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DT8 GPS ANTENNA DATA SHEET

CUSTOMER : FOXCONN
VENDOR : 晶鈦國際電子股份有限公司
PART NUMBER : AH-JT-1335Y0411
DESCRIPTION : GPS Antenna
Date : 2014/01/21



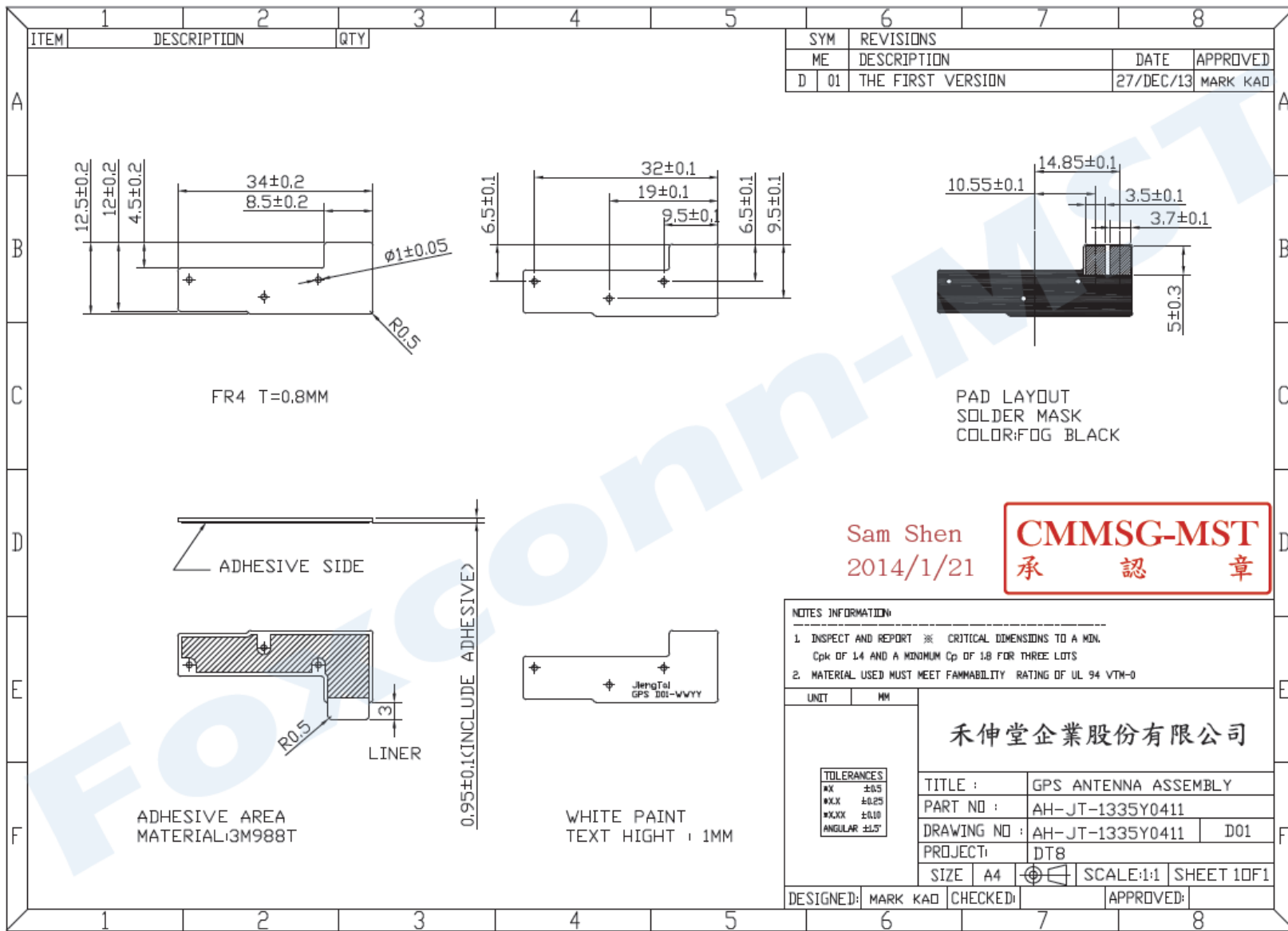
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JIENG TAI International Electric CORP.(JTIE)





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ANTENNA RELATED DATA

ITEM	SPECIFICATION
Frequency Band	1575 MHz
VSWR	2(Max)
Polarization	Linear
Peak Gain	3.3 dBi.
Impedance	50Ω
Coaxial Cable Type	no coaxial cable



Test Equipment

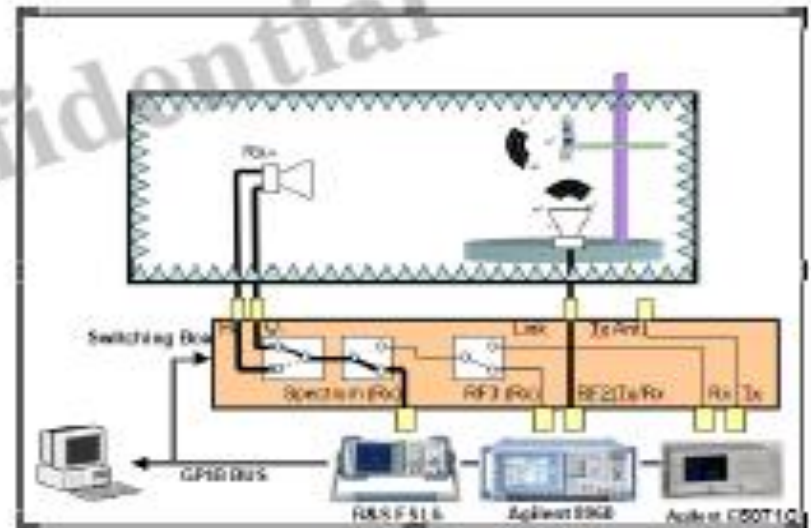
- VNA Test Setup
- Return Loss measurements (S_{11}) were performed using an R&S ZVB8 Network Analyzer





Test Equipment

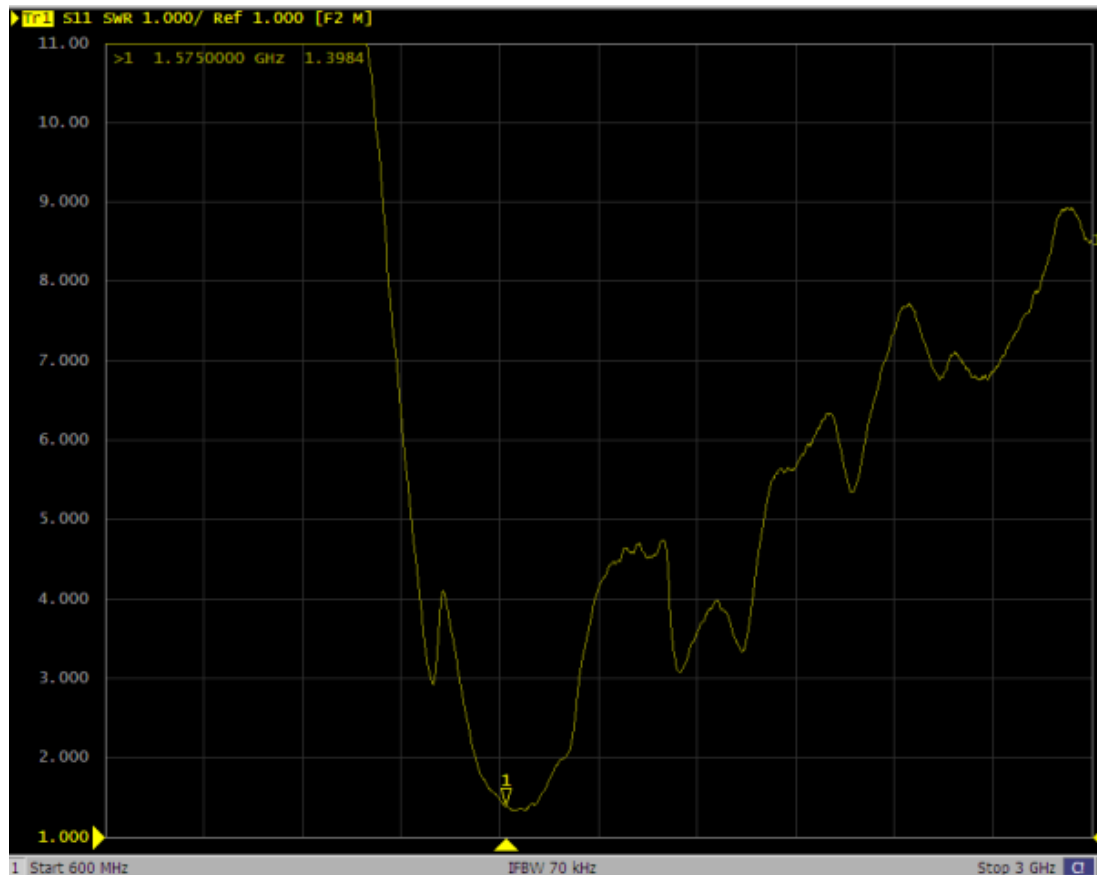
- Anechoic Chamber Test Setup
- The antenna efficiency and gain were measured using a ETS AMS-8500 3-D anechoic chamber at JTIE.





Test Result

■ GPS Antenna VSWR





Test Result

■ GPS Antenna Performance

Frequency	Total Rad. Pow.(dBi)
1.55GHz	-2.34
1.575GHz	-2.95
1.6GHz	-3.3