



SWE023

PN: SW19066EB56



Sunnyway Technology

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1. Electrical Specifications

Frequency range	868MHz
Peak Gain(dBi)	1.62dBi
Average Gain(dBi)	-3.57dB
Polarization mode	Linear
VSWR	<1.26
Return Loss	<-18.9
Efficiency(%)	43.97%
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	25

2. Mechanical and Environmental Specification

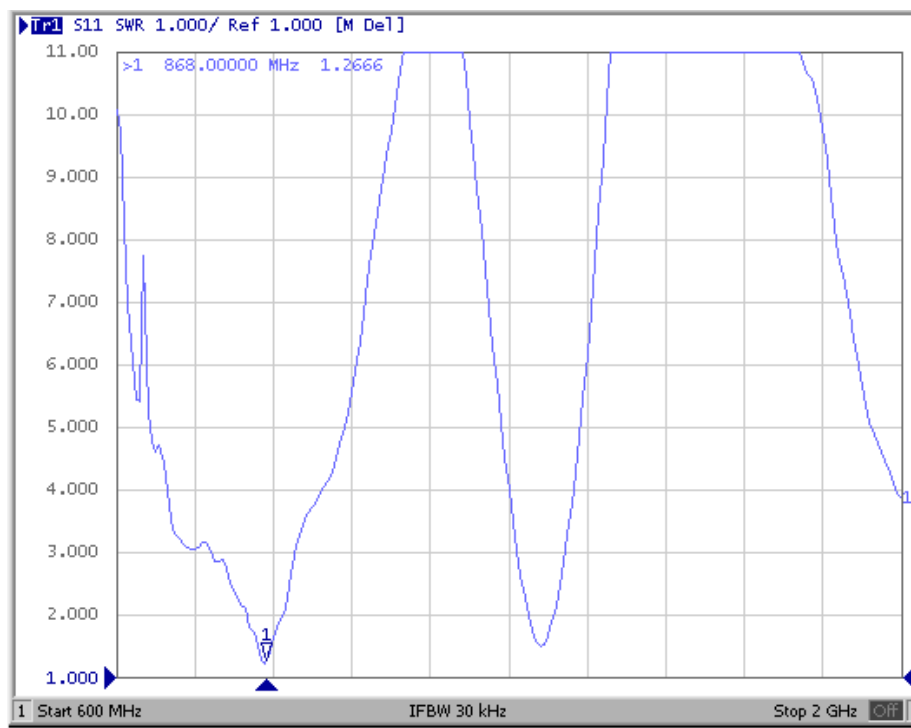
Mounting Type	Connector Mount
Connector Type	SMA
Antenna size(mm)	51.5X ϕ 8mm
Material	ABS
Operating Temperature (°C)	- 40 °C ~ + 85 °C
Storage Temperature(°C)	- 40 °C ~ + 85 °C



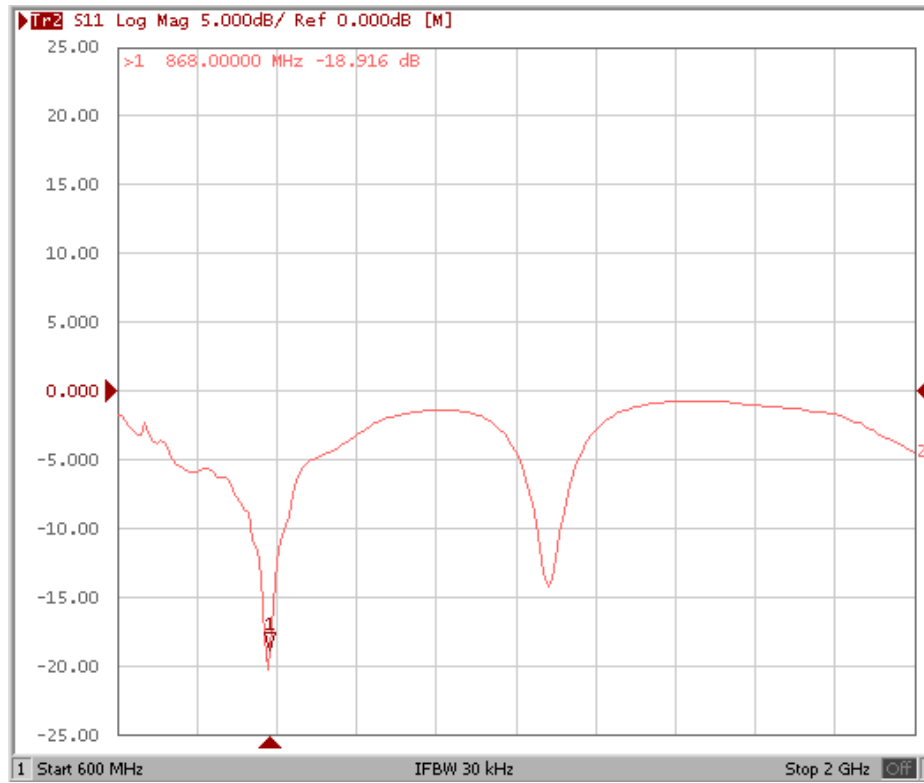
3. Antenna parameters

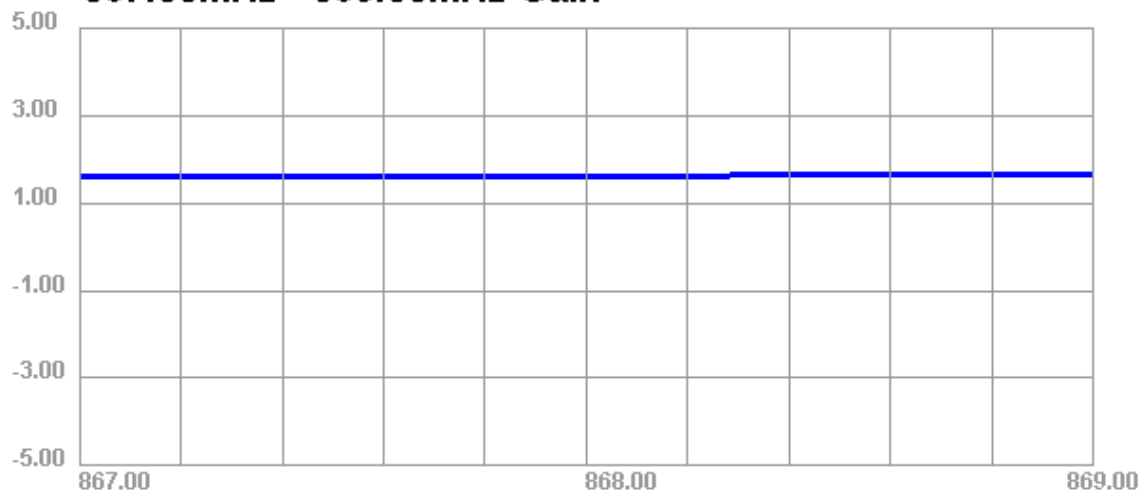
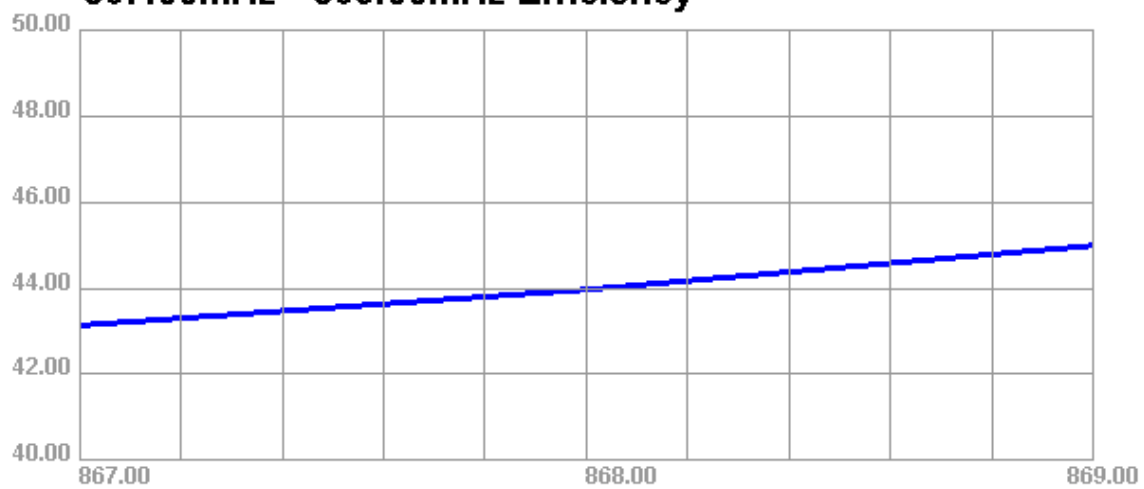
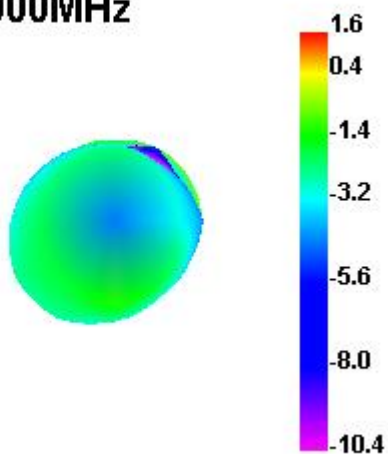
FRE (MHz)	868
VSWR	1.26
Returnn Loss	-18.91
Eff(%)	43.97
Average Gain(dB)	-3.57

VSWR



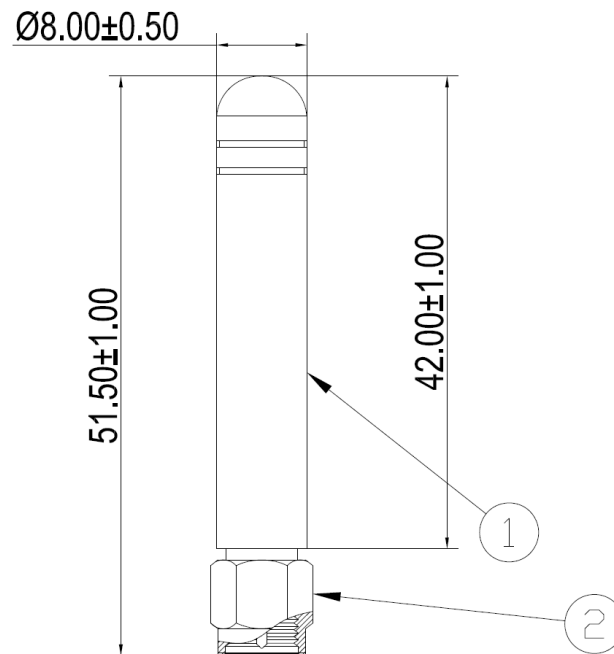
Return Loss



**867.00MHz - 869.00MHz Gain****867.00MHz - 869.00MHz Efficiency****Directional pattern****868.000MHz**



4. Antenna Drawings



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