

**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 AX95(US)1.0

<b>TP-LINK Checked By:</b>
<b>Customer Approved By:</b>

**TP-LINK®**

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## I. Specification

<b>A. Electrical Characteristics</b>	
<b>Frequency</b>	2400~2500MHz&5150~5850MHz
<b>Impedance</b>	50 Ohm
<b>S.W.R.</b>	<= 2.0
<b>Antenna Type</b>	Monopole
<b>Antenna Gain</b>	3.0dBi@2.4~2.5GHz 3.0dBi@5.15~5.35GHz 3.0dBi@5.50~5.85GHz
<b>Polarization</b>	Linear
<b>Radiation pattern</b>	Omni-Directional

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## II. Antenna – Radiation Pattern Test Data

Testing Equipment Specification	
Microwave Chamber	ETS
Testing Equipment	Agilent 5071B

### PeakGain

2GHz Peak Gain											
Freq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Ant1	2.83	2.84	2.76	2.69	2.56	2.41	2.11	1.97	1.73	1.69	1.62
Ant2	3.00	2.81	2.53	2.30	2.14	2.29	2.57	2.86	2.82	2.65	2.44

5GL Peak Gain											
Freq (MHz)	5150	5200	5250	5300	5350						
Ant1	2.55	2.20	2.22	2.25	2.60						
Ant2	2.15	1.97	1.87	1.77	2.18						
Ant3	3.00	2.68	2.17	1.90	2.63						
Ant4	1.53	1.40	1.52	1.35	1.60						

5GU Peak Gain											
Freq (MHz)	5500	5550	5600	5650	5700	5750	5800	5850			
Ant1	1.42	1.82	2.19	1.88	2.32	2.75	2.91	3.00			
Ant2	2.14	2.29	2.31	2.36	2.24	2.74	2.76	2.99			

### Efficiency

2GHz Efficiency											
Freq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Ant1	76.53	76.82	76.31	75.83	75.32	74.77	74.38	75.36	75.85	75.77	75.27
Ant2	80.16	80.63	80.27	80.00	80.25	79.67	78.97	78.79	79.42	79.55	79.83

5GL Efficiency											
Freq (MHz)	5150	5200	5250	5300	5350						
Ant1	67.06	71.42	72.89	69.71	68.80						
Ant2	67.25	69.08	69.76	69.57	68.66						
Ant3	75.14	75.15	75.20	72.99	74.58						
Ant4	66.28	67.34	67.74	65.60	65.82						

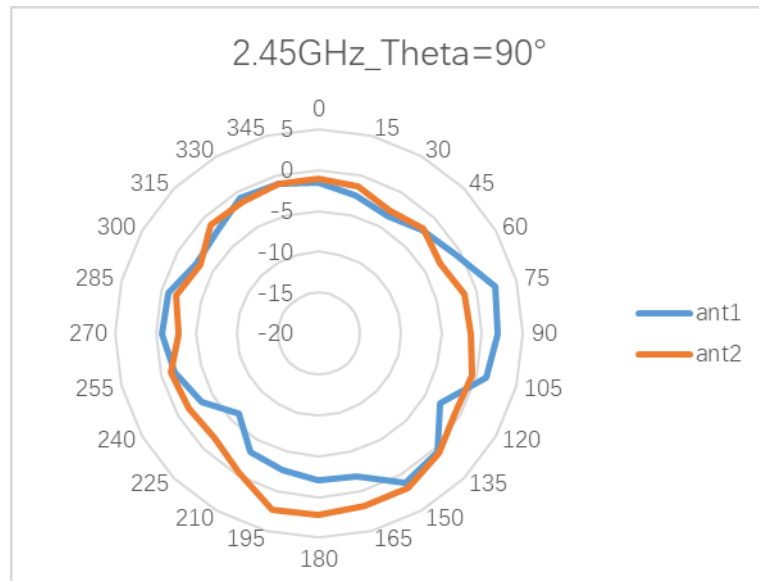
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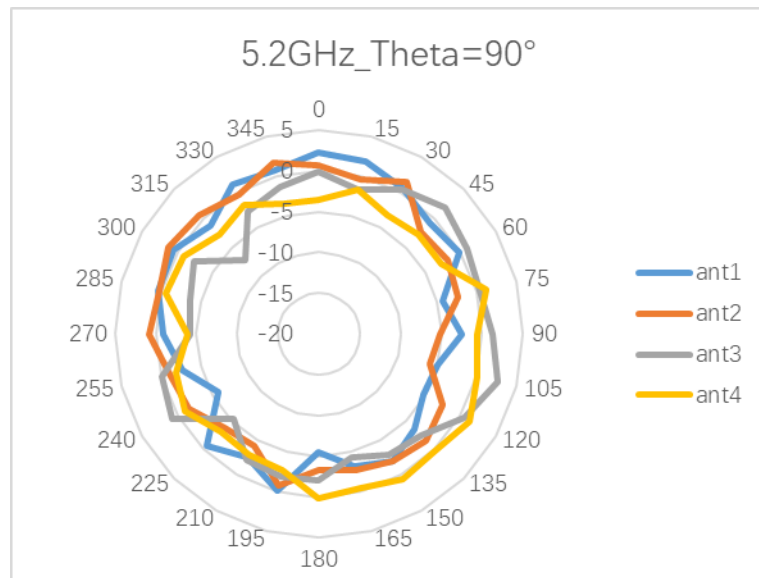
5GU Efficiency										
Freq (MHz)	5500	5550	5600	5650	5700	5750	5800	5850		
Ant1	68.90	70.45	73.76	71.92	71.55	71.31	71.18	72.09		
Ant2	70.42	71.69	74.81	73.86	73.01	73.09	72.28	74.69		

水平方向图

2.45GHz



5.2GHz



5.8GHz

