

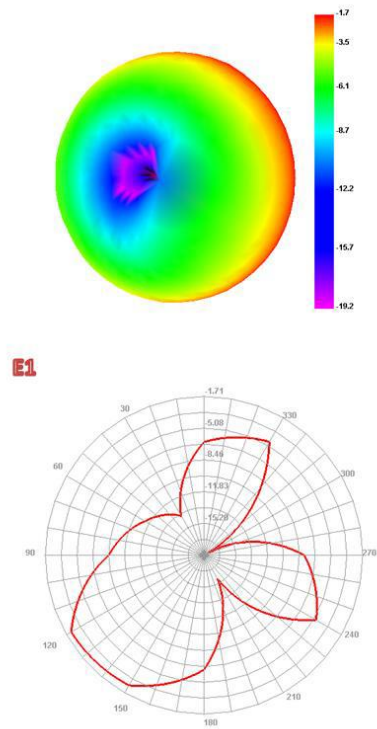
Antenna manufacturer: Shenzhen Huaxinwei Communication Technology Co., Ltd.  
Address: Building 203, Building 5, C, Chuangwei Innovation Valley, Tangtou 1 Road, Tangtou Community, Shiyan Street, Bao'an District, Shenzhen, China

## 1. Technical Information and Gerenal Information

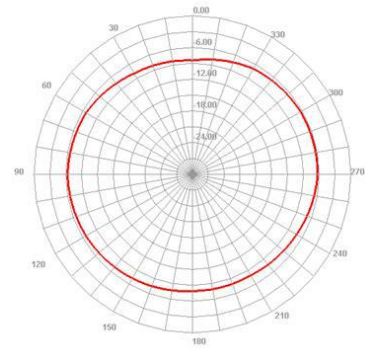
| Antenna Specifications                 |                                                                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Customer                               | Siragon Corporate                                                                                                                            |
| Part number                            | S0610-O                                                                                                                                      |
| Antenna type                           | PIFA                                                                                                                                         |
| GSM Antenna gain                       | GSM850: -1.71dBi<br>GSM900: -1.53dBi<br>DCS1800: +1.59dBi<br>PCS1900: +1.58dBi                                                               |
| WCDMA Antenna gain                     | WCDMA Band 2: +1.58dBi<br>WCDMA Band 4: +1.59dBi<br>WCDMA Band 5: -1.71dBi<br>WCDMA Band 8: -1.53dBi                                         |
| FDD/TDD frequency band<br>Antenna gain | LTE band 2: +1.58dBi<br>LTE band 3: +1.59dBi<br>LTE band 4: +1.59dBi<br>LTE band 5: -1.71dBi<br>LTE band 7: +1.44dBi<br>LTE band 8: -1.53dBi |
| 2.4G-WIFI Antenna gain                 | +1.04dBi                                                                                                                                     |
| 5G-WIFI Antenna gain                   | +1.54dBi                                                                                                                                     |
| BT Antenna gain                        | +1.04dBi                                                                                                                                     |
| GPS Antenna gain                       | +1.03dBi                                                                                                                                     |

## 2. Radiation Pattern

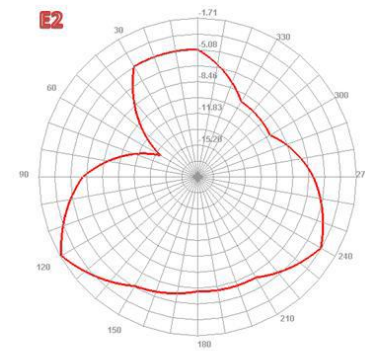
## GSM 850



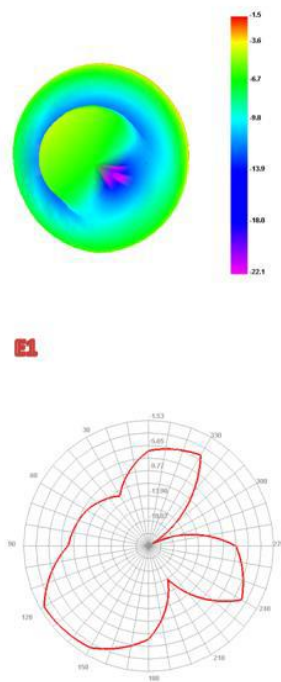
**H**



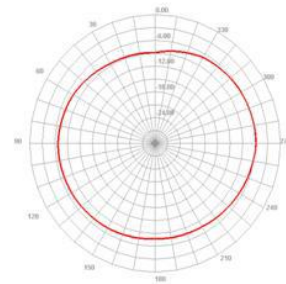
**E2**



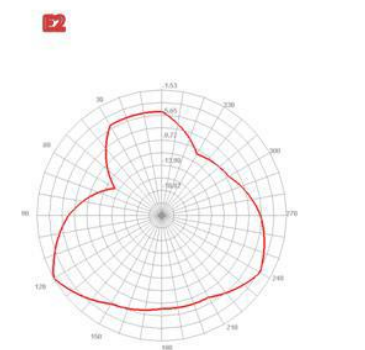
## GSM 900



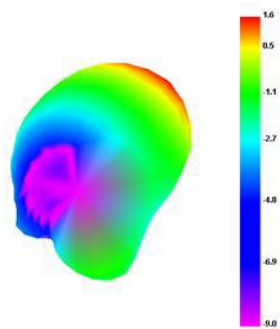
**H**



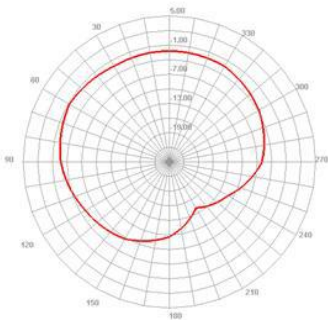
**E2**



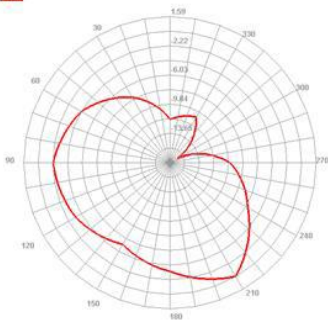
DCS1800



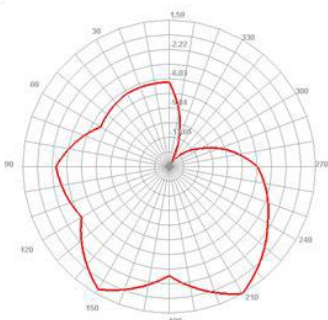
H



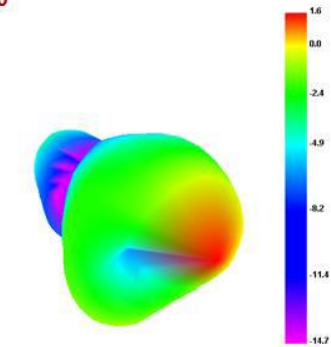
E1



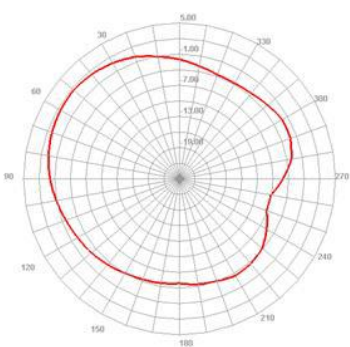
E2



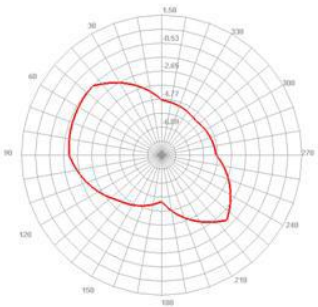
PCS1900



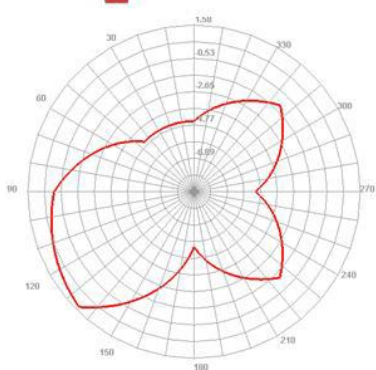
H



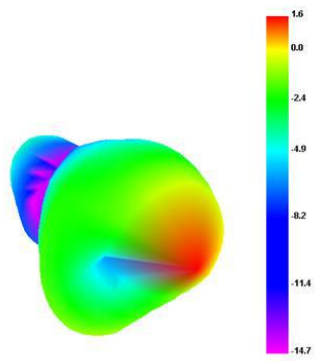
E1



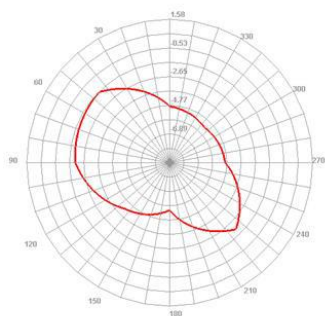
E2



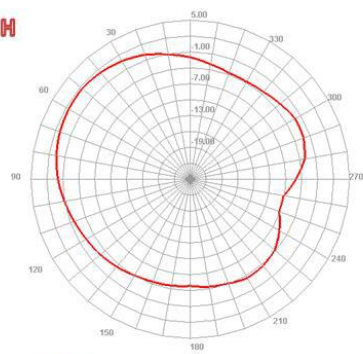
W1900



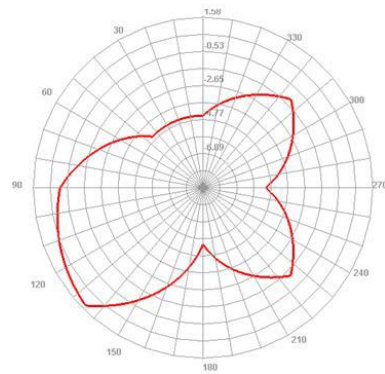
E1



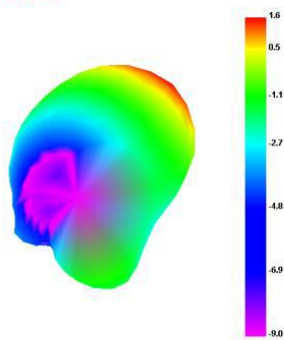
H



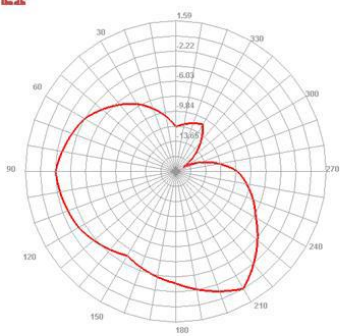
E2



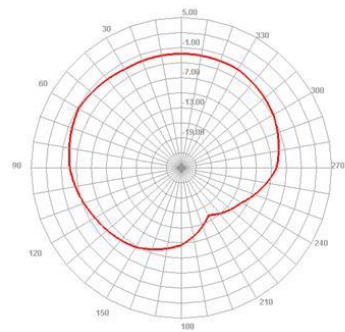
WCDMA-1700



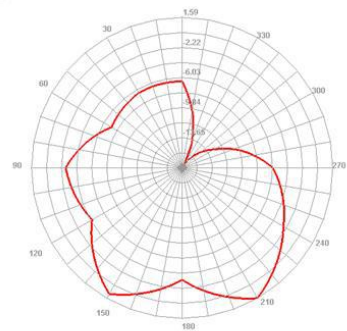
E1



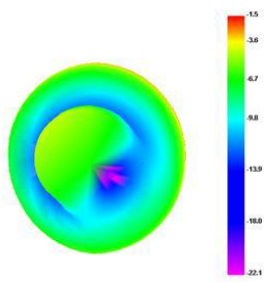
H



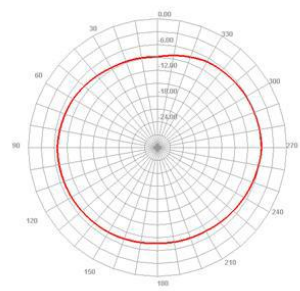
E2



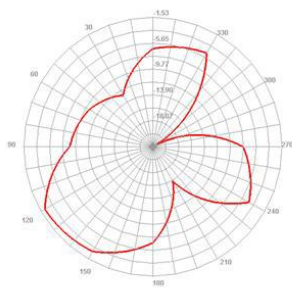
W900



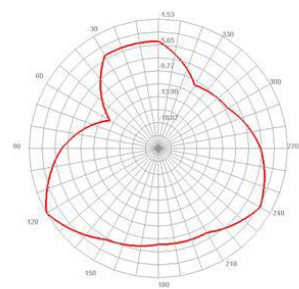
H



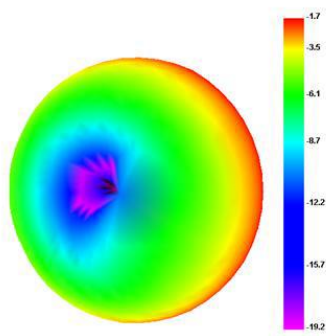
E1



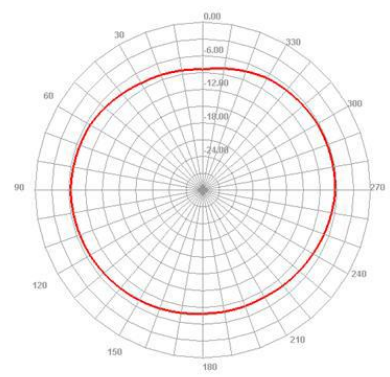
E2



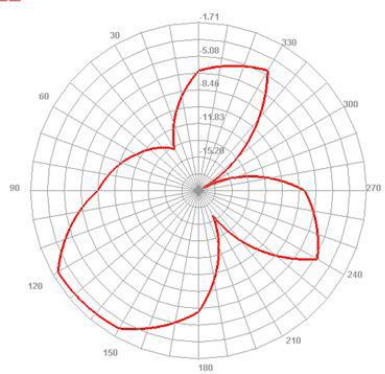
W850



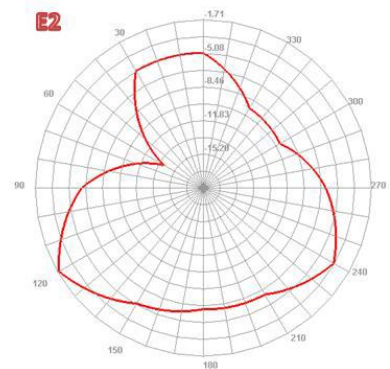
H



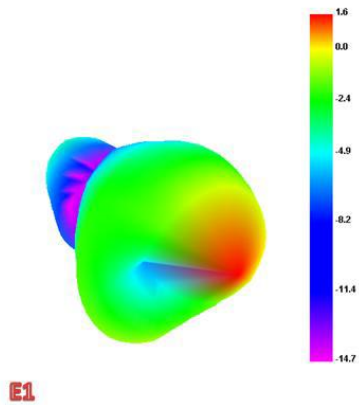
E1



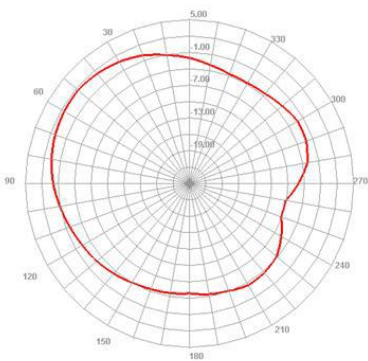
E2



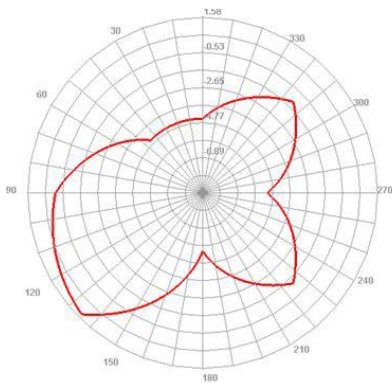
LTE-B2



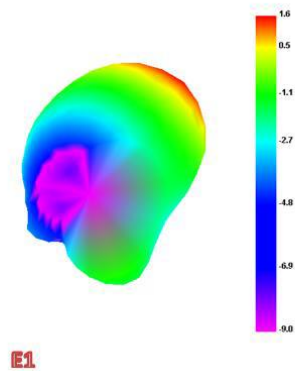
H



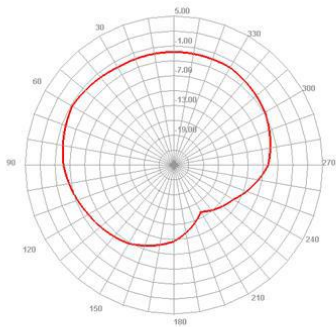
E2



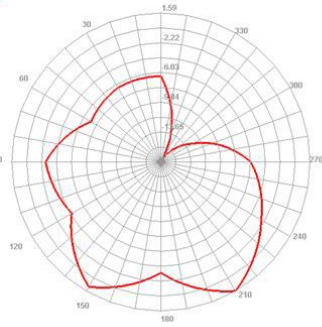
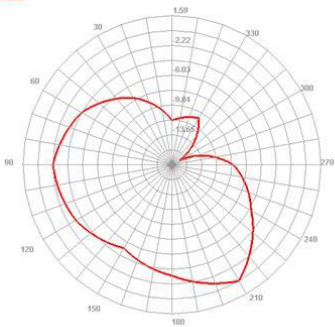
LTE-B3



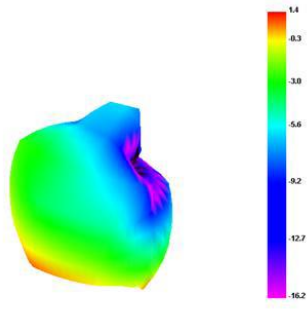
H



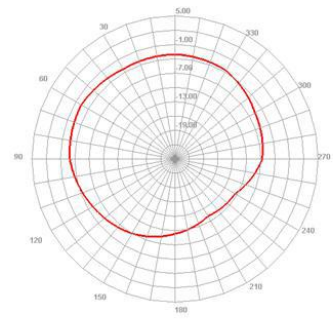
E2



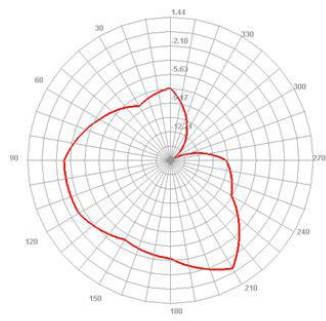
LTE-B4



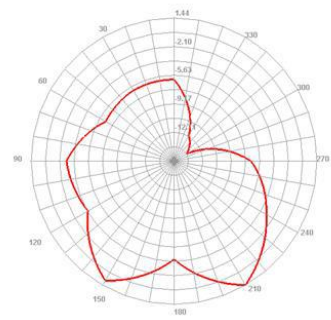
H



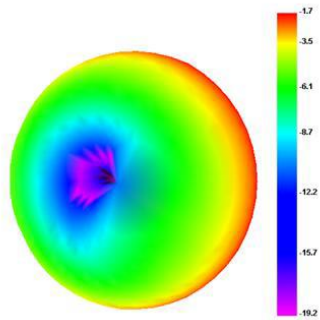
E1



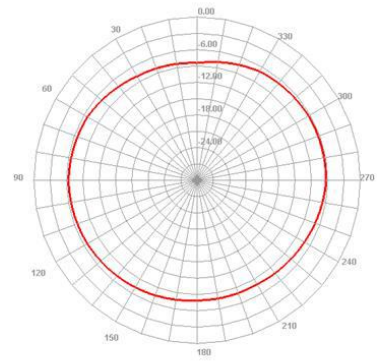
E2



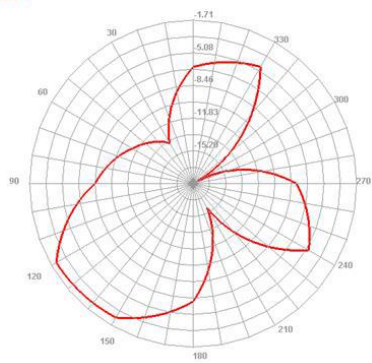
LTE-B5



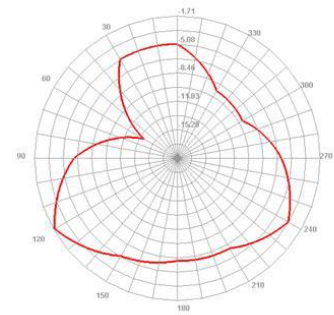
H



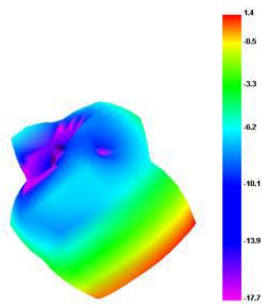
E1



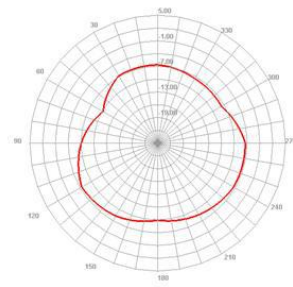
E2



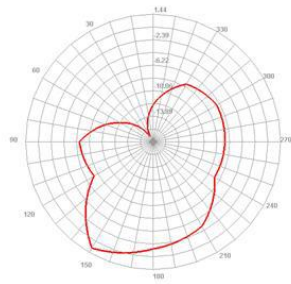
LTE-B7



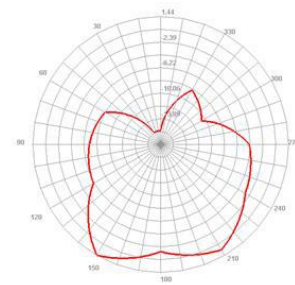
H



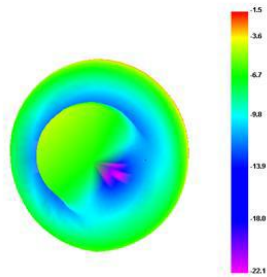
E1



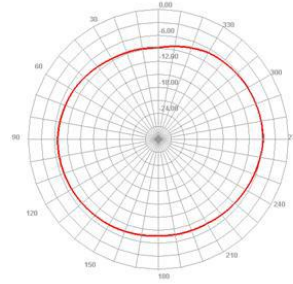
E2



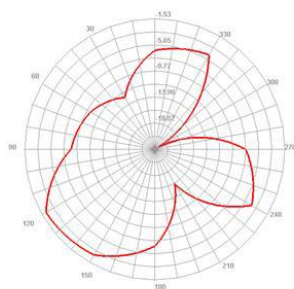
LTE-B8



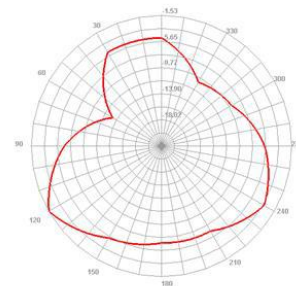
H



E1

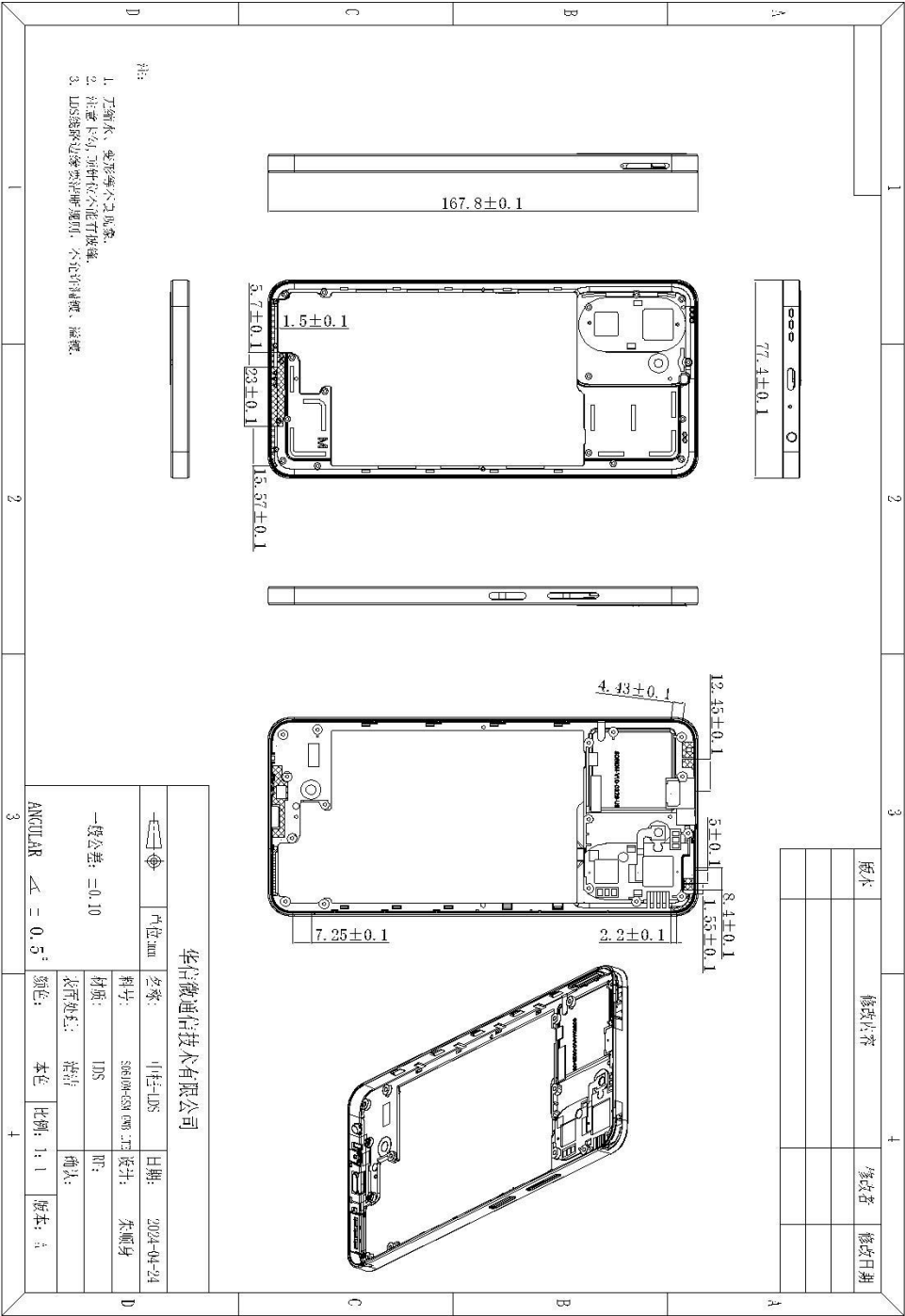


E2



3.

3. Antenna Dimension



#### 4. Antenna Position in Mobile Phone

