

# Antenna Specification

Product Model: Archer TX20U

Version: 1.0

Date: \_\_\_\_\_

Checked By: \_\_\_\_\_

**TP-Link Corporation Limited**  
Room 901, 9/F. , New East Ocean Centre,  
9 Science Museum Road, Tsim Sha Tsui,  
Kowloon, Hong Kong  
TEL: 00852-37585503  
<http://www.tp-link.com/en>

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# I. Antenna Distribution



# II. Electrical Characteristics

<b>Ant1</b>	
<b>Frequency</b>	2400-2500MHz&5150-5850MHz
<b>Impedance</b>	50Ohm
<b>Antenna Type</b>	Monopole
<b>Antenna Gain</b>	0.5dBi@2400-2500MHz 1.5dBi@5150-5850MHz
<b>Radiation pattern</b>	Omni-Directional

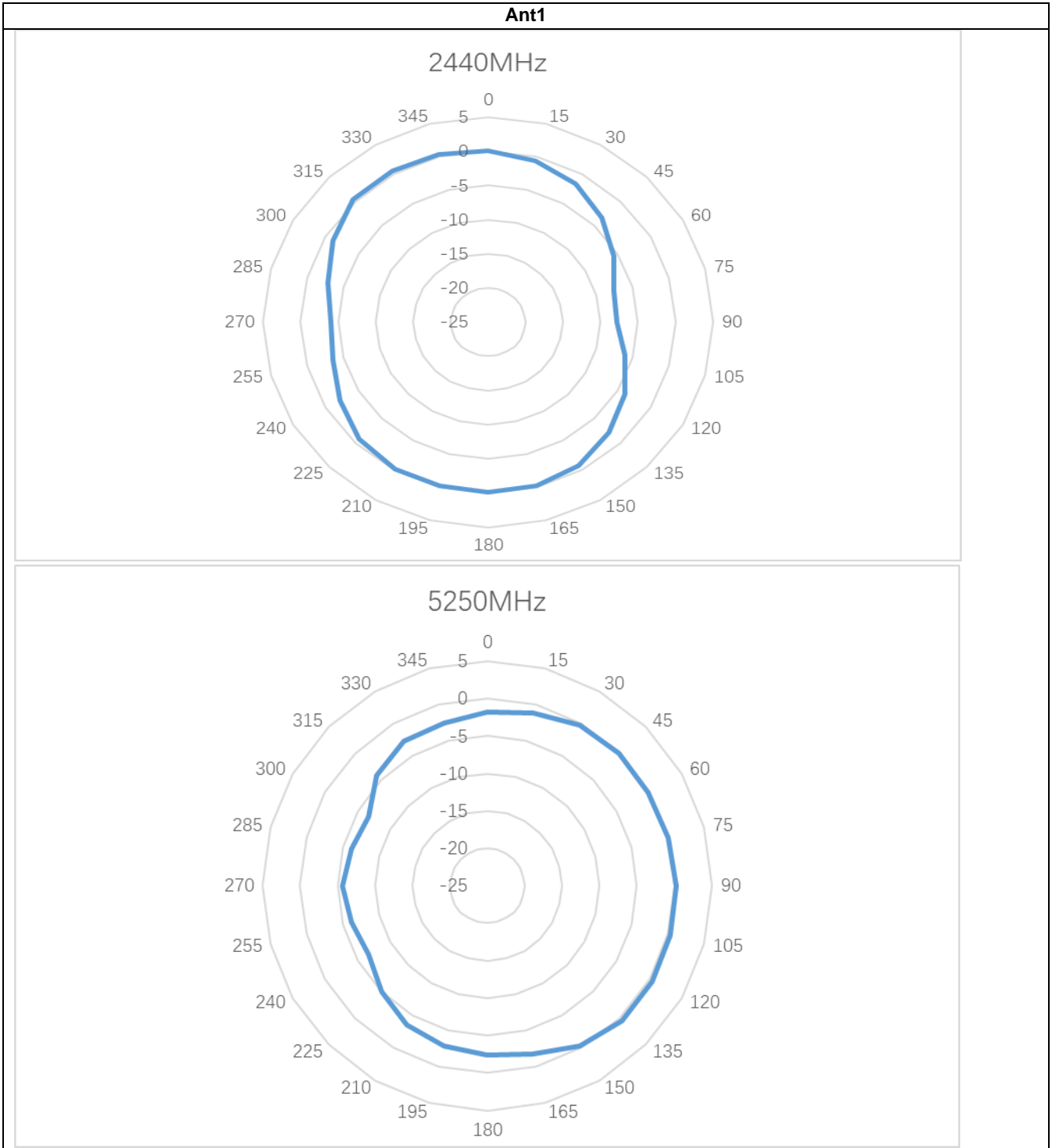
<b>Ant2</b>	
<b>Frequency</b>	2400-2500MHz&5150-5850MHz
<b>Impedance</b>	50Ohm
<b>Antenna Type</b>	Monopole
<b>Antenna Gain</b>	0.5dBi@2400-2500MHz 1.5dBi@5150-5850MHz
<b>Radiation pattern</b>	Omni-Directional

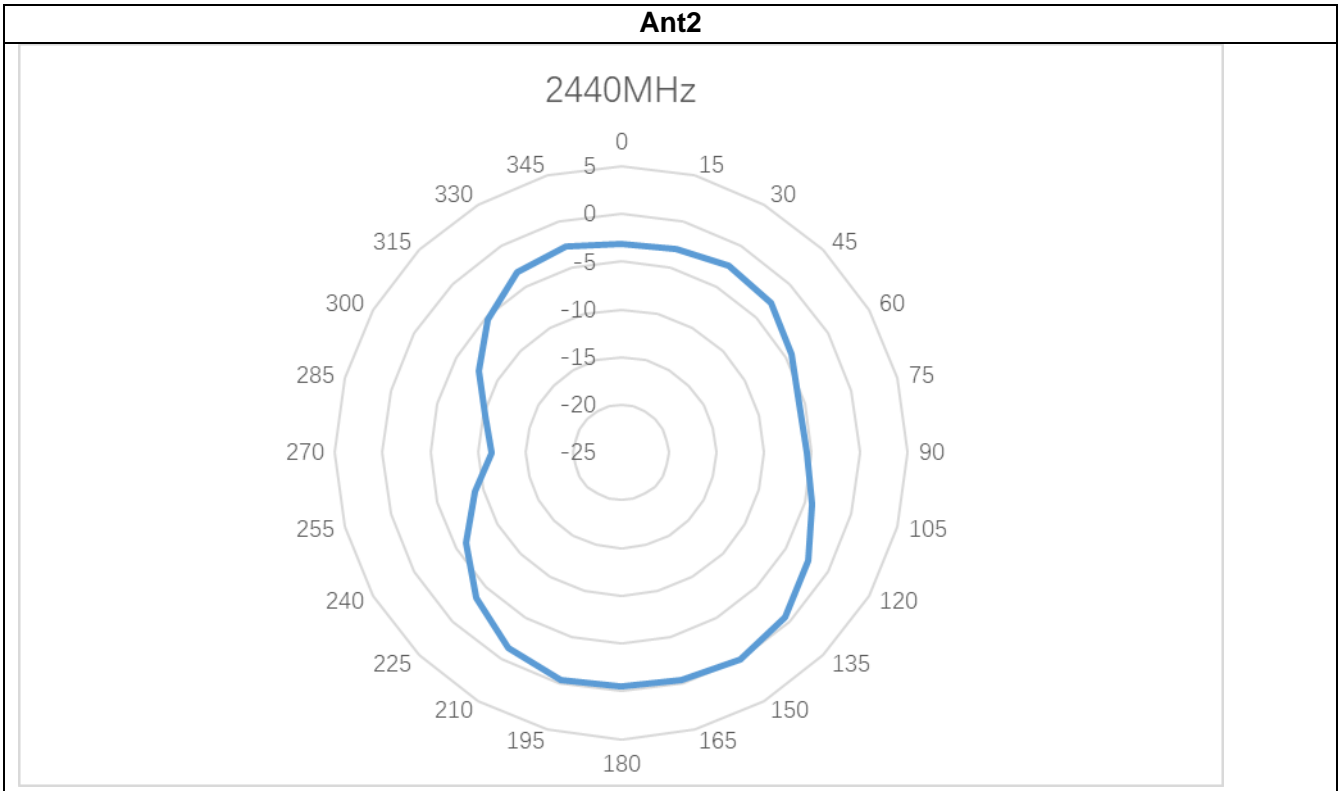
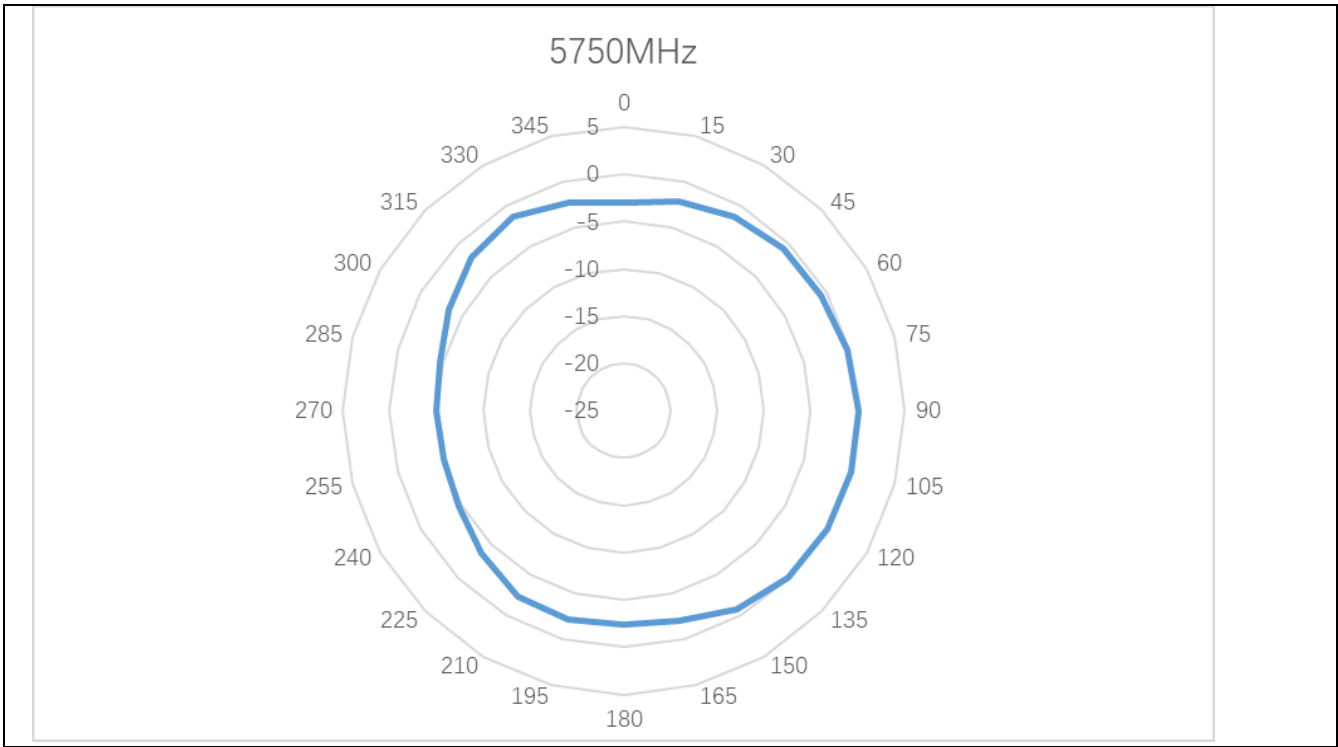
### III. Antenna Peak Gain

Ant1												
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	-0.44	-0.04	0.03	0.35	0.37	0.49	0.50	0.48	0.43	0.27	0.11	
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	1.33	1.50	1.44	1.31	1.26	1.25	1.34	1.21	1.30	1.35	1.02	1.26
Freq(MHz)	5750	5800	5850									
Gain(dBi)	1.45	1.38	1.38									

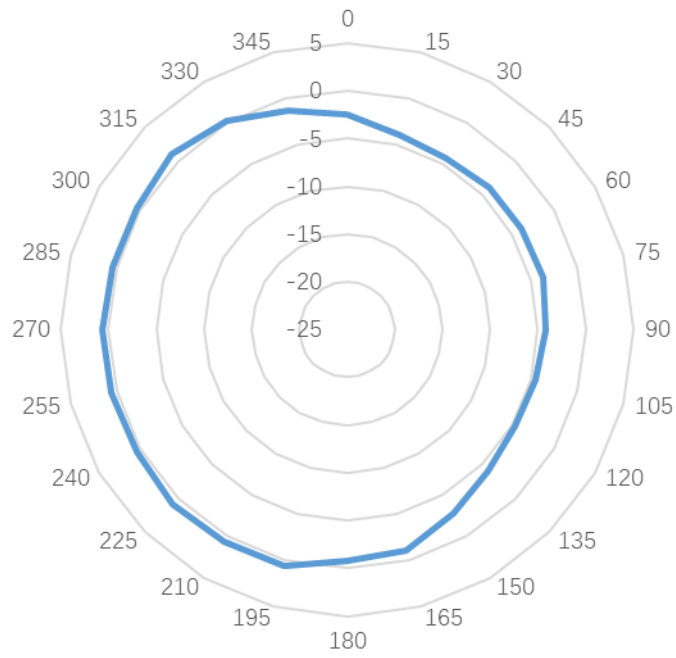
Ant2												
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	-0.08	0.19	0.35	0.41	0.46	0.49	0.50	0.31	0.13	-0.10	-0.31	
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	1.01	1.13	1.50	1.46	1.36	1.17	0.72	0.37	0.10	0.23	0.62	1.08
Freq(MHz)	5750	5800	5850									
Gain(dBi)	1.35	1.38	1.43									

# IV. Antenna Radiation Pattern





### 5250MHz



### 5750MHz

