

868Mhz Antenna

MODEL: TH-868F



1. GENERAL DESCRIPTION

Model No
TH-868F-SMA(M)

1.1 Electrical Properties

Parameter	Description
Frequency Band	850~900MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

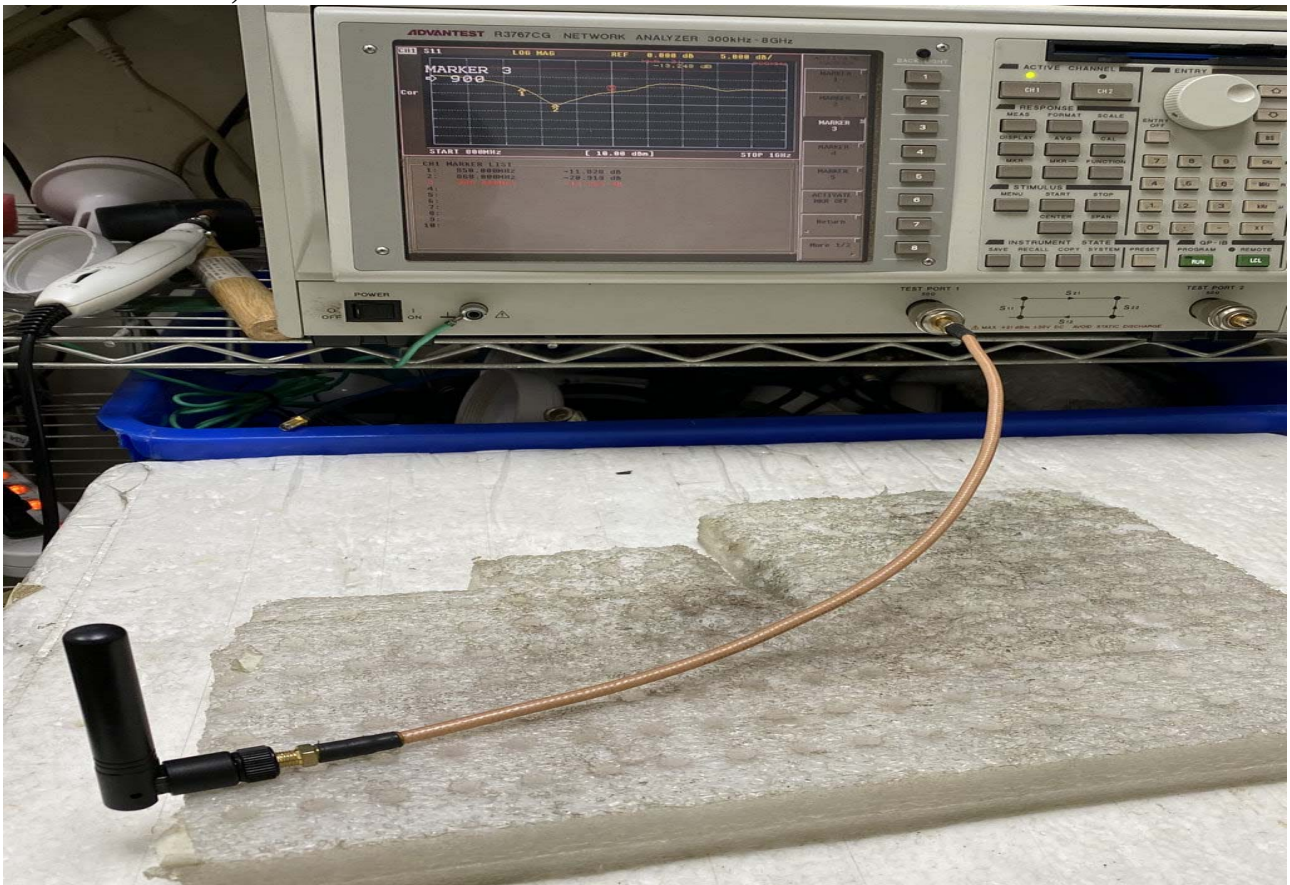
1.2 Mechanical Properties

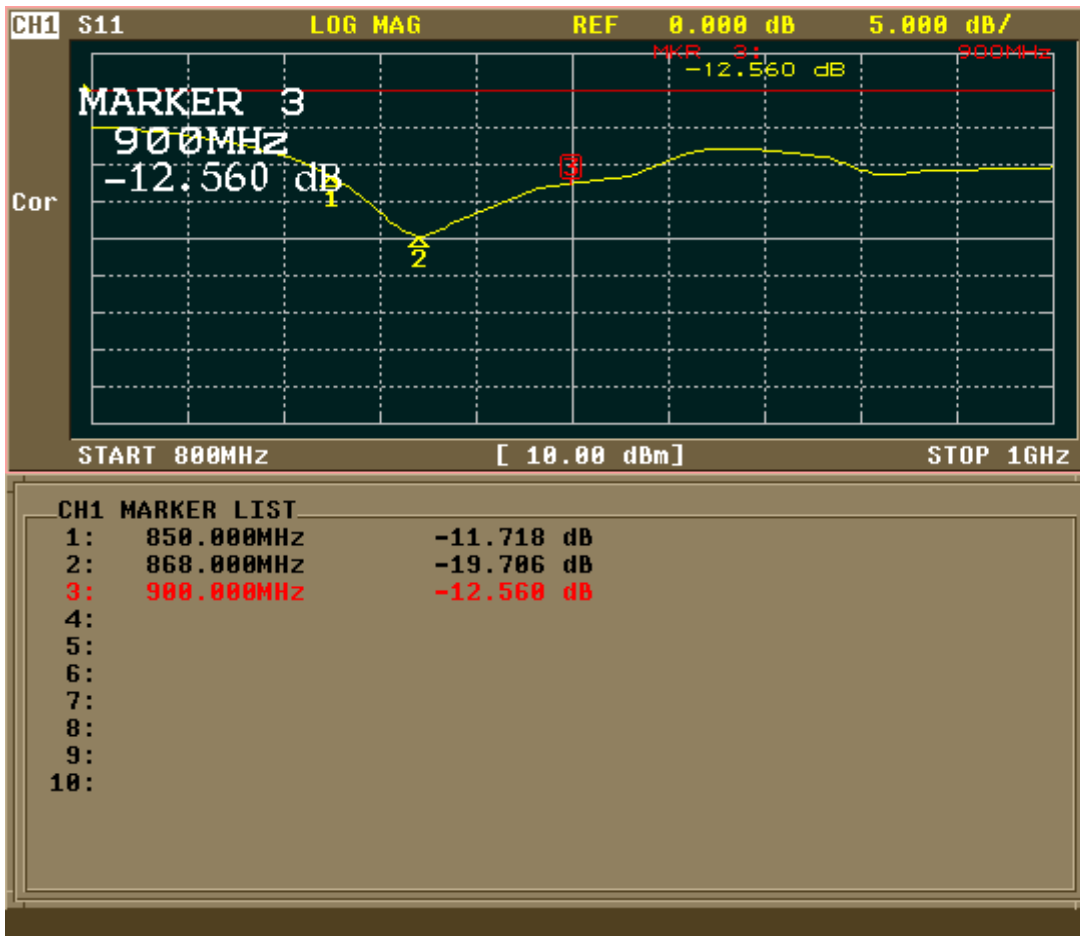
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA(M)
Antenna Dimensions	OD12.5 x 102.2 mm \pm 3
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

2. Appearance



3. Return Loss, V.S.W.R. and Smith Chart





ACTIVATE MARKER

MARKER 1

MARKER 2

MARKER 3

MARKER 4

MARKER 5

ACTIVATE MKR OFF

Return

More 1/2



FORMAT

SWR

REAL

IMAG

PHASE -∞, +∞

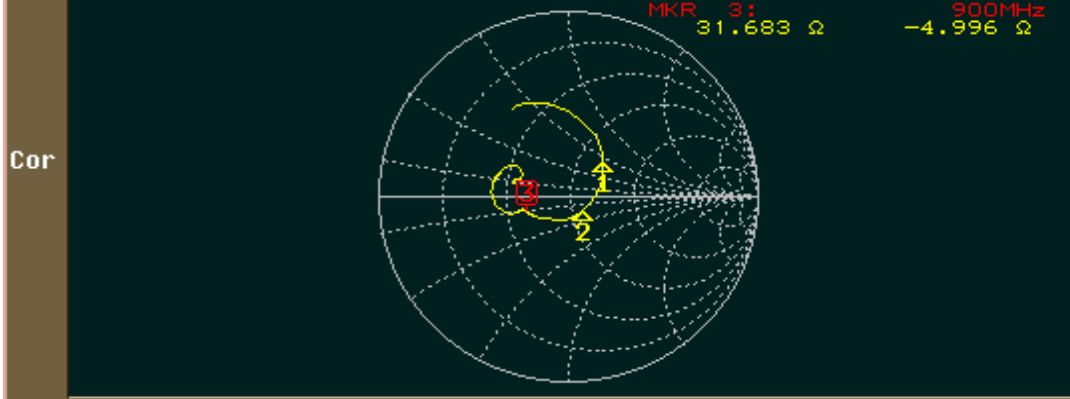
LOG MAG & PHASE

LOG MAG & DELAY

LIN MAG & PHASE

More 2/2

CH1 S11 SMITH(R+jX) FS 1.000



FORMAT

- LOG MAG
- PHASE
- DELAY
- SMITH (R+jX)
- SMITH (G+jB)
- POLAR
- LIN MAG
- More 1/2

START 800MHz [10.00 dBm] STOP 1GHz

CH1 MARKER LIST

Marker	Frequency (MHz)	Real (Ω)	Imaginary (Ω)	Component
1:	850.000MHz	65.950	26.675	4.994nH
2:	868.000MHz	57.273	-8.579	21.371pF
3:	900.000MHz	31.683	-4.996	35.393pF
4:				
5:				
6:				
7:				
8:				
9:				
10:				