



Report No.: SHATBL2502016

OTA TEST REPORT

Client Information:

Applicant.....: Zhejiang OKAI Vehicle Co.,Ltd.
Address add.....: No.8 Xinfu Road, Xinbi Street, Jinyun County,
Lishui,Zhejiang,321400, China
Product Name.....: PCB Antenna
Model Name.....: HY_LEB_IG
Date of Test.....: 3 Mar. 2025
Date of Issue.....: 3 Mar. 2025

Report Prepared by :

Menglong Huang

(Menglong Huang)

Report Approved by :

Leo Li

(Leo Li)



"Shanghai ATBL Technology Co., Ltd." hereby certifies that the test results described in the company's standard test site test report and the structure of the test equipment are recorded in detail based on the actual test situation. The test results of this report are only applicable to the above-mentioned tested prototypes and the equipment described in the report. This report is not allowed to be copied without the written consent of Shanghai ATBL Technology Co.,

Ltd.;Shanghai ATBL Technology Co., Ltd.

Building 8,No. 160 Basheng road,Waigaoqiao Free Trade Zone,Pudong New Area,Shanghai

Tel:+86(0)21-51298625 Web:www.atbl-lab.com

Table of Contents

Revision History-----	3
1. Device list -----	4
2. Sample photo -----	5
3. Test layout-----	6
4. Results Summary -----	7
5. Radiation Pattern/Efficiency-----	8

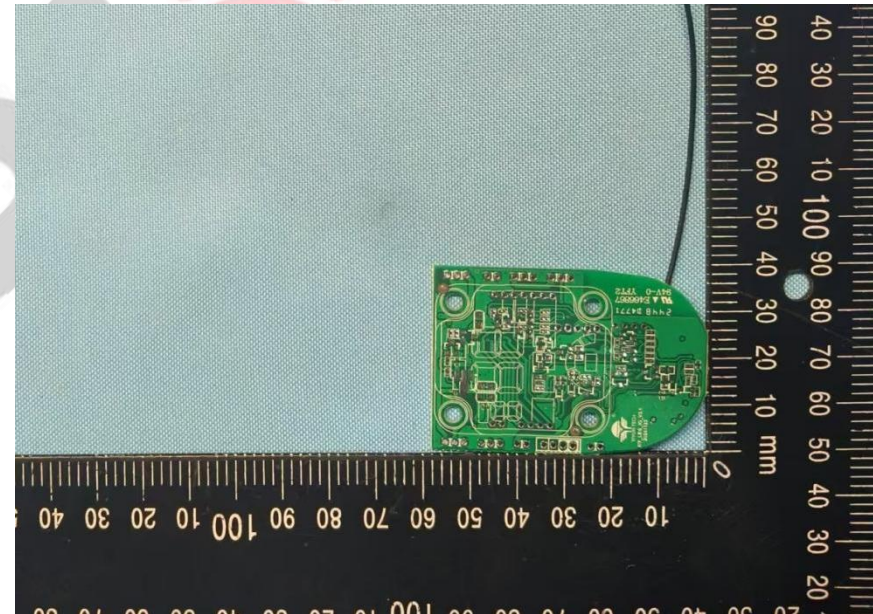
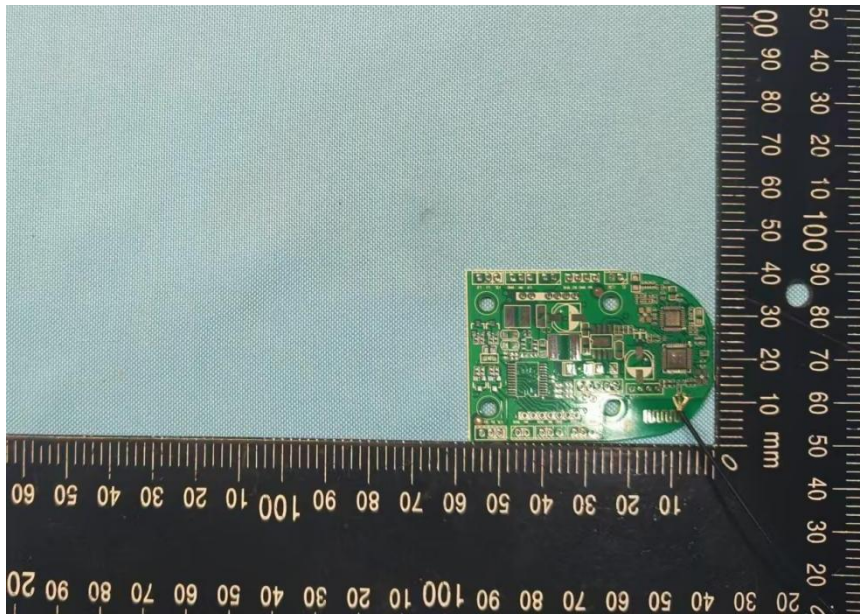
Revision History

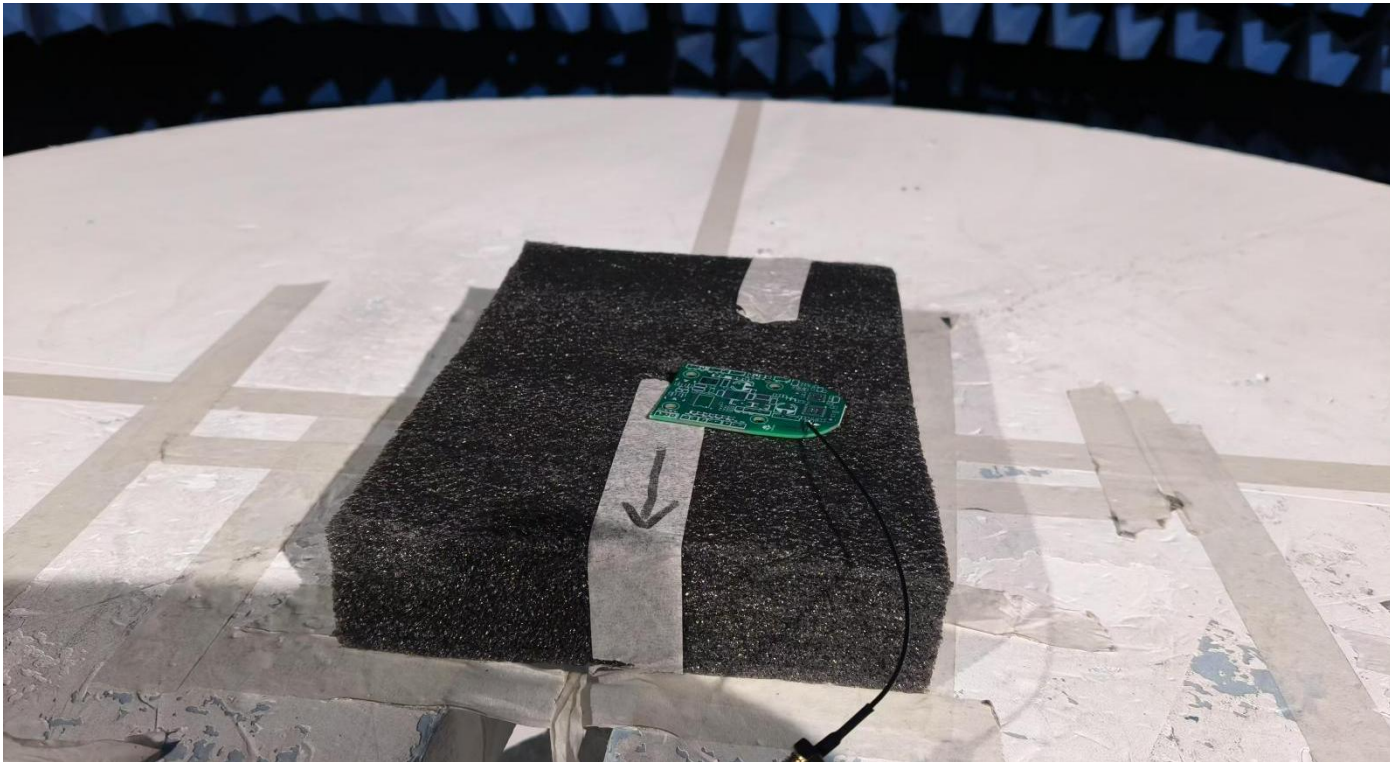
Rev.	Issue Date	Report No.	Effect Page	Contents
00	3 Mar. 2025	SHATBL2502016	ALL	Initial Issue

1. Device list

Equipment	Manufacturer	Model	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	Nov 10, 2024	Nov 09, 2025
CMW500	R&S	CMW500	Nov 10, 2024	Nov 09, 2025
Network Analyzer	AGILENT	E5071C	Nov 10, 2024	Nov 09, 2025
Frequency Spectrograph	AGILENT	N9020A	Nov 10, 2024	Nov 09, 2025

2.Sample photo





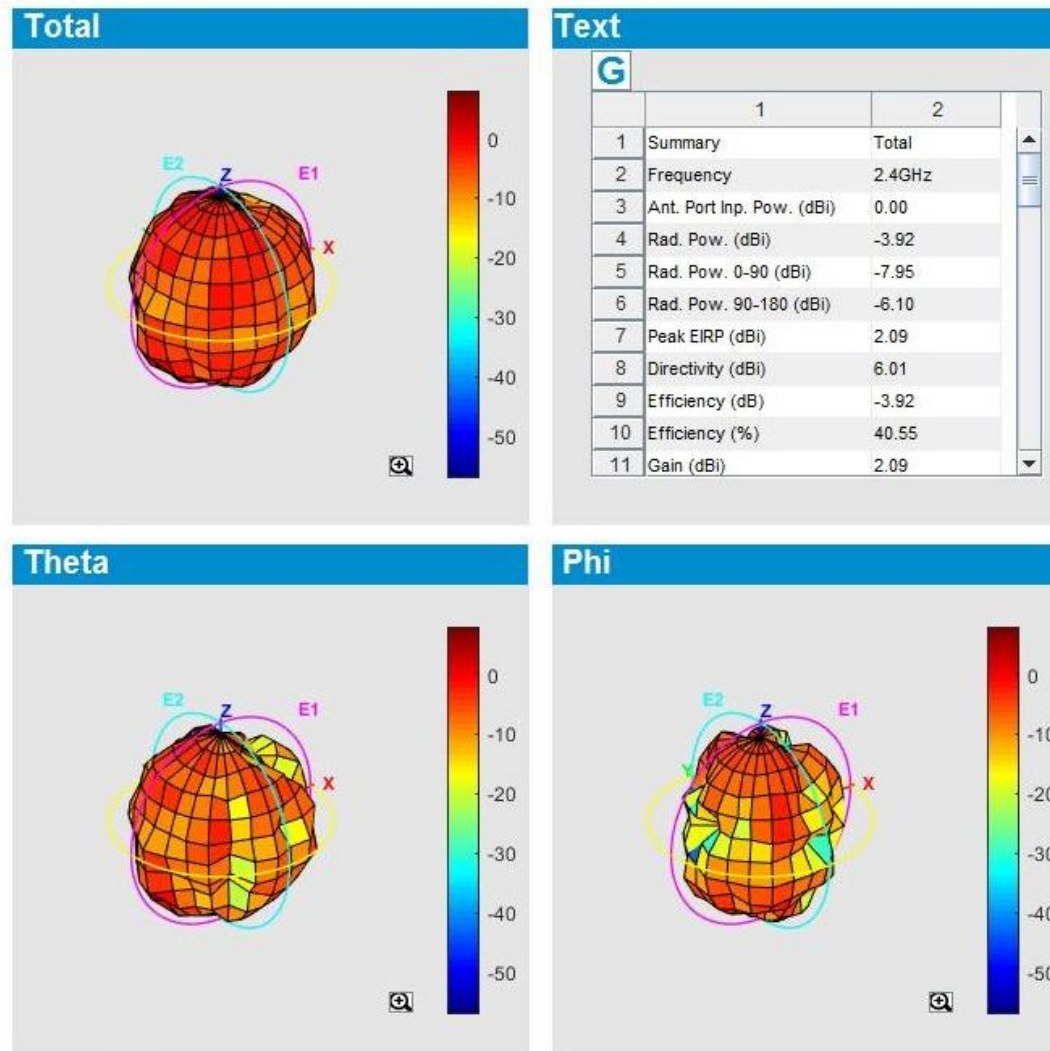
4. Results Summary

Overview

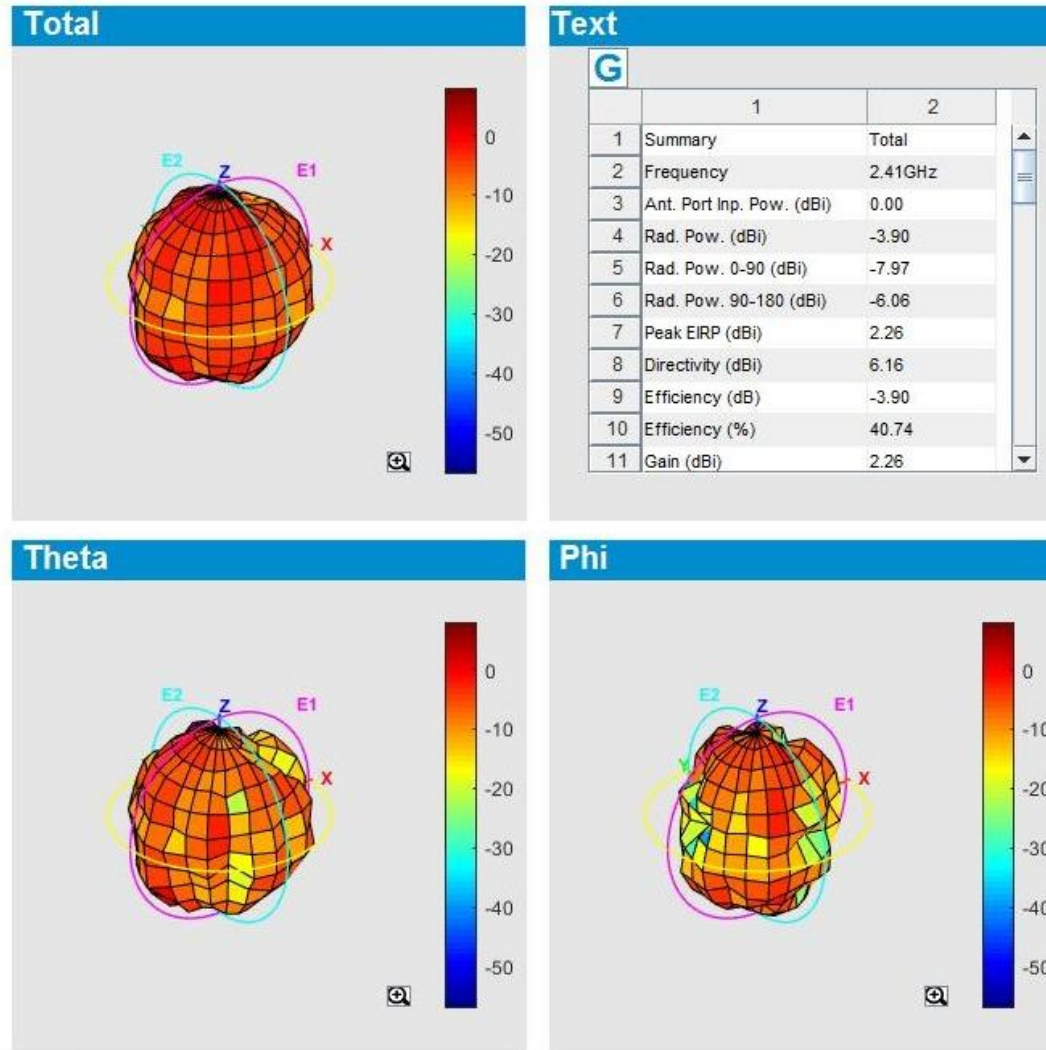
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	40.55	-3.92	2.09	6.01
2410	40.74	-3.90	2.26	6.16
2420	37.24	-4.29	1.93	6.22
2430	39.81	-4.00	2.38	6.38
2440	36.81	-4.34	2.14	6.48
2450	38.19	-4.18	2.13	6.31
2460	38.02	-4.20	2.24	6.44
2470	39.54	-4.03	2.49	6.52
2480	39.17	-4.07	2.49	6.56
2490	38.46	-4.15	2.25	6.40
2500	34.99	-4.56	1.74	6.30

5. Radiation Pattern/Efficiency

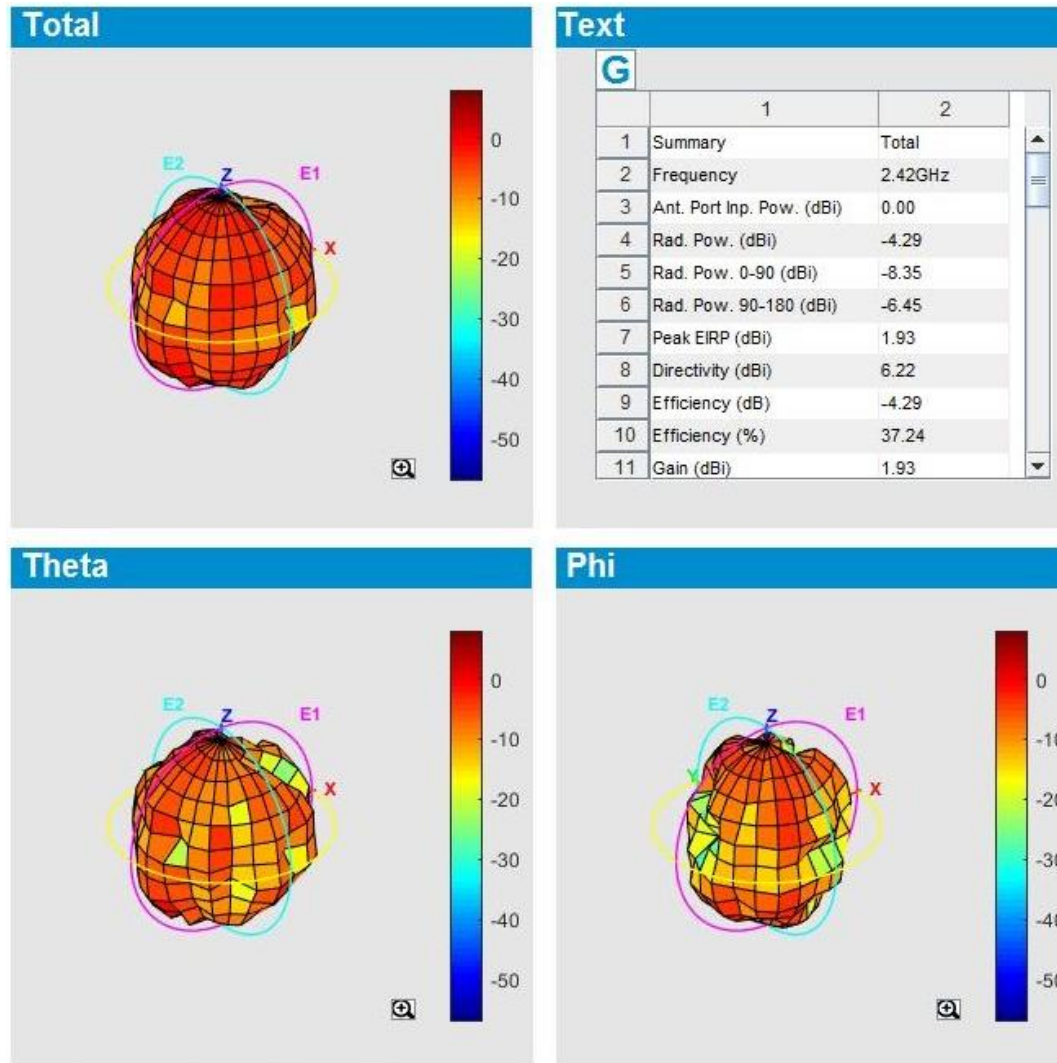
2.40GHz



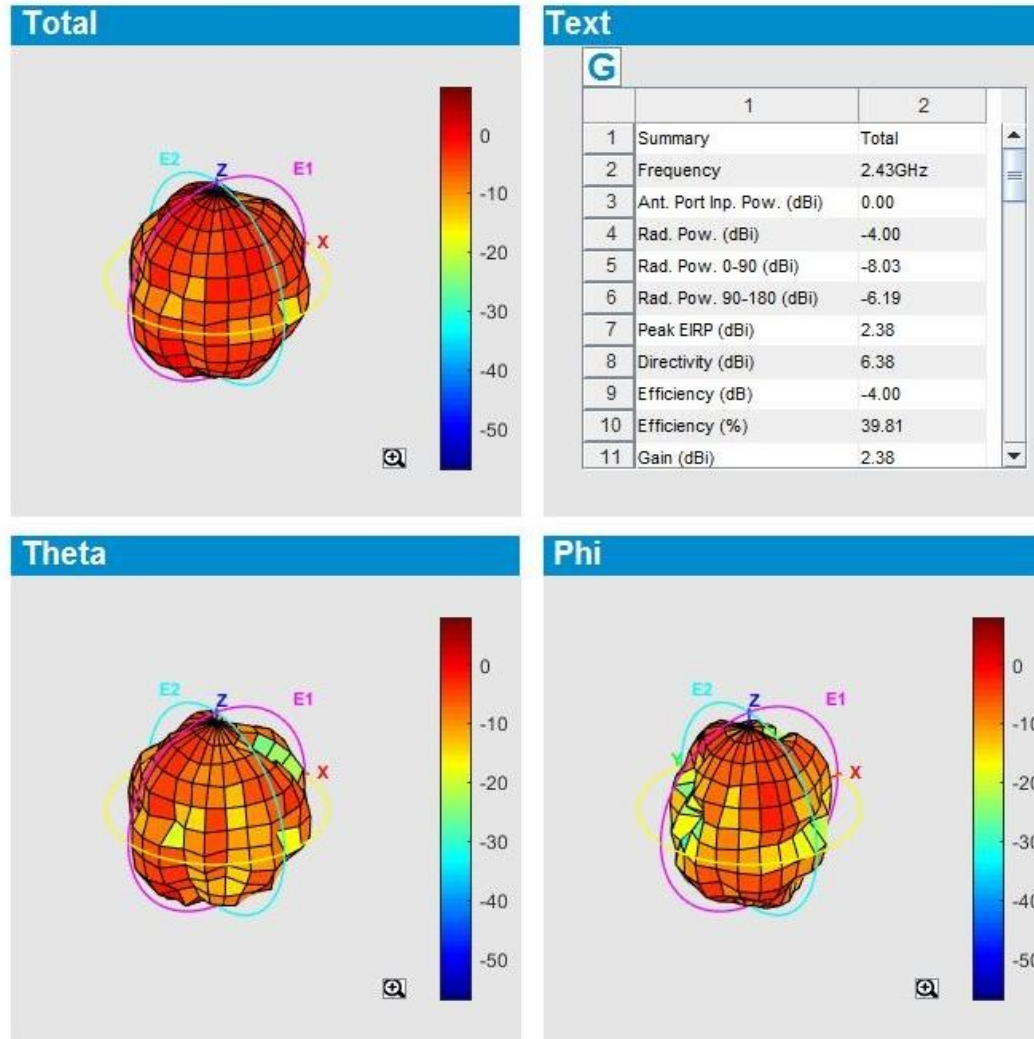
2.41GHz



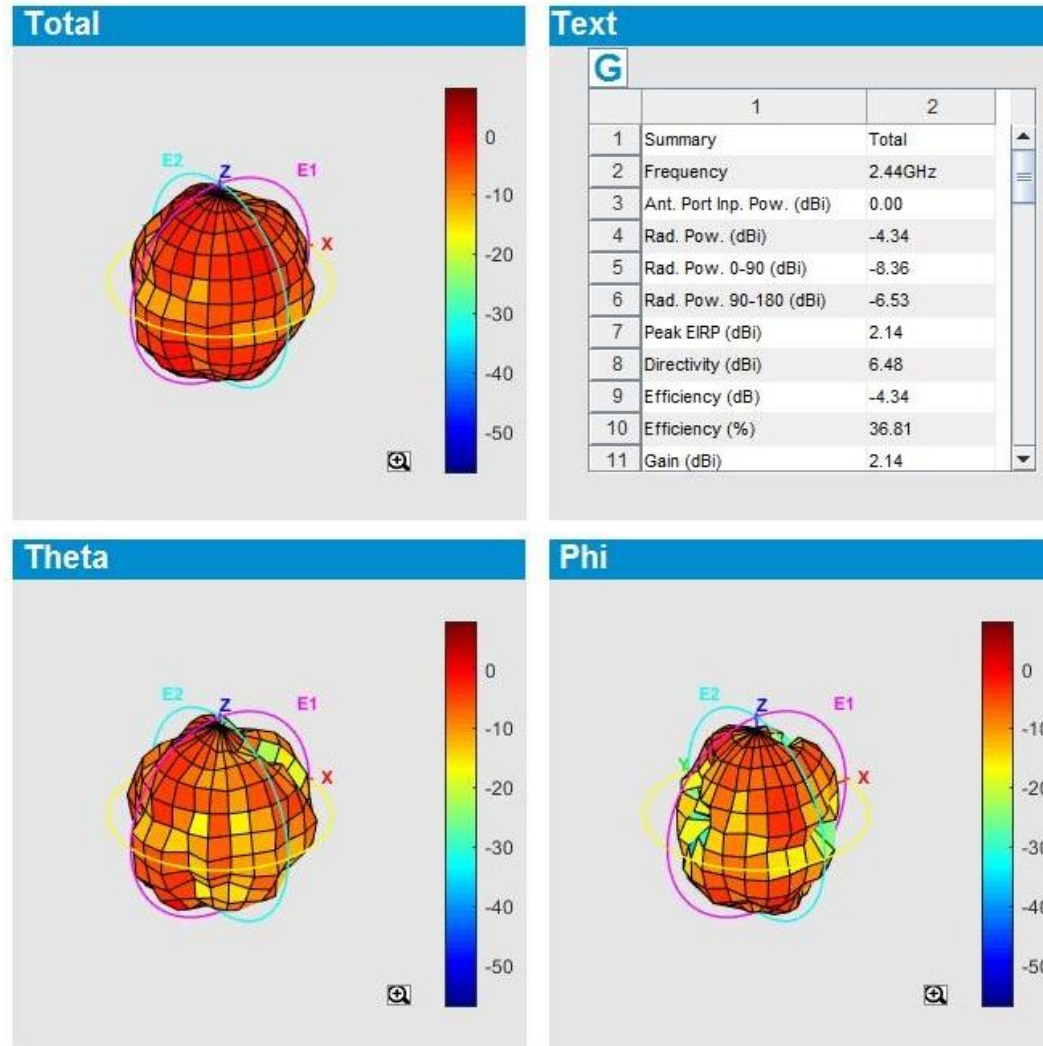
2.42GHz



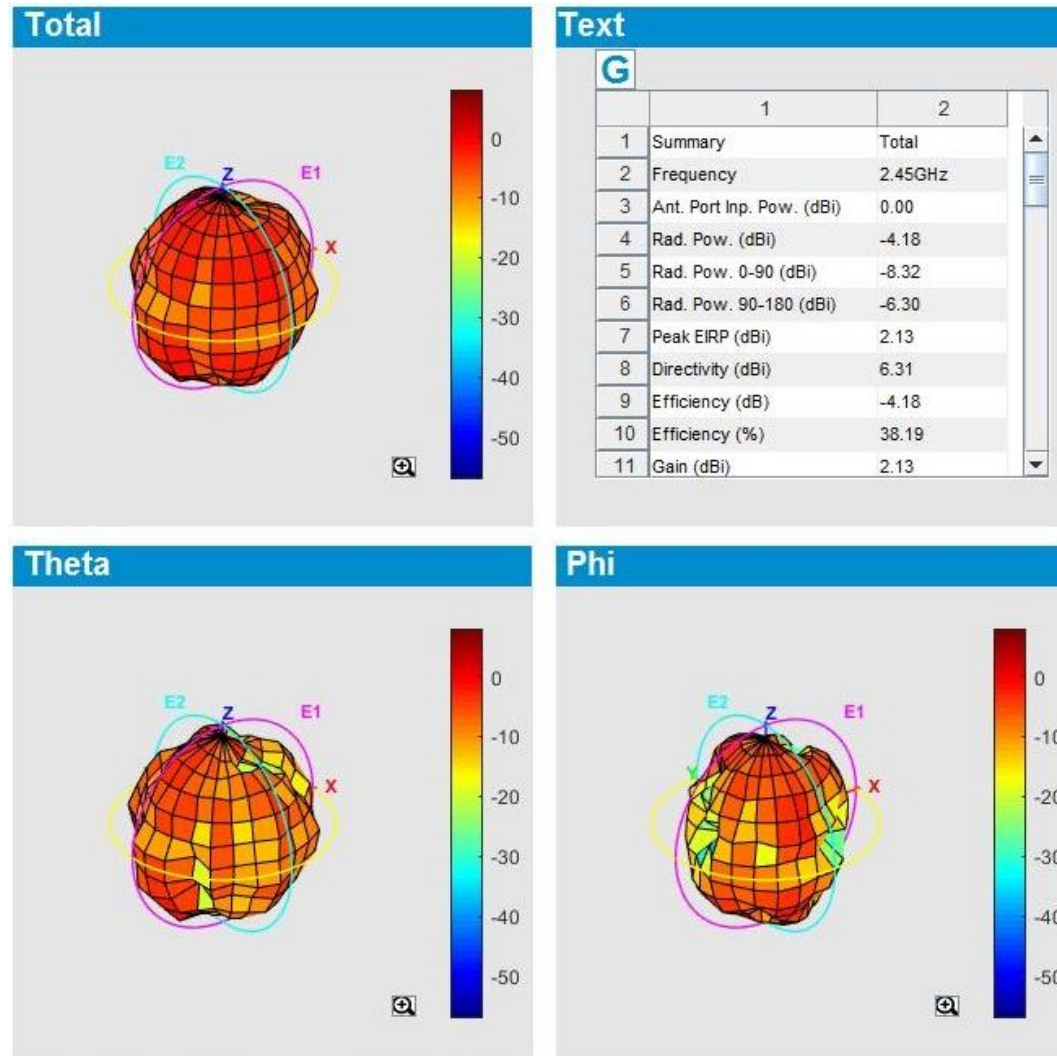
2.43GHz



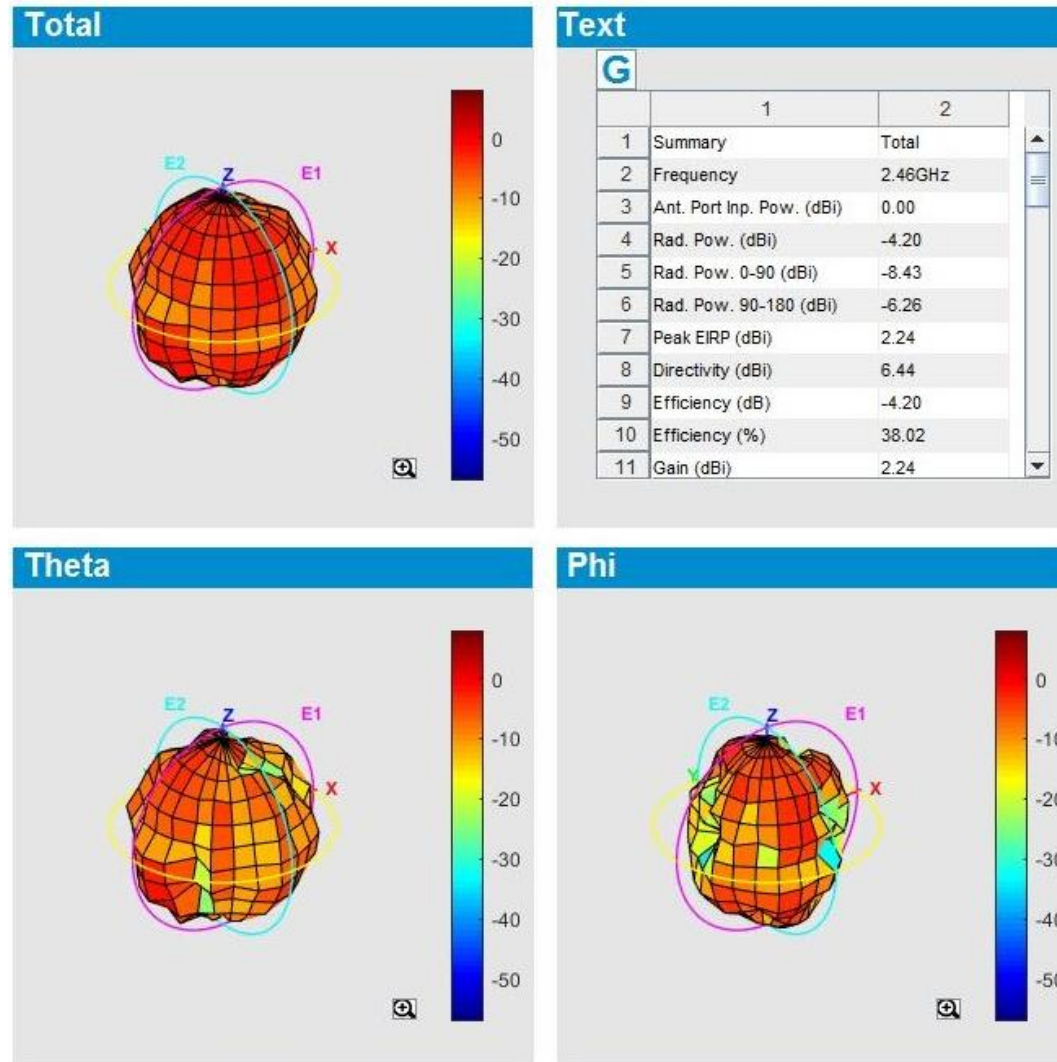
2.44GHz



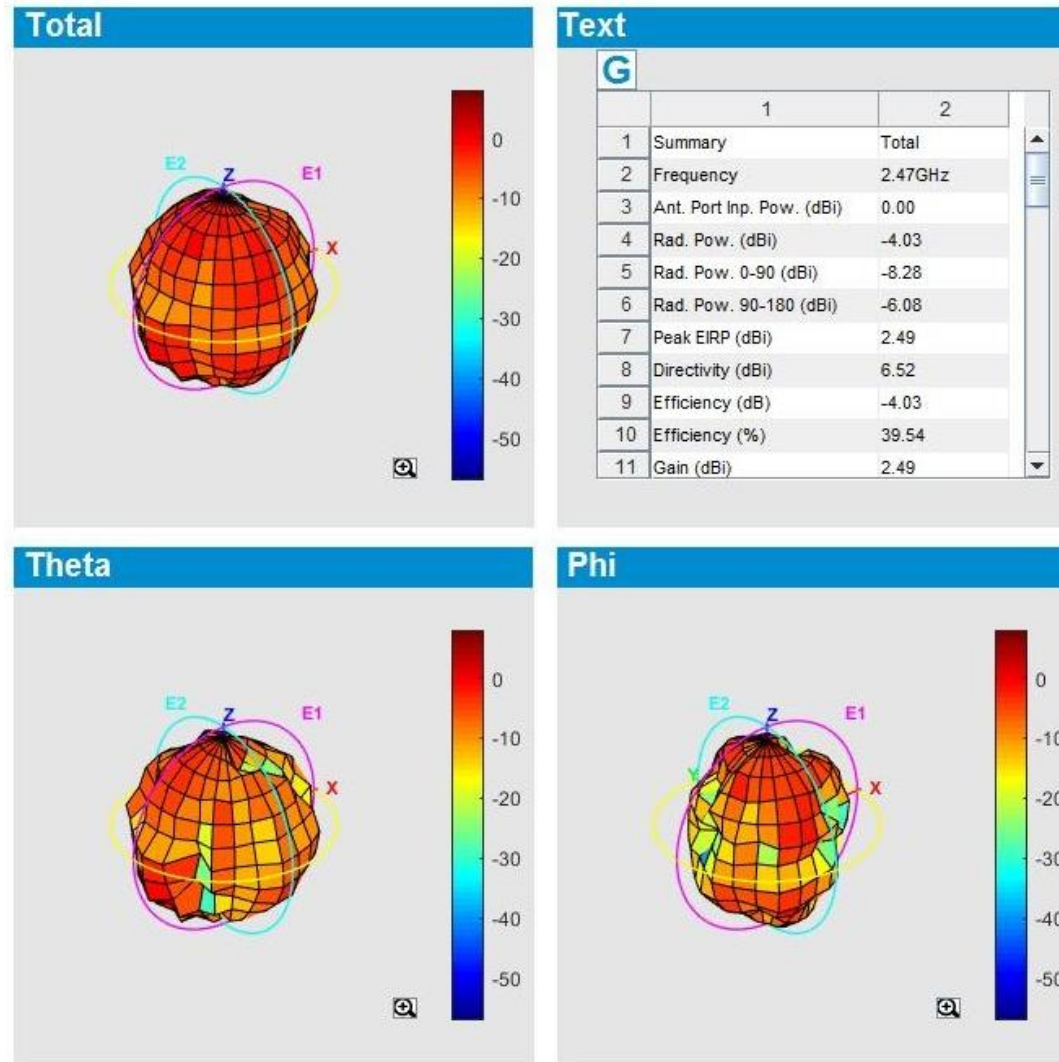
2.45GHz



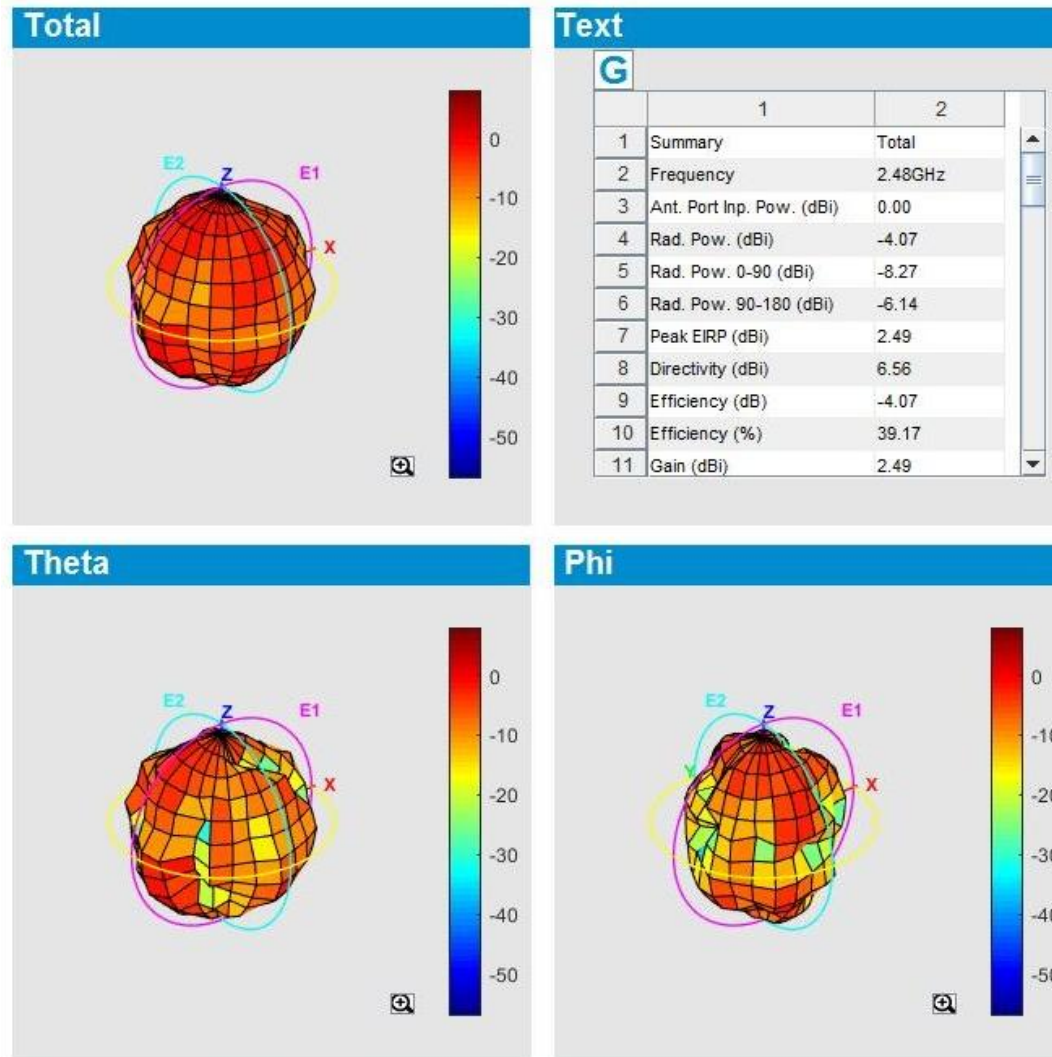
2.46GHz



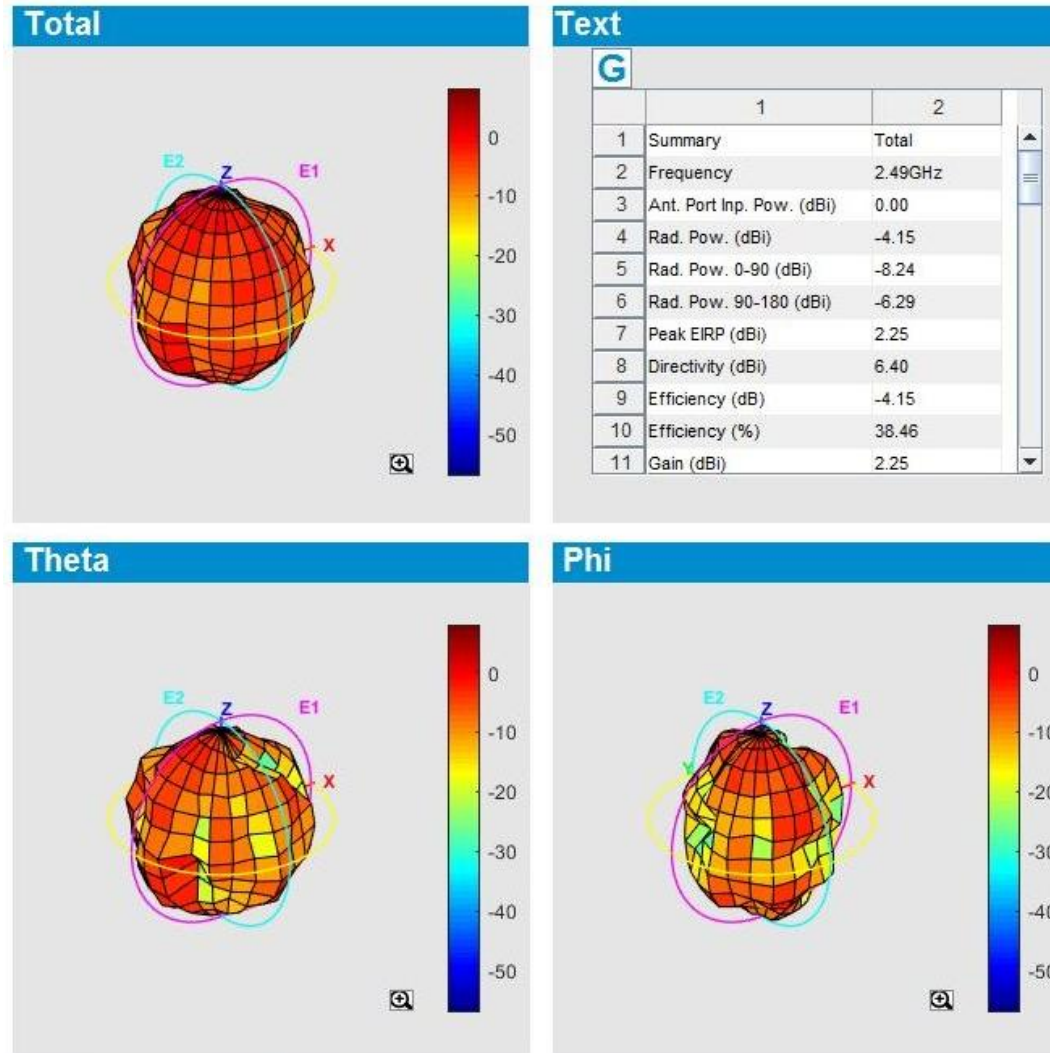
2.47GHz



2.48GHz



2.49GHz



2.50GHz

