



SWE015

PN: SW19045EB56

Features

- Antenna for 433MHz.
- Impedance 50 Ohm.

Applications:

- Antenna for 433MHz applications.

1. Electrical Specification

Standards	ISM-433MHz
Frequency range (MHz)	433
Peak Gain (dBi)	-0.55
Average Gain (dB)	-3.39
VSWR	1.39
Return Loss	-15.73
Efficiency (%)	45.8%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	25

2. Mechanical and Environmental Specification

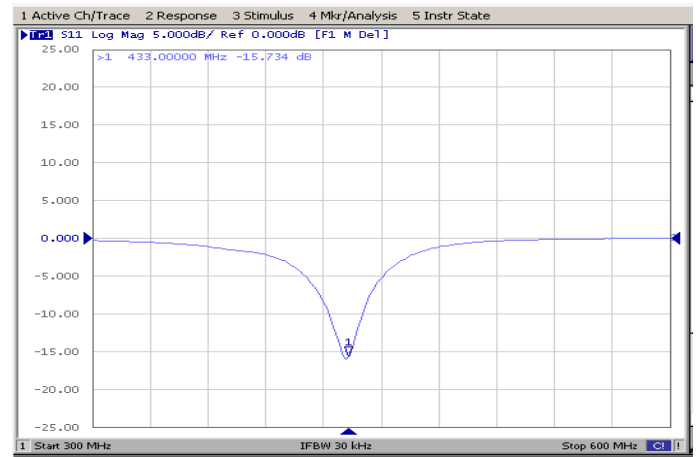
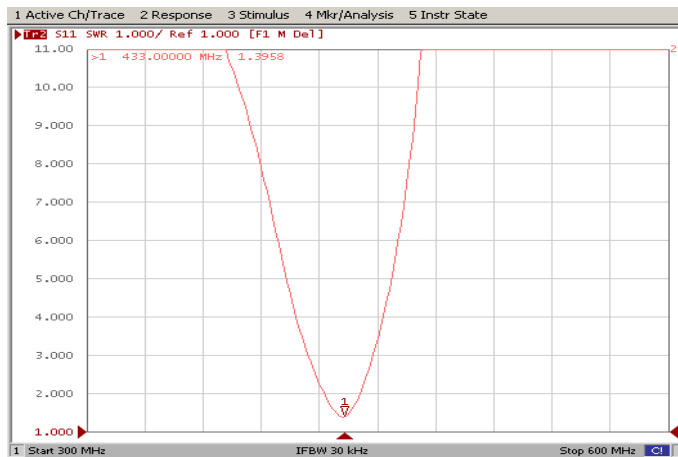
Mounting Type	Connector Mount
Connector Type	SMA
Antenna size(mm)	47.3mm* ϕ 8.5mm
Material	ABS
Operating Temperature (°C)	- 40 °C ~ + 85 °C
Storage Temperature(°C)	- 40 °C ~ + 85 °C

3. Antenna parameters

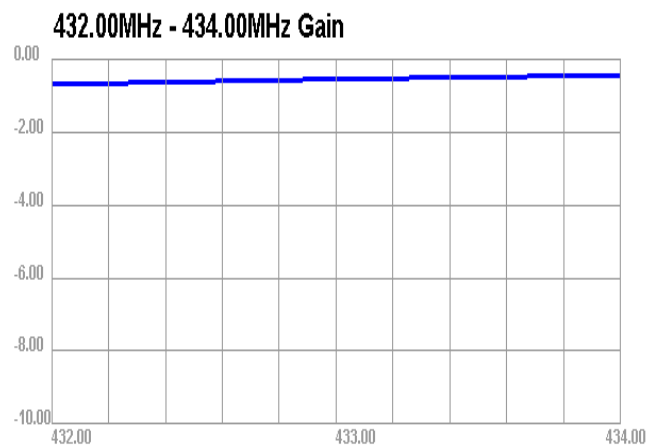
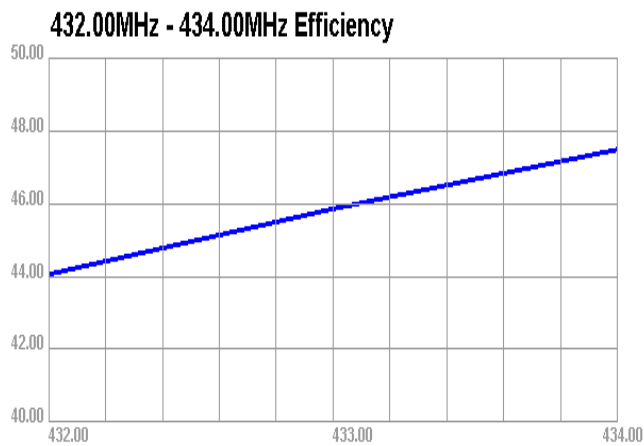
3.1 General Specification

FRE (MHz)	433
VSWR	1.39
Return Loss	-15.73
Eff (%)	45.86
Average Gain (dB)	-3.39

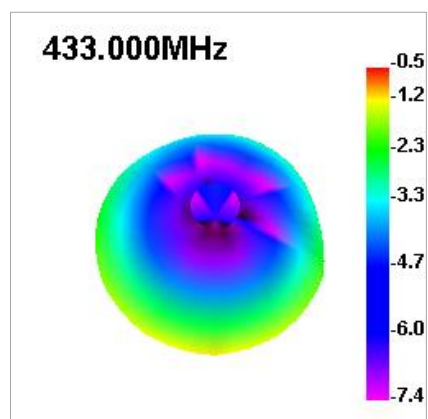
3.2 VSWR and Return Loss



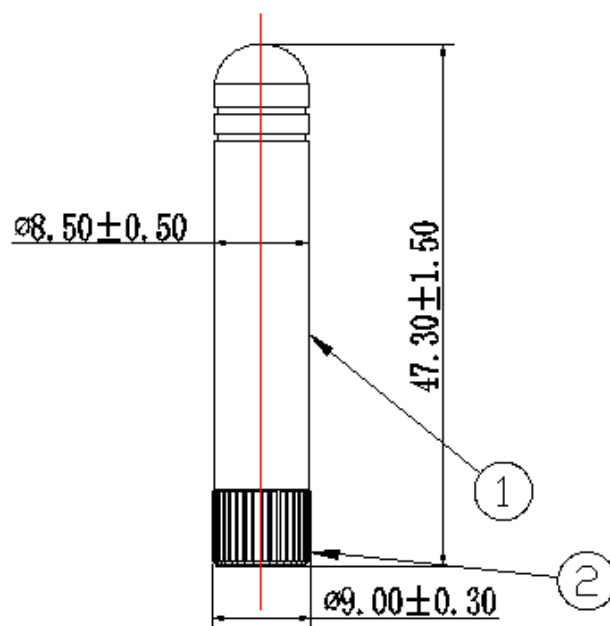
3.3 Efficiency and Gain



3.4 Direction Pattern



4. Antenna Drawing



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