

TP-LINK®

Antenna Specification



Product Number:

Product Name: Antenna

TP-LINK®

Specification For Approval

Date: _____

File No. : _____

Version: 1.0

Customer: _____ / _____

Customer P/N : _____ / _____

TP-LINK P/N: _____

Description: Archer AXE200 Omni(US)1.0 Bluetooth

TP-LINK Checked By:

Customer Approved By:

TP-LINK®

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Product Number:
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Index

I.	Specification	1
II.	Antenna – Radiation Pattern Test Data	2

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I. Specification

A. Electrical Characteristics	
Frequency	2400 ~ 2500MHz
Impedance	50 Ohm
S.W.R.	≤ 2.0
Antenna Type	IFA
Antenna Gain	3.0dBi@2.4~2.5GHz
Polarization	Linear
Radiation pattern	Omni-Directional

Product Number:
Product Name: Antenna

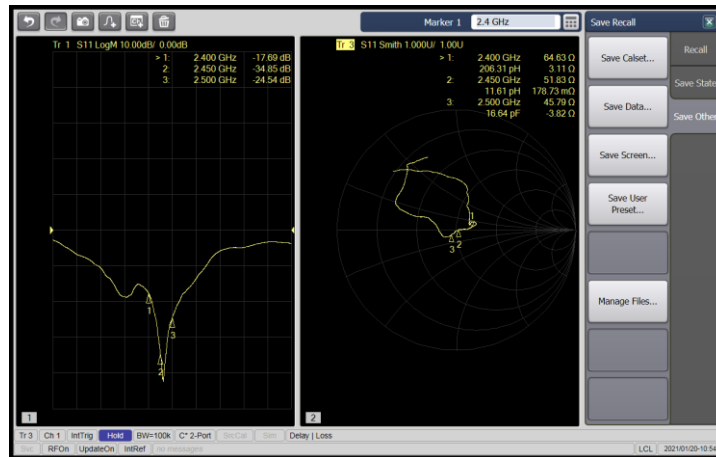


II. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Cal.Interval	Cal.Due Date
Microwave Chamber	General Test	RayZon-2800	1 year	2023/08/08
VNA	Keysight	P5022A	1 year	2023/05/27

III. Antenna – Radiation Pattern Test Data

S 参数

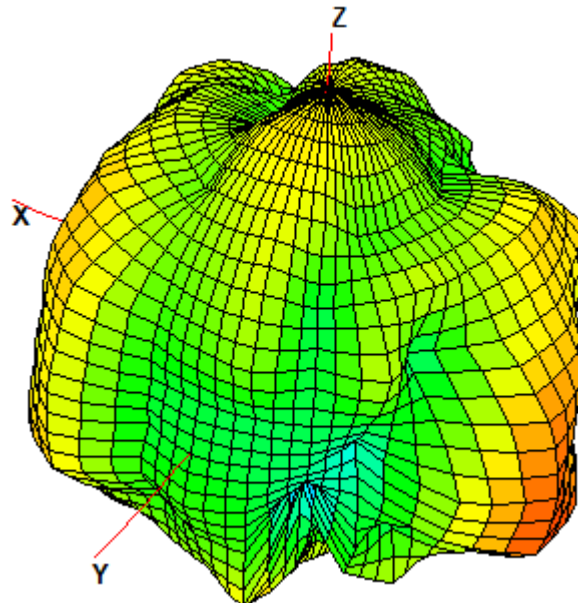


PeakGain

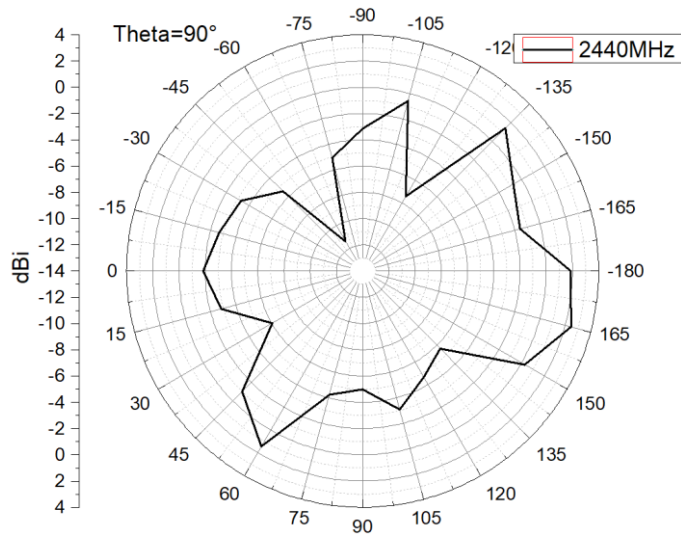
Peak Gain											
Freq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dB)	2.58	2.68	2.75	2.66	3.00	2.92	2.90	2.64	2.53	2.29	2.28

Efficiency

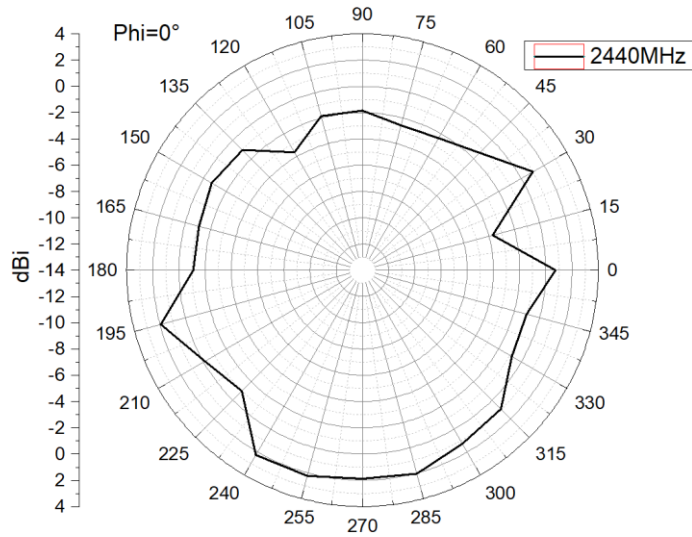
Efficiency											
Freq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
%	80.52	80.75	81.87	80.72	81.15	82.24	82.29	81.04	80.13	79.97	78.93



Theta=90°



Phi=0°



Phi=90°

