
Antenna Reports

Tundra ROW

Test lab: Motorola internal lab (GTS)

Issue date: 2022/6/16

Peak Gain

ANT0

Antenna model name: Metal frame with LDS

Antenna type: IFA

BAND	Peak Gain(dBi)
GSM 850	-4.5
GSM 900	-3.8
GSM 1800	-1.9
GSM 1900	-0.1

BAND	Peak Gain(dBi)
WCDMA B1	-0.7
WCDMA B2	-0.1
WCDMA B4	-1.9
WCDMA B5	-4.5
WCDMA B8	-3.8
WCDMA B19	-4.5

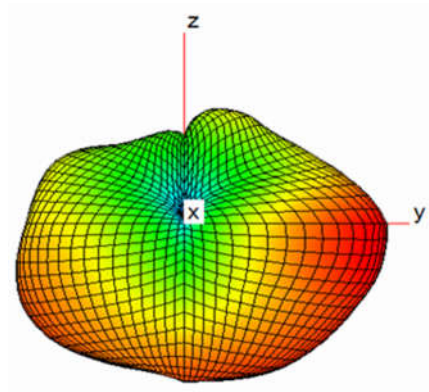
LTE BAND	Peak Gain(dBi)
LTE B1	-0.7
LTE B2	-0.1
LTE B3	-1.9
LTE B4	-1.9
LTE B5	-4.5
LTE B7	-2.3
LTE B8	-3.8
LTE B12	-3.4
LTE B13	-3.4
LTE B17	-3.4
LTE B18	-4.5
LTE B19	-4.5
LTE B20	-4.2
LTEB25	-0.1
LTE B26	-4.5
LTE B28	-3.4
LTE B38	-2.2
LTE B39	-0.5
LTE B40	-3.1
LTE B41	-2
LTE B66	-1.9

NR FR1 BAND	Peak Gain(dBi)
N1	-0.7
N3	-1.9
N7	-2.3
N8	-3.8
N20	-4.2
N28	-3.4

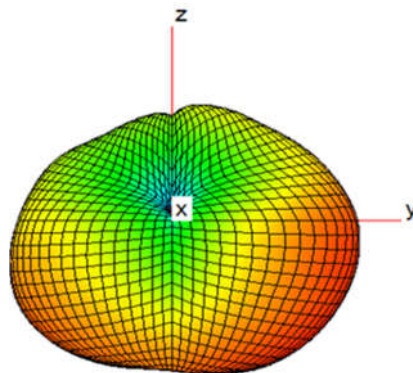
N38	-2.2
N40	-3.1
N41	-2
N66	-1.9

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

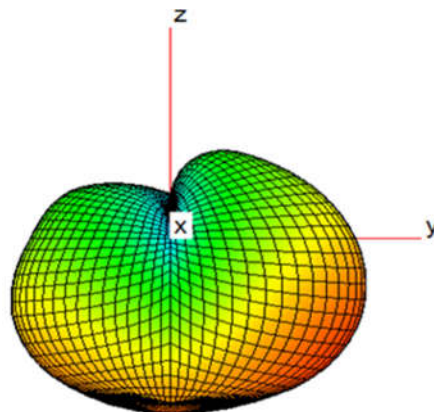
WCDMA B1/LTE B1/NR1



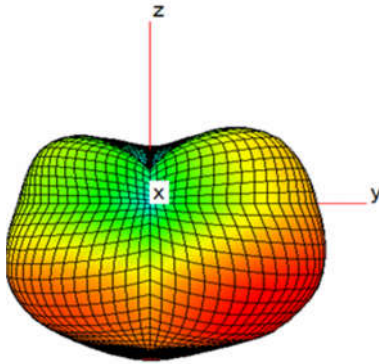
GSM1900/WCDMA B2/LTE B2/LTE B25/LTE B39



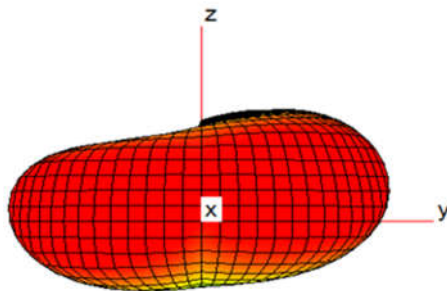
GSM1800/LTE B3/NR N3



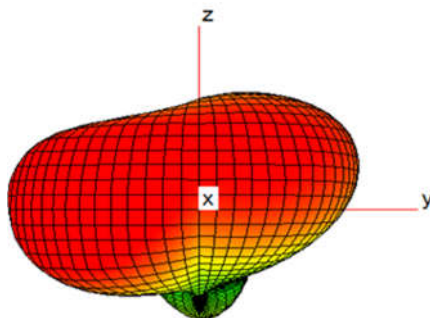
WCDMA B4/LTE B4/LTE B66/NR N66



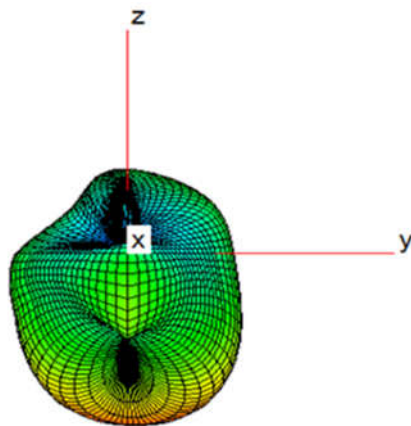
GSM850/WCDMA B5/LTE B5/LTE B26



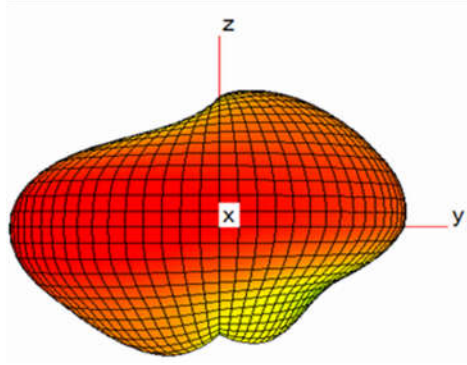
GSM900/WCDMA B8/LTE B8/NR N8



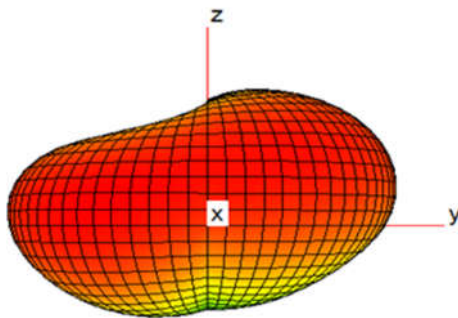
LTE B7/NR N7



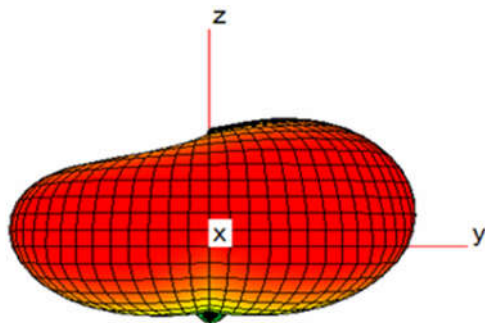
LTE B12/ LTE B17



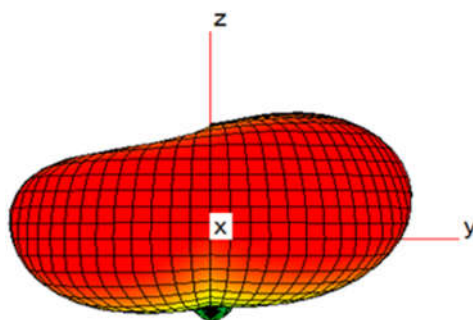
LTE B13



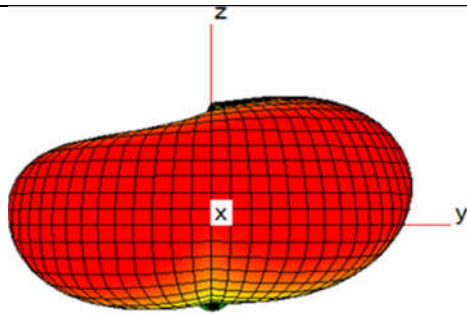
LTE B18



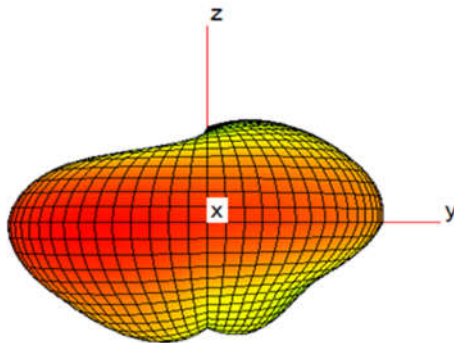
WCDMA B19/LTE B19



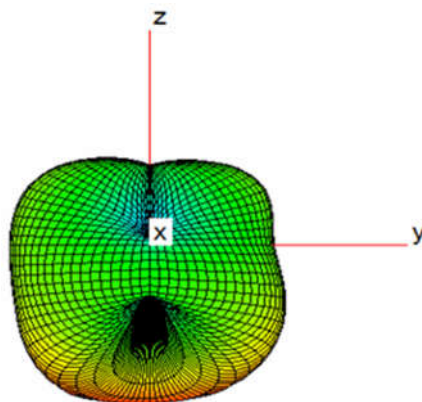
LTE B20



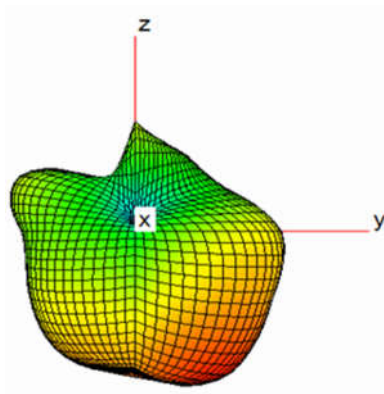
LTE B28



LTE B38/ LTE B41/NR N38/N41



LTE B40/NR N40



ANT1

Antenna model name: Metal frame with LDS

Antenna type: IFA

BAND	Peak Gain(dBi)
GSM 900	-4.2

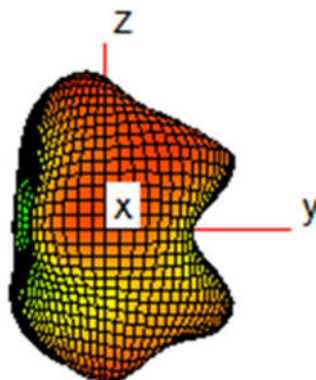
BAND	Peak Gain(dBi)
WCDMA B8	-4.2

LTE BAND	Peak Gain(dBi)
LTE B3	-1.9
LTE B5	-5.3
LTE B7	-2.4
LTE B8	-4.2
LTE B20	-5.5
LTE B28	-4.3

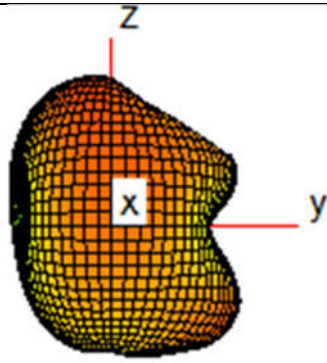
NR FR1 BAND	Peak Gain(dBi)
N1	-1.9
N3	-1.9
N5	-5.3
N7	-2.4
N8	-4.2
N20	-5.5
N28	-4.3
N38	-2.4
N40	-2.9
N41	-2.4
N66	-1.9

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

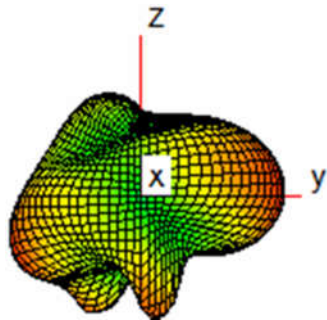
NR N1



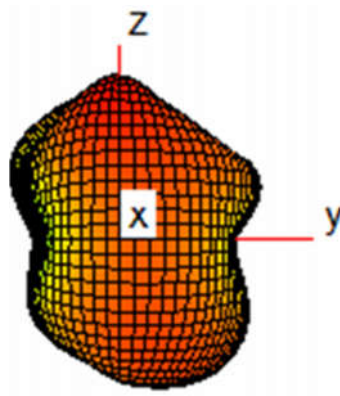
LTE B3/NR N3



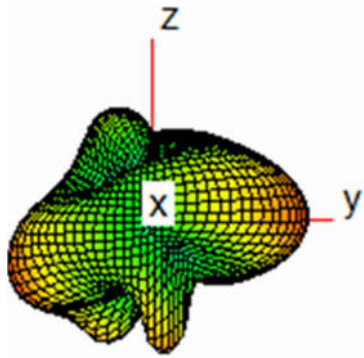
LTE B5/NR N5



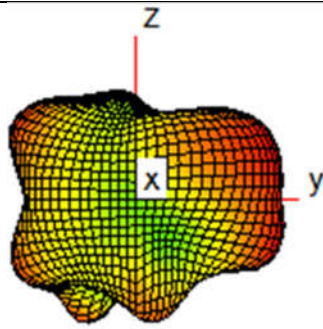
LTE B7/NR N7



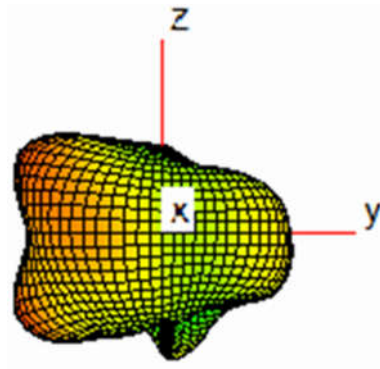
GSM900/WCDMA B8/LTE B8/NR N8



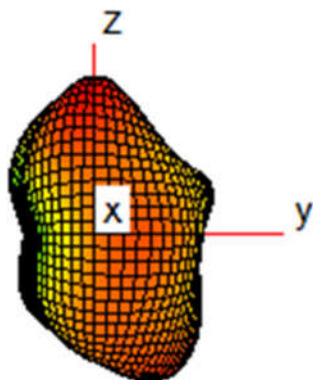
LTE B20/NR N20



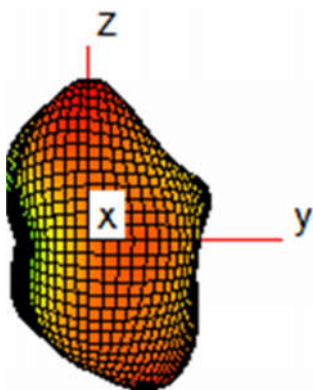
LTE B28/NR N28



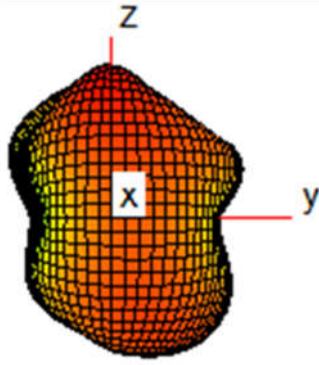
NR N38



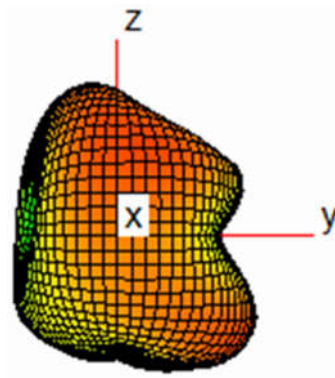
NR N40



NR N41



NR N66



ANT2

Antenna model name: Metal frame with LDS

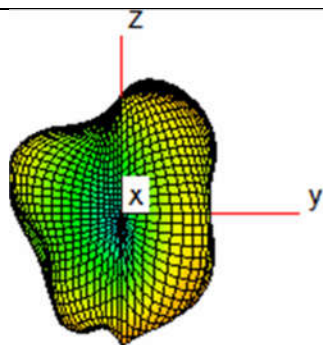
Antenna type: IFA

LTE BAND	Peak Gain(dBi)
LTE B42	-3.4
LTE B43	-3.4

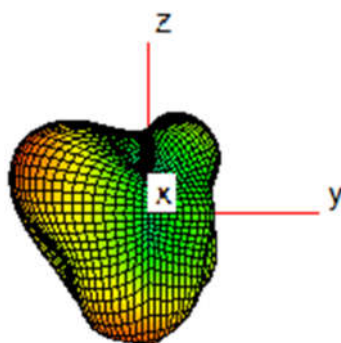
NR FR1 BAND	Peak Gain(dBi)
N77	-3.4
N78	-3.4

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

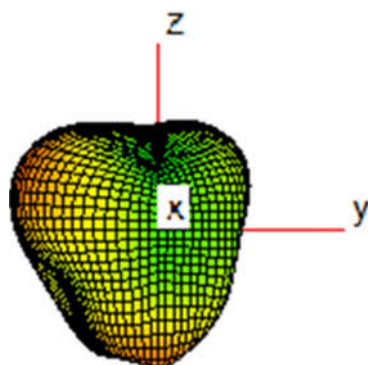
LTE B42



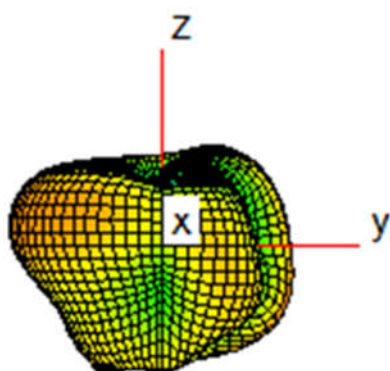
LTE B43



NR N77



NR N78



ANT3

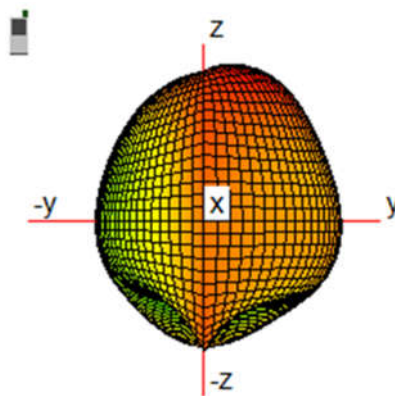
Antenna model name: Metal frame

Antenna type: IFA

BT/WLAN 2.4G ANT1	Peak Gain(dBi)
2400~2483.5MHz	-6.1

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

WIFI 2.4G Chain1



ANT4

Antenna model name: Metal frame with LDS

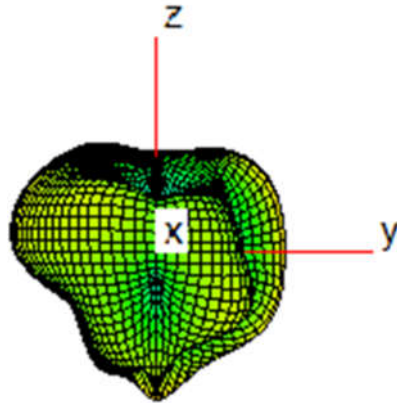
Antenna type: IFA

NR FR1 BAND	Peak Gain(dBi)
N78 (ASDiv swap mode)	-4.5

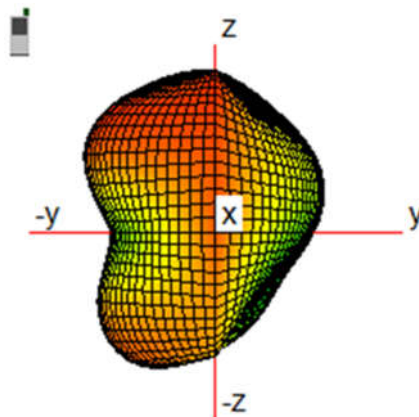
WLAN 5G/6e ANT1	Peak Gain(dBi)
5150~5250MHz	-2.5
5250~5350MHz	-2.4
5470~5725MHz	-3.6
5725~5850MHz	-5.8
UNII-5	-6
UNII-6	-6.2
UNII-7	-6.1

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

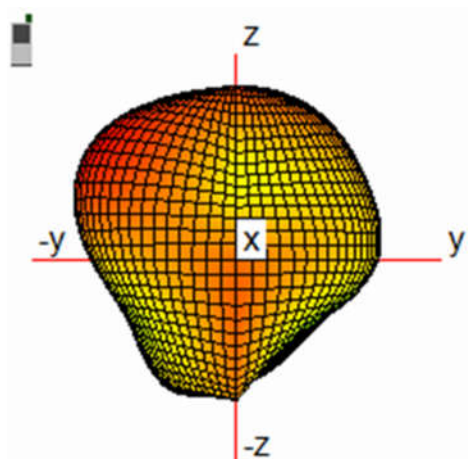
N78



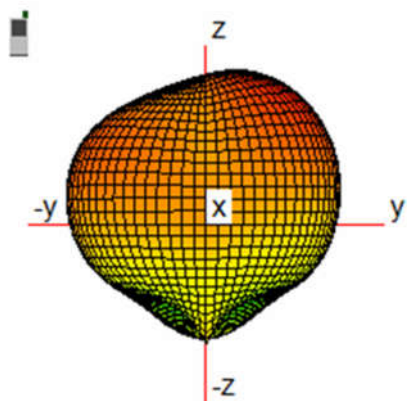
WIFI 5G Chain1(5150MHz)



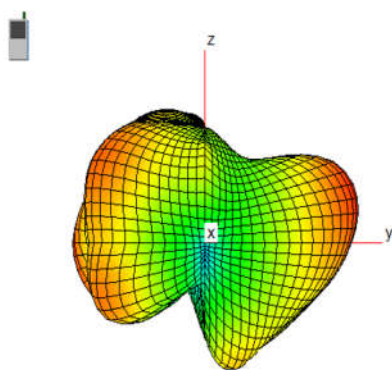
WIFI 5G Chain1(5300MHz)



WIFI 5G Chain1(5800MHz)



WIFI 6E Chain1(6200MHz)



ANT5

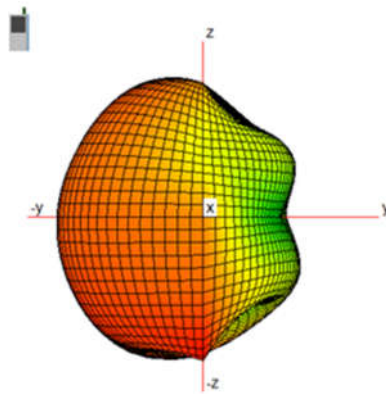
Antenna model name: Metal frame

Antenna type: IFA

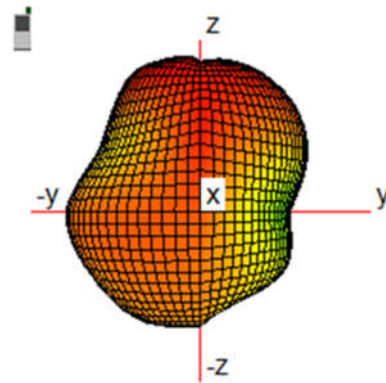
WLAN 2.4G/5G/6e ANT0	Peak Gain(dBi)
2400~2483.5MHz	-3.4
5150~5250MHz	-5.1
5250~5350MHz	-4.5
5470~5725MHz	-4.9
5725~5850MHz	-7.3
UNII-5	-5.5
UNII-6	-5.2
UNII-7	-5
UNII-8	-6

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

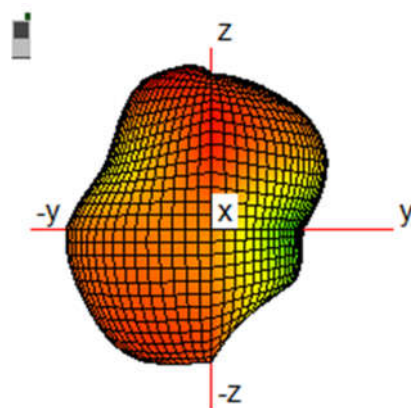
WIFI 2.4G Chain0



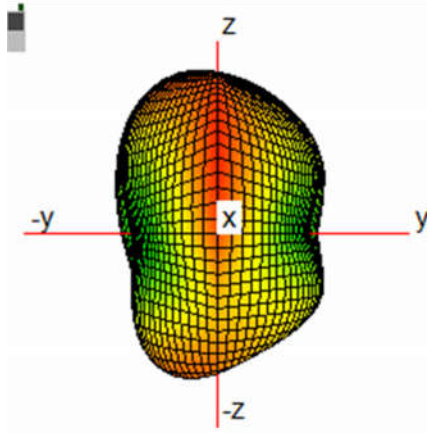
WIFI 5G Chain0(5150MHz)



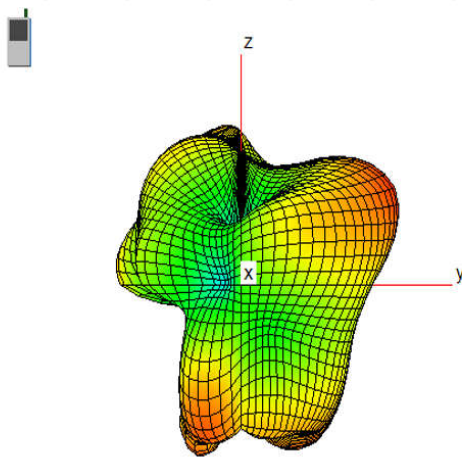
WIFI 5G Chain0(5300MHz)



WIFI 5G Chain0(5800MHz)



WIFI 6E Chain0(6200MHz)



ANT6

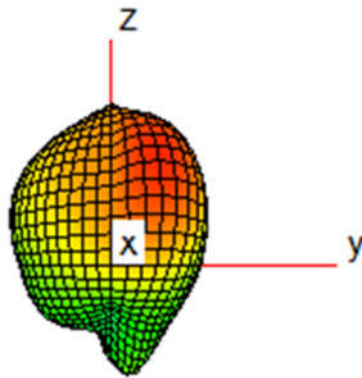
Antenna model name: Metal frame

Antenna type: IFA

NR FR1 BAND	Peak Gain(dBi)
N78 (ASDiv swap mode)	-4.7

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

NR N78



ANT7

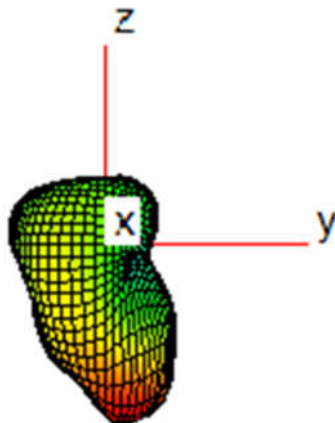
Antenna model name: Metal frame

Antenna type: IFA

NR FR1 BAND	Peak Gain(dBi)
N78 (ASDiv swap mode)	-4.2

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

NR N78



ANT8

Antenna model name: Metal frame

Antenna type: loop

NR FR1 BAND	Peak Gain(dBi)
N28 (L+L ENDC)	-6.7

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

NR N28

