SUNNYWAY

SWE015

PN: SW19045EB56



Sunnyway Technology

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1. Electrical Specifications

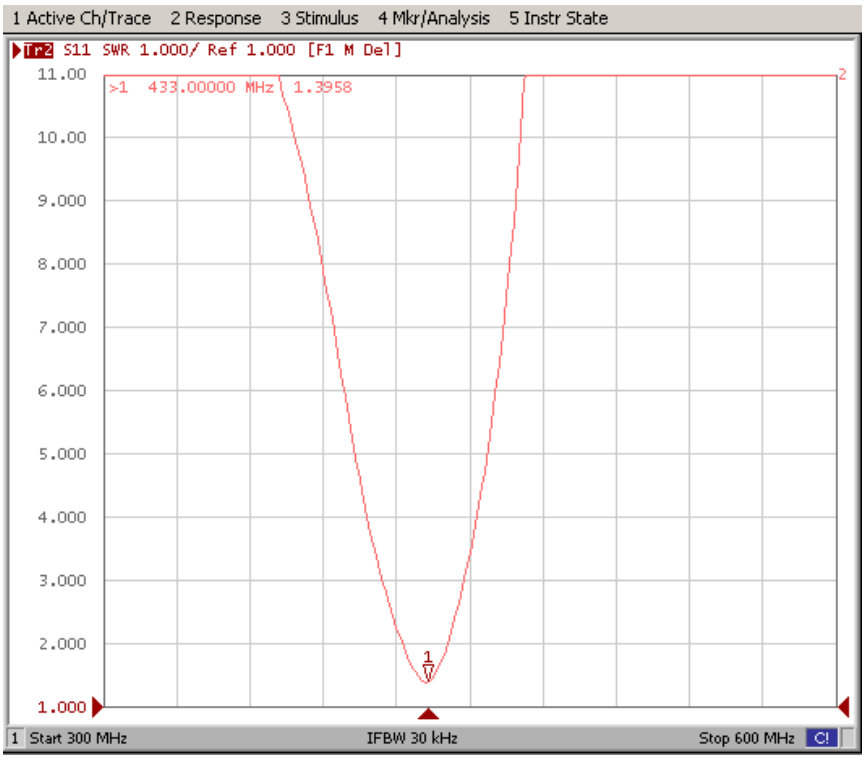
Standards	ISM-433MHz
Frequency range (MHz)	433MHz
Peak Gain (dBi)	-0.55dBi
Average Gain (dB)	-3.39dB
VSWR	1.39
Return Loss	-15.73
Efficiency (%)	45.8%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	25

2. Mechanical and Environmental Specification

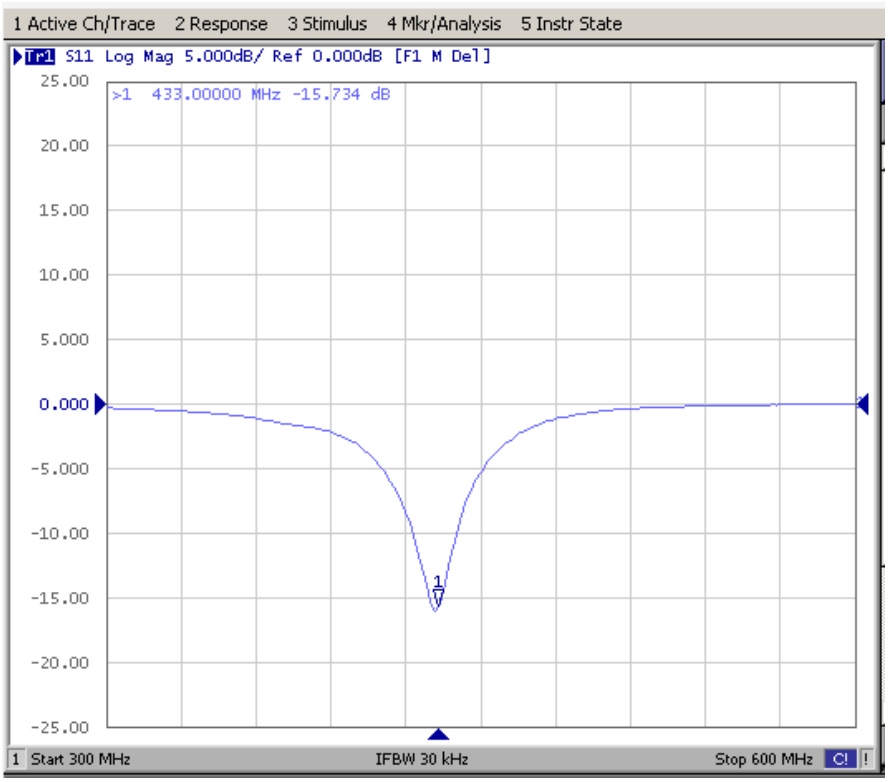
Mounting Type	Connector Mount
Connector Type	SMA
Antenna size(mm)	47.3mm*φ8.5mm
Material	ABS
Operating Temperature (˚C)	- 40 ˚C ~ + 85 ˚C
Storage Temperature(˚C)	- 40 ˚C ~ + 85 ˚C

3. Antenna parameters

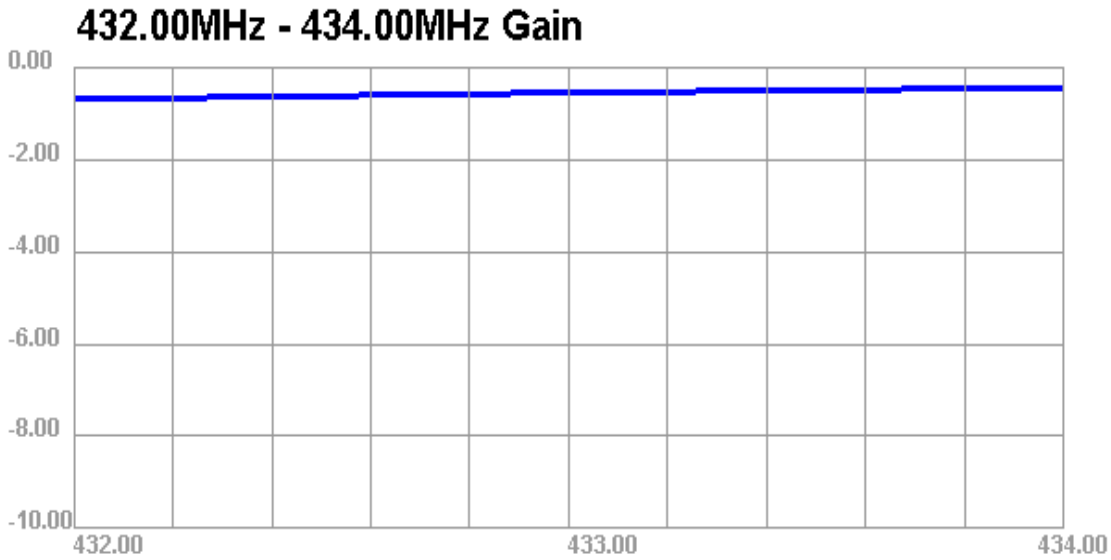
FRE（MHz）	433
VSWR	1.39
Return Loss	-15.73
Eff (%)	45.86
Average Gain (dB)	-3.39

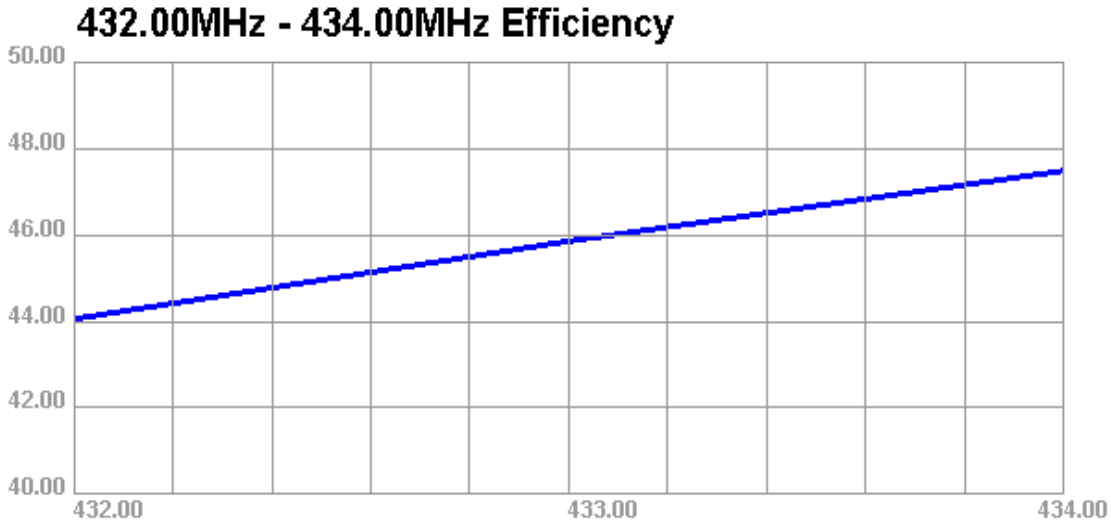


VSWR

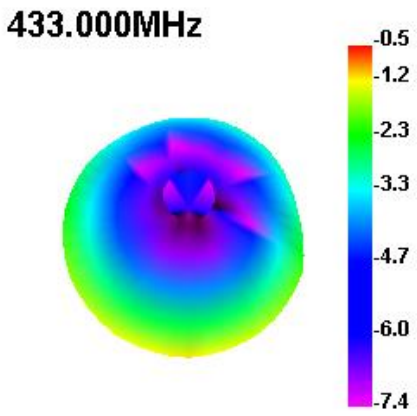


Return Loss

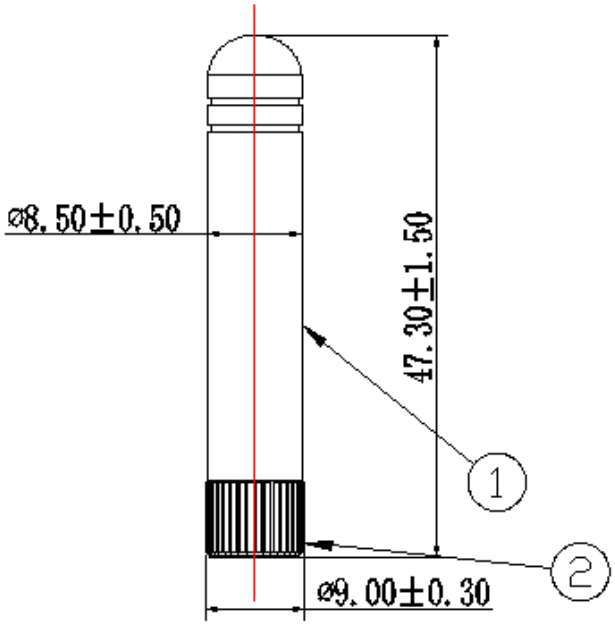




Direction Pattern



4. Antenna Drawings



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