

**SPECIFICATIONS**

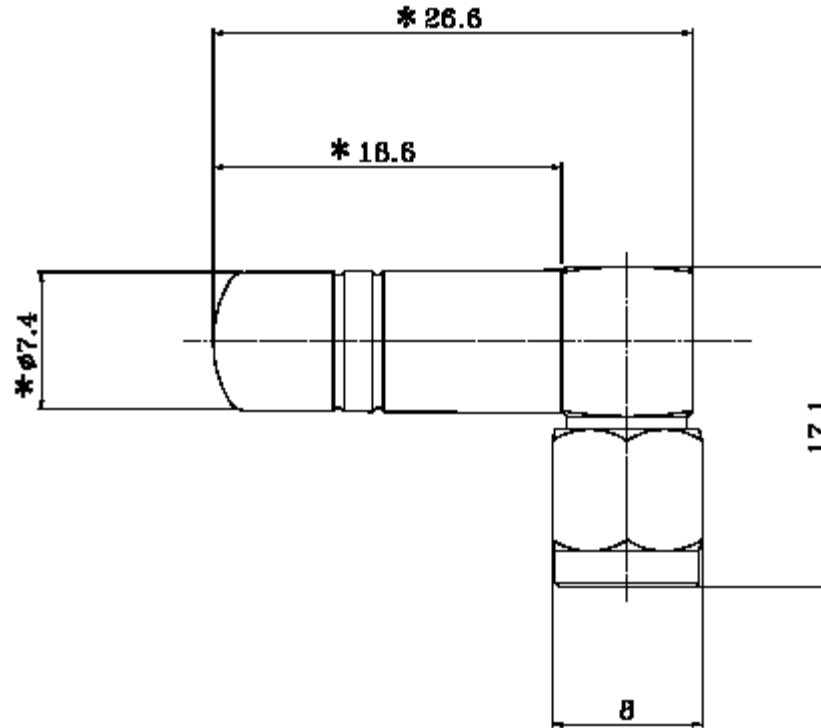
Antenna Type: Monopole Antenna  
 Frequency Range: 2.45GHz±50MHz  
 Impedance: 50 Ohms  
 Gain: <2.0 dBi  
 VSWR: ≤ 2.0  
 Admitted Power Radiation: 3W  
 Type Of Radiation: Omni  
 Polarization: Vertical  
 Electrical Length: 1/4λ  
 Standard Connector: SMA R/A (Male Reverse)

**ANTENNA COVER**

Material: PU  
 Finish: Black

**CONNECTOR (sma)**

Material: Brass  
 Finish: Gold



RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	01/11/97
				Checked	Lizzy	01/11/97
				Drawn	Tina	01/11/97
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

**Central Components Manufacturing**  
 440 Lincoln Blvd., Middlesex, New Jersey 08846  
 Phone 732 469-5720 888 288-5152 Fax 732 469-1919

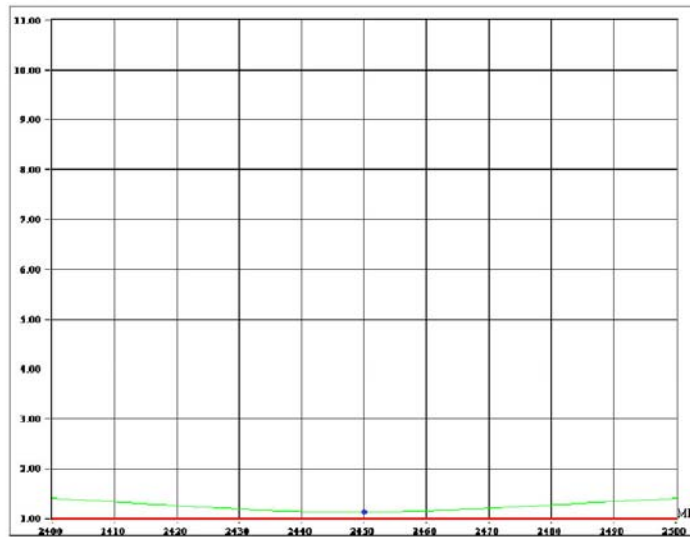
Part No.: **ANT-STB143-A01-0-080111**

2.45GHz Antenna

# VSWR

Band	Freq.(MHz)	2450MHz
GSM 2450		1.13

## VSWR Measurement




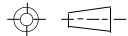
	Freq(MHz)	VSWR(U)
1	2450.00	1.13

Model No.: STB143-A01-0

Test Mode: 2400MHz

Test date: 2005/9/26

at AM 11:17

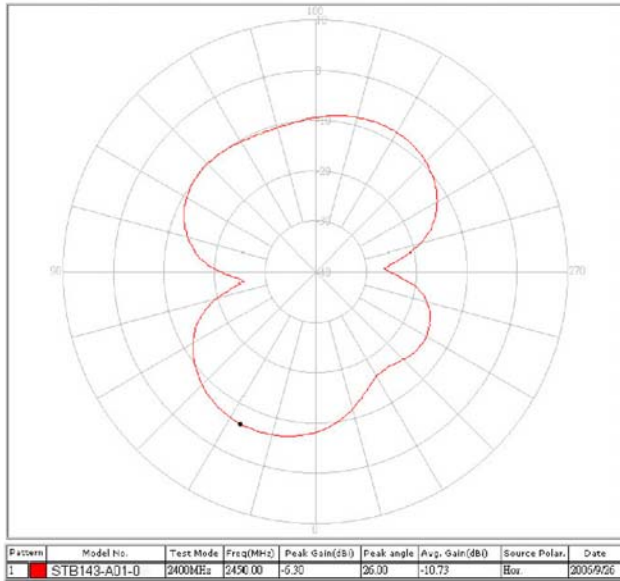
Rev.	Description	Date	Approved	Drawing	Name	Date	 <b>Central Components Manufacturing</b> 440 Lincoln Blvd., Middlesex, New Jersey 08846 Phone 732 469-5720 888 288-5152 Fax 732 469-1919 Part No.: <b>ANT-STB143-A01-0-080111</b> 2.45GHz Antenna
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				Drawn	Tina	01/11/97	
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'	
					UNIT: mm		

# Pattern

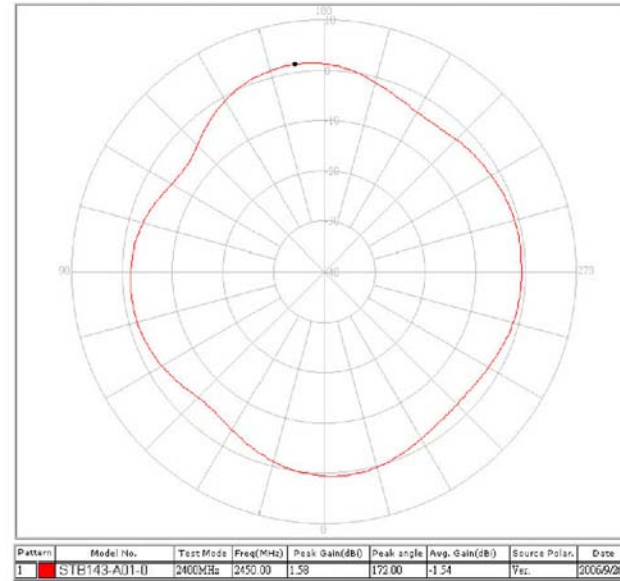
(1) Polar : E-plane  
 Freq.(MHz) : 2450  
 Peak Gain (dBi) : -6.30  
 Peak angle : 26.00  
 Avg. Gain(dBi) : -10.73

(2) Polar : H-plane  
 Freq.(MHz) : 2450  
 Peak Gain (dBi) : 1.58  
 Peak angle : 172.00  
 Avg. Gain(dBi) : -1.54

Antenna Pattern & EIRP Measurement



Antenna Pattern & EIRP Measurement



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