



Product Name: WiFi 2.4/5.8GHz Terminal Antenna

Part Number: TA-6B-A-WE01

Doc ID: WI-RD-D-153 V1.0

Feature:

- Tiny Dimension
- WiFi Dual Bands Supporting, 2.4GHz/ 5.8GHz.

Application:

- AP Router Application
- Handheld Device Application

2.4/5.8GHz Terminal Antenna

MODEL: TA-6B-A-WE01

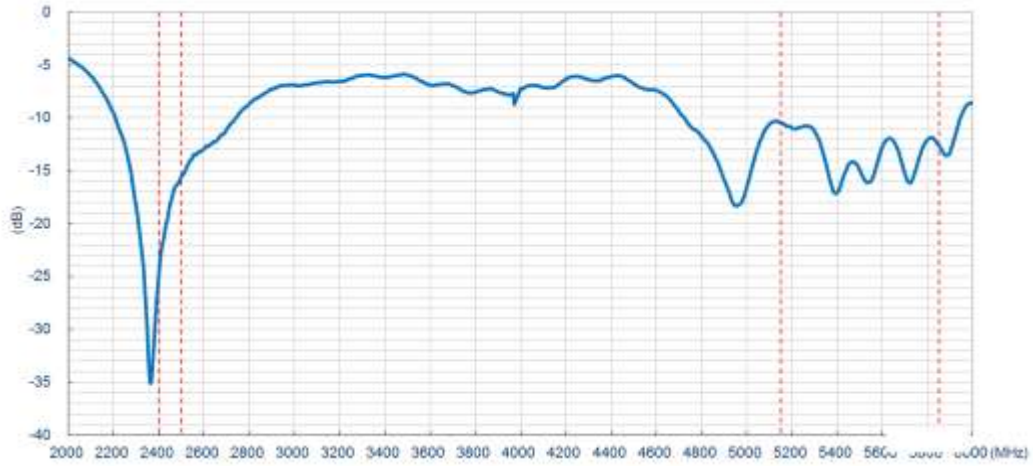
I. Specifications:

Category	Specifications
Frequency range	2.4~2.5GHz / 5.15~5.85GHz
Efficiency	75.27% / 85.05%
Peak Gain	2.68 dBi / 4.59 dBi
Radiation Patten	Omni Directional
Polarization	Vertical
Impedance	50 Ω
V.S.W.R	< 2
Return loss	< -10
Test Condition	215 x 125 mm ² (Simulated AP Box)
Connector	RP-SMA(M)
Waterproof Level	IP66
Physical Condition	
Dimension	\varnothing 7.5 mm x 89.5 mm

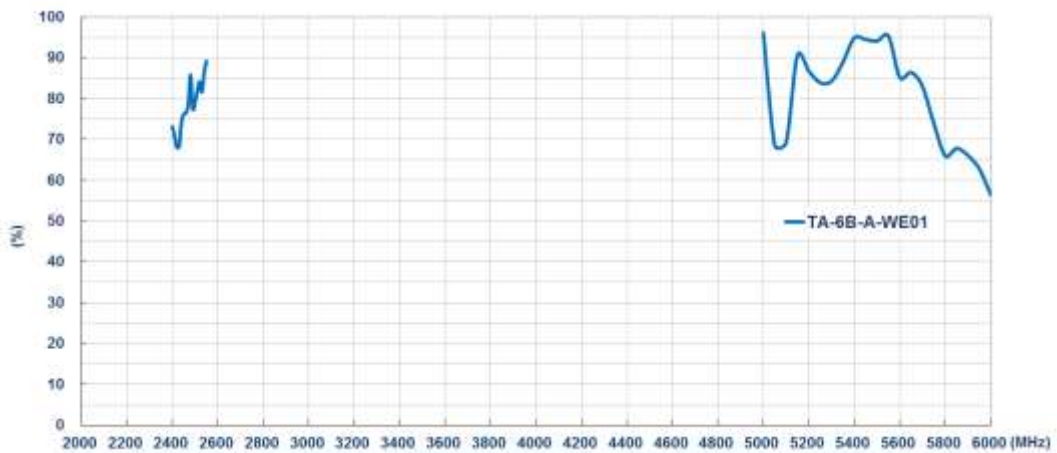
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I. Antenna Technical Parameters:

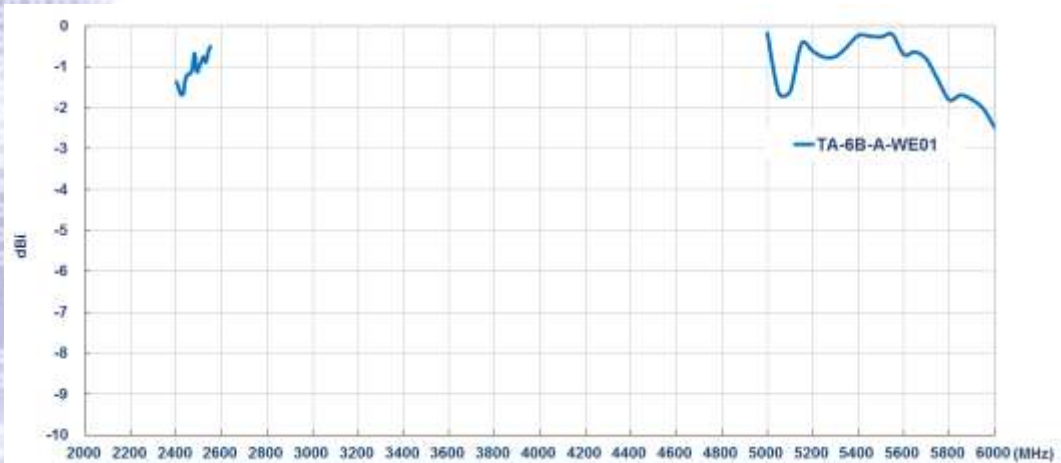
S-parameters:



Efficiency:

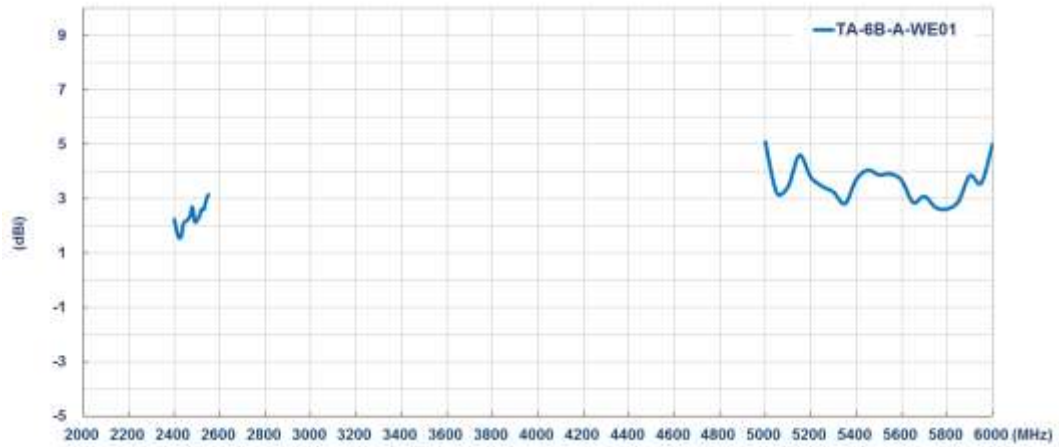


Average Gain:



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Peak Gain:

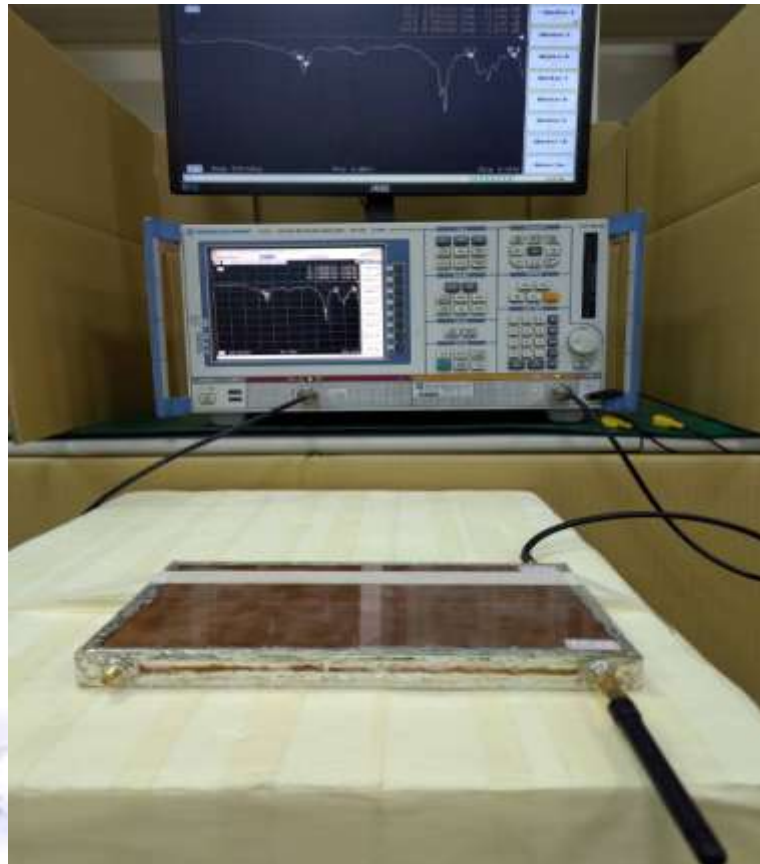
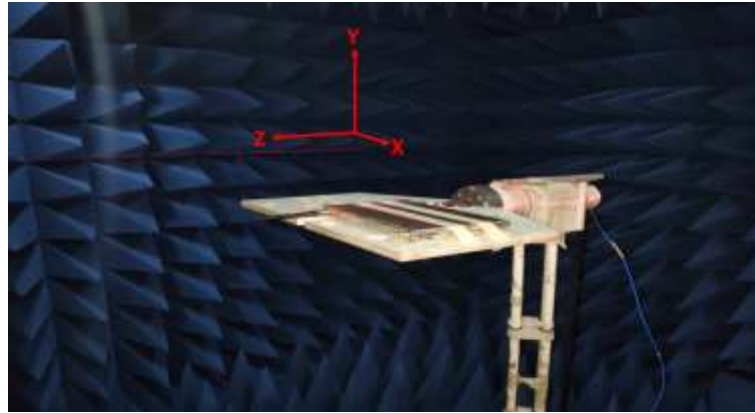


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Performance Table:

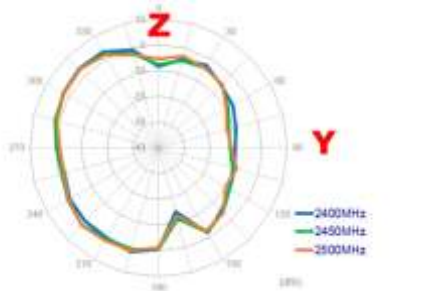
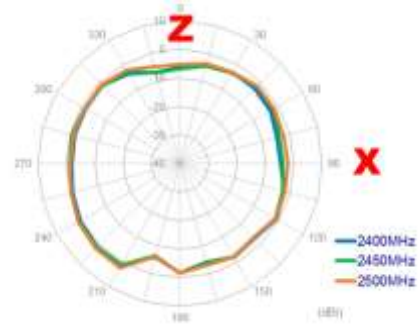
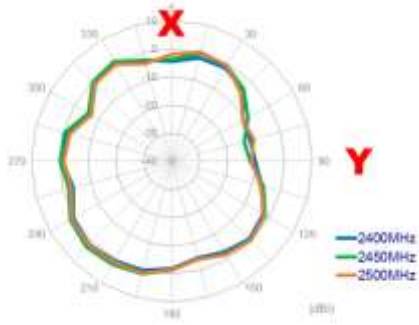
WIFI							
Frequency (MHz)	2400	2450	2500	5150	5350	5750	5850
Efficiency(%)							
TA-6B-A-WE01	73.13	76.15	79.21	90.63	88.92	73.91	67.82
Average Gain(dBi)							
TA-6B-A-WE01	-1.36	-1.18	-1.01	-0.43	-0.51	-1.31	-1.69
Peak Gain(dBi)							
TA-6B-A-WE01	2.23	2.17	2.20	4.59	2.81	2.67	2.90

II. Antenna Radiation Pattern Measurement:

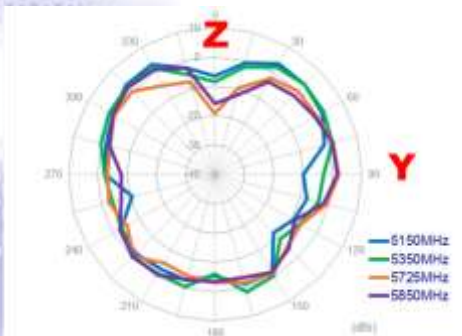
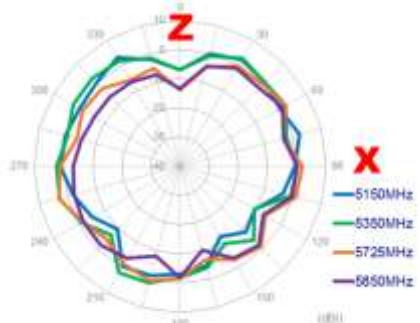
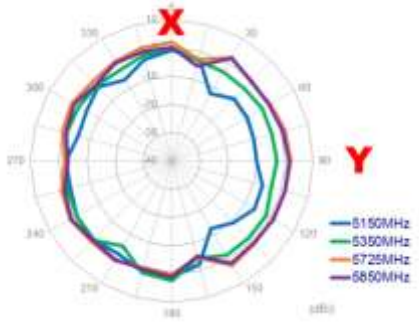


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2.4G Hz

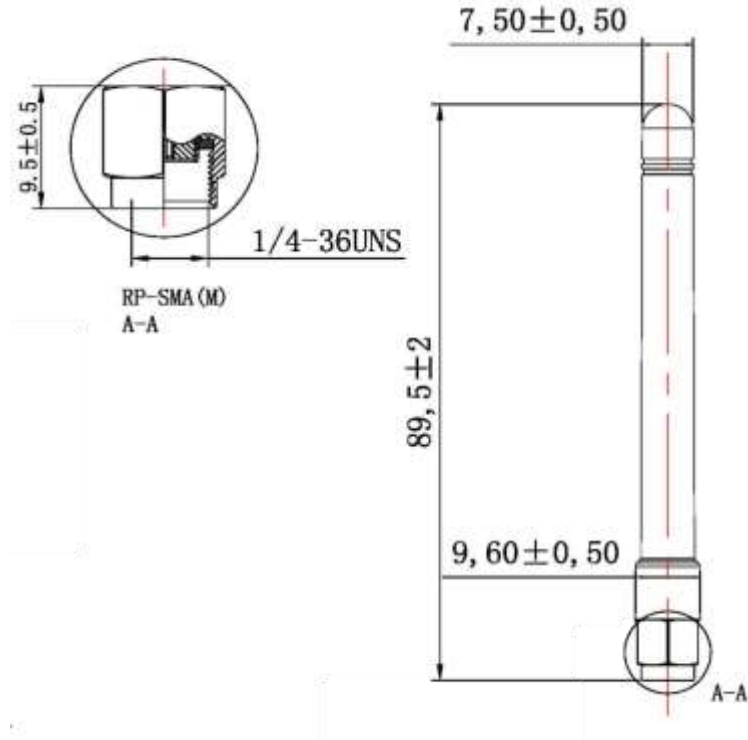


5.8G Hz



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III. Mechanical Drawing (Unit:mm):



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