



SUNNYWAY

SWS003

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Sunnyway Technology

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1. Electrical Specifications

Frequency range (MHz)	868MHz
Peak Gain (dBi)	2dBi
Average Gain (dB)	-1.18dB
VSWR	1.18
Return Loss	-22.26
Efficiency (%)	76.1%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	25

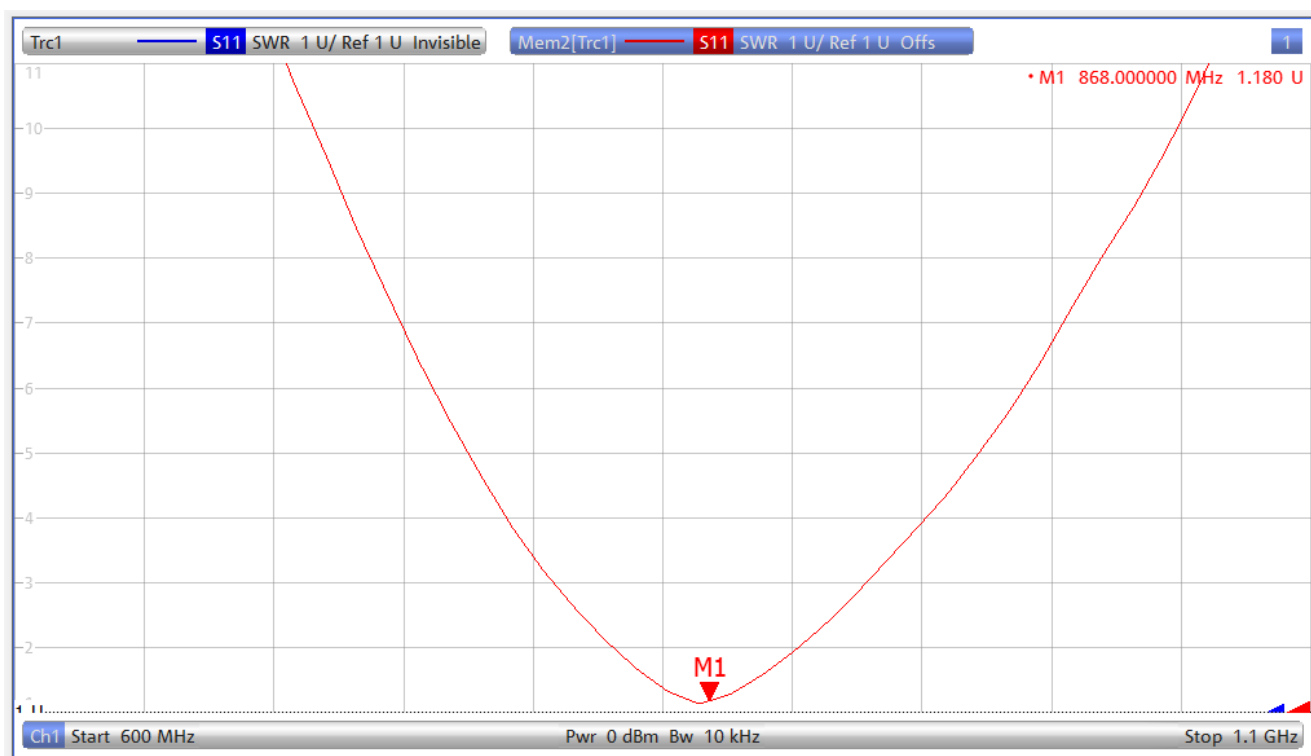
2. Mechanical and Environmental Specification

Mounting Type	Welding
Antenna size(mm)	ϕ 5.8x 29.19 (H)
Material	Spring
Operating Temperature (°C)	-40 °C ~ + 85 °C
Storage Temperature(°C)	-40 °C ~ + 85 °C

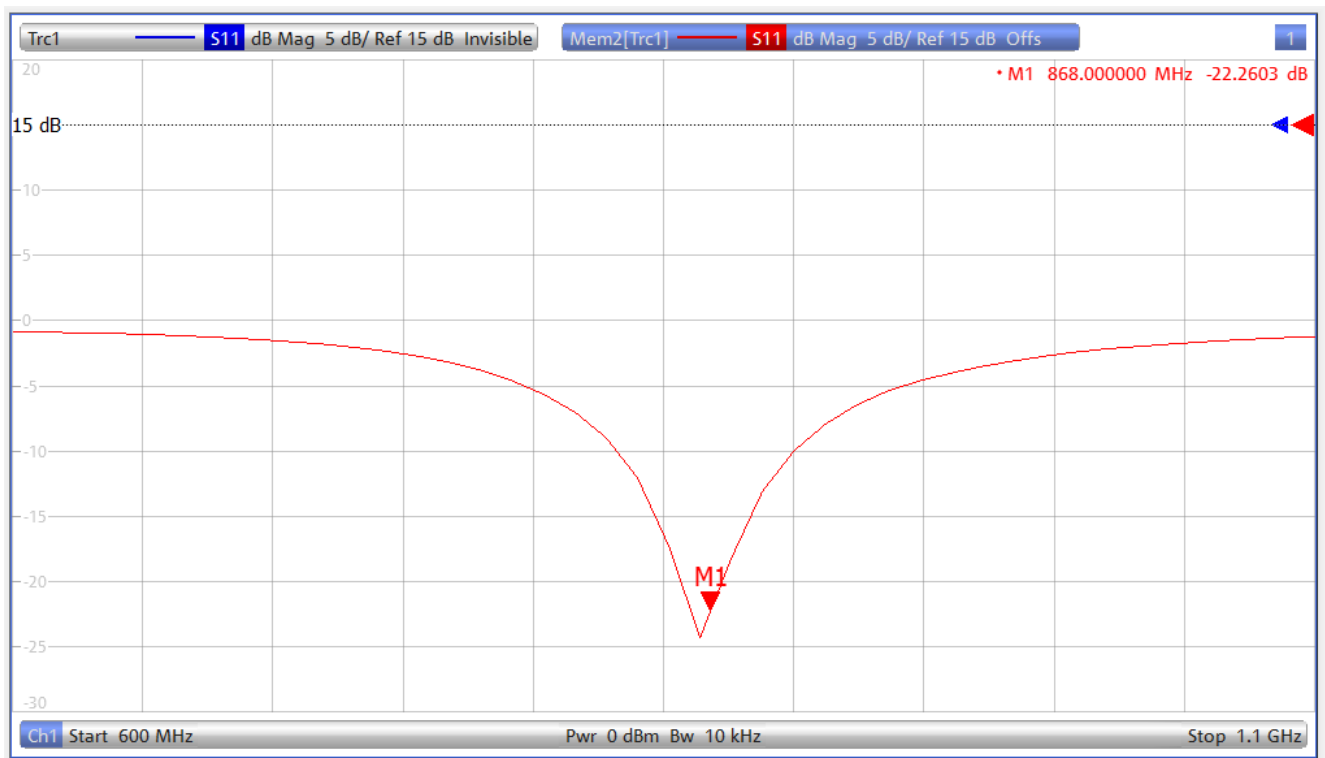


3. Antenna parameters

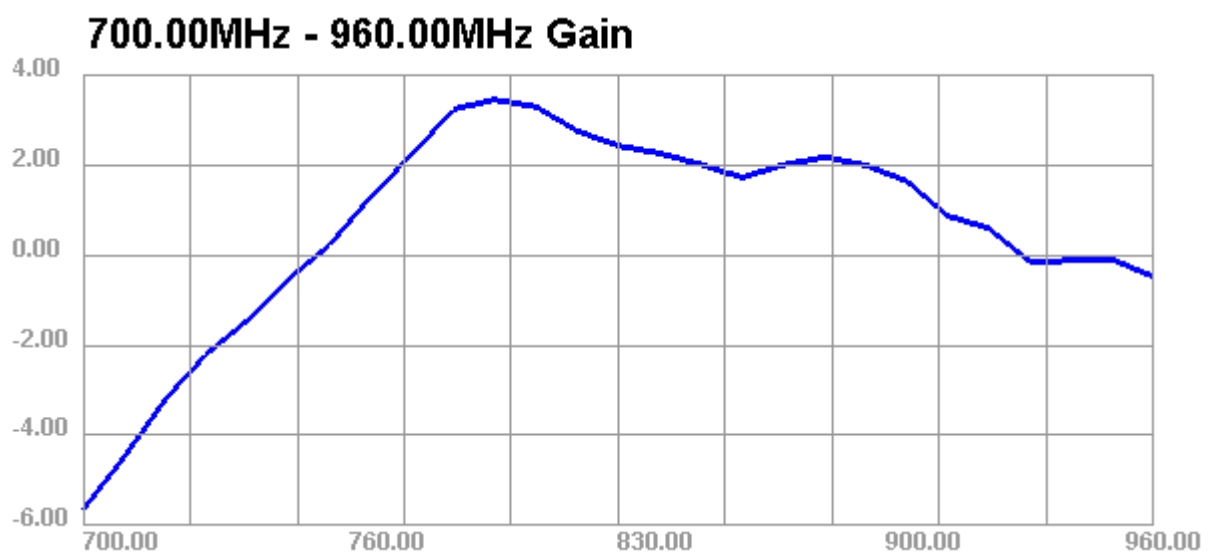
FRE (MHz)	868
VSWR	1.18
Return Loss	-22.26
Eff(%)	76.1
Average Gain(dB)	-1.18



VSWR

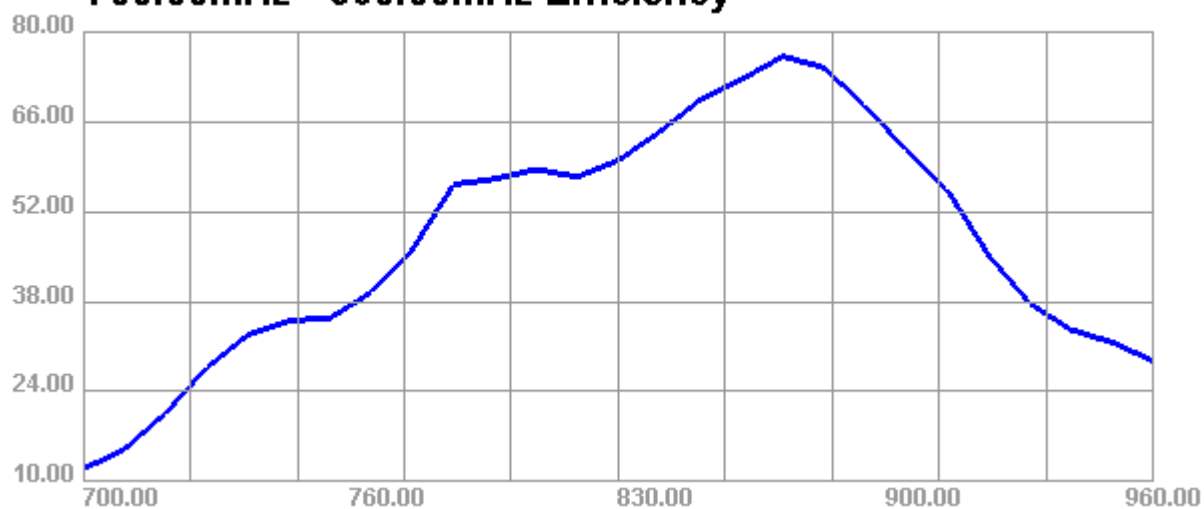


Return Loss

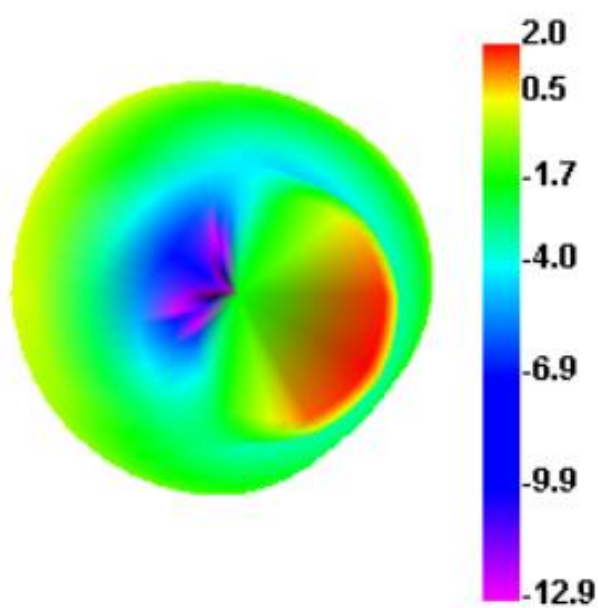




700.00MHz - 960.00MHz Efficiency



Directional pattern





4. Antenna Drawings

