

SPECIFICATIONS

Antenna Type: Monopole Antenna
 Frequency Range: 2.45GHz±50MHz
 Impedance: 50 Ohms
 Gain: <0 dBi
 VSWR: <2.5
 Admitted Power Radiation: 3W
 Type of Radiation: Omni
 Polarization: Vertical
 Electrical Length: 1/4λ
 Standard Connector: SMA (Male)
 Storage Temperature: -30°C ~ +75°C
 Operation Temperature: -20°C ~ +65°C

Item	Name	Material	Finish
1	Antenna Cover	PU	Black
2	Connector (SMA)	Brass	Golden

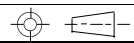
RoHS compliant

Roving Networks

Part No.: RN-SMA-S

Description: Miniature RF antenna with SMA connector

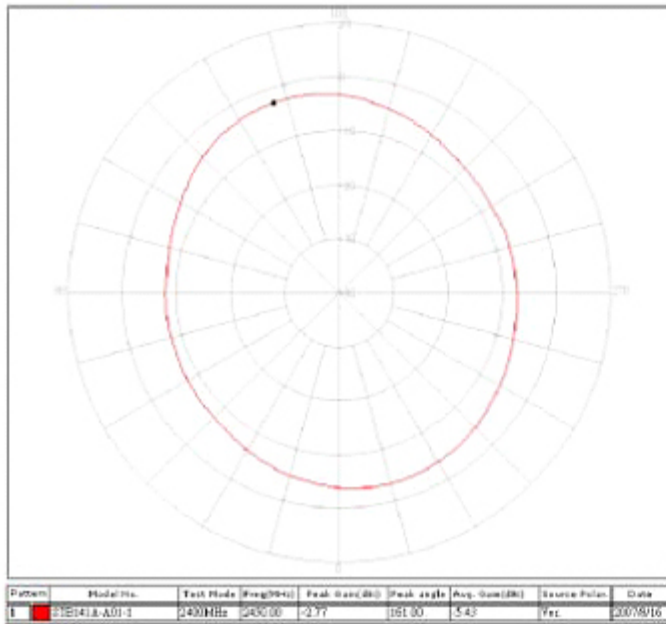
Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	08/10/99
				Checked	Lizzy	08/10/99
				Drawn	Tina	08/10/99
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		



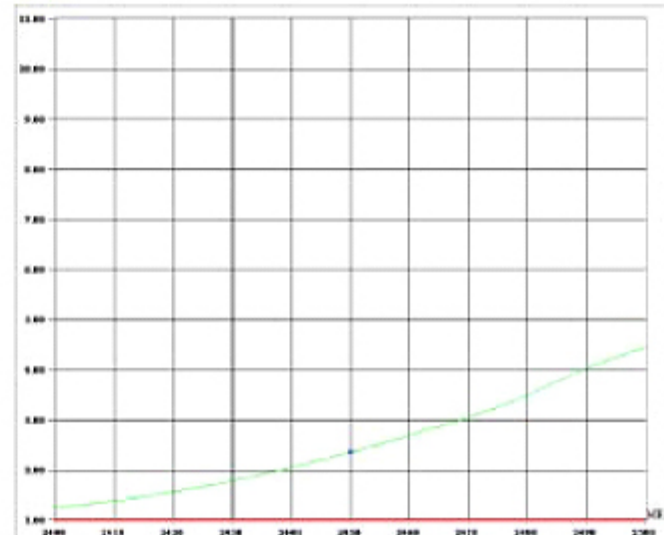
(1) Polar : H-plane
 Freq.(MHz) : 2450
 Peak Gain (dBi) : -2.77
 Peak angle : 161.00
 Avg. Gain(dBi) : -5.43

Freq.(MHz)	2450MHz
Band	2400 MHz
	2.36

Antenna Pattern & EIRP Measurement



VSWR Measurement



Freq(MHz)	VSWR(V)
2400	1.1

Model No.: 21B141A-A01-1

Test Mode: 2400MHz

Test date: 2007/01/17

at 7M0143

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date	Roving Networks	
				Approved	Howard	08/10/99		
				Checked	Lizzy	08/10/99	Part No.: RN-SMA-S	
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