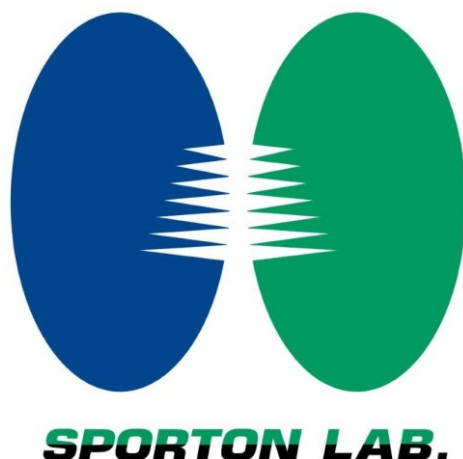




OTA Test Data Report

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



OTA Test Data Report

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OTA Test Data Report

Revision History

VERSION	DESCRIPTION	ISSUED DATE
1.0	Initial issue of report	Jul. 06, 2018



1. Administration Data

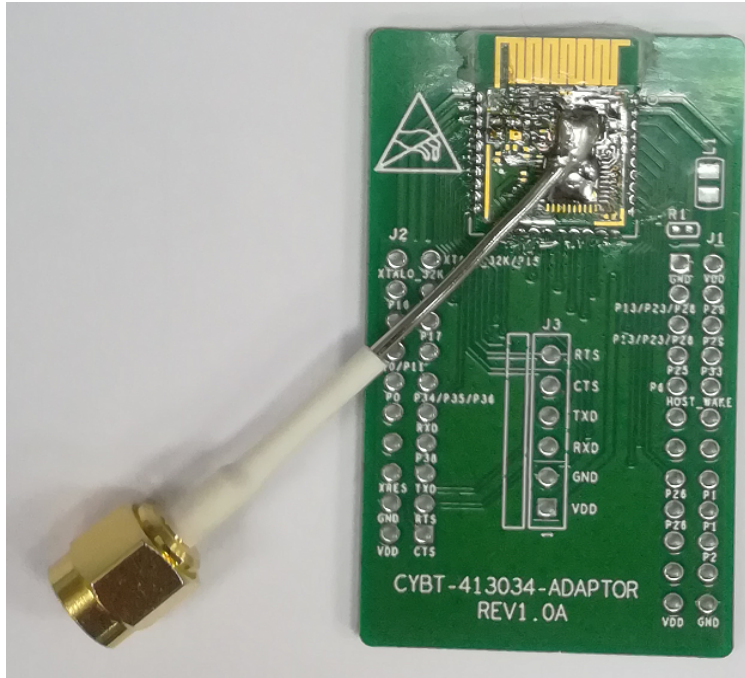
1.1 Testing Laboratory

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





OTA Test Data Report

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

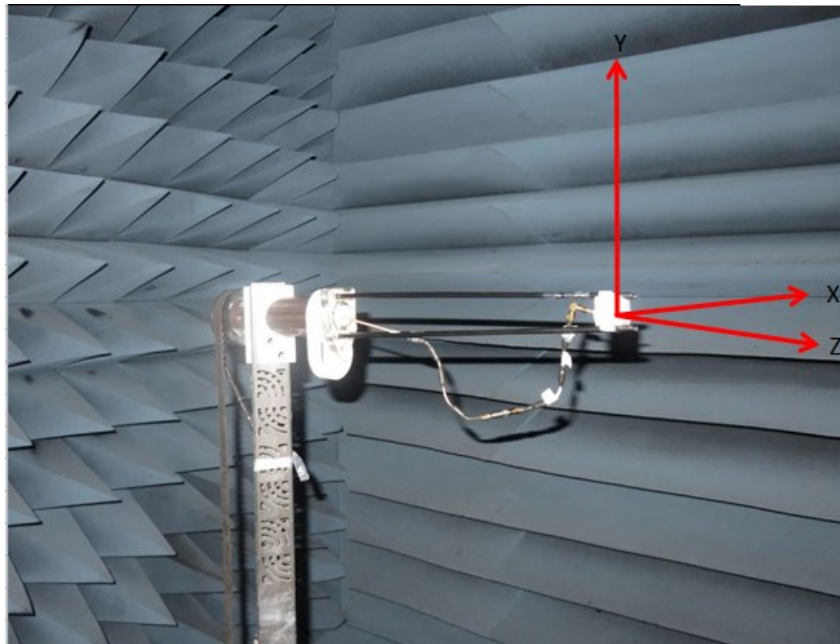
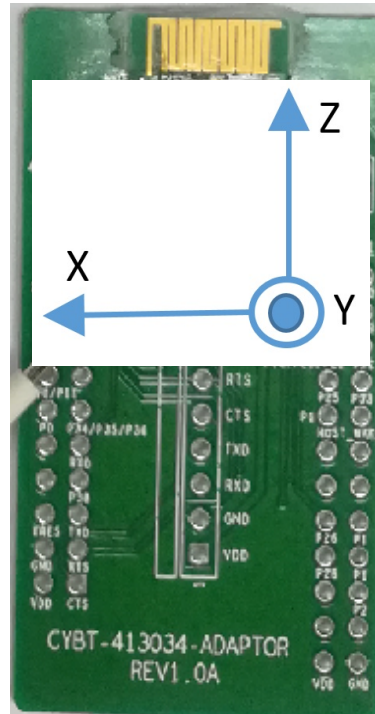


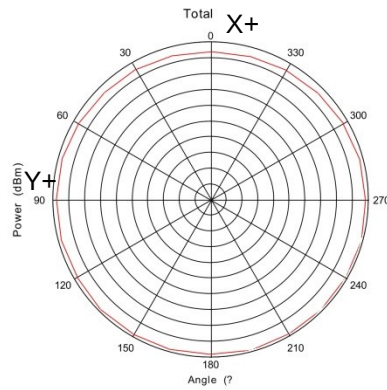
Fig. 4-1 Free Space



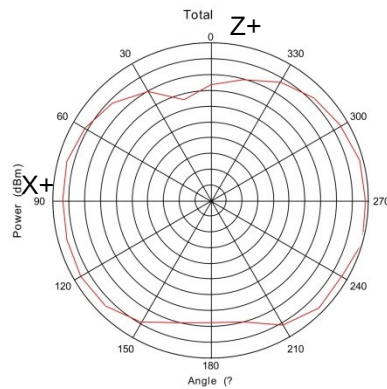
5. Plots

2D Pattern:

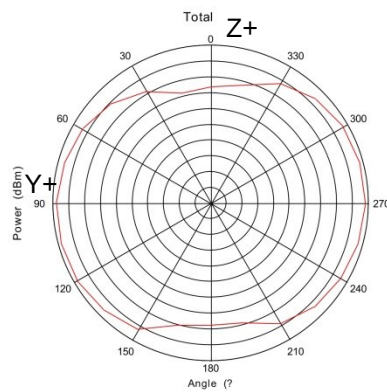
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E1

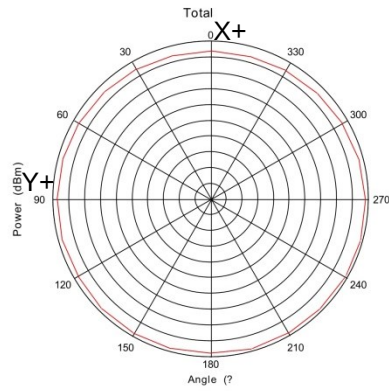


E2

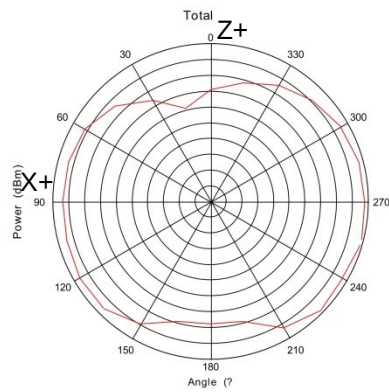


Free Space in 2400MHz

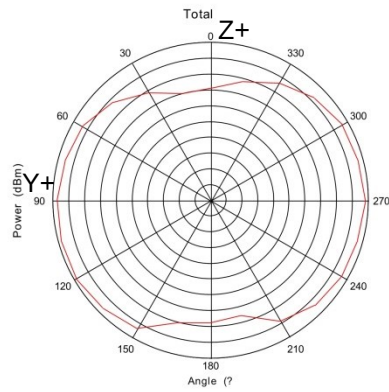
H



E1

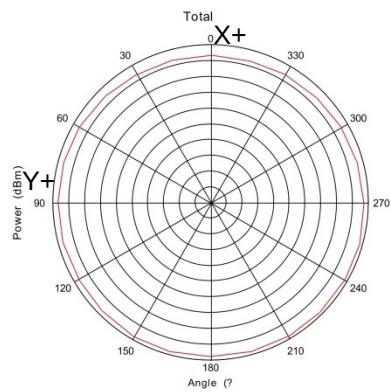


E2

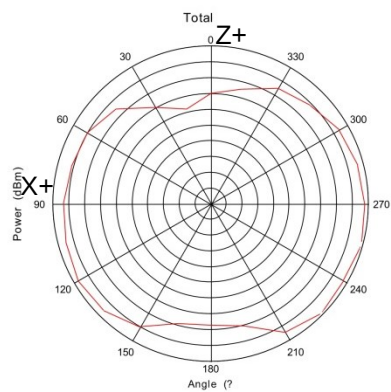


Free Space in 2440MHz

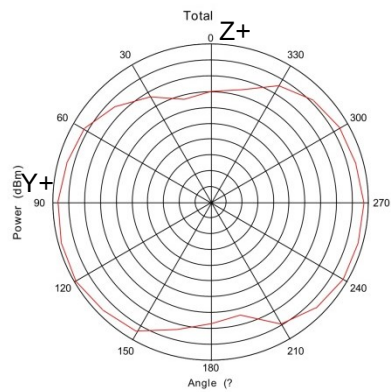
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E1

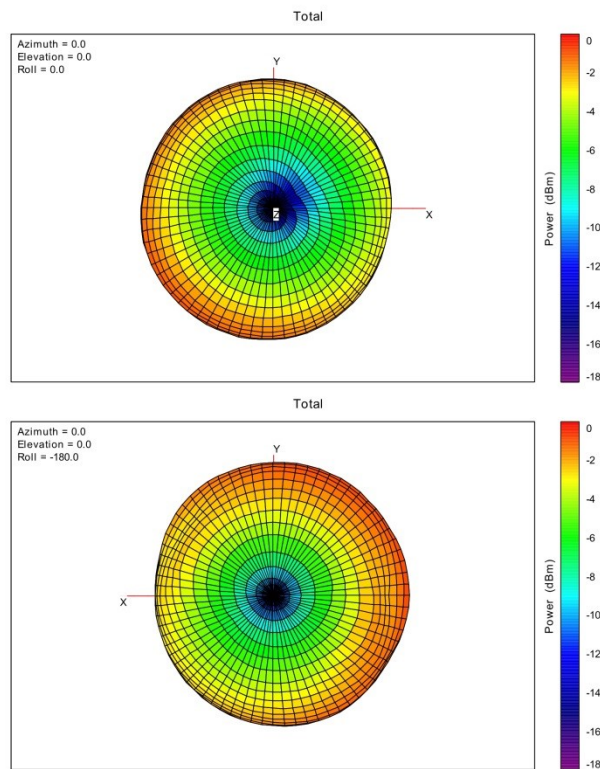


E2

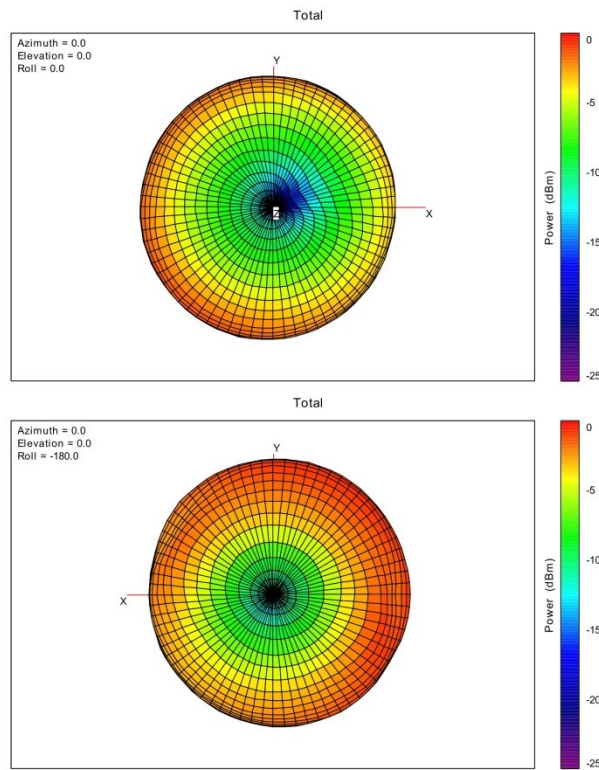


Free Space in 2480MHz

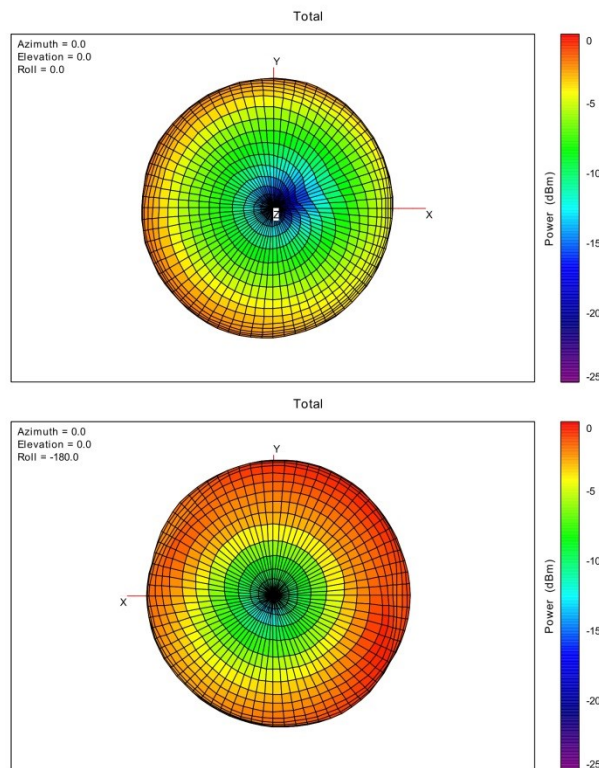
3D Pattern:



Free Space in 2400MHz



Free Space in 2440MHz



Free Space in 2480MHz