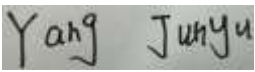


Antenna Specification

Product Model: EAP100-Bridge

Manufacturer: TP-Link Systems Inc.

Date: 2025.1.20

Checked By: Yang Junyu 

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

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1. Antenna Distribution



2. Electrical Characteristics

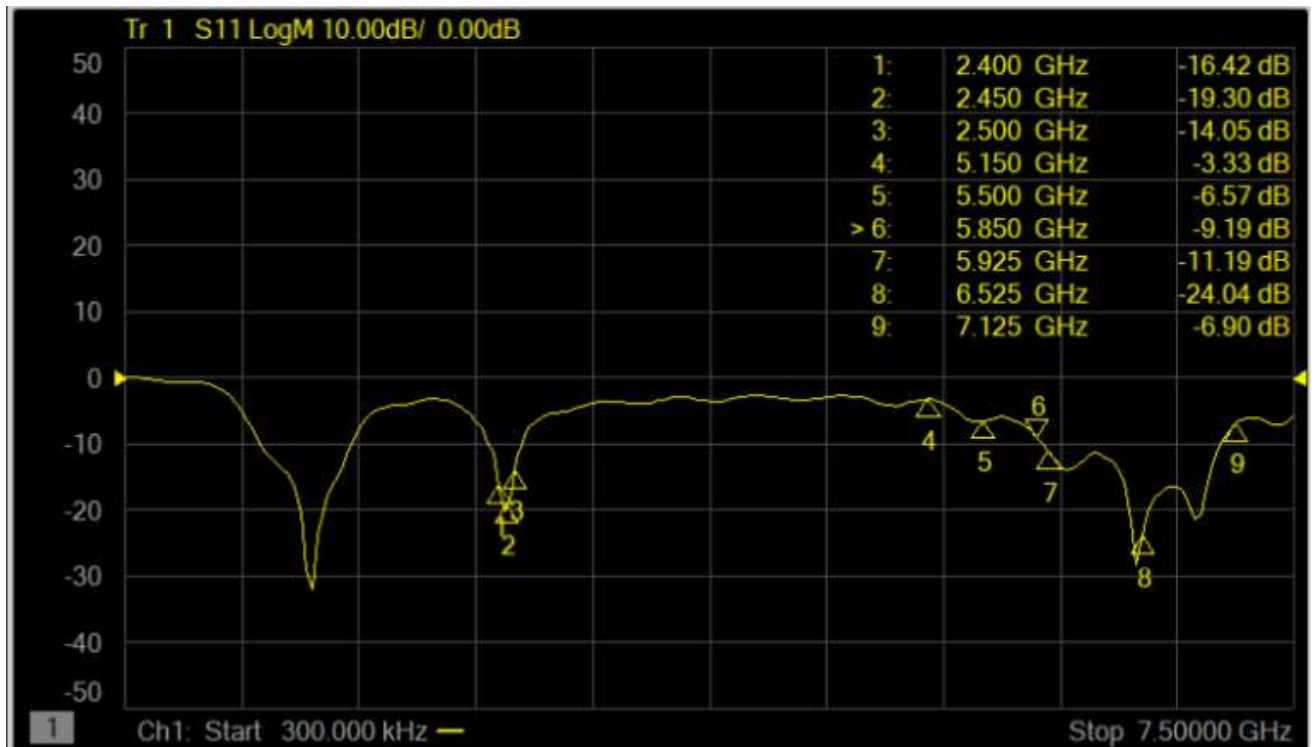
Notes: Ant1 and Ant2 are Orthogonal Dual-polarization

Ant1	
Frequency	2400~2500
Impedance	50Ohm
Antenna Type	Microstrip
Antenna Gain	7.5dBi@2400~2500MHz
Radiation pattern	Directional
P/N	

Ant2	
Frequency	2400~2500
Impedance	50Ohm
Antenna Type	Microstrip
Antenna Gain	7.06 dBi@2400~2500MHz
Radiation pattern	Directional
P/N	

3. S Parameter Test Data

Ant1



Ant2



4. Antenna Gain

4.1 Peak Gain

Frequency	2.45GHz 2400~2500MHz
Ant1 MaxGain(dBi)	7.50
Ant2 MaxGain(dBi)	7.06
Ant1 Polarization/ Φ (°) / θ (°)	Theta/0/0
Ant2 Polarization/ Φ (°) / θ (°)	Phi/0/0
Max Gain(dBi)	7.50

4.2 Horizontal plane Gain

5. Antenna Radiation Pattern

