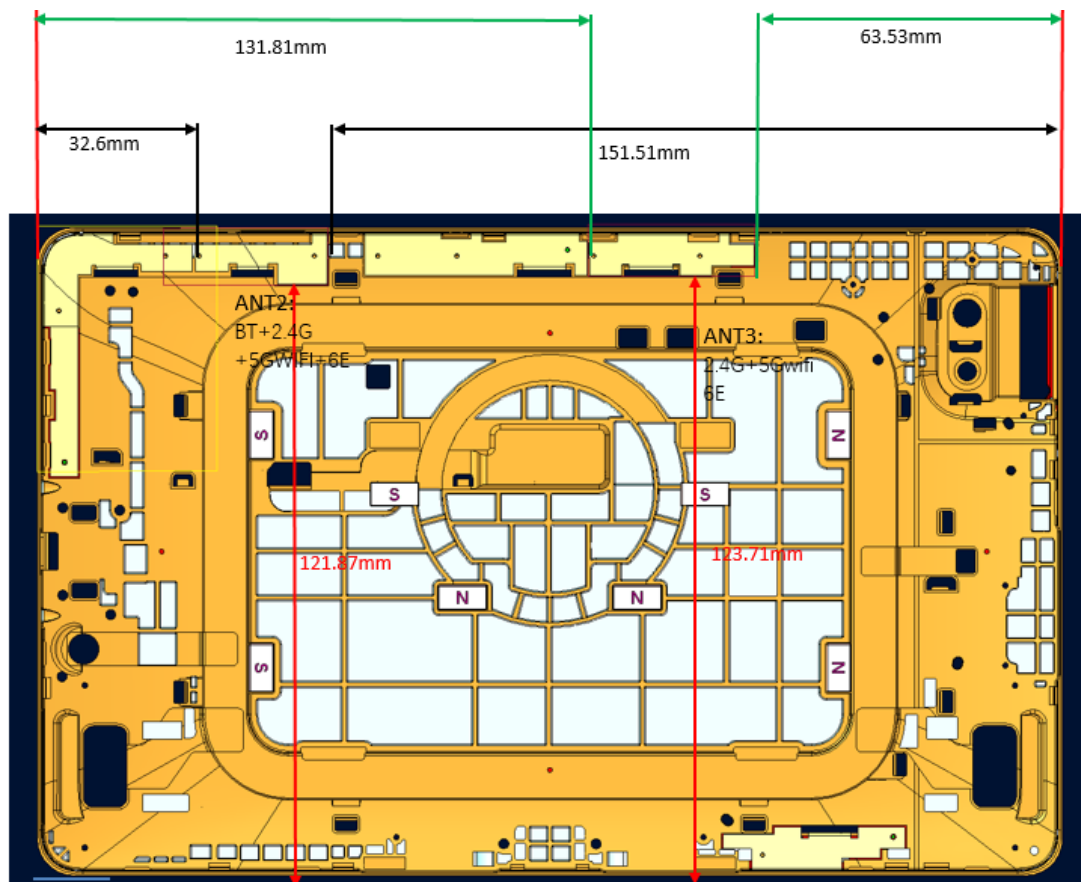
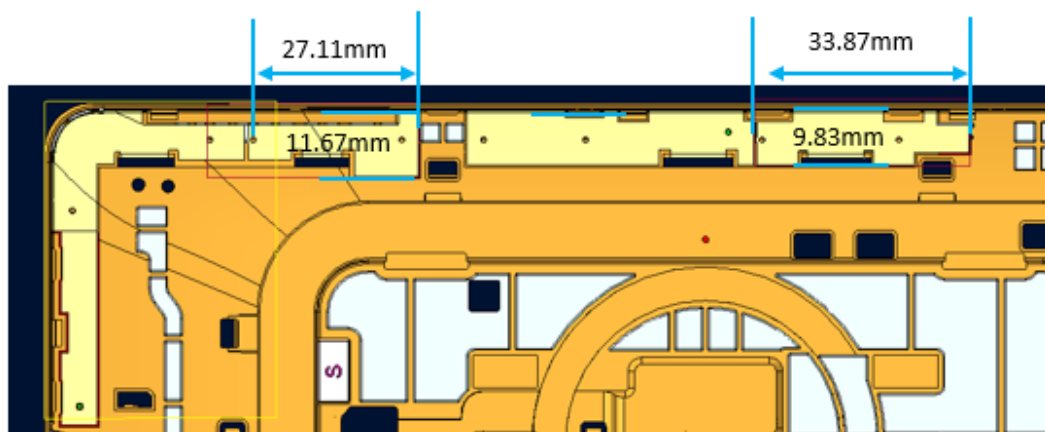


## SM07- WiFi Antenna Report

### 1. Antenna Location



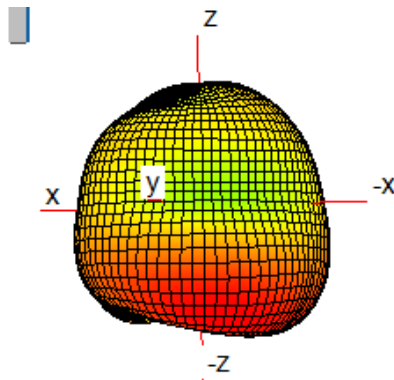
### 2. Antenna Pattern



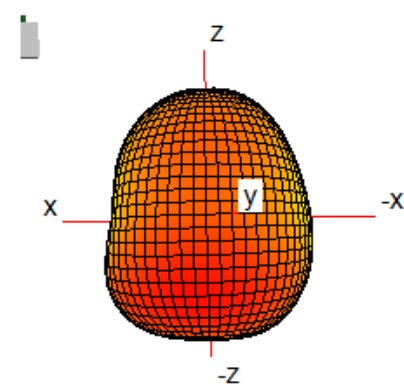
|       |                    |                |          |
|-------|--------------------|----------------|----------|
| ANT 3 | Antenna Gain (dBi) | 2.4~2.4835GHz  | 2.01dB   |
|       |                    | 5.15~5.25GHz   | 1.89dB   |
|       |                    | 5.25~5.35GHz   | 1.87dB   |
|       |                    | 5.47~5.725GHz  | 3.9dB    |
|       |                    | 5.725~5.85GHz  | 3.55dB   |
|       |                    | 5.85~5.895GHz  | -9.64dB  |
|       |                    | 5.925~6.425GHz | -8.74dB  |
|       |                    | 6.425~6.525GHz | -10.02dB |
|       |                    | 6.525~6.875GHz | -7.79dB  |
|       |                    | 6.875~7.125GHz | -7.79dB  |
| ANT 2 | Antenna Gain (dBi) | 2.4~2.4835GHz  | -1.19dB  |
|       |                    | 5.15~5.25GHz   | -8.54dB  |
|       |                    | 5.25~5.35GHz   | -8.54dB  |
|       |                    | 5.47~5.725GHz  | -7.16dB  |
|       |                    | 5.725~5.85GHz  | -7.65dB  |
|       |                    | 5.85~5.895GHz  | -8.44dB  |
|       |                    | 5.925~6.425GHz | -8.72dB  |
|       |                    | 6.425~6.525GHz | -9.5dB   |
|       |                    | 6.525~6.875GHz | -8.41dB  |
|       |                    | 6.875~7.125GHz | -8.44dB  |

### 3. Antenna Pattern Plot

ANT2



ANT3



### 4. Antenna Information

| Antenna type | Antenna model  | Specifications         | Manufacturer                                         | Address                                                                                                      |
|--------------|----------------|------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| FPC          | WiFi2.4/5G     | SM07 ANT2--2.4/5G WIFI | Shenzhen Weirchuan Communication Technology Co., Ltd | 1st Floor, No. 8 Tongfu Village Industrial Zone, Xinshi Community, Dalang Street, Longhua District, Shenzhen |
| FPC          | GPS WiFi6E FPC | SM07 ANT3--GPS/WIFI    | Shenzhen Weirchuan Communication Technology Co., Ltd | 1st Floor, No. 8 Tongfu Village Industrial Zone, Xinshi Community, Dalang Street, Longhua District, Shenzhen |