



SWE017

PN: SW19047EB56

Features:

- Antenna for 868MHz.
- Small size.
- Impedance 50 Ohm.

Applications:

- Remote monitoring.
- Network Devices.
- Gateway.
- Router/CPE.
- Others.

1. Electrical Specifications

Standards	ISM-MHz
Frequency range (MHz)	868MHz
Peak Gain (dBi)	1.62
Average Gain (dB)	-3.57
VSWR	1.26
Return Loss	-18.91
Efficiency (%)	43.97%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	25

2. Mechanical and Environmental Specification

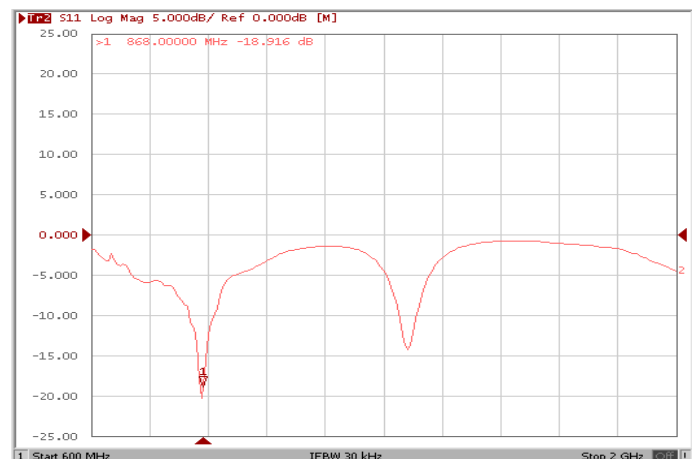
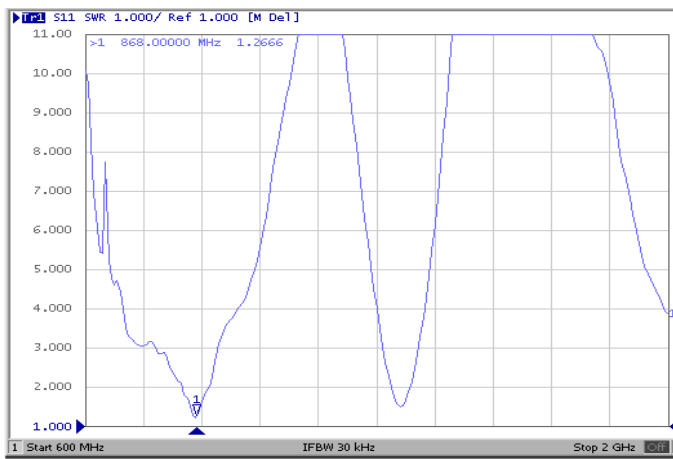
Mounting Type	Connector Mount
Connector Type	SMA
Antenna size(mm)	47.3mm* ϕ 8.5mm
Material	ABS
Operating Temperature (°C)	- 40 °C ~ + 85 °C
Storage Temperature(°C)	- 40 °C ~ + 85 °C

3. Antenna parameters

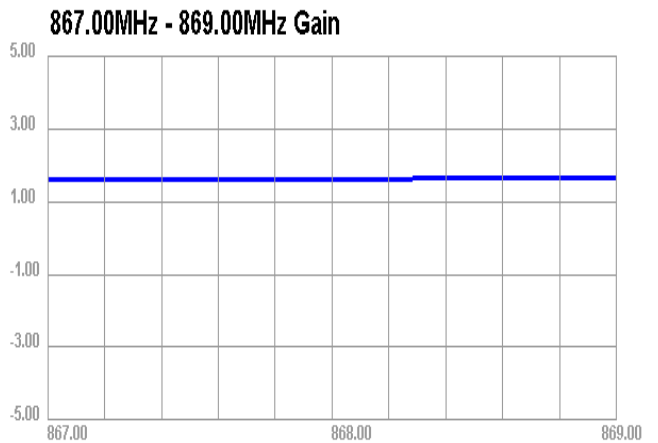
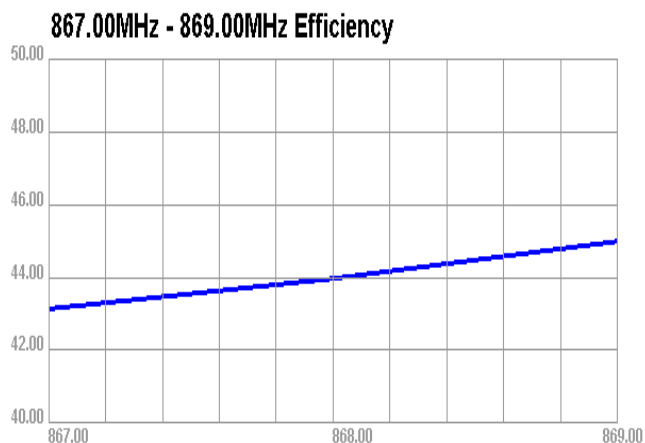
3.1 General Specification

FRE (MHz)	868
VSWR	1.26
Return Loss	-18.91
Eff (%)	43.97
Average Gain(dB)	-3.57

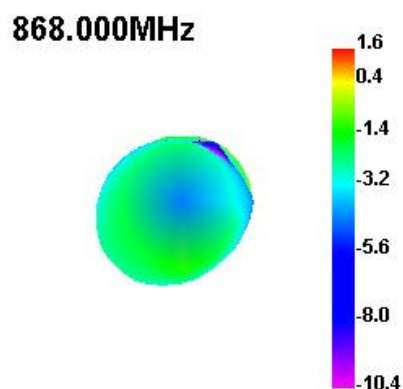
3.2 VSWR and Return Loss



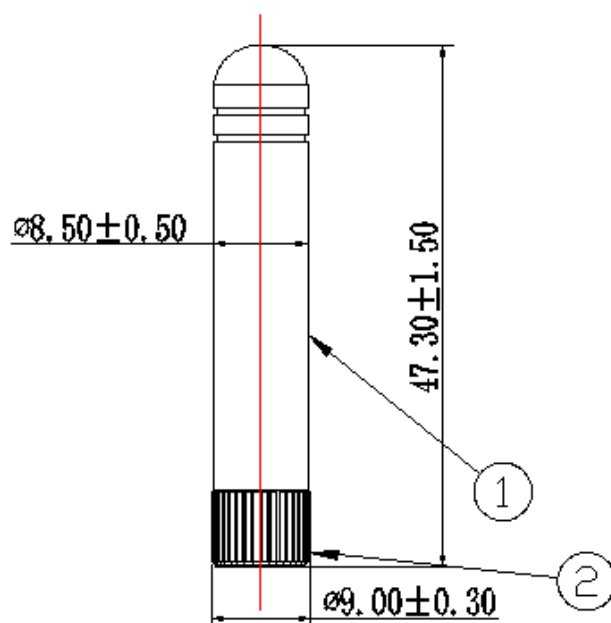
3.3 Efficiency and Gain



3.4 Directional pattern



4. Antenna Drawing



2	SMA	SMA-J	white	1
1	noumenon	ABS	black	1
Series	Component name	Specification	Color	Quantity