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# Antenna Reports

Main Antenna vendor: SHen ZHen Deman Electronics Co.,Ltd.

Test lab:GTS Test RZ 2800

Antenna model name: Midframe

Issue date: 2023/5/16

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## Peak Gain

### ANT0

Antenna model name: FPC

Antenna type: Loop

BAND	Peak Gain(dBi)
GSM 850	-4.16
GSM 900	-4

BAND	Peak Gain(dBi)
WCDMA B5	-4.16

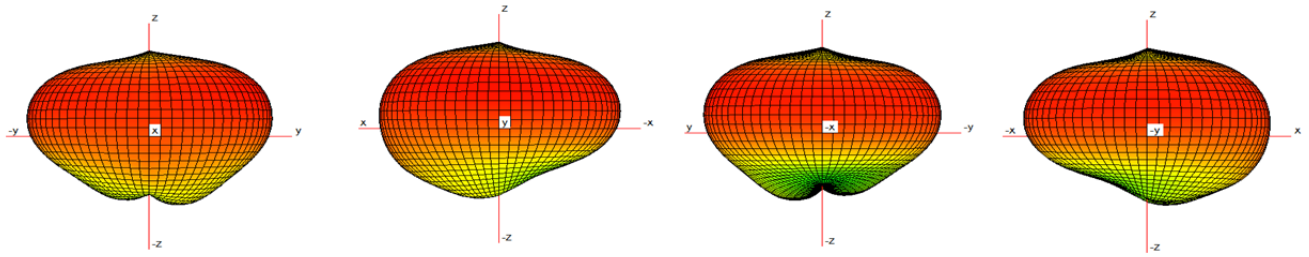
LTE BAND	Peak Gain(dBi)
LTE B5	-4.16
LTE B7	-6.6
LTE B12	-4.68
LTE B13	-4.77
LTE B28	-4.62
LTE B38	-4.59

Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document

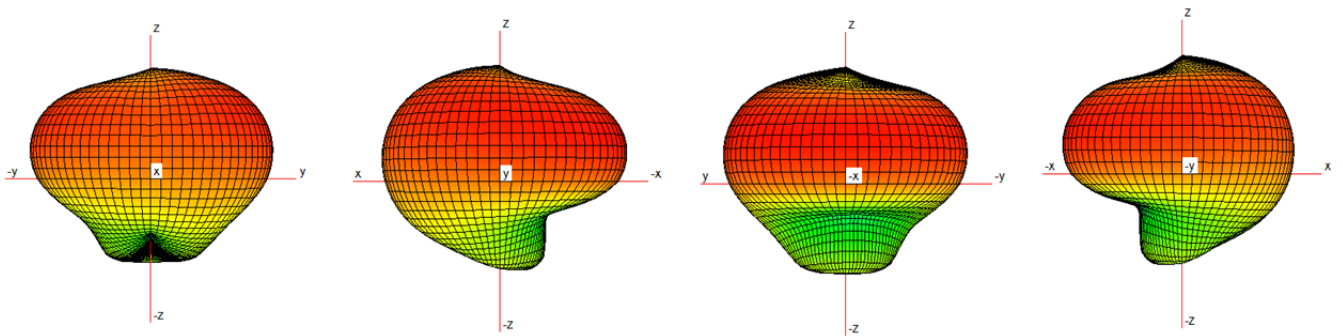
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( Right view – Rear view – Left view – Front view)

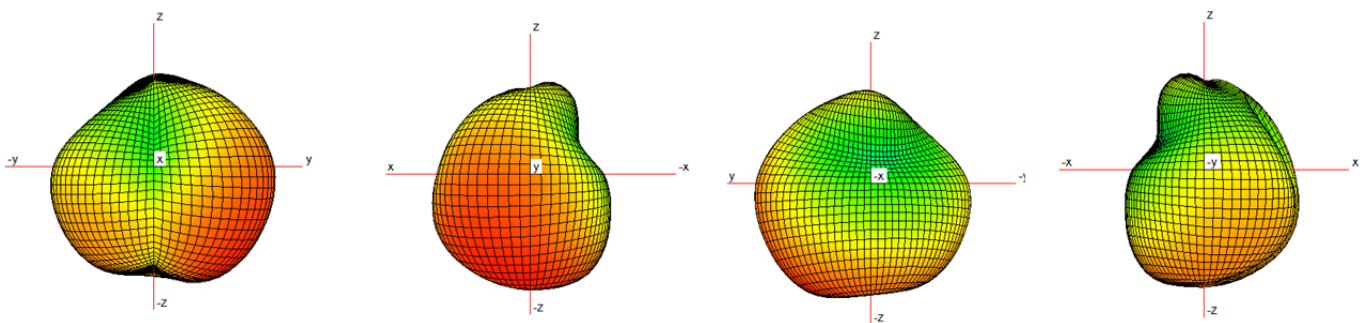
GSM850/WCDMA B5/LTE B5/



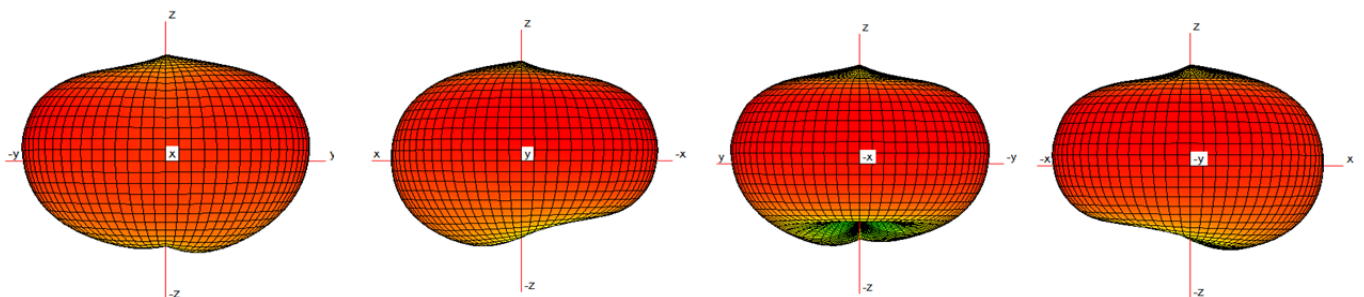
GSM900



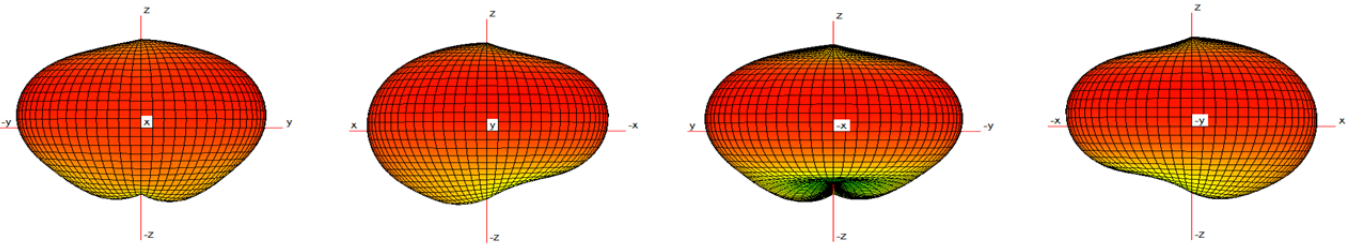
LTE B7



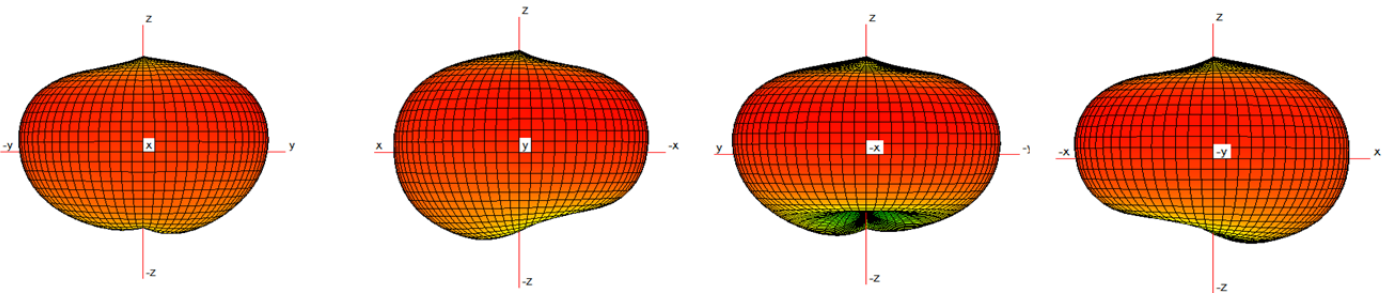
LTE B12



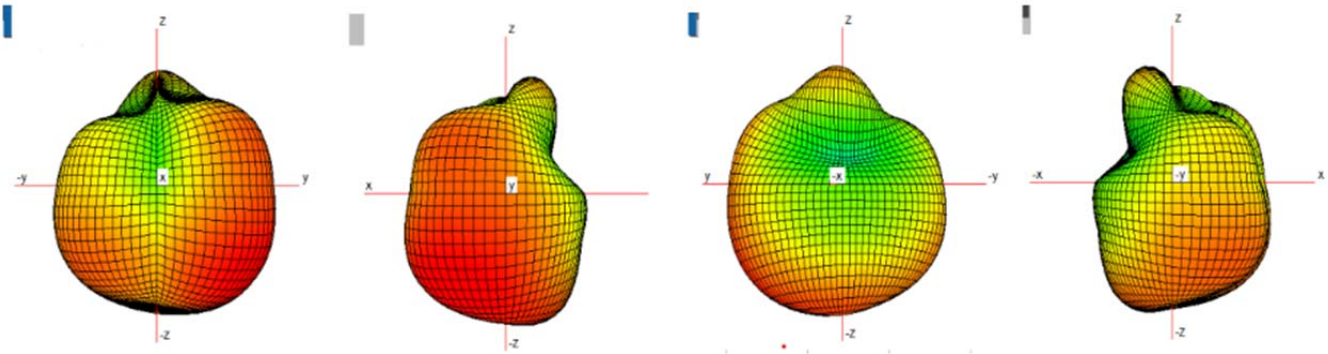
LTE B13



LTE B28



LTE B38



## ANT1

Antenna model name: FPC

Antenna type: IFA

BAND	Peak Gain(dBi)
GSM 1800	-3.82
GSM 1900	-0.53

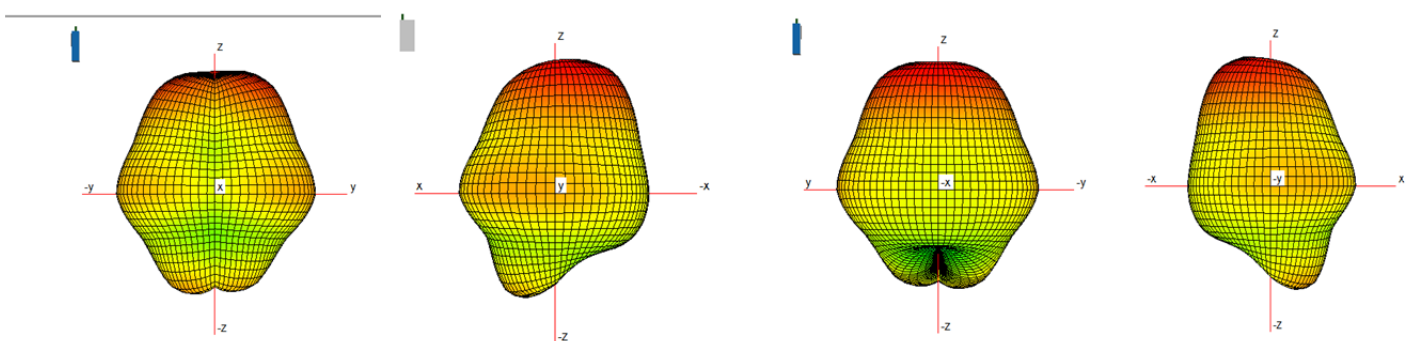
BAND	Peak Gain(dBi)
WCDMA B1	-1.1
WCDMA B2	-0.53
WCDMA B4	-3.80

LTE BAND	Peak Gain(dBi)
LTE B1	-1.1
LTE B2	-0.53
LTE B3	-3.82
LTE B4	-3.80
LTE B66	-3.80

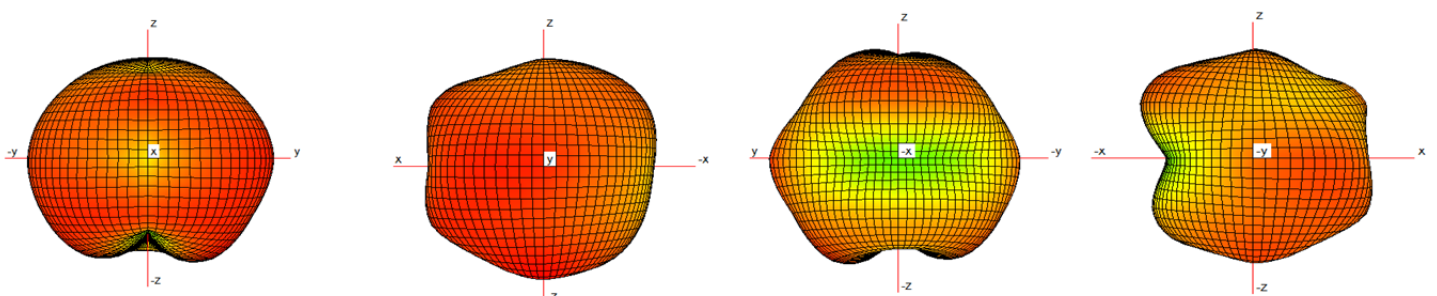
Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document

( Right view – Rear view – Left view – Front view)

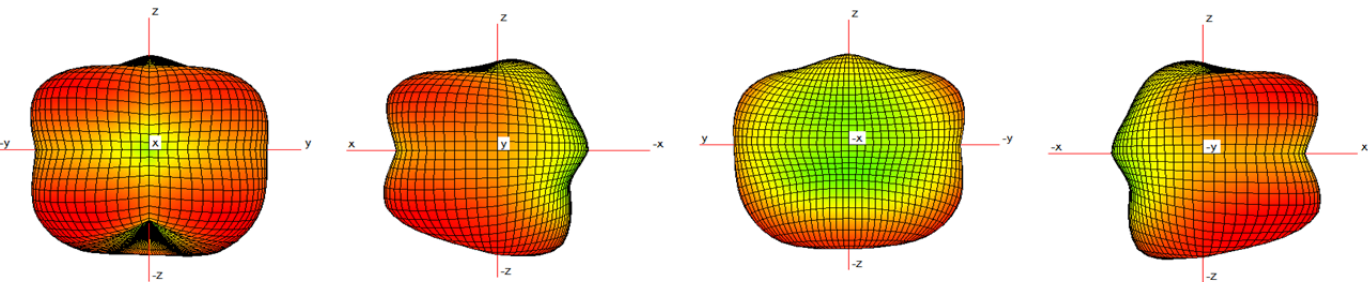
### LTE B1/WCDMA B1



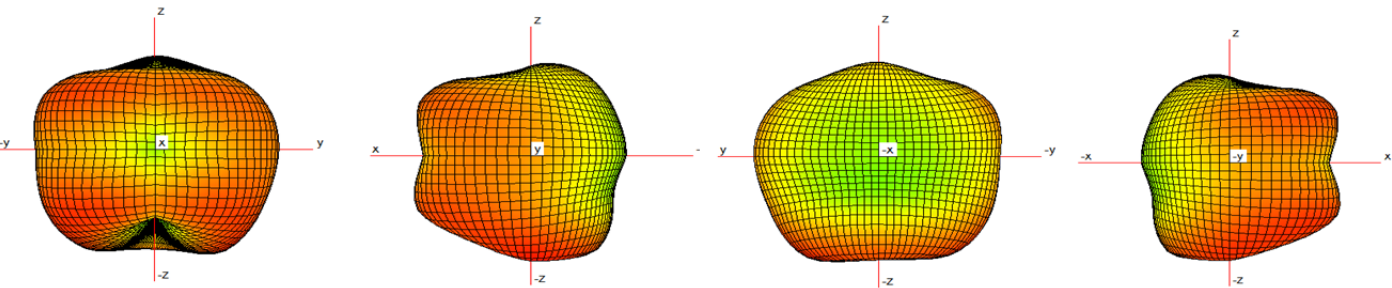
### GSM 1900/LTE B2/WCDMA B2



GSM 1800/LTE B3



LTE B4/LTE B66/WCDMA B4



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## ANT2

Antenna model name: FPC

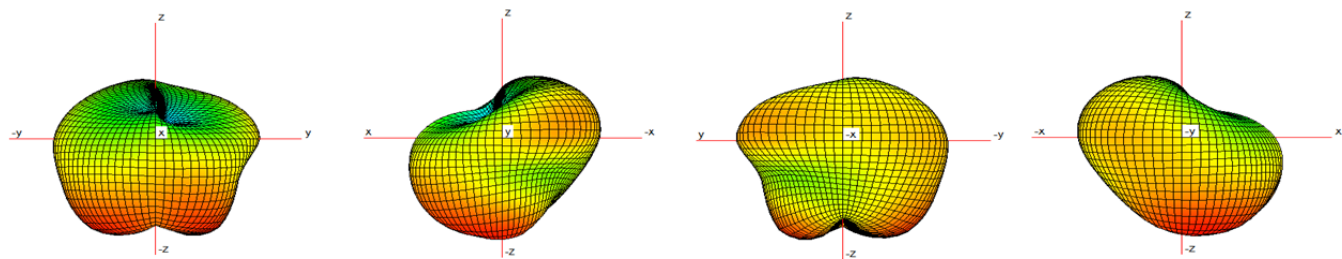
Antenna type: IFA

BT/WLAN Peak Gain (dBi)			
2400~2483.5MHz	0.48	5470~5725MHz	3.2
5150~5250MHz	0.59	5725~5850MHz	1.94
5250~5350MHz	3.25		

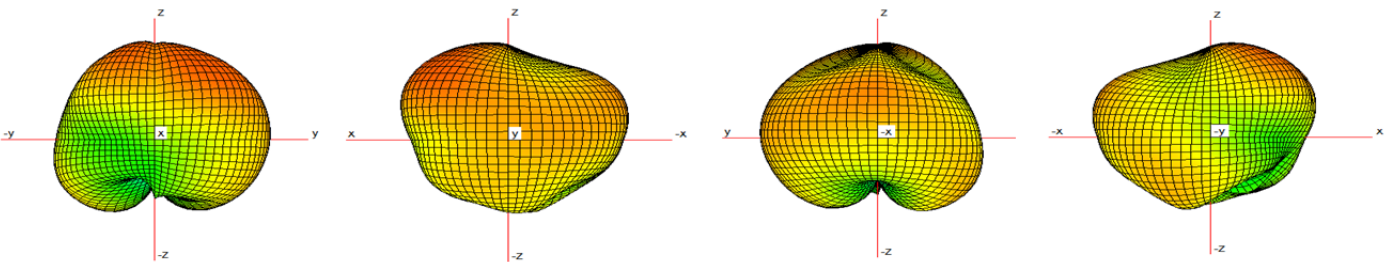
Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document

( Right view – Rear view – Left view – Front view)

WIFI 2.4G (2450 MHz)



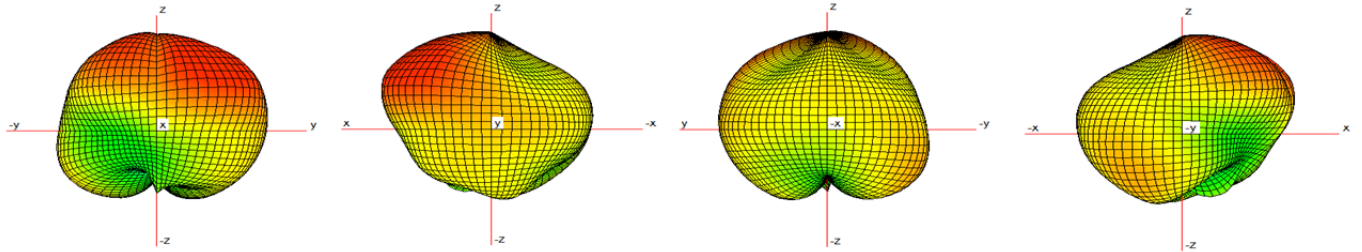
WIFI 5G ( 5200 MHz)



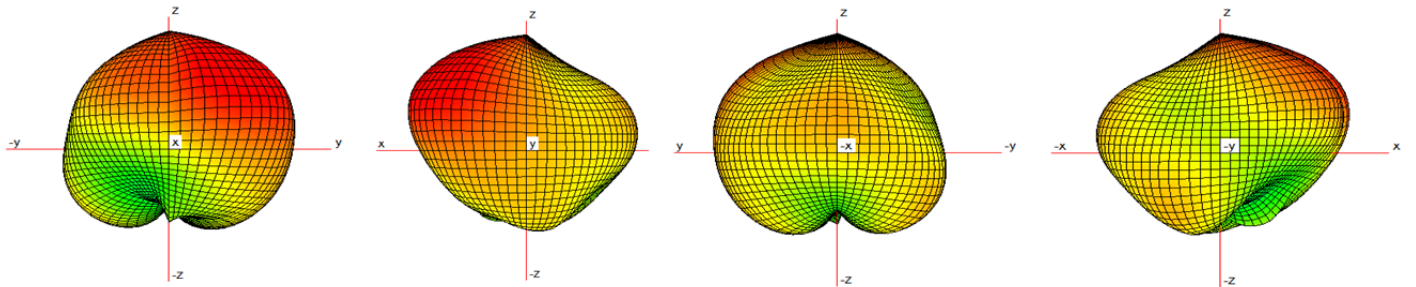


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WIFI 5G ( 5300 MHz)



WIFI 5G ( 5500 MHz)



WIFI 5G ( 5800 MHz)

