

TP-LINK®

Antenna Specification



Product Number: E4

Product Name: Antenna

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Product Number: E4

Product Name: Antenna

TP-LINK®

Specification For Approval

Date: _____

File No. : _____

Version: 1.0

Customer: _____ / _____

Customer P/N : _____ / _____

TP-LINK P/N: Printed Monopole Antenna

Description: E4-ANT

TP-LINK Checked By:
Customer Approved By:

TP-LINK®

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I. Specification

Sample Photo	
A. Electrical Characteristics	
Frequency	2400~2500MHz&5150 ~ 5850MHz
Impedance	50 Ohm
S.W.R.	<= 2.0
Antenna Type	Monopole
Antenna Gain	1.5dBi@2.4-2.5GHz;1dBi@5.15-5.85GHz
Max Input Power	2 W
Polarization	Linear
Radiation pattern	Omni-Directional

II. Antenna – S Parameter Test Data



III. Antenna – Radiation Pattern Test Data

Testing Equipment Specification	
Microwave Chamber	Satimo SG24-S
Testing Equipment	Agilent 5071B

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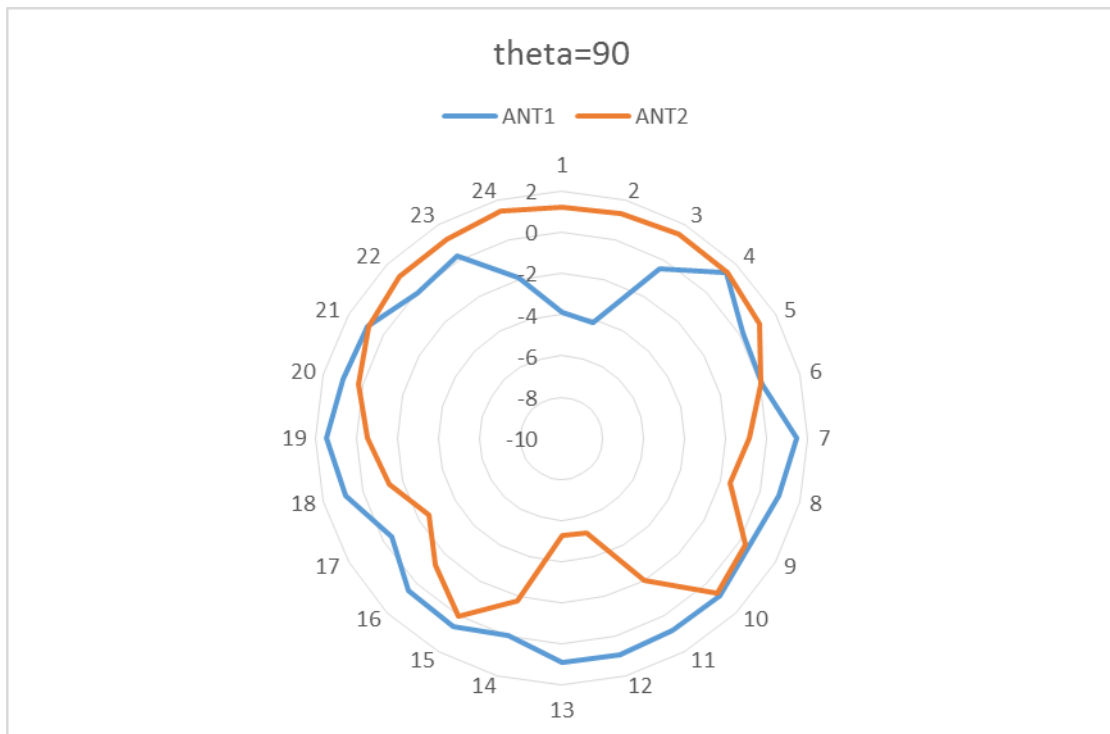
Product Name: Antenna



Freq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
ANT1	1.44	1.37	1.31	1.29	1.33	1.47	1.44	1.26	1.25	1.36	1.49
ANT2	1.24	1.28	1.39	1.37	1.28	1.47	1.37	1.29	1.26	1.30	1.27

Freq. (MHz)	5150	5200	5250	5300	5350	5400	5450	5500
ANT1	0.75	0.77	0.89	0.80	0.75	0.71	0.68	0.95
ANT2	0.88	0.91	0.63	0.83	0.83	0.73	0.61	0.88
Freq. (MHz)	5550	5600	5650	5700	5750	5800	5850	
ANT1	0.62	0.84	0.70	0.82	0.68	0.76	0.78	
ANT2	0.60	0.94	0.72	0.93	0.67	0.96	0.75	

Theta=90° (2400-2500MHz)



Theta=90° (5150-5850MHz)

