



# **Hyde Ant2 Specification**

## **Project Specific Part**

**Version: V3.0**

**Creator: FAS**

**Antenna Module P/N: 4TS4009-A0002JH**

**Application: HydeAntenna**

**Company Name: Foxconn Interconnect Technology Limited Taiwan Branch**

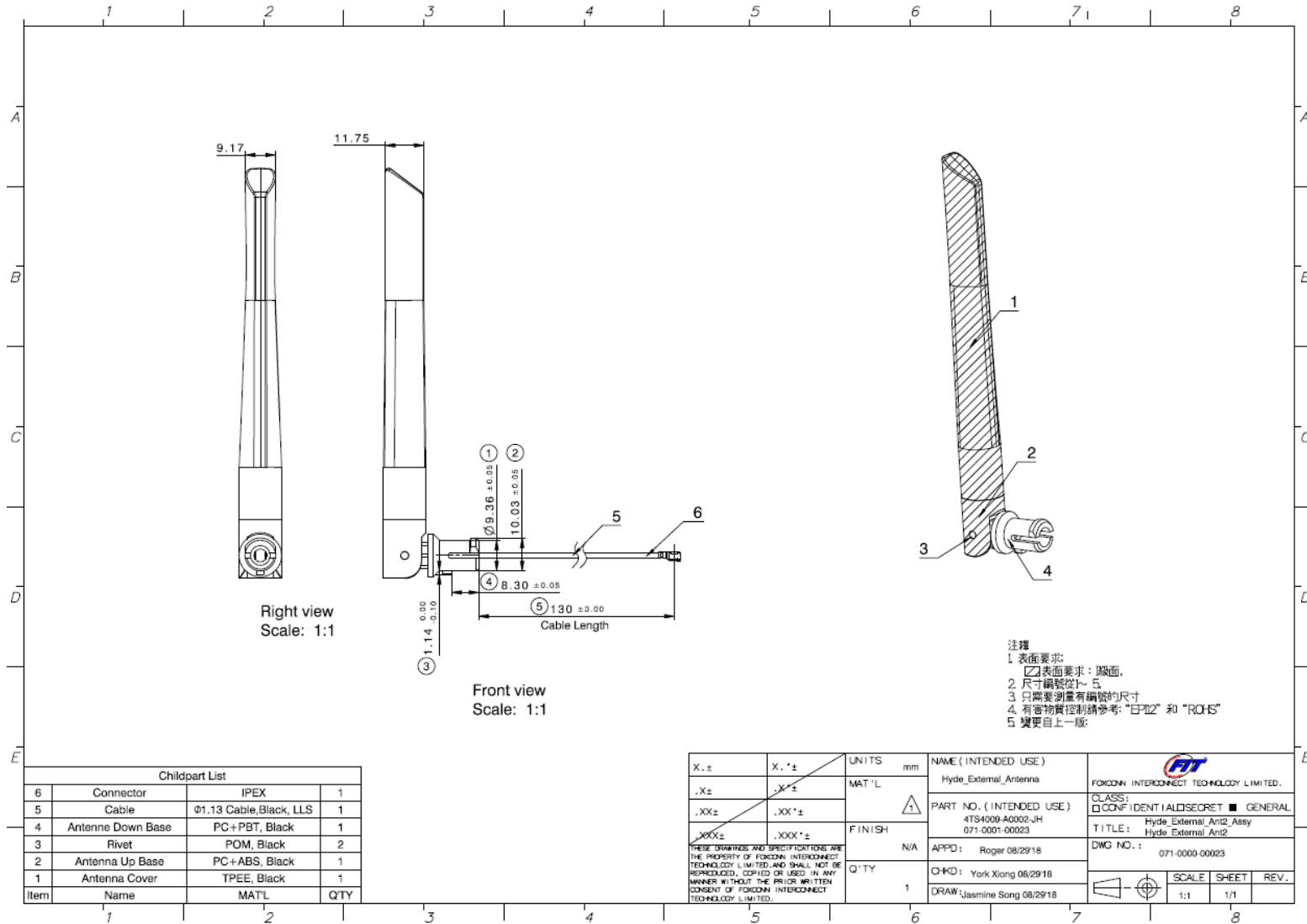
**Company Address: No. 66-1, ZHONGSHAN RD., TUCHENG DIST.,**

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

## 1. Product Description

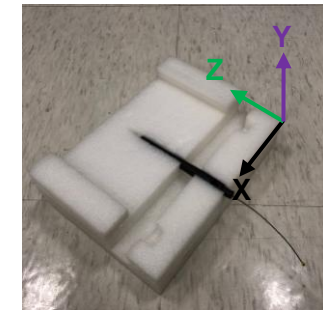
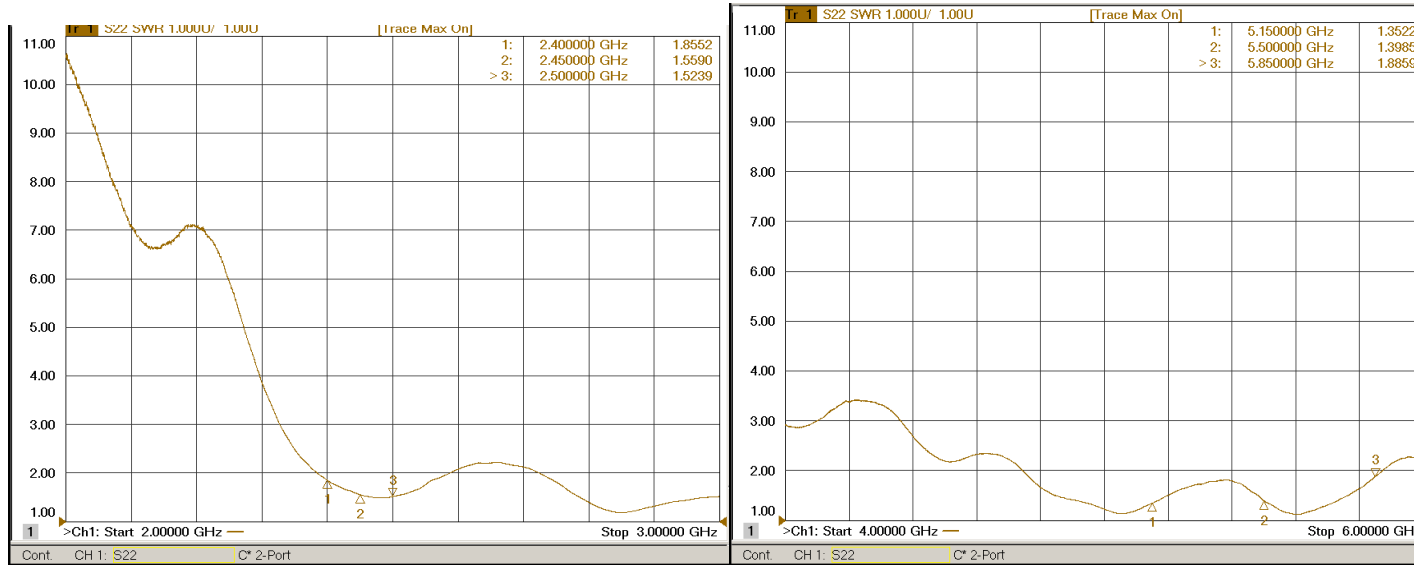
<b>Electrical Properties</b>		
<b>FrequencyRange</b>	<b>2400-2500 MHz</b>	<b>5150-5875 MHz</b>
<b>Efficiency</b>	<b>73.16%</b>	<b>75.58%</b>
<b>Peak Gain</b>	<b>2.53dBi</b>	<b>3.28dBi</b>
<b>Average Gain</b>	<b>-1.36dB</b>	<b>-1.20BdB</b>
<b>VSWR</b>	<b>&lt; 2</b>	<b>&lt; 2</b>
<b>Polarization</b>	<b>Linear &amp; Vertical</b>	
<b>Impedance</b>	<b>50 Ω</b>	
<b>Physical Properties</b>		
<b>Cable type</b>	<b>1.13 Low Loss, Length 130mm</b>	
<b>Cable Color</b>	<b>Black</b>	
<b>Description</b>	<b>External antenna-PCB</b>	
<b>Operating Temp</b>	<b>-40~+65°C</b>	

## 2. Product Drawings



### 3. Antenna Test

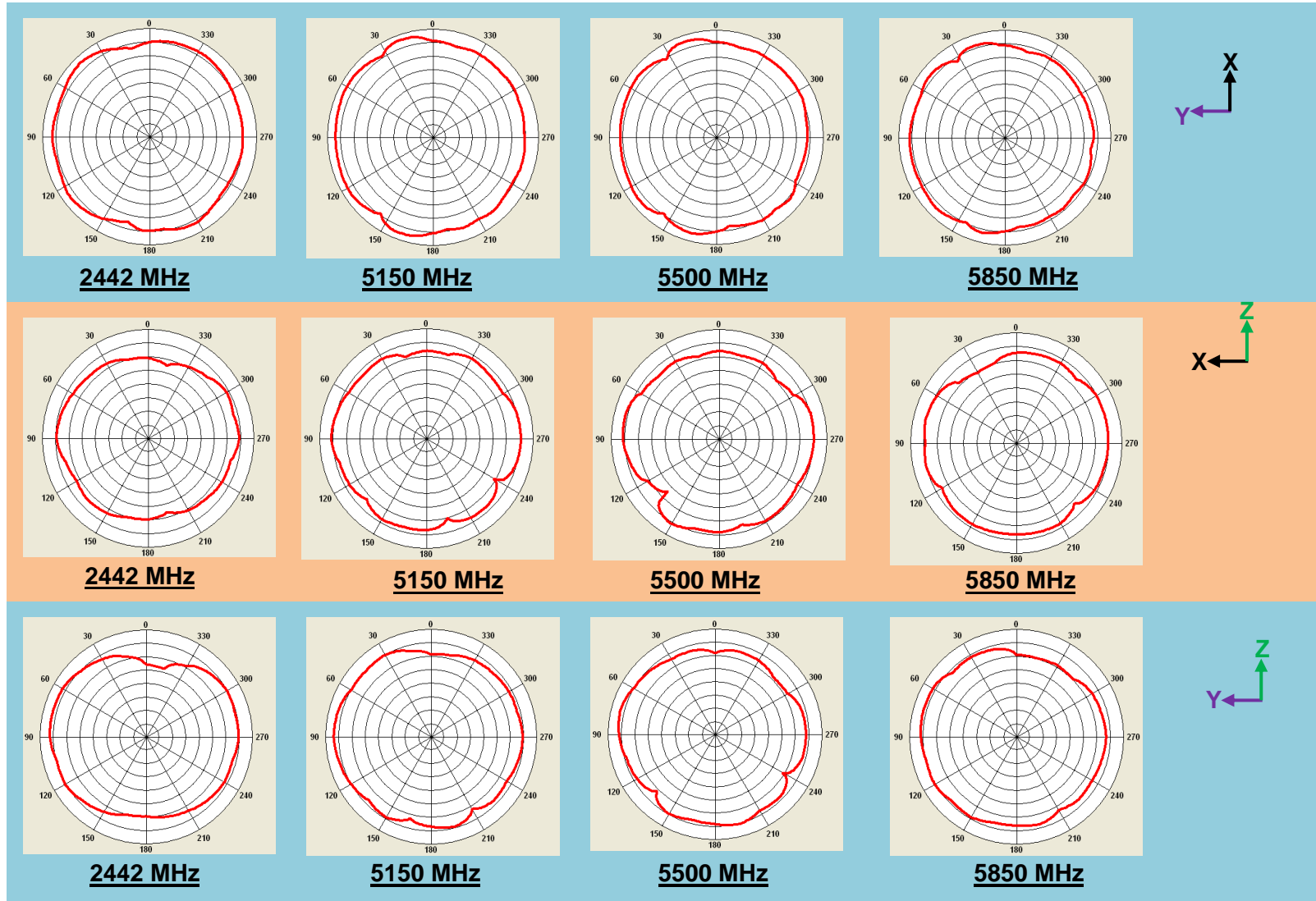
#### VSWR Parameters



#### Antenna Efficiency

Frequency (MHz)	2412	2422	2432	2442	2452	2462	2472	2482	5150	5250	5350	5450	5550	5650	5750	5850
Efficiency (dB)	-1.59	-1.46	-1.35	-1.23	-1.18	-1.08	-1.47	-1.52	-1.32	-1.42	-0.94	-0.90	-0.96	-1.10	-1.47	-1.54
Efficiency (%)	69.28	71.51	73.28	75.30	76.20	78.00	71.31	70.43	73.86	72.05	80.52	81.33	80.14	77.68	71.35	70.13

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	

