

# 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 6<sup>th</sup> Rd., Wugu Industrial Park.  
Taipei Hsien 248, Taiwan, R.O.C.

**Test Item****Name of Product:**

Muscle Stimulator

**Brand Name:**

PowerDot

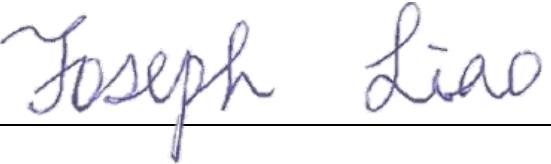
**Model/ Ref. No:**

PowerDot PD-01M

**Remarks:**

2.400 MHz、2450MHz、2500MHz

3D Gain Measurement Results

Confirmation	Approved by 	Tested by 
--------------	--	---

**Note:** This report shall not be reproduced except in full, without the written approval of Compliance Certification Services Inc. This document may be altered or revised by Compliance Certification Services Inc. personnel only, and shall be noted in the revision section of the document.

## Revision History

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

## Table Of Contents

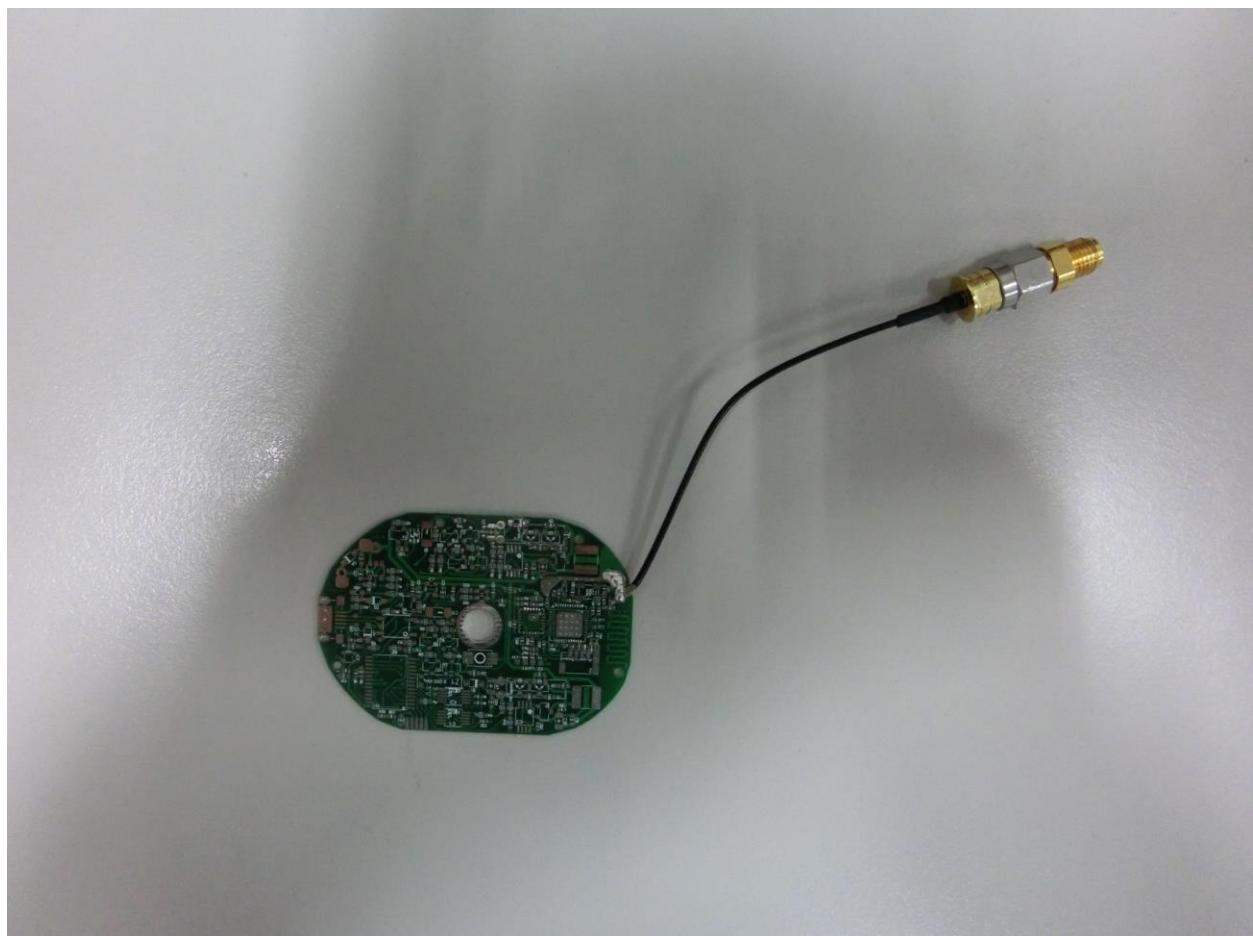
<b>1</b>	<b>GENERAL INFORMATION.....</b>	<b>4</b>
1.1	DESCRIPTION OF DEVICE UNDER TEST (DUT) .....	4
1.2	PRODUCT PHOTO .....	4
<b>2</b>	<b>SUMMARY OF TEST RESULT.....</b>	<b>5</b>
2.1	AMBIENT CONDITION .....	5
<b>3</b>	<b>DESCRIPTION FOR DUT TESTING POSITION.....</b>	<b>6</b>
<b>4</b>	<b>3D TEST PLOTTING.....</b>	<b>7</b>

## 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 ±Pi/4 (dBm)	-5.67317	-4.58087	-4.65445
NHPRP ±Pi/6 (dBm)	-7.02151	-5.83743	-5.83819
Average Gain (dB)	-4.64914	-3.62293	-3.81022

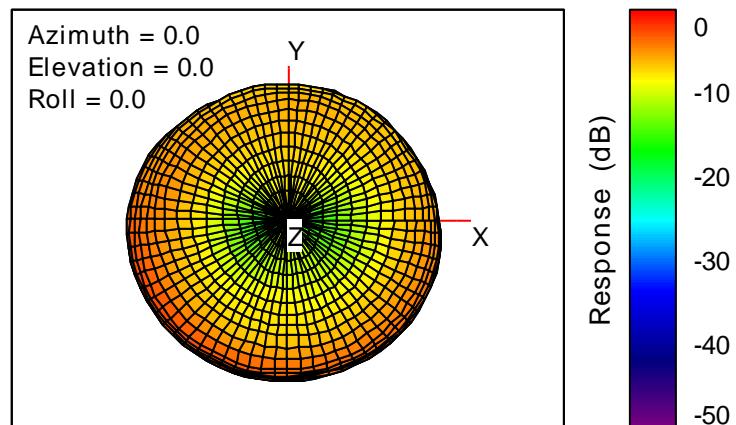
### 3 Description for DUT Testing Position



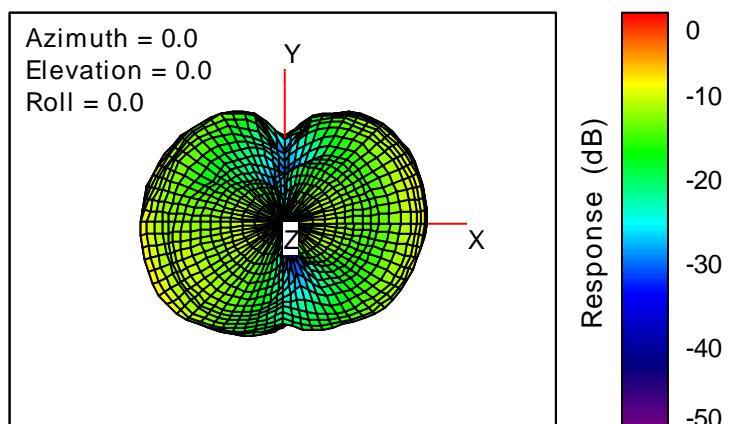
## 4 Test Plotting

The test plotting was shown as below

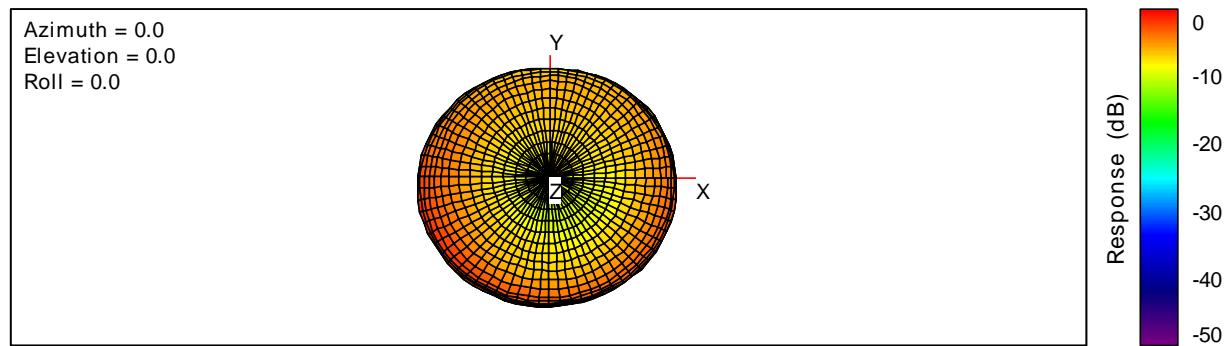
Theta



Phi

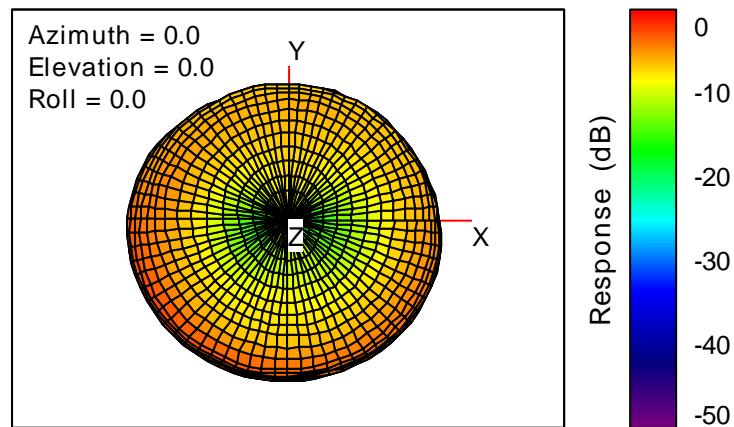


Total

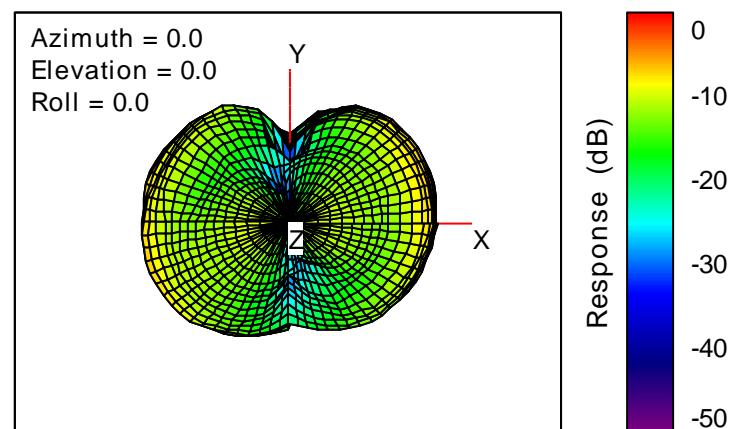


Antenna Gain 2400 MHz

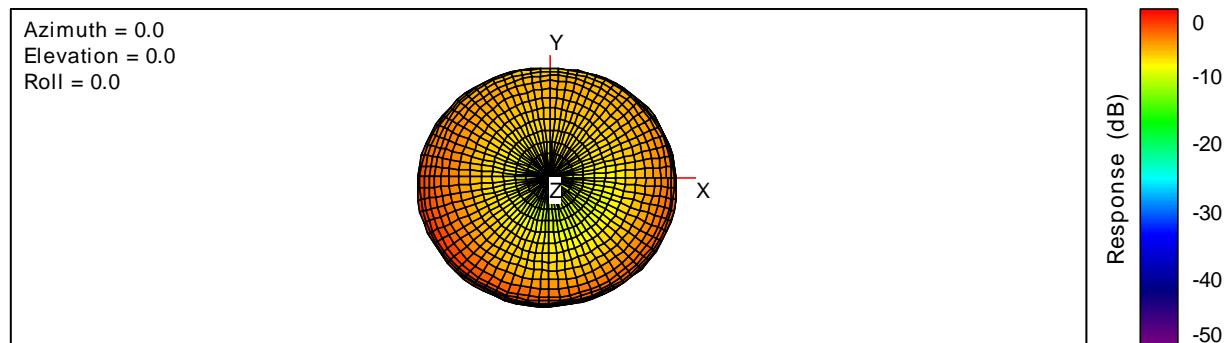
Theta



Phi

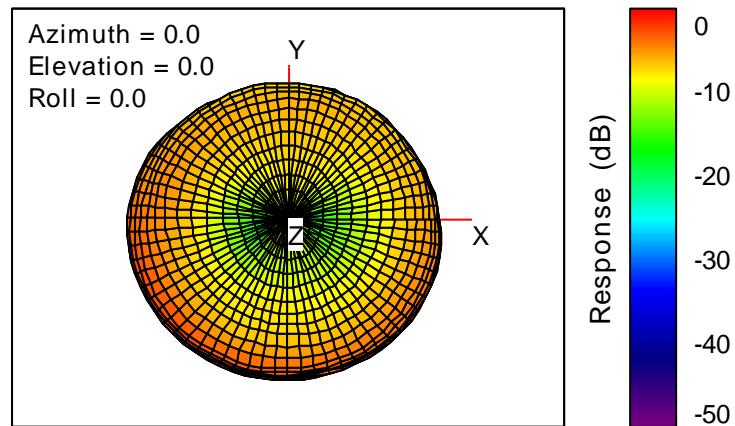


Total

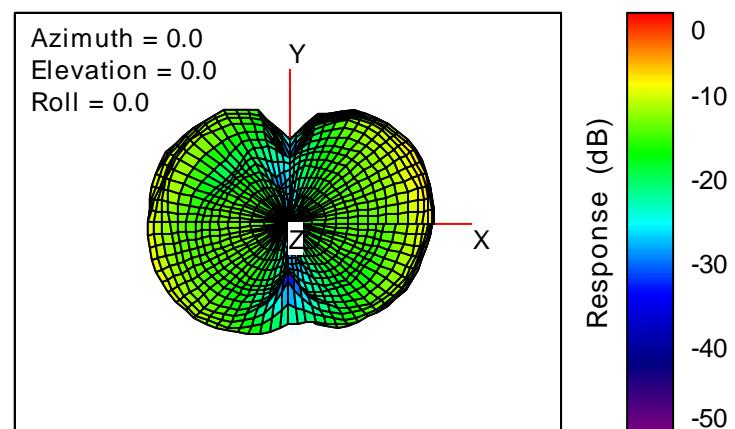


Antenna Gain 2450 MHz

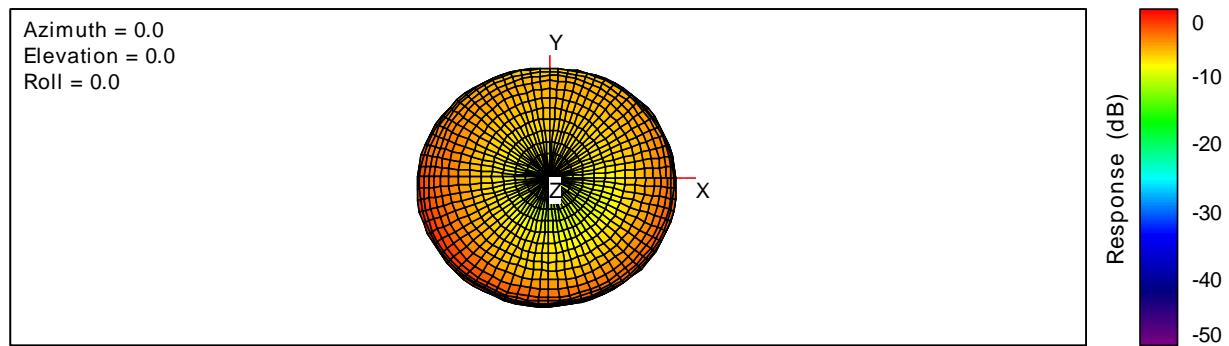
Theta



Phi



Total



Antenna Gain 2500 MHz