

Antenna Specification

Product Model: Deco X75(US) 2.0

Version: 1.0

Manufacturer: _____

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

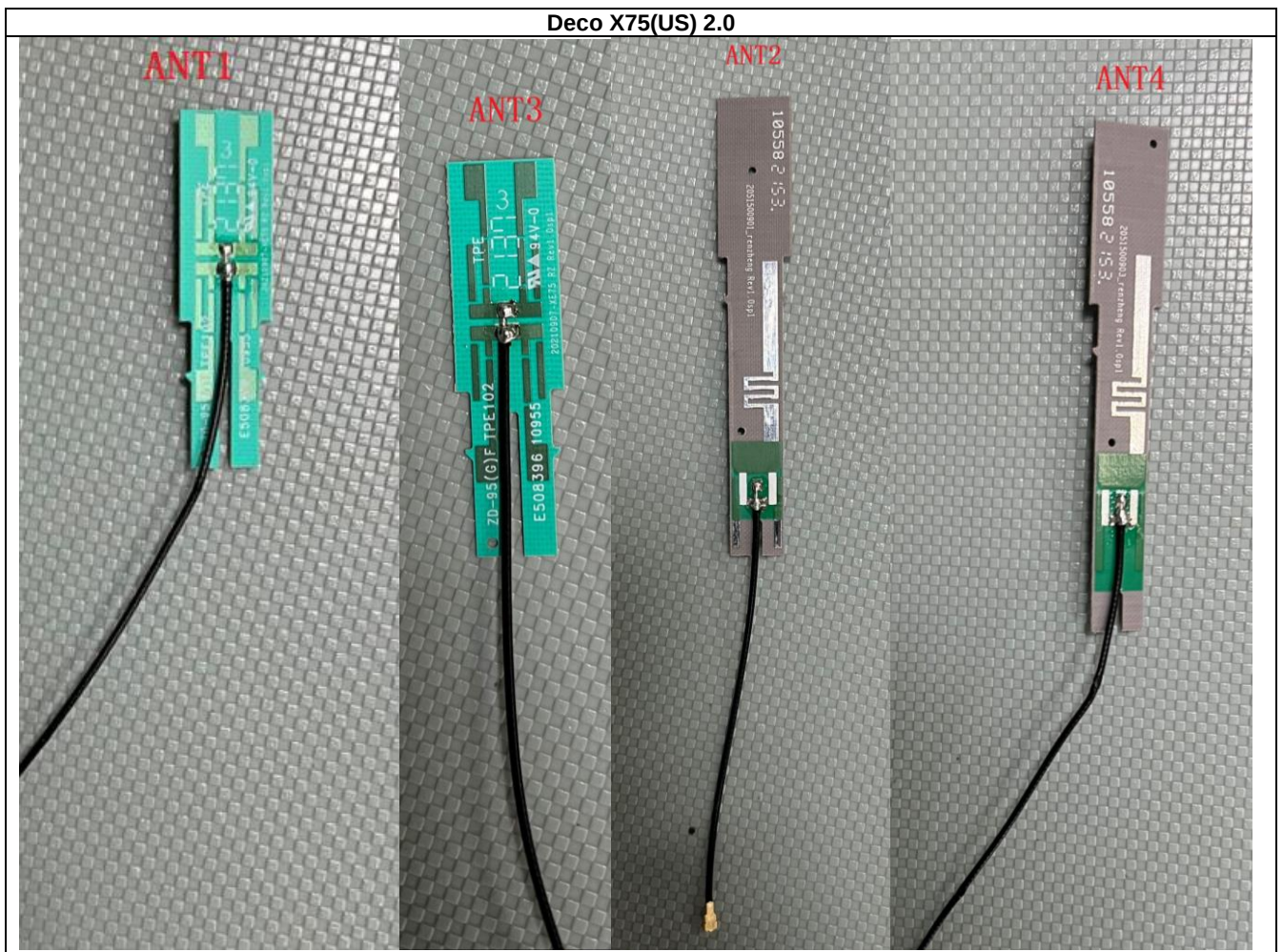
TEL: 00852-37585503

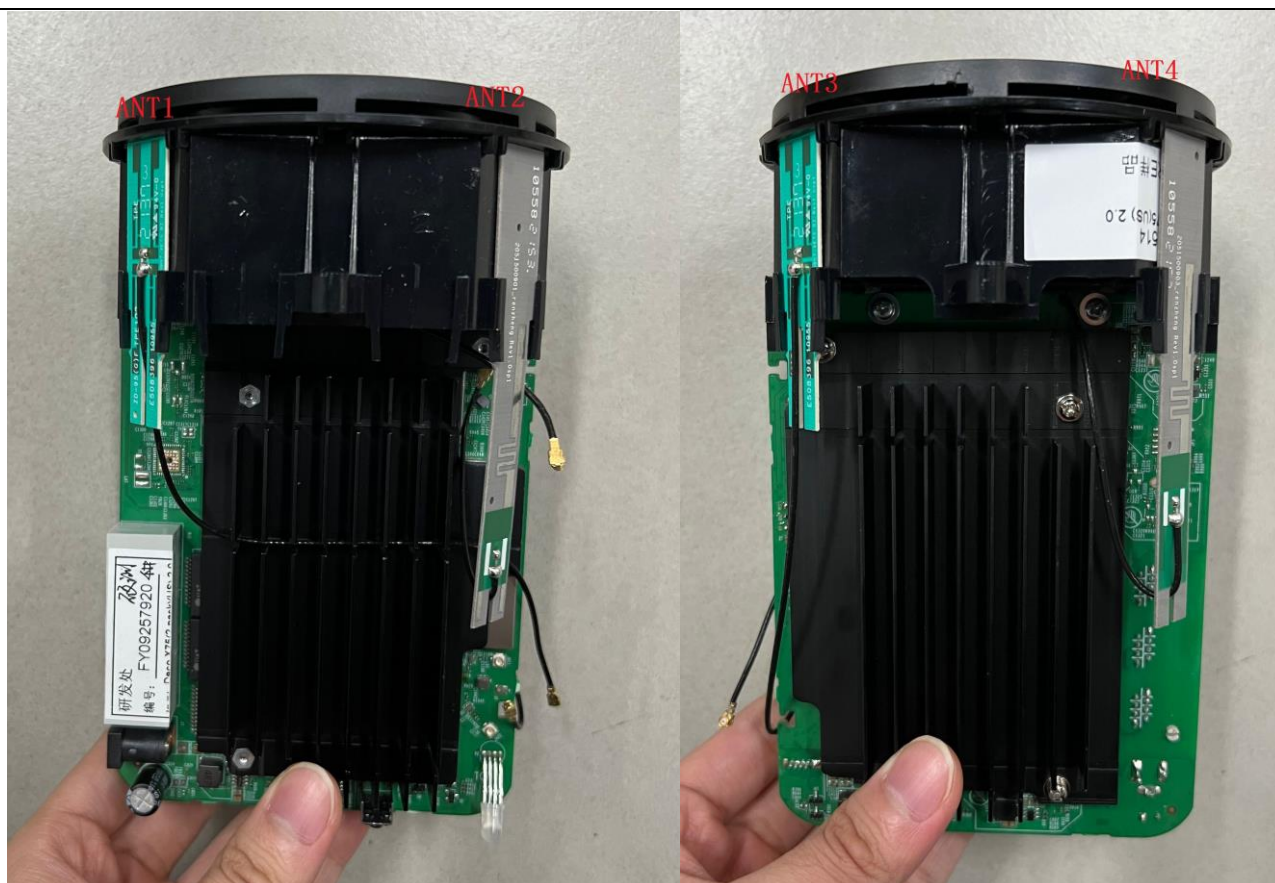
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I. Antenna Distribution





II. Electrical Characteristics

Ant1	
Frequency	2400~2500 & 5150~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	1.95dBi@2400~2500MHz 0.92dBi@5150~5850MHz
Radiation pattern	Omni-Directional

Ant3	
Frequency	2400~2500 & 5150~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	1.91dBi@2400~2500MHz 0.99dBi@5150~5850MHz
Radiation pattern	Omni-Directional

Ant2	
Frequency	5500~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	0.94dBi@5500~5850MHz
Radiation pattern	Omni-Directional

Ant4	
Frequency	5500~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	0.97dBi@5500~5850MHz
Radiation pattern	Omni-Directional

III. Antenna Peak Gain

Ant1											
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	1.37	1.56	1.68	1.78	1.80	1.79	1.80	1.81	1.81	1.90	1.95
Frequency(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650
Gain(dBi)	0.58	0.63	0.70	0.73	0.88	0.92	0.85	0.67	0.61	0.53	0.53
Frequency(MHz)	5700	5750	5800	5850							
Gain(dBi)	0.68	0.73	0.83	0.68							

Ant3											
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	1.81	1.82	1.73	1.69	1.75	1.72	1.71	1.75	1.82	1.91	1.83
Frequency(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650
Gain(dBi)	0.71	0.82	0.84	0.87	0.72	0.78	0.81	0.96	0.99	0.91	0.81
Frequency(MHz)	5700	5750	5800	5850							
Gain(dBi)	0.93	0.88	0.81	0.88							

Ant2								
Frequency(MHz)	5500	5550	5600	5650	5700	5750	5800	5850
Gain(dBi)	0.88	0.94	0.85	0.83	0.79	0.85	0.86	0.77

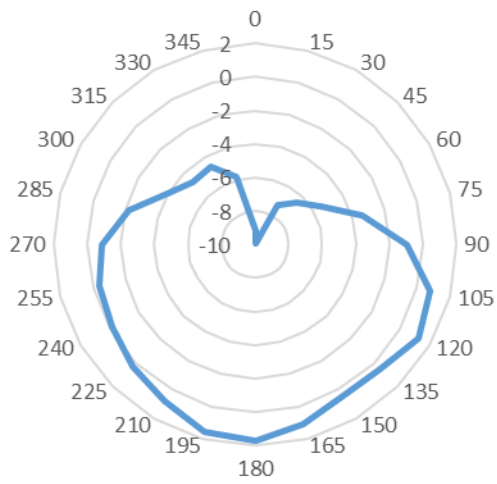
Ant4								
Frequency(MHz)	5500	5550	5600	5650	5700	5750	5800	5850
Gain(dBi)	0.82	0.87	0.93	0.97	0.86	0.81	0.78	0.76

IV. Antenna Radiation Pattern

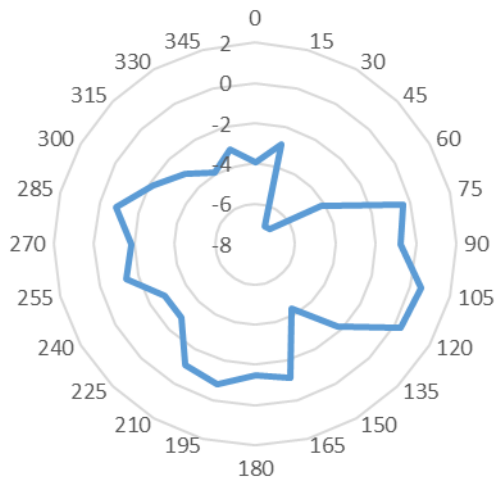


Ant3

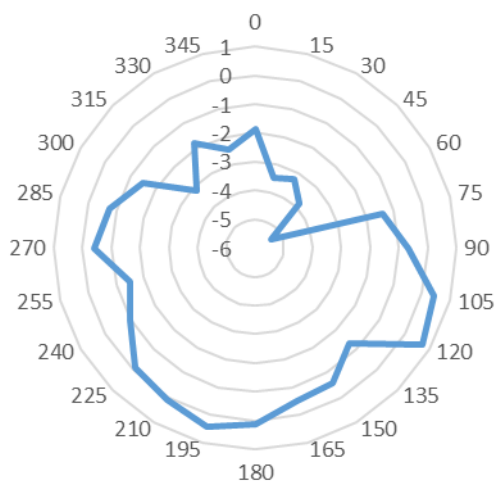
2.44GHz



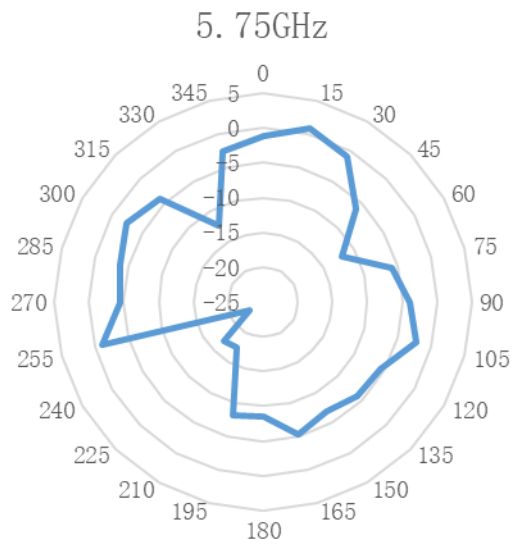
5.25GHz



5.75GHz



Ant2



Ant4

