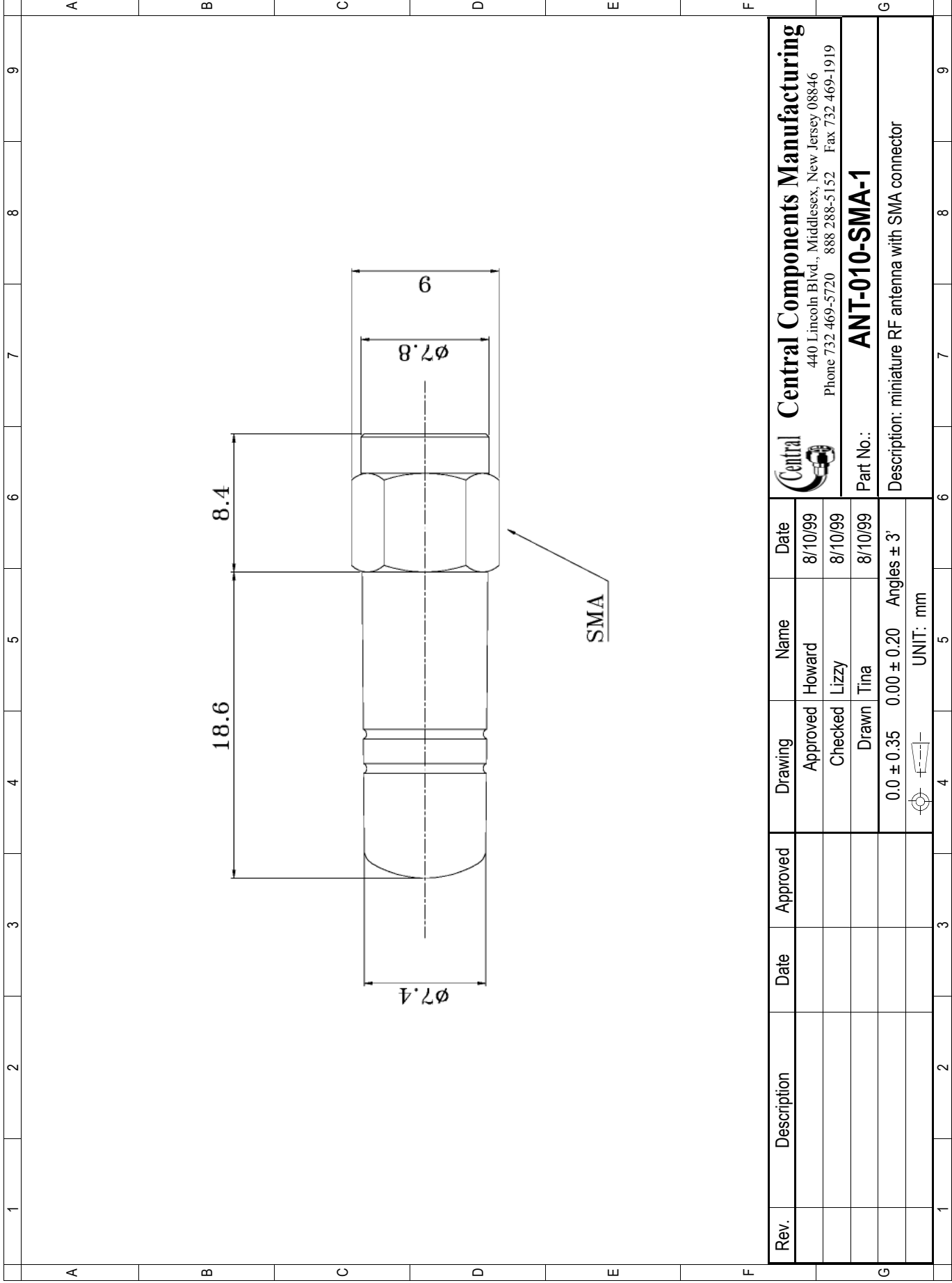


Central Components Manufacturing

DATA SHEET

Part Number: ANT-010-SMA-1

Central Components Manufacturing
440 Lincoln Blvd.
Middlesex, New Jersey 08846
732-469-5720



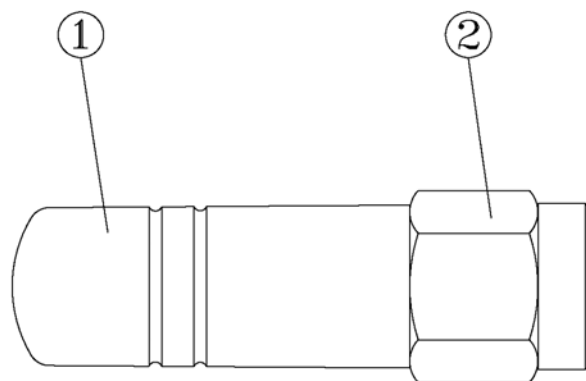
ELECTRICAL SPECIFICATION

1. ANTENNA TYPE : Monopole Antenna
2. FREQUENCY RANGE : 2.4GHz~2.5GHz
3. IMPEDANCE : 50 Ohms
4. GAIN : < 0 dBi
5. VSWR : ≤ 2.0
6. ADMITTED POWER RADIATION: 3W
7. TYPE OF RADIATION : Omni
8. ELECTRICAL LENGTH : $1/4 \lambda$
9. STANDARD CONNECTOR : SMA (Male)

MECHANICAL SPECIFICATION

1. MECHANISM

	Description	Material	Treatment
①	Antenna Cover	PU	Black
②	Connector (SMA)	Bress	Golden



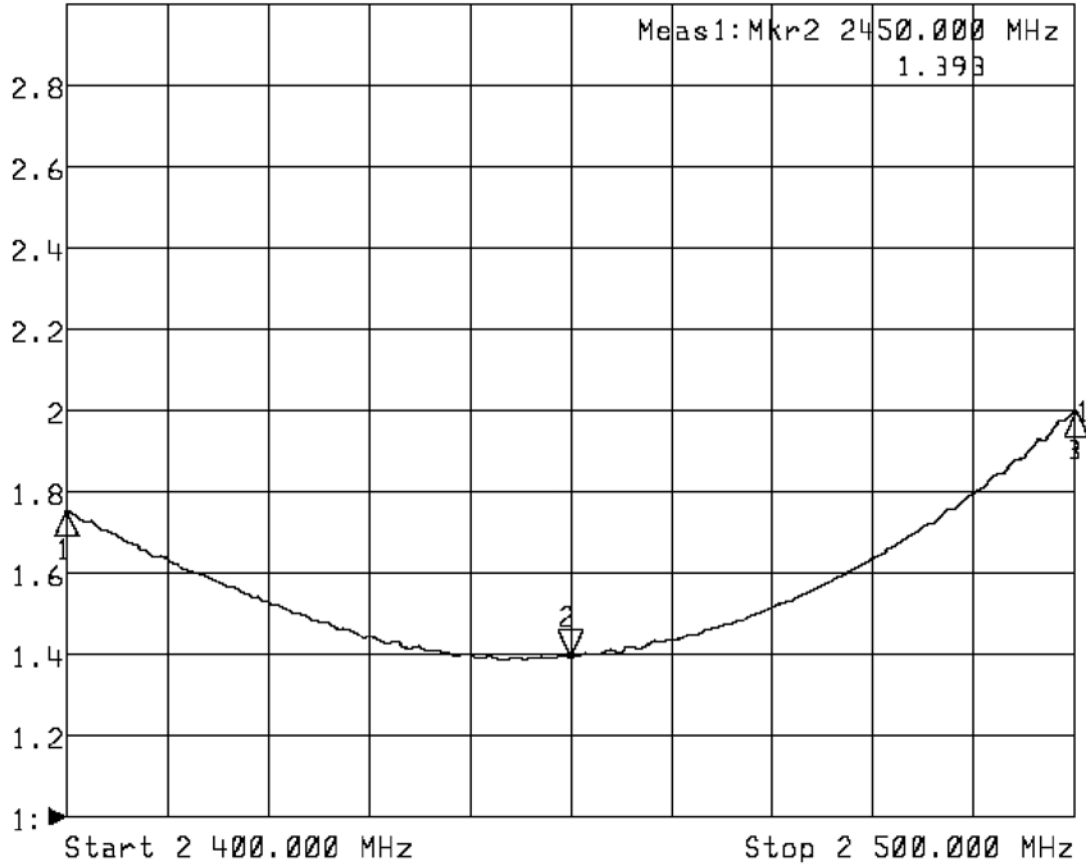
2. TEMPERATURE

Operation Temperature : $-20^{\circ}\text{c} \sim +65^{\circ}\text{c}$

Storage Temperature : $-30^{\circ}\text{c} \sim +75^{\circ}\text{c}$

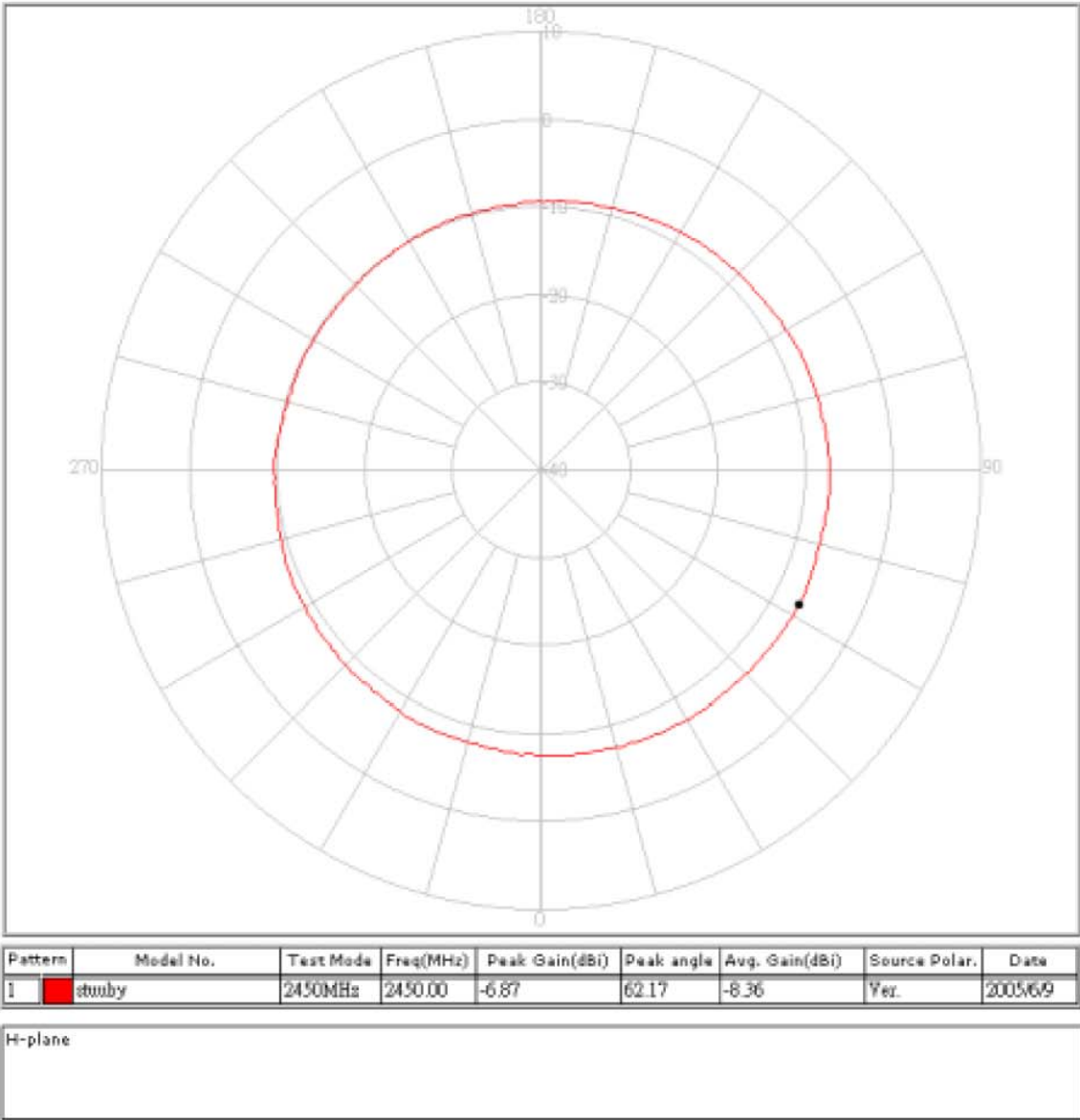
►1:S11 Refl Port1/M SWR 0.2 / Ref 1.000 C?

►2:Off

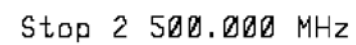


1:Mkr (MHz)	2:Mkr (MHz)	dB
1: 2400.0000	1.757	
2> 2450.0000	1.393	
3: 2500.0000	1.999	

Antenna Pattern & EIRP Measurement



C?



1: Mkr (MHz)	Ohm	Ohm	2: Mkr (MHz)	dB
1: 2400.000	24.84	-19.54		
2> 2450.000	65.20	-8.076		
3: 2500.000	88.13	34.31		