SUNNYWAY

SWE009

PN: SW19039EB56



Sunnyway Technology

Add: Building 65-302, No.421 Hongcao Road, Xuhui District, Shanghai
Tel: +86-021-6484 2326 Fax: +86-021-6484 2328
Email: sales@sunny-way.com Web: www.sunny-way.com

1. Electrical Specifications

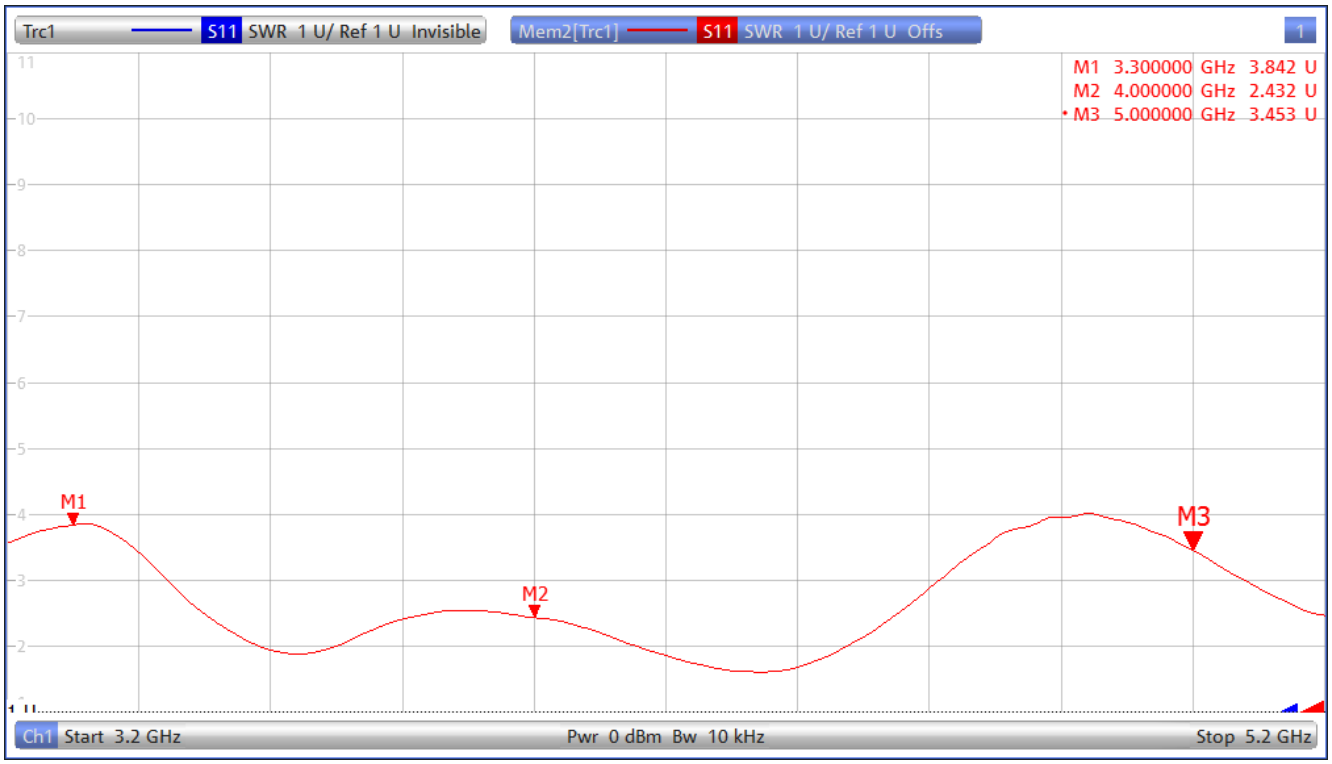
Frequency range (MHz)	3300-5000MHz
Peak Gain (dBi)	-1.0~4.5dBi
Average Gain (dB)	-4.5~-1.4dB
VSWR	<4.0
Return Loss	<-4.5
Efficiency (%)	35~73%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance (Ω)	50
Max. Input Power(W)	25

2. Mechanical and Environmental Specification

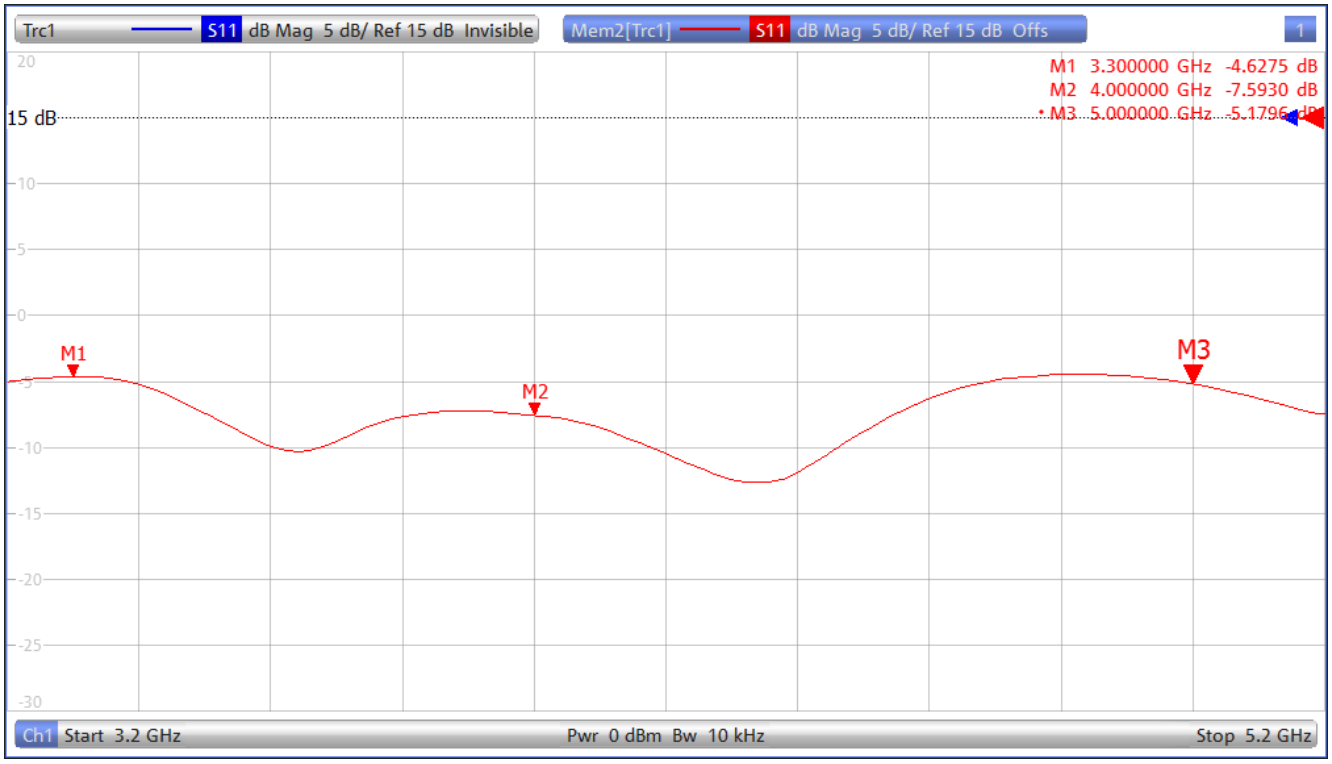
Mounting Type	Connector Mount
Connector Type	SMA
Antenna size(mm)	109mm*φ10mm
Material	ABS
Operating Temperature (˚C)	- 40 ˚C ~ + 85 ˚C
Storage Temperature(˚C)	- 40 ˚C ~ + 85 ˚C

3. Antenna parameters

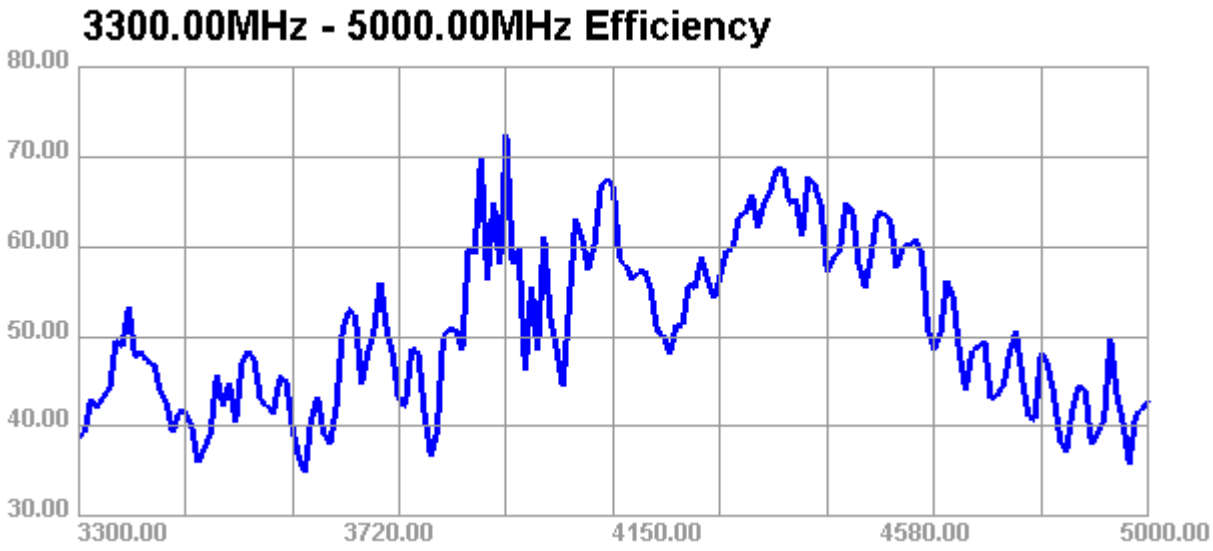
FRE (MHz)	3300	4000	5000
VSWR	3.8	2.4	3.4
Return Loss	-4.6	-7.5	-5.1
Eff (%)	40.2	50.9	42.9
Average Gain(dB)	-3.9	-2.2	-3.6

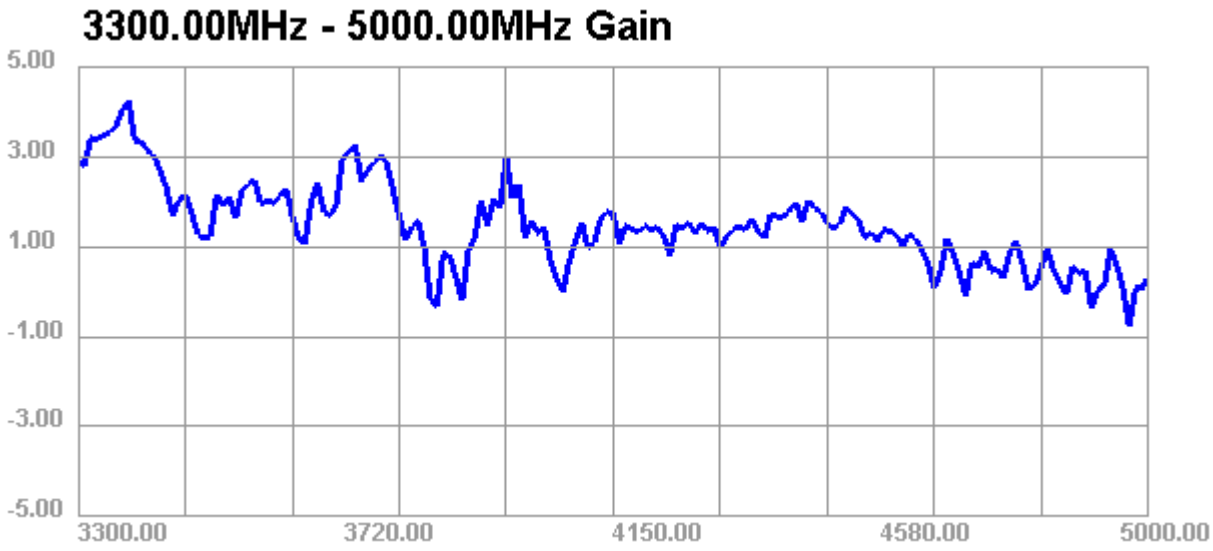


VSWR

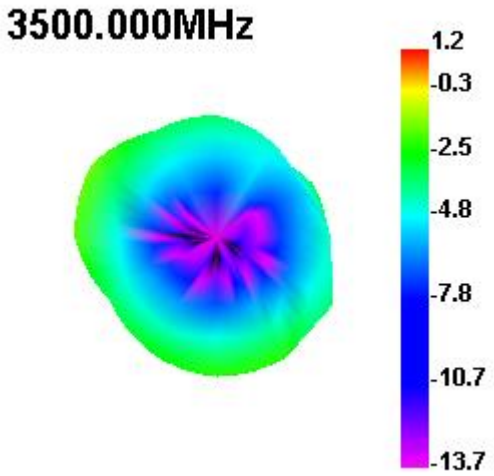


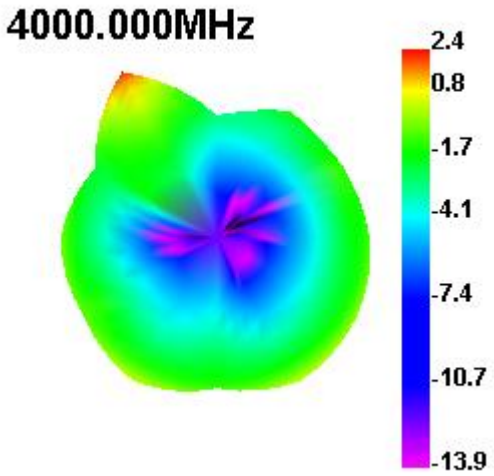
Return Loss

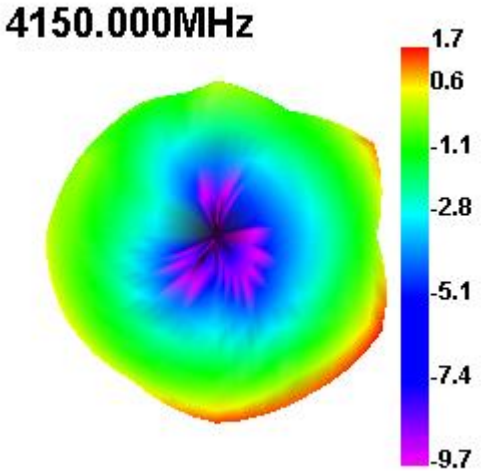

3300.00MHz - 5000.00MHz Efficiency
80.00
70.00
60.00
50.00
40.00
30.00
3300.00
3720.00
4150.00
4580.00
5000.00


3300.00MHz - 5000.00MHz Gain
5.00
3.00
1.00
-1.00
-3.00
-5.00
3300.00
3720.00
4150.00
4580.00
5000.00

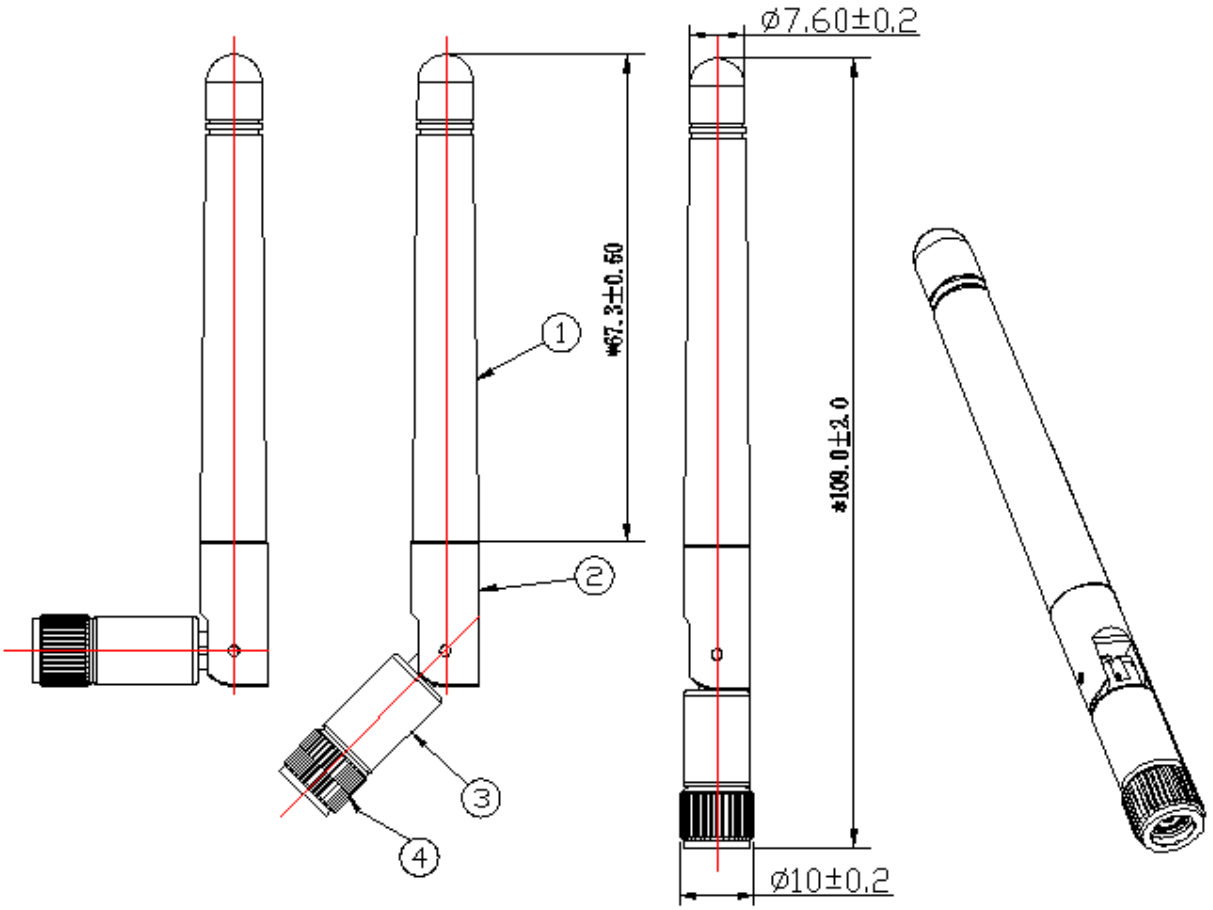
Directional pattern







4. Antenna Drawings



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