

Antenna Specification

Product Model: Archer TX20U

Version: 1.0

Date: _____

Checked By: _____

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I. Antenna Distribution



II. Electrical Characteristics

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

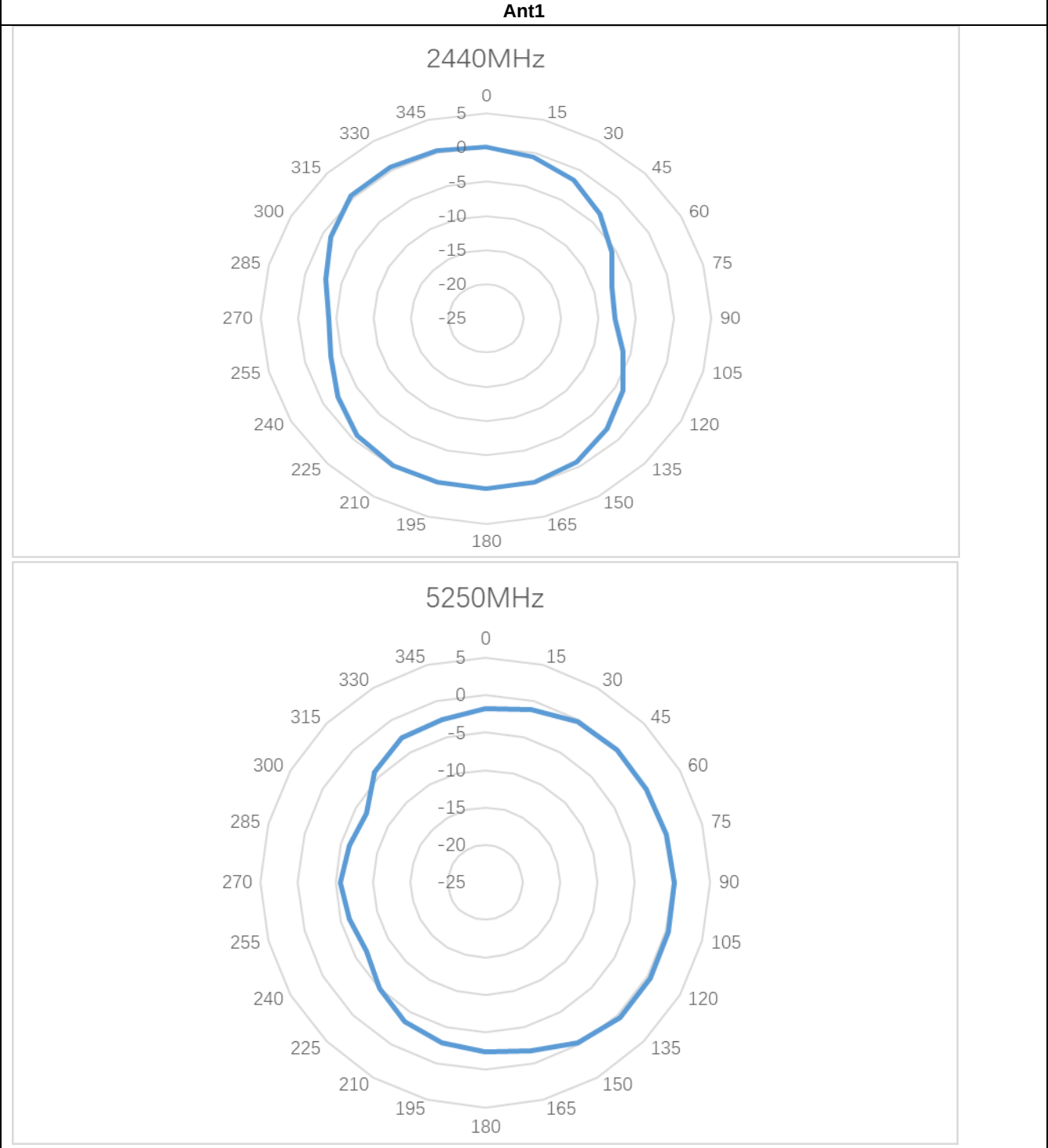
Ant2	
Frequency	2400-2500MHz&5150-5850MHz
Impedance	50Ohm
Antenna Type	Monopole
Antenna Gain	0.5dBi@2400-2500MHz 1.5dBi@5150-5850MHz
Radiation pattern	Omni-Directional

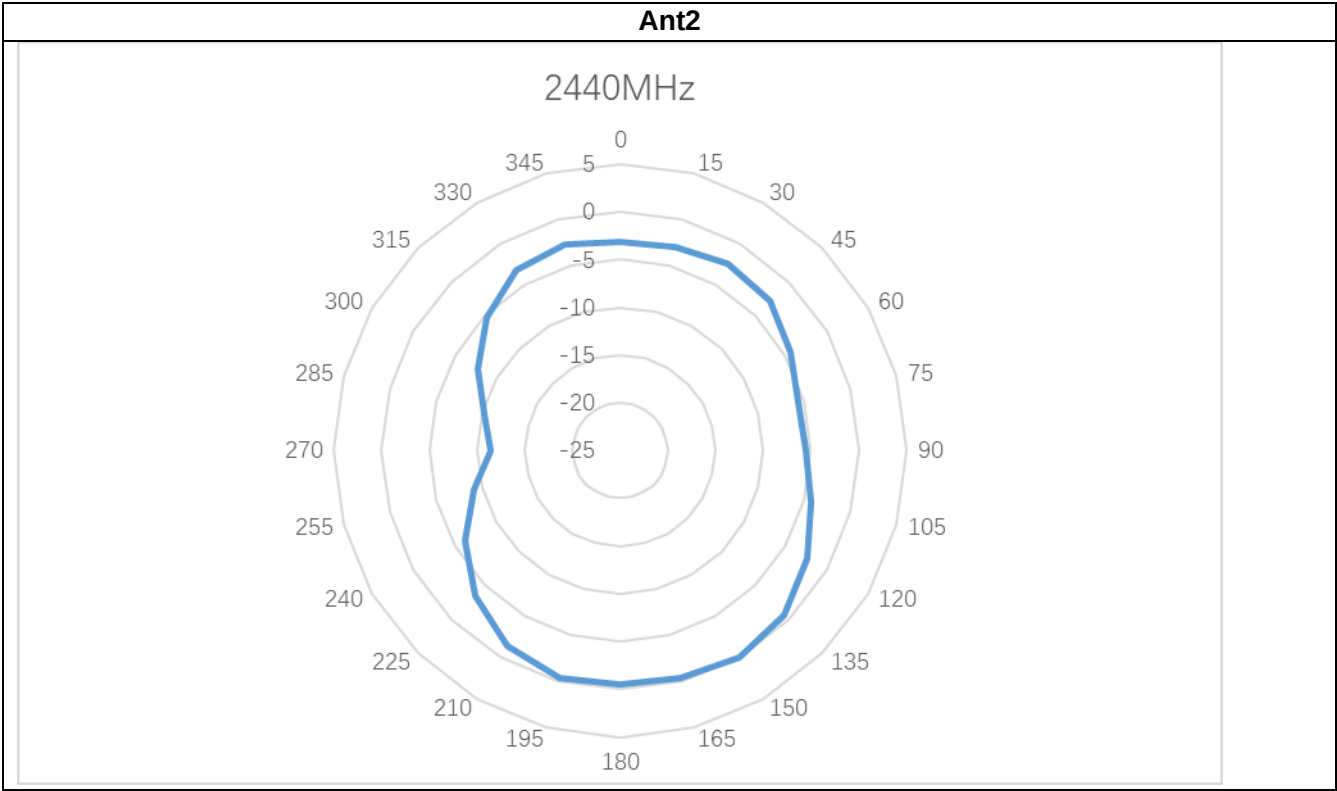
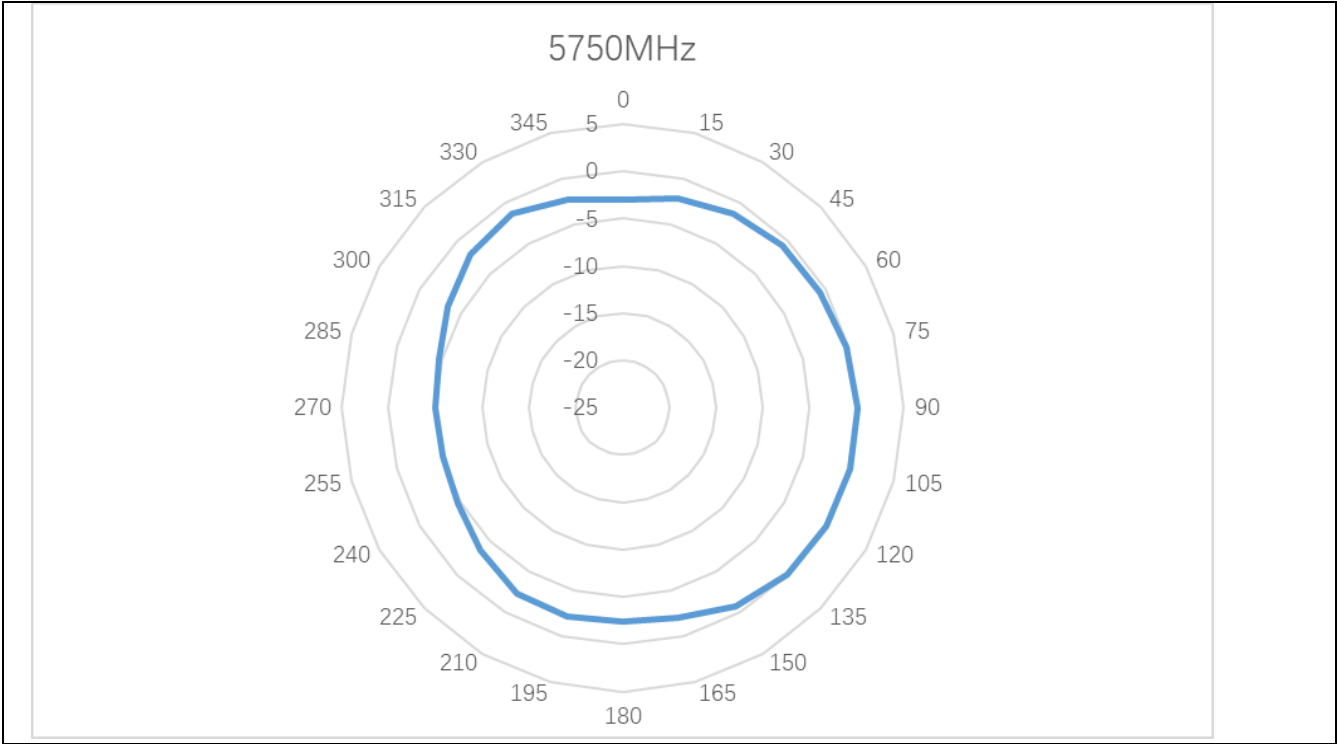
III. Antenna Peak Gain

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									

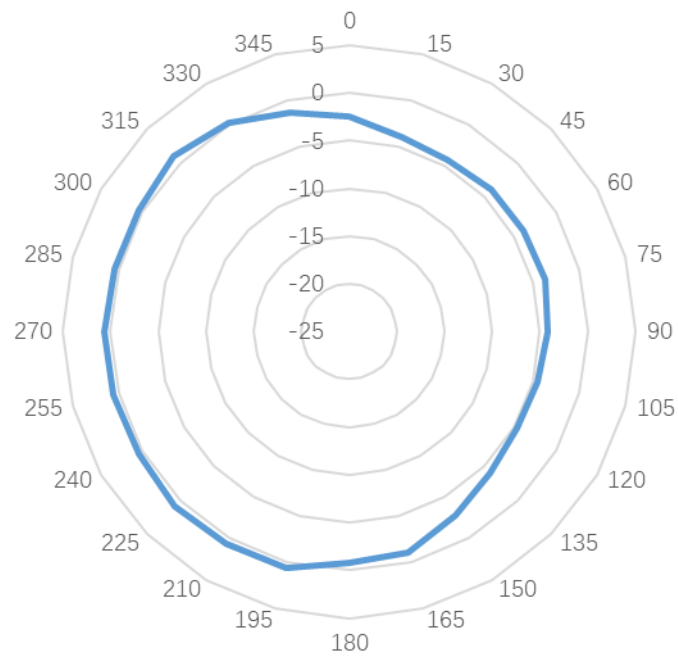
Ant2												
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	-0.08	0.19	0.35	0.41	0.46	0.49	0.50	0.31	0.13	-0.10	-0.31	
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700
Gain(dBi)	1.01	1.13	1.50	1.46	1.36	1.17	0.72	0.37	0.10	0.23	0.62	1.08
Freq(MHz)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

IV. Antenna Radiation Pattern





5250MHz



5750MHz

