

Antenna Specification

Product Model: Tapo C645D 1.0

Manufacturer: TP-Link Systems Inc.

Date: 2025.02.20

Checked By: Feng Ziqi *Feng ziqi*

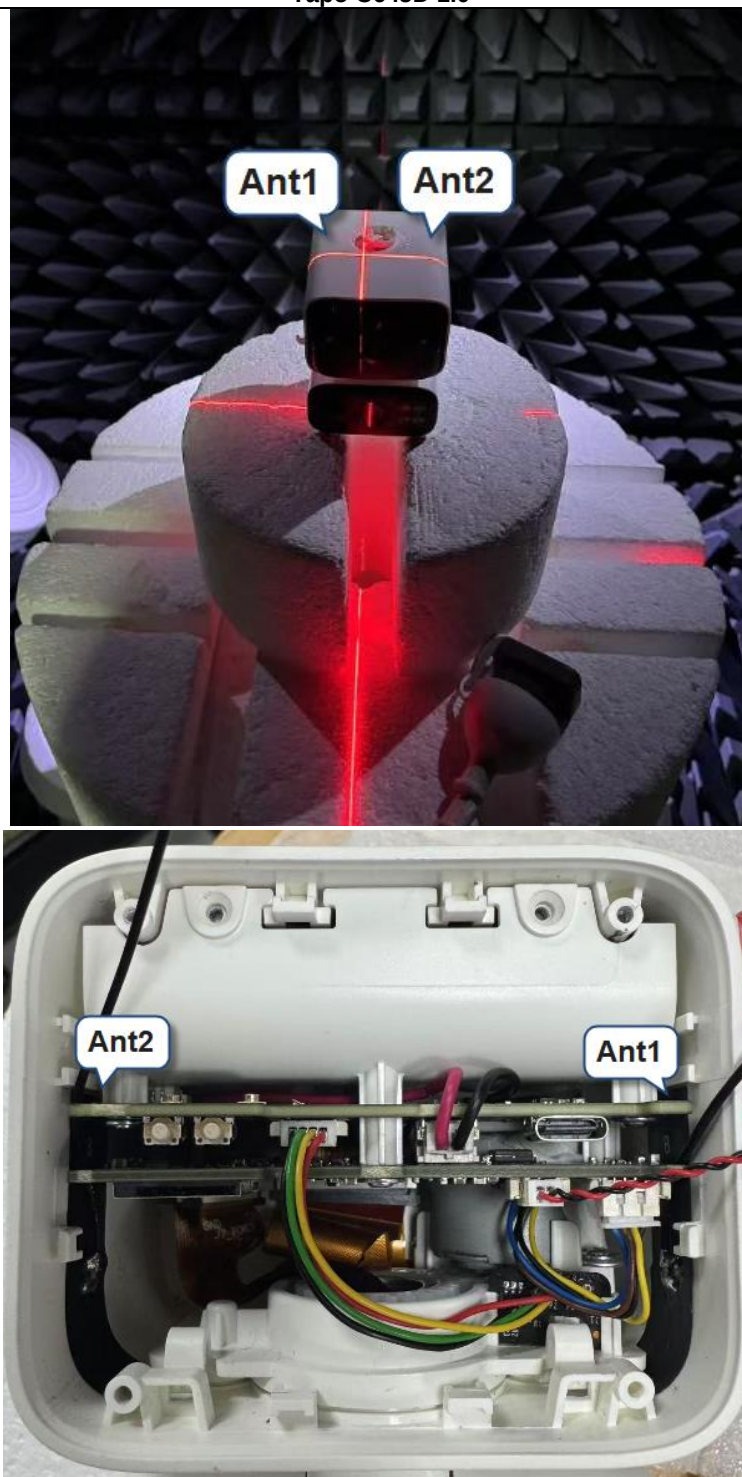
TP-Link Systems Inc.
10 Mauchly, Irvine, CA 92618

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1. Antenna Distribution

Tapo C645D 1.0

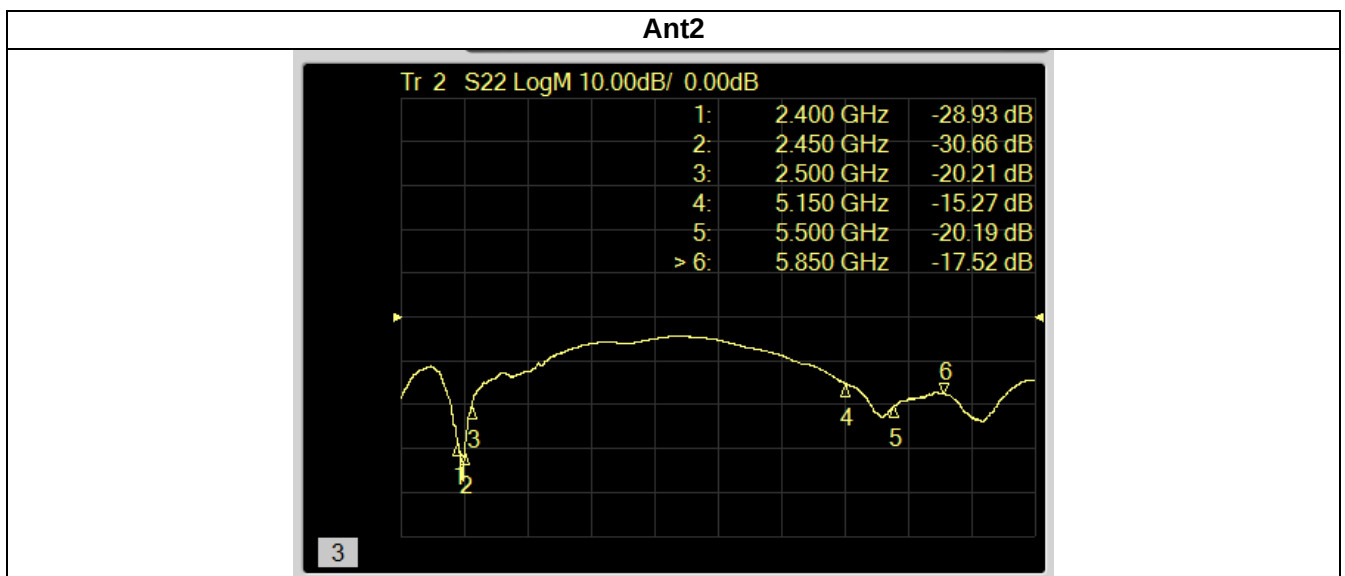
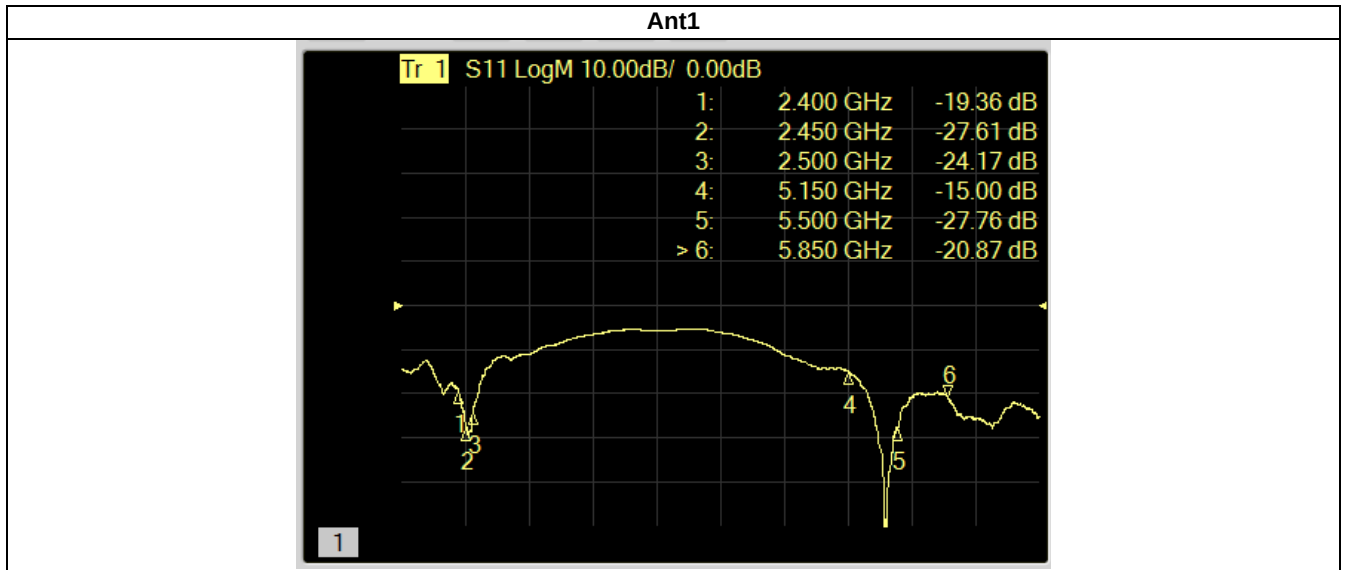


2. Electrical Characteristics

Ant1	
Frequency	2400~2500MHz&5150~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	0dBi@2400~2500MHz 0dBi@5150~5850MHz
Radiation pattern	Omni-Directional
P/N	Tapo C645D 1.0

Ant2	
Frequency	2400~2500MHz&5150~5850MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	0dBi@2400~2500MHz 0dBi@5150~5850MHz
Radiation pattern	Omni-Directional
P/N	Tapo C645D 1.0

3. S Parameter Test Data



4. Antenna Peak Gain

Frequency	2.45GHz 2400~2500MHz	5.2GHz 5150~5250MHz	5.3GHz 5250~5350MHz	5.6GHz 5470~5725MHz
Ant1 MaxGain(dBi)	0.00	0.00	0.00	0.00
Ant2 MaxGain(dBi)	0.00	0.00	0.00	0.00
Max Gain(dBi)	0.00	0.00	0.00	0.00

Frequency	5.8GHz 5725~5895MHz
Ant1 MaxGain(dBi)	0.00
Ant2 MaxGain(dBi)	0.00
Max Gain(dBi)	0.00

5. Antenna Radiation Pattern

Ant1

