
Antenna Reports

Antenna vendor: ShenZhen Sunway Communication Co.,Ltd. /

Huizhou Speed Wireless technology Co.,Ltd.

Test lab: GTS 2800

Test Instrument: E5071C/CMW500

Test Environment: Temperature 26°C Humidity 45%

Antenna model name: GPS&WIFI&BT Antenna

Antenna type: PIFA

Antenna model name: Main Antenna

Antenna type: PIFA

Antenna model name: Diversity Antenna

Antenna type: PIFA

Issue date: 2022-8-12

Peak Gain

BT/WLAN Peak Gain (dBi)			
2400~2483.5MHz	-1.5	5470~5725MHz	-1.6
5150~5250MHz	-1.7	5725~5850MHz	-1.6
5250~5350MHz	-1.7		

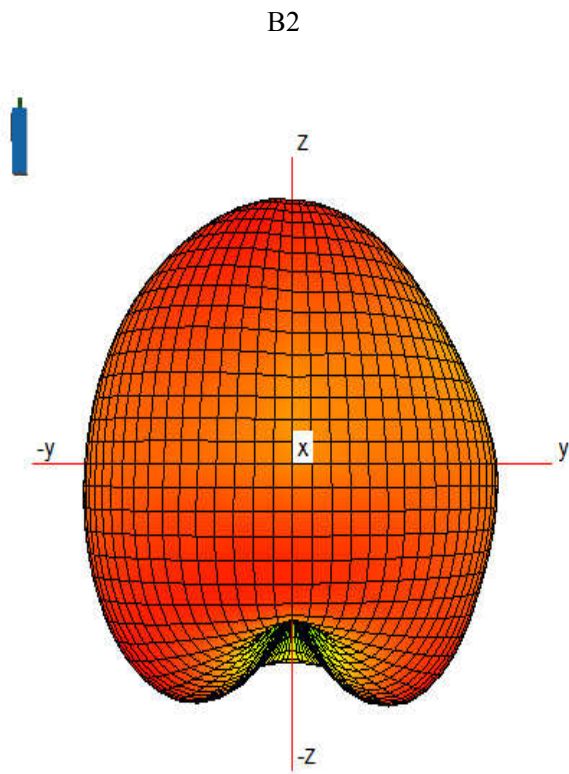
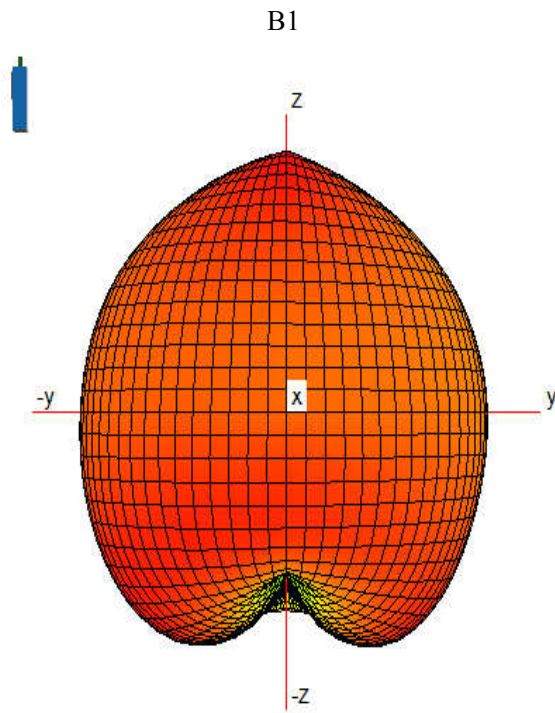
BAND	Peak Gain(dBi)
GSM850	-2.5
GSM900	-2.3
GSM1800	-1.2
GSM1900	-1.1

BAND	Peak Gain(dBi)
WCDMA B1	-1
WCDMA B2	-1.1
WCDMA B5	-2.5
WCDMA B6	-2.5
WCDMA B8	-2.3
WCDMA B19	-2.5

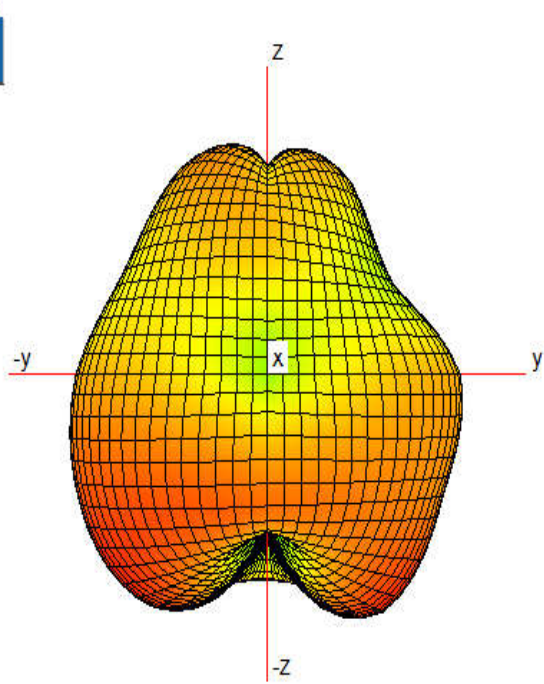
BAND	Peak Gain(dBi)
LTE B1	-1
LTE B2	-1.1
LTE B3	-1.2
LTE B4	-1.2
LTE B5	-2.5
LTE B7	-0.2
LTE B8	-2.3
LTE B19	-2.5
LTE B20	-2.4
LTE B26	-2.5
LTE B28	-3.7
LTE B38	-0.2
LTE B40	-0.5
LTE B41	-0.2

Test Environment: GTS2800

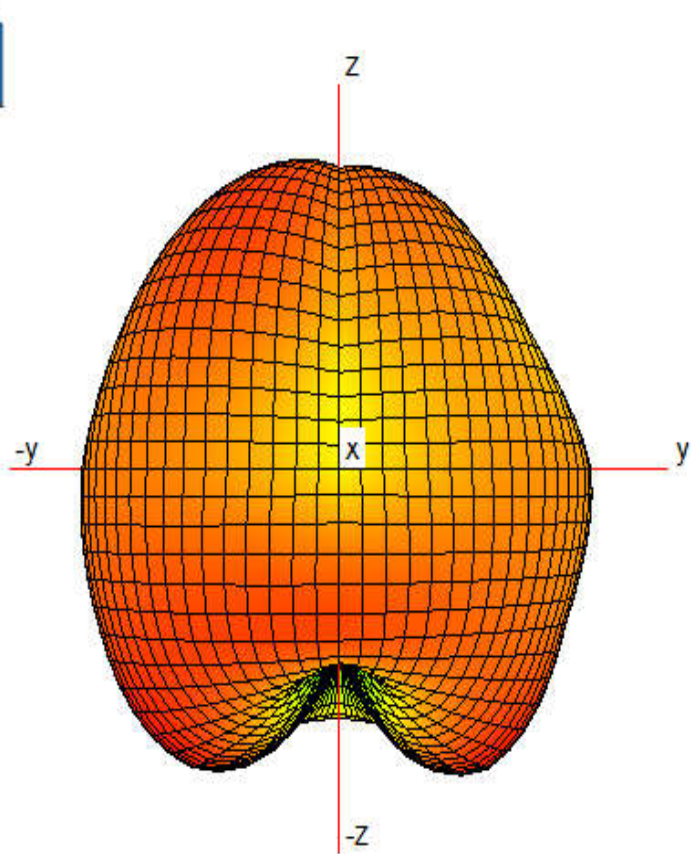
Directional Pattern



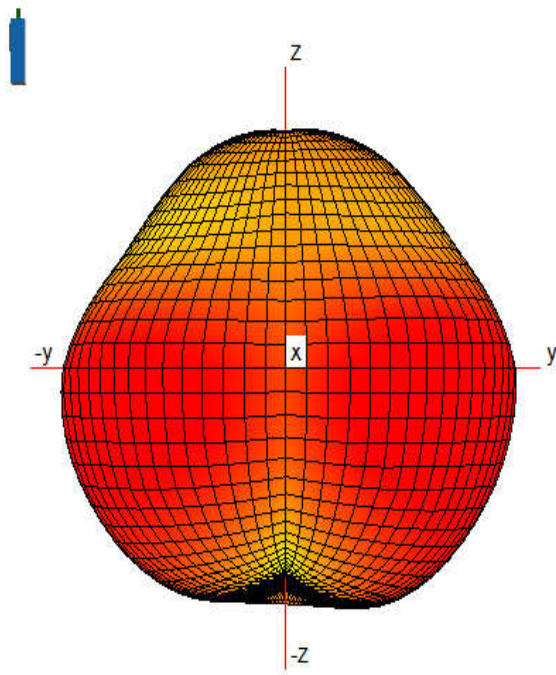
B3



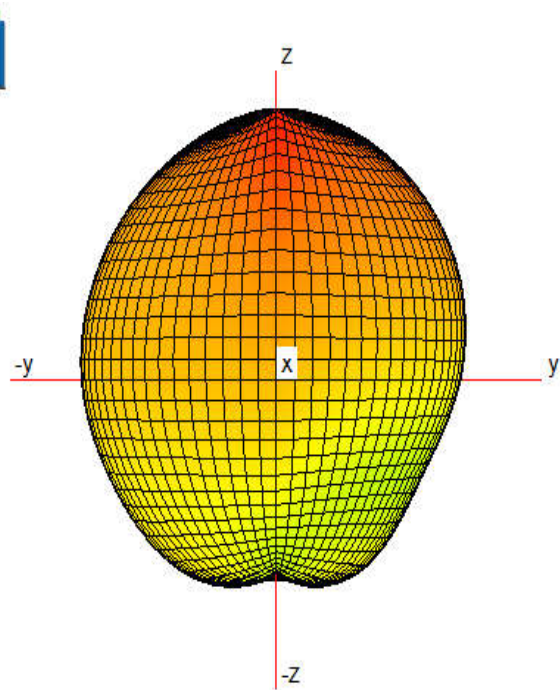
B4



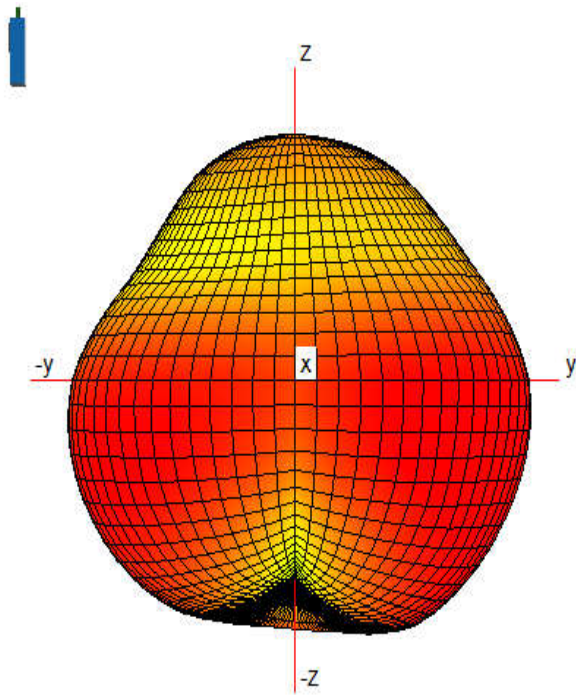
B5



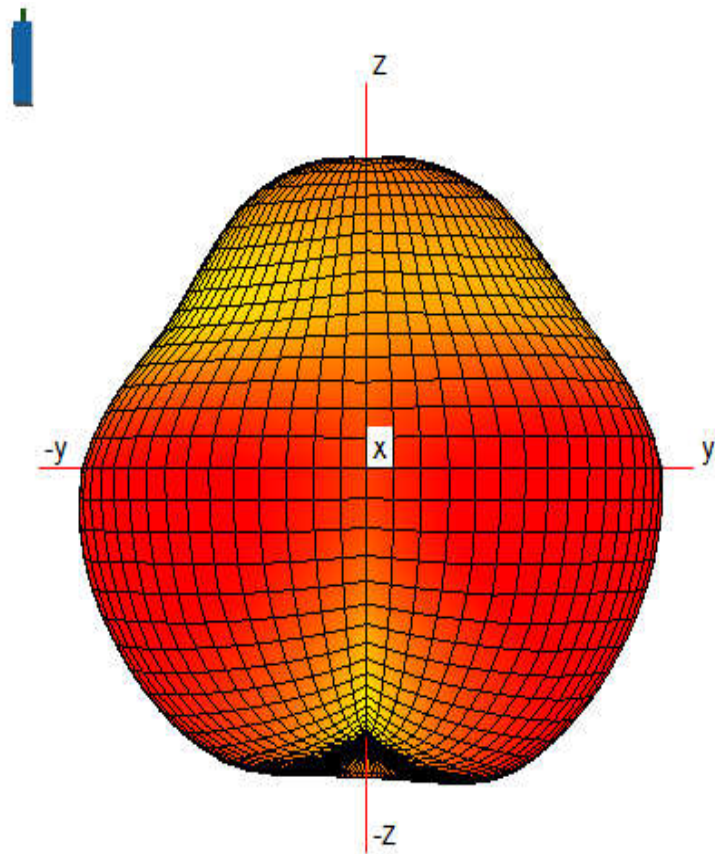
B7



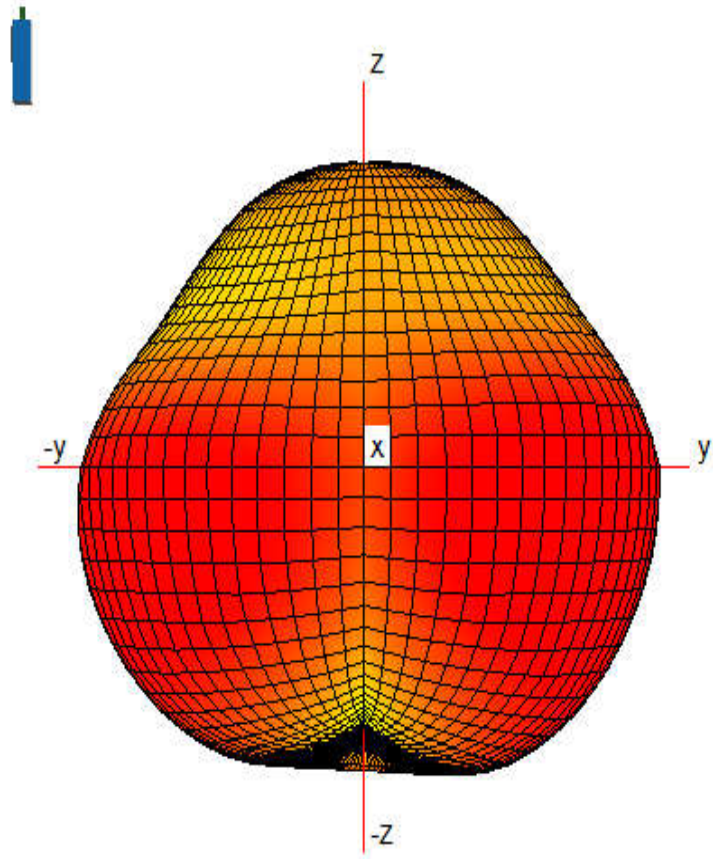
B8



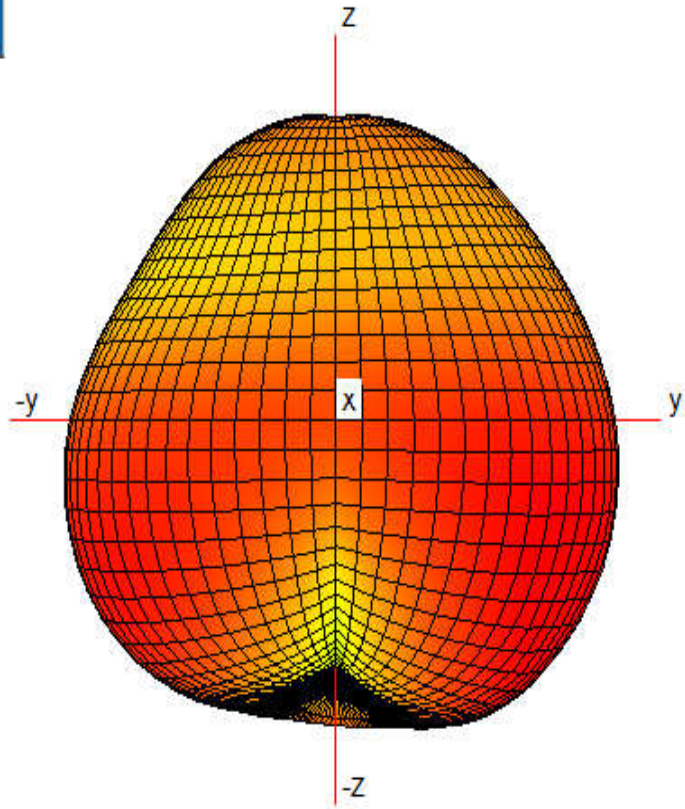
B19



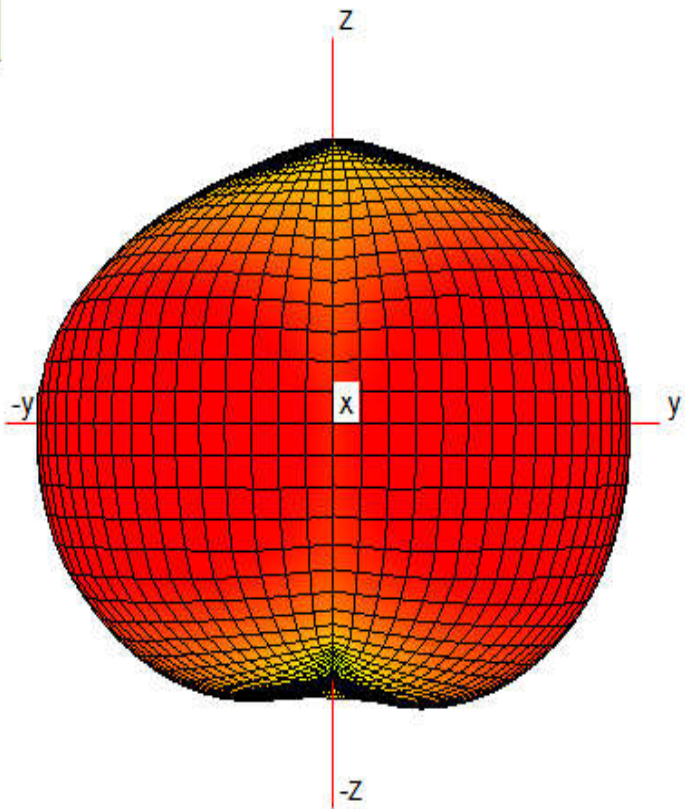
B20



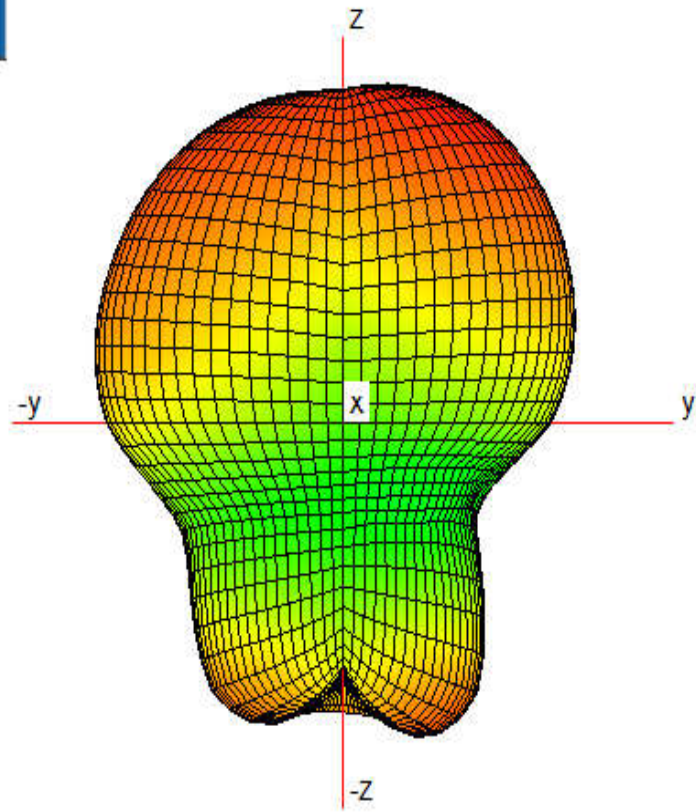
B26



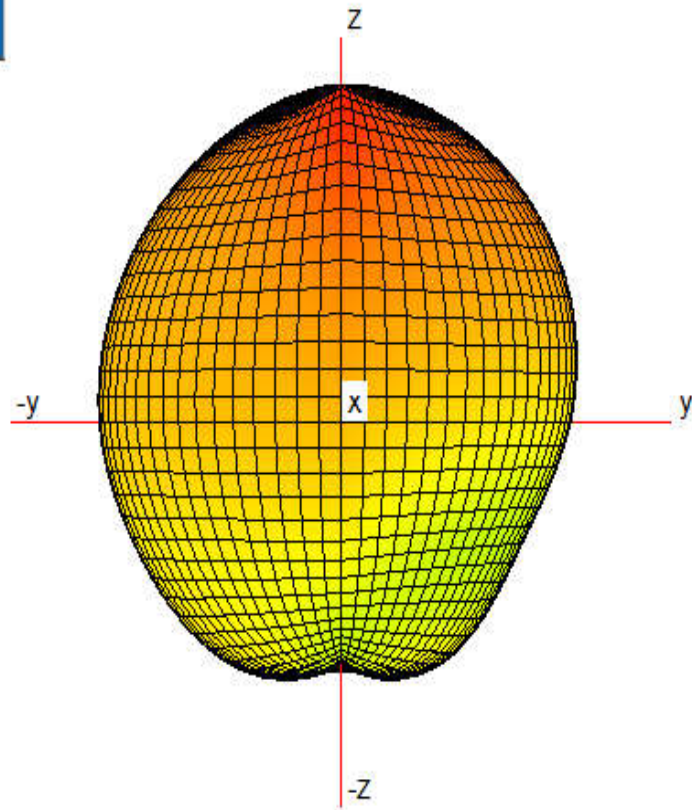
B28



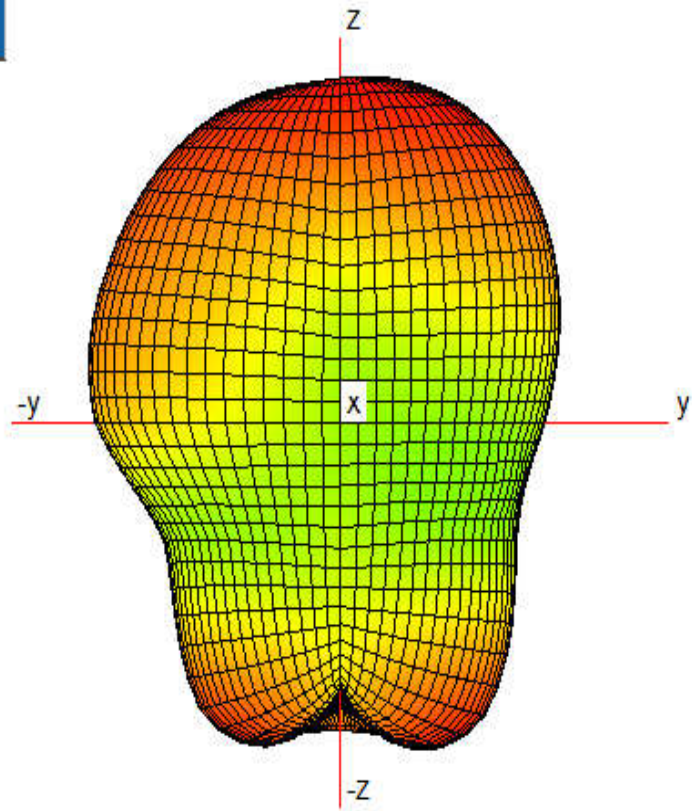
B38



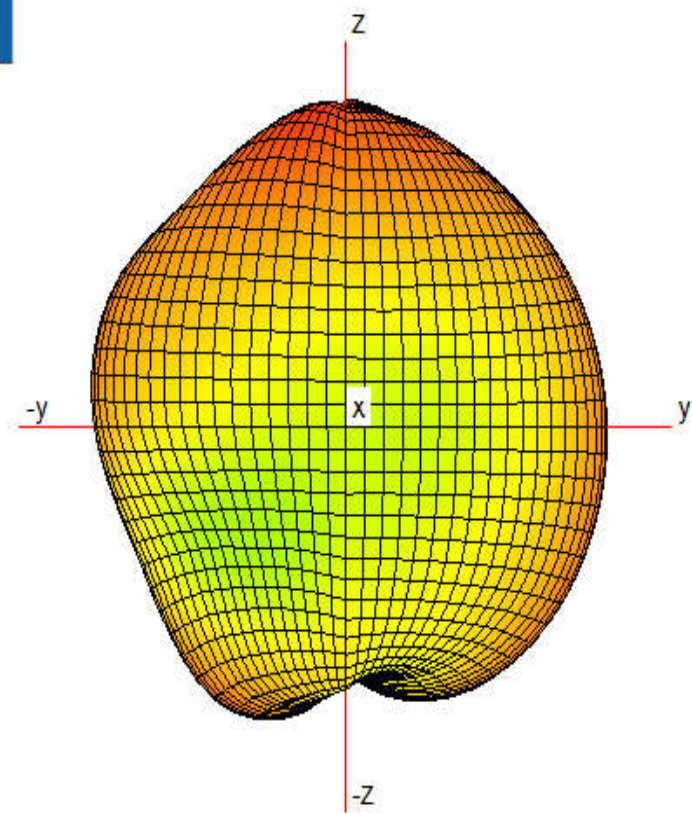
B40



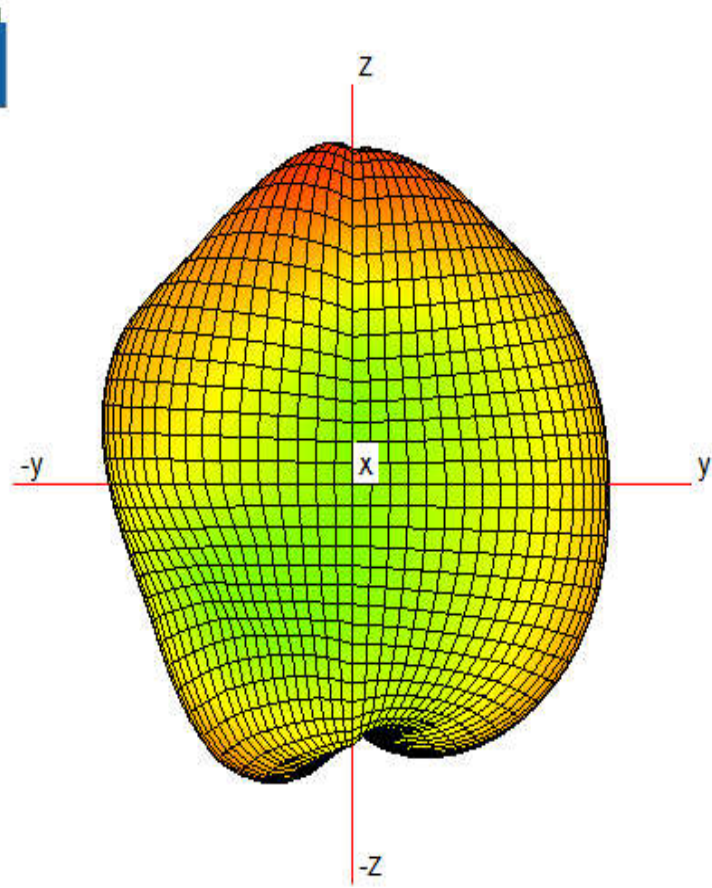
B41



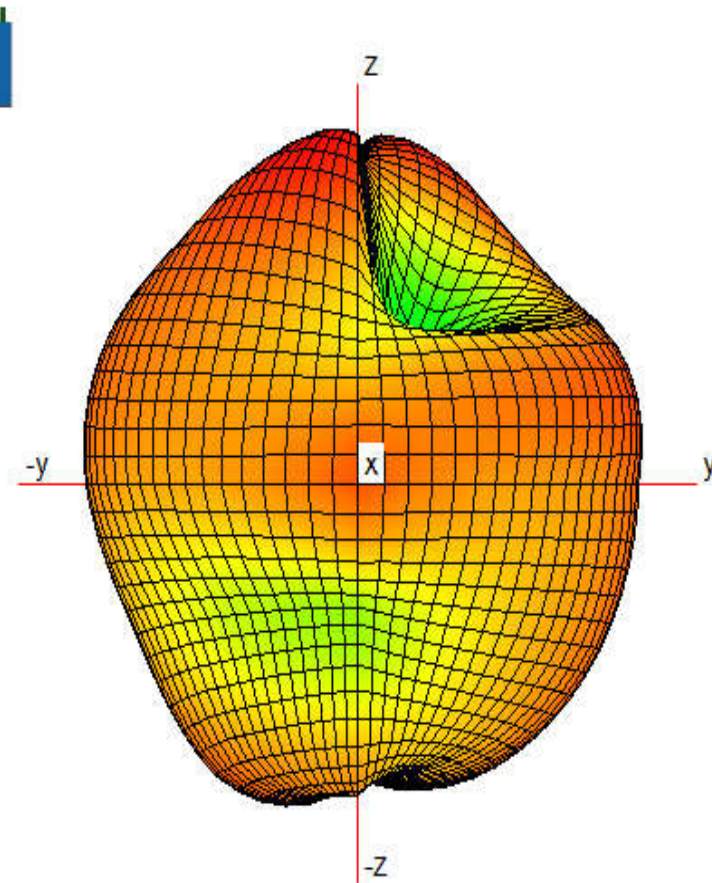
WiFi 2.42G



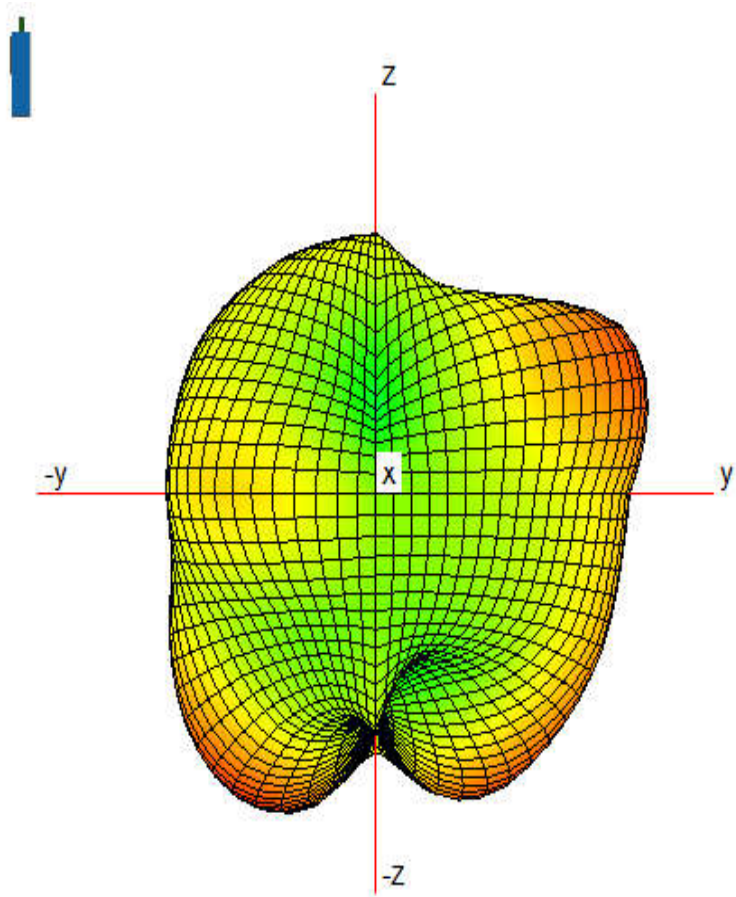
WiFi 2.45G



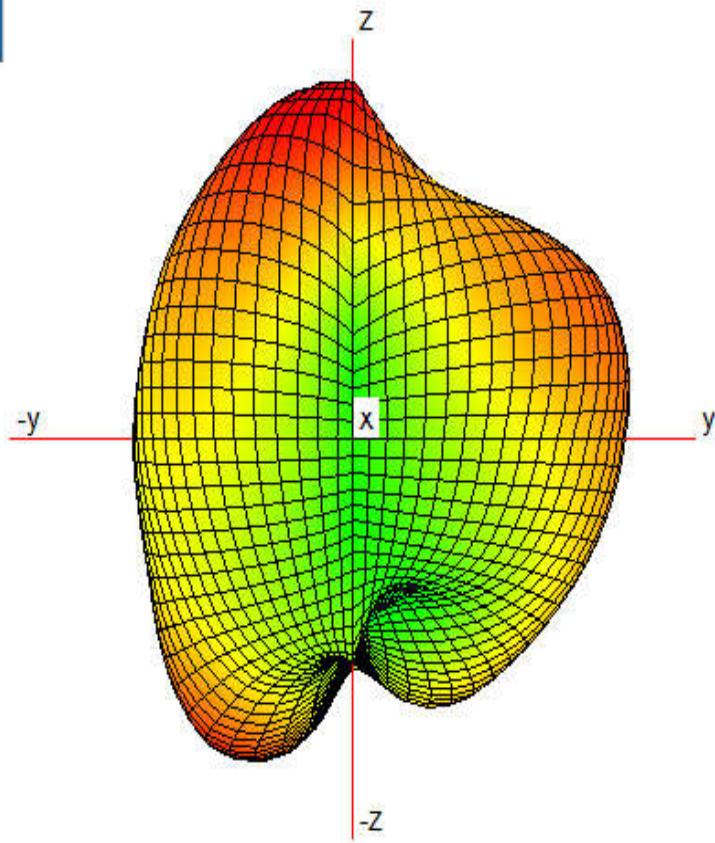
WiFi 2.48G



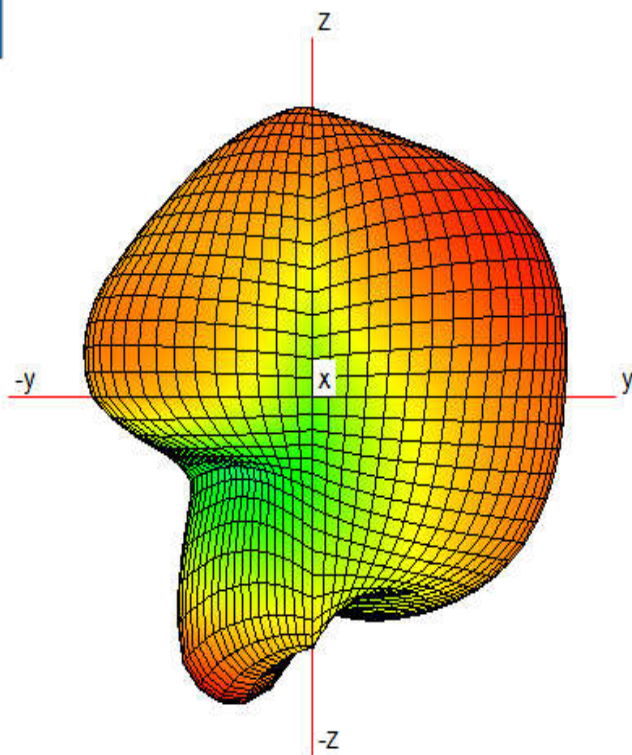
WIFI 5150MHZ



WIFI 5300MHz



WIFI 5500MHz



WIFI 5800MHz

