

Antenna Specification

Product Model: ER605W(EU)2.0

Manufacturer: TP-Link Systems Inc.

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TP-Link Systems Inc.
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1. Antenna Distribution



2. Electrical Characteristics

Ant1(wifi 天线)	
Frequency	5150~5895MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.20dBi@5150~5250MHz 2.35dBi@5250~5350MHz

	2.60dBi@5470~5725MHz 2.83dBi@5725~5895MHz
Radiation pattern	Omni-Directional
P/N	3101504478

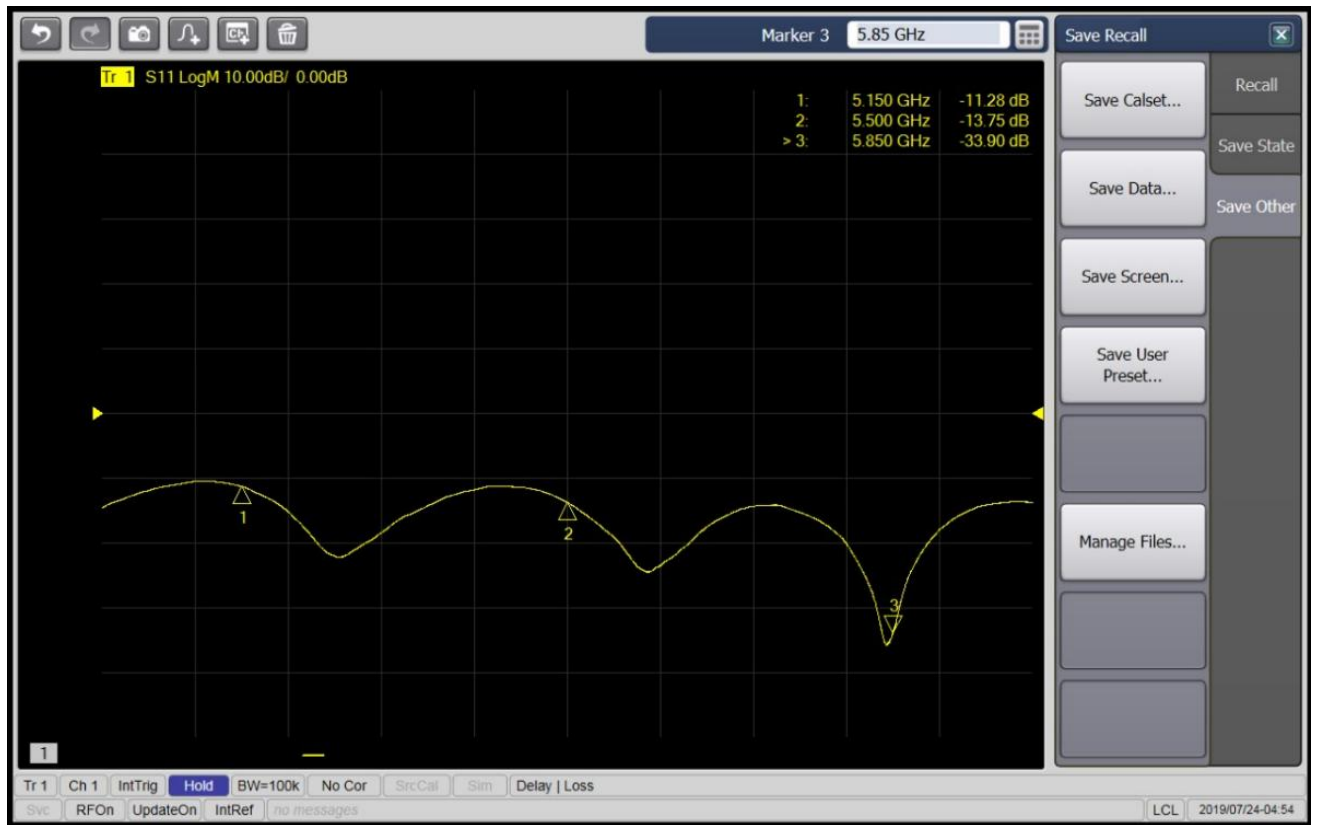
Ant2(wifi 天线)	
Frequency	2400~2500 MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.76dBi@2400~2500MHz
Radiation pattern	Omni-Directional
P/N	3101507460

Ant3(wifi 天线)	
Frequency	5150~5895MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	2.21dBi@5150~5250MHz 2.46dBi@5250~5350MHz 2.80dBi@5470~5725MHz 1.59dBi@5725~5895MHz
Radiation pattern	Omni-Directional
P/N	3101507461

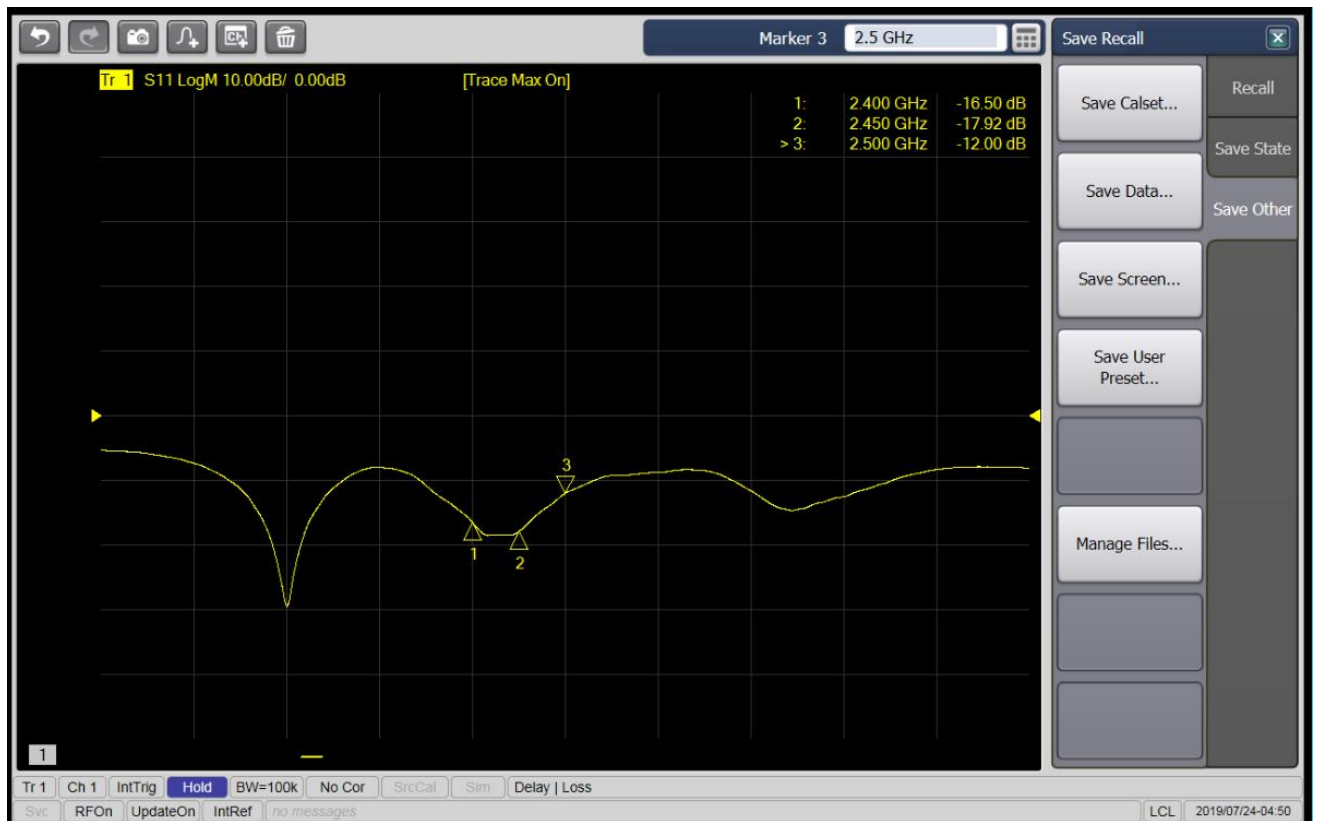
Ant4(wifi 天线)	
Frequency	2400~2500 MHz
Impedance	50Ohm
Antenna Type	Dipole
Antenna Gain	3.22dBi@2400~2500MHz
Radiation pattern	Omni-Directional
P/N	3101507459

3. S Parameter Test Data

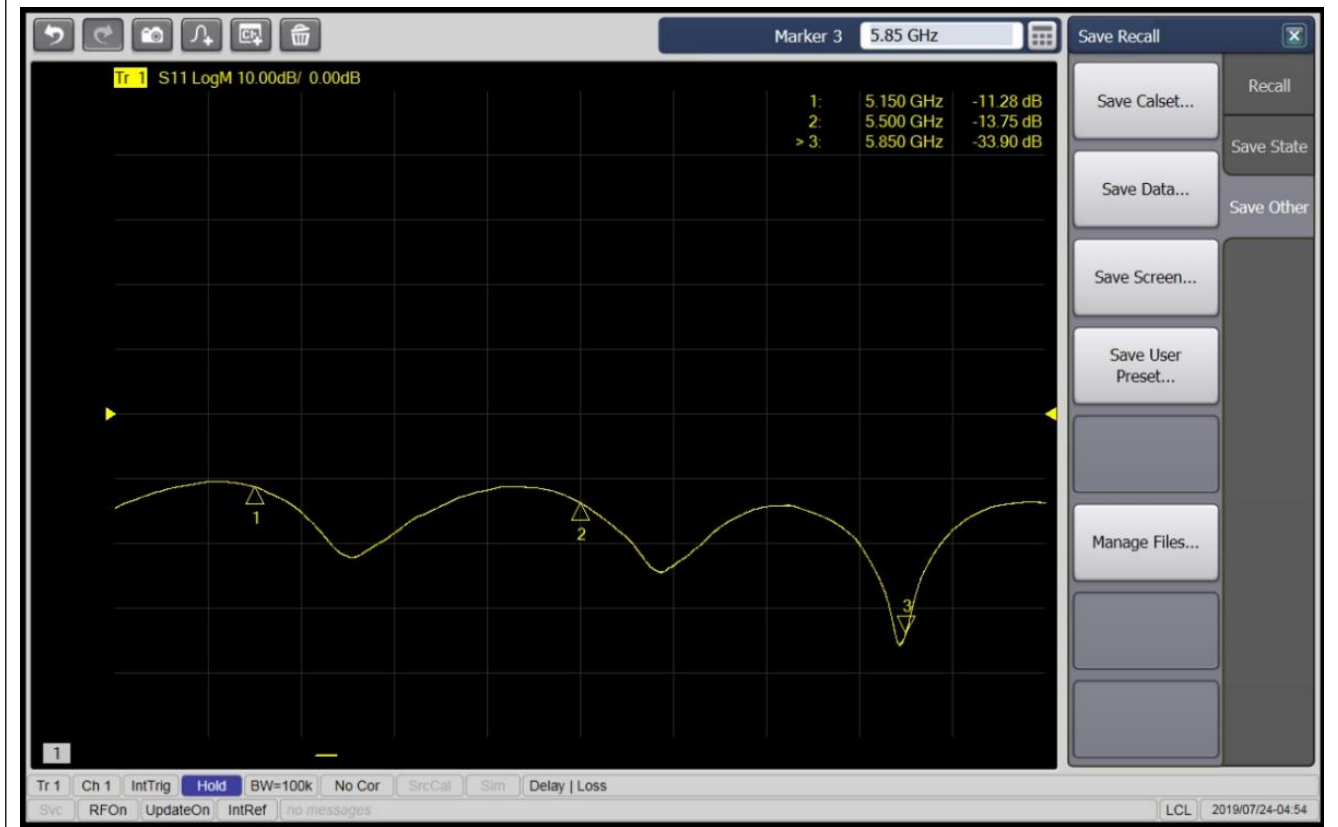
Ant1



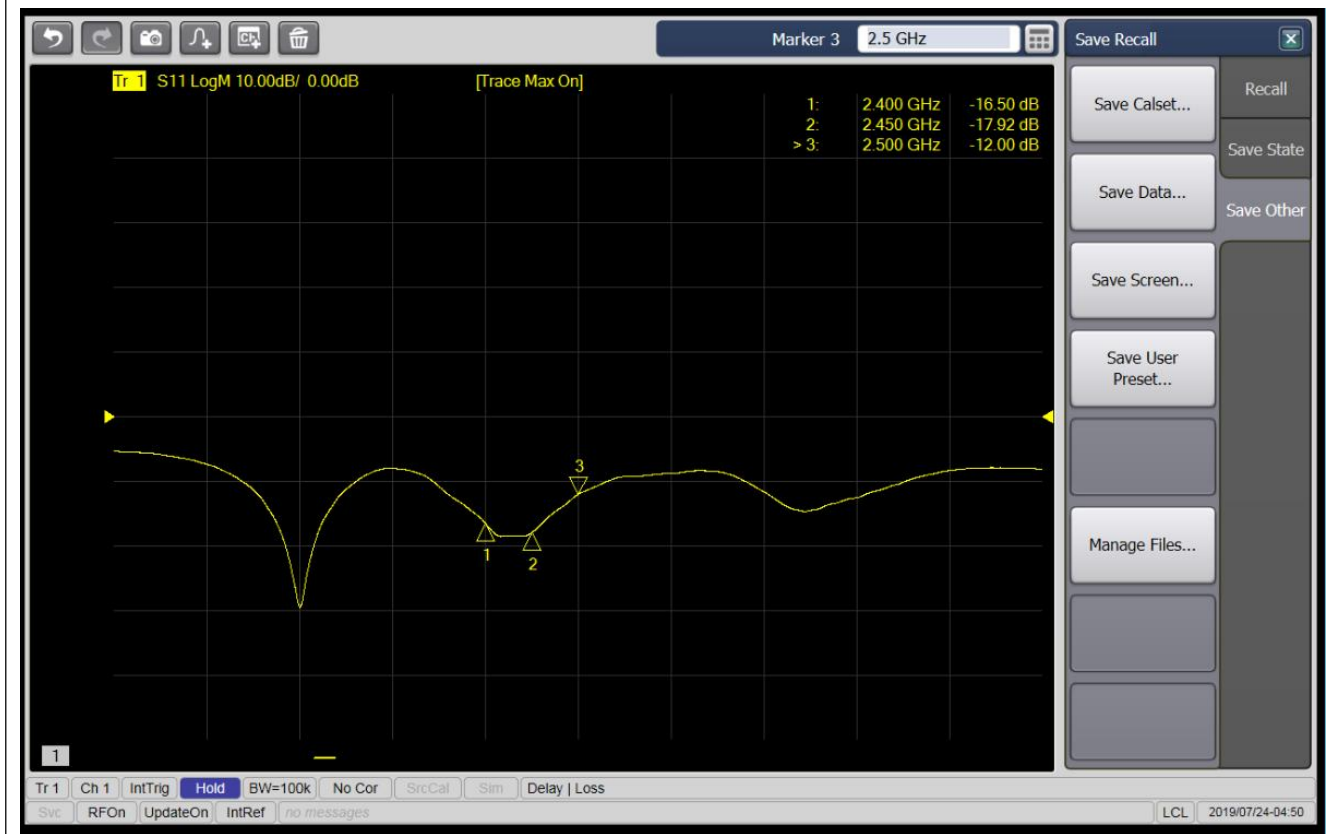
Ant2



Ant3



Ant4



4. Antenna Peak Gain

Frequency	2.45GHz 2400~2500MHz	5.2GHz 5150~5250MHz	5.3GHz 5250~5350MHz	5.6GHz 5470~5725MHz
Ant1 MaxGain(dBi)	/	2.20	2.35	2.60
Ant2 MaxGain(dBi)	2.76	/	/	/
Ant3 MaxGain(dBi)	/	2.21	2.46	2.80
Ant4 MaxGain(dBi)	3.22	/	/	/
Max Gain(dBi)	3.22	2.21	2.46	2.8

Frequency	5.8GHz 5725~5895MHz
Ant1 MaxGain(dBi)	2.83
Ant2 MaxGain(dBi)	/
Ant3 MaxGain(dBi)	1.59
Ant4 MaxGain(dBi)	/
Max Gain(dBi)	2.83

5. Antenna Radiation Pattern

