

# OTA TEST REPORT

**Client Information:**

**Applicant**.....: Zhejiang Okai Vehicle Co., Ltd.  
**Address add**.....: 9 Xinxing Road, Xinbi Street, Jinyun County, Zhejiang Province, China.  
**Product Name**.....: EB50BLE Antenna  
**Model Name**.....: EB50BLE Antenna  
**Date of Test**..... 2 Sep. 2022  
**Date of Issue**..... 2 Sep. 2022

Report Prepared by : 赵棋耀  
(qiyaozhao)

Report Approved by :   
(leo Li)

Authorized Signatory : \_\_\_\_\_  
(kaiser\_tong)



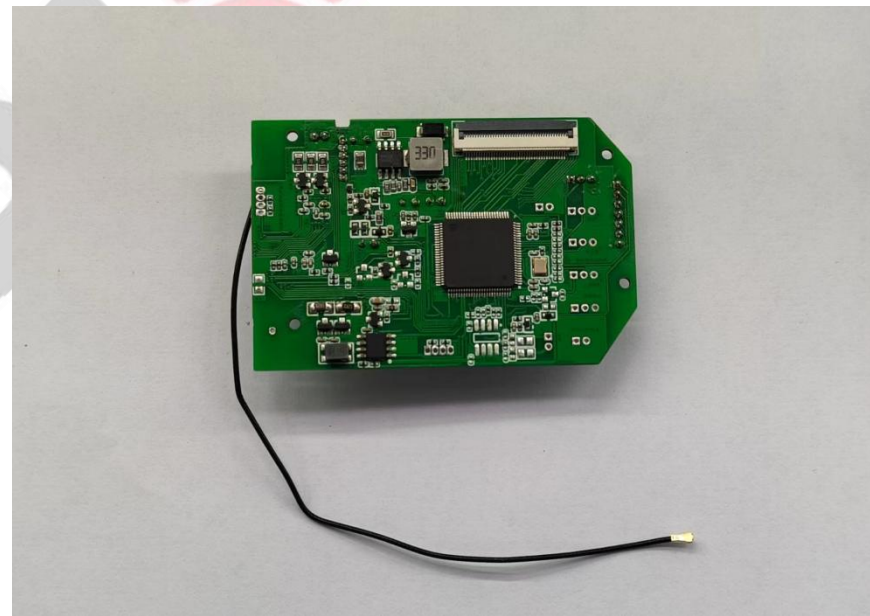
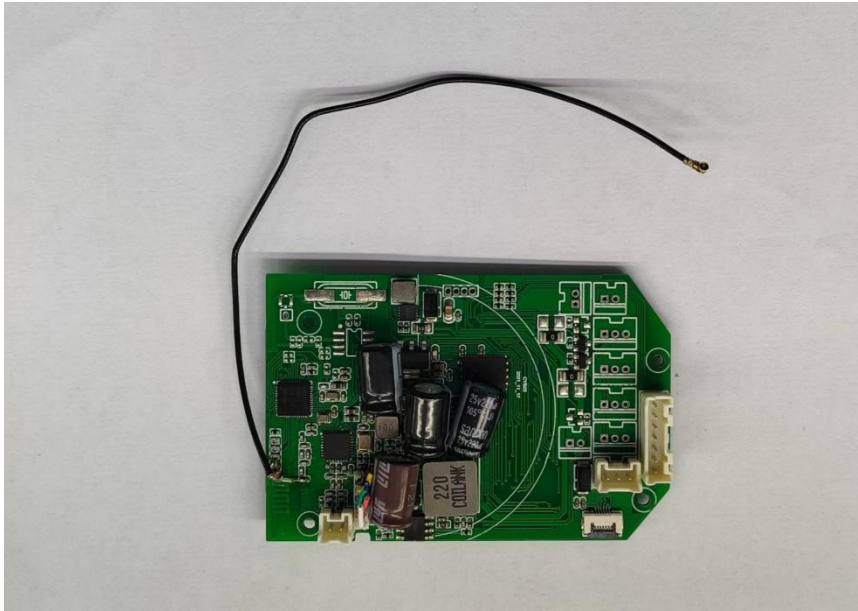
## Table of Contents

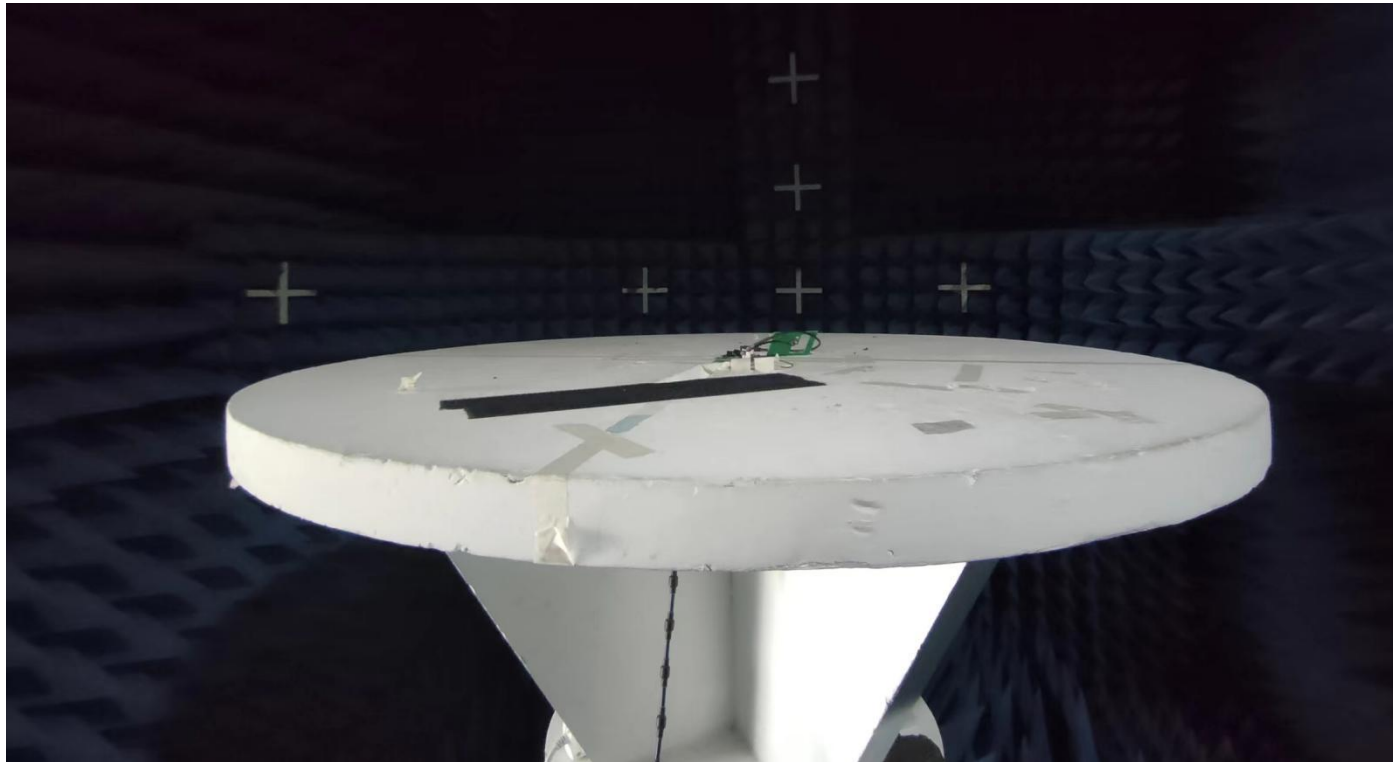
Revision History-----	3
1. Sample photo -----	4
2. Test layout-----	5
3. Results Summary -----	6
4. Radiation Pattern/Efficiency-----	7

## Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	2 Sep. 2022	SHATBL2209005	ALL	Initial Issue

**1. Sample photo**





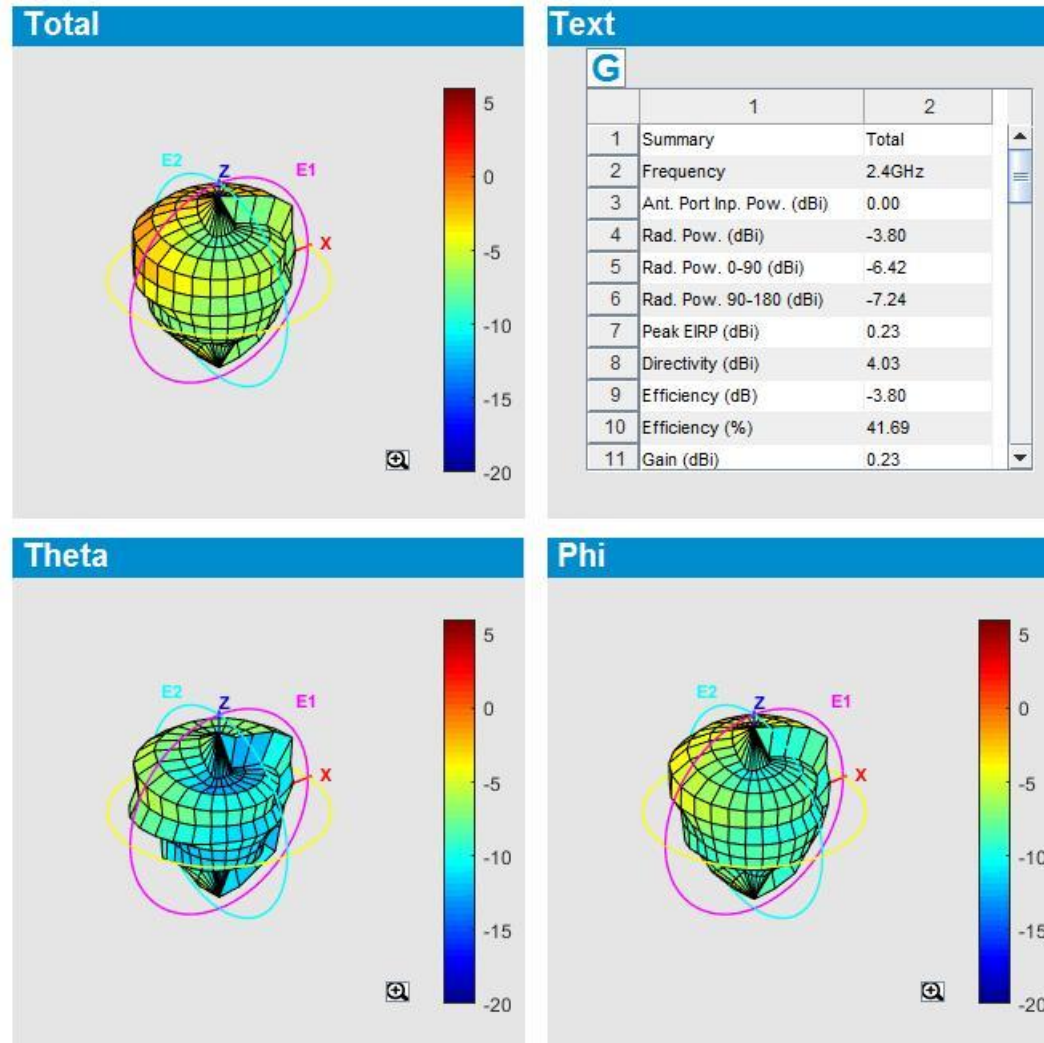
### 3. Results Summary

#### Overview

Test / Position	Free Space										
Communication System frequently	Gain										
	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
<b>Avg Gain</b>	<b>-3.8</b>	<b>-4.4</b>	<b>-5.4</b>	<b>-4.9</b>	<b>-4.0</b>	<b>-4.2</b>	<b>-5.0</b>	<b>-5.2</b>	<b>-4.7</b>	<b>-3.9</b>	<b>-3.1</b>
Peak Gain	0.2	-0.7	-2.1	-1.9	-0.9	-1.0	-1.7	-1.5	-1.0	-0.6	0.1
Directivity	4.0	3.7	3.3	3.0	3.1	3.2	3.3	3.7	3.7	3.3	3.3
Efficiency	-3.8	-4.4	-5.4	-4.9	-4.0	-4.2	-5.0	-5.2	-4.7	-3.9	-3.1
<b>Efficiency (%)</b>	<b>41.7</b>	<b>36.5</b>	<b>28.8</b>	<b>32.7</b>	<b>39.8</b>	<b>37.8</b>	<b>31.8</b>	<b>30.1</b>	<b>33.8</b>	<b>40.6</b>	<b>48.6</b>
Gain	0.2	-0.7	-2.1	-1.9	-0.9	-1.0	-1.7	-1.5	-1.0	-0.6	0.1
Note											

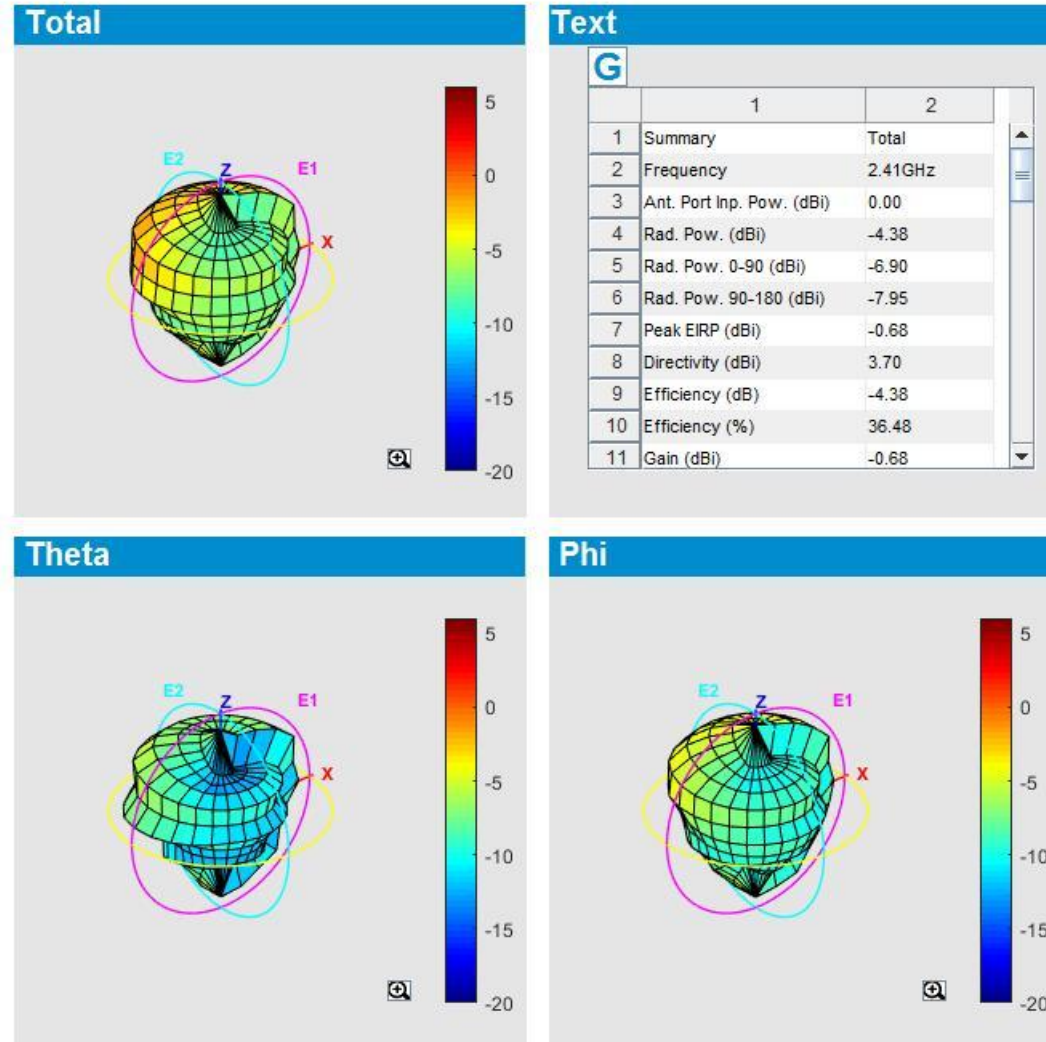
### 4. Radiation Pattern/Efficiency

## 2.40GHz



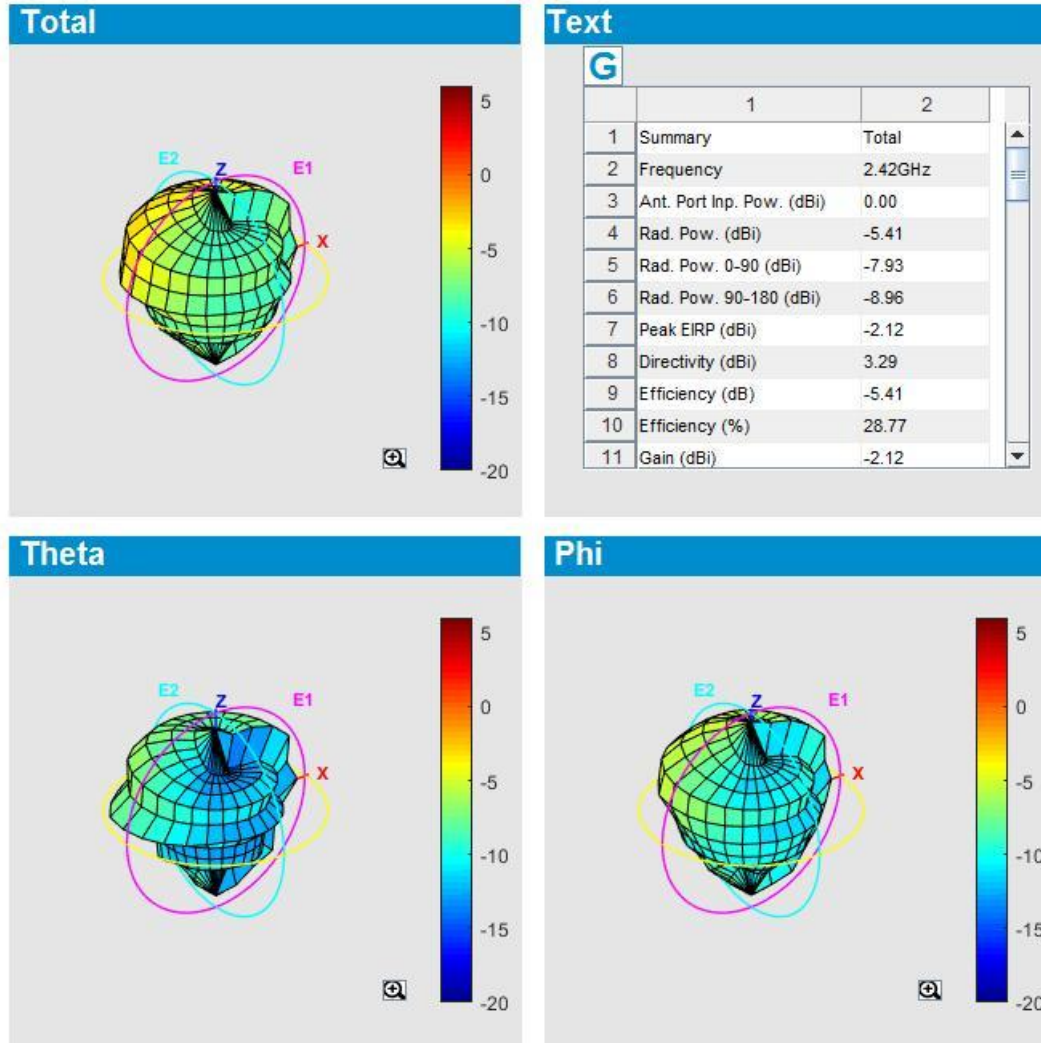


## 2.41GHz

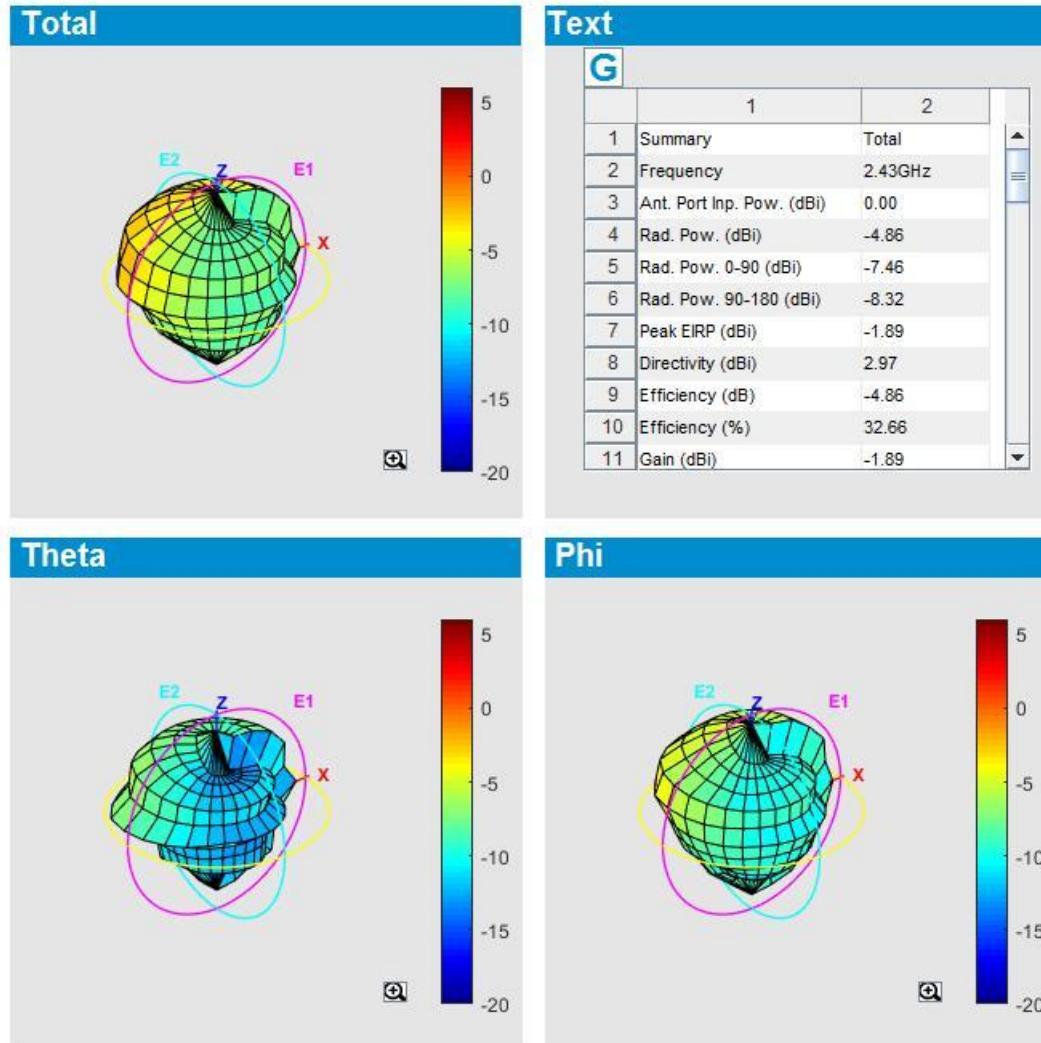




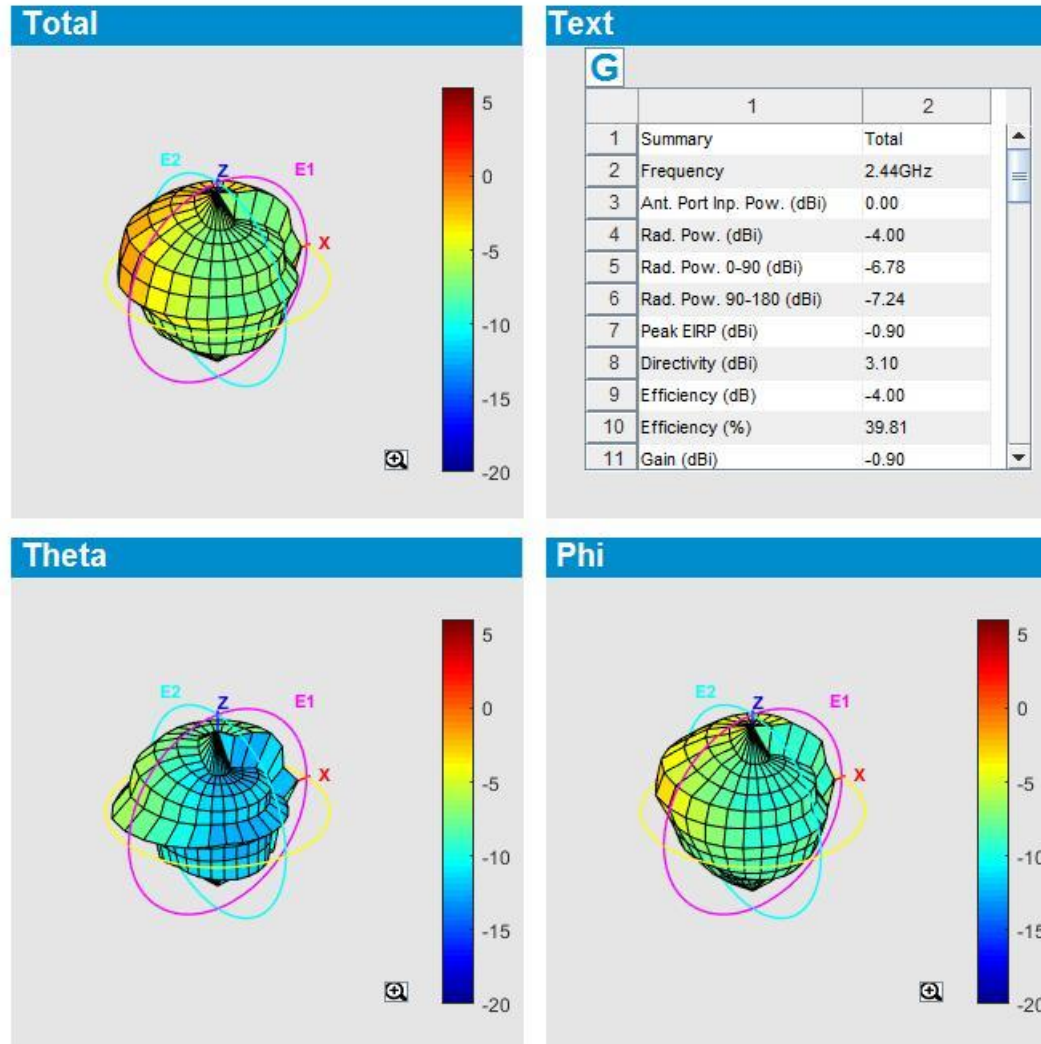
## 2.42GHz



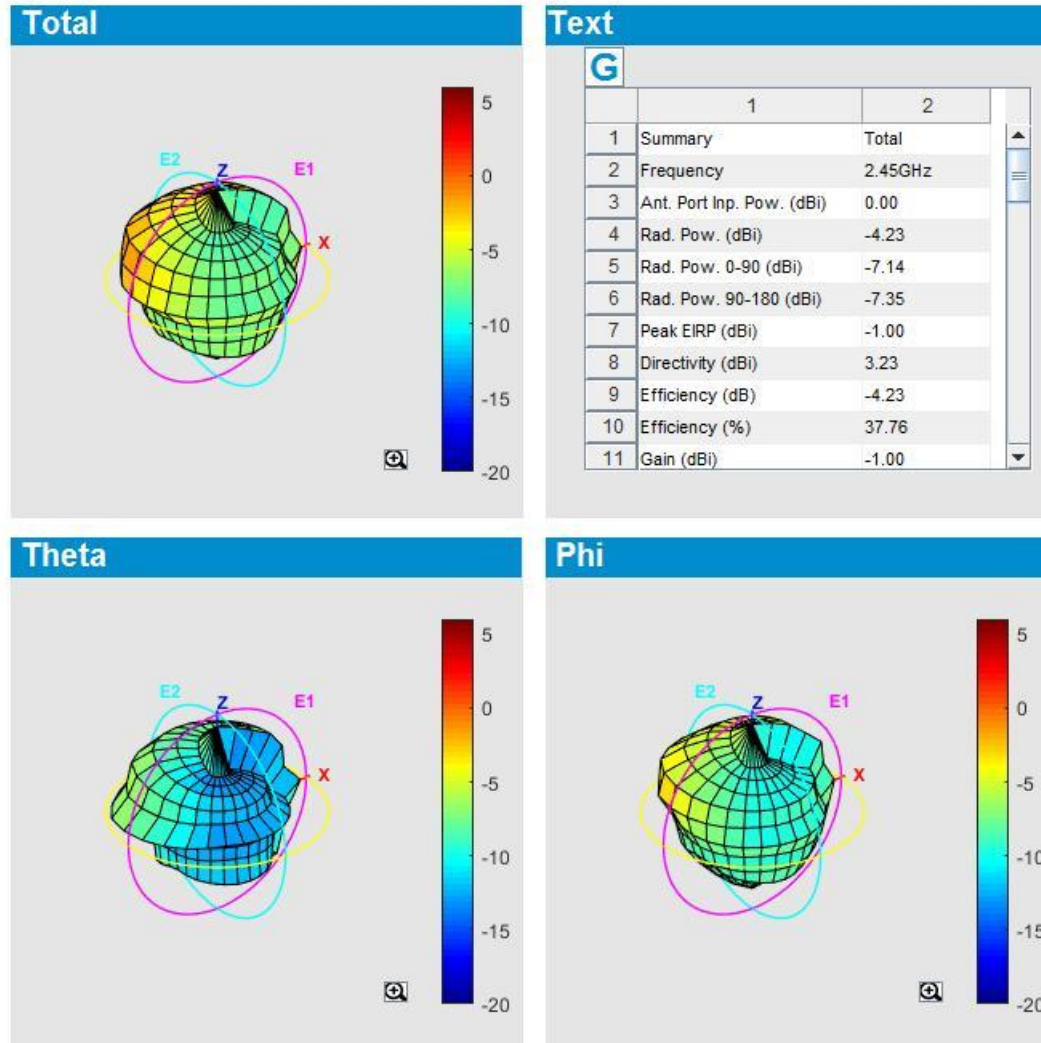
## 2.43GHz



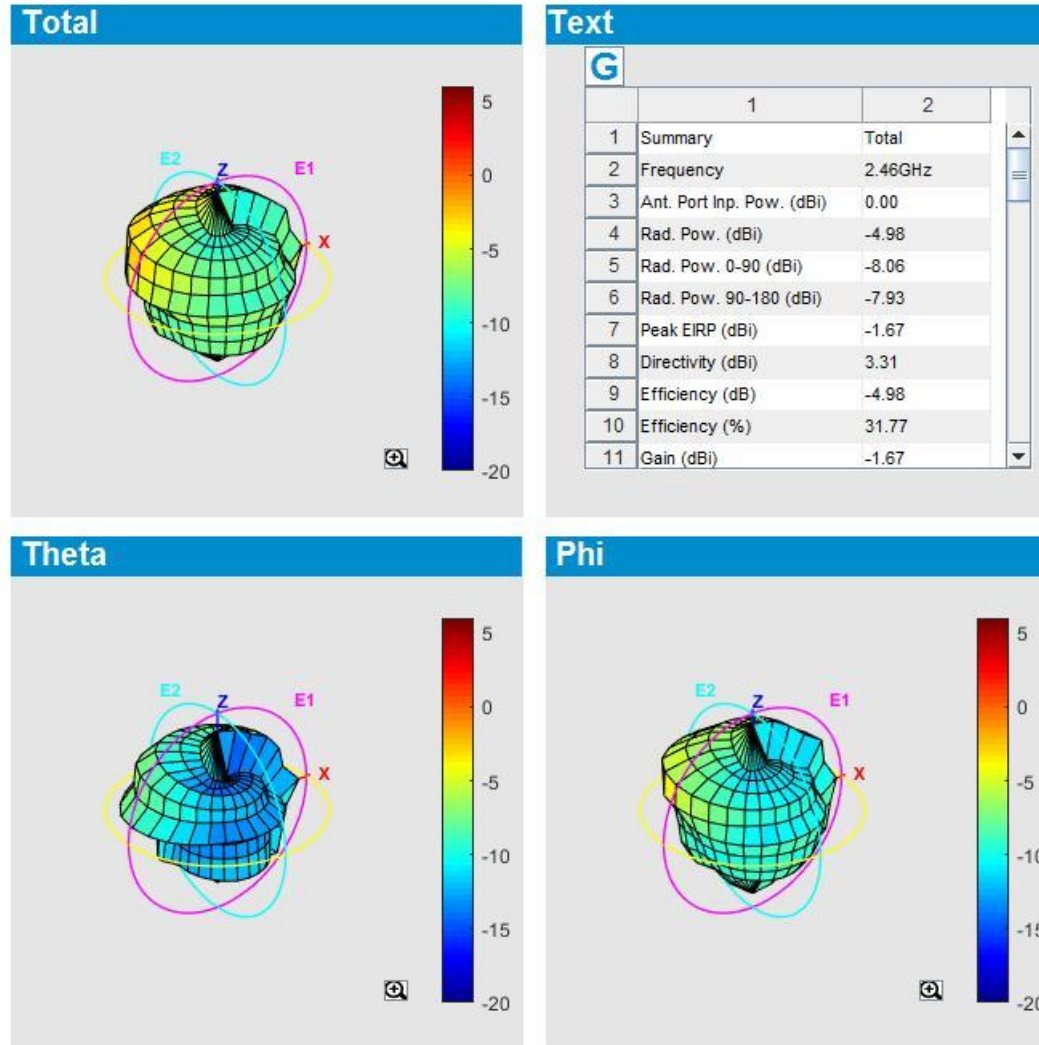
## 2.44GHz



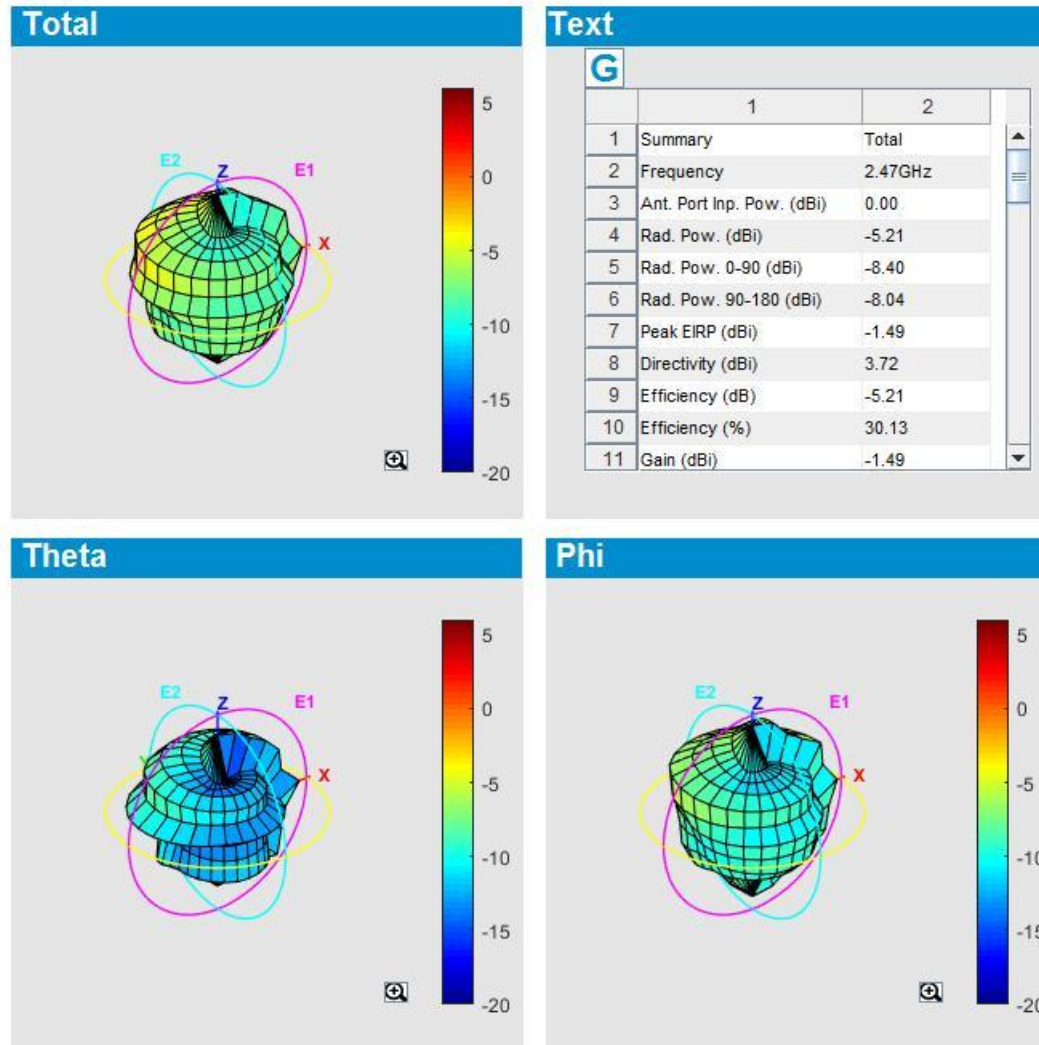
## 2.45GHz



## 2.46GHz

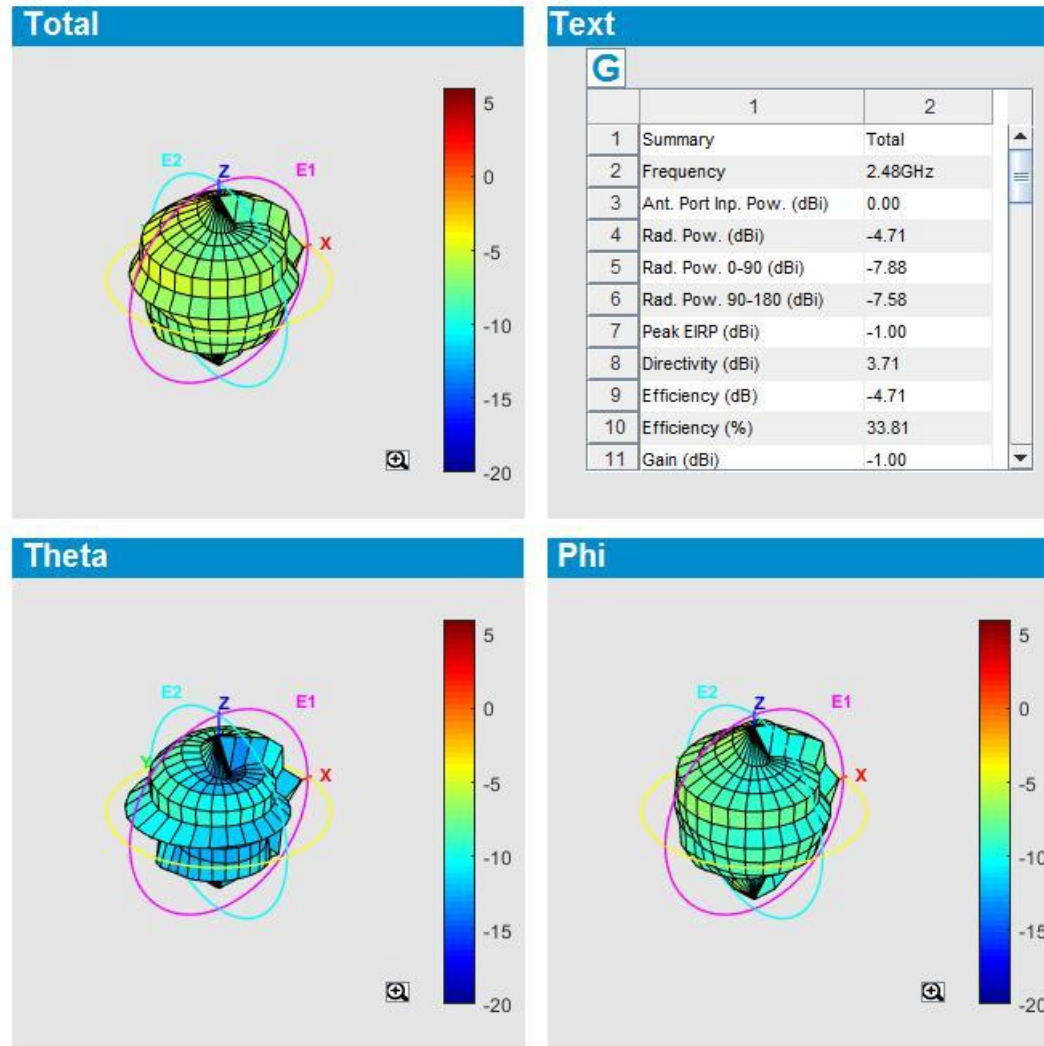


## 2.47GHz



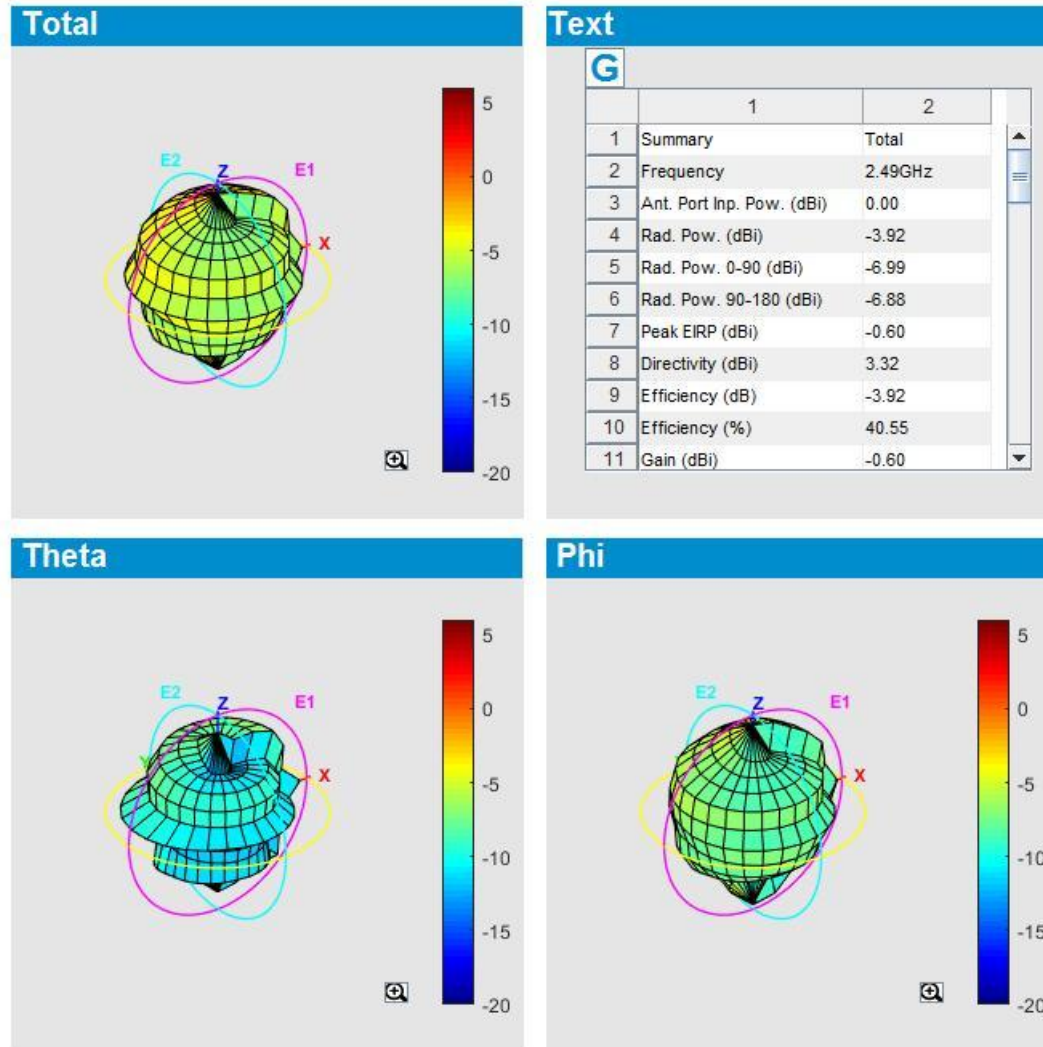


## 2.48GHz





## 2.49GHz



## 2.50GHz

