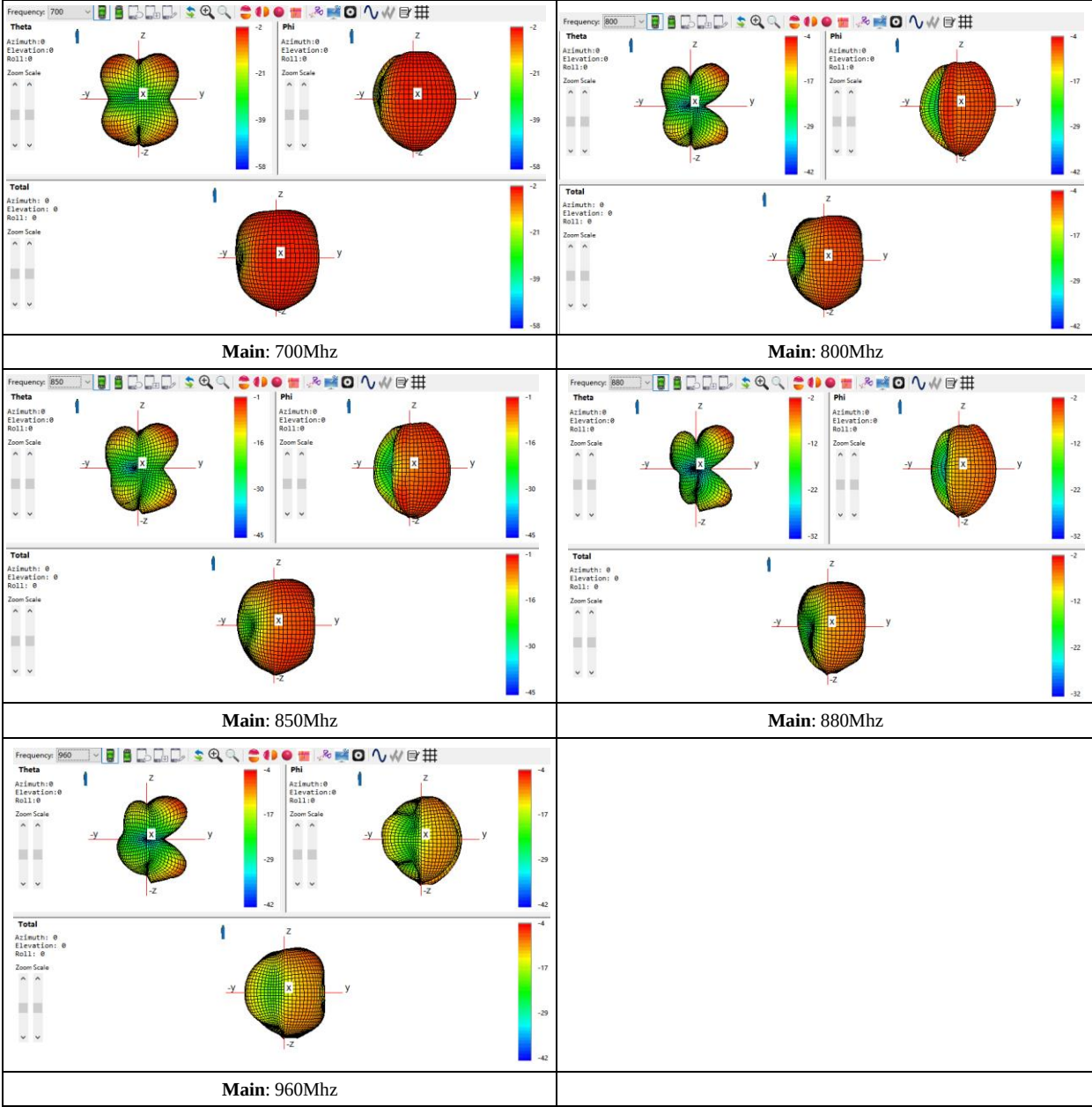


| Technical Specification |                                                                                                                                                                                          |              |                                                     |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------|
| Antenna Mode            | D5                                                                                                                                                                                       | Manufactured | SHENZHEN HENGXIANGTONG ANTENNA TECHNOLOGY CO., LTD. |
| Address                 | 606, Building E, Enterprise Aviation Technology Innovation Research and Development Industrial Park, No. 1008, Songbai Road, Sunshine Community, Xili Street, Nanshan District, Shenzhen |              |                                                     |
| Size & Picture          |                                                                                                                                                                                          |              |                                                     |
|                         | GSM/WDMA/LTE Main: FPC                                                                                                                                                                   |              |                                                     |
|                         |                                                                                                                                                                                          |              |                                                     |
|                         | GSM/WDMA/LTE Aux: FPC                                                                                                                                                                    |              |                                                     |
|                         |                                                                                                                                                                                          |              |                                                     |
|                         | G/W/B: FPC                                                                                                                                                                               |              |                                                     |

| Technical Specification |                                                      |        |              |           |              |                  |     |
|-------------------------|------------------------------------------------------|--------|--------------|-----------|--------------|------------------|-----|
| Band                    |                                                      | Mode   | Name         | Frequency | Antenna Type | Antenna Max Gain |     |
| <b>GSM<br/>Band</b>     | <input checked="" type="checkbox"/> Band-5 GSM 850   |        |              | 824-894   | FPC          | -1.75            | dBi |
|                         | <input checked="" type="checkbox"/> Band-8 GSM 900   |        |              | 880-960   |              | -2.08            |     |
|                         | <input checked="" type="checkbox"/> Band-3 DCS 1800  |        |              | 1710-1880 |              | -0.96            |     |
|                         | <input checked="" type="checkbox"/> Band-2 PCS 1900  |        |              | 1850-1990 |              | -0.1             |     |
| <b>UMTS<br/>Band</b>    | <input checked="" type="checkbox"/> Band-1 2100      |        | IMT          | 1920-2170 | FPC          | 0.48             | dBi |
|                         | <input checked="" type="checkbox"/> Band-2 1900      |        | PCS A-F      | 1850-1990 |              | -0.1             |     |
|                         | <input checked="" type="checkbox"/> Band-4 1700/2100 |        | AWS A-F      | 1710-2155 |              | 0.48             |     |
|                         | <input checked="" type="checkbox"/> Band-5 850       |        | CLR          | 824-894   |              | -1.99            |     |
|                         | <input checked="" type="checkbox"/> Band-8 900       |        | E-GSM        | 880-960   |              | -0.78            |     |
| <b>LTE<br/>Band</b>     | <input checked="" type="checkbox"/> Band-1 2100      | FDD    | IMT          | 1920-2170 | FPC          | 0.48             | dBi |
|                         | <input checked="" type="checkbox"/> Band-2 1900      | FDD    | PCS          | 1850-1990 |              | -0.1             |     |
|                         | <input checked="" type="checkbox"/> Band-3 1800      | FDD    | DCS          | 1710-1880 |              | -0.96            |     |
|                         | <input checked="" type="checkbox"/> Band-4 1700/2100 | FDD    | AWS          | 1710-2155 |              | 0.48             |     |
|                         | <input checked="" type="checkbox"/> Band-5 850       | FDD    | CLR          | 824-894   |              | -1.75            |     |
|                         | <input checked="" type="checkbox"/> Band-7 2600      | FDD    | IMT-E        | 2500-2690 |              | -0.18            |     |
|                         | <input checked="" type="checkbox"/> Band-8 900       | FDD    | EGSM         | 880-960   |              | -2.08            |     |
|                         | <input checked="" type="checkbox"/> Band-12 700      | FDD    | LSMH         | 699-746   |              | -1.74            |     |
|                         | <input checked="" type="checkbox"/> Band-17 700      | FDD    | LSMH         | 704-746   |              | -1.74            |     |
|                         | <input checked="" type="checkbox"/> Band-20 800      | FDD    | EUDD         | 791-862   |              | -1.78            |     |
|                         | <input checked="" type="checkbox"/> Band-28 700      | FDD    | APT          | 703-803   |              | -1.74            |     |
|                         | <input checked="" type="checkbox"/> Band-40 2300     | TDD    | S-Band       | 2300-2400 |              | -2.11            |     |
|                         | <input checked="" type="checkbox"/> Band-41 2500     | TDD    | BRS          | 2496-2690 |              | -0.7             |     |
|                         | <input checked="" type="checkbox"/> Band-66 1700     | FDD    | Extended AWS | 1710-2200 |              | 0.48             |     |
| <b>WiFi</b>             | <input checked="" type="checkbox"/> 802.11b/g/n      | 2.4GHz | Wi-Fi 4      | 2400-2500 | FPC          | 2.53             | dBi |
| <b>BT</b>               | <input checked="" type="checkbox"/> Bluetooth        |        |              | 2400-2500 | FPC          | 2.53             | dBi |
| <b>GPS</b>              | <input checked="" type="checkbox"/> Gps L1 Band      |        |              | 1575.42   | FPC          | 0.83             | dBi |

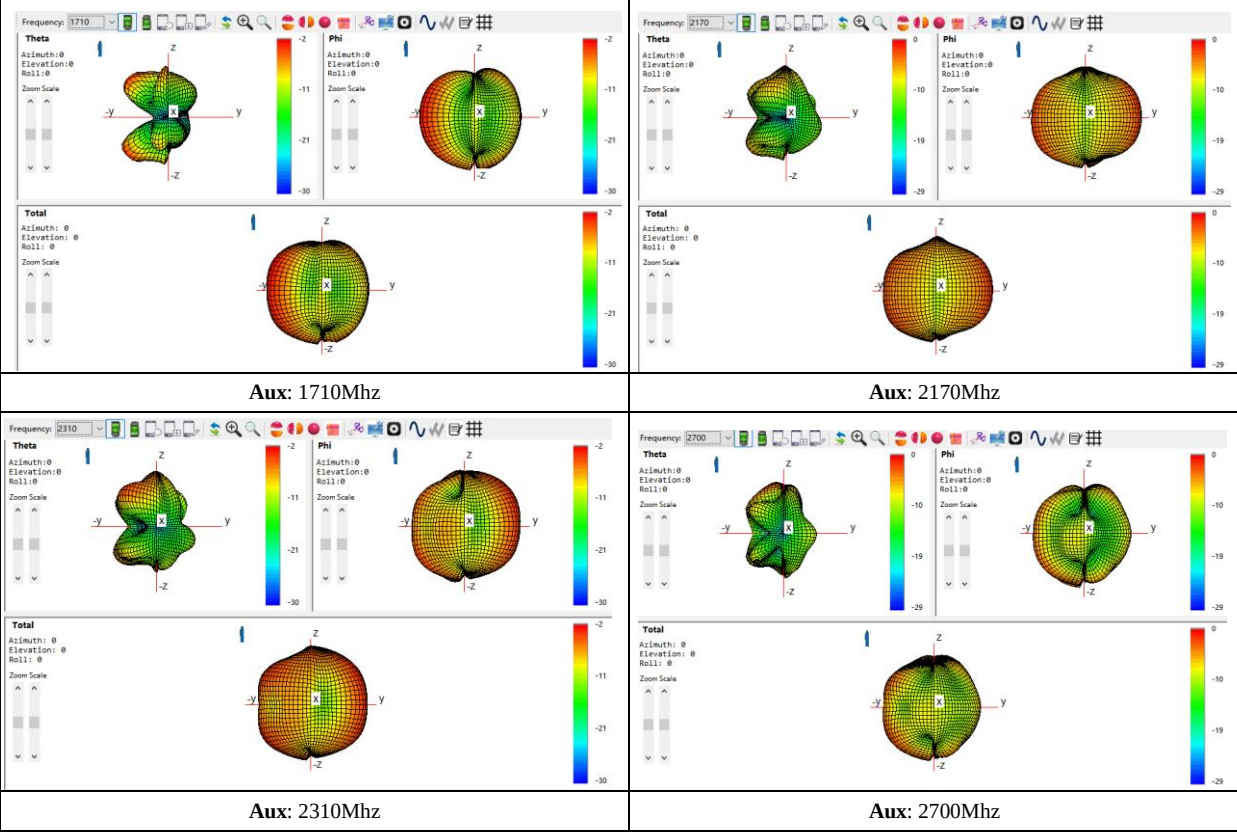
# Technical Specification

## Main 3-D Patten Plots



# Technical Specification

## Aux 3-D Patten Plots



# Technical Specification

## G/W/B 3-D Patten Plots

