

HONOR

Antenna information

1、Basic information

ant type	Model number of the antenna	ant position	band	Type of connection with transmitter	frequency range	peak gain
CRLH		ANT6	BT	antenna shrapnel	2400-2483.5MHz	-1.1
IFA		ANT8	BT	antenna shrapnel	2400-2483.5MHz	-1.6
CRLH		ANT6	wifi 2.4G	antenna shrapnel	2400-2483.5MHz	-1.1
IFA		ANT8	wifi 2.4G	antenna shrapnel	2400-2483.5MHz	-1.6
Slot C+IFA		ANT6	Wifi 5G	antenna shrapnel	5200-5800MHz	-1
Slot C+IFA		ANT7	Wifi 5G	antenna shrapnel	5200-5800MHz	0

Name of the antenna manufacturer: Honor Device Co., Ltd

Address of the antenna manufacturer: Shum Yip Sky Park, No. 8089, Hongli West Road Shenzhen, China

2、Antenna position and dimention

Please refer to the "The Photos of SAR test - I22Z62197_SEM01" file.

3、Antenna gain

ANT6-2.4GWIFI

frequency(GHz)	Gain(dBi)
2400	-1.57
2420	-1.10
2440	-1.17
2460	-1.20
2480	-1.11
2500	-1.21

ANT6-BT

frequency(GHz)	Gain(dBi)
2400	-1.57
2420	-1.10
2440	-1.17
2460	-1.20
2480	-1.11
2500	-1.21

ANT6-5G WIFI

frequency(GHz)	Gain(dBi)
5200	-2.72
5220	-2.58
5240	-2.36
5260	-2.26
5280	-2.06
5300	-1.98
5320	-1.88

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5340	-1.69
5360	-1.51
5380	-1.46
5400	-1.40
5420	-1.42
5440	-1.44
5460	-1.48
5480	-1.51
5500	-1.61
5520	-1.74
5540	-1.88
5560	-1.96
5580	-1.91
5600	-1.77
5620	-1.69
5640	-1.62
5660	-1.37
5680	-1.26
5700	-1.18
5720	-1.00
5740	-1.00
5760	-1.11
5780	-1.21
5800	-1.38

ANT8-2.4GWIFI

frequency(GHz)	Gain(dBi)
2400	-1.92
2420	-1.67
2440	-1.60
2460	-1.79
2480	-1.78
2500	-1.62

ANT8-BT

frequency(GHz)	Gain(dBi)
2400	-1.92
2420	-1.67
2440	-1.60
2460	-1.79
2480	-1.78
2500	-1.62

ANT7-5G WIFI

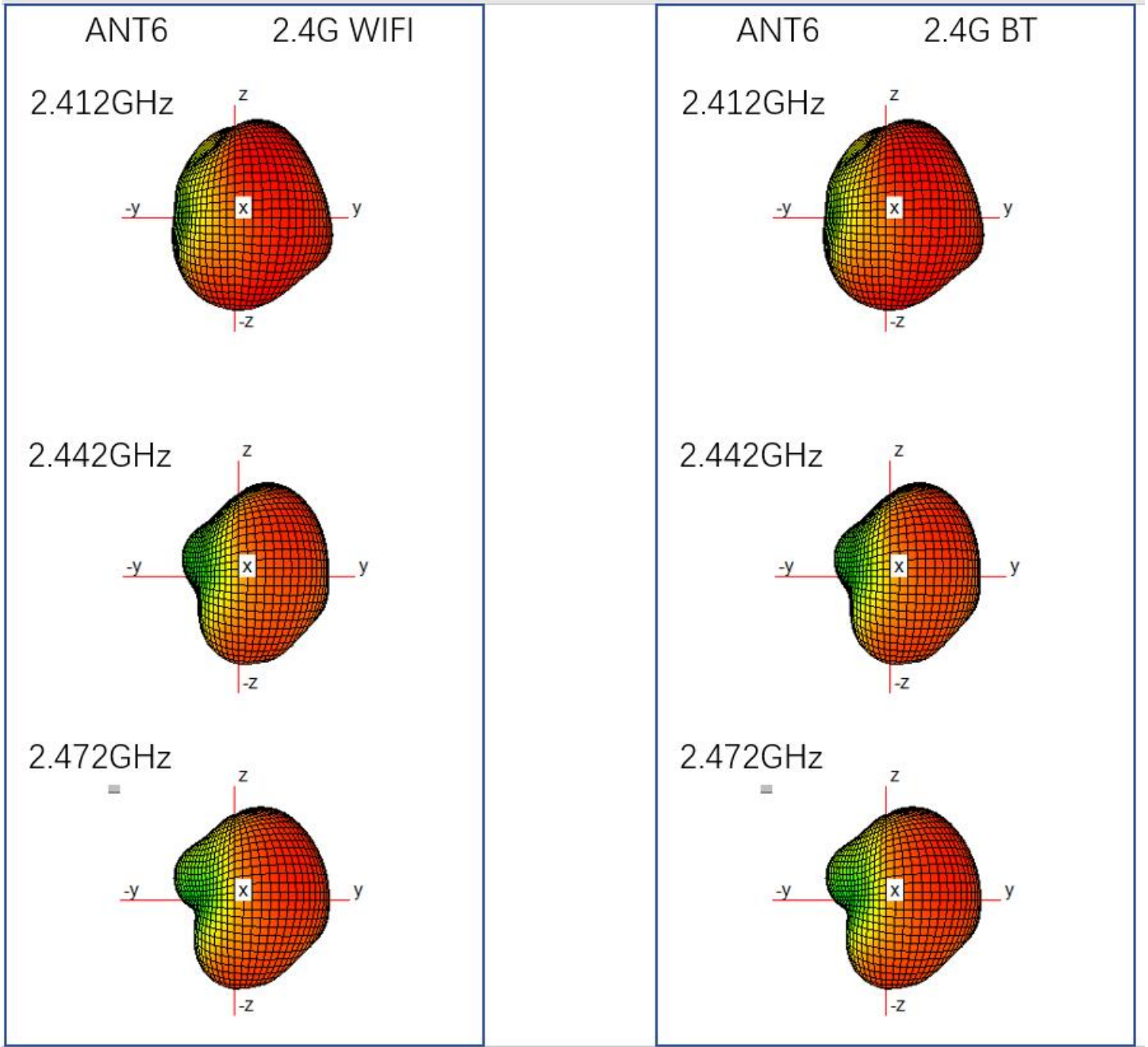
frequency(GHz)	Gain(dBi)
5200	0.00
5220	-0.21
5240	-0.19
5260	-0.25
5280	-0.24
5300	-0.27
5320	-0.42

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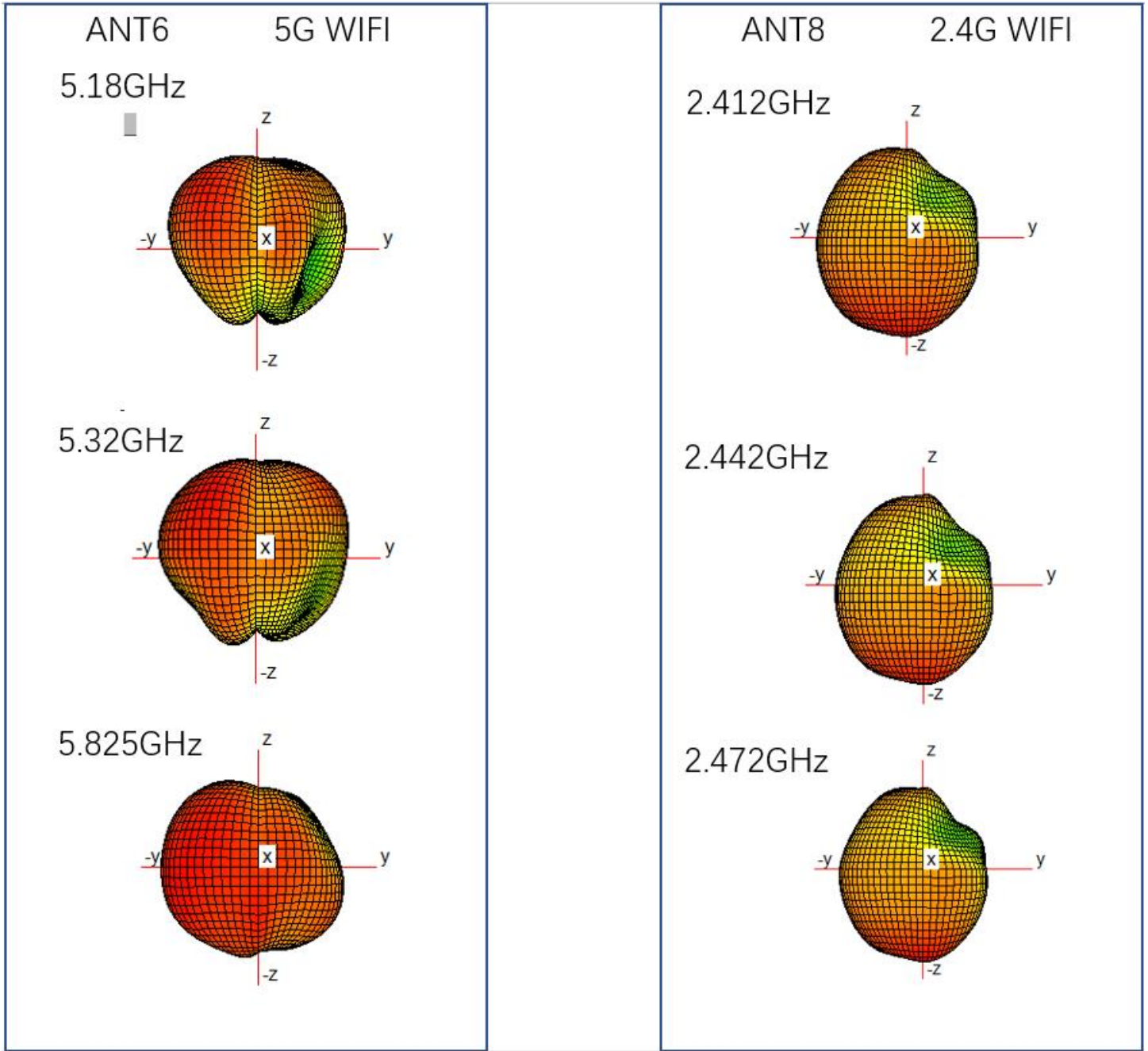
5340	-0.50
5360	-0.54
5380	-0.66
5400	-0.65
5420	-0.62
5440	-0.59
5460	-0.65
5480	-0.88
5500	-1.03
5520	-1.02
5540	-1.00
5560	-0.81
5580	-1.02
5600	-1.09
5620	-1.04
5640	-0.94
5660	-0.82
5680	-0.50
5700	-0.47
5720	-0.52
5740	-0.56
5760	-0.58
5780	-0.62
5800	-0.78

4、3D map

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