

OTA Performance Measurement Report

Report Ref. No.

T180810N06

Applicant:

Smartmissimo Technologies Pte Ltd

Date of Application: 2018/8/27**Test Period:** 2018/8/27**Date of Issue:** 2018/8/27**Test Lab Info:**

Compliance Certification Services Inc.

No.11, Wugong 6th Rd., Wugu Industrial Park.

Taipei Hsien 248, Taiwan, R.O.C.

Test Item**Name of Product:**

PowerDot PD-02

Brand Name:

PowerDot

Model/ Ref. No:

Muscle Stimulator

Remarks:

2402 MHz 、2441MHz 、2480MHz

3D Gain Measurement Results

Confirmation	Approved by 	Tested by 
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Revision History

Rev.		Issue Date		Revisions	Effect Page	Revised By
00		2018/08/27		Initial Issue	ALL	Alex.Wu

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1 General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
Brand Name	PowerDot
Model Name	Muscle Stimulator
Frequency	2402MHz 、 2441MHz 、 2480 MHz

1.2 Product Photo



2 Summary of Test Result

2.1 Ambient Condition

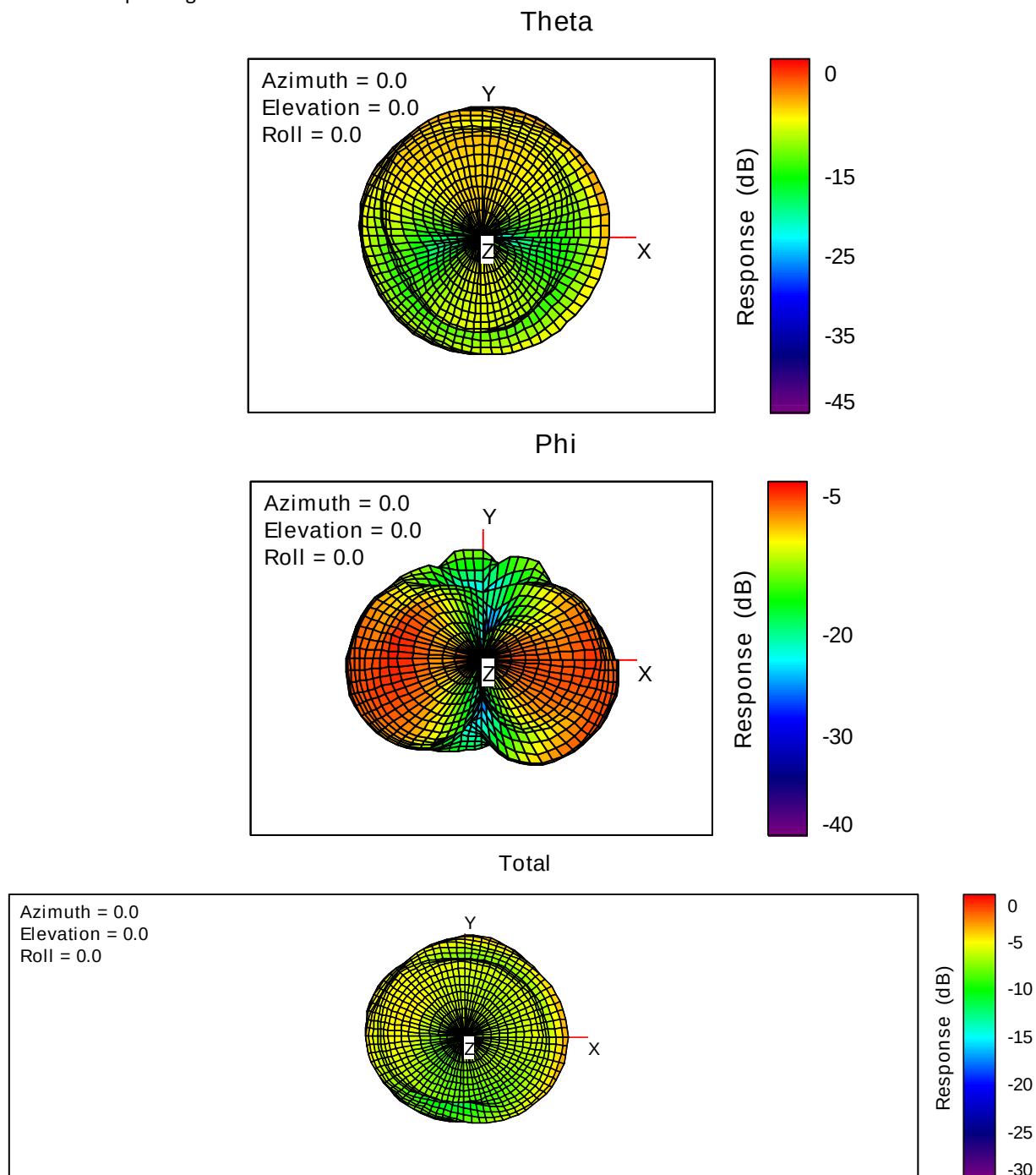
Temperature(° c)	23.6	Humidity(° c)	58%
Test/Position	Gain/Free Space		
Frequency	2402	2441	2480
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-6.54871	-5.33911	-6.50475
Peak EIRP (dBm)	-2.83206	-0.760841	-2.60439
Directivity (dBi)	3.71665	4.57827	3.90036
Efficiency (dB)	-6.54871	-5.33911	-6.50475
Efficiency (%)	22.1375	29.2475	22.3627
Gain (dBi)	-2.83206	-0.760841	-2.60439
NHPRP $\pm\pi/4$ (dBm)	-7.80119	-6.64577	-8.0487
NHPRP $\pm\pi/6$ (dBm)	-9.1769	-8.02275	-9.54641
Average Gain (dB)	-6.54871	-5.33911	-6.50475

3 Description for DUT Testing Position



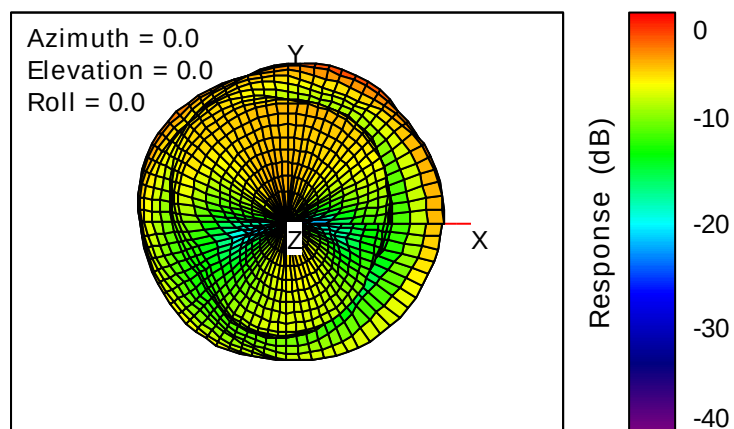
4 Test Plotting

The test plotting was shown as below

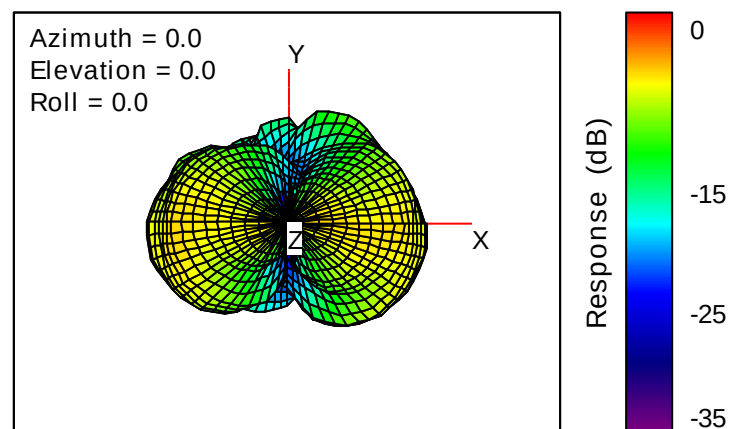


Antenna Gain 2402 MHz

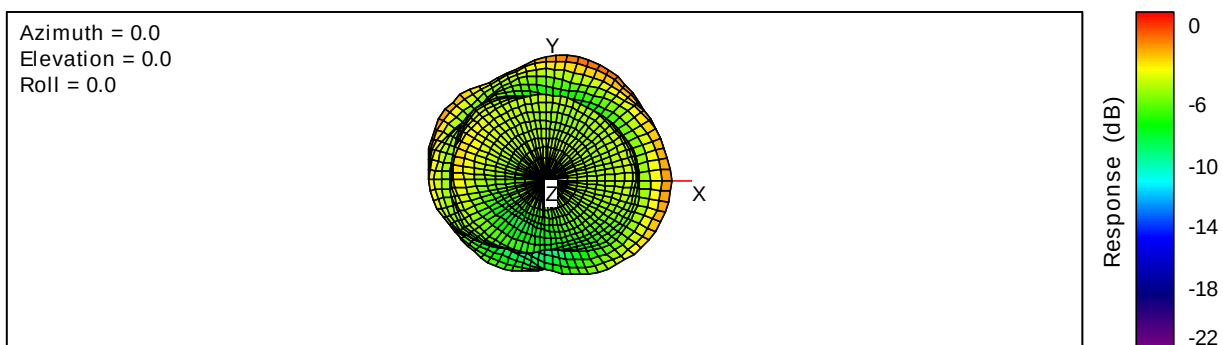
Theta



Phi

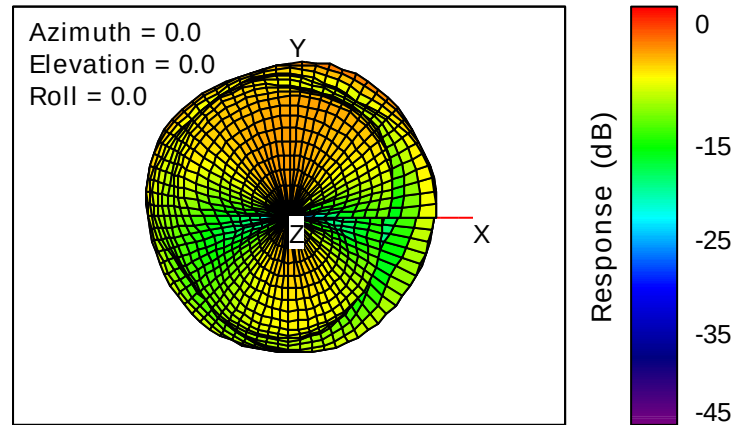


Total

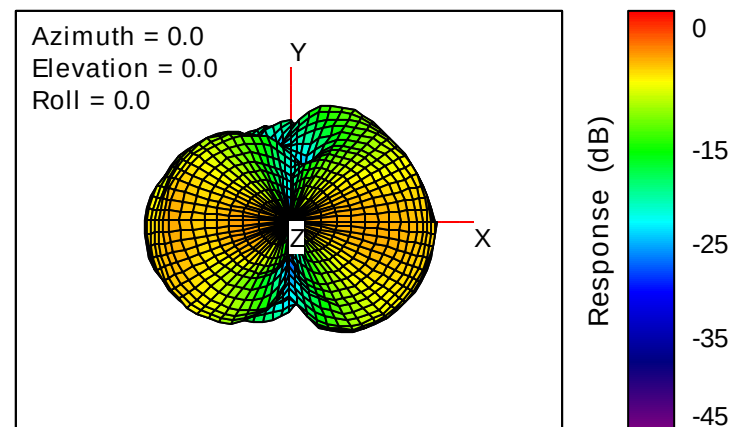


Antenna Gain 2441 MHz

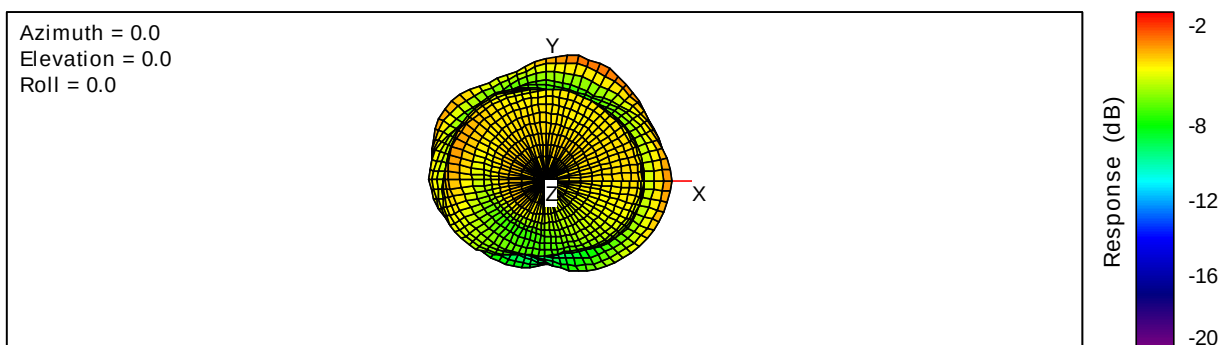
Theta



Phi



Total



Antenna Gain 2480 MHz