

Antenna Product Specification

Entry Name	VP6692A
Frequency Channel	FDD-LTE: B2/4/5/12/13 WCN (WiFi/BT) : 2.4G/5G
Supplier Name	Kunshan Innowave Communication Technology Co., Ltd.

Test lab: Innowave lab (GTS)

Issue date: 2024/03/17

1. Type of Antenna: MONOPOLE

Antenna attachment type: Fixed/Internal mounted

2. Antenna Area

Main Antenna:

Model name: VP6692A_LTE_T01

WCN Antenna:

Model name: VP6692A_WiFi_T01

Sub Antenna:

Model name: VP6692A_FJ_T01

3. Efficiency and Gain

Main Antenna - Efficiency and Gain:

BAND	Peak Gain(dBi)	Average Gain(dB)
LTE B12	-1.0	-2.6
LTE B13	-1.1	-2.1
LTE B5	-2.7	-3.2
LTE B4	-1.2	-1.5
LTE B2	-1.2	0.1

WCN - Efficiency and Gain

Freq (MHz)	Peak Gain(dBi)	Average Gain(dB)
2400~2483.5MHz	-0.4	-1.2
5150~5250MHz	-0.1	-0.1
5250~5350MHz	-1.0	-0.1
5470~5725MHz	-1.2	-2.1
5725~5850MHz	-1.0	-3.1

Sub Antenna - Efficiency and Gain:

BAND	Peak Gain(dBi)	Average Gain(dB)
LTE B12	-3.9	-5.1
LTE B13	-3.1	-2.3
LTE B5	-1.4	-1.6
LTE B4	-1.7	-2.6
LTE B2	-2.4	-2.6

4. Test software

GTS2800

5. Test engineer signature



6. Test instrument and calibration date

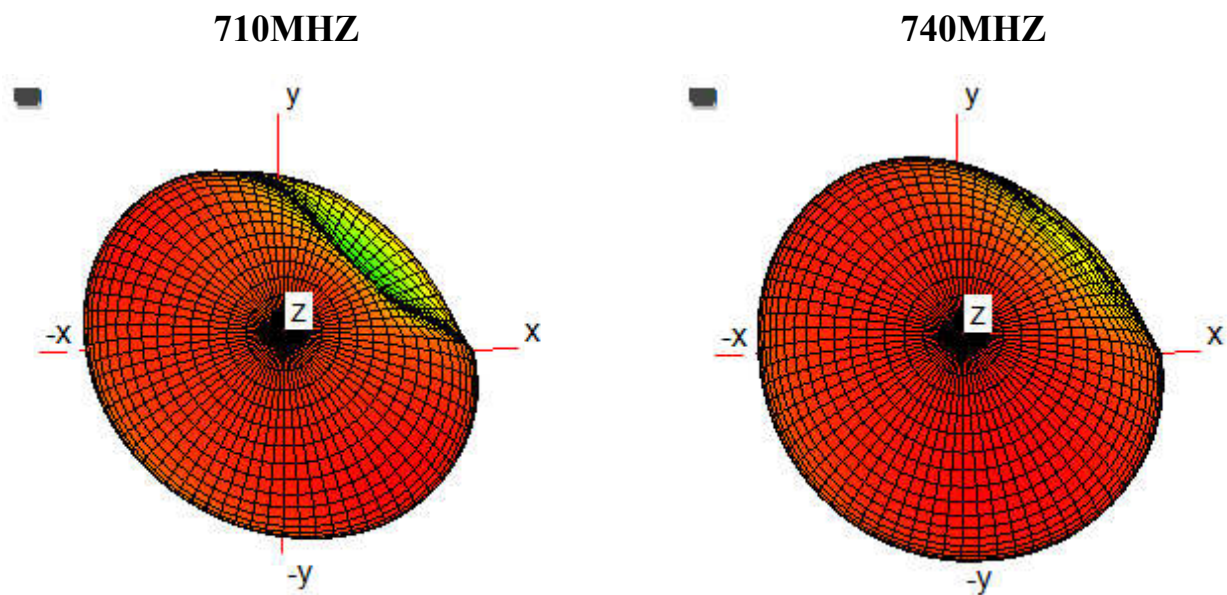
GTS 2800 calibration date: 20240310

CMW500 calibration date: 20240227

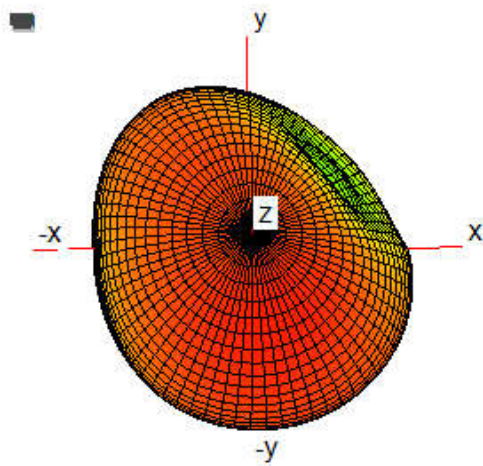
Keysight E5071C calibration date: 20240301

8. 3D Directional Pattern

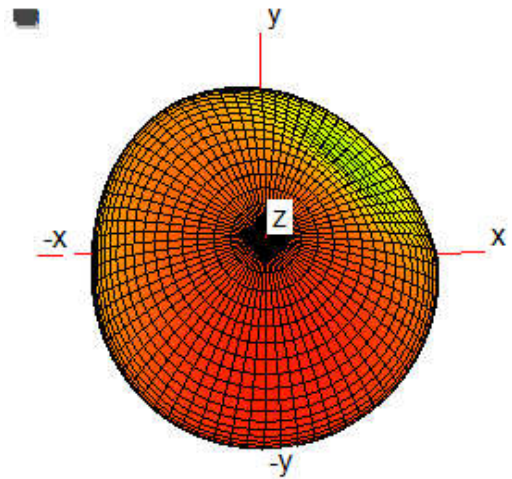
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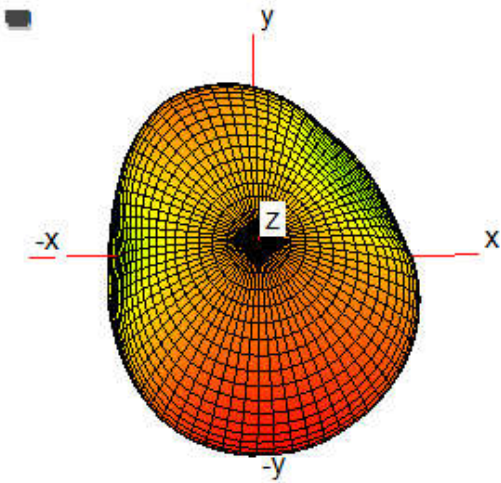
760MHZ



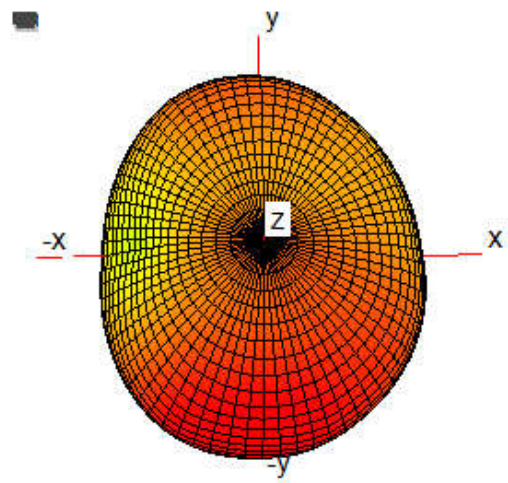
790MHZ



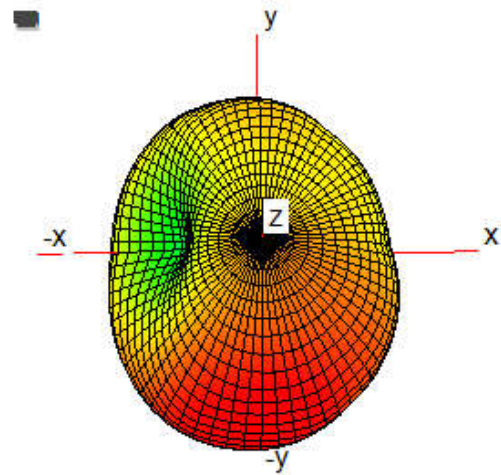
830MHZ



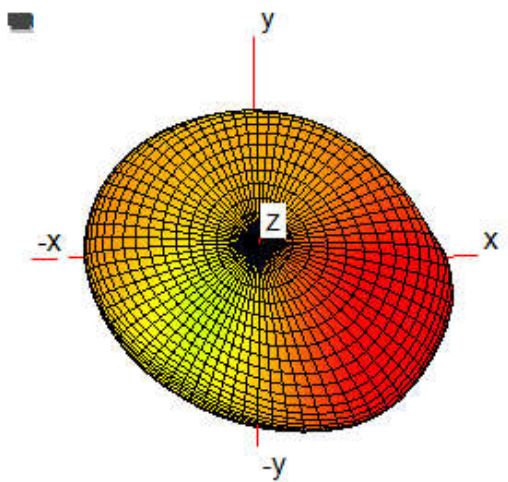
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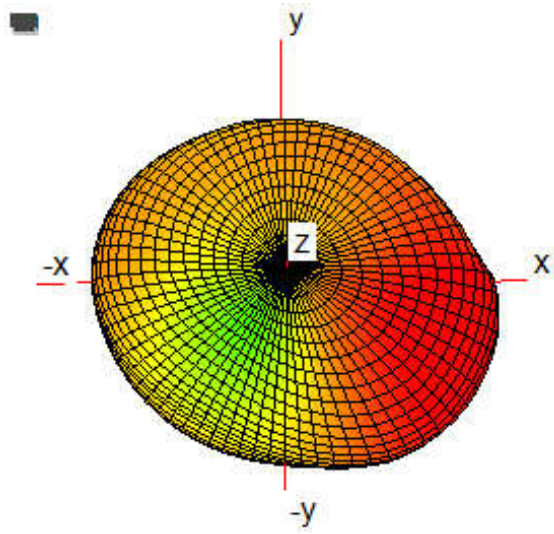
900MHZ



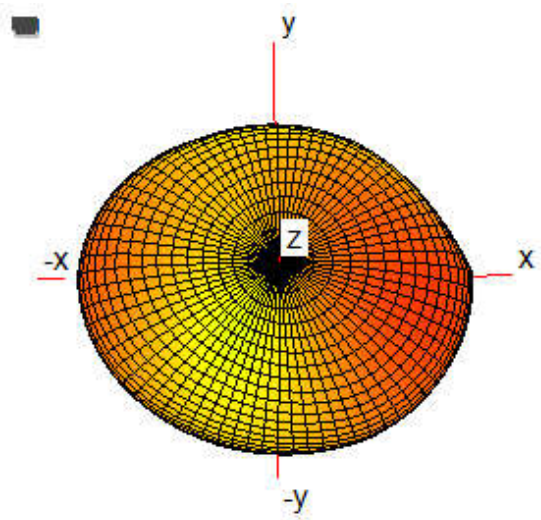
1710MHZ



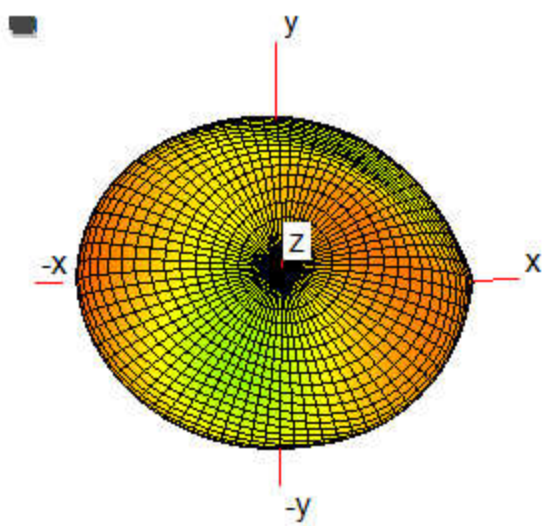
1760MHZ



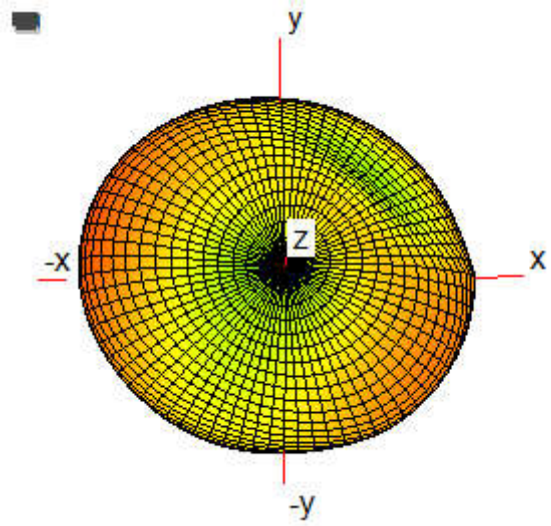
1840MHZ



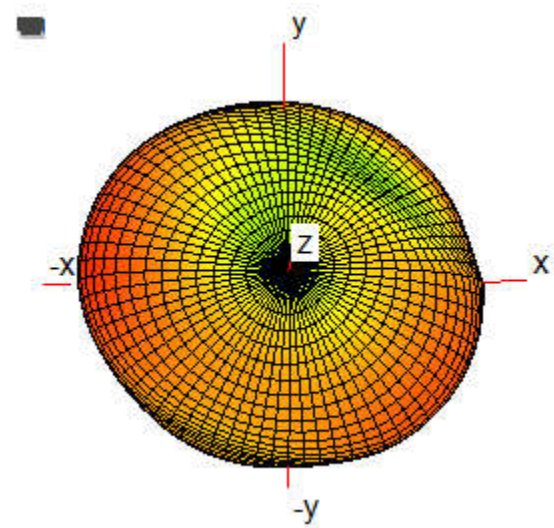
1900MHZ



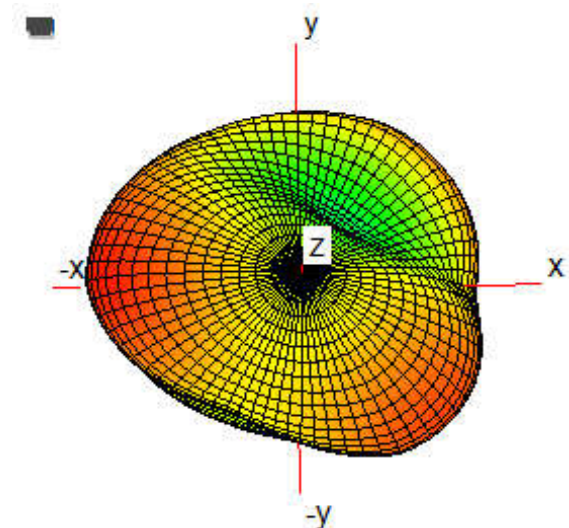
1940MHZ



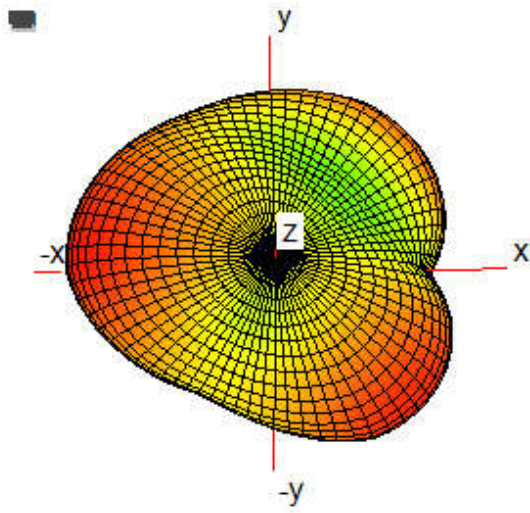
1980MHZ



2100MHZ

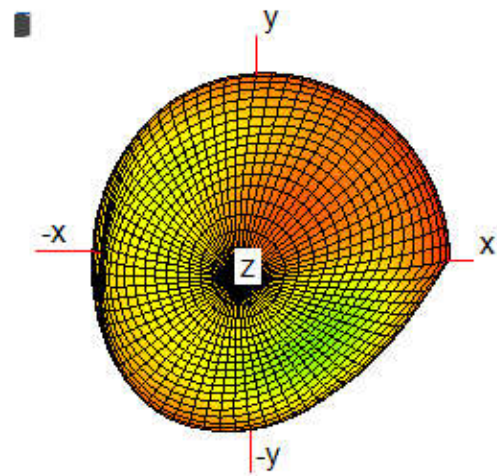


2160MHZ

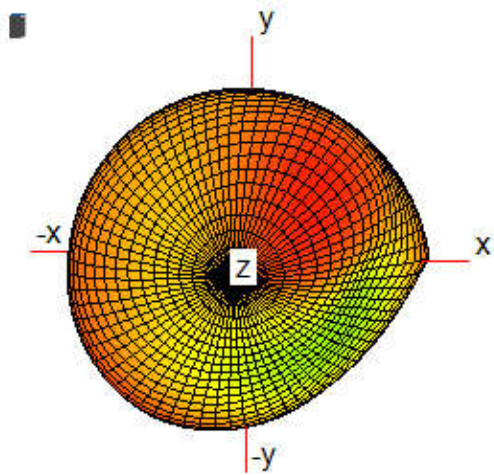


WCN :

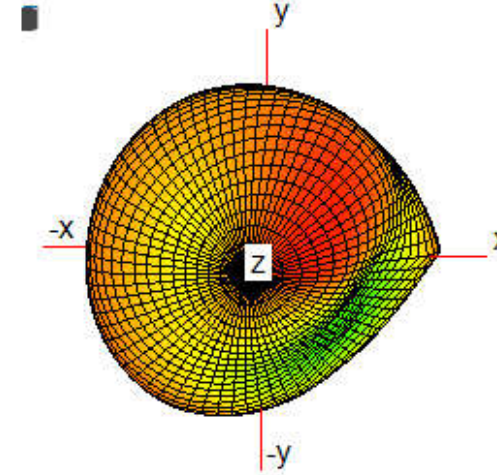
2400MHZ



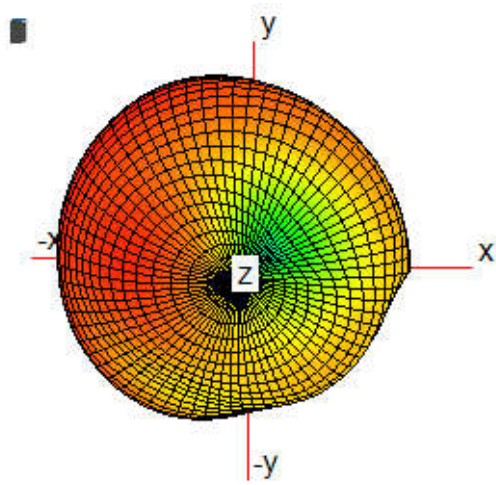
2480MHZ



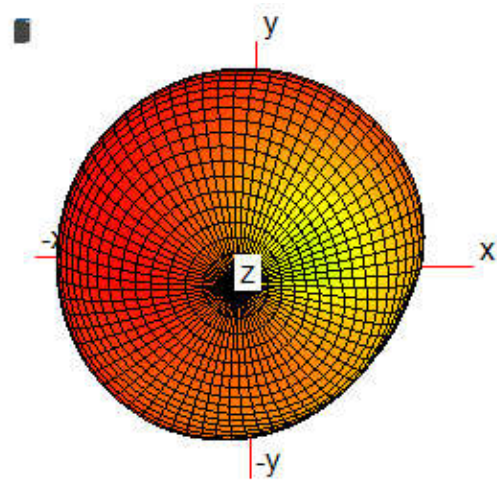
2500MHZ



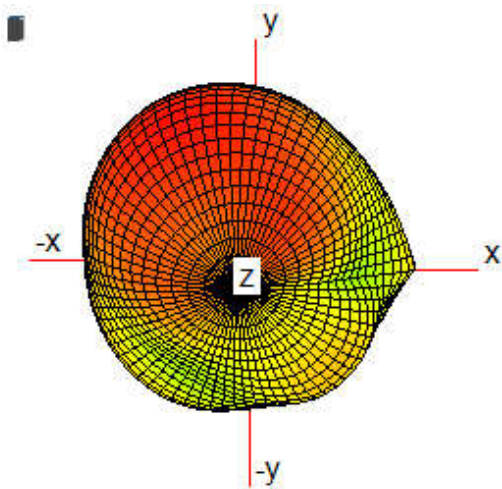
5150MHZ



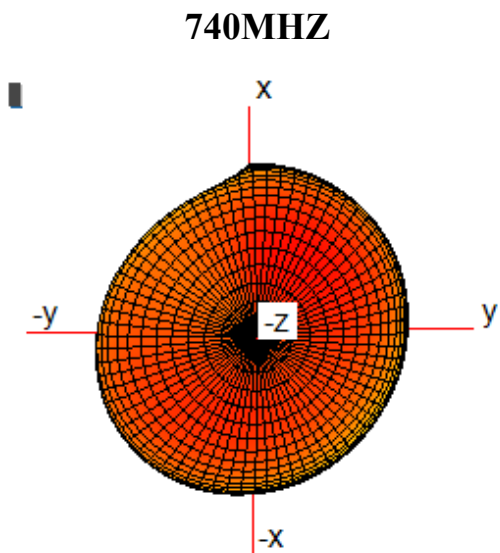
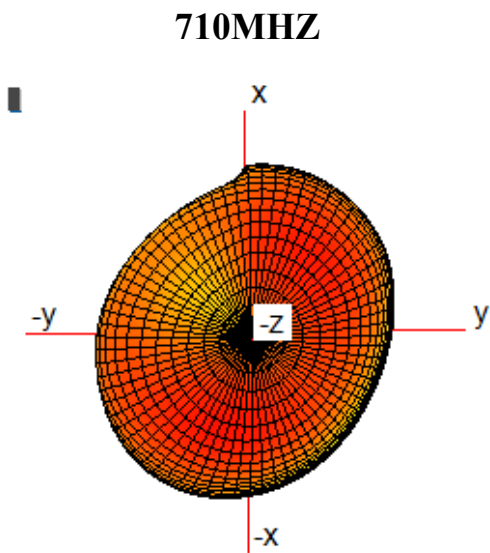
5350MHZ

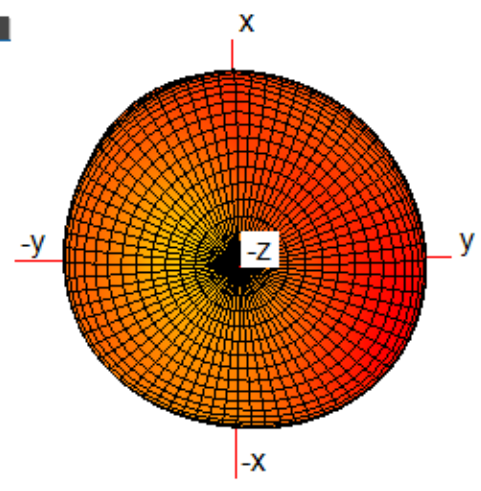


5850MHZ

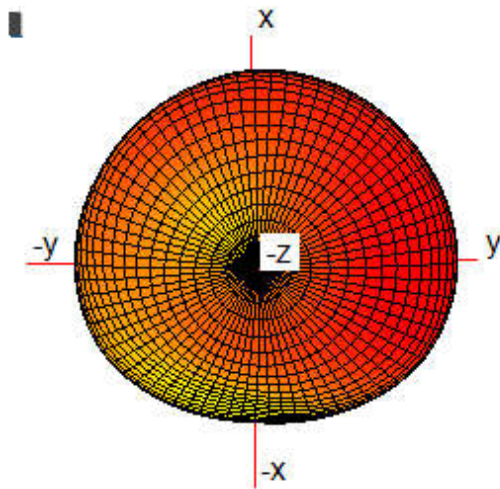


Sub Antenna:

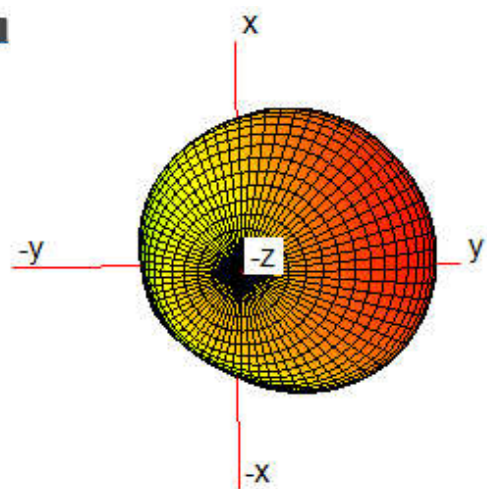




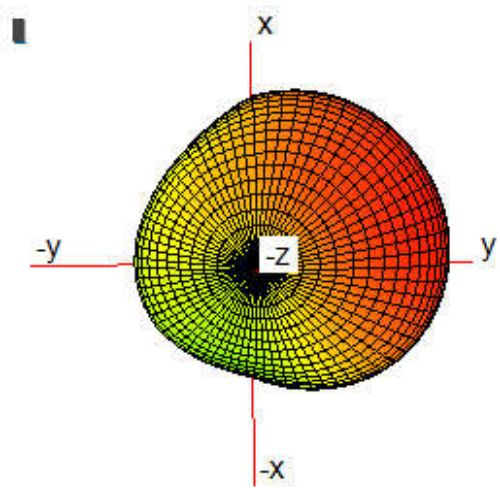
1760MHZ



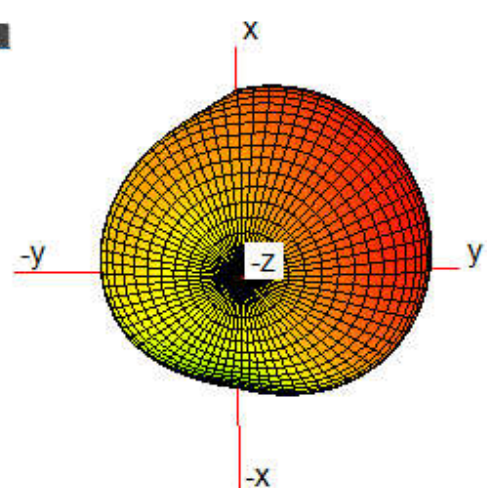
1840MHZ



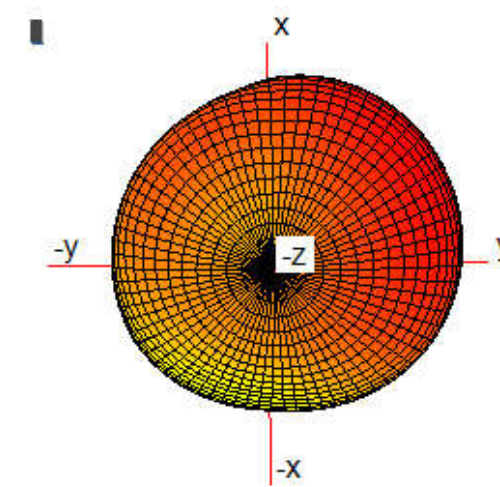
1900MHZ



1940MHZ



1980MHZ



2100MHZ

