
Antenna Reports

Antenna vendor:

Huizhou Speed Wireless technology Co.Ltd./

KUN SHAN Innowave Communication TechnologyCo.Ltd.

Test lab: GTS 2800

Test Instrument: E5071C/CMW500

Test Environment: Temperature 26°C Humidity 45%

Antenna model name: TC637_MAIN

Antenna type: IFA_Metal

Antenna model name: TC637_WIFI_CORE 0

Antenna type: IFA_FPC

Antenna model name: TC637_WIFI_CORE 1

Antenna type:IFA-Metal

Issue date: 2024-7-24

Antenna model name: TC637_NFC

Antenna type:LOOP

Issue date: 2024-7-24

Peak Gain

BT/WLAN core 0 Peak Gain (dBi)			
2400~2483.5MHz	-3	5470~5725MHz	-2
5150~5250MHz	-2	5725~5850MHz	-2
5250~5350MHz	-2		
WLAN core 1 Peak Gain (dBi)			
2400~2483.5MHz	-3	5470~5725MHz	-1.5
5150~5250MHz	-1.5	5725~5850MHz	-1.5
5250~5350MHz	-1.5		

BAND	Peak Gain(dBi)
GSM850	-0.5
GSM900	-0.5
GSM1800	0.5
GSM1900	0.5

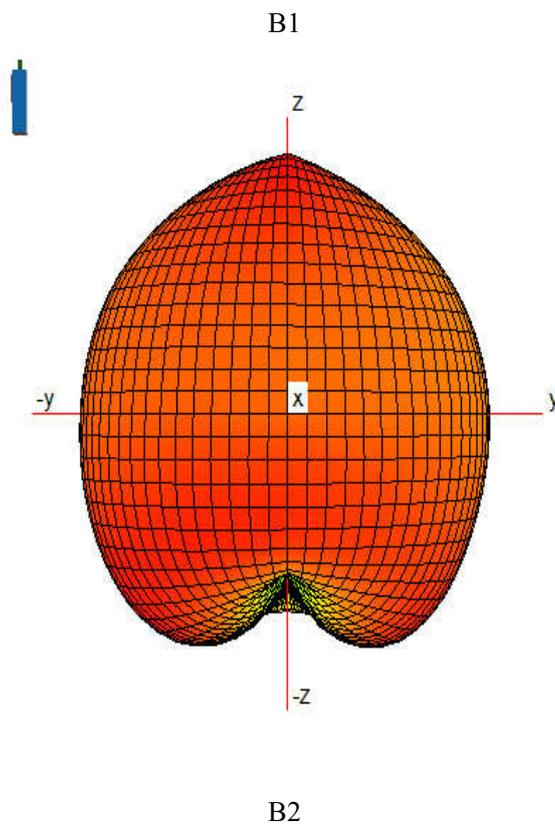
BAND	Peak Gain(dBi)
WCDMA B1	0.5
WCDMA B2	0.5
WCDMA B5	-0.5
WCDMA B6	-0.5
WCDMA B8	-0.5
WCDMA B19	-0.5

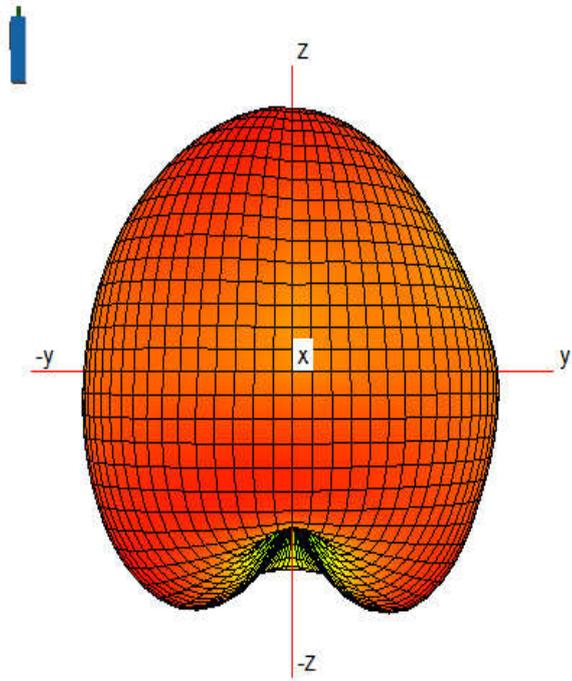
BAND	Peak Gain(dBi)
LTE B1	0.5
LTE B2	0.5
LTE B3	0.5
LTE B4	0.5
LTE B5	-0.5
LTE B7	1
LTE B8	-0.5
LTE B19	-0.5
LTE B20	-0.5
LTE B26	-0.5
LTE B28	-0.5
LTE B38	1
LTE B40	1
LTE B41	1

Test Environment:

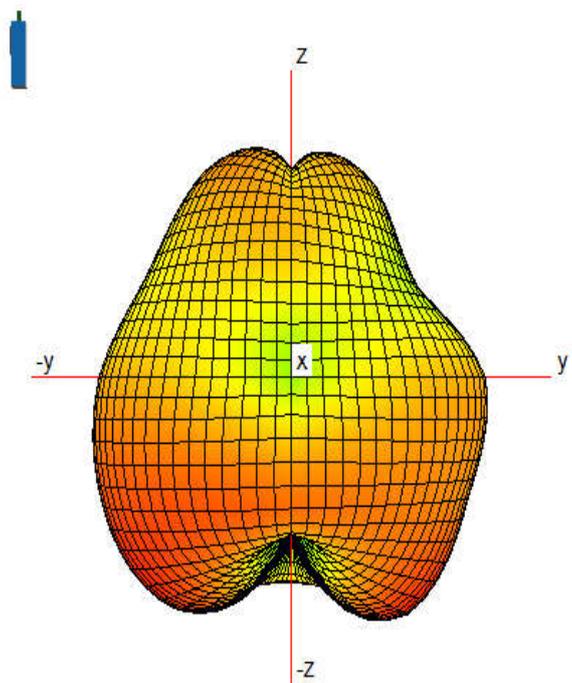
GTS2800 Calibration date	2024-7-12
GTS2800 due date	2025-7-11
E5071C Calibration date	2024-7-12
E5071C due date	2025-7-11
GTS2800 soft	GTS Labra
Test Engineer	<i>Shengjin Huang</i>

Directional Pattern

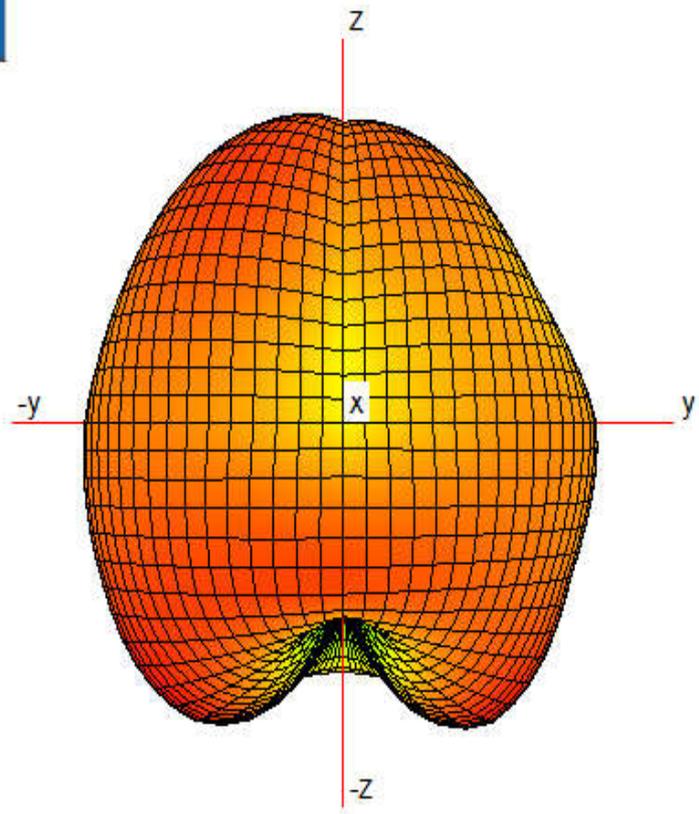




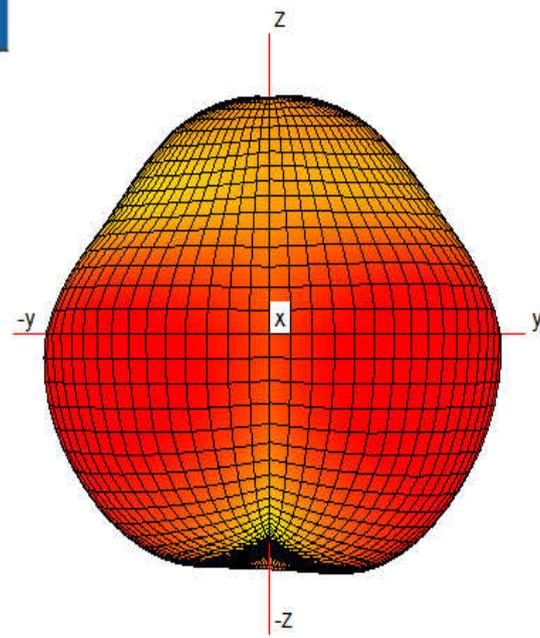
B3



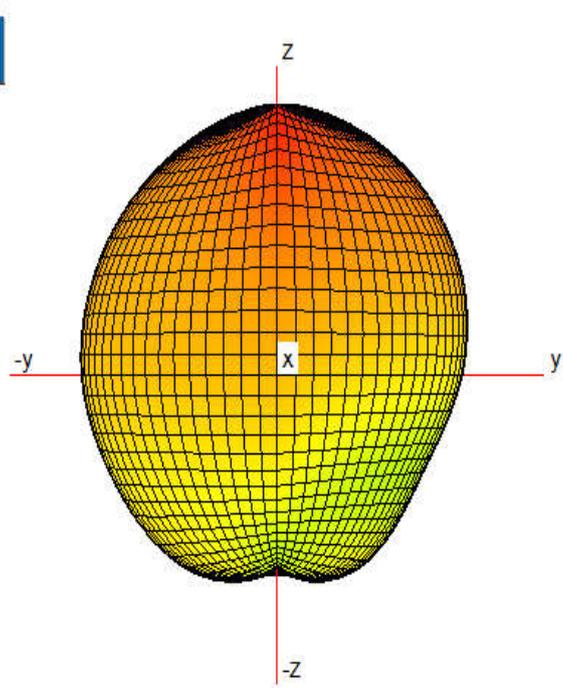
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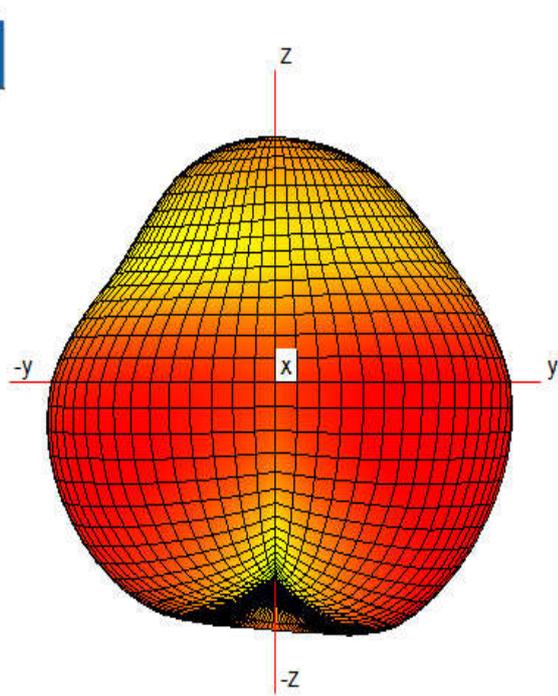
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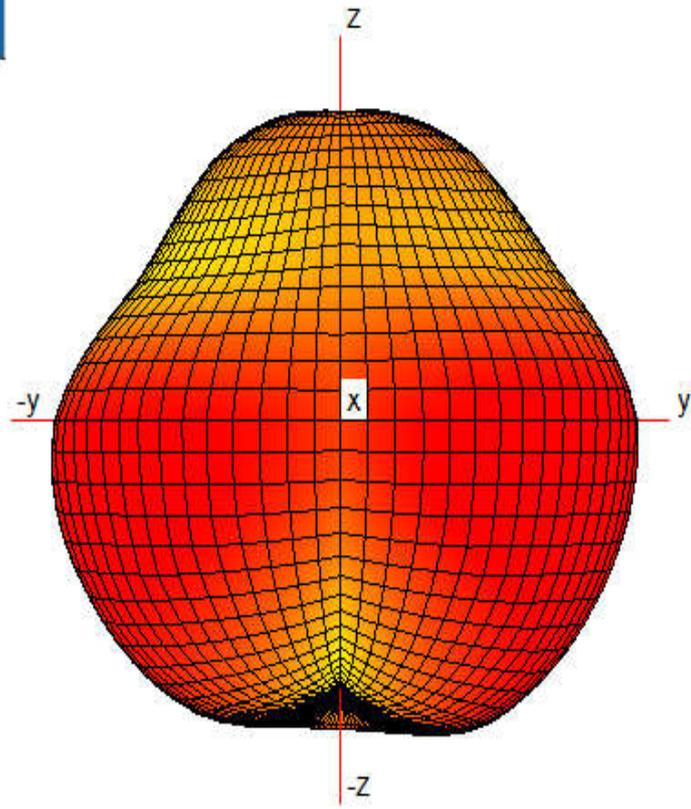
B7



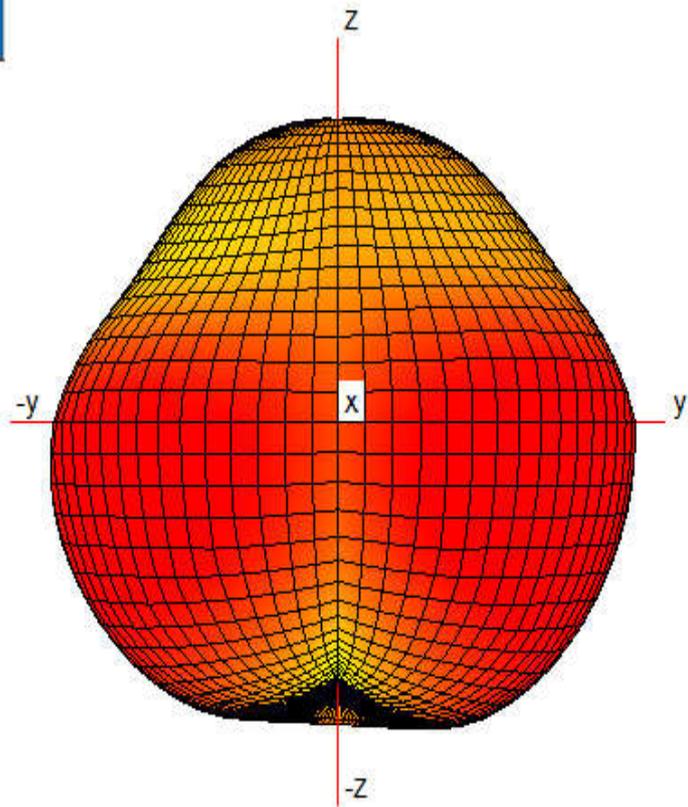
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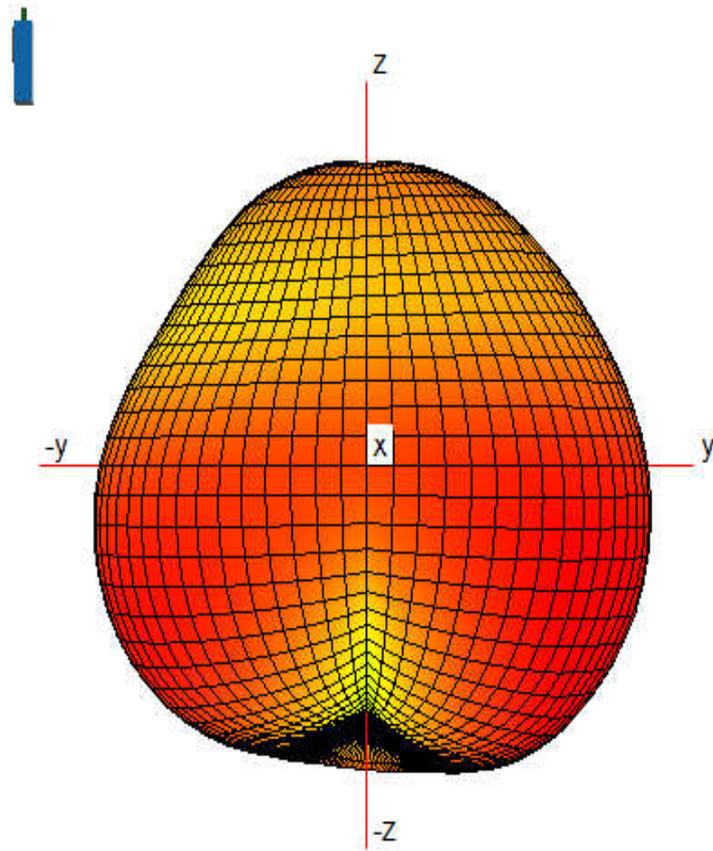
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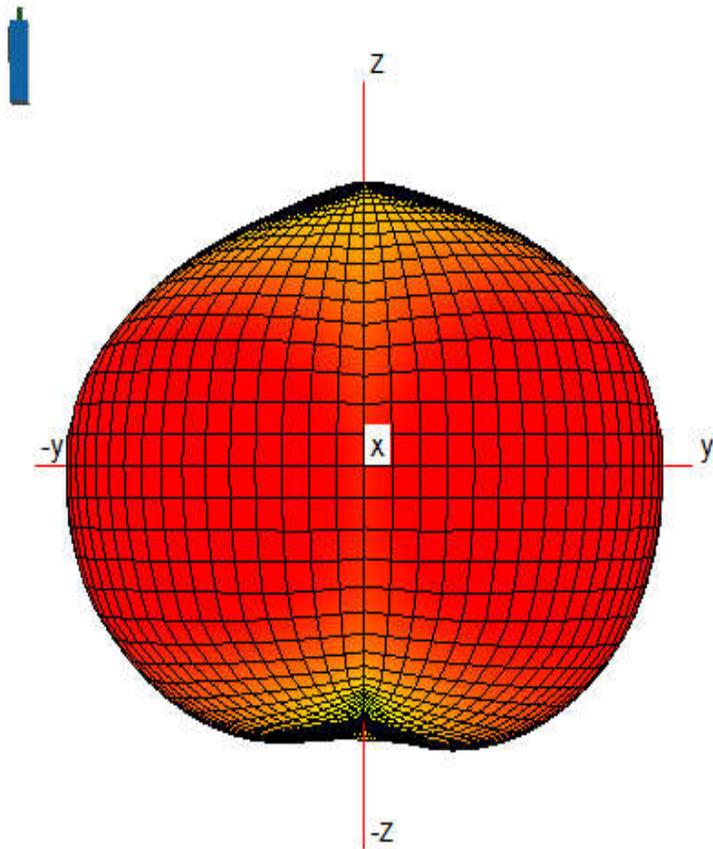
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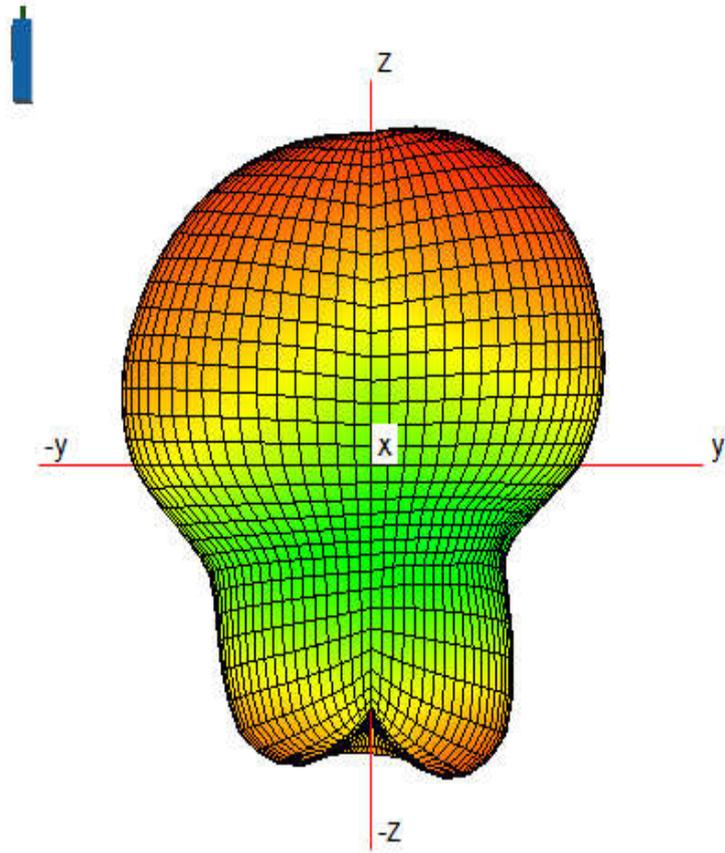
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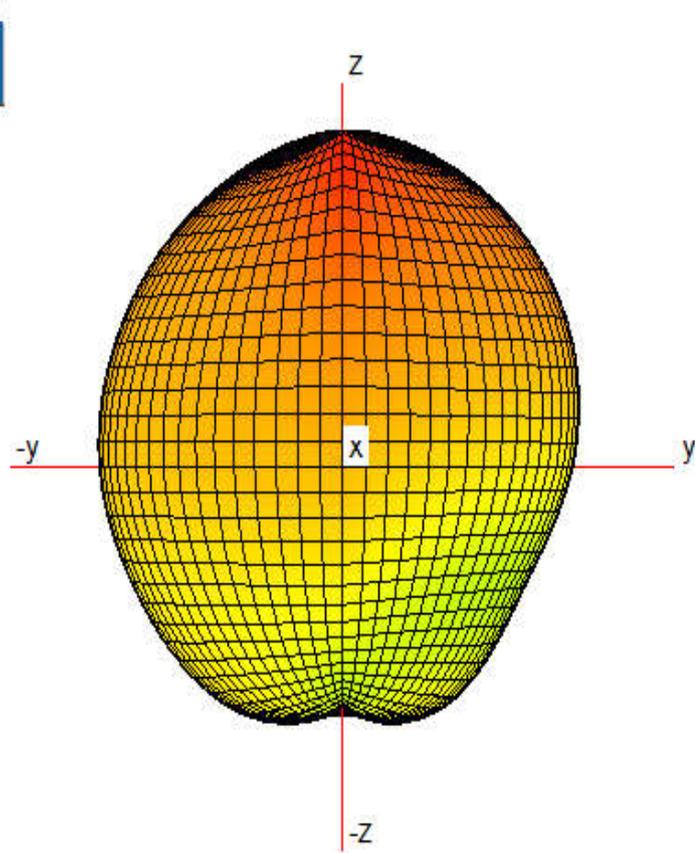
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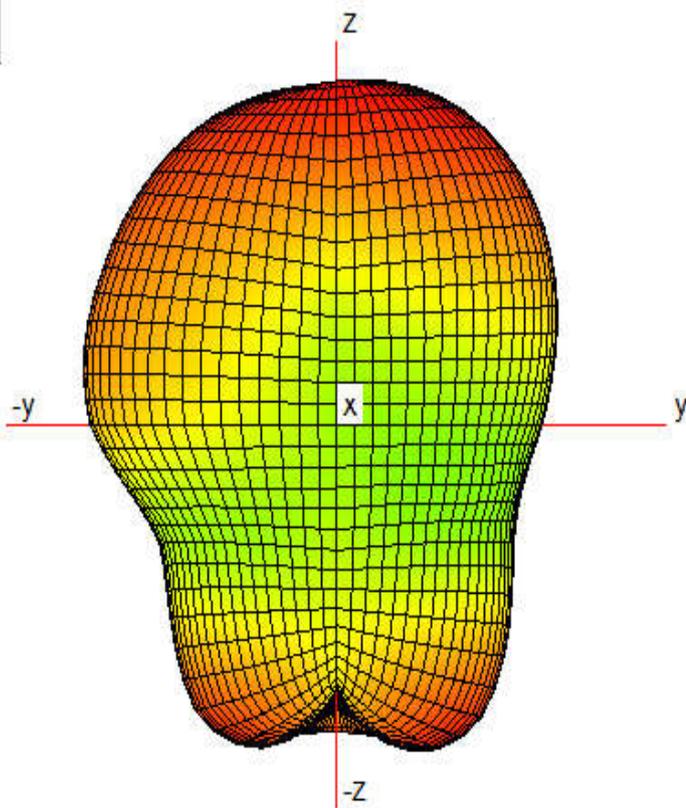


B38

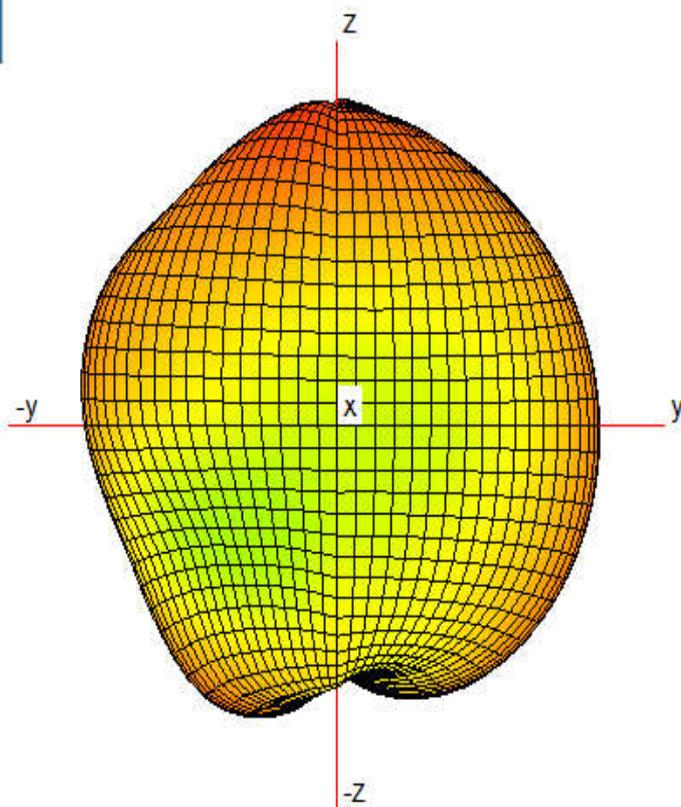


B40

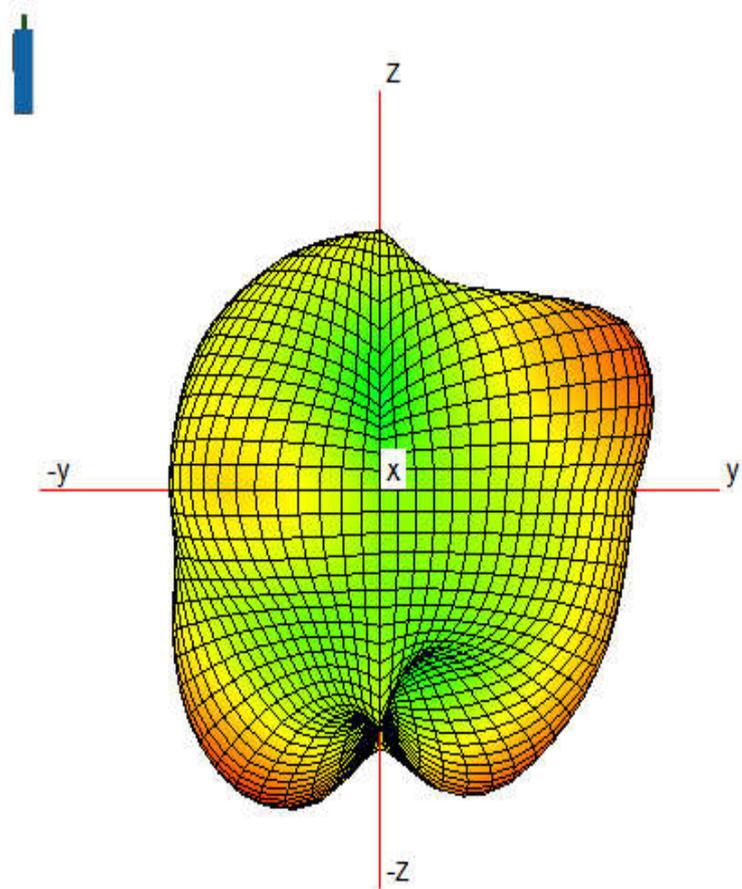




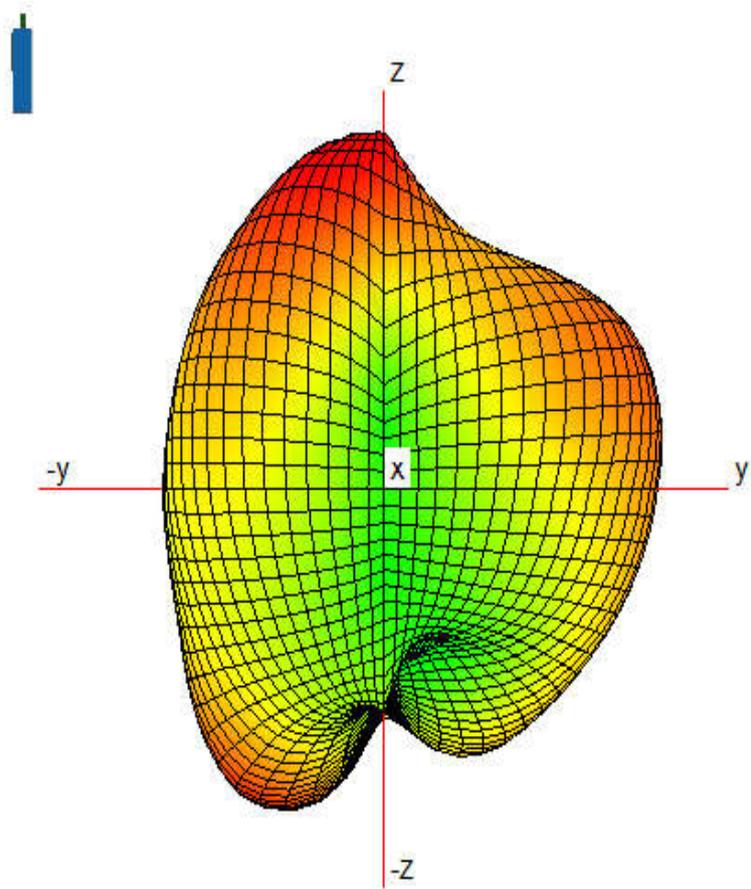
WiFi 2.4G core 0



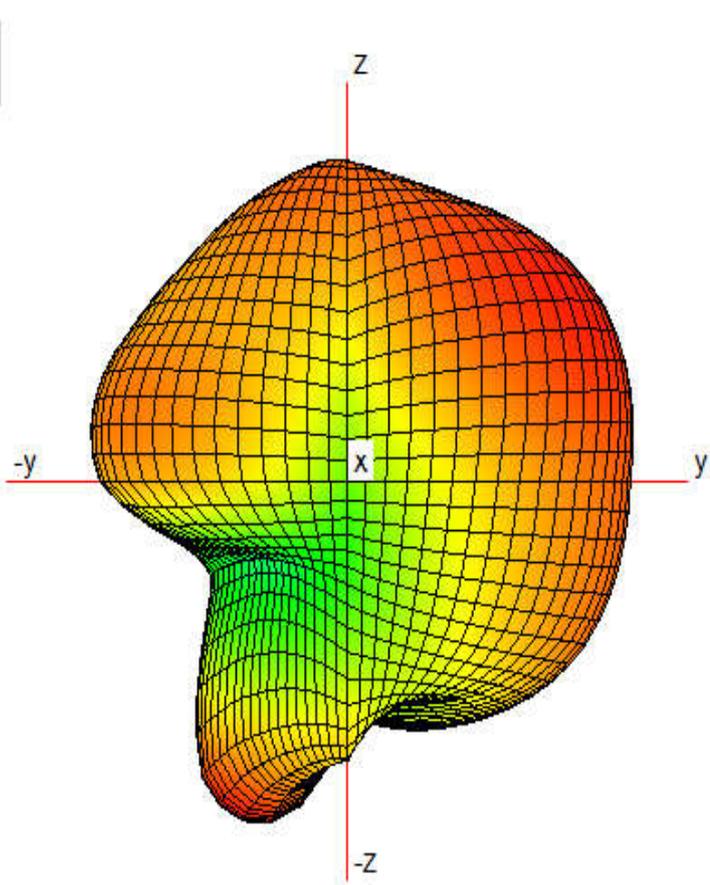
WIFI 5180MHZ core 0



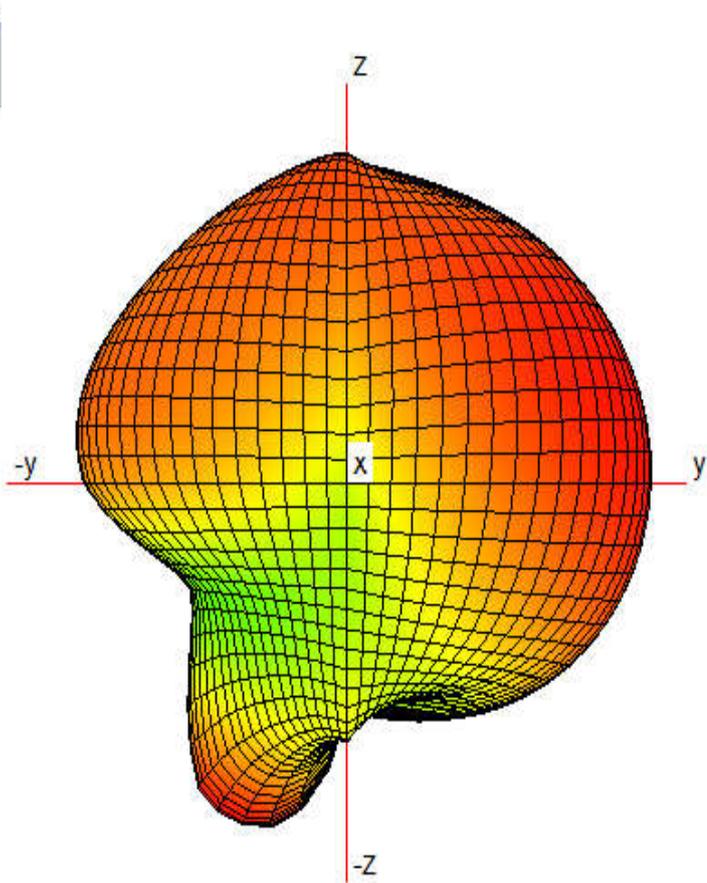
WIFI 5320MHZ core 0



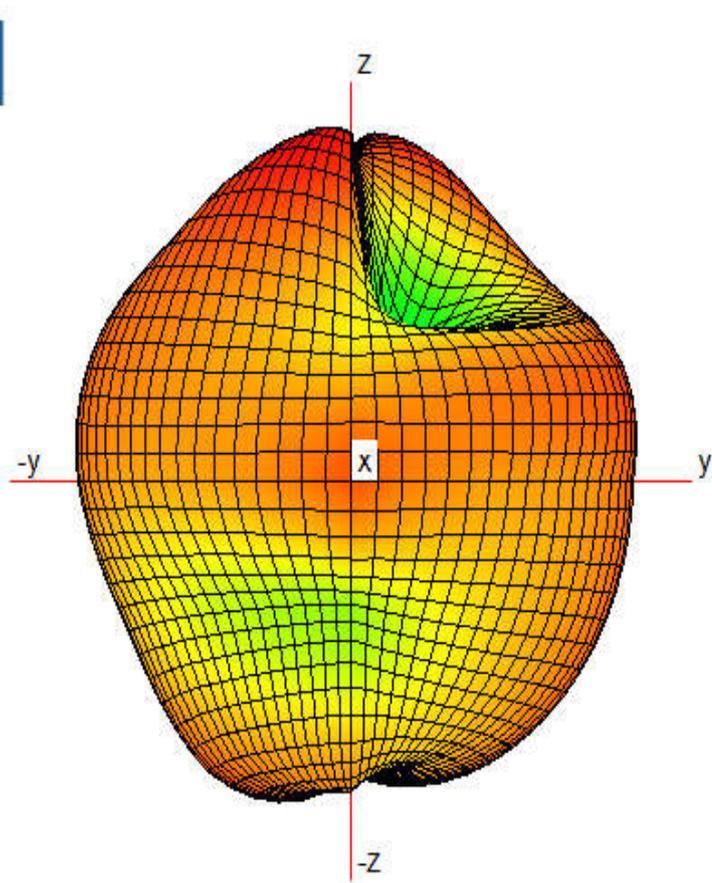
WIFI 5510MHZ core 0



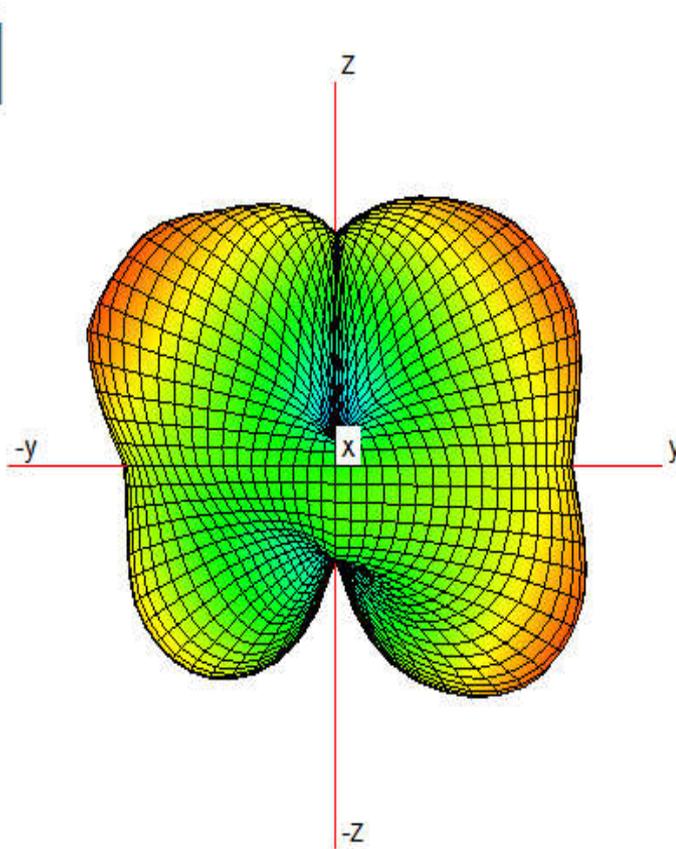
WIFI 5825MHZ core 0



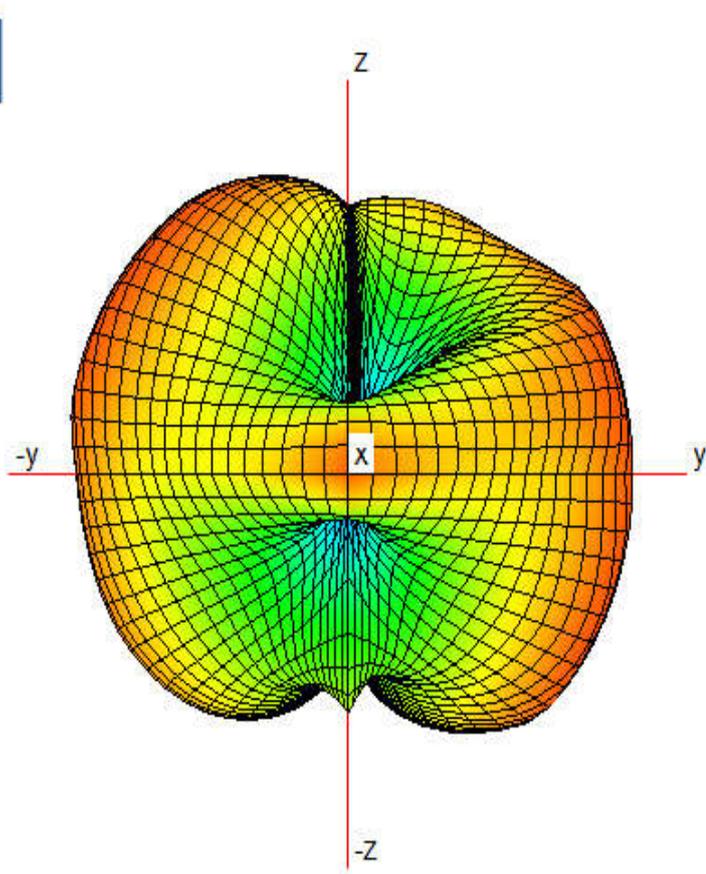
WiFi 2.4G core 1



WiFi 5180MHz core 1



WIFI 5320MHZ core 0



WIFI 5510MHZ core 0

