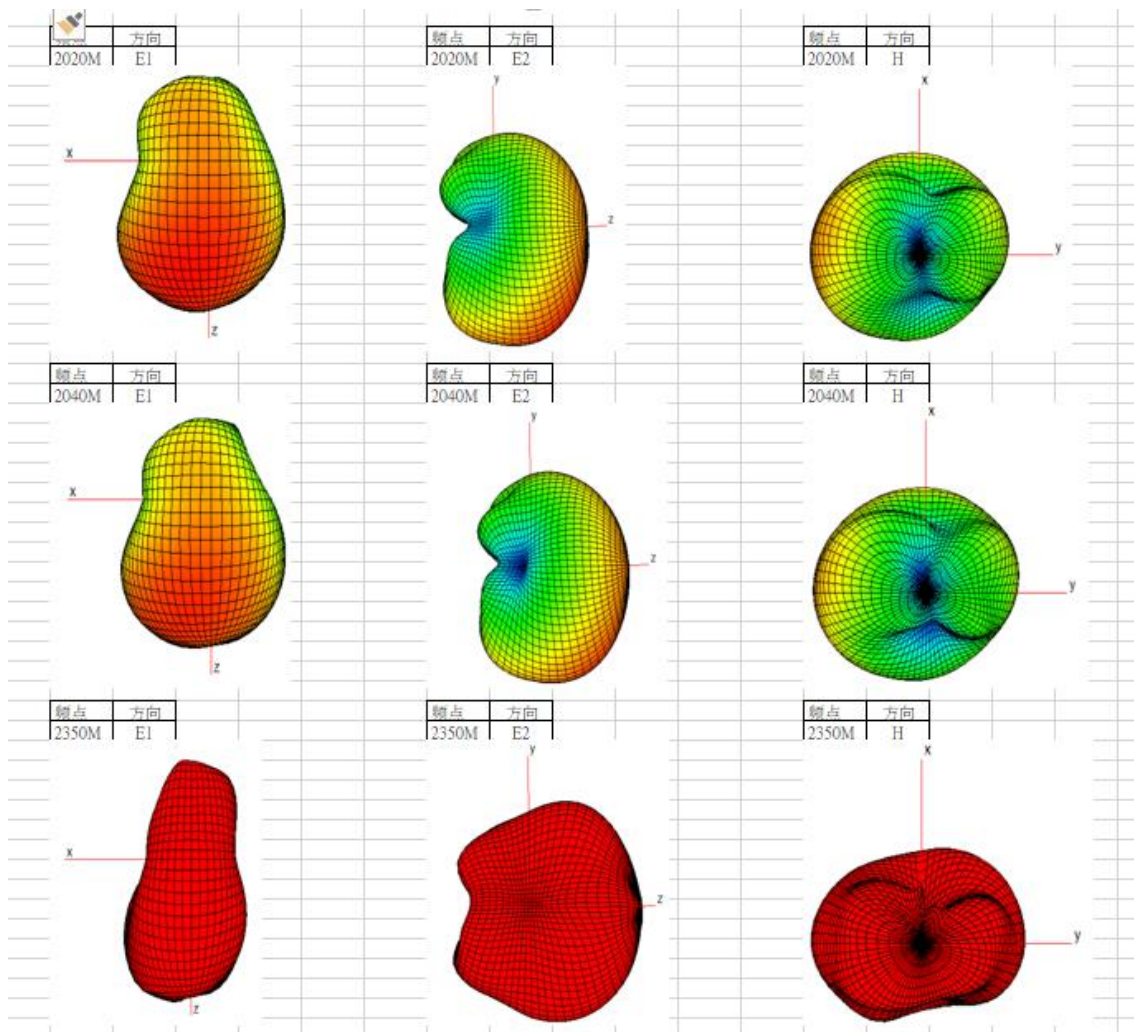


17.4 S11 Log Mag 5.000dB/ Ref 0.000dB [F1 M]



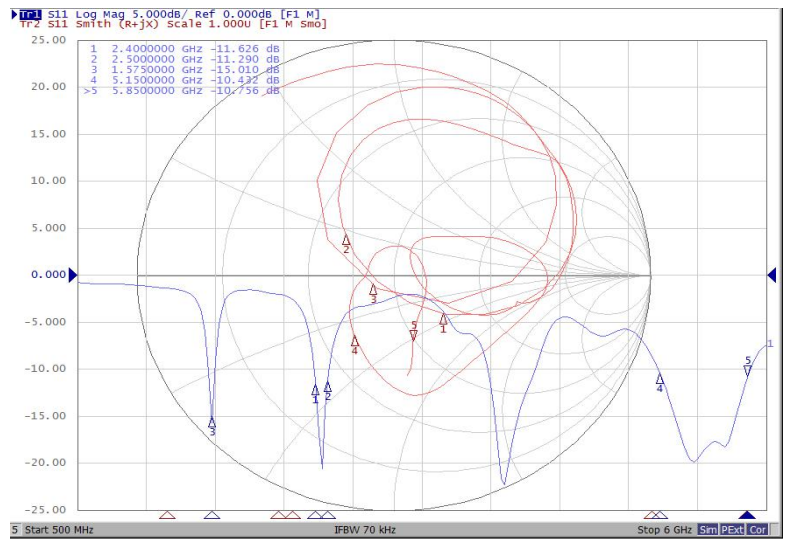
5.1.1 Log Mag 5.000000/ Ref 0.000000 [F1 M]





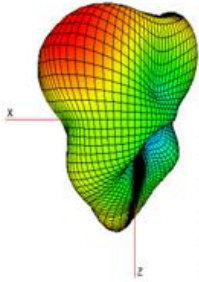
ANT7

BT/WLAN/GPS		Antenna 7
GPS	1575.42±1.023MHz	0
2.4G BT/WLAN	2.4~2.4835GHz	-0.20
5G WLAN	5.15~5.25GHz	0.20
	5.25~5.35GHz	-0.20
	5.15~5.35GHz	-0.2
	5.47~5.725GHz	0.2
	5.47~5.57GHz	-0.20
	5.725~5.825GHz	-0.5
	5.725~5.850GHz	-0.5

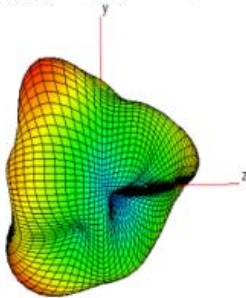


天线方向图

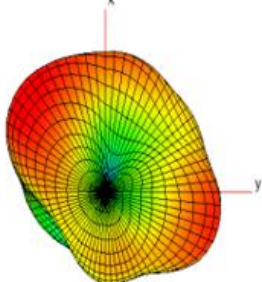
频点	方向
1580M	E1



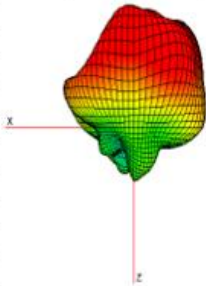
频点	方向
1580M	E2



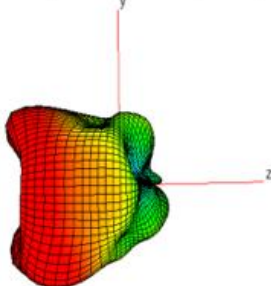
频点	方向
1580M	H



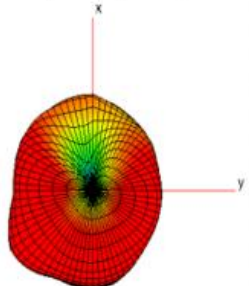
频点	方向
2450M	E1



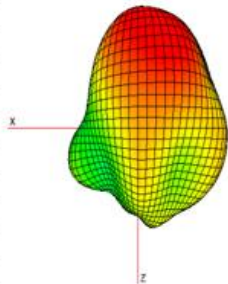
频点	方向
2450M	E2



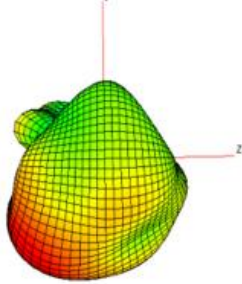
频点	方向
2450M	H



频点	方向
5550M	E1



频点	方向
5550M	E2



频点	方向
5550M	H

