



SWE004

PN: SW19034EB56



Sunnyway Technology

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1. Electrical Specifications

Frequency range (MHz)	433MHz
Peak Gain (dBi)	-1.3dBi
Average Gain (dB)	-3.6dB
VSWR	1.28
Return Loss	-18.0
Efficiency (%)	43.5%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	25

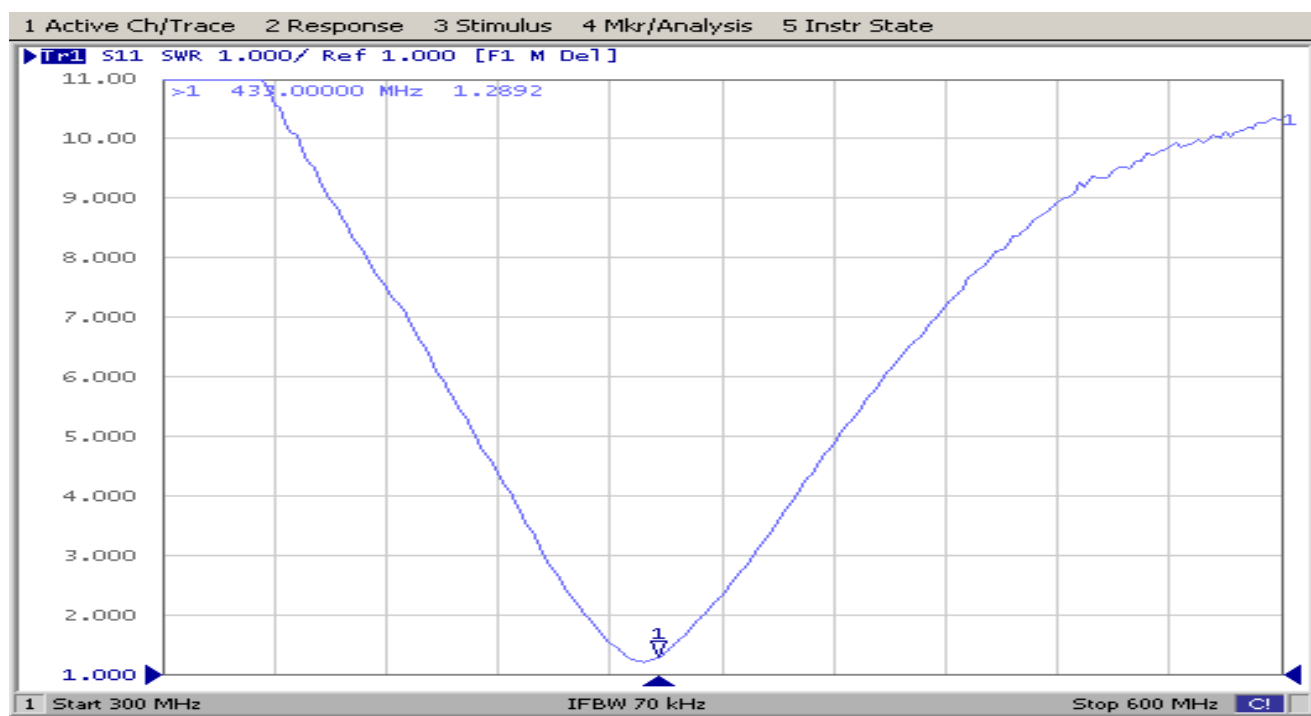
2. Mechanical and Environmental Specification

Mounting Type	Connector Mount
Connector Type	SMA
Antenna size(mm)	109mm* ϕ 10mm
Material	ABS
Operating Temperature (°C)	- 40 °C ~ + 85 °C
Storage Temperature(°C)	- 40 °C ~ + 85 °C

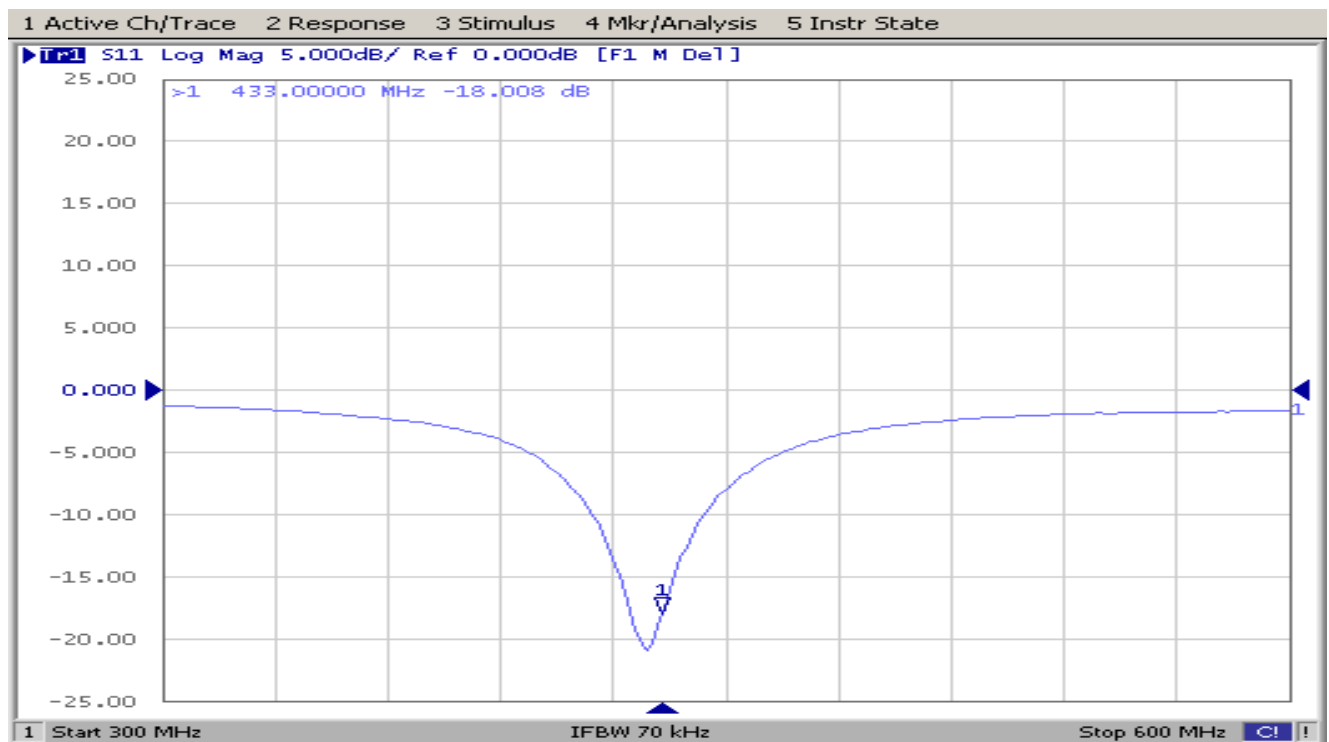


3. Antenna parameters

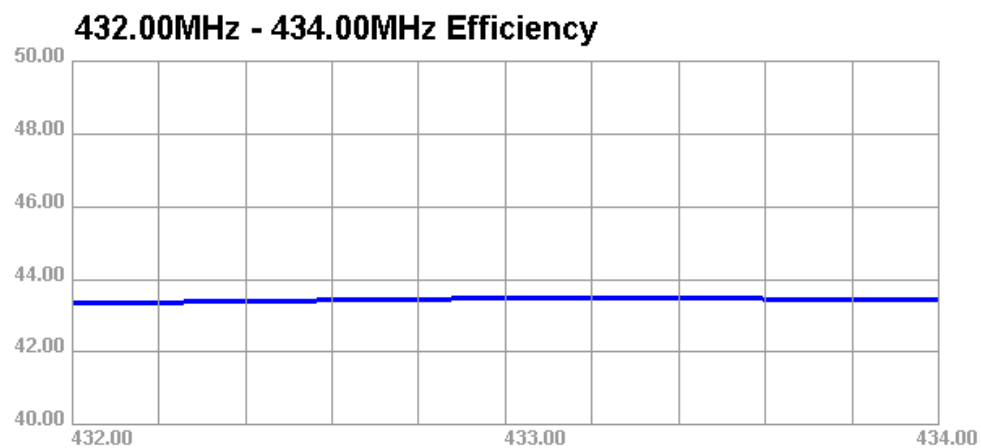
FRE (MHz)	433
VSWR	1.28
Return Loss	-18.0
Eff (%)	43.5
Average Gain(dB)	-3.6

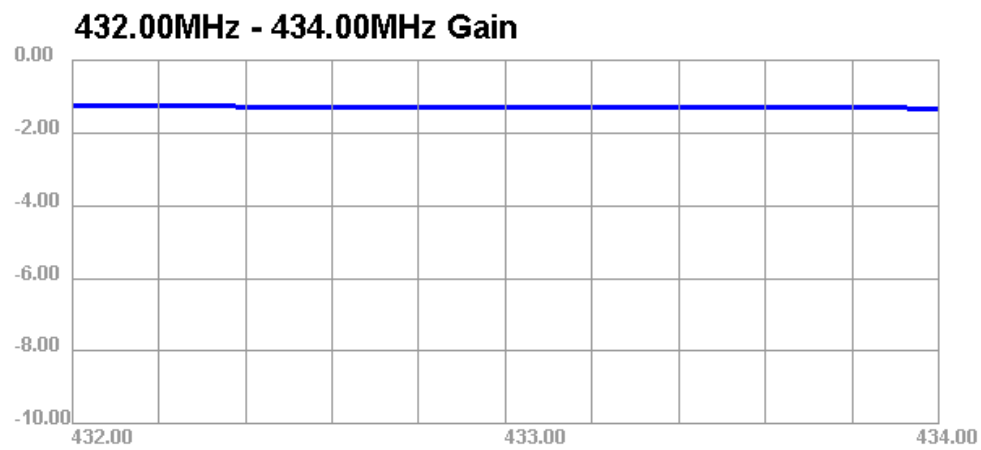


VSWR



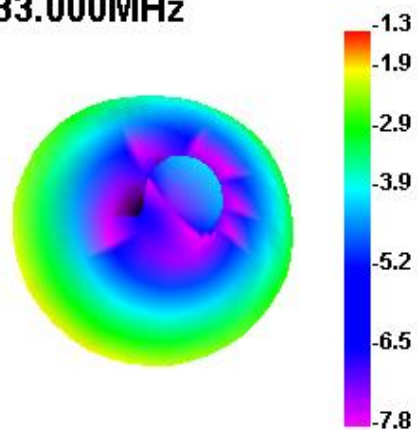
Return Loss





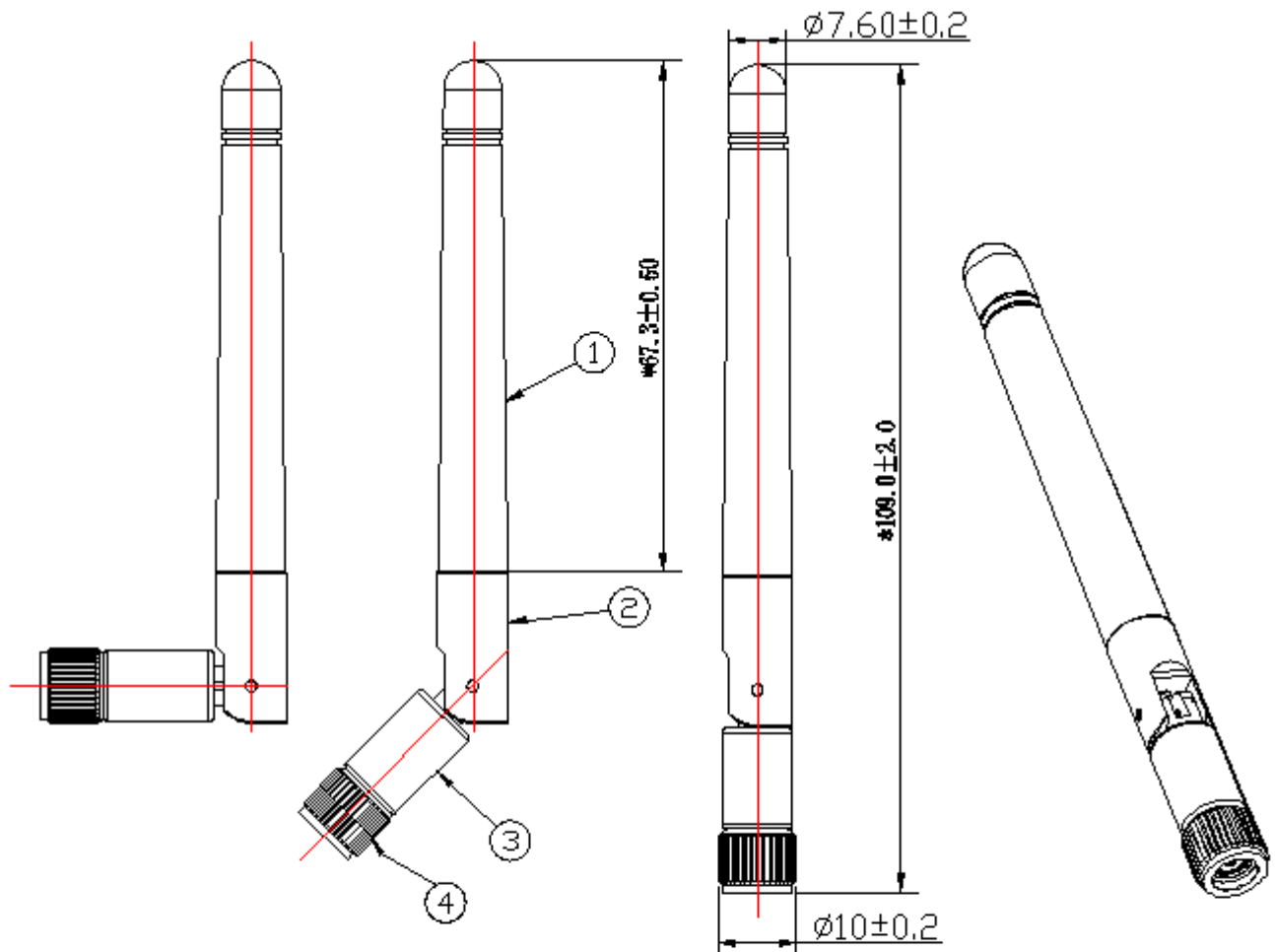
Directional pattern

433.000MHz





4. Antenna Drawings



4	SMA	SMA-J	black	1
3	Lower Firmware	ABS	black	1
2	Upper firmware	ABS	black	1
1	nomenclon	ABS	black	1
Series	Component name	Specification	Color	Quantity