

Antenna Specification

Product Model: Archer AX12(EU) 1.0

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

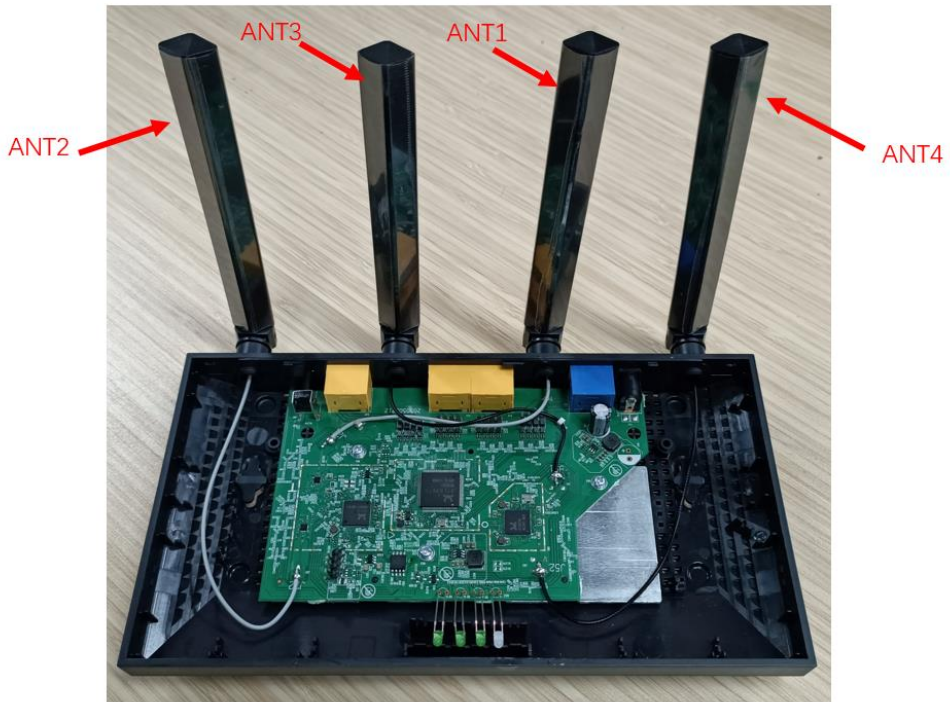
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I. Antenna Distribution

AX12(EU) 1.20



II. Electrical Characteristics

Ant1	
Frequency	2400~2500MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.00dBi@2400~2500MHz
Radiation pattern	Omni-Directional

Ant2	
Frequency	2400~2500MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	1.99dBi@2400~2500MHz
Radiation pattern	Omni-Directional

Ant3	
Frequency	5150~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	3.00dBi@5150~5850MHz
Radiation pattern	Omni-Directional

Ant4	
Frequency	5150~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.95dBi@5150~5850MHz
Radiation pattern	Omni-Directional

Antenna Peak Gain

Ant1												
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	1.1	1.19	1.28	1.35	1.47	1.52	1.72	1.86	1.91	2	1.1	

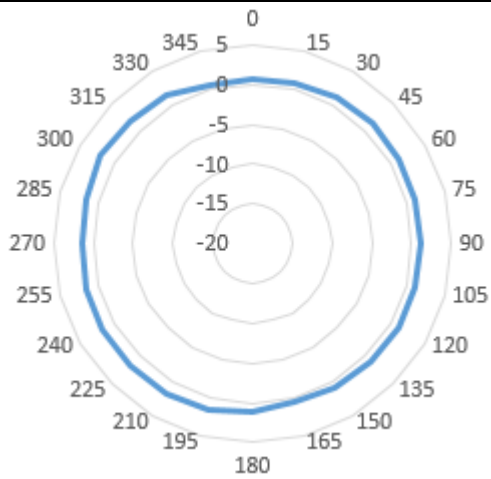
Ant2												
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	1.08	1.14	1.25	1.32	1.41	1.5	1.69	1.84	1.88	1.99	1.08	

Ant3												
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	2.34	2.04	1.31	2.22	2.59	2.73	2.64	2.42	3	2.64	2.8	2.48
Freq(MHz)	5750	5800	5850									
Gain(dBi)	2.86	2.66	2.04									

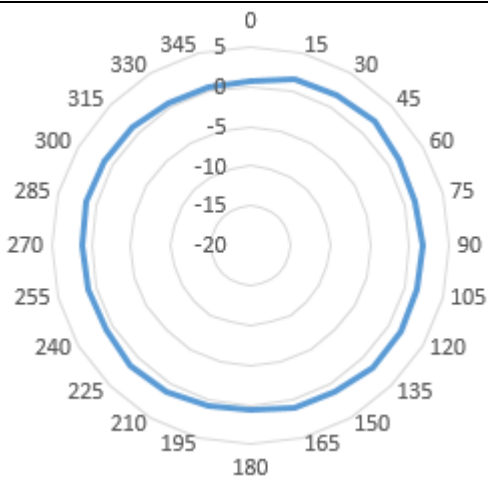
Ant4												
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	2.24	1.94	1.21	2.12	2.49	2.63	2.54	2.32	2.95	2.59	2.75	2.43
Freq(MHz)	5750	5800	5850									
Gain(dBi)	2.81	2.61	2									

Antenna Radiation Pattern

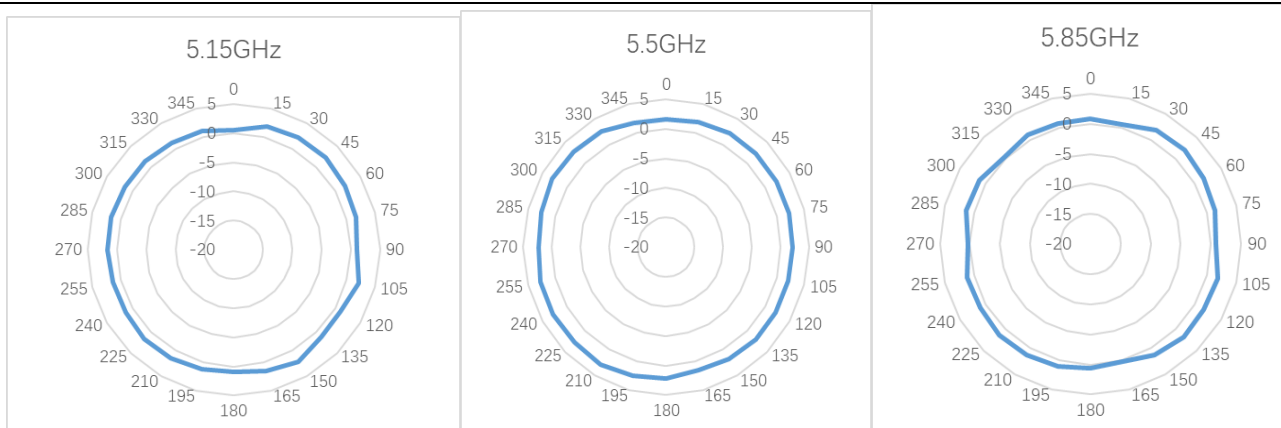
Ant1



Ant2



Ant3



Ant4

