

SPEC NO.: D259-

SPECIFICATION

TO:STE

Model Name: Antenna

PART NO:

CUSTOMER PART NO.:

Application:

Samples Approval sheet:

Approved	Yes
	No.
Customer's comments are welcomed here.	
Pls return this copy as a certificate of your approval by email.	
Approved By Date: _____	

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History Record

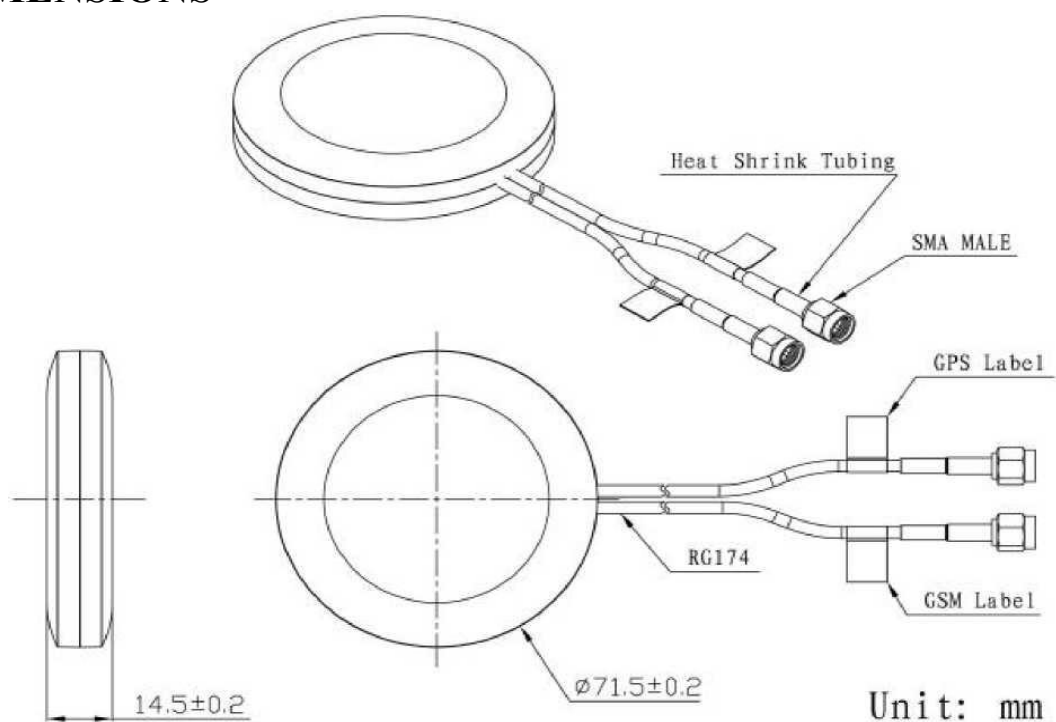
Date	Part No.	SPEC No.	Description.	Remarks.
RoHS Compliant Lead free Lead-free soldering	ISO9001:2000 ISO14001:2004	Approved by	Check by	Design by
		JULY-31-2015	JULY-20-2015	JULY-31-2015
Reversions	Total Page	<i>Xu gang dong</i>	<i>Liu jun</i>	<i>Wang hon</i>

GPS+GSM +3G Combination Antenna

Part Number: **SAGPSM-7**

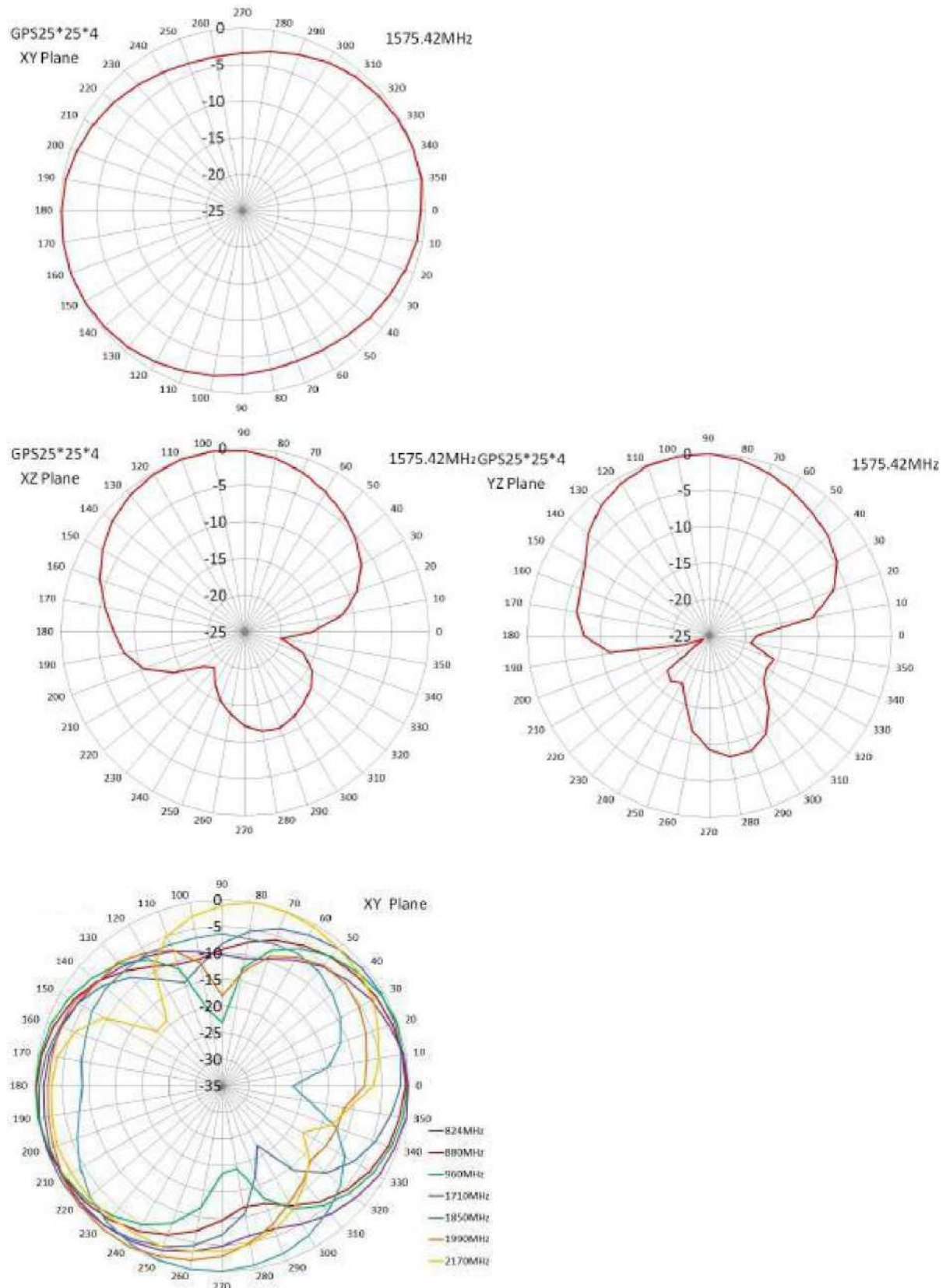


DIMENSIONS

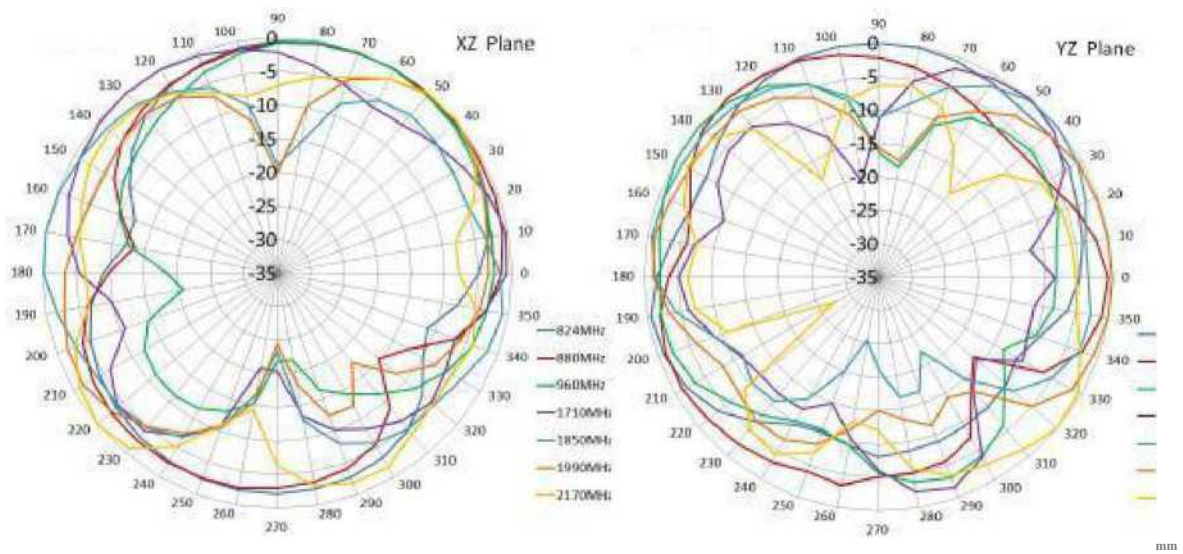


SPECIFICATIONS

Item			Specifications
GPS Antenna	Dielectric Antenna	Center Frequency	1575.42±1MHz
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	5dBic (Zenith)
		V.S.W.R	<1.5
		Impedance	50Q
		Axial Ratio	3dB (max)
	LNA	Gain	28±2dBi
		Noise Figure	<1.5
		Ex-band Attenuation	12dB@CF+5 0MHz/16dB@CF-50MHz
		V.S.W.R	<2.0
		Supply Voltage	2.2~5VDC
		Current Consumption	5~15mA
GSM /3GAntenna		Frequency Range	824~960MHz/1710~2170MHz
		V.S.W.R (min)	<2.5
		Polarization	Linear
		Gain	2dBi
		Impedance	50Q
Mechanical		Cable	RG174
		Connector	SMA/MCX/FAKRA or others
		Radome Material	ABS
		Mounting Method	Magnet/Adhesive/Screw
Environmental		Operating	-40H85°C
		Relative Humidity	Up to 95%
		Ingress Protection	IP66
		Vibration	10 to 55Hz with 1.5mm amplitude 2hours
		Environmentally	ROHS Compliant



Radiation Pattern



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