



Product Name: ISM 915 Band Hinge Rotatable Terminal Antenna

Part Number: TA-R17B-A-S901

Features:

- Support ISM 915MHz Band
- Hinge Rotatable, 90 Degree
- Straight Length: 196mm, Diameter: 12.5mm
- Connector: SMA(M)

Applications:

- ISM 915MHz Bands Application
- Lora/Sigfox Communication

ISM 915 Hinge Rotatable Terminal Antenna

MODEL: TA-R17B-A-S901

WI-RD-D-220 V1.1

I. Specifications:

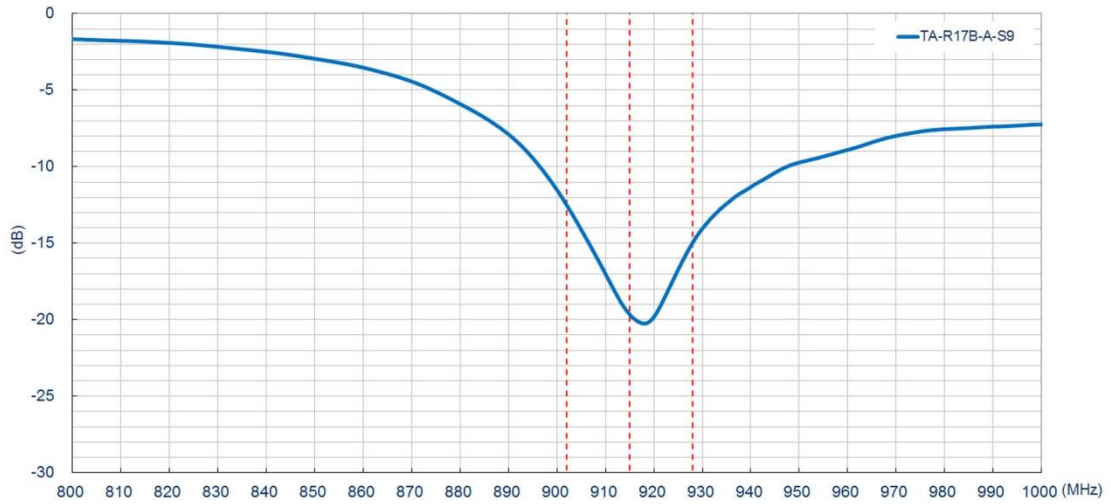
Items	Specifications		
Application Bands (MHz)	902	915	928
Efficiencies (%)	79.80	92.90	95.50
Average Gain (dBi)	-0.98	-0.32	-0.20
Peak Gain (dBi)	2.30	3.34	3.70
Return Loss (dB)	< -10		
V.S.W.R	< 2:1		
Test Condition	With box: 210 x 125 x 16.5 mm		
Polarization	Linear		
Impedance (Ω)	50		
Mechanical Specifications			
Dimension	L:196mm, Diameter: 12.5mm		
Connector	SMA(M)		
Environmental Specifications			
Operating Temperature ($^{\circ}\text{C}$)	-40~+85		
Storage Temperature ($^{\circ}\text{C}$)	-40~+85		

***Test Condition: 210 x 125 mm (Ground Plane Dimension)**

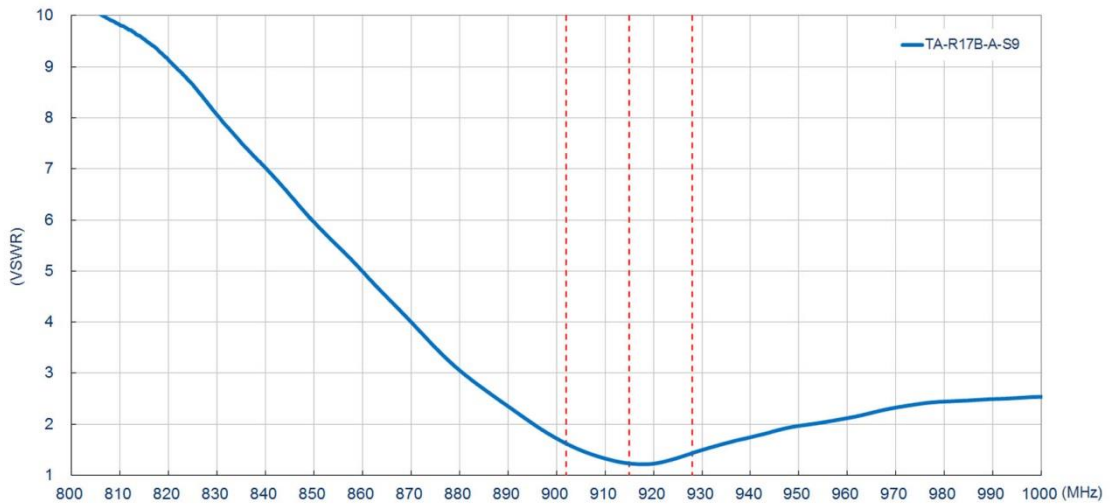
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All specifications subject to change without notice.

II. Antenna Technical Parameters:

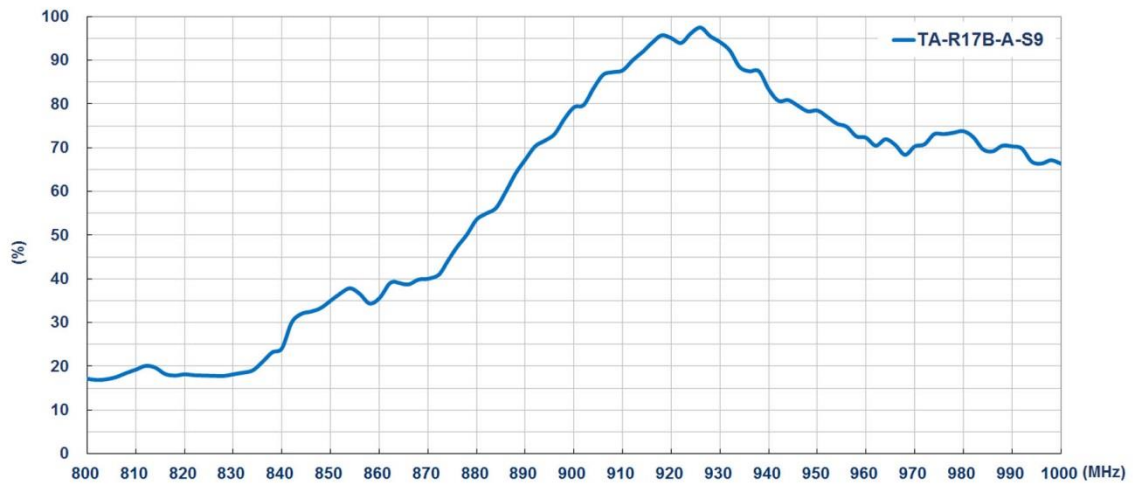
S-parameters (dB):



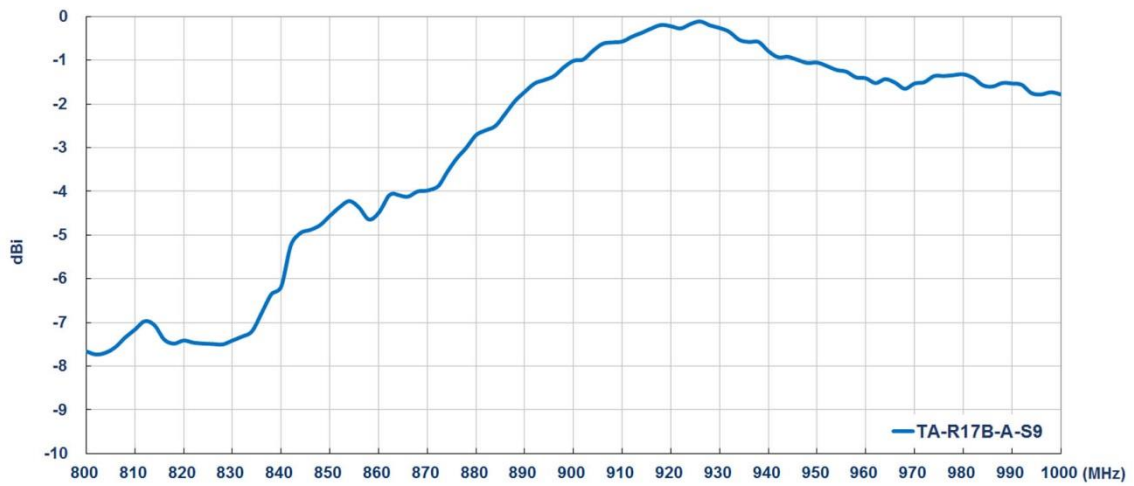
VSWR:



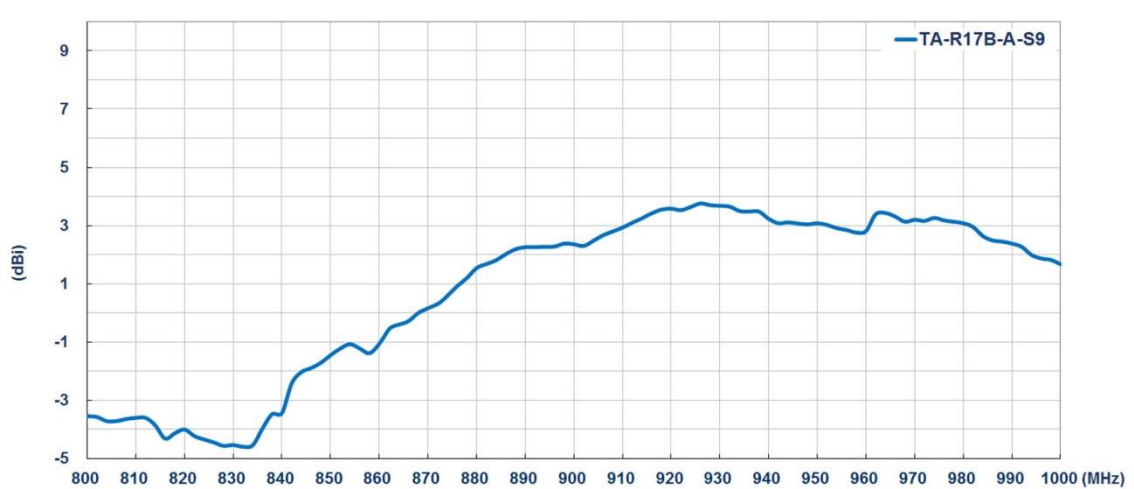
Efficiency (%):



Average Gain (dBi):

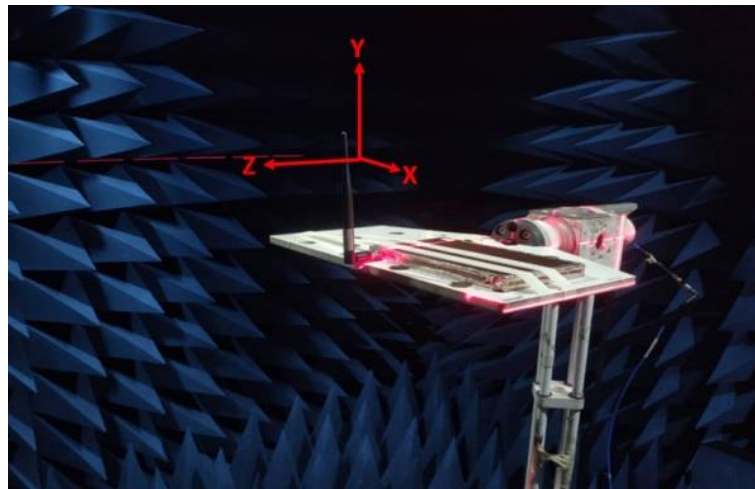


Peak Gain (dBi):



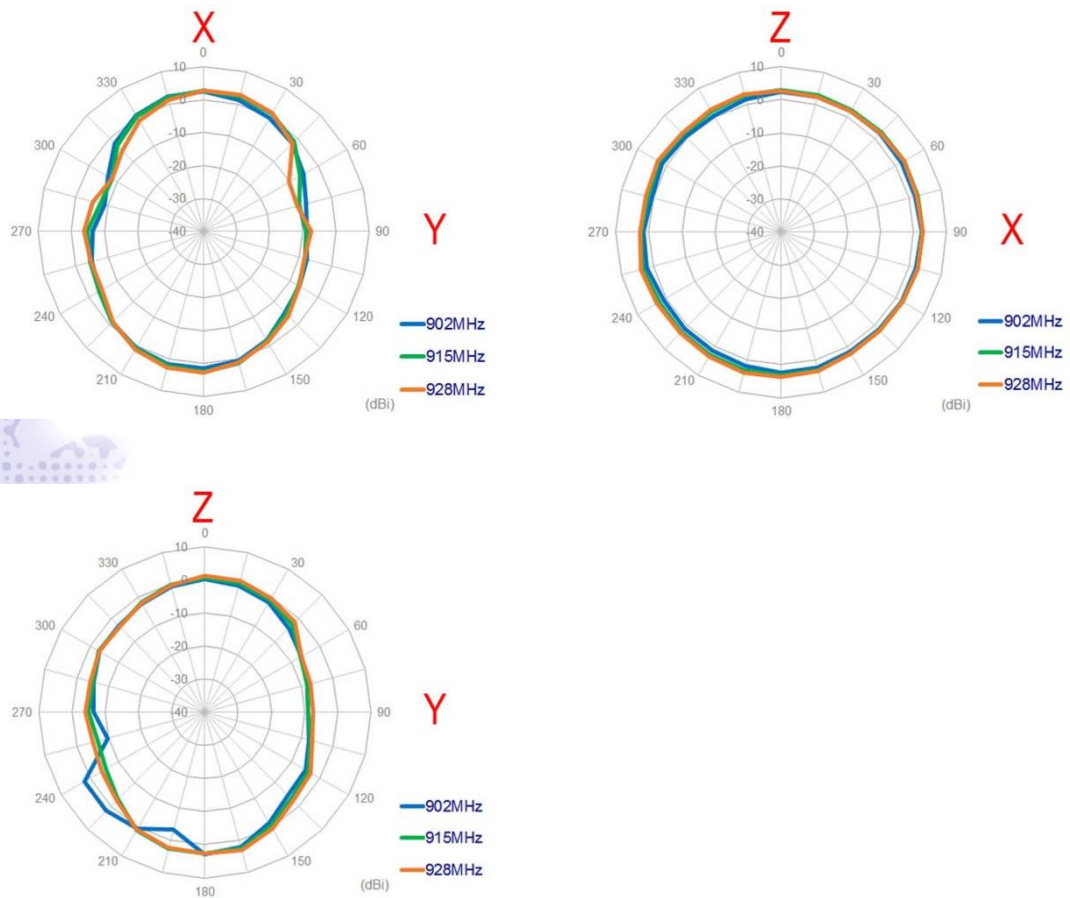
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III. Antenna Radiation Pattern Measurement:



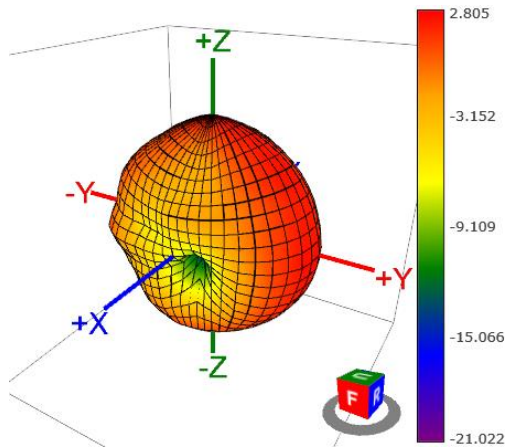
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2D Radiation Pattern

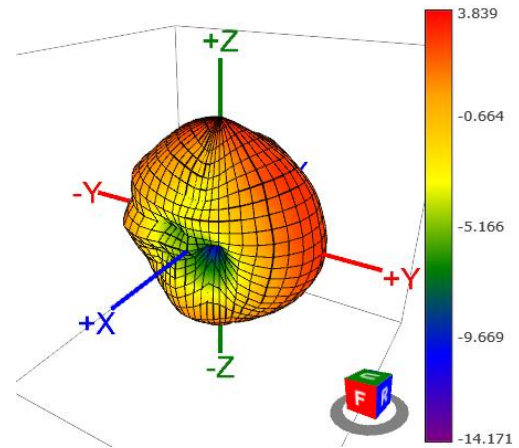


3D Radiation Pattern

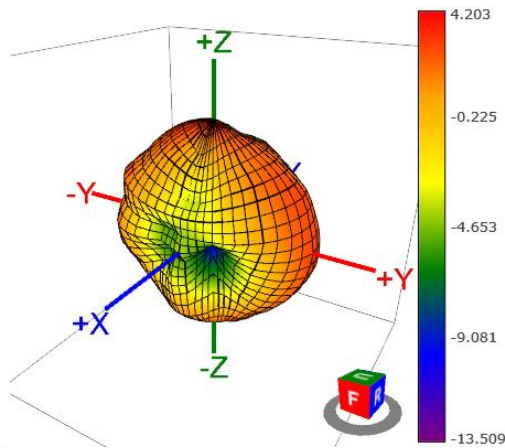
902 MHz



915 MHz



928 MHz



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IV. Mechanical Drawing (Unit:mm):

