

Antenna Specification

Specification For Approval

Date: _____

File No. : _____

Version: 1.0

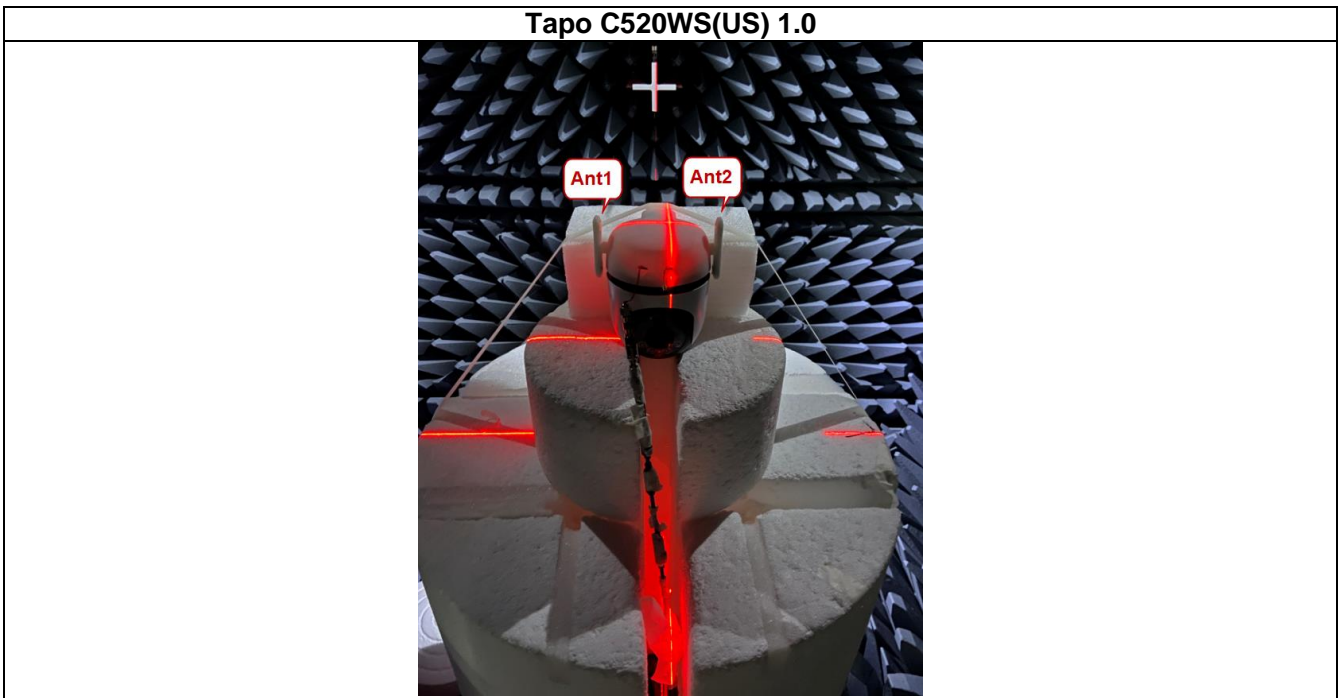
Product Model: Tapo C520WS(US) 1.0

Checked By:

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I. Antenna Distribution



II. Electrical Characteristics

Ant1	
Frequency	2400~2500MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	1.00dBi@2400~2500MHz
Radiation pattern	Omni-Directional

Ant2	
Frequency	2400~2500MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	1.00dBi@2400~2500MHz
Radiation pattern	Omni-Directional

III. Antenna Peak Gain

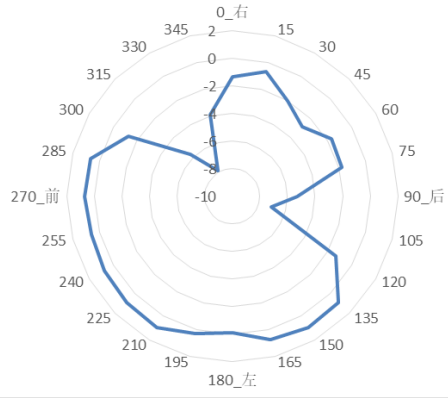
Ant1												
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	-0.25	0.07	0.02	-0.24	1.00	0.89	0.69	0.82	0.90	0.93	0.92	

Ant2												
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	
Gain(dBi)	0.75	0.69	0.71	0.66	0.72	1.00	0.74	0.85	0.91	0.74	0.86	

IV. Antenna Radiation Pattern

Ant1	
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$\theta=90^\circ$ Farfield Gain at 2.45GHz



Ant2

$\theta=90^\circ$ Farfield Gain at 2.45GHz

