SWFG004

PN: SW19051EB63



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1. Electrical Specifications

Standards	**ISM/LoRa 915MHz**
Frequency range (MHz)	915MHz
Peak Gain (dBi)	2dBi
Average Gain (dB)	-0.8dB
VSWR	1.74
Return Loss	-11.3
Efficiency (%)	80%
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	N-J
Antenna size(mm)	500 x φ22.5mm
Material	Glass fiber reinforced plastics
Operating Temperature (˚C)	- 40 ˚C ~ + 85 ˚C
Storage Temperature(˚C)	- 40 ˚C ~ + 85 ˚C

3. Antenna parameters

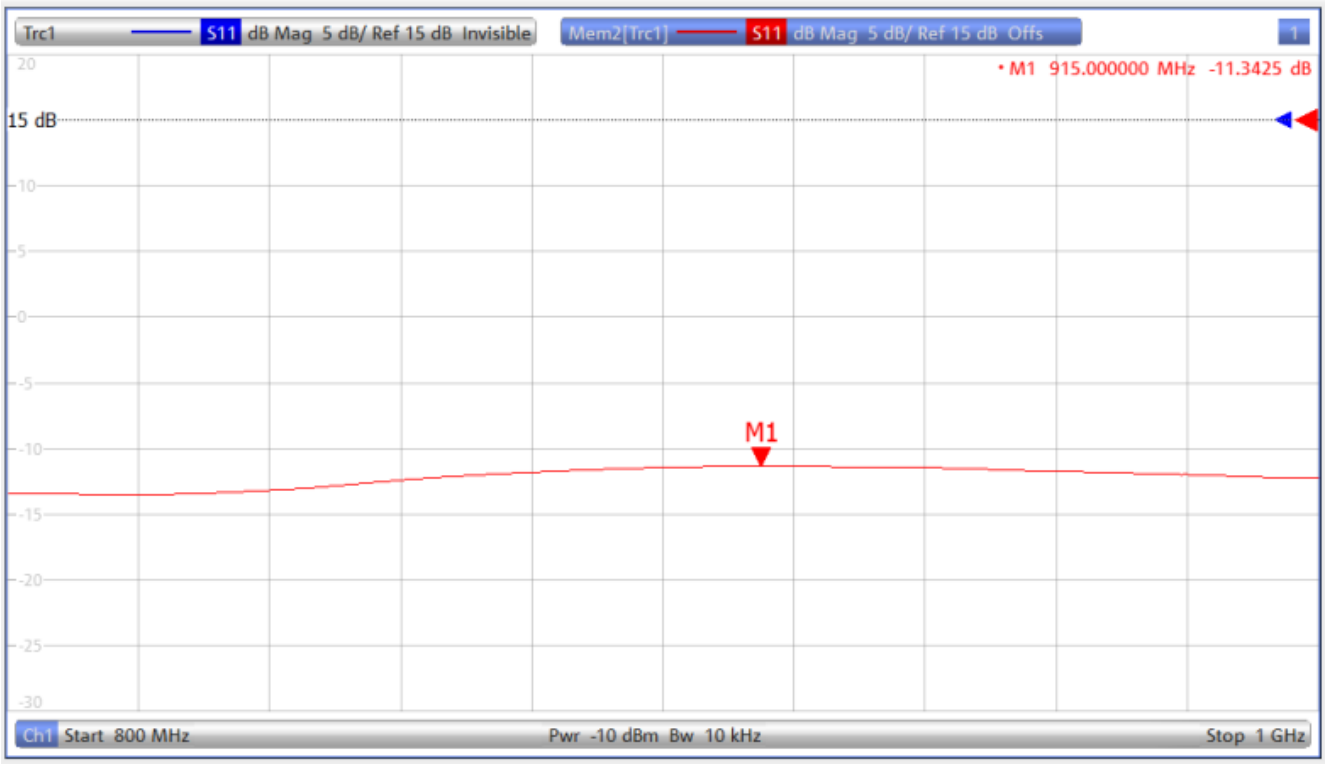
3.1 General Specification

FRE（MHz）	915
VSWR	1.74
Return Loss	-11.34
Eff (%)	80
PEAK Gain (dBi)	2

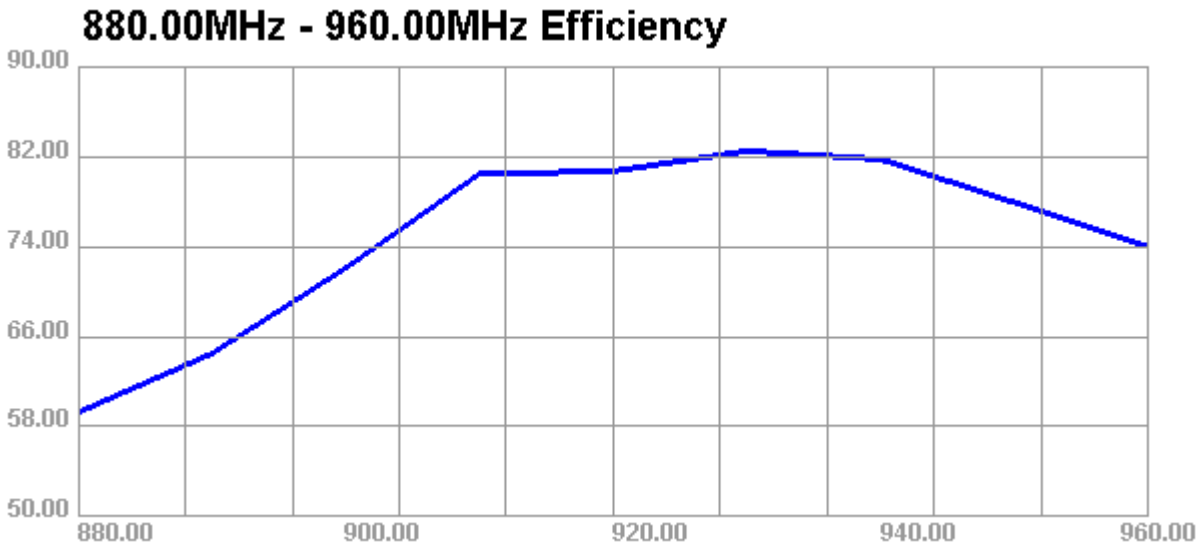
3.2 VSWR



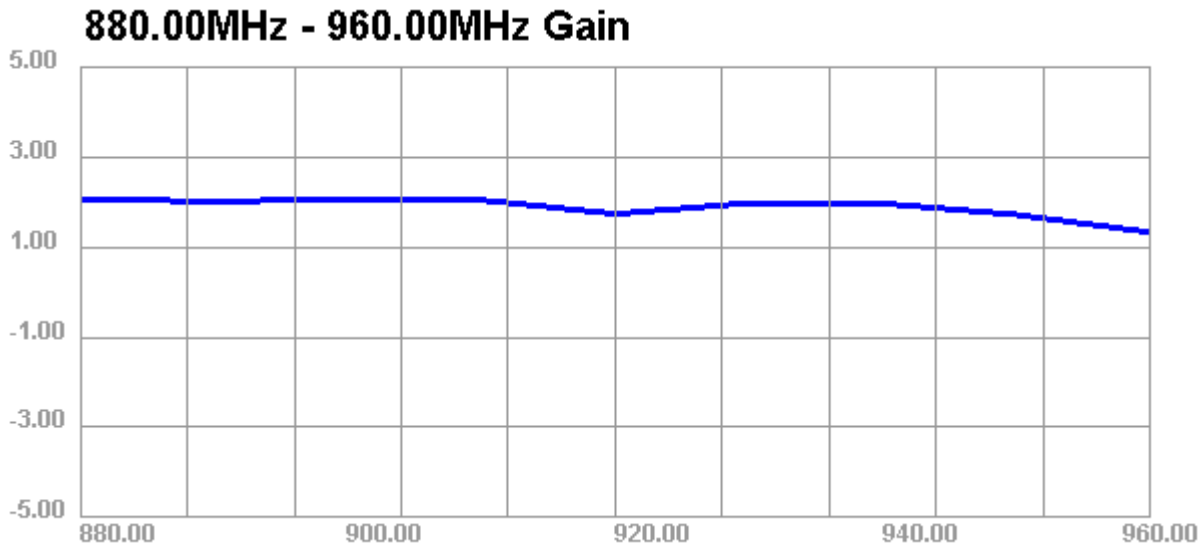
3.3 Return Loss



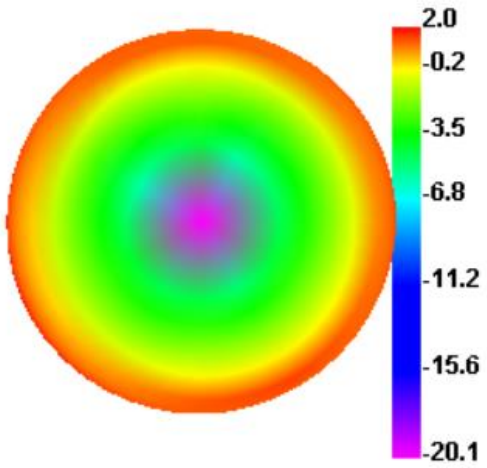
3.4 Efficiency



3.5 Gain



3.6 Directional pattern



4. Antenna Drawing

