

TEST DATASHEET

CUSTOMER : 廣達電腦股份有限公司
QUANTA COMPUTER

MODEL NO. : **GW-282RS-255**

DESCRIPTION : **900MHz Swivel Antenna**



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1.Description:

The antenna is a swivel and $1/4 \lambda$ dipole antenna. It's useful for the ISM Band of 900 MHz.

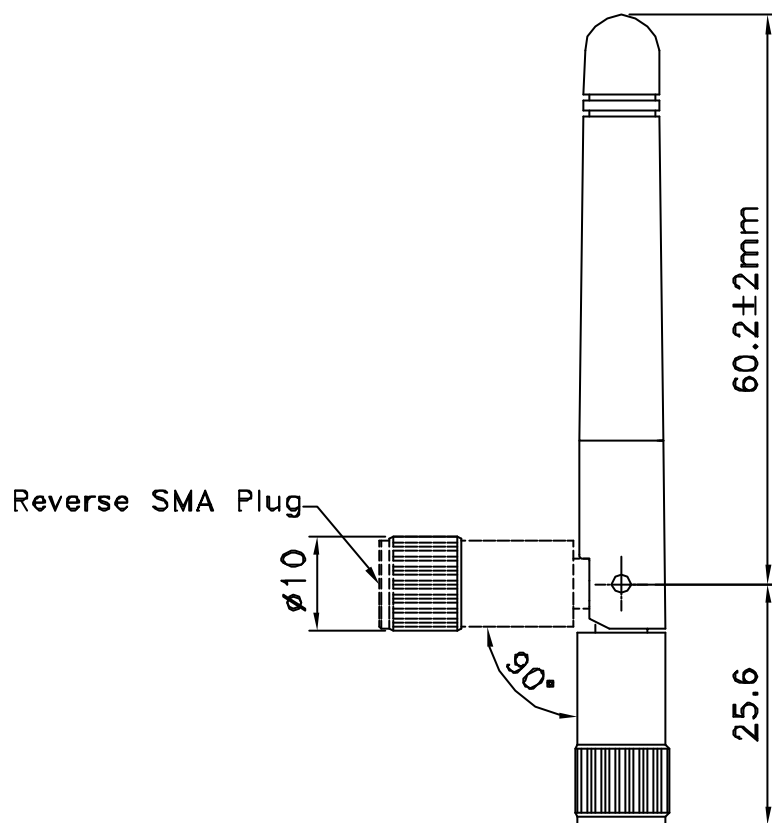
2. Electrical Properties

2-1 Frequency Range.....	868~928MHz
2-2 Impedance.....	50 Ohms nominal
2-3 S.W.R.	≤ 2.0
2-4 Return Loss.....	≤ -10 dB
2-5 Gain.....	Unity
2-6 Radiation.....	Omni
2-7 Polarization.....	Vertical
2-8 Electrical Wavelength.....	$1/4 \lambda$ Dipole

3. Mechanical Properties :

3-1 Connector.....	Reverse SMA Plug
3-2 Antenna Cover.....	Polyurethane
Antenna Base.....	Polycarbonate
3-3 Operation Temperature..	$-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$
3-4 Storage Temperature.....	$-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$





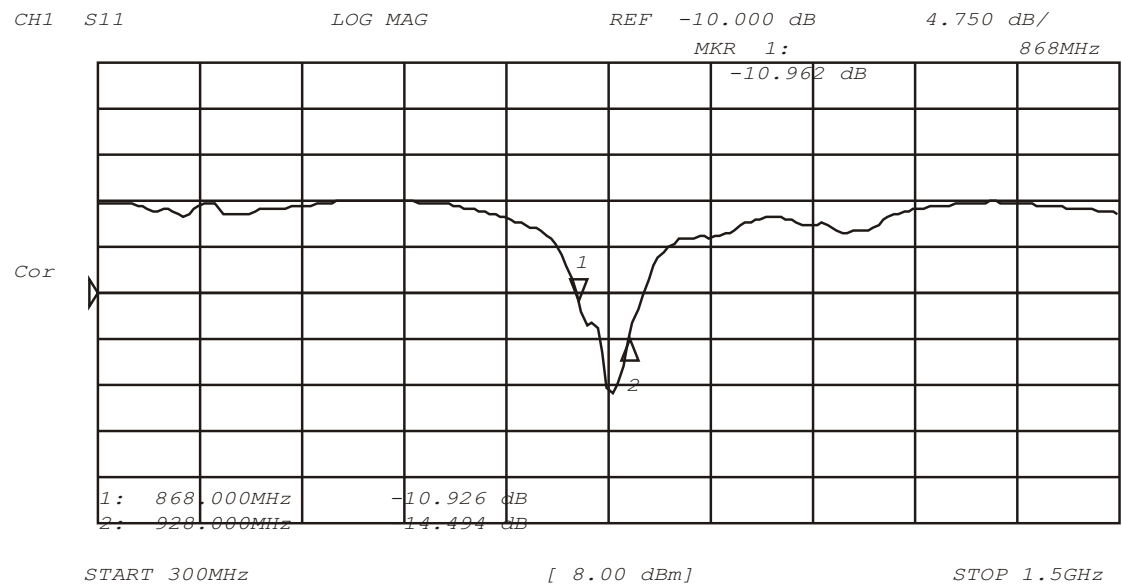
TOLERANCES:	
X	± 1
X.X	± 0.5
X.XX	± 0.25
ANG.	± 2.0°

REV DESCRIPTION		MATERIAL	MODEL: GW-282RS-255		
		FINISH	NAME: Swivel Antenna		
		UNIT: mm	PART No: GW-282RS-255		
		SCALE: 1/ 0.8	DESIGN	APPROVE	REV
		DATE: 11/6/2003	Anna		00

QP0502-01-02



JOYMAX ELECTRONICS CO.,LTD.

**Return
Loss****S.W.R.**