



Product Name: 10 Series_ ISM 433MHz Screw Mounted Antenna

Part Number: EC-10B-AC-S401

Feature:

- Low Profile with 48.5mm Total Height
- ISM Band 433MHz Supporting
- Screw Mounting to Target Plate
- High Gain for Application

Application:

- ISM Band 433MHz Application
- TETRA Communication

10 Series_ISM 433MHz Antenna

MODEL: EC-10B-AC-S401

WI-RD-D-201 V1.0

I. Specifications:

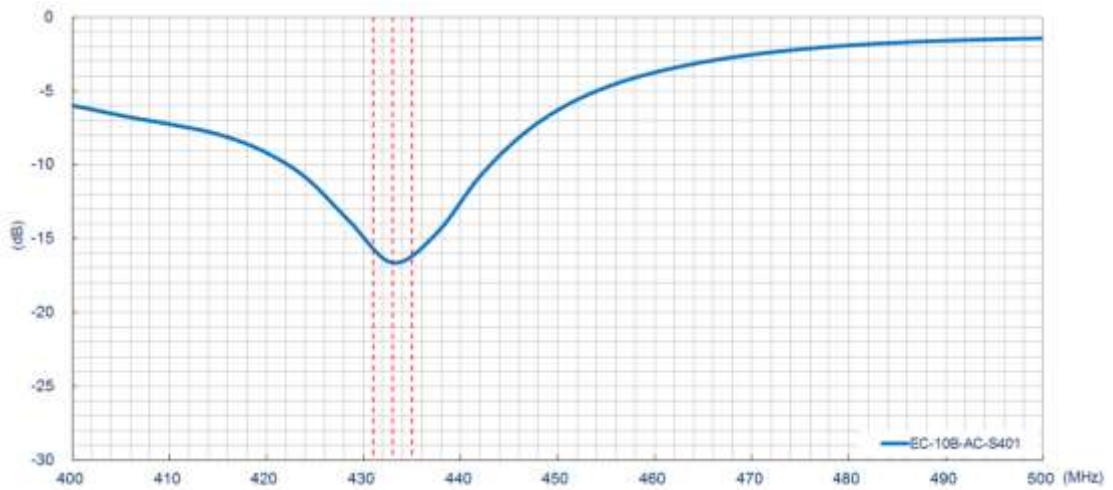
Category	ISM 433MHz Specifications		
Application Band	431	433	435
Efficiency(%)			
EC-10B-AC-S401	67.70	69.16	70.34
Average Gain(dBi)			
EC-10B-AC-S401	-1.69	-1.60	-1.53
Peak Gain(dBi)			
EC-10B-AC-S401	5.09	5.01	4.95
Mechanical Specification			
Dimension	103 mm in diameter x 48.5 mm in height		
Mounting Method	Screw Mounted		
Cable	7 Meters LMR-195		
Connector	TNC(M)		
Operation Temperature	-40°C ~ +80°C		
Storage Temperature	-40°C ~ +100°C		

*Antenna Performance was measured with 1-meter cable length condition.

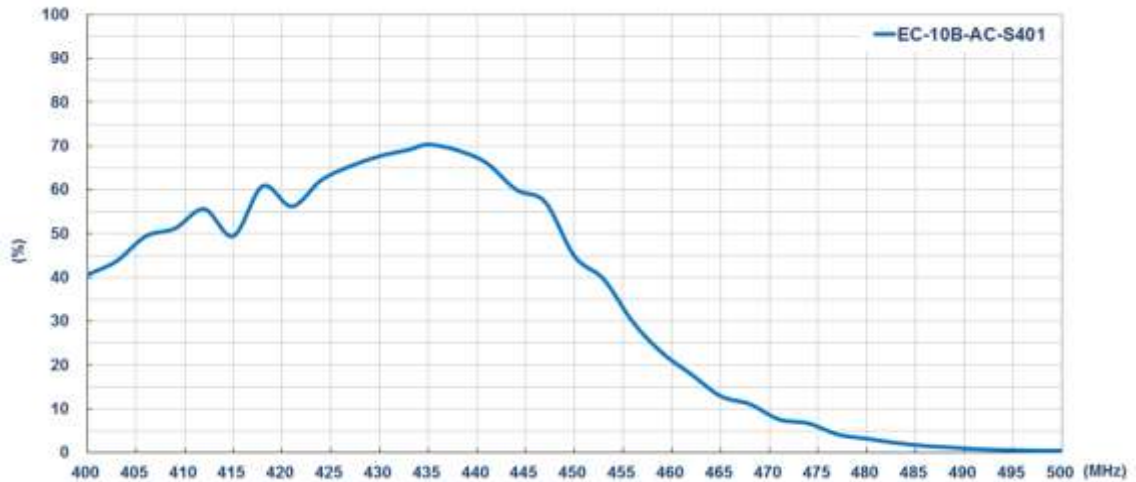
**Antenna was measured on 30*30cm Metal Plate.

I. Antenna Technical Parameters:

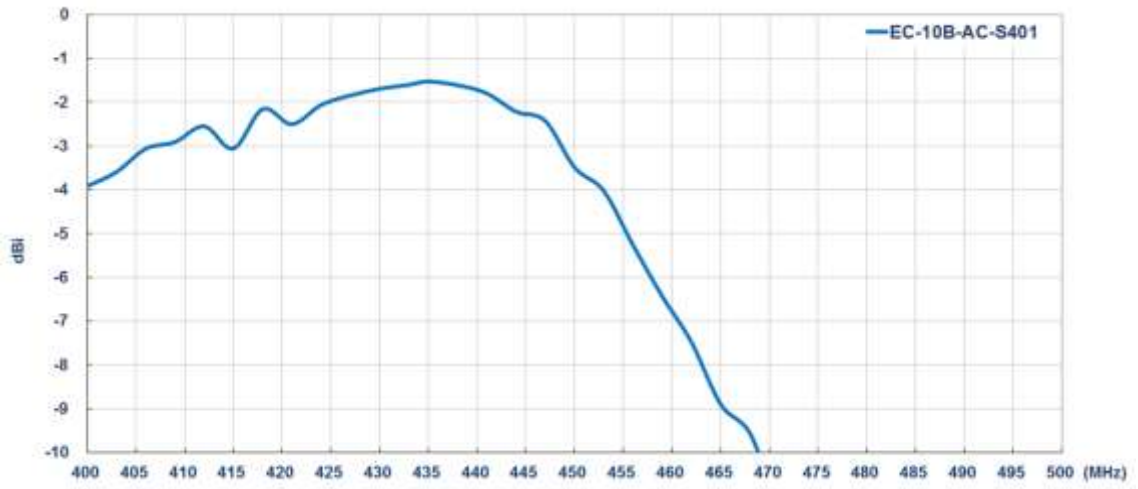
S-parameters:



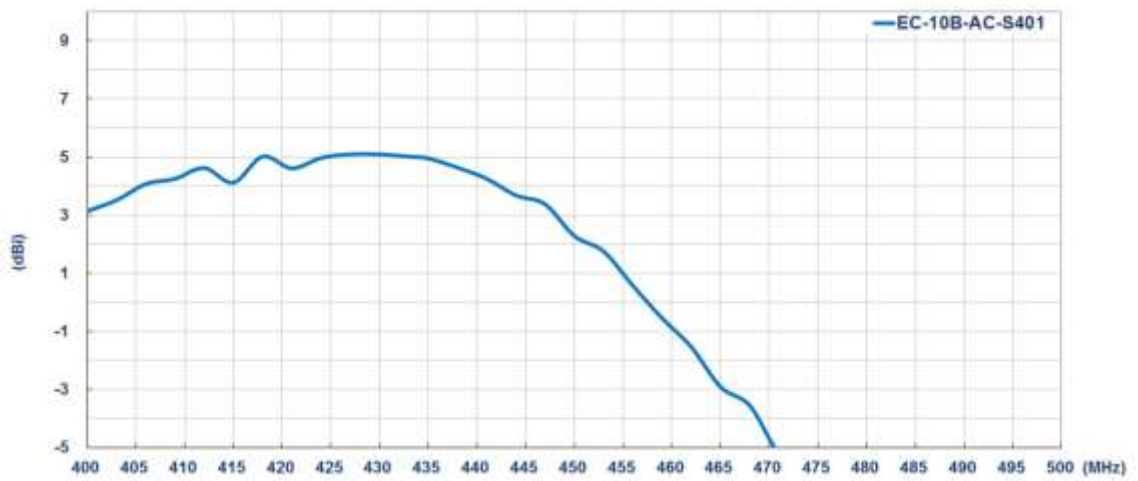
Efficiency:



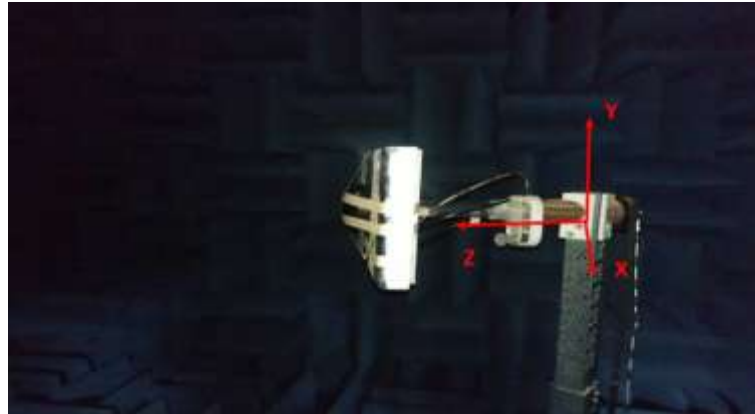
Average Gain:



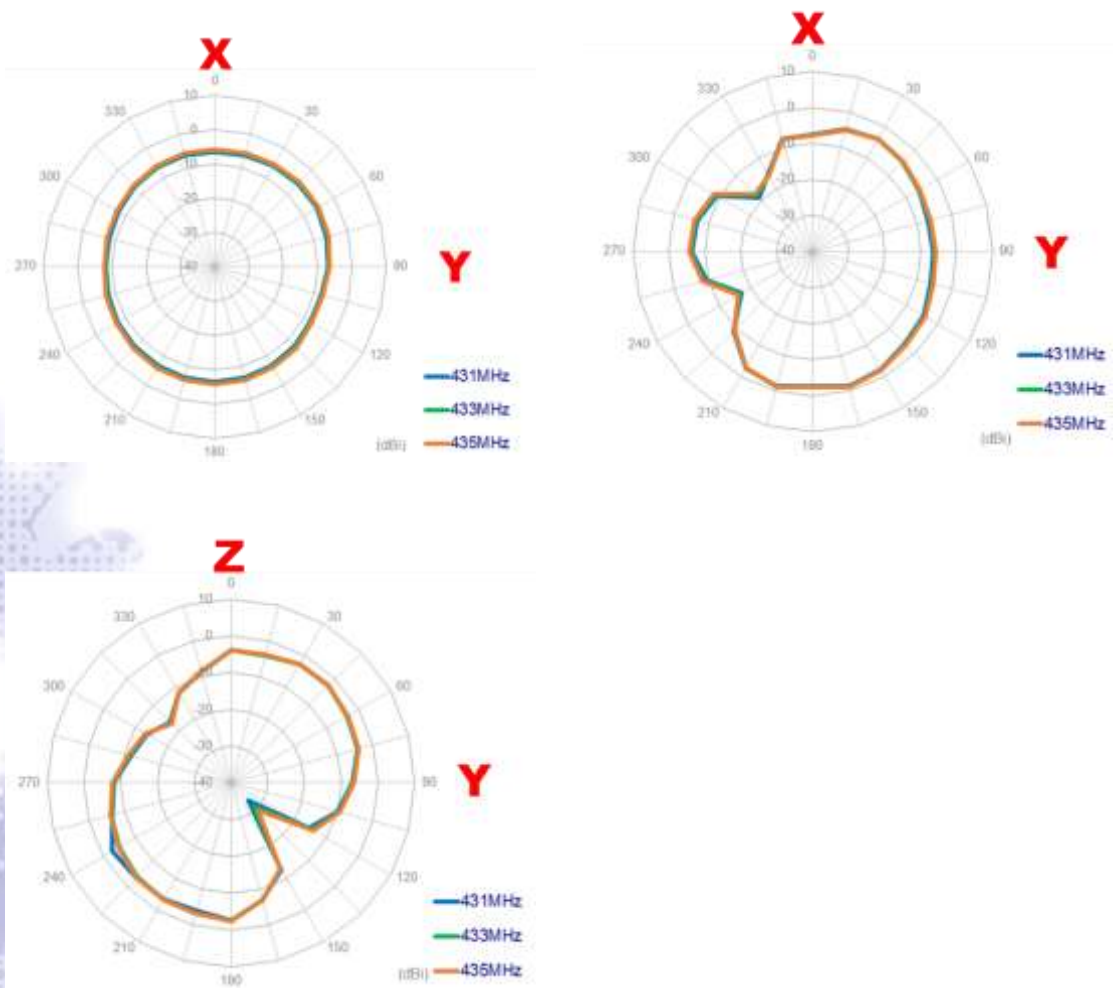
Peak Gain:



II. Antenna Radiation Pattern Measurement:

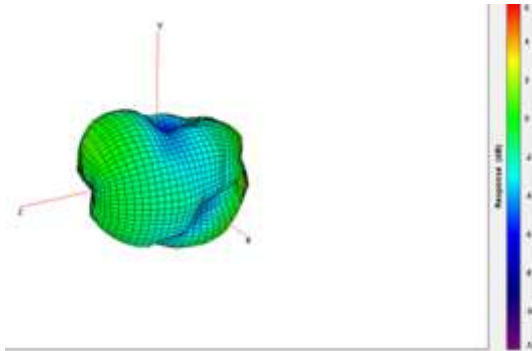


2D Radiation Pattern

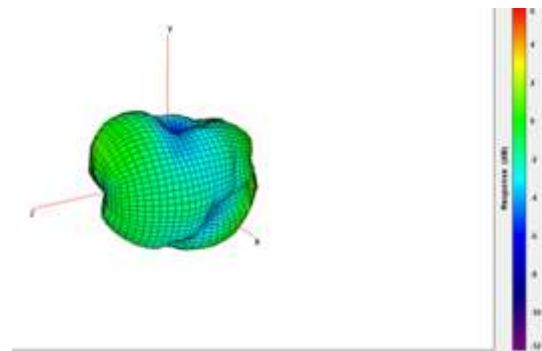


3D Radiation Pattern

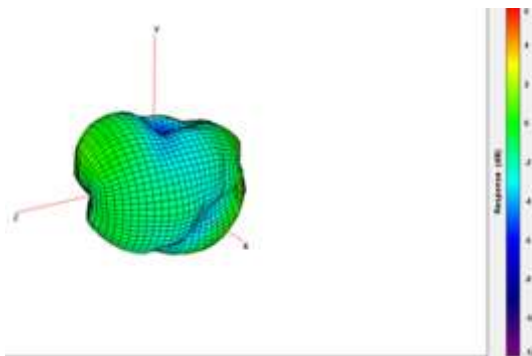
431 MHz



433 MHz



435 MHz



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All specifications subject to change without notice.

III. Mechanical Drawing (Unit:mm):

