SWE049

PN: SW20084EB56



Features

- Antenna for 433MHz
- Impedance 50 Ohm.

Applications:

- Antenna for 433MHz applications

Sunnyway Technology

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1. Electrical Specifications

Frequency range (MHz)	433
Peak Gain (dBi)	2.0
Average Gain (dB)	-4.0
VSWR	1.5
Return Loss	-15.0
Efficiency (%)	40.0
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	5

2. Mechanical and Environmental Specification

Mounting Type	Connector Mount
Connector Type	SMA (M)
Antenna size(mm)	41.3*φ11.0mm
Material	ABS
Operating Temperature (˚C)	- 40 ˚C ~ + 85 ˚C
Storage Temperature(˚C)	- 40 ˚C ~ + 85 ˚C
Weight(g)	About 6g

3. Antenna parameters

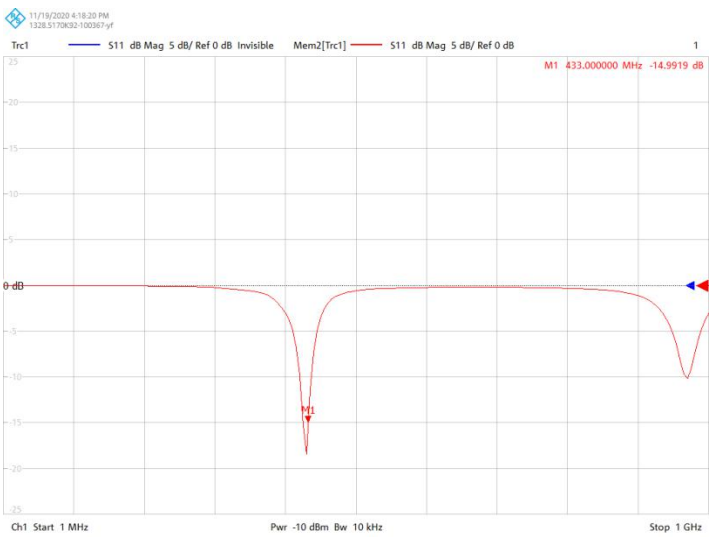
3.1 General Data

FRE (MHz)	433
VSWR	1.5
Return Loss	-15.0
Eff (%)	40.0
Average Gain(dB)	-4.0

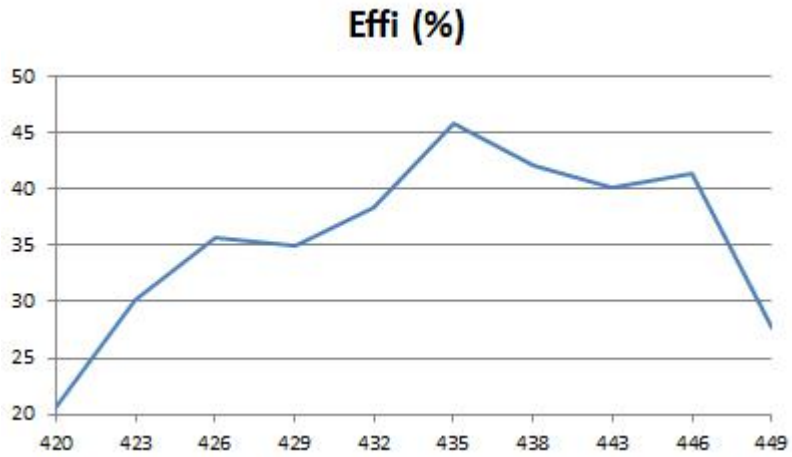
3.2 VSWR



3.3Return Loss



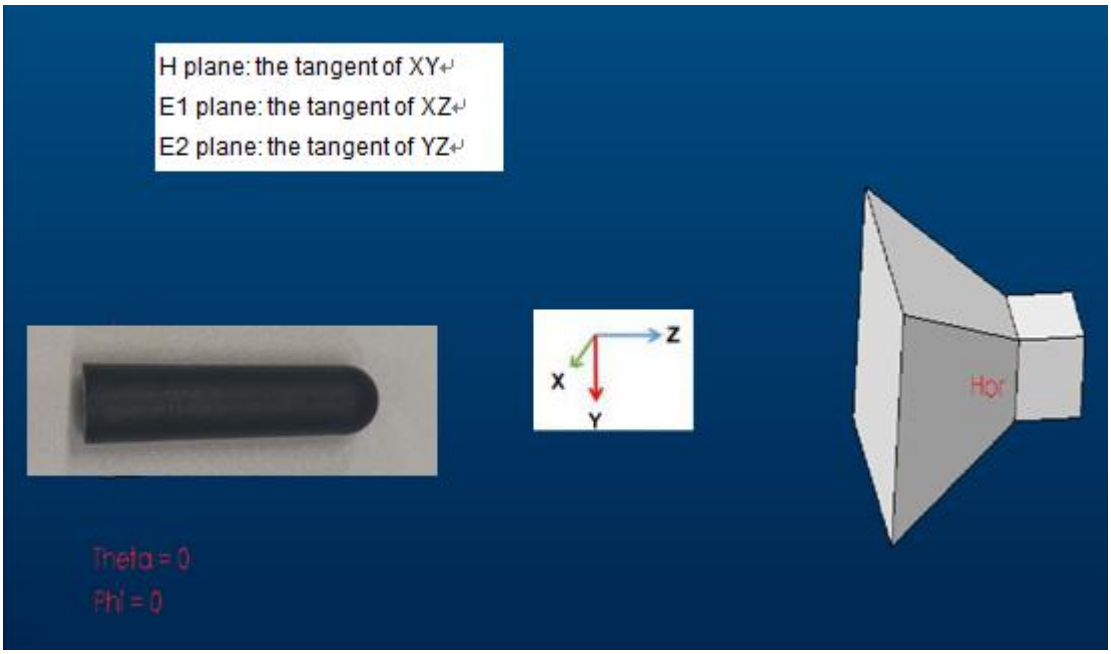
3.4 Efficiency

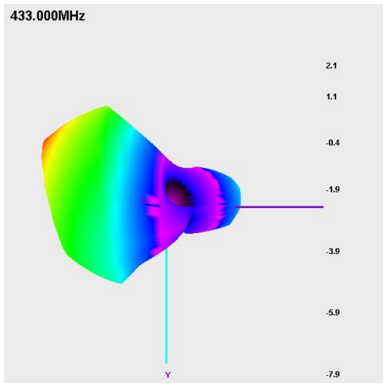


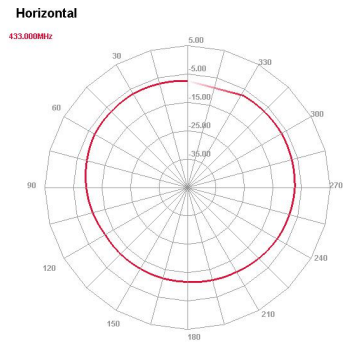
3.5 Gain

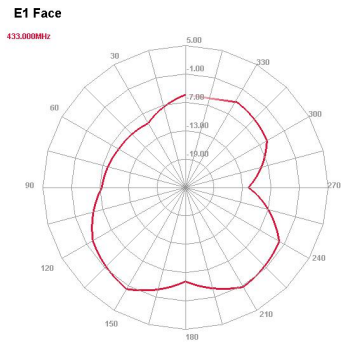


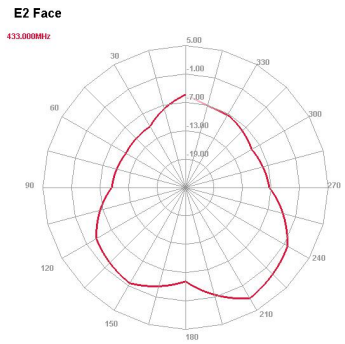
3.6 Directional Pattern



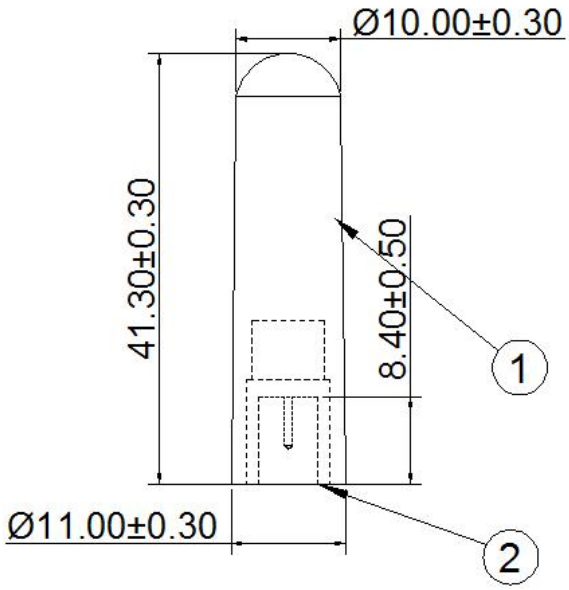








4. Antenna Drawings(Unit:mm)



Series	Component name	Specification	Color	Quantity
1	noumenon	ABS	black	1
2	SMA	SMA（M）	white	1