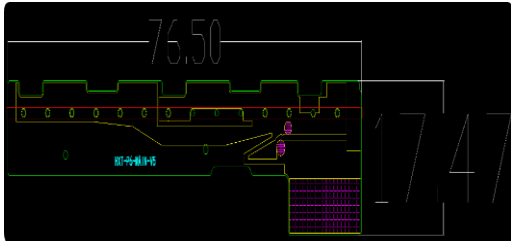
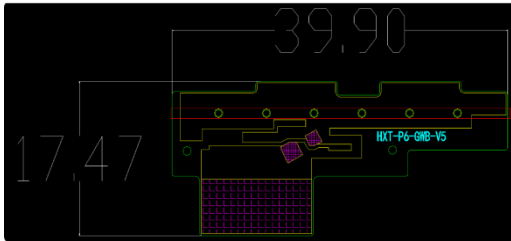


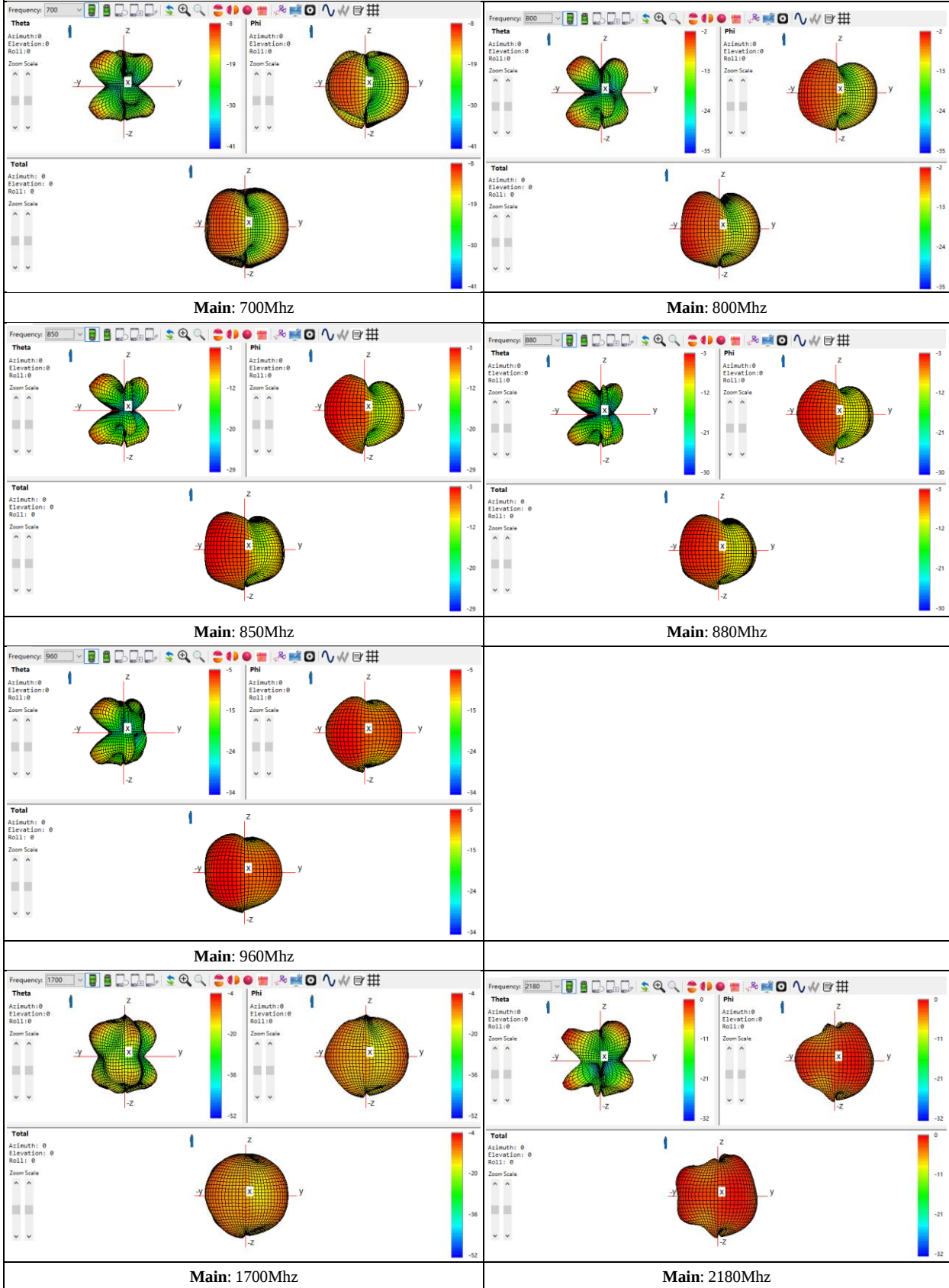
## Technical Specification

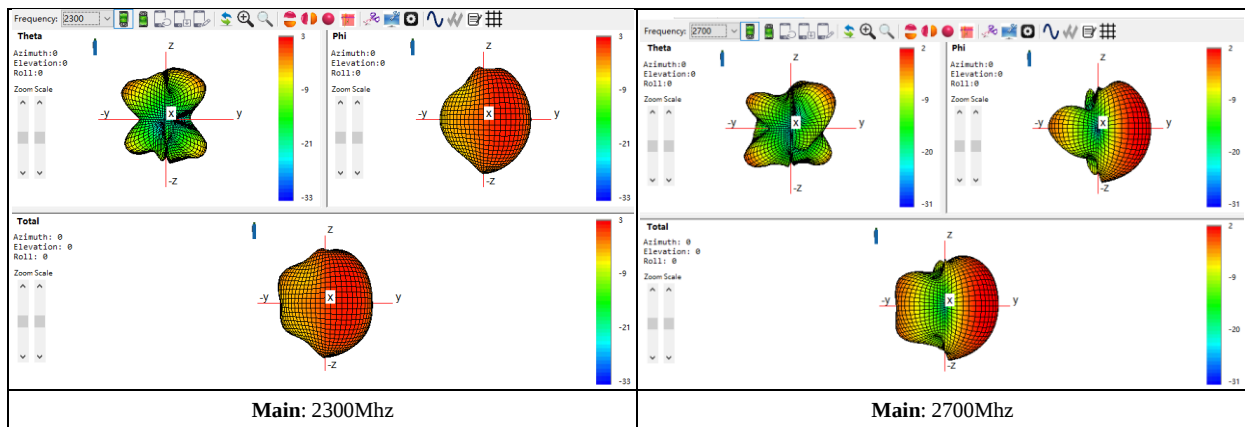
|                      |                                                                                                                                                                                                |              |                                                                                    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------|
| Antenna Mode         | P6                                                                                                                                                                                             | Manufactured | SHENZHEN HENGXIANGTONG ANTENNA<br>TECNOLOGY CO., LTD.                              |
| Address              | 606, Building E, Enterprise Aviation Technology Innovation Research and Development<br>Industrial Park, No. 1008, Songbai Road, Sunshine Community, Xili Street, Nanshan<br>District, Shenzhen |              |                                                                                    |
| Size<br>&<br>Picture |                                                                                                               |              |  |
|                      | GSM/WDMA/LTE Main: 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          | -2.86            | dBi |
|                         | <input checked="" type="checkbox"/> Band-8 GSM 900   |        |              | 880-960   |              | -3.73            |     |
|                         | <input checked="" type="checkbox"/> Band-3 DCS 1800  |        |              | 1710-1880 |              | -0.86            |     |
|                         | <input checked="" type="checkbox"/> Band-2 PCS 1900  |        |              | 1850-1990 |              | -0.56            |     |
| <b>UMTS<br/>Band</b>    | <input checked="" type="checkbox"/> Band-1 2100      |        | IMT          | 1920-2170 | FPC          | -0.02            | dBi |
|                         | <input checked="" type="checkbox"/> Band-2 1900      |        | PCS A-F      | 1850-1990 |              | -0.02            |     |
|                         | <input checked="" type="checkbox"/> Band-4 1700/2100 |        | AWS A-F      | 1710-2155 |              | -0.02            |     |
|                         | <input checked="" type="checkbox"/> Band-5 850       |        | CLR          | 824-894   |              | -2.86            |     |
|                         | <input checked="" type="checkbox"/> Band-6           |        |              | 830-885   |              | -2.88            |     |
|                         | <input checked="" type="checkbox"/> Band-8 900       |        | E-GSM        | 880-960   |              | -3.73            |     |
|                         | <input checked="" type="checkbox"/> Band-19          |        |              | 830-890   |              | -2.88            |     |
| <b>LTE<br/>Band</b>     | <input checked="" type="checkbox"/> Band-1 2100      | FDD    | IMT          | 1920-2170 | FPC          | -0.02            | dBi |
|                         | <input checked="" type="checkbox"/> Band-2 1900      | FDD    | PCS          | 1850-1990 |              | -0.02            |     |
|                         | <input checked="" type="checkbox"/> Band-3 1800      | FDD    | DCS          | 1710-1880 |              | -0.86            |     |
|                         | <input checked="" type="checkbox"/> Band-4 1700/2100 | FDD    | AWS          | 1710-2155 |              | -0.02            |     |
|                         | <input checked="" type="checkbox"/> Band-5 850       | FDD    | CLR          | 824-894   |              | -2.86            |     |
|                         | <input checked="" type="checkbox"/> Band-7 2600      | FDD    | IMT-E        | 2500-2690 |              | 3.45             |     |
|                         | <input checked="" type="checkbox"/> Band-8 900       | FDD    | EGSM         | 880-960   |              | -3.73            |     |
|                         | <input checked="" type="checkbox"/> Band-12 700      | FDD    | LSMH         | 699-746   |              | -5.15            |     |
|                         | <input checked="" type="checkbox"/> Band-17 700      | FDD    | LSMH         | 704-746   |              | -5.15            |     |
|                         | <input checked="" type="checkbox"/> Band-18 800      | FDD    | Lower 800    | 815-875   |              | -2.6             |     |
|                         | <input checked="" type="checkbox"/> Band-19 800      | FDD    | Upper 800    | 830-890   |              | -2.88            |     |
|                         | <input checked="" type="checkbox"/> Band-20 800      | FDD    | EUDD         | 791-862   |              | -2.4             |     |
|                         | <input checked="" type="checkbox"/> Band-25 1900     | FDD    | EPCS         | 1850-1995 |              | -0.02            |     |
|                         | <input checked="" type="checkbox"/> Band-26 850      | FDD    | ECLR         | 814-894   |              | -2.86            |     |
|                         | <input checked="" type="checkbox"/> Band-28 700      | FDD    | APT          | 703-803   |              | -2.5             |     |
|                         | <input checked="" type="checkbox"/> Band-34 2000     | TDD    | IMT          | 2010-2025 |              | -1.17            |     |
|                         | <input checked="" type="checkbox"/> Band-38 2600     | TDD    | IMT-E        | 2570-2620 |              | 3.45             |     |
|                         | <input checked="" type="checkbox"/> Band-39 1900     | TDD    |              | 1880-1920 |              | -0.02            |     |
|                         | <input checked="" type="checkbox"/> Band-40 2300     | TDD    | S-Band       | 2300-2400 |              | 2.55             |     |
|                         | <input checked="" type="checkbox"/> Band-41 2500     | TDD    | BRS          | 2496-2690 |              | 3.45             |     |
|                         | <input checked="" type="checkbox"/> Band-66 1700     | FDD    | Extended AWS | 1710-2200 |              | -0.02            |     |
| <b>WiFi</b>             | <input checked="" type="checkbox"/> 802.11b/g/n      | 2.4GHz | Wi-Fi 4      | 2401-2495 | FPC          | 2.23             | dBi |
|                         | <input checked="" type="checkbox"/> 802.11a/n/ac     | 5GHz   | Wi-Fi 5/6    | 4910-5895 |              | 2.2              |     |
| <b>BT</b>               | <input checked="" type="checkbox"/> Bluetooth        |        |              | 2400-2500 | FPC          | 2.23             | dBi |
| <b>GPS</b>              | <input checked="" type="checkbox"/> Gps L1 Band      |        |              | 1575.42   | FPC          | 0.06             | dBi |
|                         |                                                      |        |              |           |              |                  |     |
|                         |                                                      |        |              |           |              |                  |     |
|                         |                                                      |        |              |           |              |                  |     |

# Technical Specification

## Main 3-D Patten Plots





## Technical Specification

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

