

Antenna Specification

Product Model: Archer BE550

Version: 1.0

Date: _____

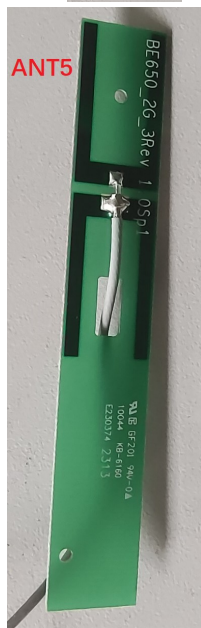
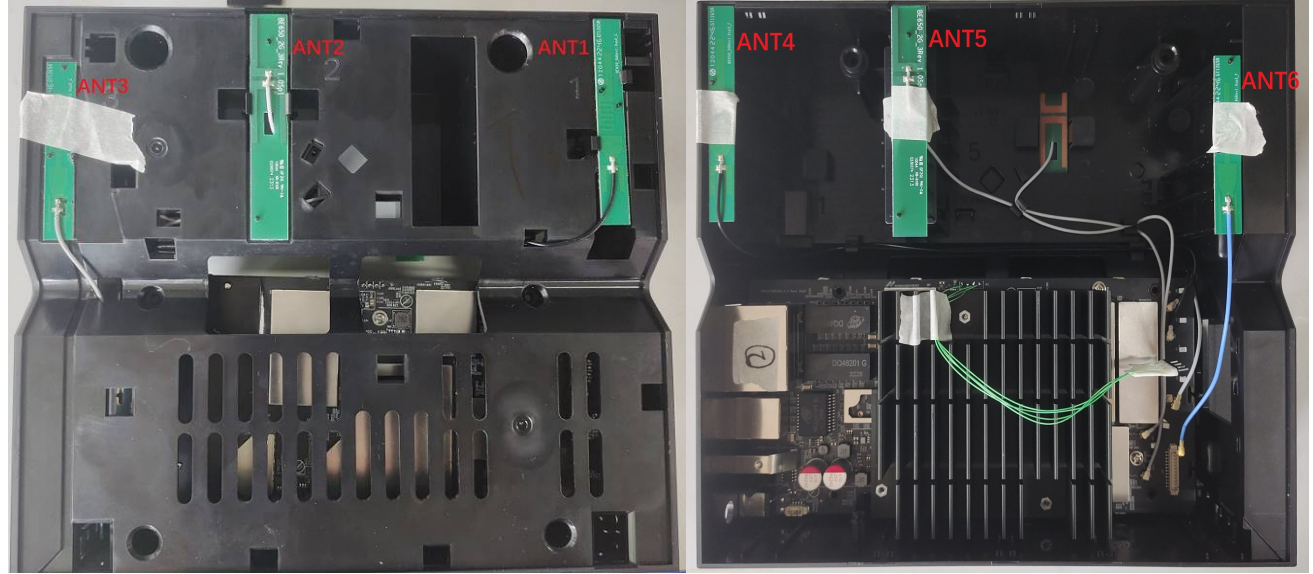
Checked By: _____

Index

I. Antenna Distribution.....	3
II. Electrical Characteristics	4
III. Antenna Peak Gain.....	4
IV. Antenna Radiation Pattern	5

I. Antenna Distribution

Archer BE550



II. Electrical Characteristics

Ant1	
Frequency	5150~5850MHz
Impedance	50Ohm
Antenna Type	Diople
Antenna Gain	3.0dBi
Radiation pattern	Omni-Directional

Ant2	
Frequency	2400~2500MHz
Impedance	50Ohm
Antenna Type	Diople
Antenna Gain	2.0dBi
Radiation pattern	Omni-Directional

Ant3	
Frequency	5925~7125MHz
Impedance	50Ohm
Antenna Type	Diople
Antenna Gain	3.0dBi
Radiation pattern	Omni-Directional

Ant4	
Frequency	5150~5850MHz
Impedance	50Ohm
Antenna Type	Diople
Antenna Gain	3.0dBi
Radiation pattern	Omni-Directional

Ant5	
Frequency	2400~2500MHz
Impedance	50Ohm
Antenna Type	Diople
Antenna Gain	2.0dBi
Radiation pattern	Omni-Directional

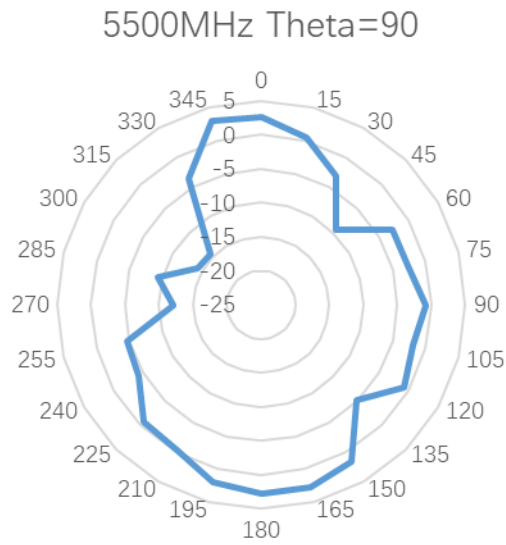
Ant6	
Frequency	5925~7125MHz
Impedance	50Ohm
Antenna Type	Diople
Antenna Gain	3.0dBi
Radiation pattern	Omni-Directional

III. Antenna Peak Gain

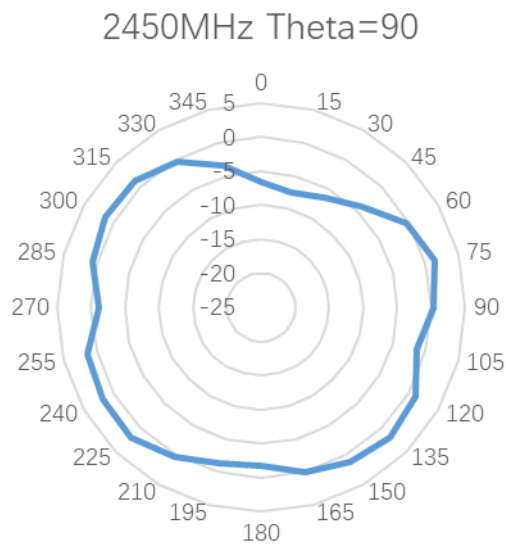
Ant1											
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650
Gain(dBi)	2.20	2.44	2.58	3.00	2.71	2.62	2.74	2.40	2.25	2.91	2.43
Freq(MHz)	5700	5750	5800	5850							
Gain(dBi)	2.91	2.84	2.58	2.09							
Ant2											
Freq(MHz)	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2400
Gain(dBi)	1.47	1.44	1.39	1.39	1.60	1.60	1.85	1.61	1.81	2.00	1.60
Ant3											
Freq(MHz)	5925	5975	6025	6075	6125	6175	6225	6275	6325	6375	6425
Gain(dBi)	1.12	1.17	1.27	1.74	1.65	2.16	2.43	2.64	3.00	2.82	2.83
Freq(MHz)	6475	6525	6575	6625	6675	6725	6775	6825	6875	6925	6975
Gain(dBi)	2.40	1.11	1.19	1.97	1.45	2.62	2.39	2.55	2.69	2.61	2.85
Freq(MHz)	7025	7075	7125								
Gain(dBi)	1.61	1.24	1.34								
Ant4											
Freq(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650
Gain(dBi)	1.29	2.69	2.71	2.38	2.81	2.23	1.81	2.26	2.13	2.45	2.12
Freq(MHz)	5700	5750	5800	5850							
Gain(dBi)	2.36	2.60	2.78	3.00							
Ant5											
Freq(MHz)	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2400
Gain(dBi)	1.62	1.52	1.31	0.88	1.45	1.29	0.99	1.81	2.00	1.97	1.61
Ant6											
Freq(MHz)	5925	5975	6025	6075	6125	6175	6225	6275	6325	6375	6425
Gain(dBi)	1.44	1.50	1.49	1.02	1.28	1.42	1.32	1.31	1.83	1.96	2.30
Freq(MHz)	6475	6525	6575	6625	6675	6725	6775	6825	6875	6925	6975
Gain(dBi)	2.42	2.14	2.16	1.92	2.36	2.49	2.88	3.00	2.85	2.74	2.78
Freq(MHz)	7025	7075	7125								
Gain(dBi)	2.87	2.49	1.79								

IV. Antenna Radiation Pattern

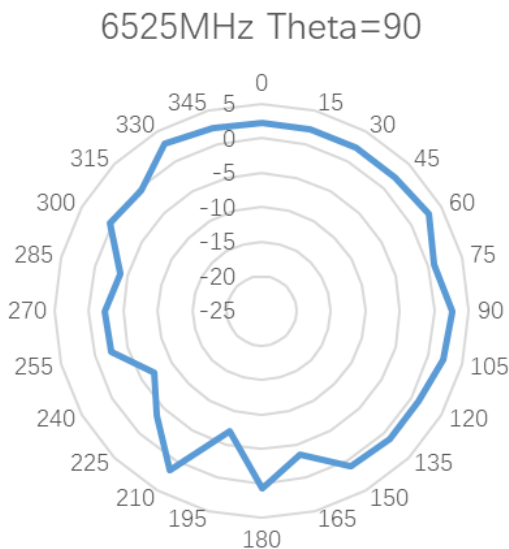
Ant1



Ant2

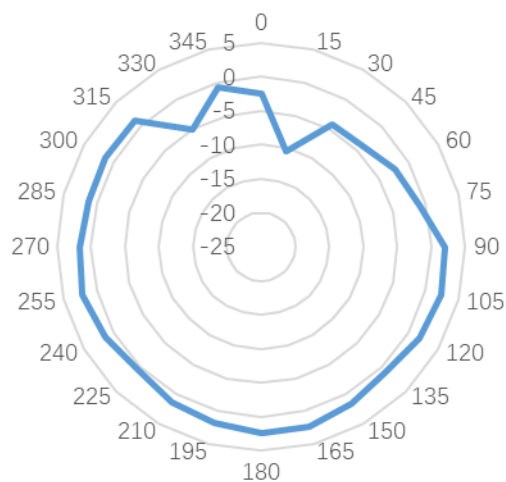


Ant3



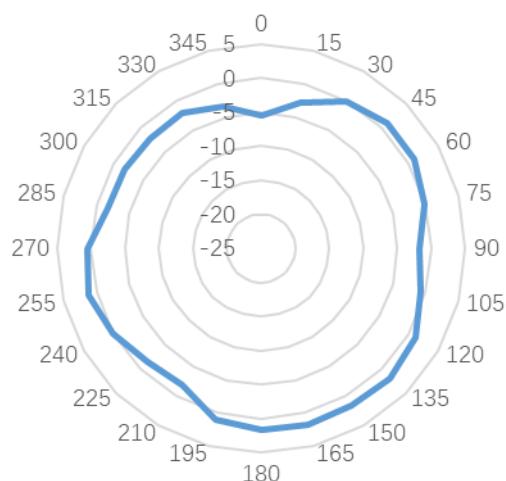
Ant4

5500MHz Theta=90



Ant5

2450MHz Theta=90



Ant6

6525MHz Theta=90

