

PQ84A33 Antenna Specification

1、Antenna
Location
Drawing

A1/A2/A3/A4/A5/A7/A8/A9/A10/A11: Manufacture:
Huizhou BYD Electronics Co., Ltd.Address:
Xiangshui River, Daya Bay Economic and
Technological Development Zone, Huizhou,
Guangdong Province
Specification & Model: ZX346.53JA-01-03、
ZX346.53JA-01-04

A12:
Manufacture: Auden Techno(KUNSHAN)CO.
LTD
Address: NO.15 YING-BIN ROAD,
LUYANGTOWN, KUNSHAN , JIANGSU
Specification & Model:
ZX346.53JA-01-98

A13:
Manufacture: Zhejiang Haitong
communications electronic Ltd.
Address: NO. 1607, Binhai Park,
Wenzhou, Zhejiang
Specification & Model:
ZX346.53JA-01-99

A1 W8/G900/B8/N8
W5/W6/W19/G850/B5/N5/B18/B19/B20/B26
B12/B17/B28/N28
B41/N41/B38/N38/B7/N7
B40/N40

A2 G1800/B3/N3
G1900/B1/N1/W1
B41/N41/B38/N38/B7/N7
B40/N40
B2/W2/N2/B25/N25
B4/W4/B66/N66
B34
B39
N79
B5/N5
B8/N8
B28/N28
N77/N78/B42

A3 W8/G900/B8/N8

W5/W6/W19/G850/B5/N5/B18/B19/B20/B26
B12/B17/B28/N28
B3/B66/N3
B1/N1
B41/N41/B38/N38/B7/N7
B40/N40
N79

A4 WIFI 2.4G CH0
 B1/N1
 B3/N3
 B66/N66

A5 WIFI 5G CH1
 N78/N77/B42

A7 GPS L5
 GPS L1

A8 WIFI 5G CH0
 N78/N77/B42

A9 G1800/B3/N3
 G1900/B1/N1/W1
 B41/N41/B38/N38/B7/N7
 B40/N40
 B2/W2/N2/B25/N25
 B4/W4/B66/N66
 B34
 B39

A10 WIFI 2.4G CH1
 N78/N77/B42
 N79

A11 B5/N5
 B8/N8
 B28/N28

A12 N79

2. Working Principle of Dual Antennas

1. According to the default ASDIV (Antenna Switch Diversity) mechanism of the Qualcomm platform, the signal quality of the upper and lower antennas is assessed, and the optimal antenna is selected.

2. Power Mode: N/A

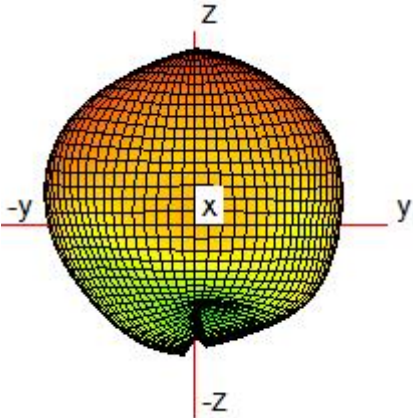
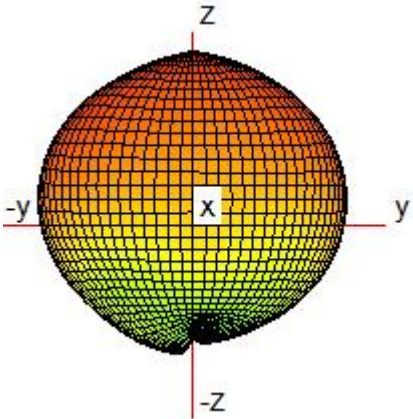
3. Antenna Gain and Radiation Pattern

		Gain(dBi)
A1	W8/G900/B8/N8	-3dBi
	W5/W6/W19/G850/B5/N5/B18/B19/B20/B26	-2.5dBi
	B12/B17/B28/N28	-4.1dBi
	B41/N41/B38/N38/B7/N7	-5dBi
	B40/N40	/
A2	G1800/B3/N3	-2.5dBi
	G1900/B1/N1/W1	-2.3dBi
	B41/N41/B38/N38/B7/N7	-3dBi
	B40/N40	-2.8dBi
	B2/W2/N2/B25/N25	-2.6dBi
	B4/W4/B66/N66	-2.5dBi
	B34	-2.3dBi
	B39	-2.7dBi
	N79	-6.3dBi
	B5/N5	/
	B8/N8	/
	B28/N28	/
	N77/N78/B42	-3.2dBi
A3	W8/G900/B8/N8	-4dBi
	W5/W6/W19/G850/B5/N5/B18/B19/B20/B26	-3.2dBi
	B12/B17/B28/N28	-5.1dBi
	B3/B66/N3	-2.2dBi
	B1/N1	-2.3dBi
	B41/N41/B38/N38/B7/N7	-2.8dBi
	B40/N40	/
	N79	/
A4	WIFI 2.4G CH0	-1.7dBi
	B1/N1	-2.7dBi
	B3/N3	-1.8dBi
	B66/N66	
A5	WIFI 5G CH1	-3.6dBi
	N78/N77/B42	-1.7dBi
A7	GPS L5	/
	GPS L1	/
A8	WIFI 5G CH0	-3.5dBi
	N78/N77/B42	-5.8dBi
A9	G1800/B3/N3	-1.5dBi
	G1900/B1/N1/W1	-1.8dBi

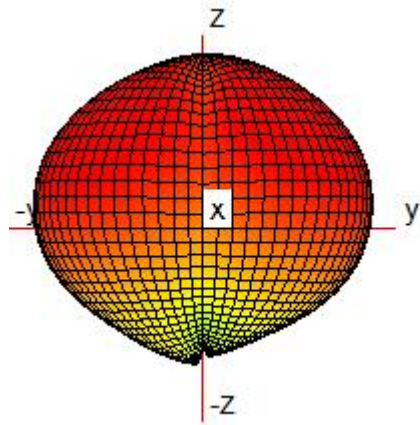
B41/N41/B38/N38/B7/N7	-2.2dBi
B40/N40	-2.7dBi
B2/W2/N2/B25/N25	-1.5dBi
B4/W4/B66/N66	-1.7dBi
B34	-1.6dBi
B39	-1.5dBi

A10	WIFI 2.4G CH1	-3.7dBi
	N78/N77/B42	-0.6dBi
	N79	-1.6dB
A11	B5/N5	/
	B8/N8	/
	B28/N28	/
A12	N79Radiation	/

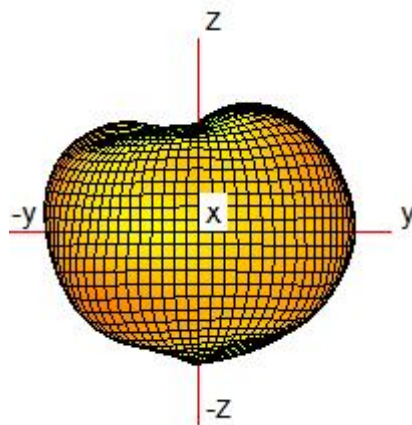
Pattern:

Antenna 1	Radiated pattern diagram
W8/G900/B8/N8	
W5/W6/W19/G850/B5/N5/B18/B19/B20/B26	

B12/B17/B28/N28

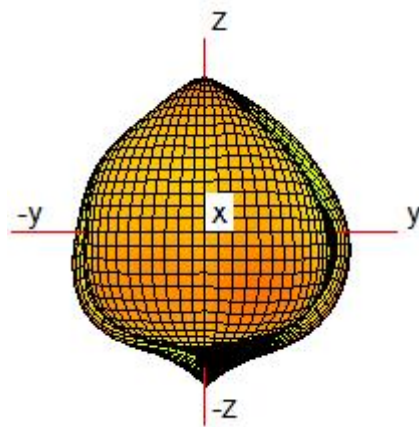


B41/N41/B38/N38/B7/N7

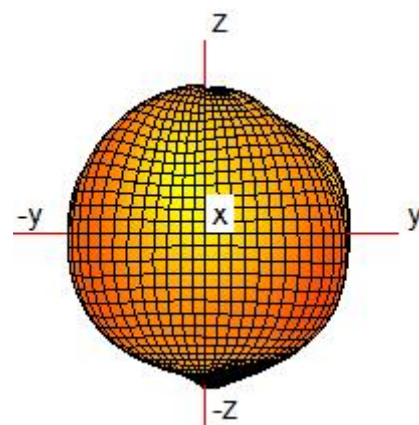


Antenna 2

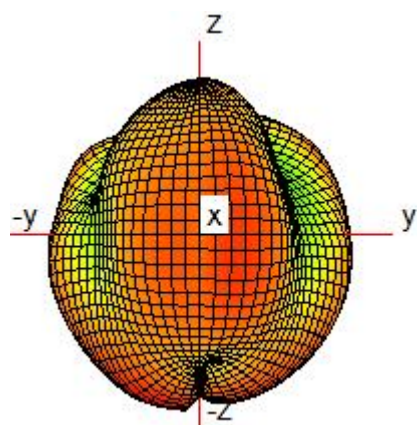
G1800/B3/N3



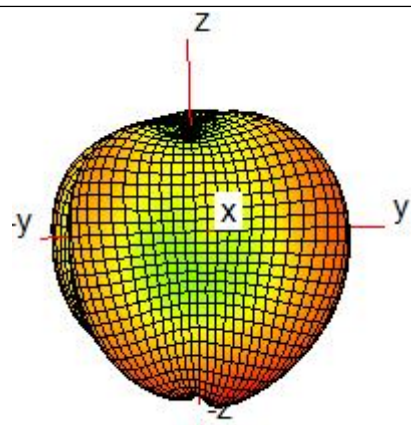
G1900/B1/N1/W1



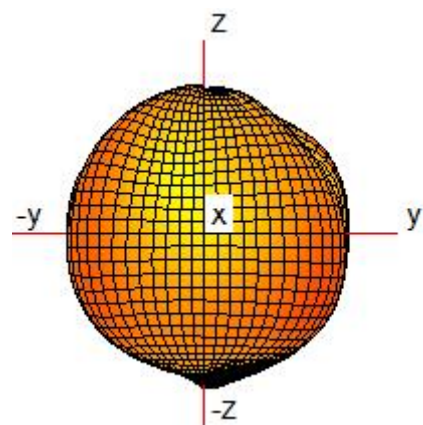
B41/N41/B38/N38/B7/N7



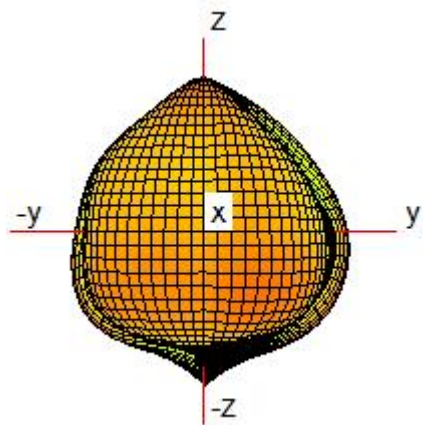
B40/N40



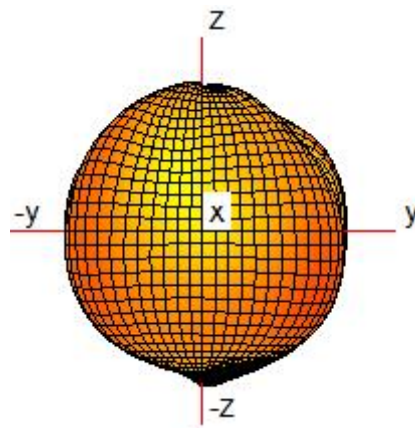
B2/W2/N2/B25/N25



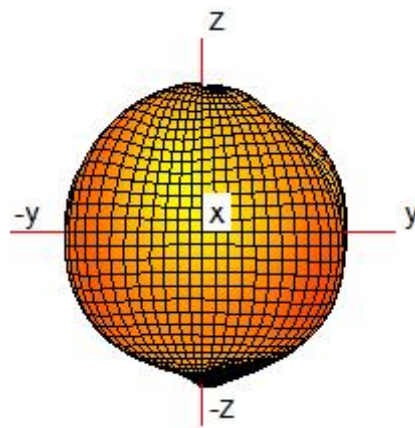
B4/W4/B66/N66



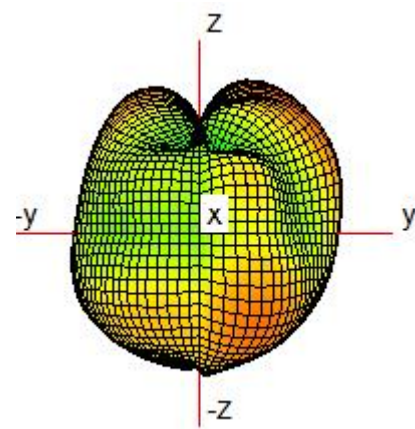
B34



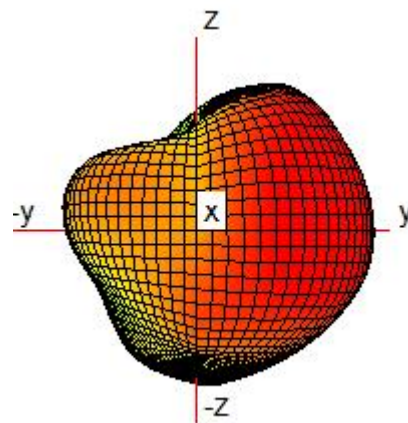
B39



N79

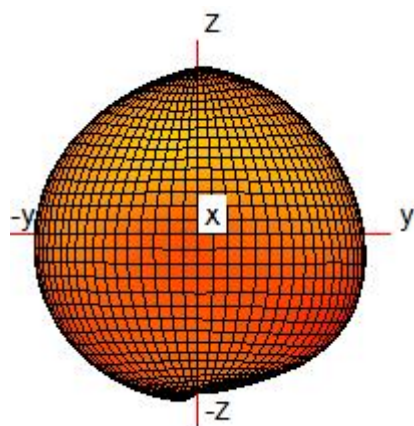


N77/N78/B42

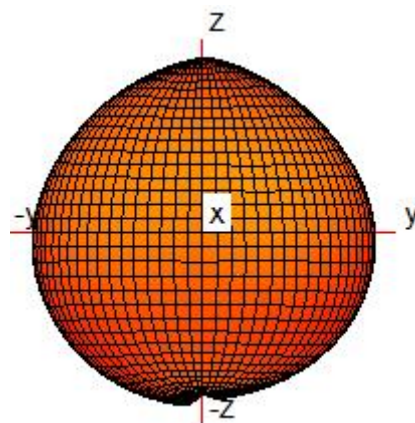


Antenna 3

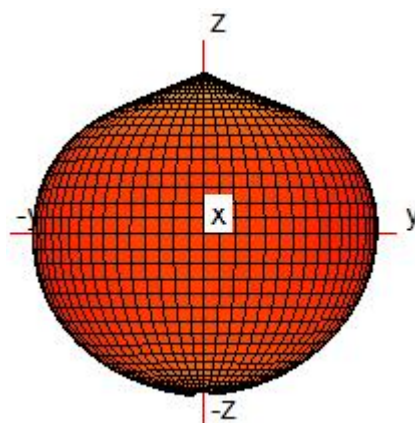
W8/G900/B8/N8



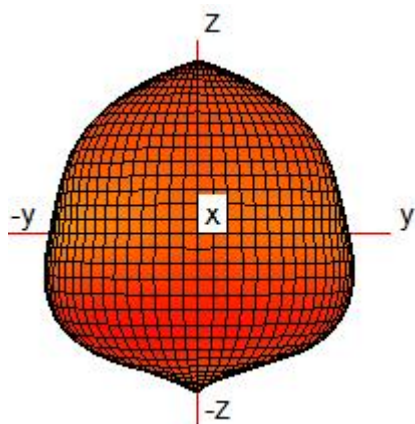
W5/W6/W19/G850/B5/N5/B18/B19/B20/B26



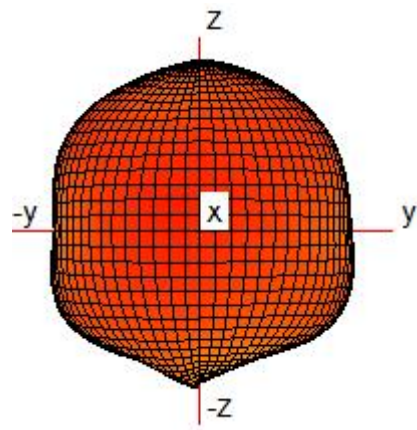
B12/B17/B28/N28



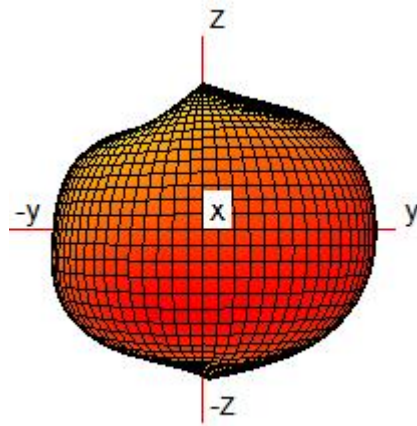
B3/B66/N3



B1/N1

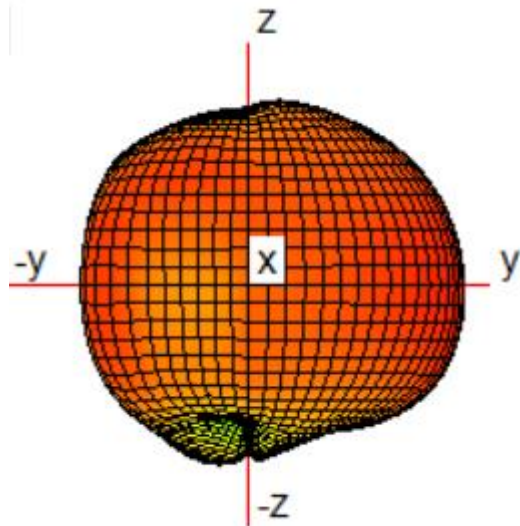


B41/N41/B38/N38/B7/N7



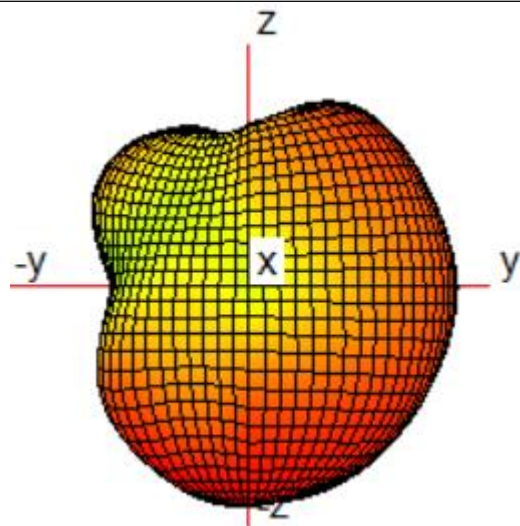
Antenna 4

WIFI 2.4G CH0

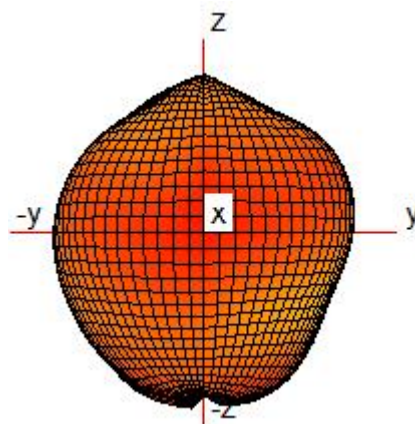


Antenna 5

WIFI 5G CH1

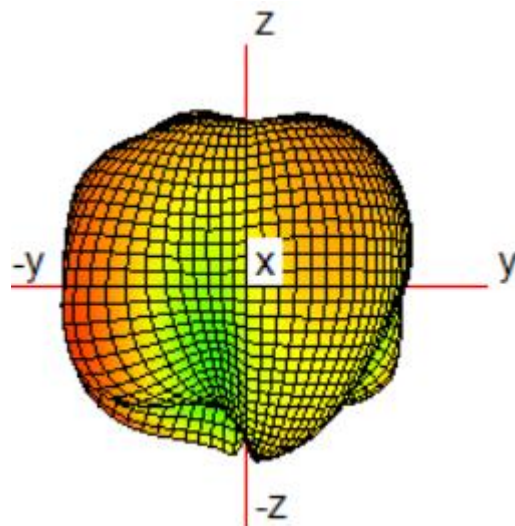


N78/N77/B42

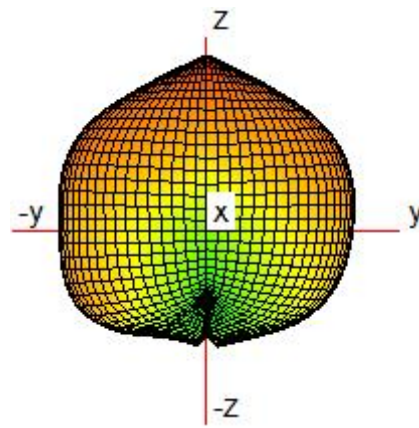


Antenna 8

WIFI 5G CH0

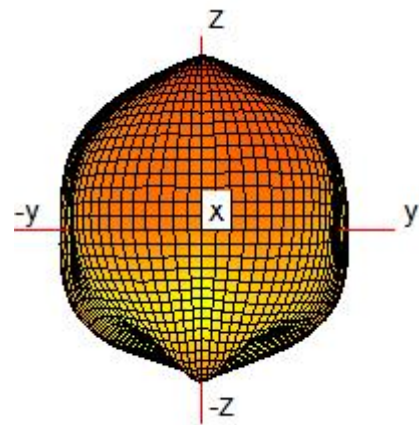


N78/N77/B42

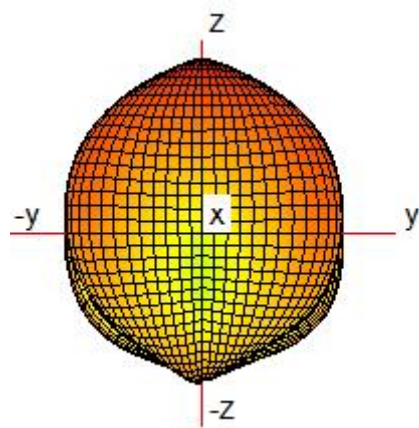


Antenna 9

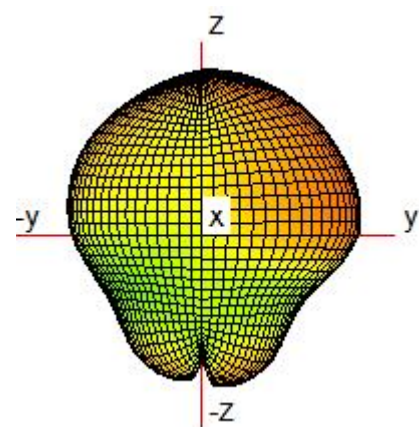
G1800/B3/N3



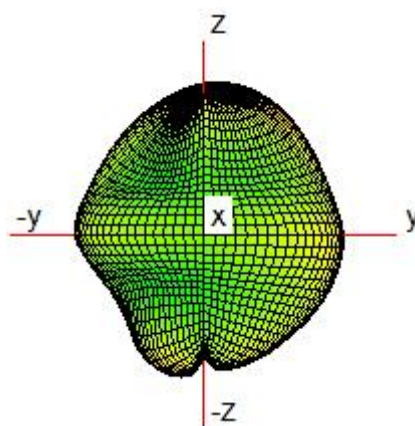
G1900/B1/N1/W1



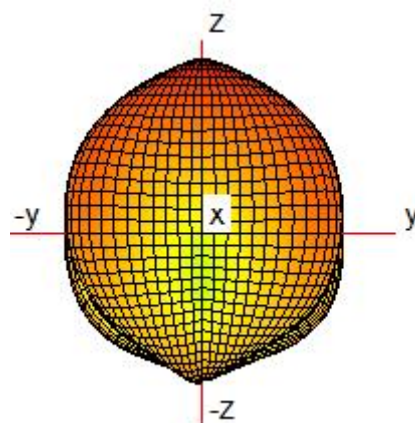
B41/N41/B38/N38/B7/N7



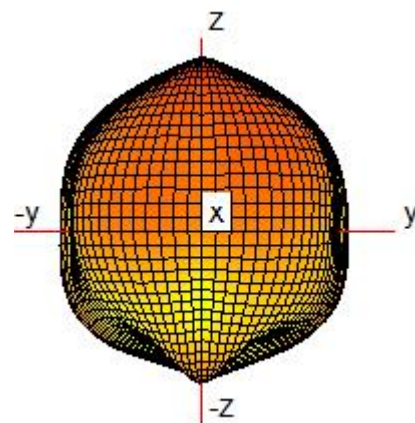
B40/N40



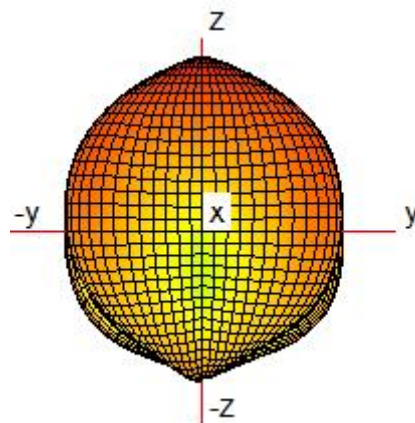
B2/W2/N2/B25/N25



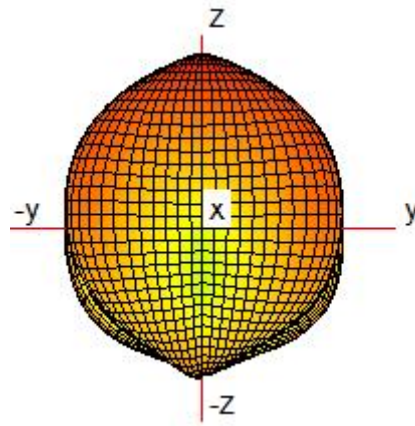
B4/W4/B66/N66



B34

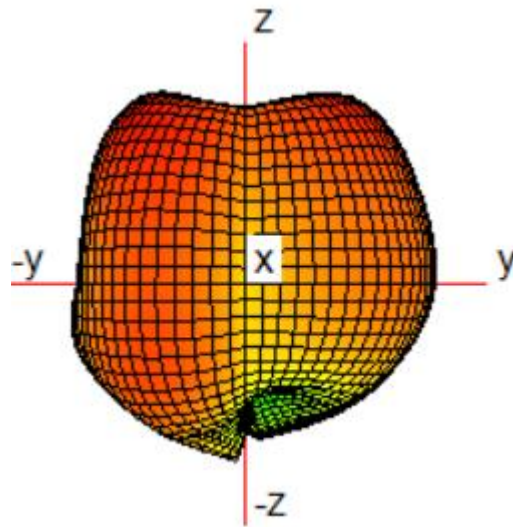


B39

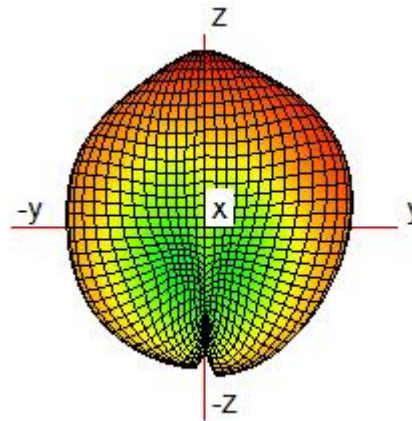


Antenna 10

WIFI 2.4G CH0



N78/N77/B42



N79

