



Hyde Ant1 Specification

Project Specific Part

Version: V3.0

Creator: FAS

Antenna Module P/N: 4TS4009-A0001-JH

Application: HydeAntenna

Company Name: Foxconn Interconnect Technology Limited Taiwan Branch

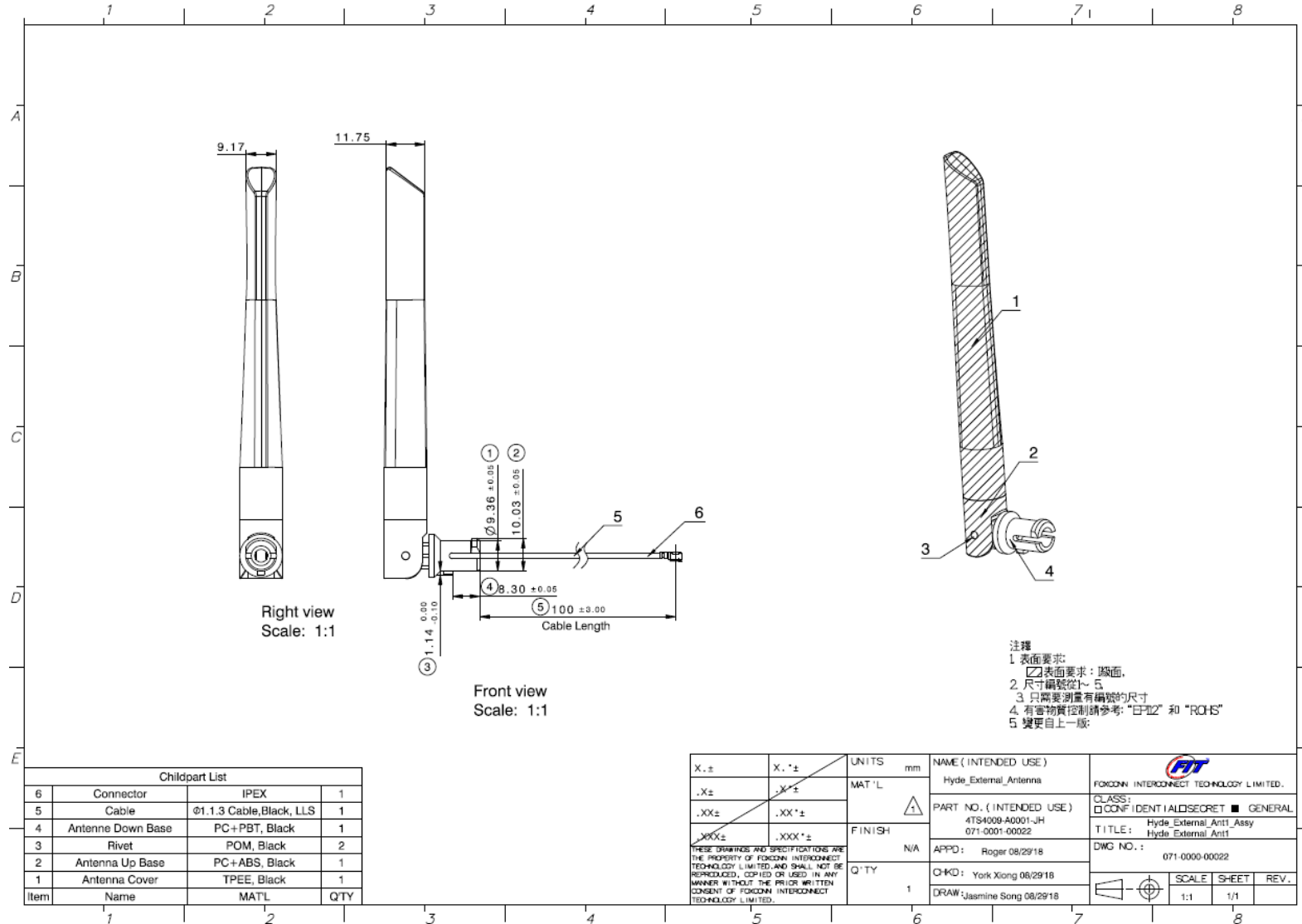
Company Address: No. 66-1, ZHONGSHAN RD., TUCHENG DIST.,

NEW TAIPEI CITY 23680, TAIWAN (R.O.C.)

1. Product Description

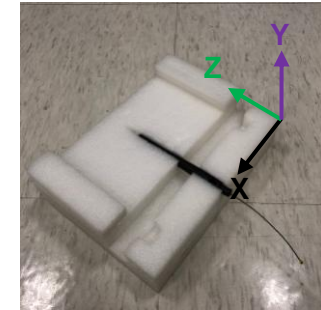
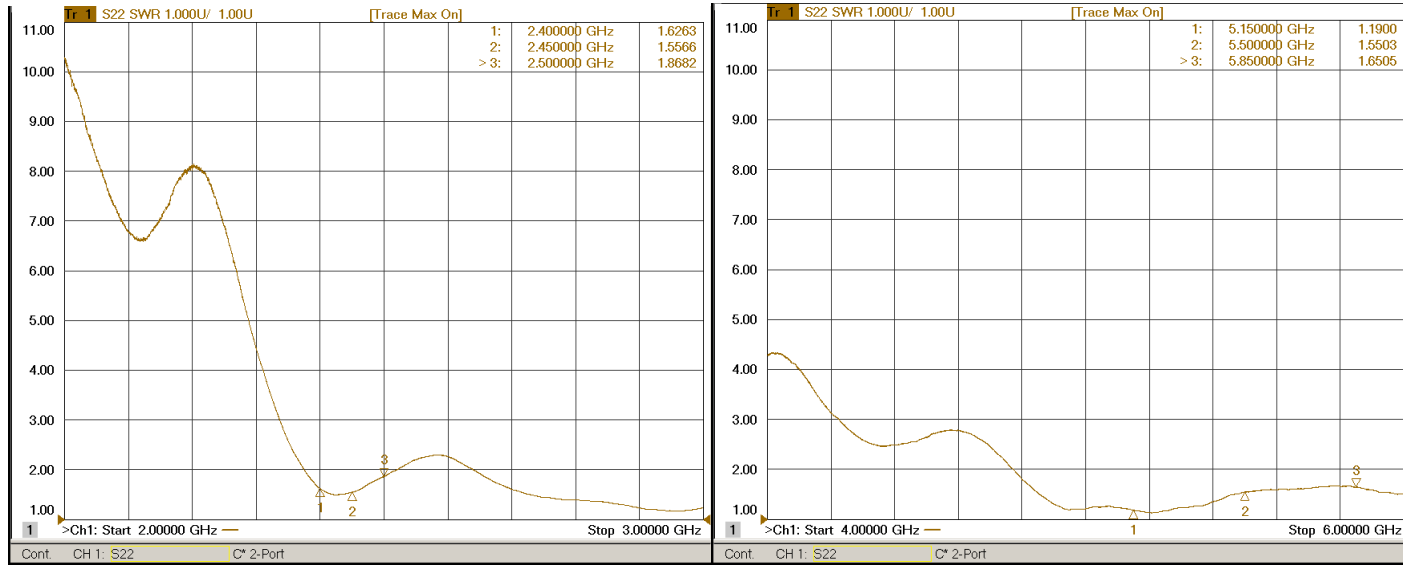
| Electrical Properties | | |
|------------------------------|------------------------------------|----------------------|
| FrequencyRange | 2400-2500 MHz | 5150-5875 MHz |
| Efficiency | 73.22 % | 77.42% |
| Peak Gain | 2.52 dBi | 3.37 dBi |
| Average Gain | -1.35 dB | -1.11 dB |
| VSWR | < 2 | < 2 |
| Polarization | Linear & Vertical | |
| Impedance | 50 Ω | |
| Physical Properties | | |
| Cable type | 1.13 Low Loss, Length 100mm | |
| Cable Color | Black | |
| Description | External antenna-PCB | |
| Operating Temp | -40~+65°C | |

2. Product Drawings



3. Antenna Test

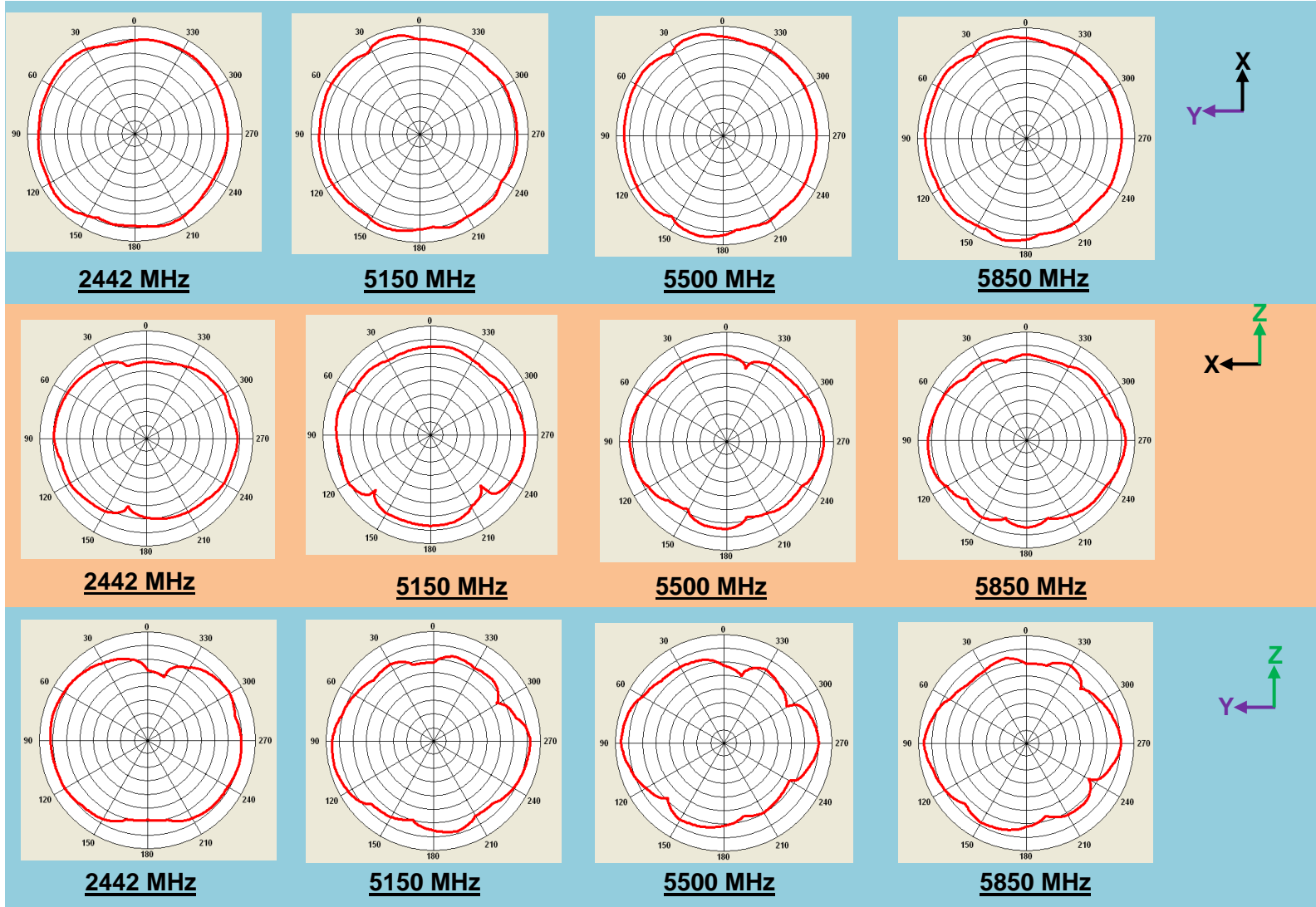
VSWR Parameters



Antenna Efficiency

| Frequency (MHz) | 2412 | 2422 | 2432 | 2442 | 2452 | 2462 | 2472 | 2482 | 5150 | 5250 | 5350 | 5450 | 5550 | 5650 | 5750 | 5850 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Efficiency (dB) | -1.62 | -1.50 | -1.40 | -1.24 | -1.07 | -1.18 | -1.30 | -1.56 | -1.42 | -1.25 | -0.80 | -0.79 | -0.83 | -1.01 | -1.52 | -1.34 |
| Efficiency (%) | 68.89 | 70.81 | 72.39 | 75.16 | 78.22 | 76.27 | 74.09 | 69.90 | 72.04 | 75.07 | 83.19 | 83.39 | 82.61 | 79.19 | 70.41 | 73.53 |

Antenna 2D Radiation Pattern (Max: 5 Min: -35)



4. Package Specification

| Packing information | | |
|---------------------|-------------------------------|-------------|
| >Product package | PE bag | 10pcs/bag |
| >Packaging material | Carton | |
| >Carton size | 460*320*250mm | 1000pcs/box |
| > Packaging label | Name、 Quantity、 Date、 P/N etc | |

