



OTA Test Data Report

APPLICANT : Cypress
EQUIPMENT : cypress BT antenna
BRAND NAME : Cypress
MODEL NAME : Nano Antenna on Adaptor Board
TEST DATE(S) : 2018/07/03

Sporton International (KunShan) INC.
No.3-2, Pingxiang Road, Kunshan Development Zone, Jiangsu, China



SPORTON LAB.

OTA Test Data Report

Table of Contents

Revision History	3
1. Administration Data	4
1.1 Testing Laboratory.....	4
1.2 Applicant.....	4
2. Product Photo	5
3. Summary of Test Result.....	6
4. Photographs of Test Configuration.....	7
5. Plots	8



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OTA Test Data Report

1. Administration Data

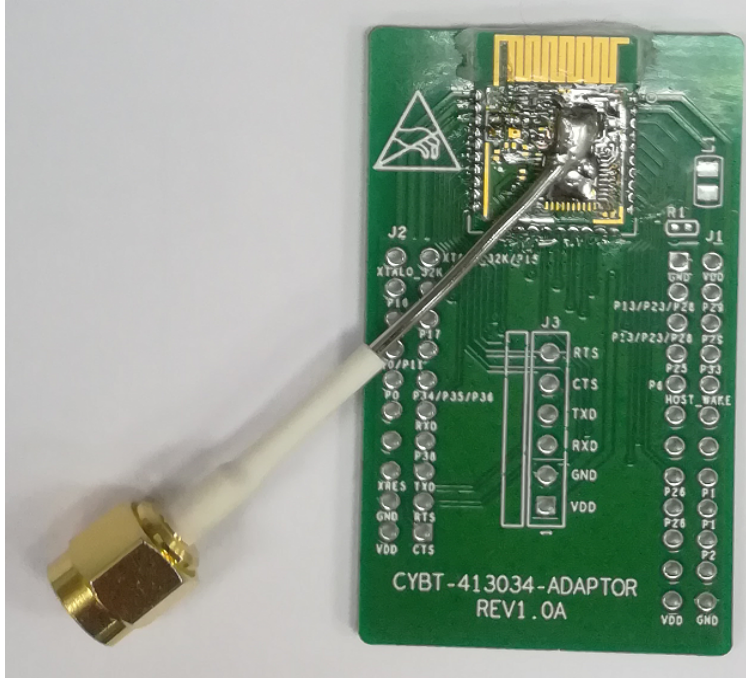
1.1 Testing Laboratory

Test Site	Sporton International (KunShan) INC.
Test Site Location	No.3-2, Pingxiang Road, Kunshan Development Zone, Jiangsu, China TEL: +86-0512-5790-0158 FAX: +86-0512-5790-0958

1.2 Applicant

Company Name	Cypress
Address	Building 50, No.1387 Zhang Dong Road, Pudong district, Shanghai, China
Contact Person	Yedan LI
Email	yedan.li@cypress.com

2. Product Photo





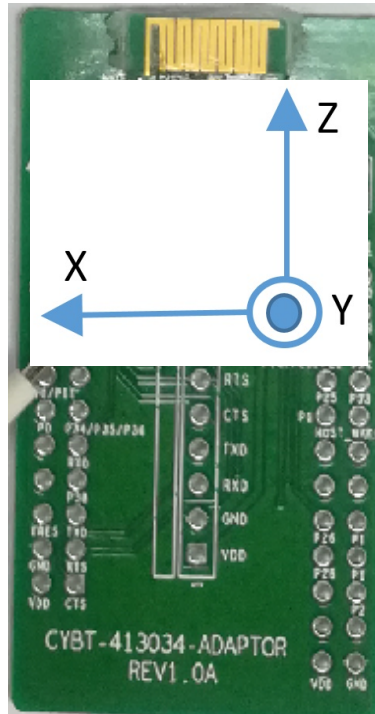
3. Summary of Test Result

Test / Position	Free Space			
Communication System	Gain			
Frequency	2400	2440	2480	2500
Avg Gain	-4.1	-4.6	-5.1	-5.5
Peak Gain	-0.9	-1.2	-1.5	-1.7
Directivity	3.2	3.4	3.7	3.8
Efficiency	-4.1	-4.6	-5.1	-5.5
Efficiency (%)	38.8	34.7	30.7	28.0

4. Photographs of Test Configuration



Fig. 4-1 Free Space

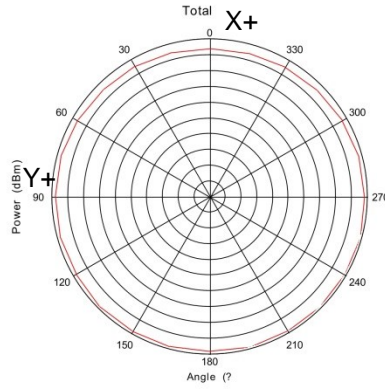




5. Plots

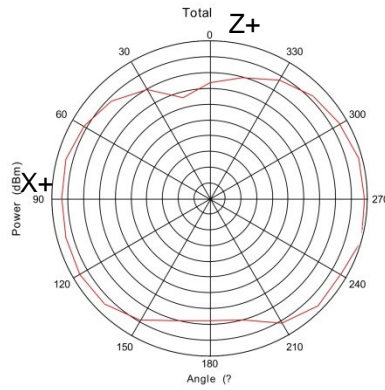
2D Pattern:

H



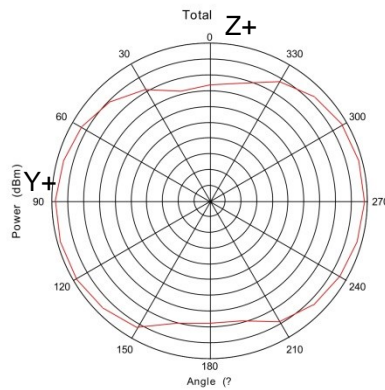
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Min: -50
Scale: 5/div

E1



Max: 0
Min: -50
Scale: 5/div

E2



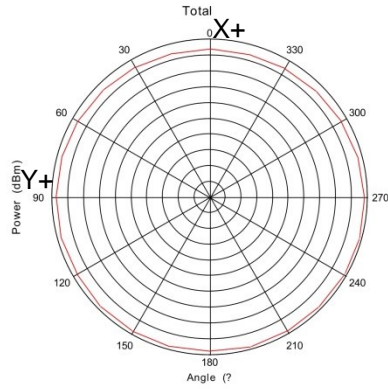
Max: 0
Min: -50
Scale: 5/div

Free Space in 2400MHz



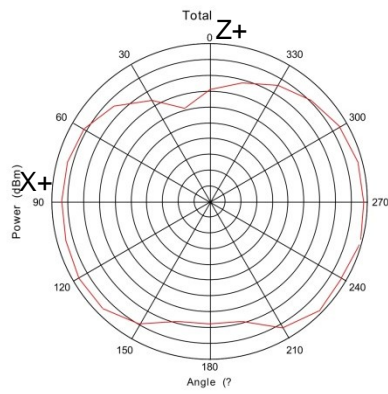
OTA Test Data Report

H



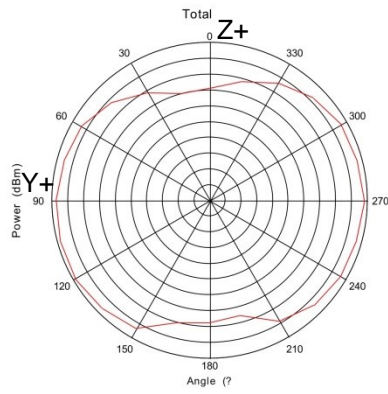
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Min: -50
Scale: 5/div

E1



Max: 0
Min: -50
Scale: 5/div

E2



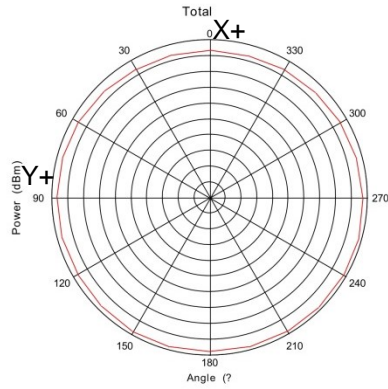
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Min: -50
Scale: 5/div

Free Space in 2440MHz

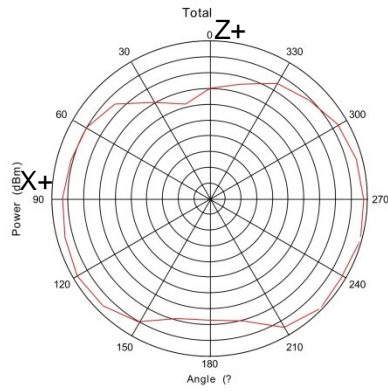


OTA Test Data Report

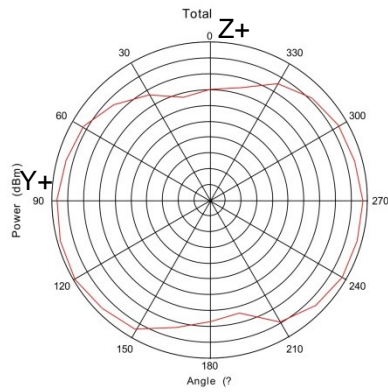
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E1



E2

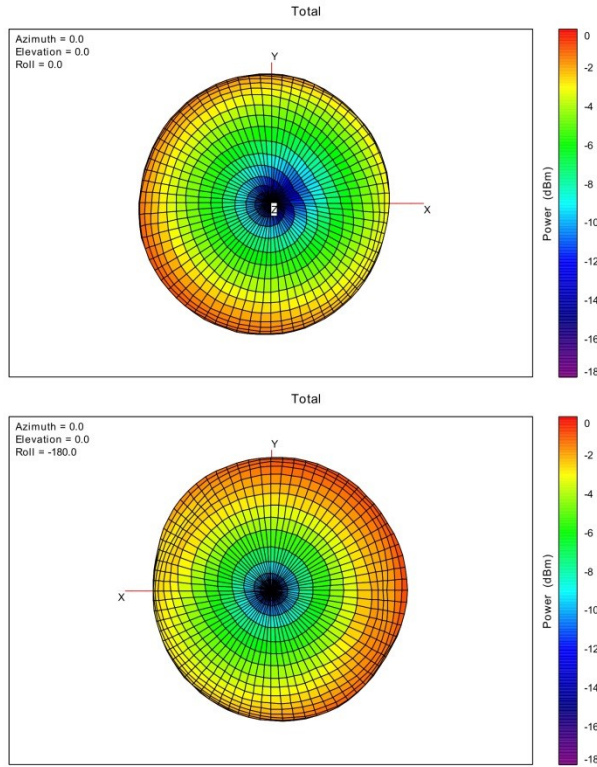


Free Space in 2480MHz



OTA Test Data Report

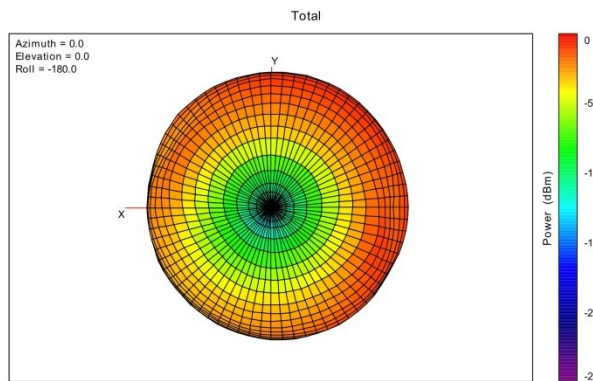
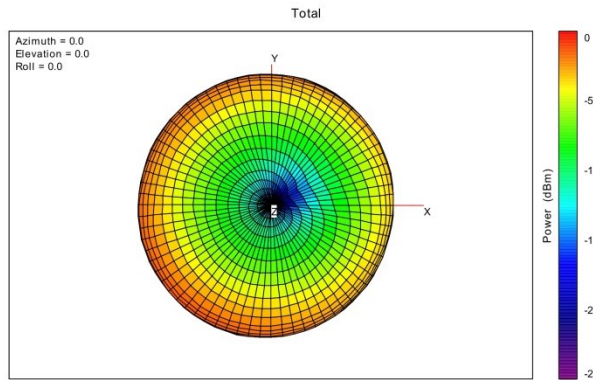
3D Pattern:



Free Space in 2400MHz



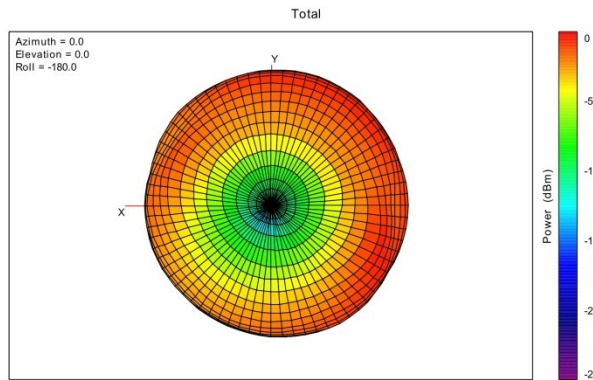
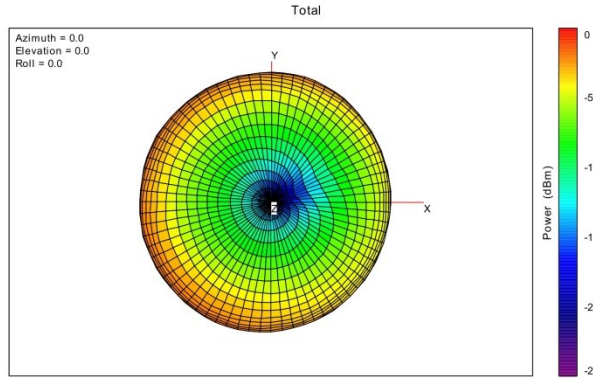
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Free Space in 2440MHz



OTA Test Data Report



Free Space in 2480MHz