



Product Name: WiFi Dual Bands Terminal Antenna

Part Number: TA-S9B-A-WE01

Feature:

- WiFi 2.4GHz/ 5.8GHz Dual Bands Supporting
- 90 Degree Rotatable Hinge
- Straight Length: 157 mm
- Connector: SMA (M)

Application:

- IoT Device Application
- WiFi Router Application

WiFi Dual Bands Terminal Antenna

MODEL: TA-S9B-A-WE01

WI-RD-D-218 V1.0

I. Specifications:

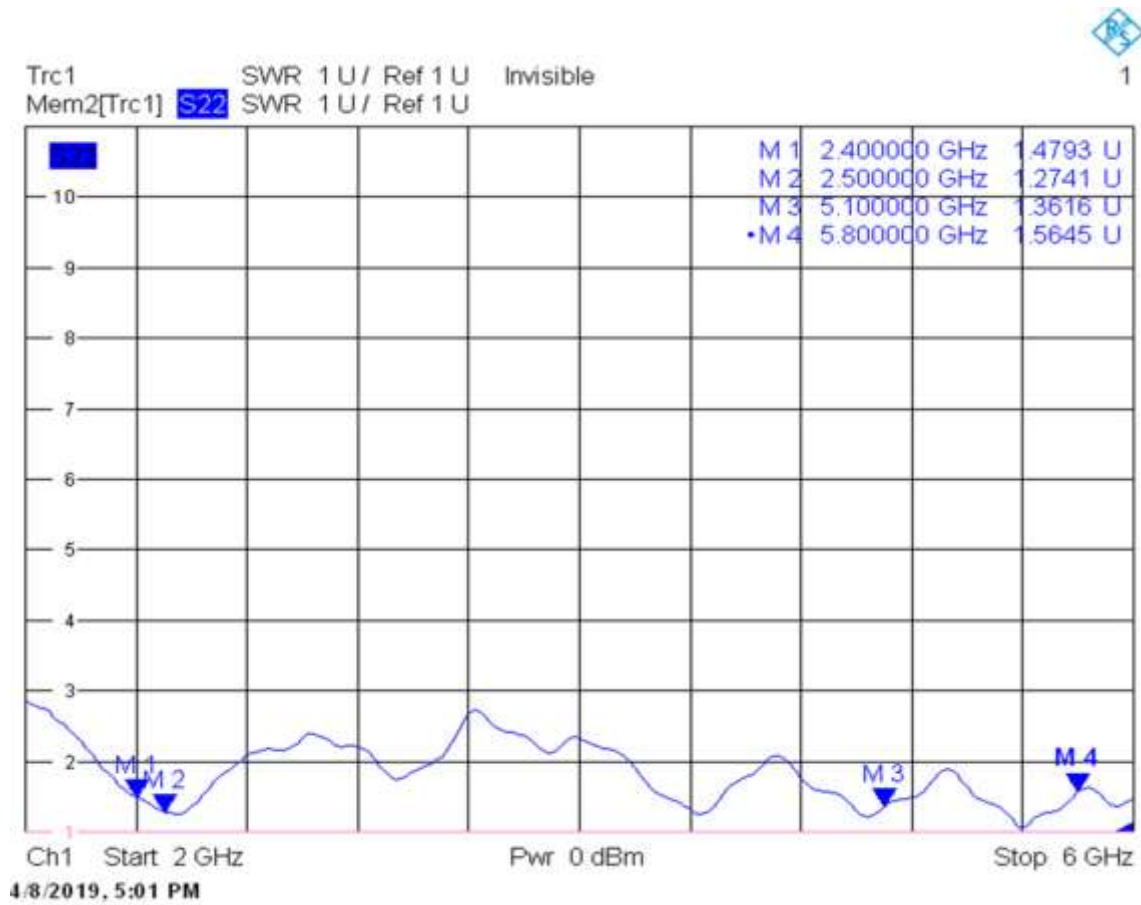
Category	WiFi Specifications						
Frequency (MHz)	2400	2450	2500	5150	5350	5750	5850
Efficiency(%)							
TA-S9B-A-WE01	76.21	88.31	89.74	75.68	72.28	67.61	61.52
Average Gain(dBi)							
TA-S9B-A-WE01	-1.18	-0.54	-0.47	-1.21	-1.41	-1.70	-2.11
Peak Gain(dBi)							
TA-S9B-A-WE01	4.33	5.01	5.09	4.25	3.32	4.17	3.74
Frequency range	2.4~2.5 & 5.15-5.85GHz						
Polarization	Linear						
Impedance	50Ω						
V.S.W.R	2400MHz ~ 2500MHz < 2 5150MHz ~ 5850MHz < 2						
Return loss	10 dB Min.						
Mechanical Specification							
Antenna Length	Length: 157 mm, Diameter: 12.5 mm						
Connector	SMA (M)						
Operating Temperature	-40~+85℃						
Storage Temperature	-40~+85℃						

***Antenna was tested in free space.**

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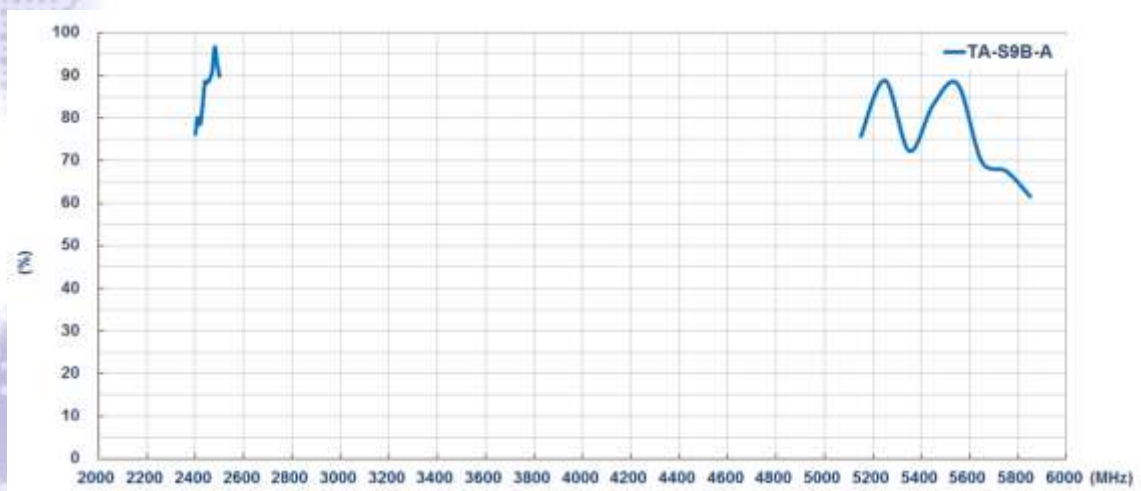
II. Antenna Technical Parameters:

V.S.W.R. :

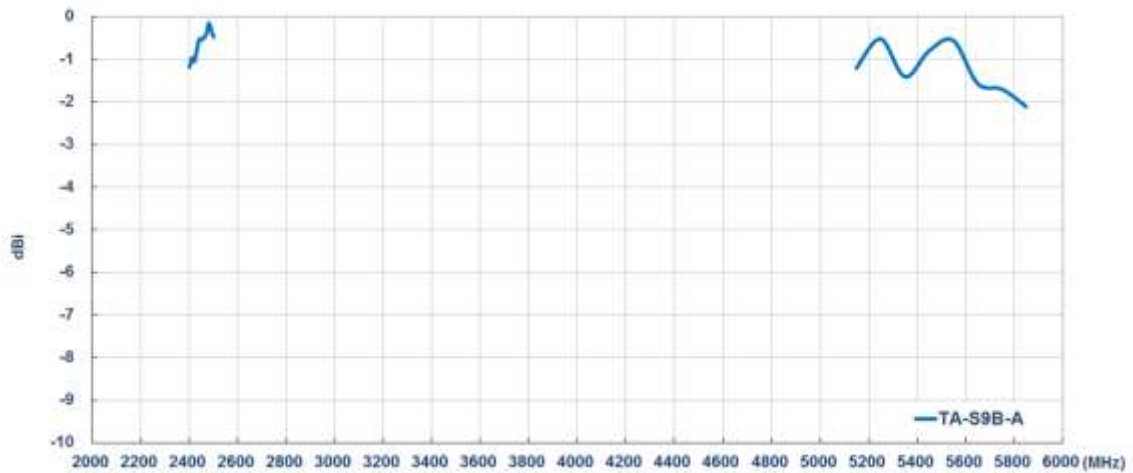


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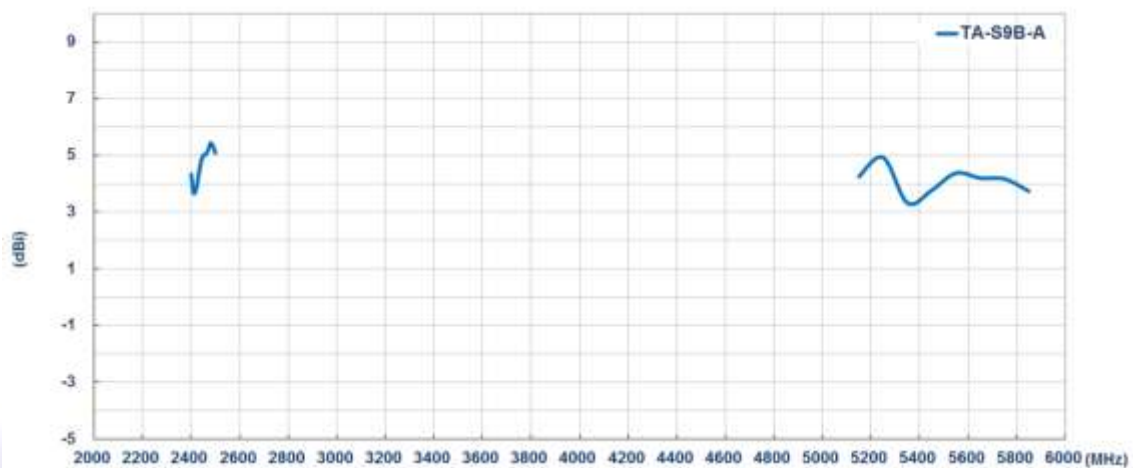
Efficiency:



Average Gain:

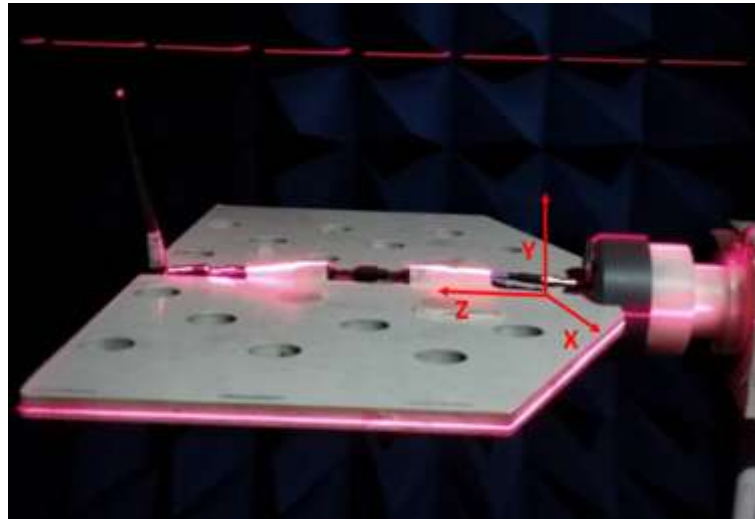


Peak Gain:



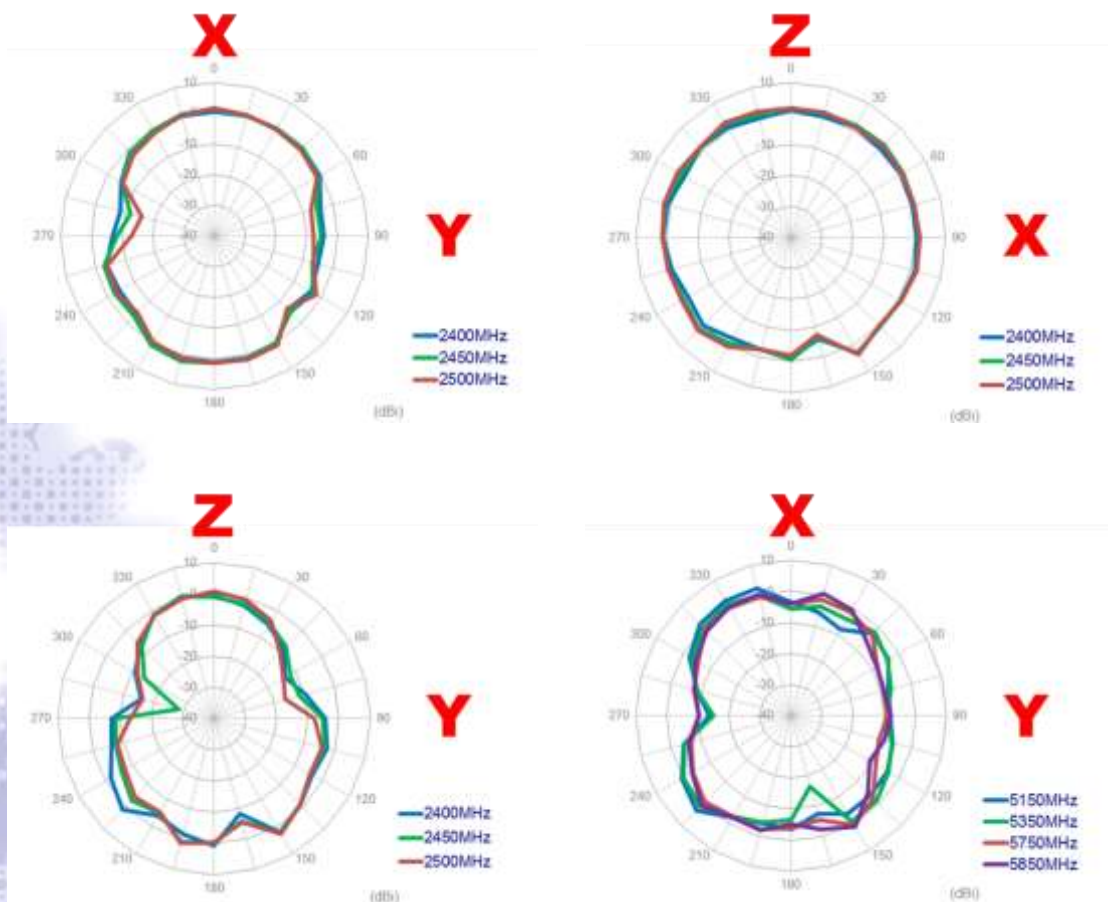
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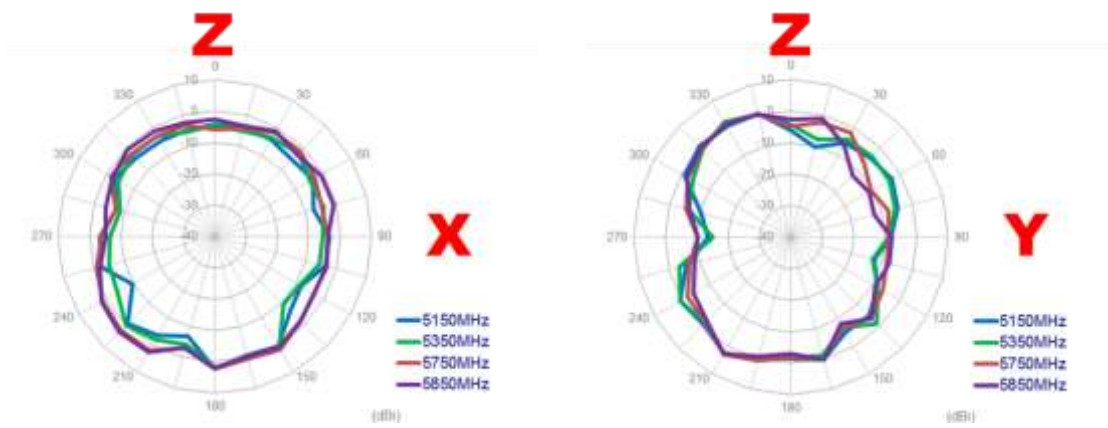
III. Antenna Radiation Pattern Measurement:



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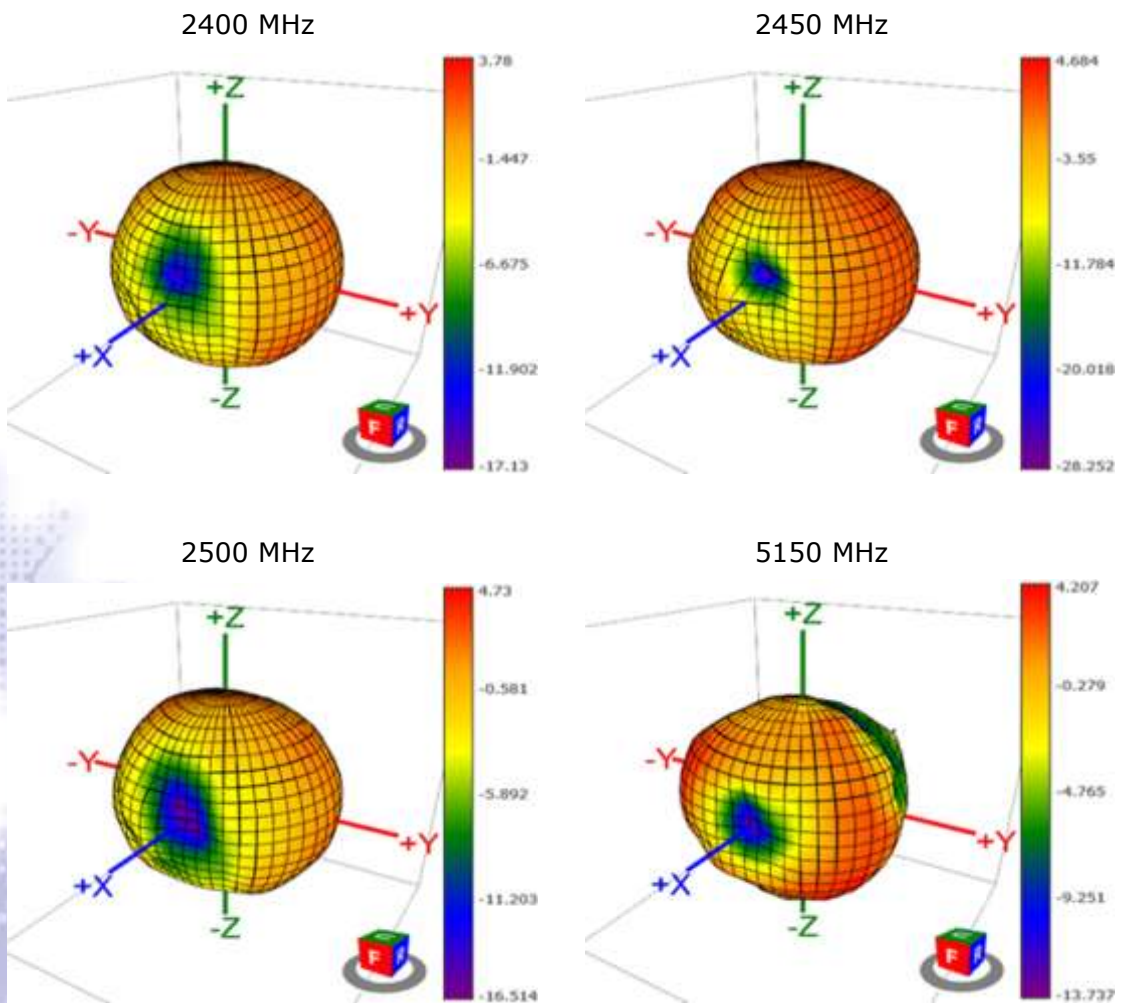
2D Radiation Pattern

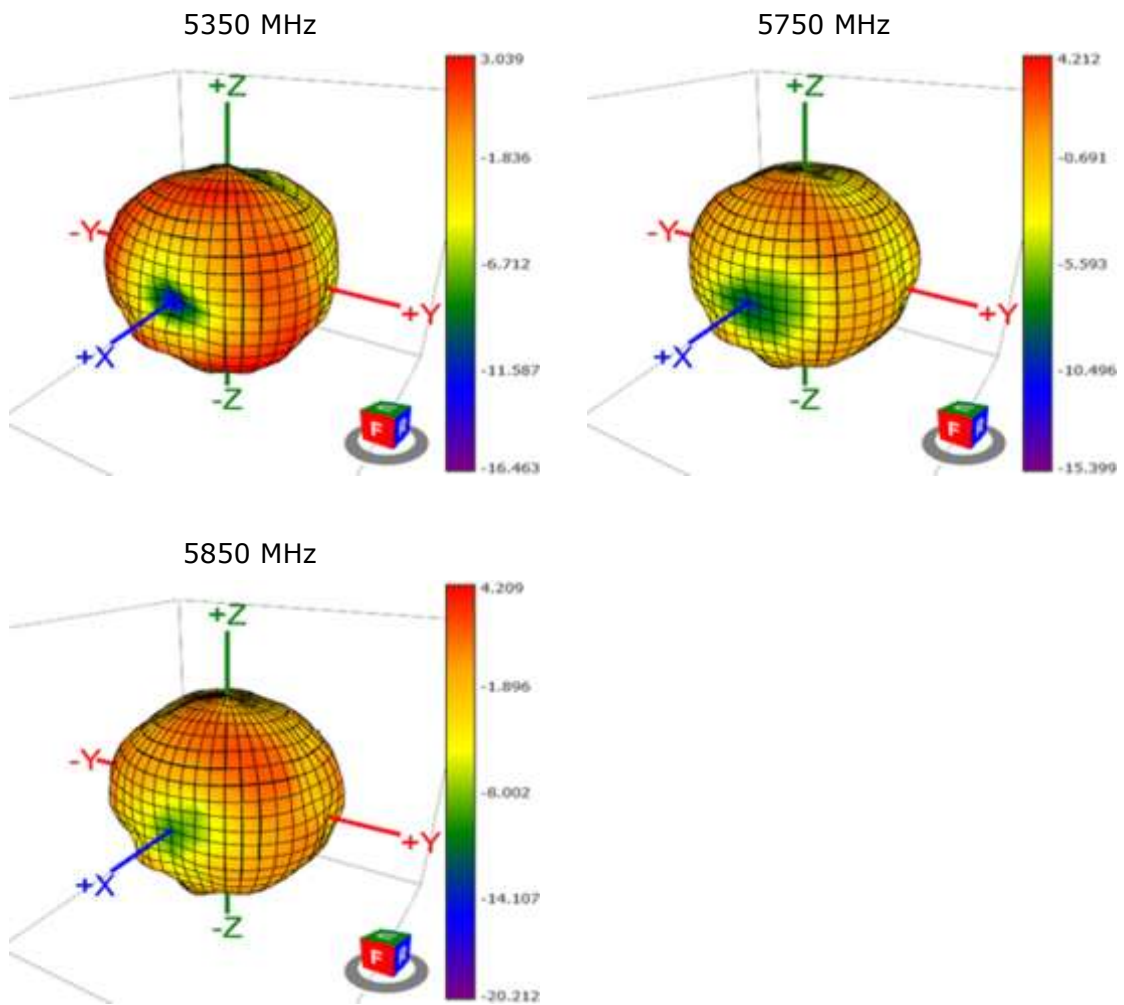




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3D Radiation Pattern





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IV. Mechanical Drawing (Unit:mm):

