
Ant Manufacturer and Test Lab:

NFC

Manufacturer: Welletronics Communication Technology Co., Ltd.

Address: 1st Floor, 2nd Floor, 3rd Floor, No. 8, Tongfu Village Industrial Zone, Xinshi Community, Dalang Street, Longhua District,

ANT0

Manufacturer: Innowave Communication Technology Co., Ltd.

Address: Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China

ANT1&2&3:

Manufacturer: Welletronics Communication Technology Co., Ltd.

Address: 1st Floor, 2nd Floor, 3rd Floor, No. 8, Tongfu Village Industrial Zone, Xinshi Community, Dalang Street, Longhua District,

Test lab.com: GTS-2800

Model name: AB844

Antenna type: ANT0/1/2/3/4 Fixed Internal Antenna

Silk screen annotation of sky map:

Silk screen YYWW stands for: Year + week

Silk screen A & X stands for: mold code

Silk screen after T stands for: batch

The above changes do not involve antenna changes

Antenna Reports

Peak Gain

ANT2-BT/WLAN Peak Gain (dBi)			
2400~2483.5MHz	0.7	5470~5725MHz	0.13
5150~5250MHz	1.47	5725~5850MHz	-0.74
5250~5350MHz	0.77		

BAND	Peak Gain(dBi)
NFC	0

ANT0

BAND	Peak Gain(dBi)
GSM 850	-4.6
E-GSM 900	-0.6
DCS 1800	-1.6
PCS 1900	-1.4
WCDMA B1	-1.8
WCDMA B2	-1.4
WCDMA B4	-1.6
WCDMA B5	-4.6
WCDMA B8	-0.6
LTE B1	-1.8
LTE B2	-1.4
LTE B3	-1.6
LTE B4	-1.6
LTE B5	-4.6
LTE B7	0.88
LTE B8	-0.6
LTE B13	-8
LTE B20	-5.78
LTE B28	-9.7
LTE B38	-0.8
LTE B40	0.3
LTE B41	-0.8
LTE B66	-1.6

ANT1

BAND	Peak Gain(dBi)
GSM 850	-3.2
E-GSM 900	-1.7
DCS 1800	-3.5
PCS 1900	-2.1
WCDMA B1	-0.5
WCDMA B2	-2.1
WCDMA B4	-3.5
WCDMA B5	-3.2
WCDMA B8	-1.7
LTE B1	-0.5
LTE B2	-2.1
LTE B3	-3.5
LTE B4	-3.5
LTE B5	-3.2
LTE B7	1.0

LTE B8	-1.7
LTE B13	-6.4
LTE B20	-5.88
LTE B28	-5.0
LTE B38	1.73
LTE B40	-2
LTE B41	1.73
LTE B66	-3.5

The device under test

Calibration time: 2024/3/18

The calibration frequency: 1 year/time

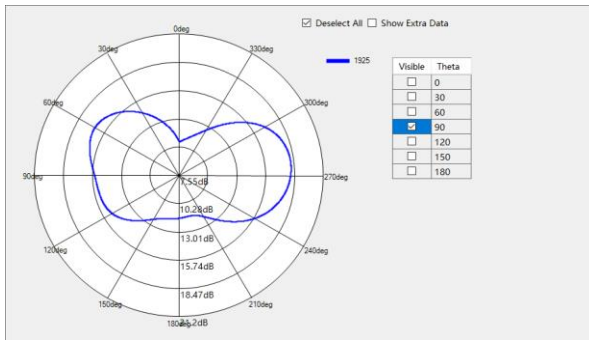
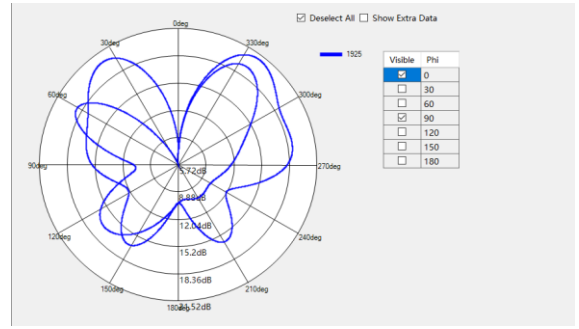
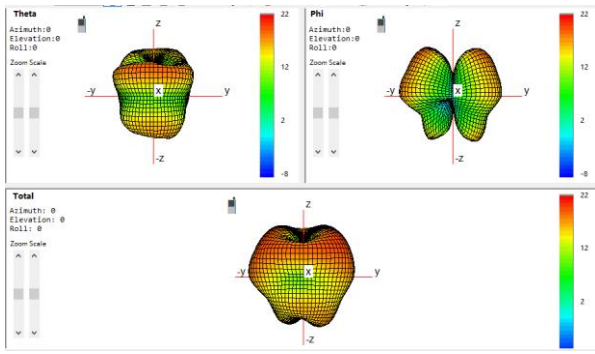
Equipment pictures:



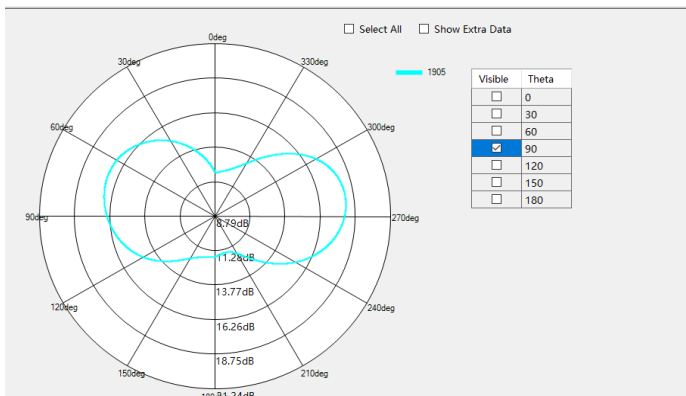
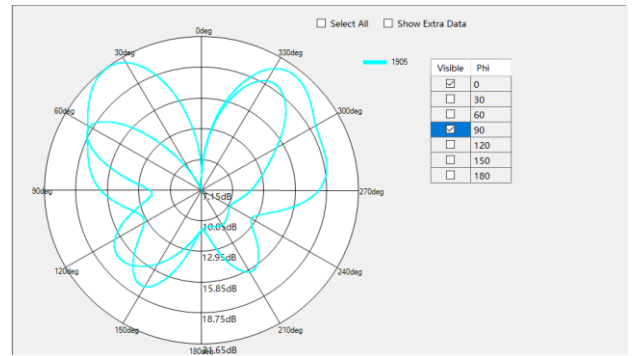
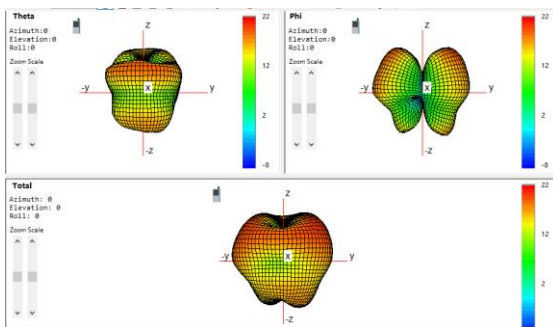
Directional Pattern

Main_ANT -ANT0

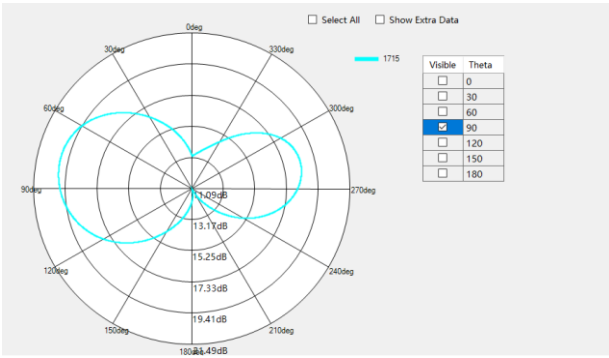
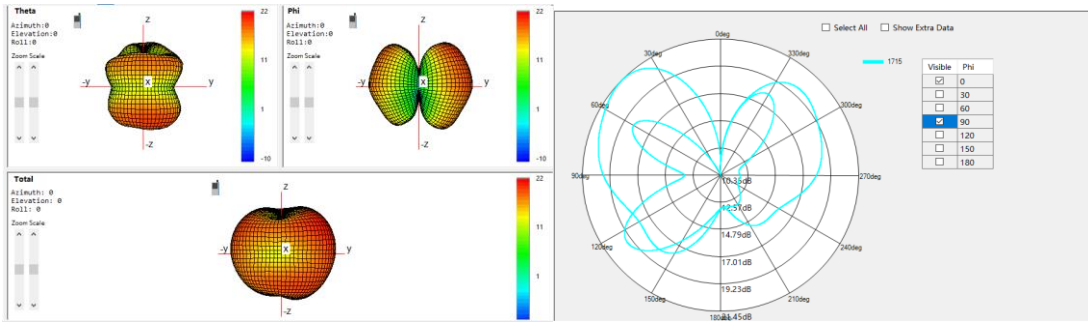
1950Mhz



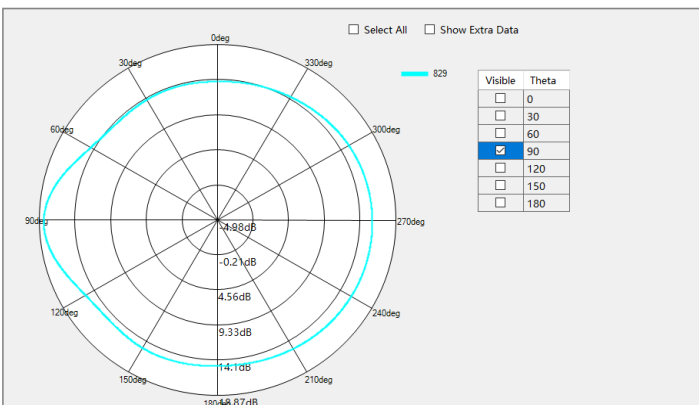
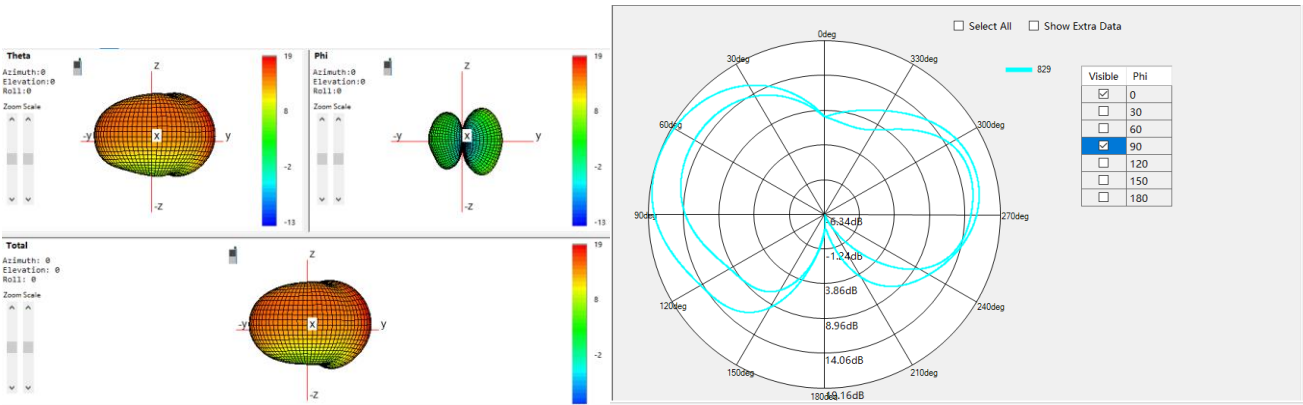
1905MHz



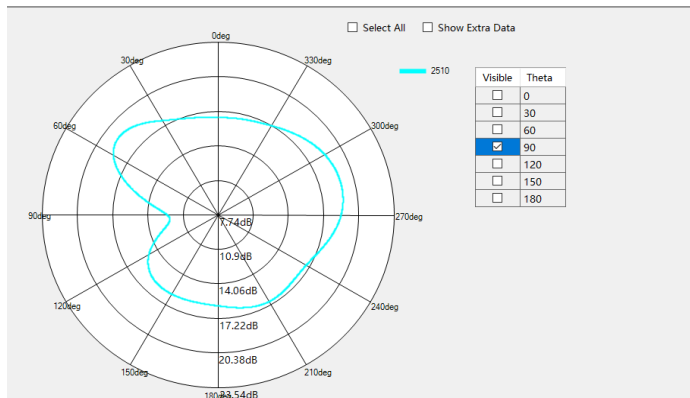
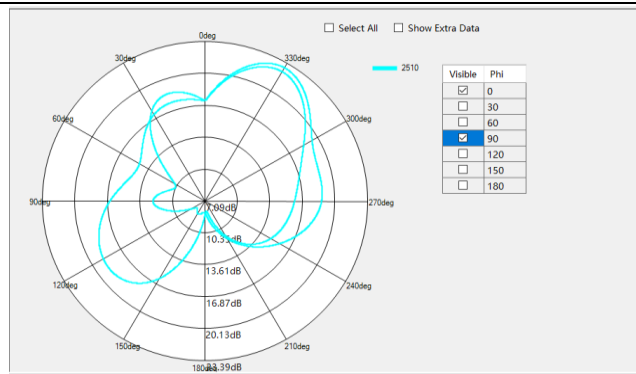
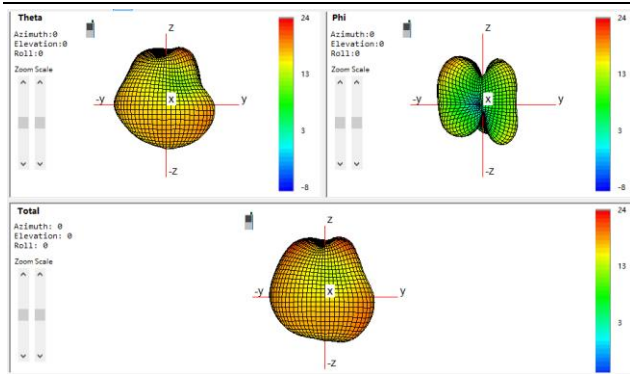
1715MHz



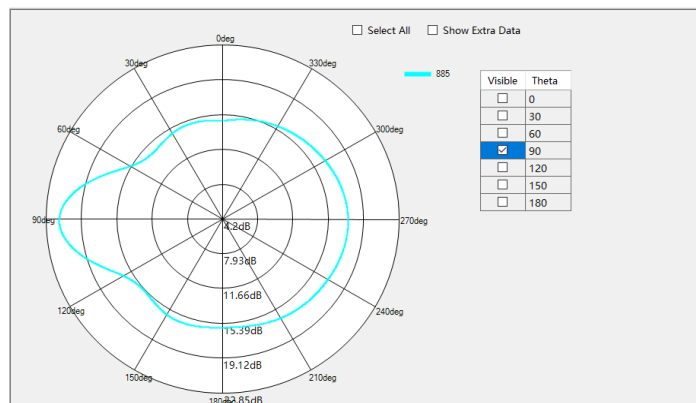
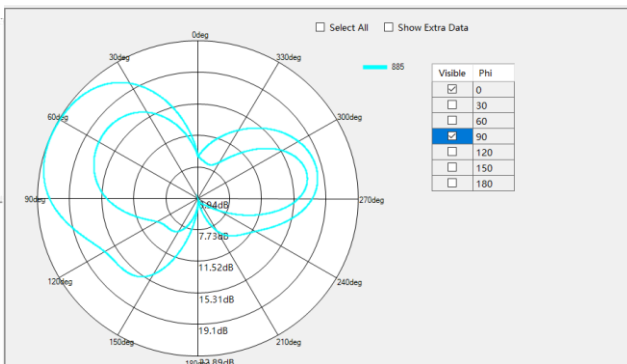
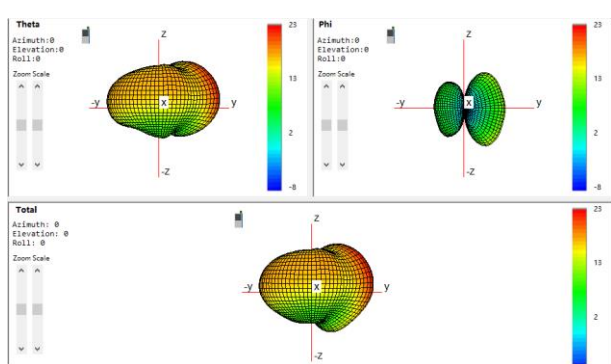
829MHz



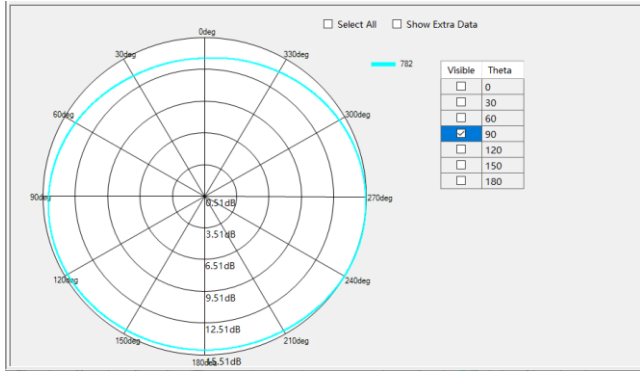
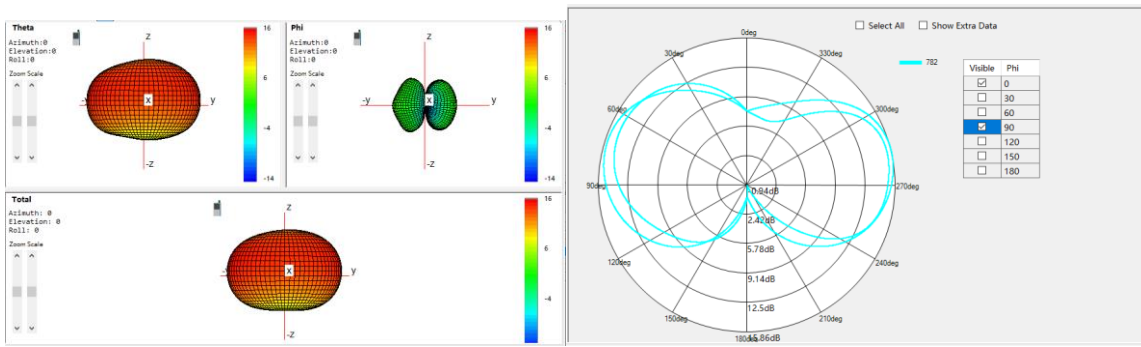
2535MHz



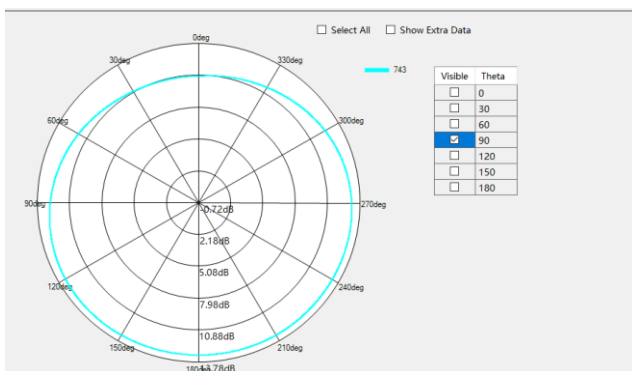
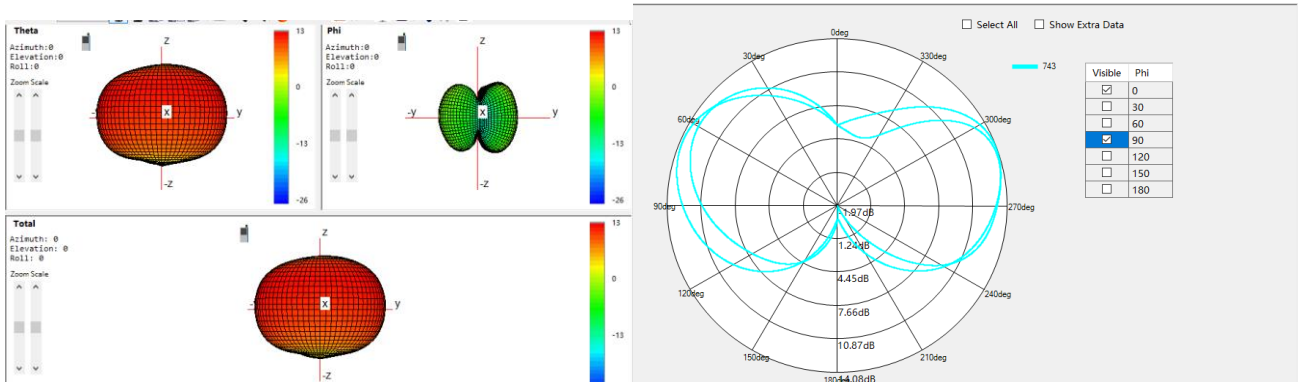
885MHz



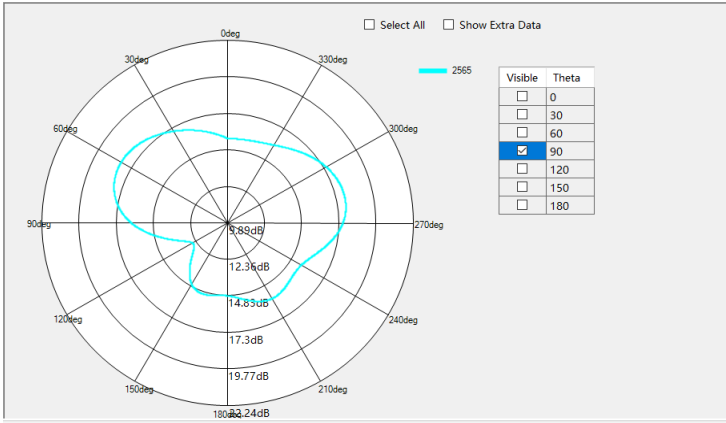
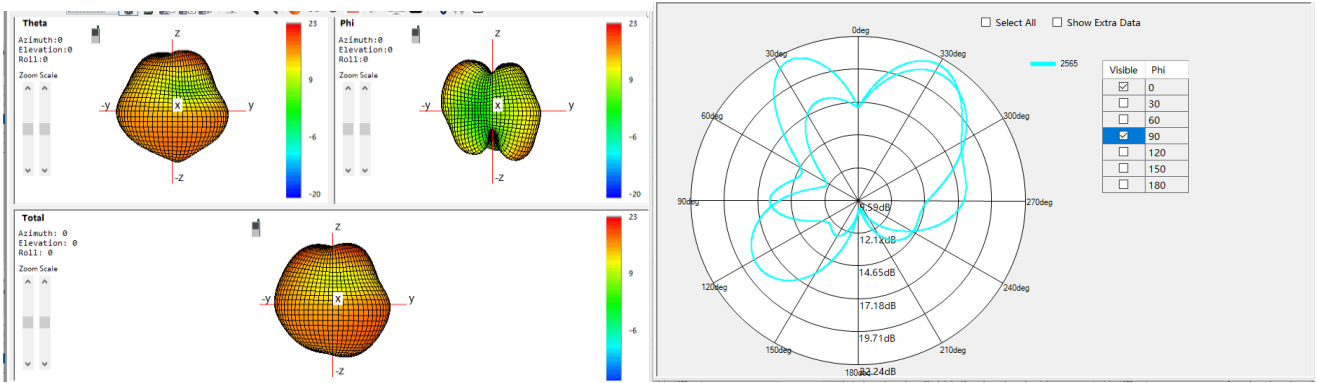
782MHz



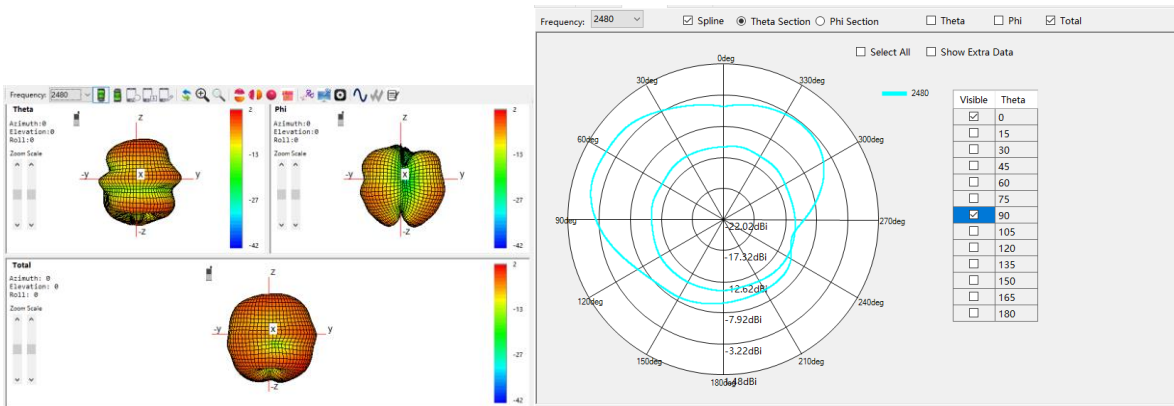
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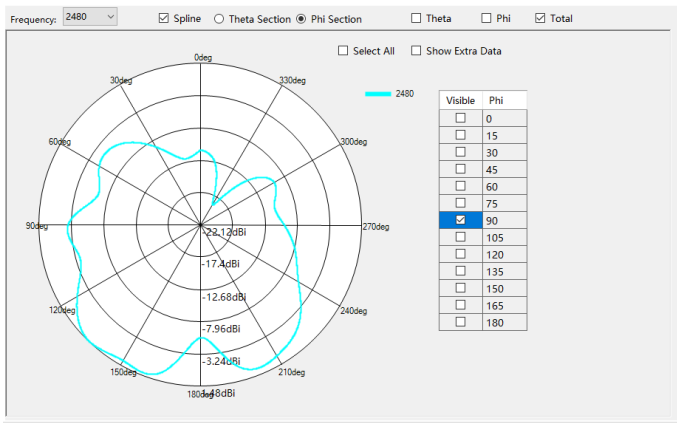


2605MHz

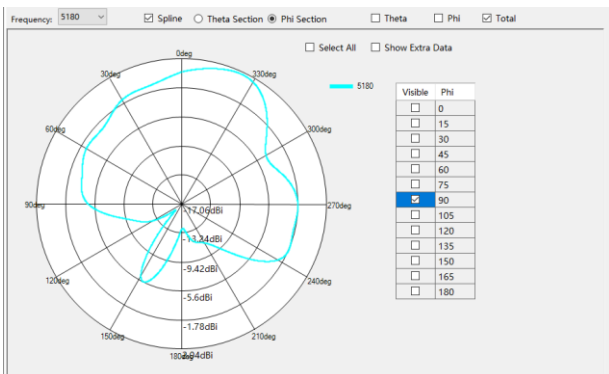
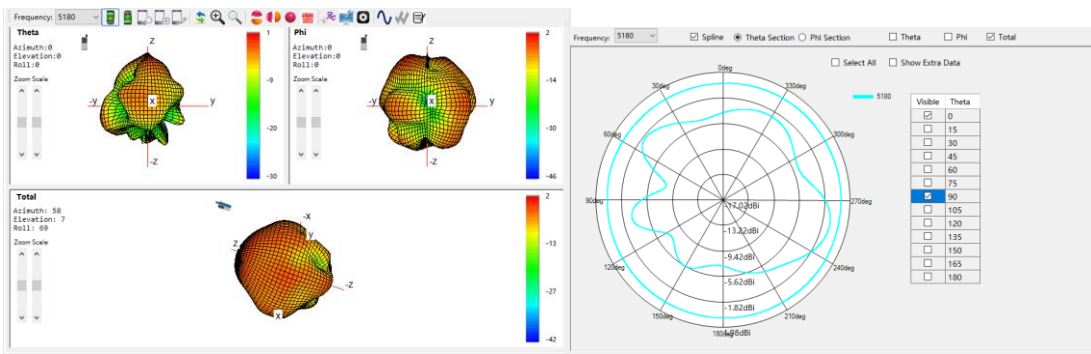


2.4G-WIFI_ANT

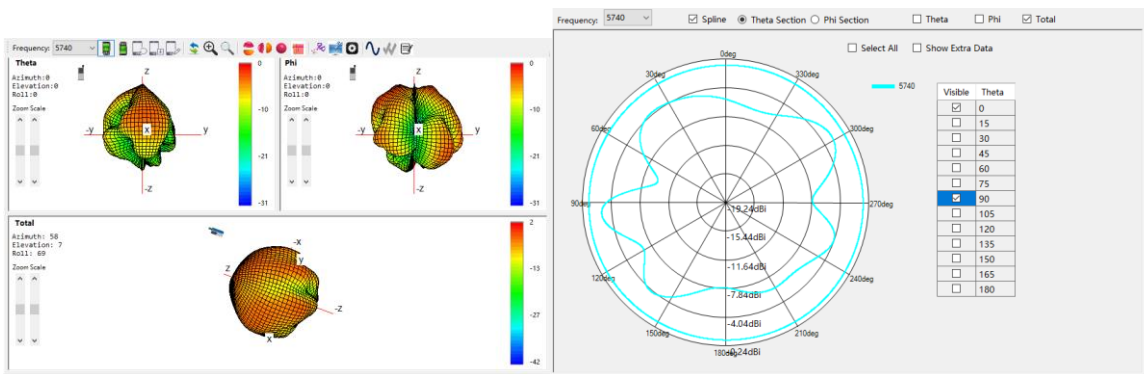


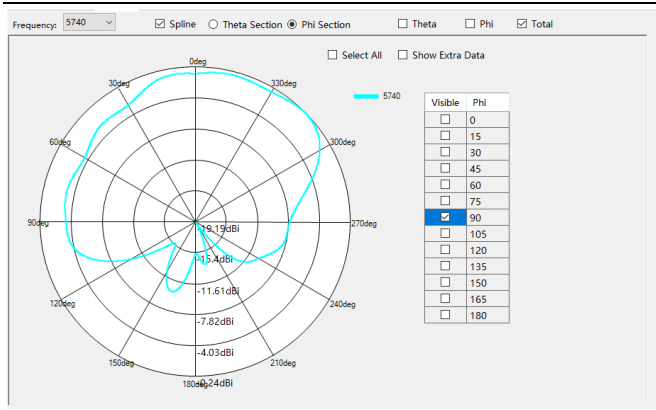


5.18G-WIFI_ANT

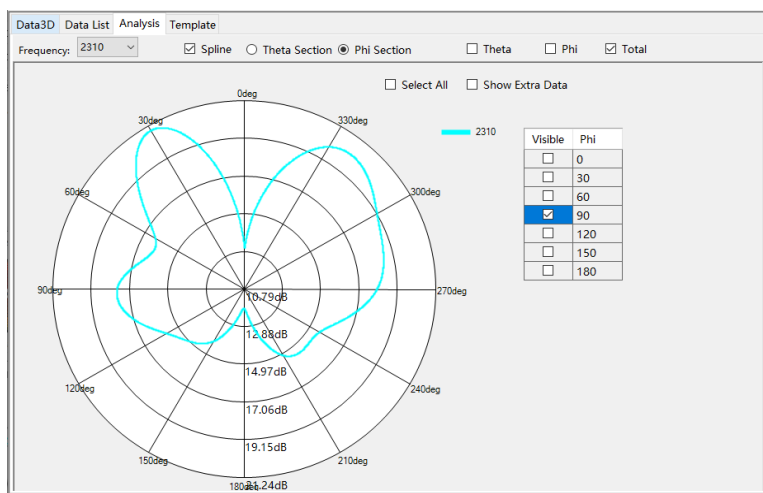
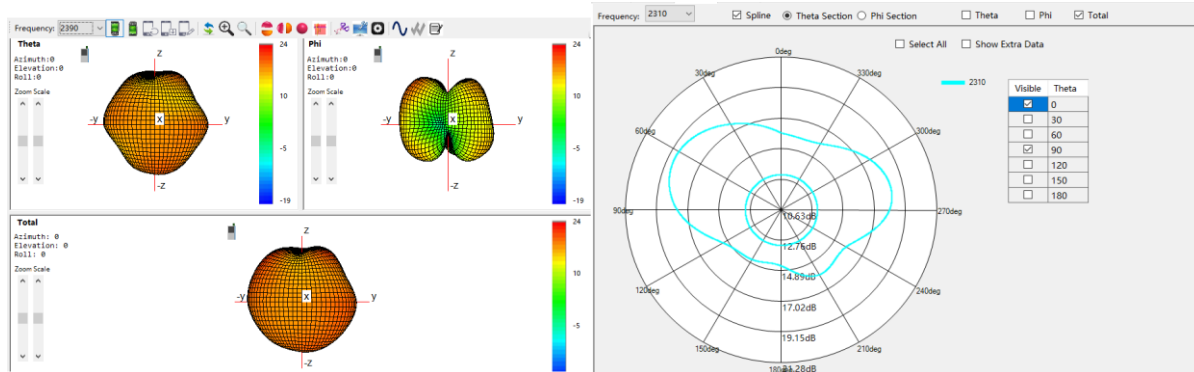


5.74-WIFI_ANT

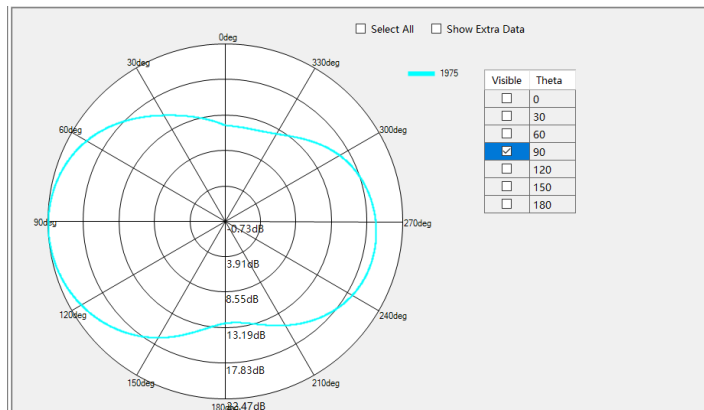
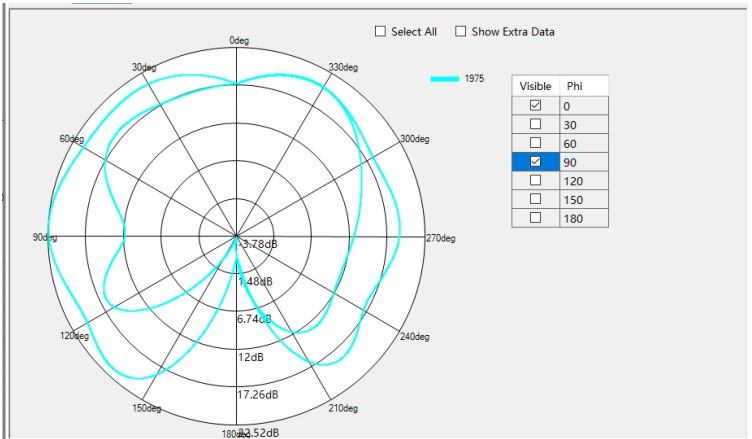
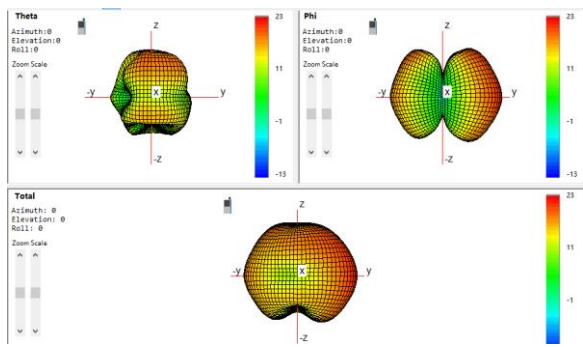




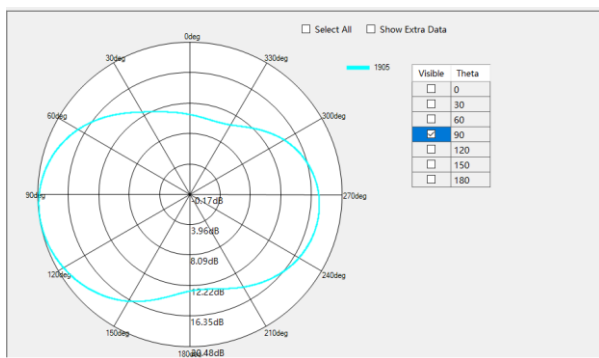
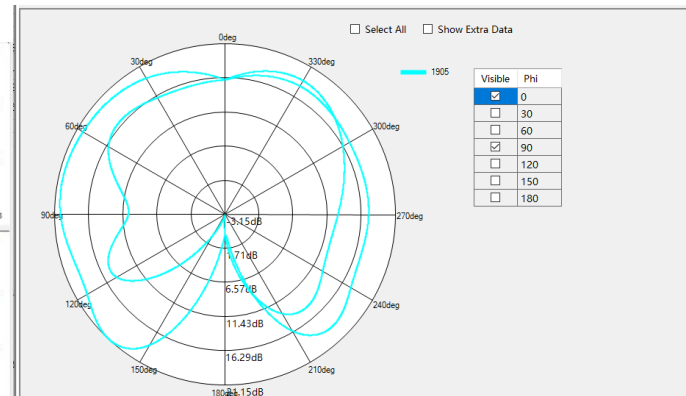
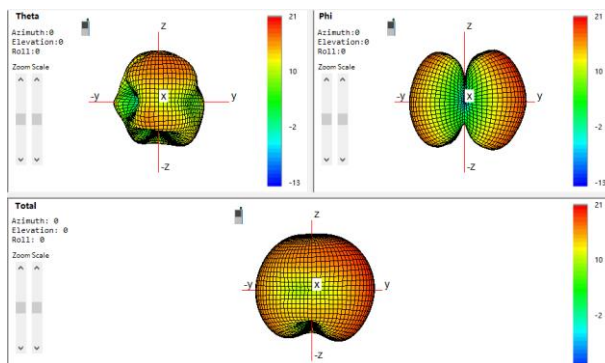
2390MHz



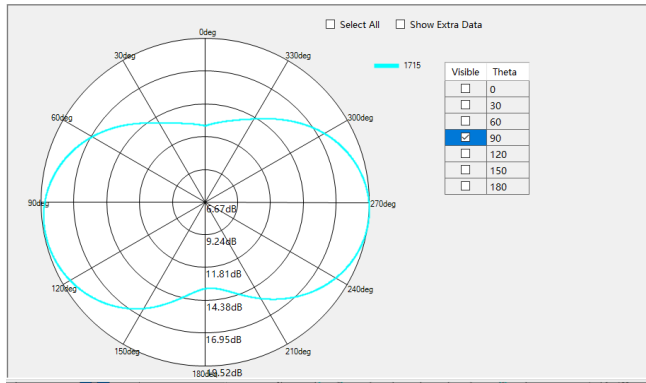
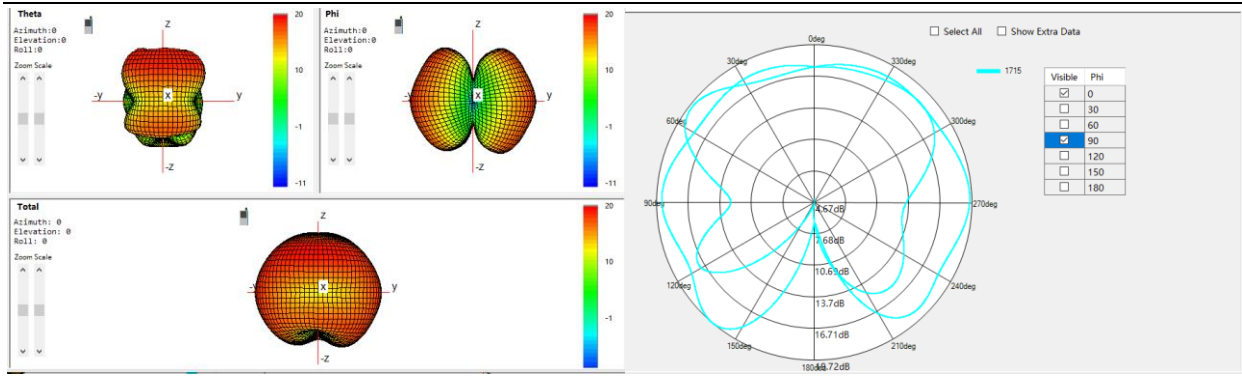
DIV_ANT ANT1
1975MHz



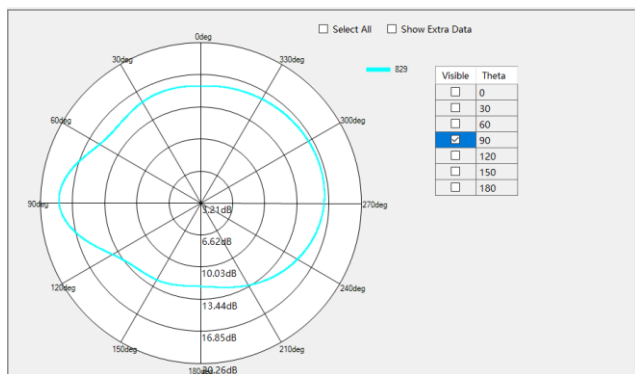
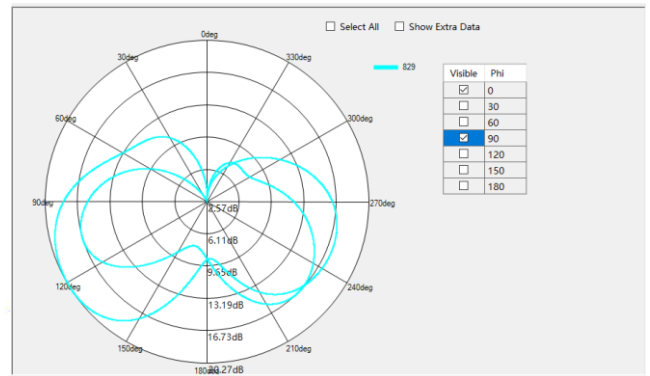
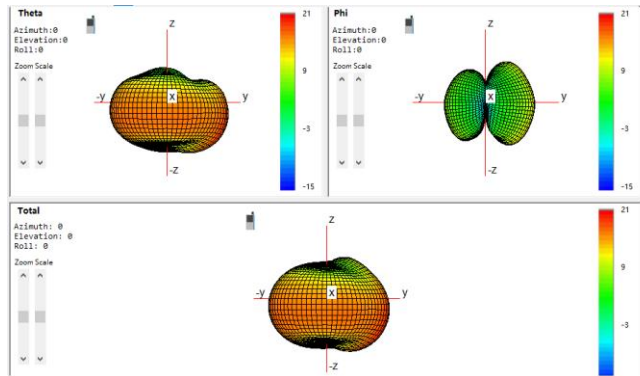
1905MHz



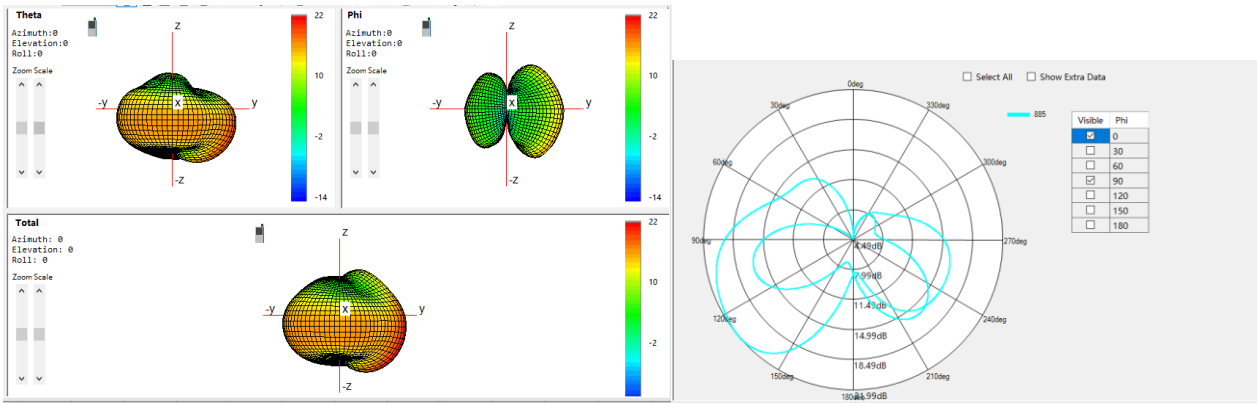
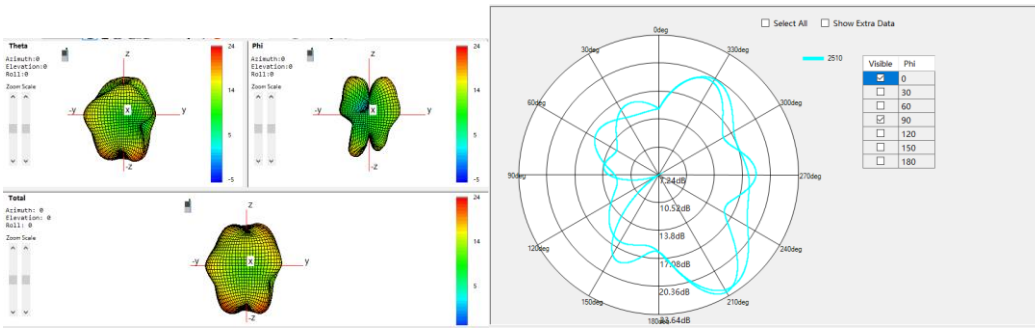
1715MHz



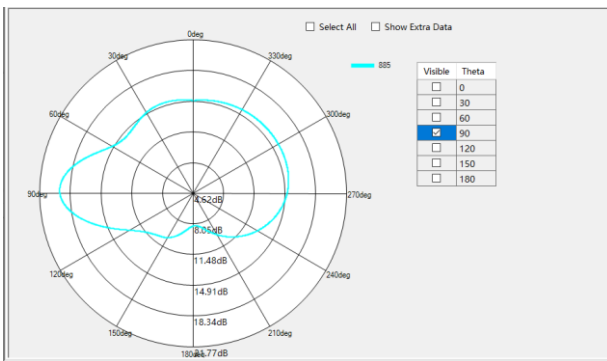
829MHz



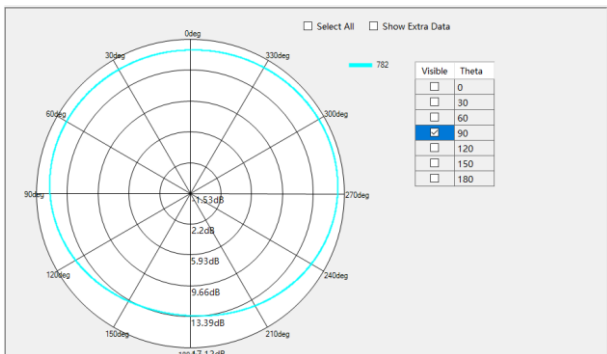
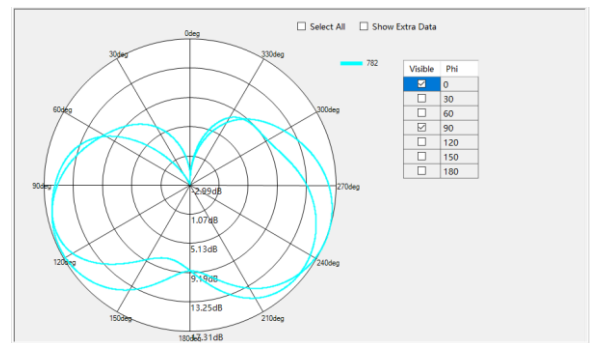
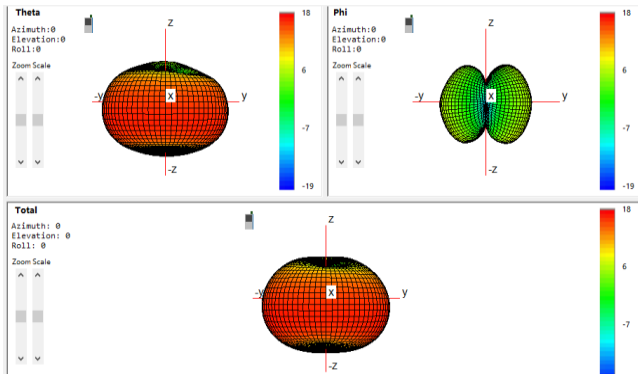
2510MHz



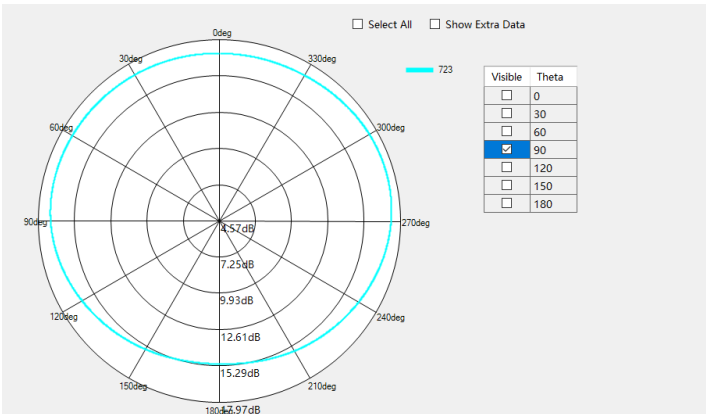
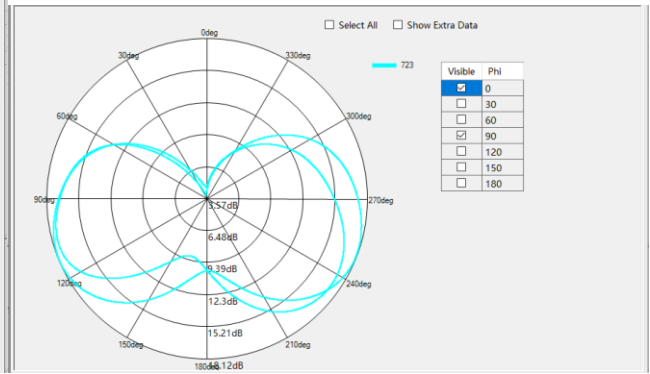
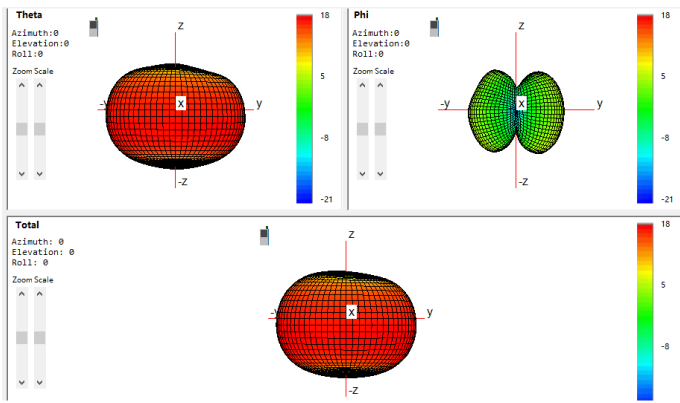
885MHz



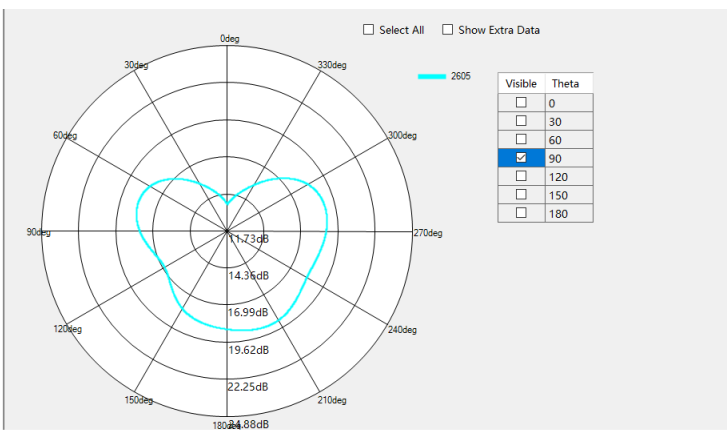
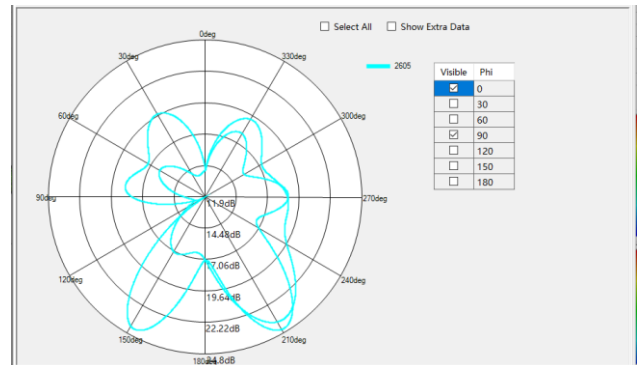
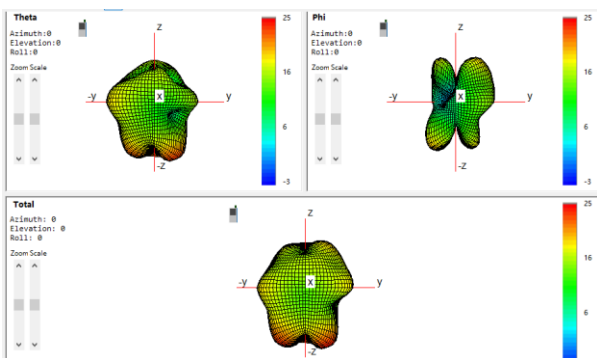
782MHz



743MHz



2605MHz



2390MHz

