

# HONOR

## Antenna information

### 1、Basic information(FCCID: 2AYGCRBN-NX3)

| ant type | Model number of the antenna | ant position | band      | Type of connection with transmitter | frequency range | peak gain |
|----------|-----------------------------|--------------|-----------|-------------------------------------|-----------------|-----------|
| IFA      | IFA for RBN-NX3             | ANT7         | BT        | antenna shrapnel                    | 2400-2483.5MHz  | -2        |
| IFA      | IFA for RBN-NX3             | ANT7         | wifi 2.4G | antenna shrapnel                    | 2400-2483.5MHz  | -2        |
| IFA      | IFA for RBN-NX3             | ANT8         | wifi 5G   | antenna shrapnel                    | 5200-5800MHz    | -1        |

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、Refer to the test setup photos for antenna position and dimention

### 3、Antenna gain

| ANT7-2.4GWIFI   |            |
|-----------------|------------|
| frequency (GHz) | Gain (dBi) |
| 2400            | -2         |
| 2420            | -2.18      |
| 2440            | -2.2       |
| 2460            | -2.35      |
| 2480            | -2.3       |
| 2500            | -2.45      |

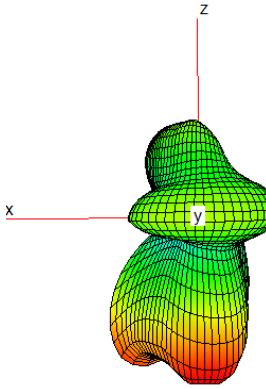
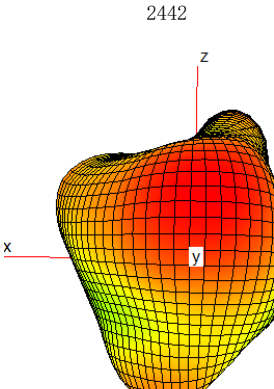
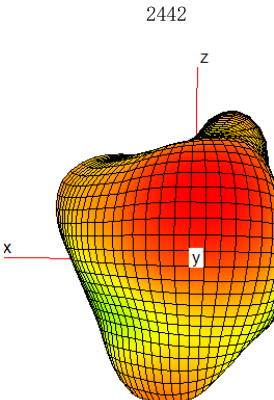
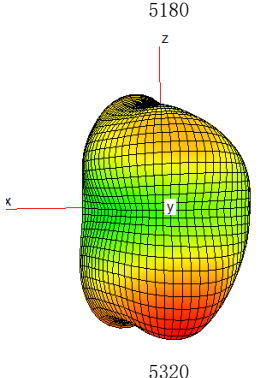
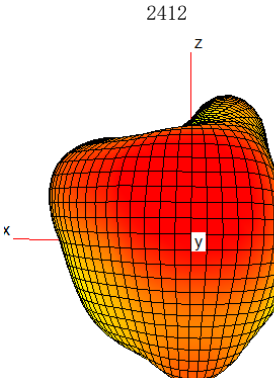
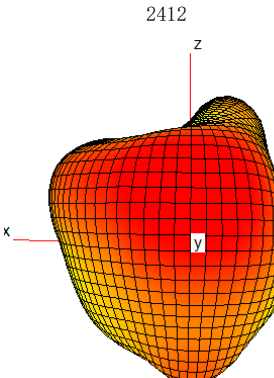
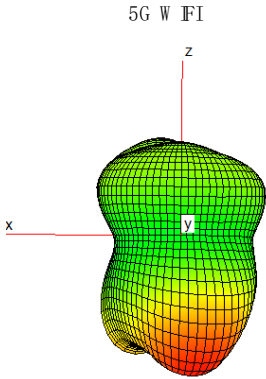
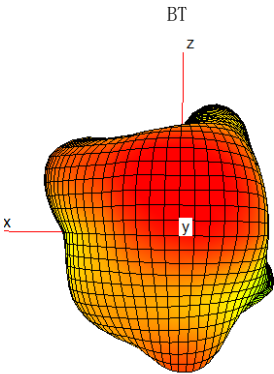
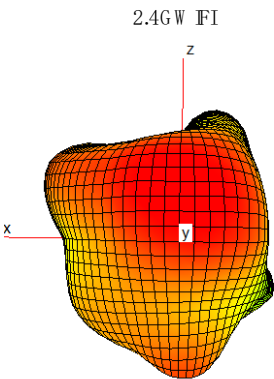
| ANT7-BT         |            |
|-----------------|------------|
| frequency (GHz) | Gain (dBi) |
| 2400            | -2         |
| 2420            | -2.18      |
| 2440            | -2.2       |
| 2460            | -2.35      |
| 2480            | -2.3       |
| 2500            | -2.45      |

| ANT8-5G WIFI    |            |
|-----------------|------------|
| frequency (GHz) | Gain (dBi) |
| 5200            | -1.15      |
| 5220            | -1.02      |
| 5240            | -1.1       |
| 5260            | -1.18      |
| 5280            | -1.21      |
| 5300            | -1         |
| 5320            | -1.25      |
| 5340            | -1.3       |
| 5360            | -1.34      |
| 5380            | -1.26      |
| 5400            | -1.21      |
| 5420            | -1.14      |
| 5440            | -1.2       |

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|      |       |
|------|-------|
| 5460 | -1.2  |
| 5480 | -1.2  |
| 5500 | -1.06 |
| 5520 | -1.05 |
| 5540 | -1.12 |
| 5560 | -1.12 |
| 5580 | -1.37 |
| 5600 | -1.32 |
| 5620 | -1.37 |
| 5640 | -1.3  |
| 5660 | -1.28 |
| 5680 | -1.19 |
| 5700 | -1.2  |
| 5720 | -1.13 |
| 5740 | -1.1  |
| 5760 | -1.1  |
| 5780 | -1.06 |
| 5800 | -1.03 |

## 4、3D map



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