

TP-LINK®

Antenna Specification



Product Number:

Product Name: Antenna

TP-LINK®

COPYRIGHT & TRADEMARKS

Specifications are subject to change without notice. **TP-LINK®** is a registered trademark of TP-LINK TECHNOLOGIES CO., LTD. Other brands and product names are trademarks or registered trademarks of their respective holders.

No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-LINK TECHNOLOGIES CO., LTD. Copyright © 2011 TP-LINK TECHNOLOGIES CO., LTD. All rights reserved.

<http://www.tp-link.com>

Product Number:

Product Name: Antenna

TP-LINK®

Date: _____

File No. : _____

Version: 1.0

Customer: _____ / _____

Customer P/N : _____ / _____

TP-LINK P/N: ANT3

Description: Deco XE75 2.0

TP-LINK Checked By:

Customer Approved By:

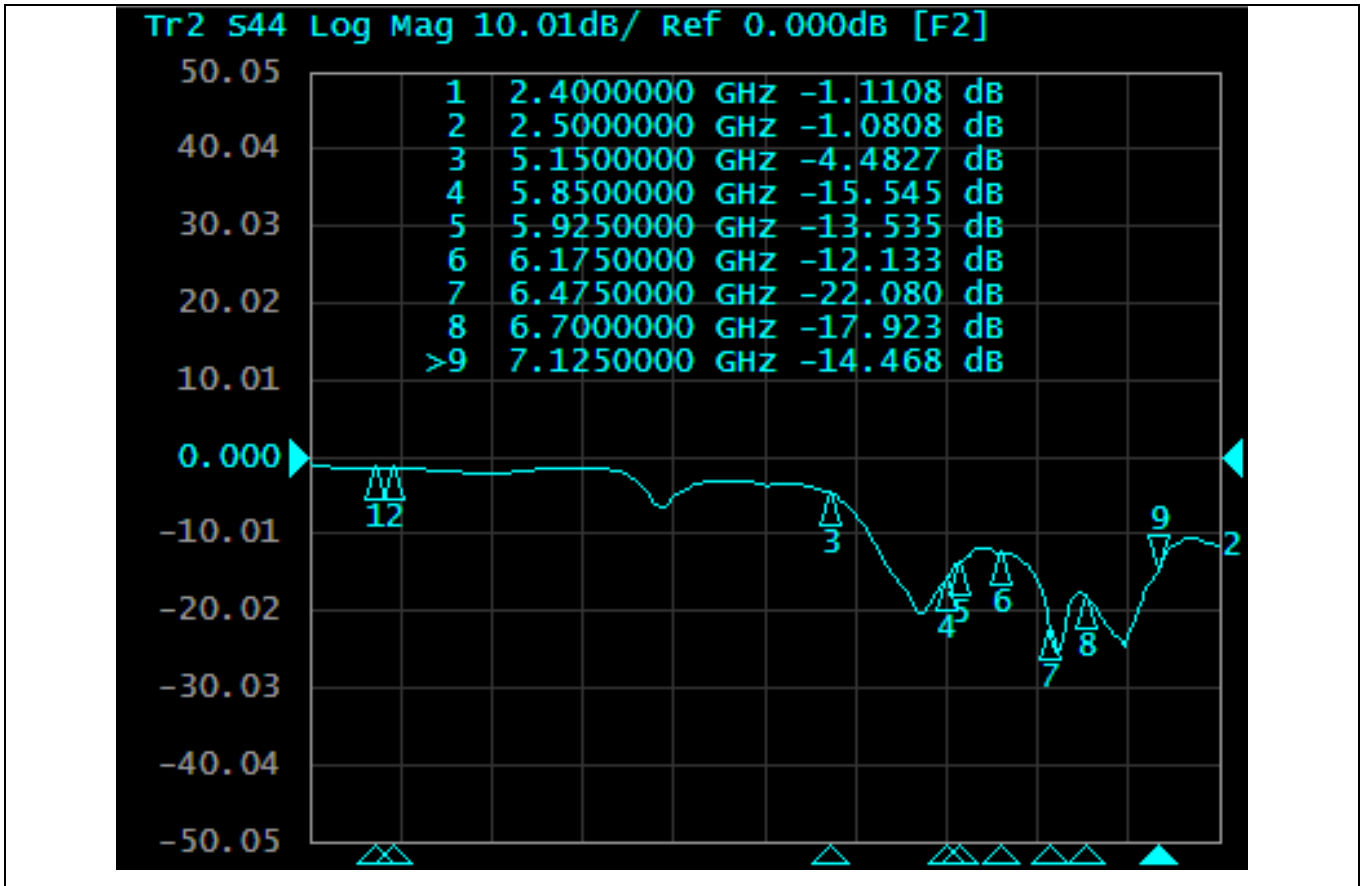
Index

I. Specification	2
II. Antenna – S Parameter Test Data	3
III. Antenna – Radiation Pattern Test Data	3

I. Specification

Antenna distribution	
	
A. Electrical Characteristics	
Frequency	5925~7125MHz
Impedance	50 Ohm
S.W.R.	<= 2.0
Antenna Type	Dipole
Antenna Gain	0.99dBi
Max Input Power	2 W
Polarization	Linear
Radiation pattern	Omni-Directional
B. Material & Mechanical Characteristics	
Material of Radiator	Cu
Cable Type	O.D. 1.37mm
Connector Type	I-PEX
Connector Pull Test	3Kg
C. Environmental	
Operation Temperature	- 40℃ ~ + 65℃
Storage Temperature	- 40℃ ~ + 70℃

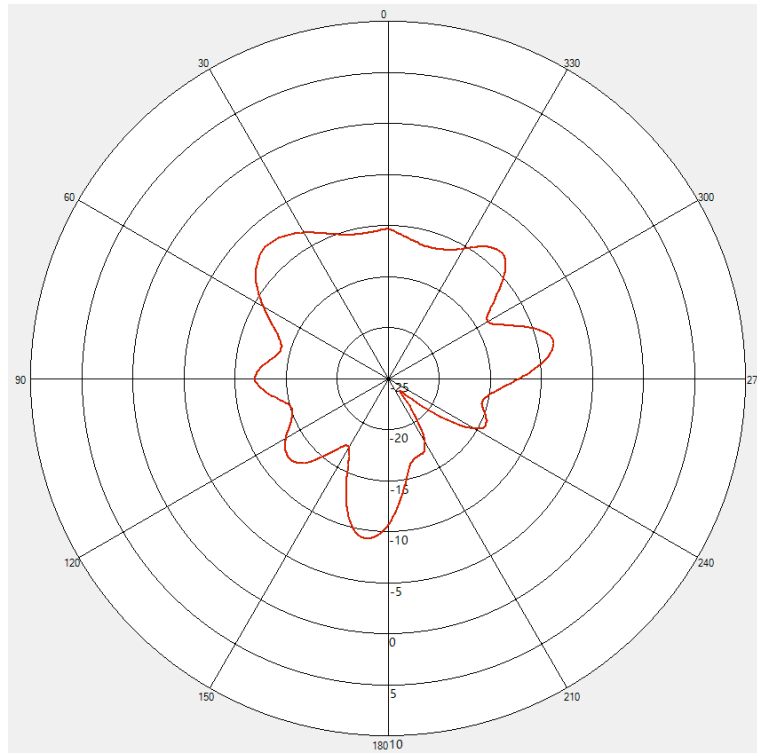
II. Antenna – S Parameter Test Data



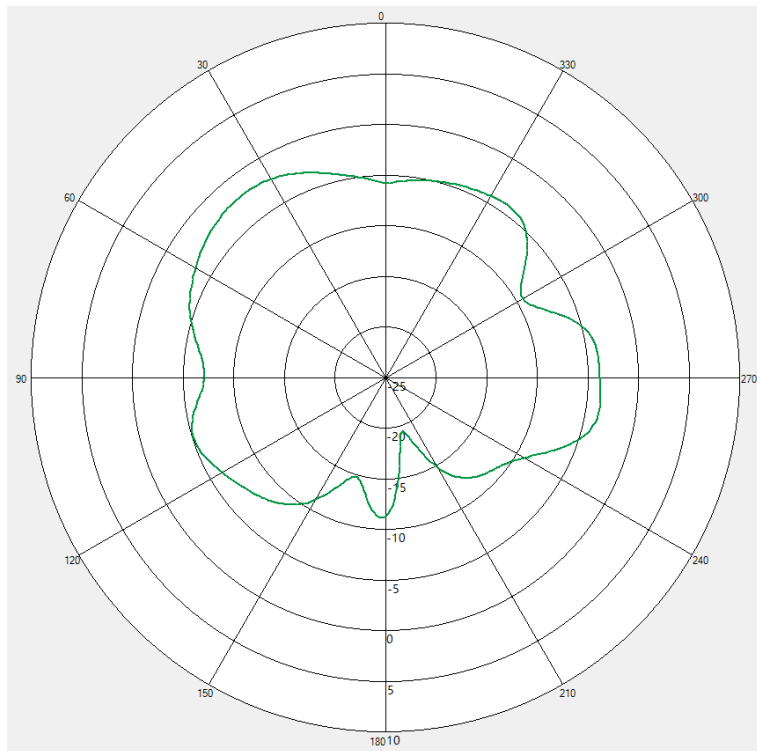
III. Antenna – Radiation Pattern Test Data

Freq. (MHz)	5925	5975	6025	6075	6125	6175	6225	6275	6325	6375	6425
Peak Gain (dBi)	0.91	0.99	0.90	0.89	0.99	0.93	0.93	0.96	0.90	0.92	0.95
Freq. (MHz)	6475	6525	6575	6625	6675	6725	6775	6825	6875	6925	6975
Peak Gain (dBi)	0.94	0.92	0.94	0.91	0.96	0.92	0.98	0.89	0.94	0.95	0.91
Freq. (MHz)	7025	7075	7125								
Peak Gain (dBi)	0.95	0.90	0.91								

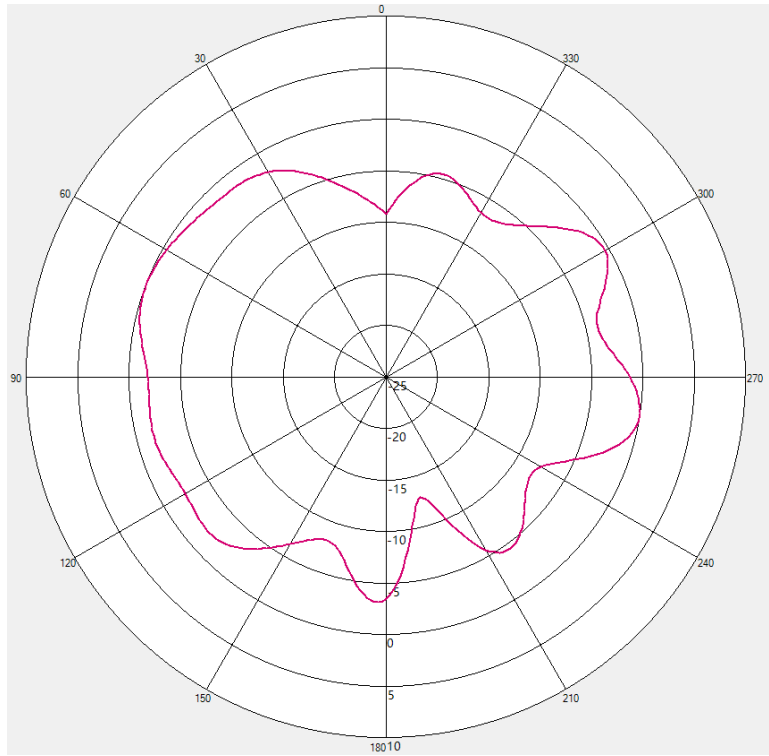
5925MHz



6375MHz



6975MHz



7125MHz

