

915MHz Straight Rod Antenna

Product Specification



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Note: Revision History

Revision	Date	Comment
V1.0	2014-07	First release
V2.0	2016-06	Typesetting, measurements revised
V2.1	2017-06	Logo updated
V2.2	2018-8	Increase test datas
V3.0	2022-5	Size updated

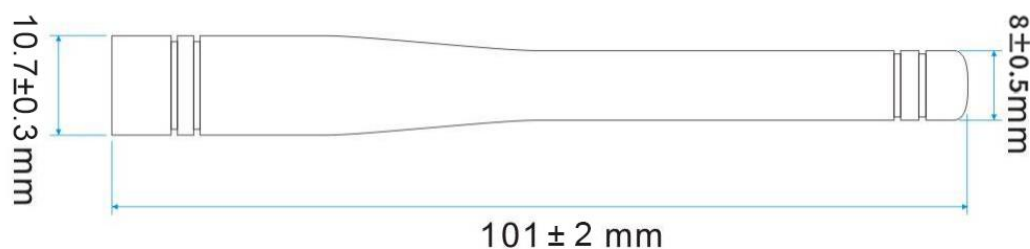
1. Description

SW915-ZT100, a straight rod antenna, designed specially for 915MHz wireless communication and Meter Reading Communication System, it has good VSWR, ingenious structure, easy installation, stable performance, with good anti-vibration and anti-aging ability.

2. Technical Parameter

- Frequency Range: 915 MHz
- VSWR: ≤ 2.0
- Gain: -4.28 dBi
- Input impedance: $50\ \Omega$
- Max power: 10 W
- Polarization: vertical polarization
- Height: $101 \pm 2\text{ mm}$
- Interface form: RP-SMA
- Lead wire: none
- Antenna Color: black
- Weight: 10 g

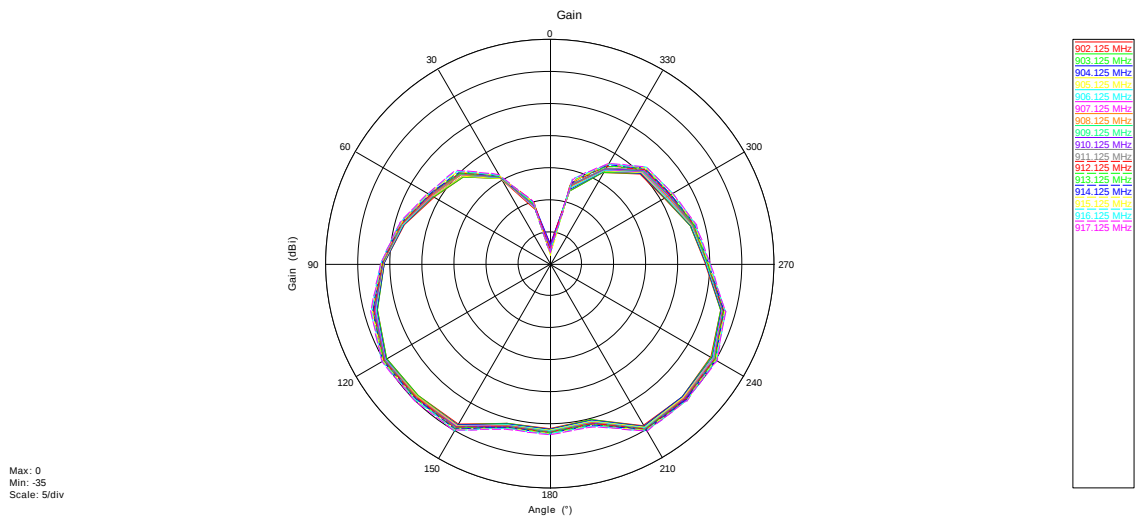
3. Size



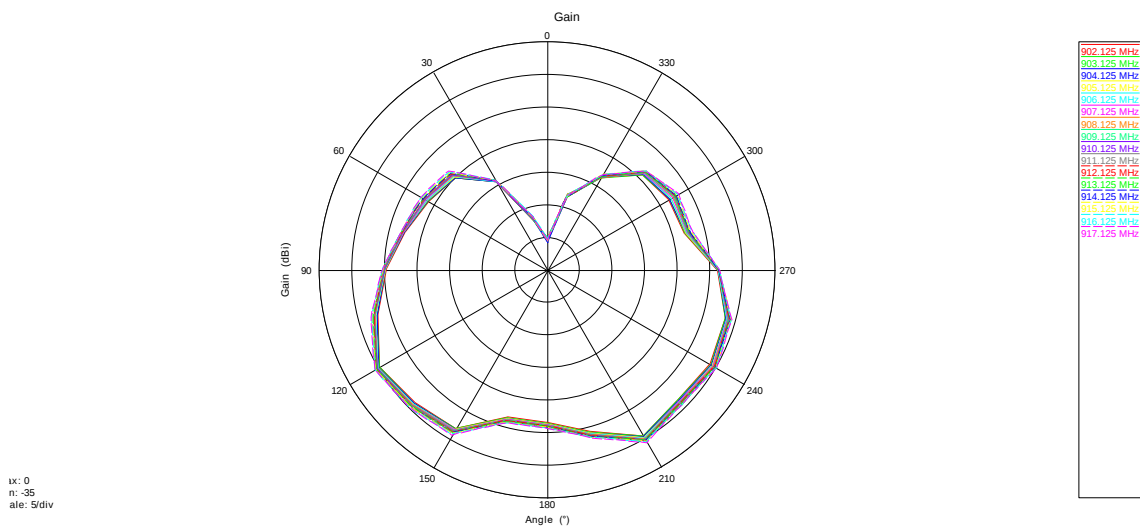
4. Test Datas

Frequency(MHz)	Gain(dBi)
902.125	-5.15
903.125	-5.07
904.125	-4.98
905.125	-4.87
906.125	-4.81
907.125	-4.77
908.125	-4.73
909.125	-4.70
910.125	-4.66
911.125	-4.66
912.125	-4.61
913.125	-4.55
914.125	-4.49
915.125	-4.42
916.125	-4.33
917.125	-4.28

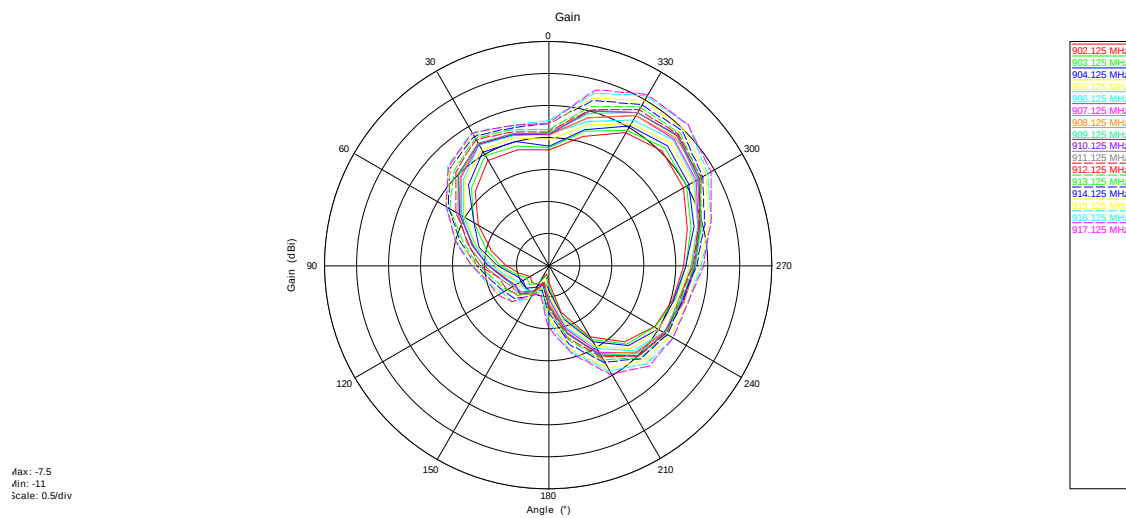
■ 2D&3D Pattern Plots of Passive



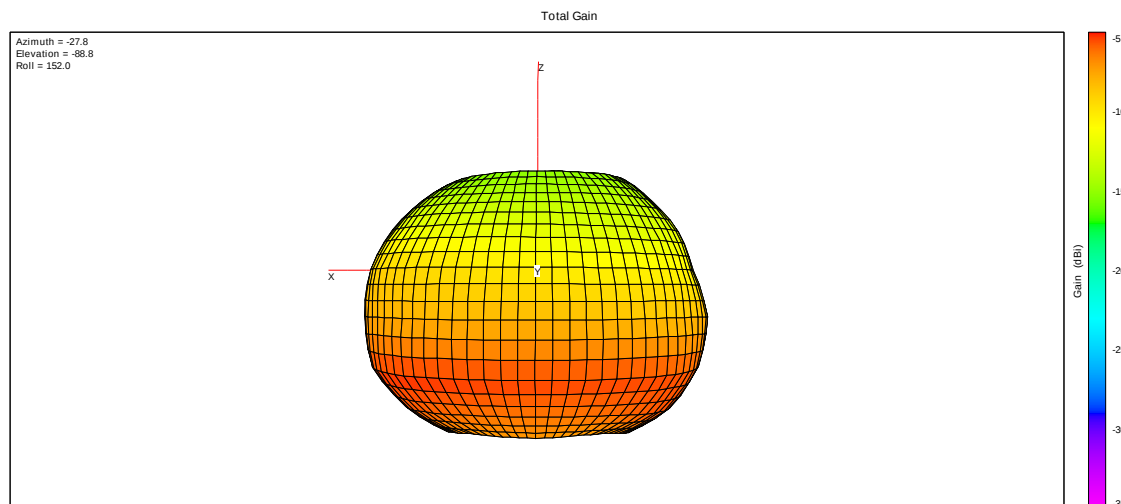
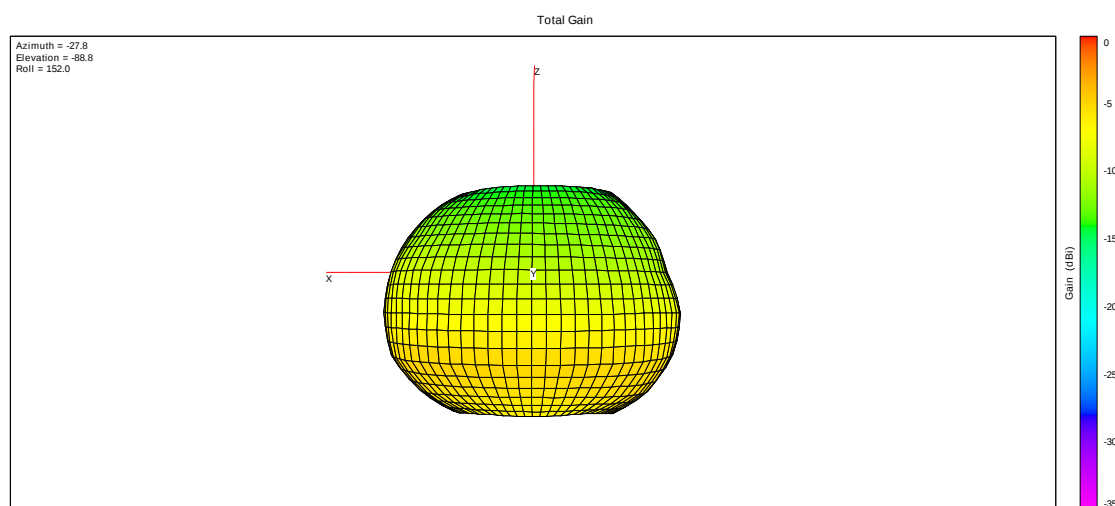
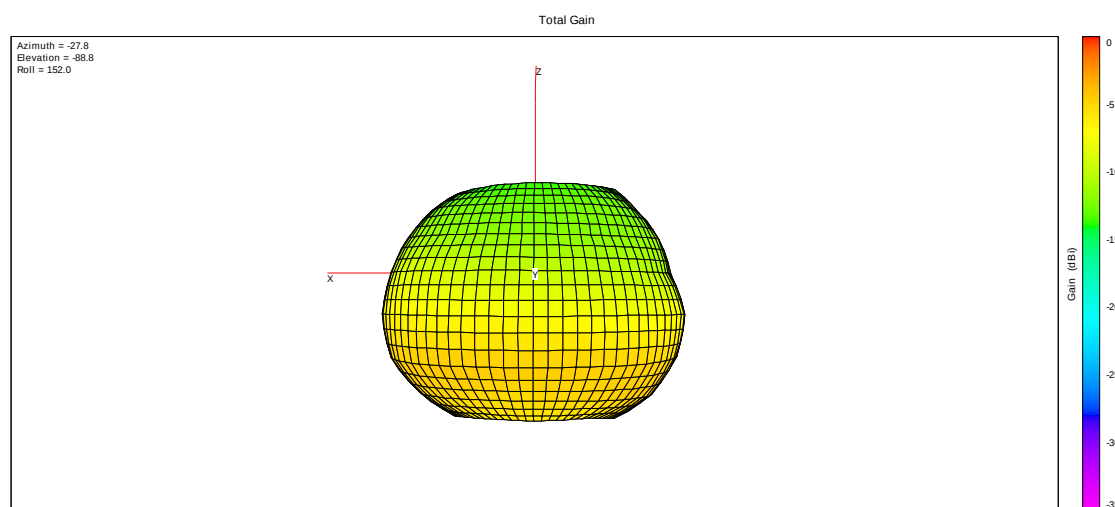
Phi=0°



Phi=90°



Theta=90°

**902.125MHz****910.125MHz****917.125MHz**