

SPECIFICATION

Part No. : **TI.09.0111**

Product Name : 0dBi 915MHz ISM Band Straight Dipole
Terminal Antenna, SMA(M) Straight

Feature : High efficiency dipole terminal antenna
RoHS compliant



Version	Date	Page	Revision Description	Prepared	Approved
A	Apr 9 rd 2009	All	New Product	TW Product Centre	Zita Lin

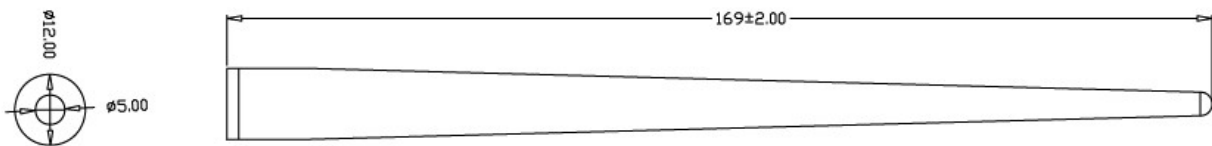


Specification

I. Specification

Frequency (MHz)	915MHz
Peak Gain	0dBi
VSWR	max 1.1: 1
Impedance	50 Ohm
Radiation Pattern	Omni-directional
Polarization	Vertical
Power Handling	Max. 10Watt
Antenna Length	169 ± 2mm
Connector	SMA (male)
Outer material	TPU
Operation Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +105°C

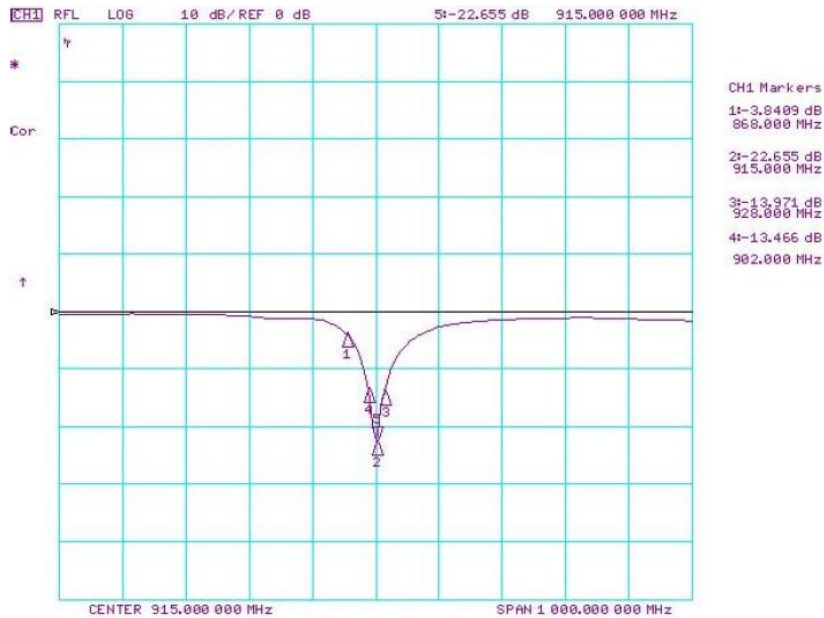
II. Mechanical Drawing



unit : mm

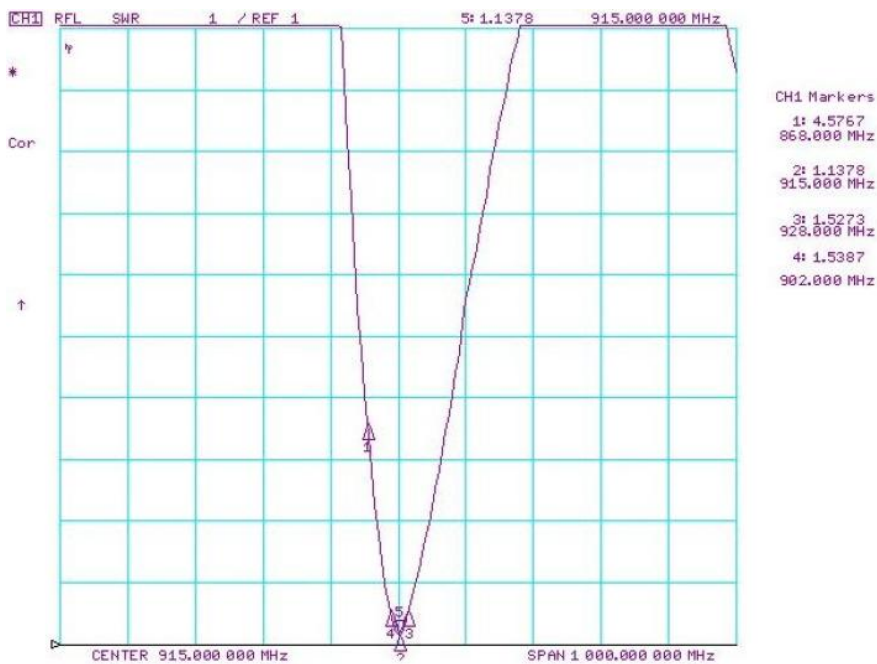
III. Electrical Property

III.1. Return Loss



-22.7dB return loss at 915MHz.

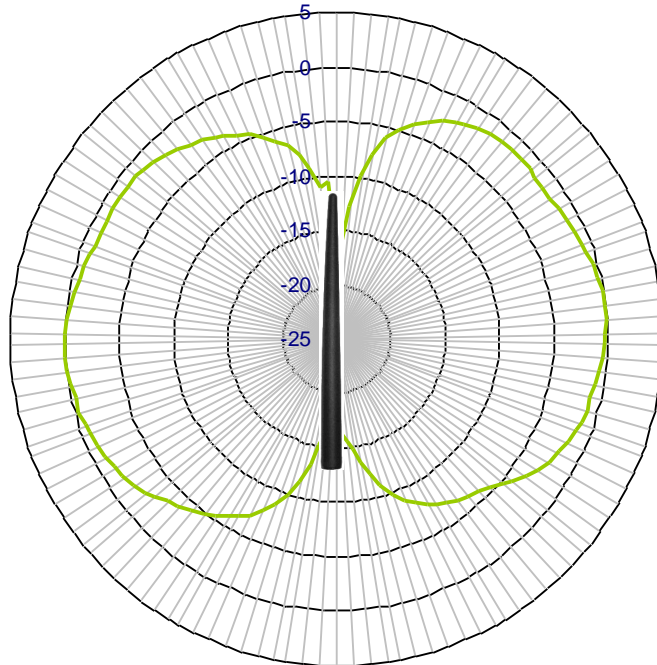
III.2. VSWR



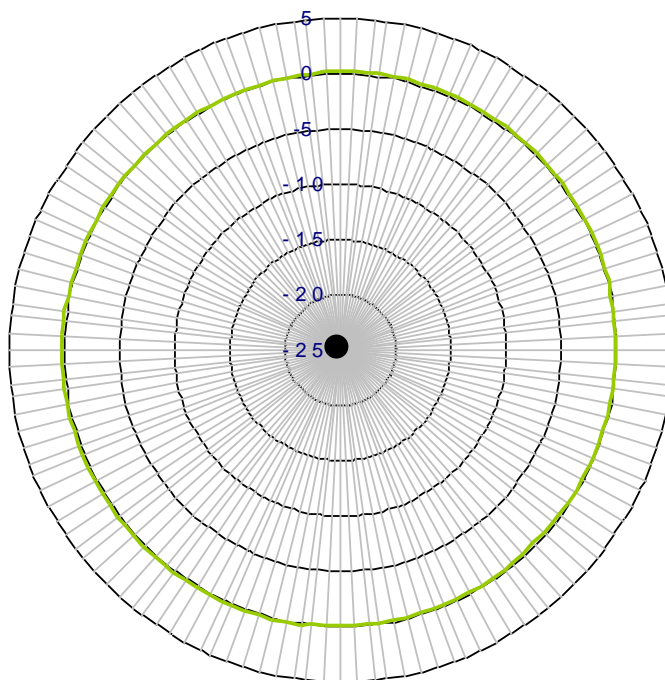
1.1 : 1 VSWR @ 915MHz



III.3. Radiation Pattern



E Field Radiation Pattern



H Field Radiation Pattern