

Antenna Specification

Product Model: Tapo C840

Manufacturer: TP-LINK CORPORATION PTE. LTD.

Date: 2024.03.18

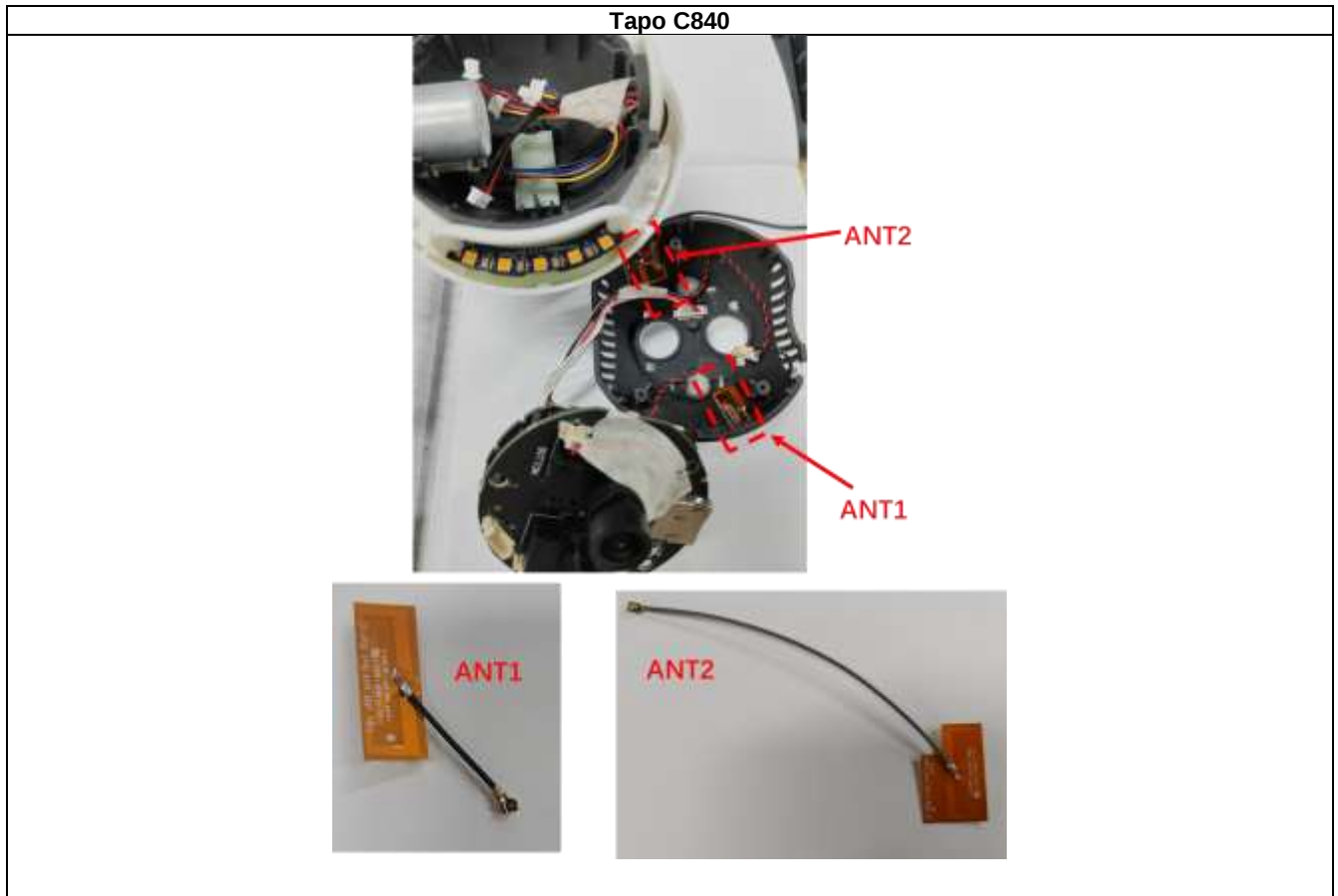
Checked By: Chen Xuemeng

TP-LINK CORPORATION PTE. LTD.
7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

Index

1.	Antenna Distribution.....	3
2.	Electrical Characteristics	3
3.	S Parameter Test Data	4
4.	Antenna Peak Gain	4
5.	Antenna Radiation Pattern	4

1. Antenna Distribution

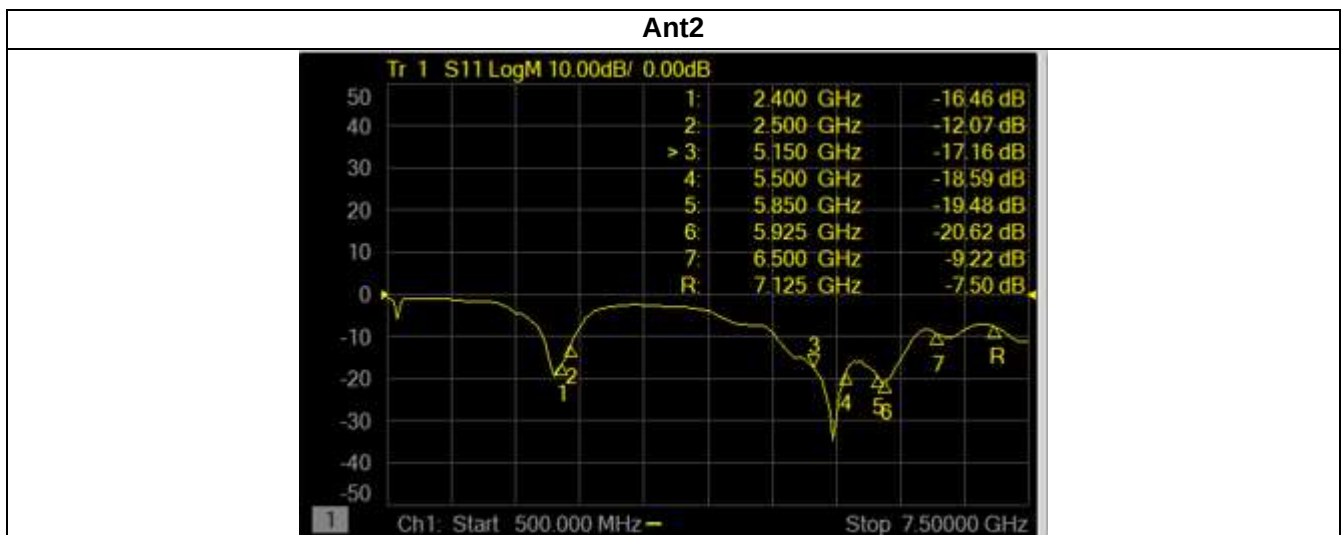


2. Electrical Characteristics

Ant1	
Frequency	2400~2500 & 5150~5895MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	0.50dBi@2400~2500MHz 0.20dBi@5150~5250MHz 0.30dBi@5250~5350MHz 0.50dBi@5470~5725MHz 0.30dBi@5725~5895MHz
Radiation pattern	Omni-Directional
P/N	Tapo C840+ANT1

Ant2	
Frequency	2400~2500 & 5150~5895MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	0.50dBi@2400~2500MHz 0.15dBi@5150~5250MHz 0.30dBi@5250~5350MHz 0.40dBi@5470~5725MHz 0.50dBi@5725~5895MHz
Radiation pattern	Omni-Directional
P/N	Tapo C840+ANT2

3. S Parameter Test Data



4. Antenna Peak Gain

Frequency(GHz)	2.45	5.2	5.3	5.6
Ant1 MaxGain(dBi)	0.50	0.20	0.30	0.50
Ant2 MaxGain(dBi)	0.50	0.15	0.30	0.40
Max Gain(dBi)	0.50	0.20	0.30	0.50

Frequency(GHz)	5.8
Ant1 MaxGain(dBi)	0.30
Ant2 MaxGain(dBi)	0.50
Max Gain(dBi)	0.50

5. Antenna Radiation Pattern

Ant1

