

Antenna Specification

Product Model: Archer AX72 Pro(US) 1.0

Version: 1.0

Manufacturer: _____

Date: 2022-11-24

Checked By: _____

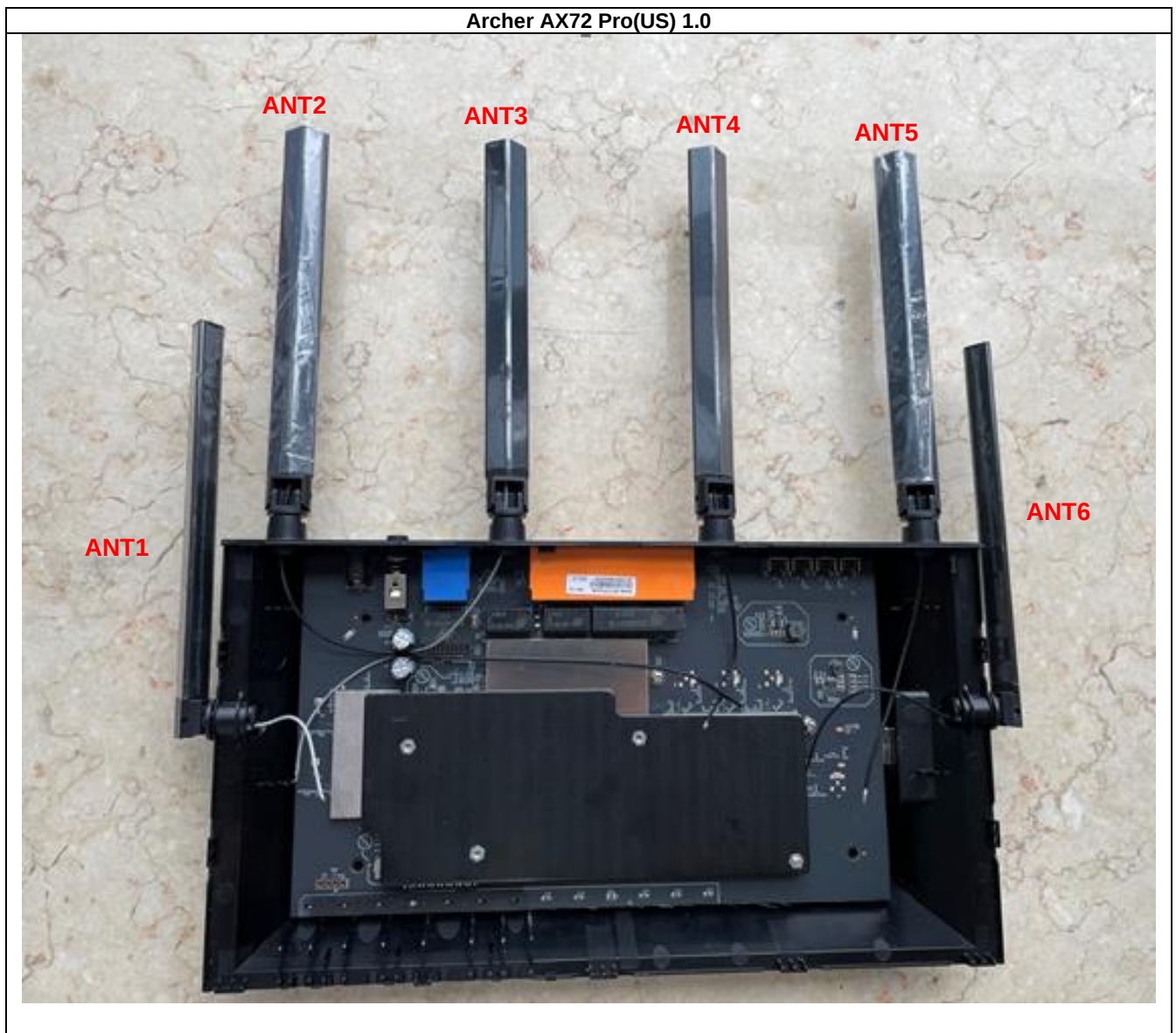
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I. Antenna Distribution



II. Electrical Characteristics

Ant1	
Frequency	2.4~2.5GHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.0dBi@2.4~2.5GHz
Radiation pattern	Omni-Directional

Ant2	
Frequency	5.15~5.85GHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.5dBi@5.15~5.85GHz
Radiation pattern	Omni-Directional

Ant3	
Frequency	2.4~2.5GHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.0dBi@2.4~2.5GHz
Radiation pattern	Omni-Directional

Ant4	
Frequency	5.15~5.85GHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.5dBi@5.15~5.85GHz
Radiation pattern	Omni-Directional

Ant5	
Frequency	5.15~5.85GHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.5dBi@5.15~5.85GHz
Radiation pattern	Omni-Directional

Ant6	
Frequency	5.15~5.85GHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.5dBi@5.15~5.85GHz
Radiation pattern	Omni-Directional

III. Antenna Peak Gain

*按照天线编号每隔天线单独给出各自工作频段内的最大增益。

Ant1												
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	1.47	1.57	1.51	1.37	1.41	1.62	1.54	1.63	1.79	1.68	2.00	

Ant2												
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	0.08	0.69	-0.07	0.04	-0.35	-0.44	-0.59	-0.54	0.05	0.75	1.39	2.01
Freq(MHz)	5750	5800	5850									
Gain(dBi)	2.19	2.50	1.94									

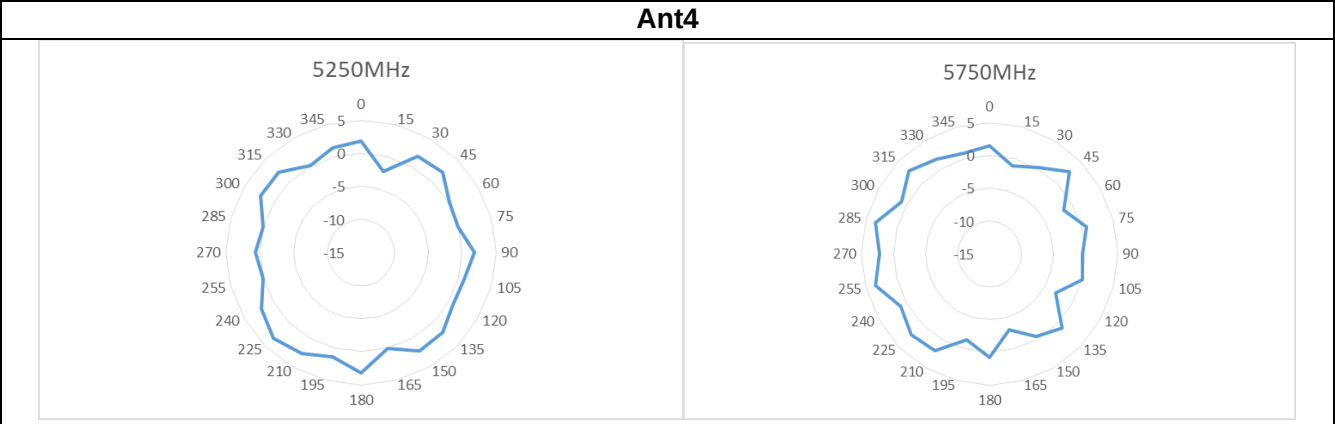
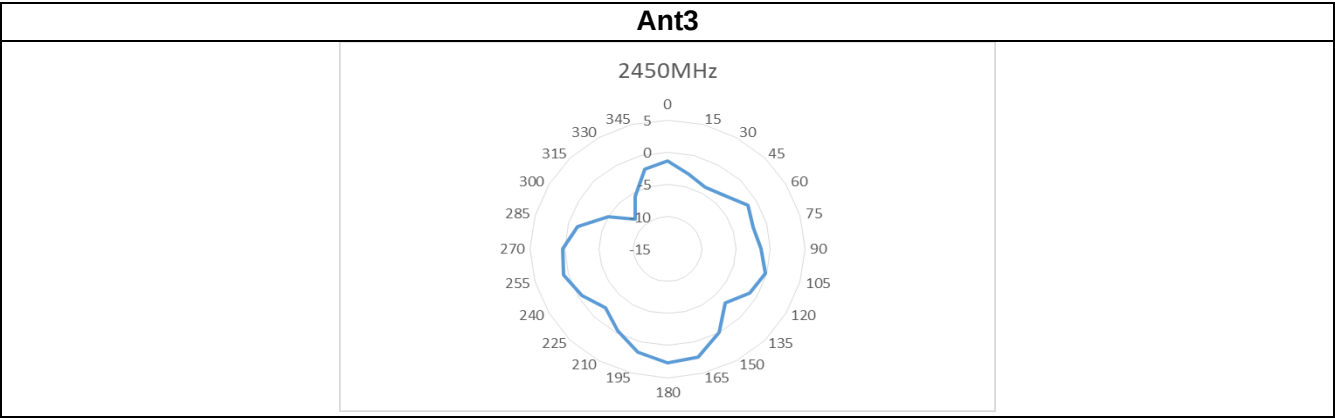
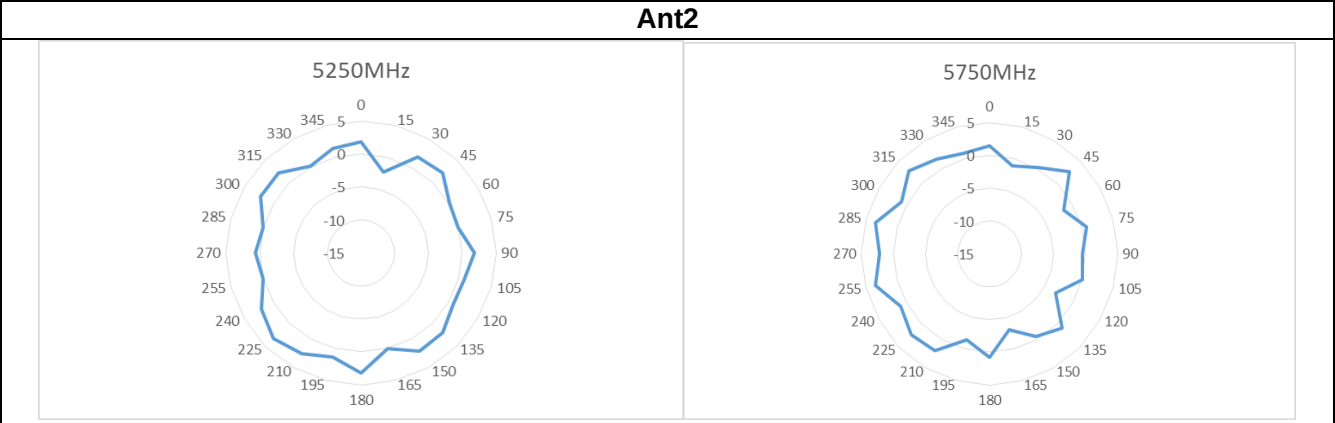
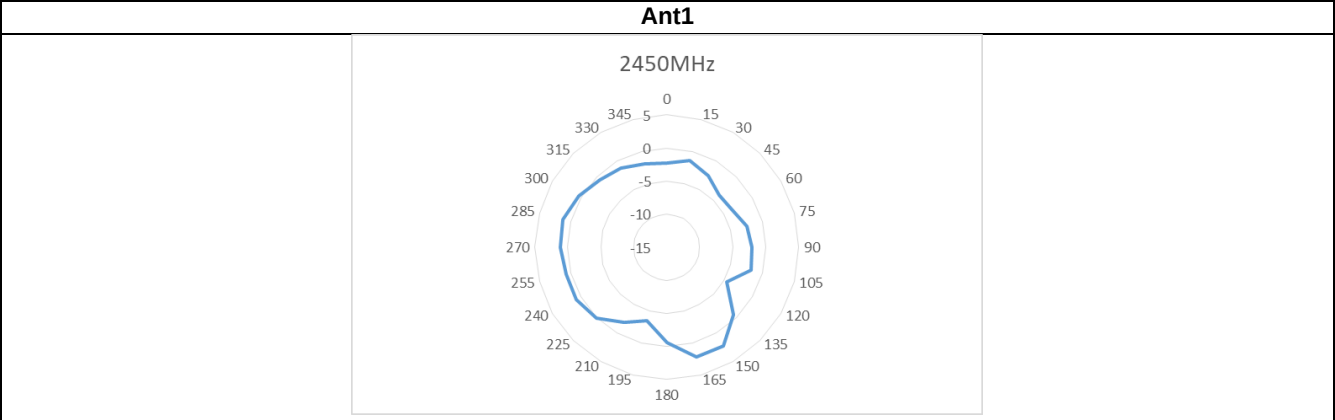
Ant3												
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	1.80	1.87	1.72	1.46	1.39	1.38	1.18	1.19	1.02	0.94	0.95	

Ant4												
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	1.21	1.91	1.48	1.55	1.04	0.77	0.87	1.45	1.71	2.24	2.46	2.50
Freq(MHz)	5750	5800	5850									
Gain(dBi)	2.25	2.23	1.63									

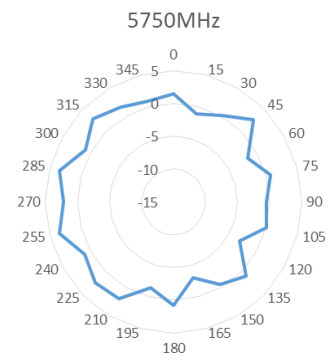
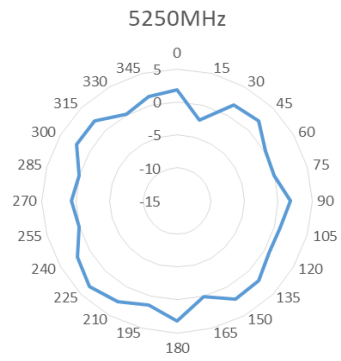
Ant5												
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	0.99	1.31	1.15	1.55	0.72	0.61	0.80	0.96	0.49	1.25	1.15	2.43
Freq(MHz)	5750	5800	5850									
Gain(dBi)	2.50	2.25	1.70									

Ant6												
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	0.77	1.11	1.31	2.25	2.27	2.04	1.54	1.44	1.62	1.55	1.84	2.50
Freq(MHz)	5750	5800	5850									
Gain(dBi)	2.36	2.35	2.06									

IV. Antenna Radiation Pattern



Ant5



Ant6

