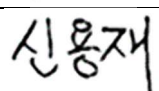


Model No. OG-SH02-PEM**Title Bluetooth Antenna Radiation Test Report****Report No. OS-BARTR-OGSH02PEM****Revision No.**

0

	Name	Date	Signature
Prepared by	Su Chul Park	2024.04.17	
Reviewed by	Yun Jae Lee	2024.04.17	
Approved by	Yong Jae Shin	2024.04.17	

OSANG Healthcare Co., Ltd.



Document No.
Origin date
Rev. date

OS-BARTR-OGSH02PEM
2024.04.17

※ **Revision history**

Rev. No.	Date	Contents	Prepared by
0	2024.04.17	1) Established Test Data	Su Chul Park



Document No.
Origin date
Rev. date

OS-BARTR-OGSH02PEM
2024.04.17

Table of Contents

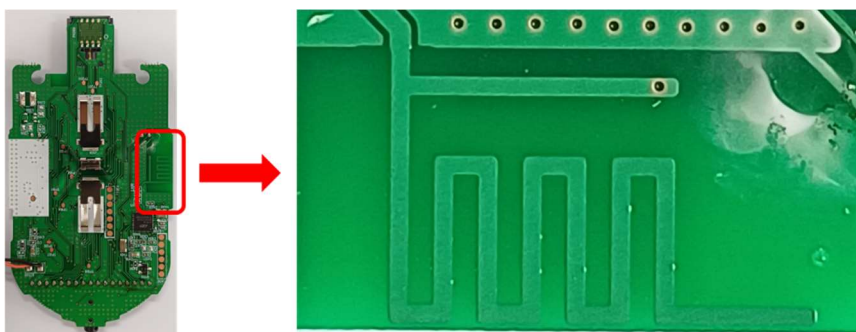
1.	General Information	4
2.	Test Result	5

1. General Information

1.1 Product Information

Model Name	OG-SH02-PEM	
Product use	Bluetooth Low Energy	
Quantity	1 EA	
Test Items	Gain / Radiation pattern (2D)	
Test Date	2019.06.04	
Test Location	SK Tech Co., Ltd.	
Test Environment	Temperature – (24.5 ± 3) °C, Humidity - (52 ± 5)% R.H.	
Test Equipment	Product Name	Spectrum Analyzer
	Model Name	E4405B
	Manufacturer	Agilent
	SPEC	9 kHz to 13.2 GHz
Test Result	Refer to 2.Test Result	
Manufacturer	OSANG Healthcare Co., Ltd	
Note	-	

1.2 Description of Antenna

Product Name	GluNEO Pet
Model Name	OG-SH02-PEM
Frequency Range	2402 MHz ~ 2480 MHz
Type of Antenna	PCB Antena
Antenna Gain	-0.72 dBi (Max)
Impedance	50 ohm
	

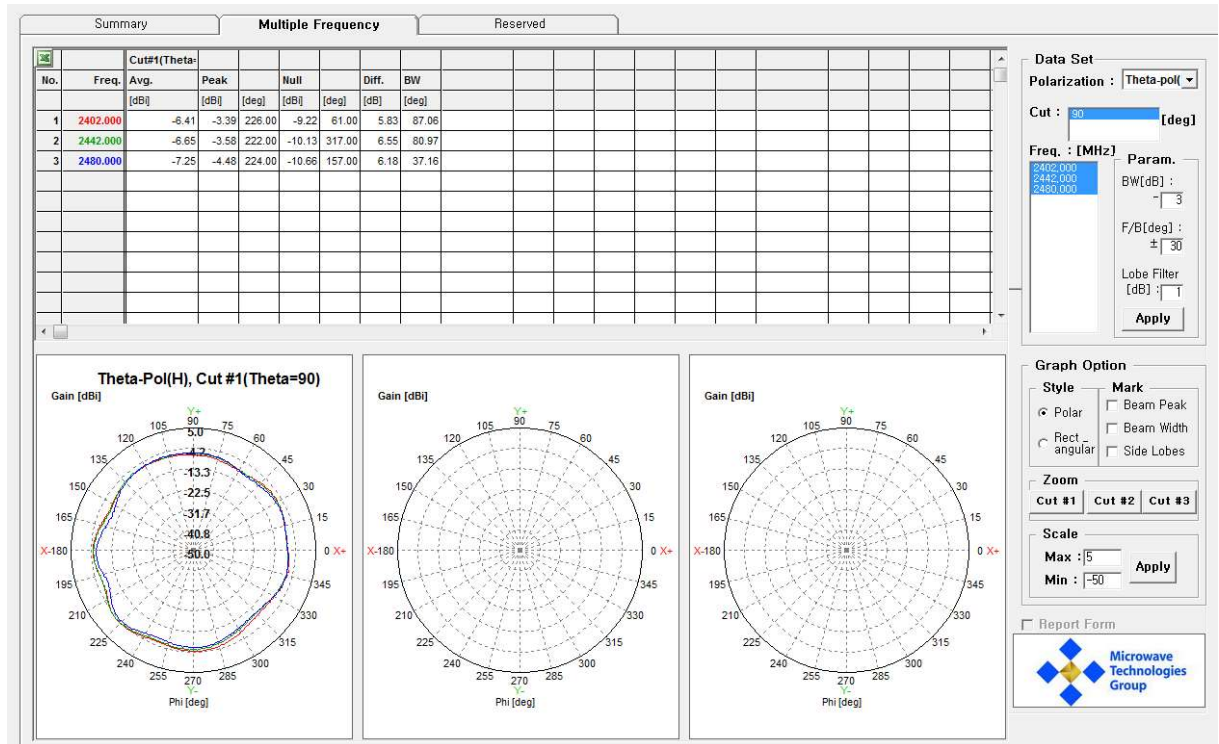
2. Test Result

2.1 Gain

Frequency	Polarity	Peak Gain (dBi)
2402 MHz	Horizontal	-3.39
	Vertical	-3.58
2442 MHz	Horizontal	-4.48
	Vertical	-1.08
2480 MHz	Horizontal	-0.72
	Vertical	-1.55

2.2 Radiation Pattern

2.2.1 Horizontal



2.2.2 Vertical

