

OTA Performance Measurement Report

Report Ref. No.

T161124N02

Applicant:

傑邁醫學科技股份有限公司

Date of Application: 2017/1/20**Test Period:** 2017/1/26**Date of Issue:** 2016/1/26**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:**

Muscle Stimulator

Brand Name:

PowerDot

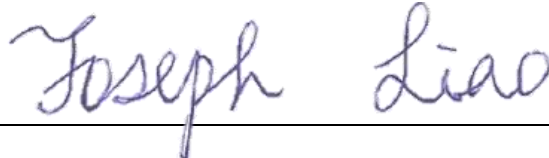
Model/ Ref. No:

PowerDot PD-01M

Remarks:

2.400 MHz 、 2450MHz 、 2500MHz

3D Gain Measurement Results

Confirmation	Approved by 	Tested by 
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Revision History

Rev.		Issue Date		Revisions	Effect Page	Revised By
00		2017/01/26		Initial Issue	ALL	Joseph.Liao

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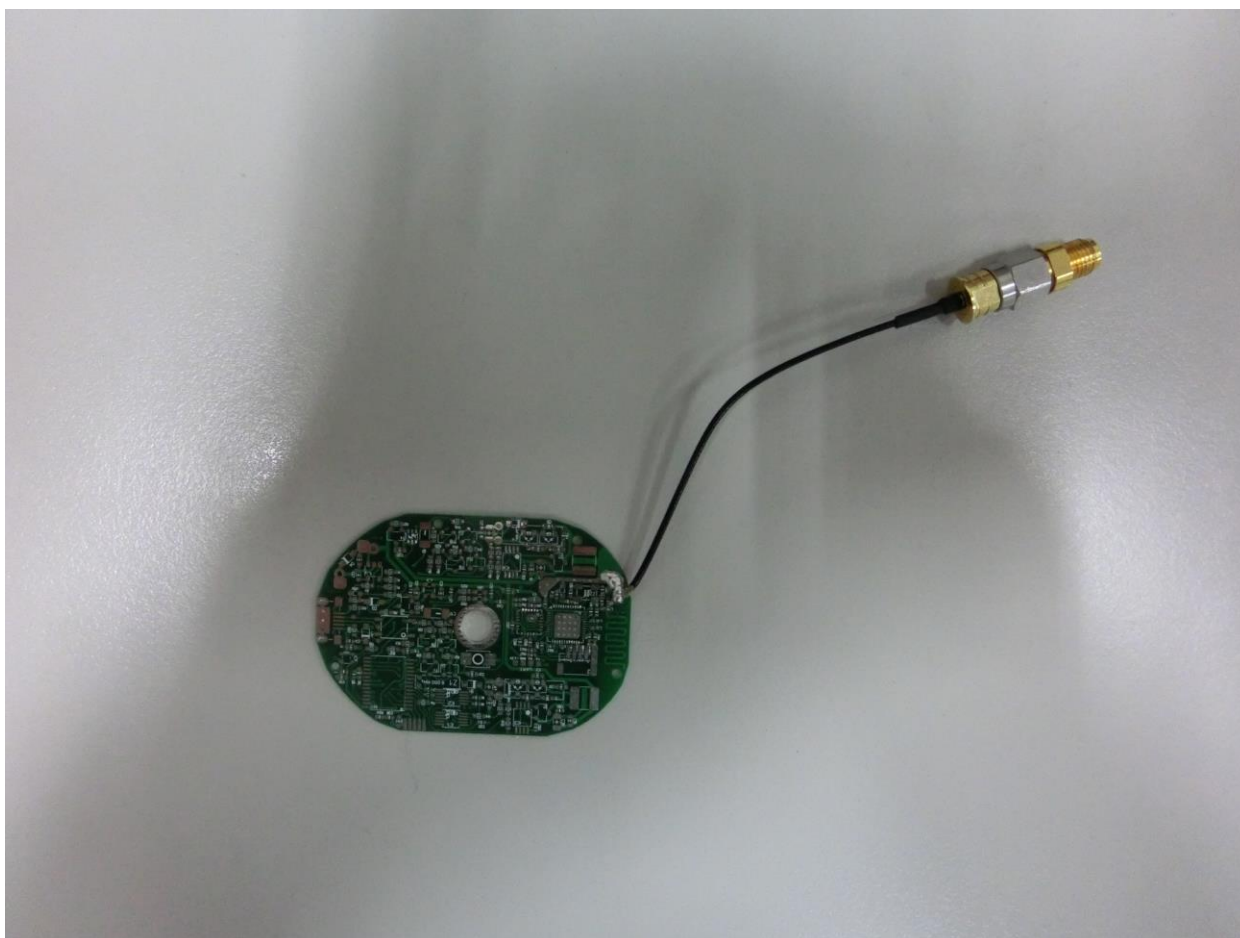
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1 General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
Brand Name	PowerDot
Model Name	PowerDot PD-01M
Frequency	2400MHz 、 2450MHz 、 2500 MHz

1.2 Product Photo



2 Summary of Test Result

2.1 Ambient Condition

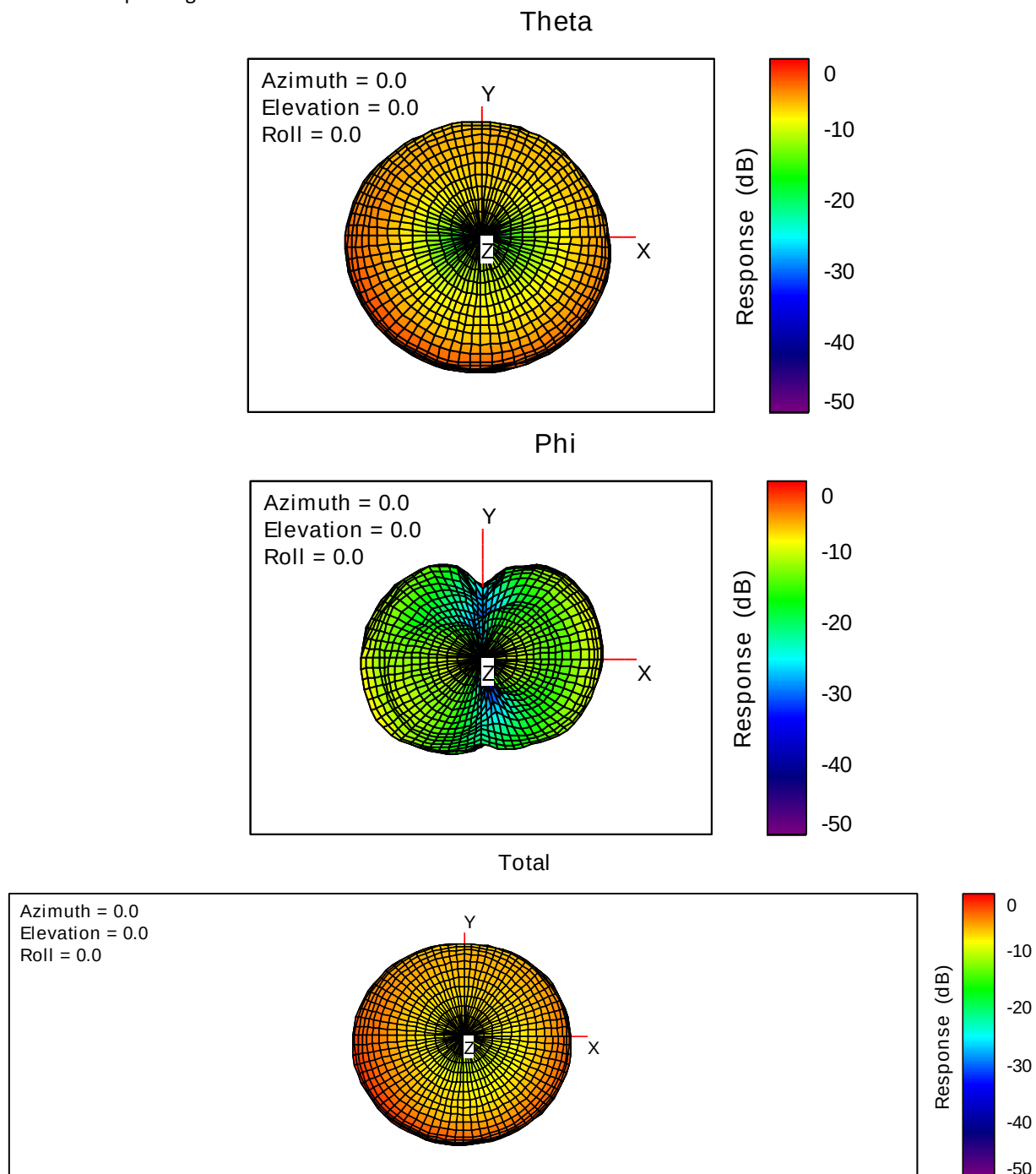
Temperature(° c)	22.7° c	Humidity(° c)	60%
Test/Position	Gain/Free Space		
Frequency	2400	2450	2500
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-4.64914	-3.62293	-3.81022
Peak EIRP (dBm)	-1.00739	0.294697	0.323137
Directivity (dBi)	3.64175	3.91763	4.13336
Efficiency (dB)	-4.64914	-3.62293	-3.81022
Efficiency (%)	34.2836	43.4217	41.589
Gain (dBi)	-1.00739	0.294697	0.323137
NHPRP $\pm\pi/4$ (dBm)	-5.67317	-4.58087	-4.65445
NHPRP $\pm\pi/6$ (dBm)	-7.02151	-5.83743	-5.83819
Average Gain (dB)	-4.64914	-3.62293	-3.81022

3 Description for DUT Testing Position



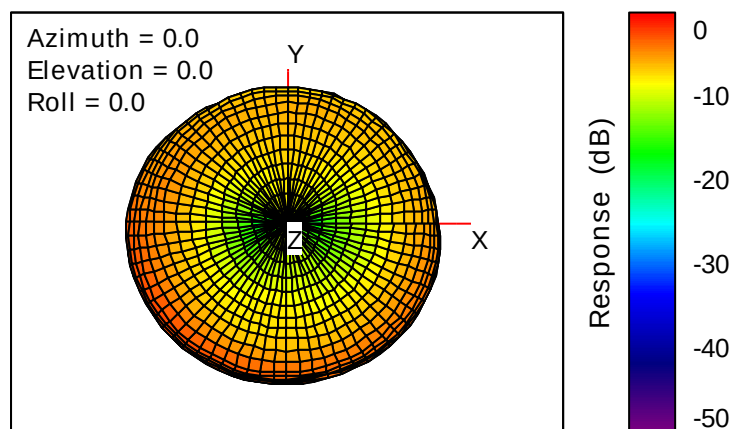
4 Test Plotting

The test plotting was shown as below

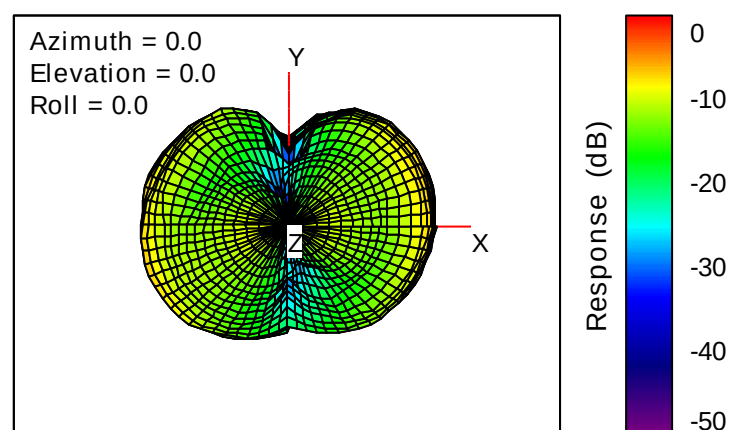


Antenna Gain 2400 MHz

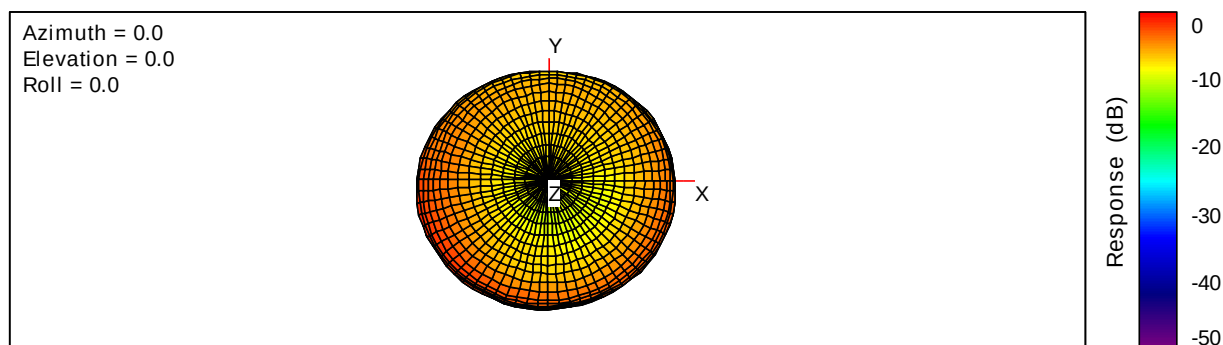
Theta



Phi

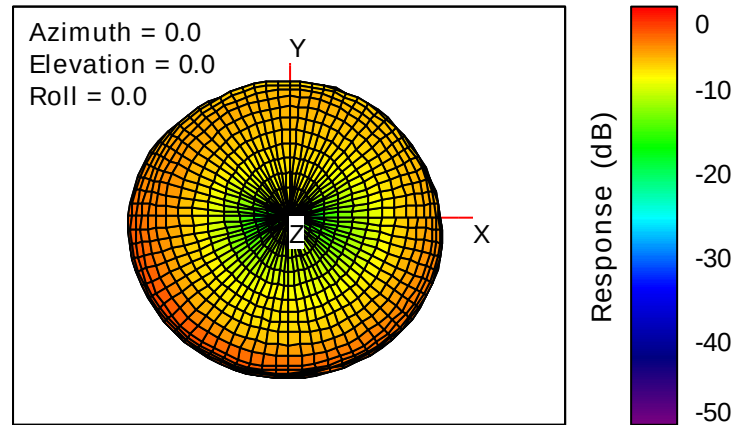


Total

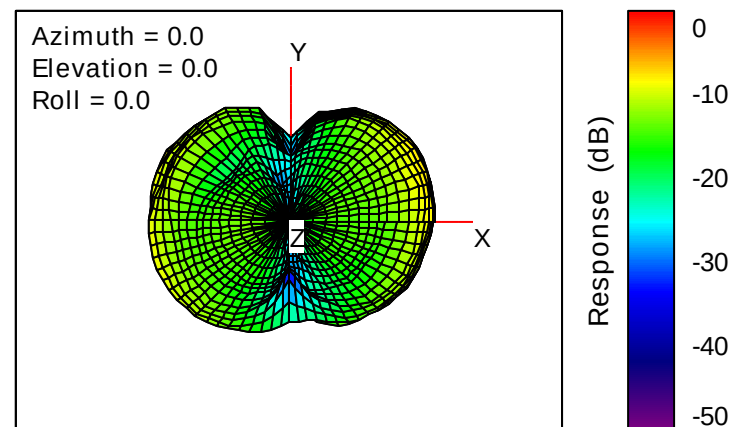


Antenna Gain 2450 MHz

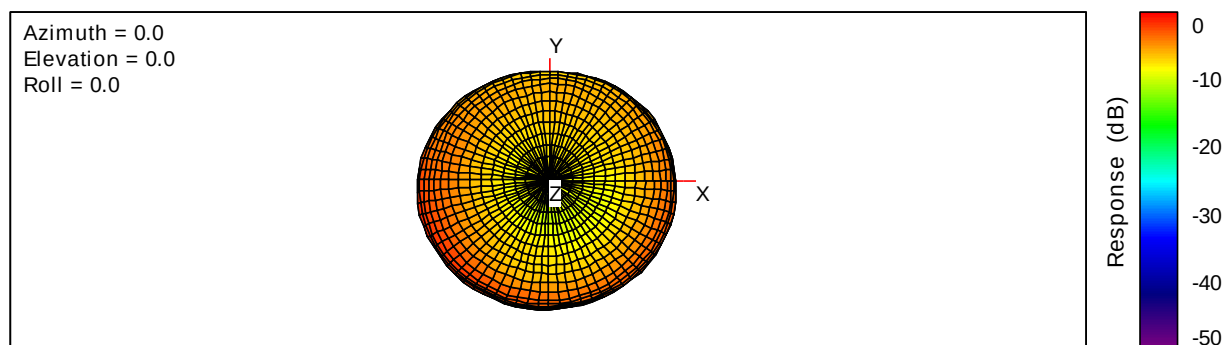
Theta



Phi



Total



Antenna Gain 2500 MHz