

**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

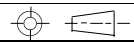
RoHS compliant

**Roving Networks**

**Part No.: RN-SMA-S**

Description: Miniature RF antenna with SMA connector

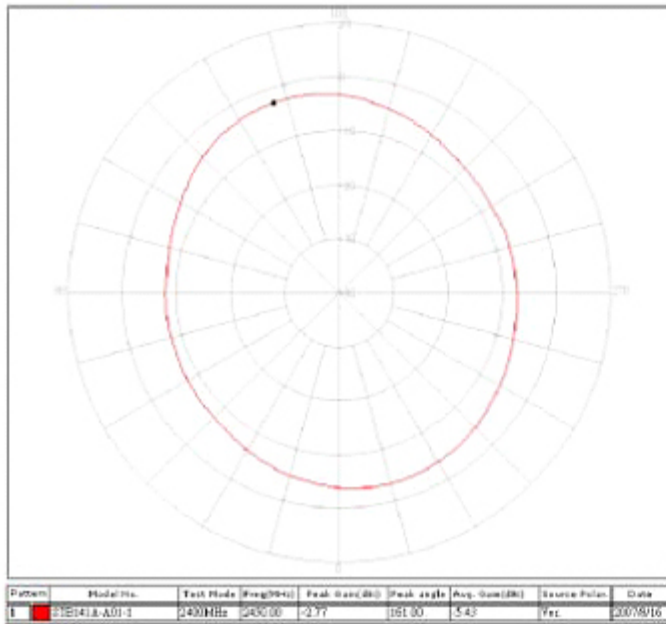
Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	08/10/99
				Checked	Lizzy	08/10/99
				Drawn	Tina	08/10/99
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		



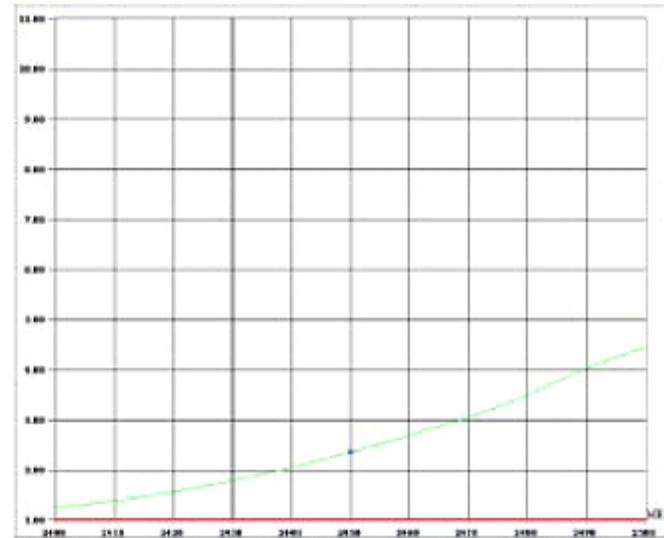
(1) Polar : H-plane  
 Freq.(MHz) : 2450  
 Peak Gain (dBi) : -2.77  
 Peak angle : 161.00  
 Avg. Gain(dBi) : -5.43

Freq.(MHz)	2450MHz
Band	2400 MHz
	2.36

Antenna Pattern & EIRP Measurement



VSWR Measurement



Freq(MHz)	VSWR(V)
2400	2.36

Model No.: STB141A-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		
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