



Report No.: SHATBL2209009

OTA TEST REPORT

Client Information:

Applicant.....: Bartec USA LLC.
Address add.....: 44231 Phoenix Drive, Sterling Heights, Michigan 48314, United States
Product Name.....: RITE-SENSOR Blue®
Model Name.....: RS-3000
Date of Test.....: 14 Sep. 2022
Date of Issue.....: 14 Sep. 2022

Report Prepared by :

qiyaozhao

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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.,

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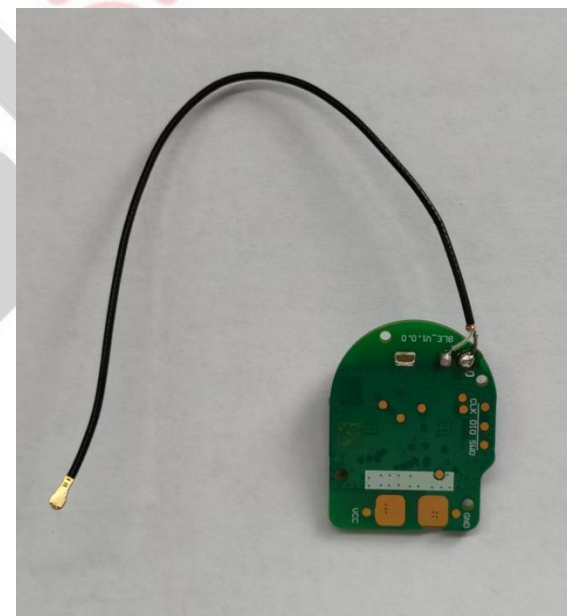
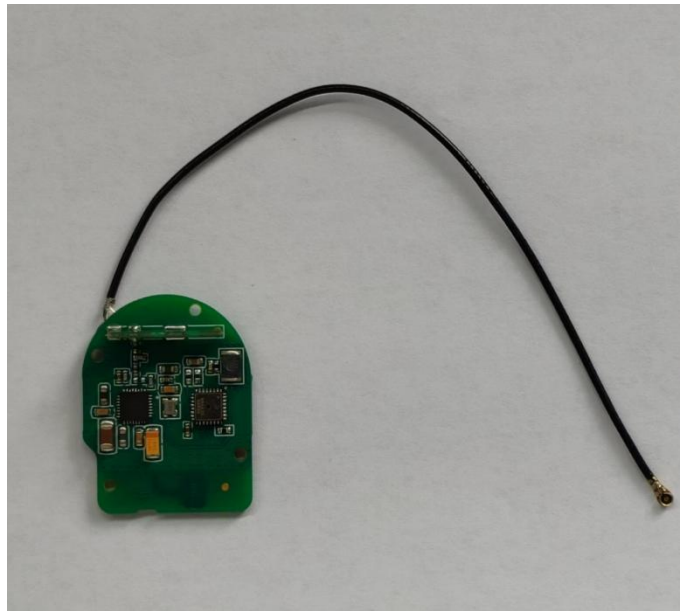
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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	15 Sep. 2022	SHATBL2209009	ALL	Initial Issue

1.Sample photo



2. Test layout



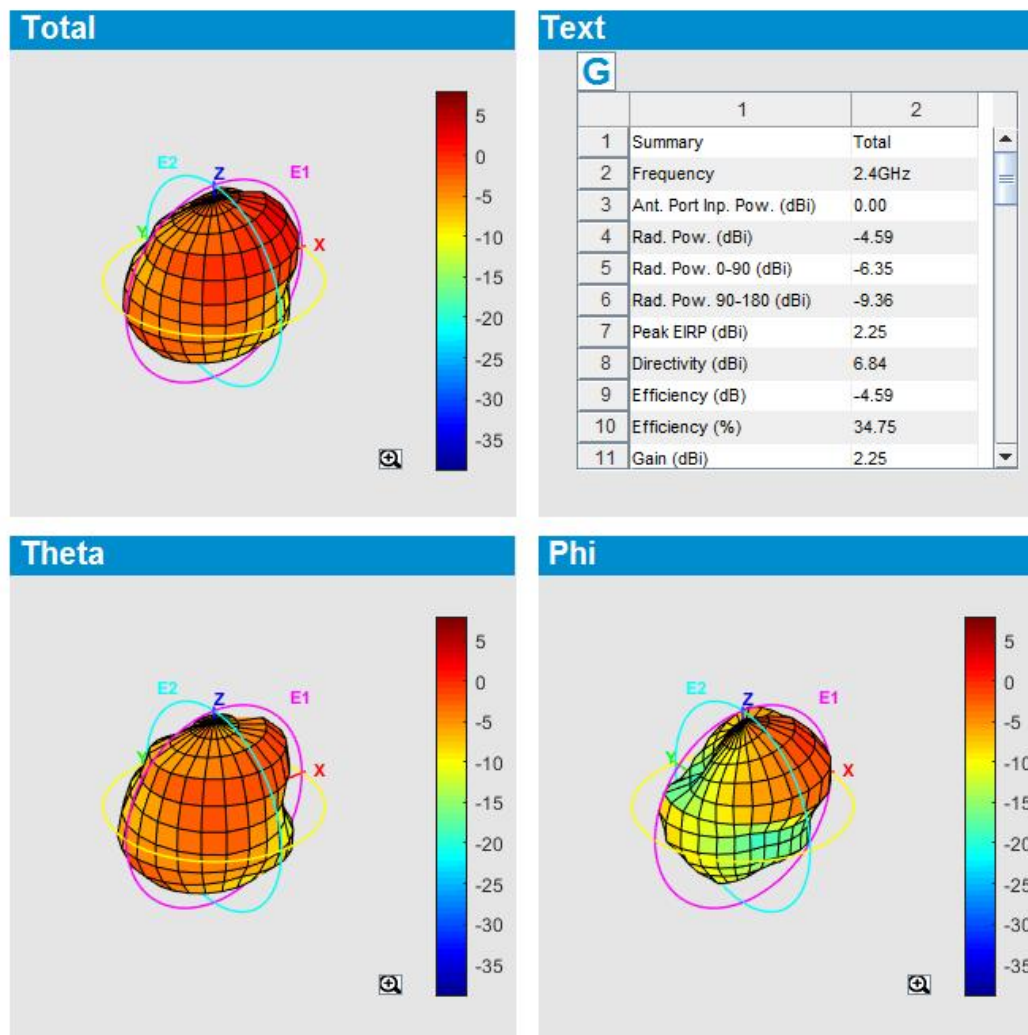
3. Results Summary

Overview

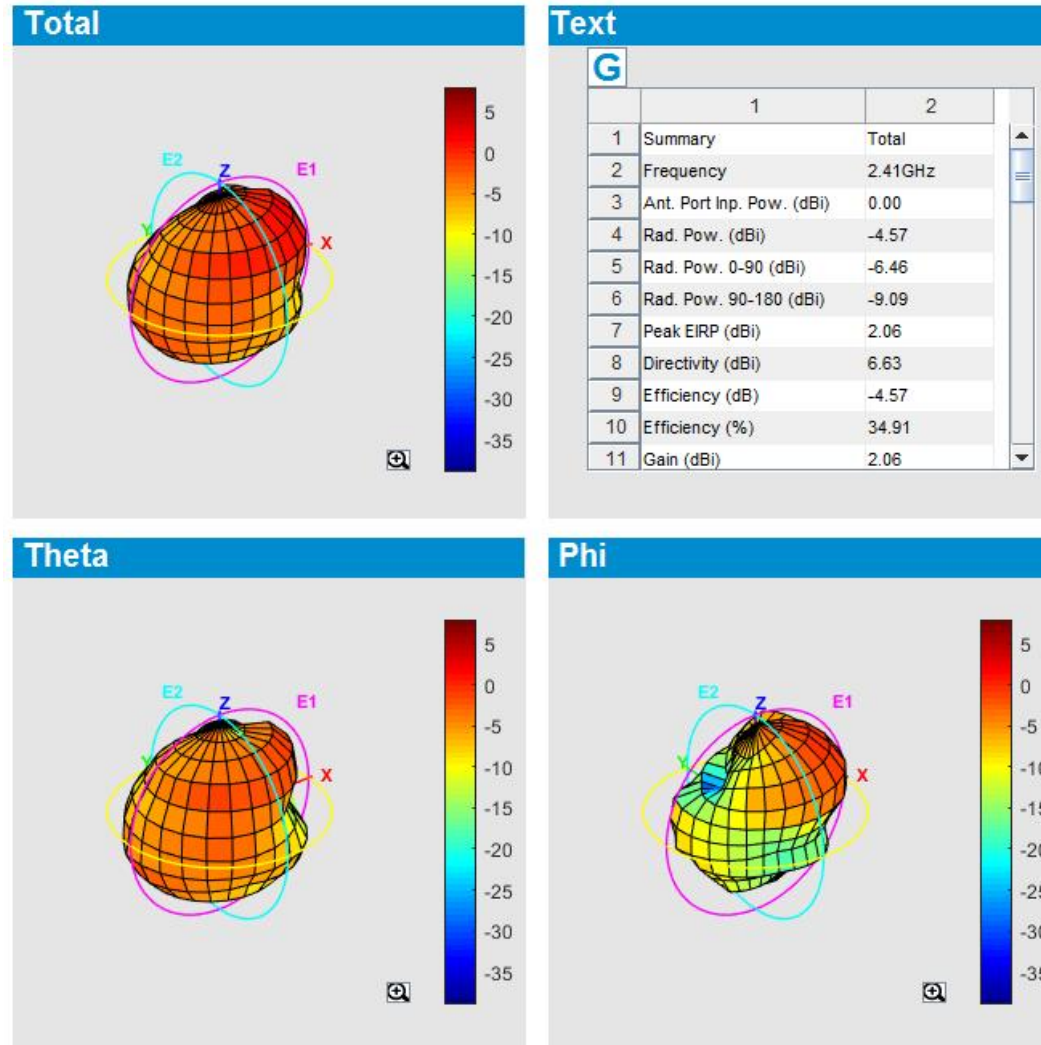
Test / Position	Free Space										
Communication System	Gain										
frequently	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Avg Gain	-4.6	-4.6	-4.3	-4.1	-4.1	-4.0	-4.0	-4.2	-4.1	-4.2	-4.4
Peak Gain	2.3	2.1	1.8	1.3	0.8	0.7	1.2	1.4	1.9	1.8	1.3
Directivity	6.8	6.6	6.0	5.4	4.8	4.7	5.2	5.6	6.0	6.0	5.7
Efficiency	-4.6	-4.6	-4.3	-4.1	-4.1	-4.0	-4.0	-4.2	-4.1	-4.2	-4.4
Efficiency (%)	34.8	34.9	37.5	38.6	39.4	40.2	39.7	37.8	38.7	38.1	36.6
Gain	2.3	2.1	1.8	1.3	0.8	0.7	1.2	1.4	1.9	1.8	1.3
Note											

4. Radiation Pattern/Efficiency

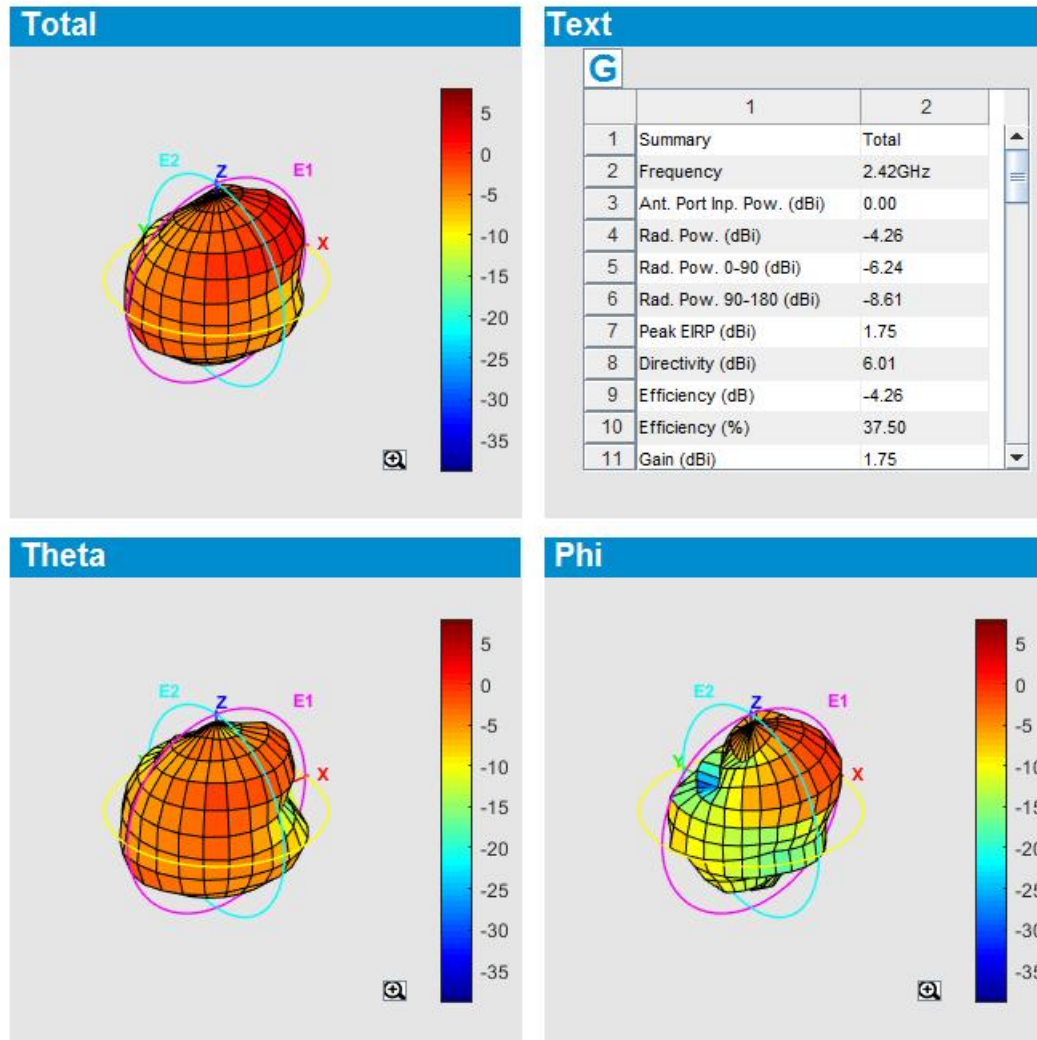
2.40GHz



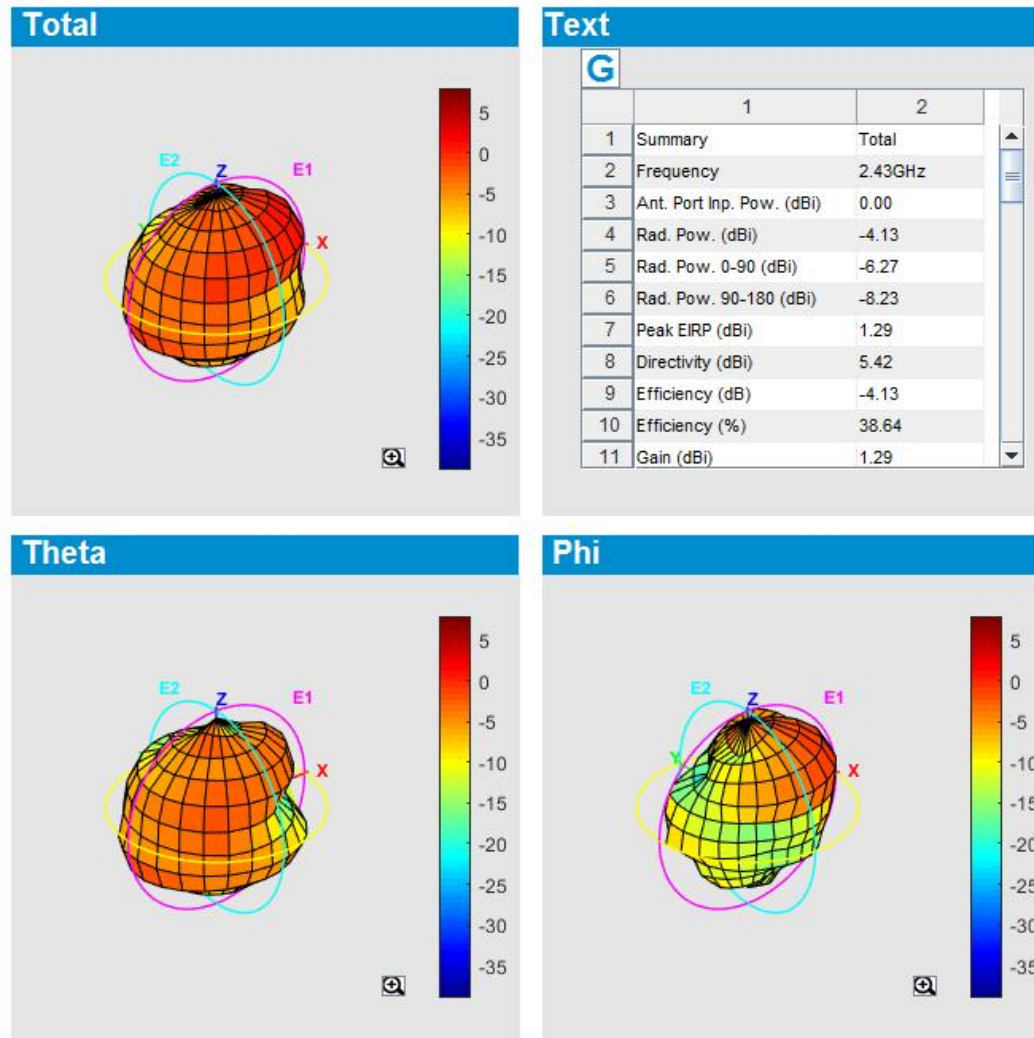
2.41GHz



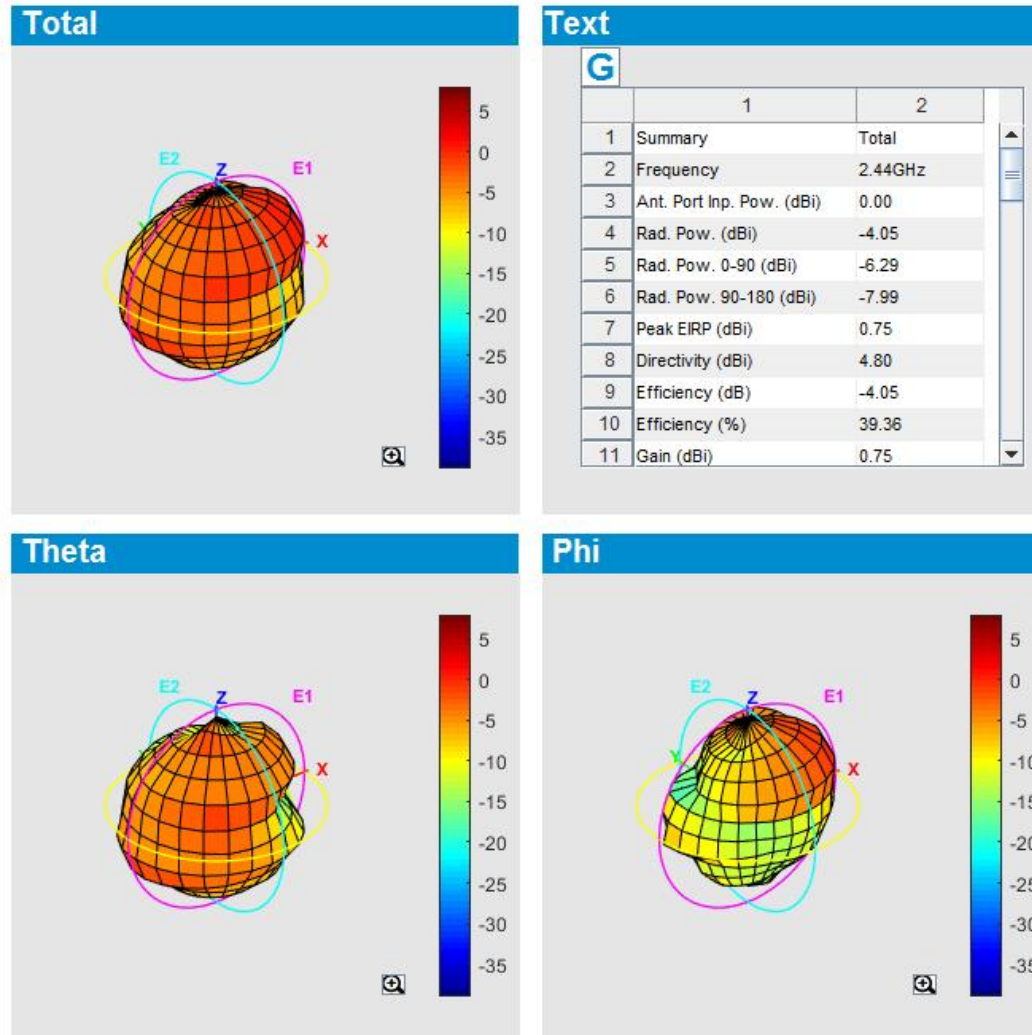
2.42GHz



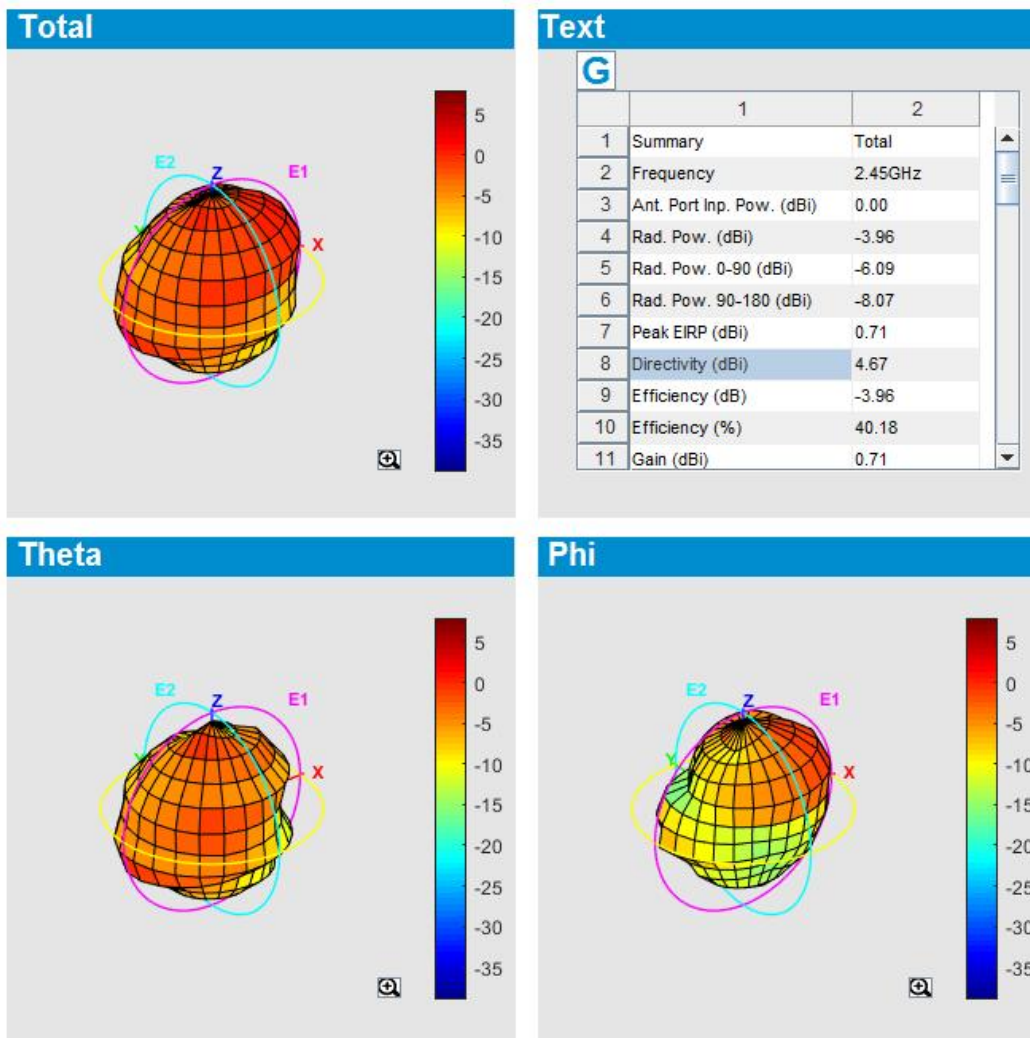
2.43GHz



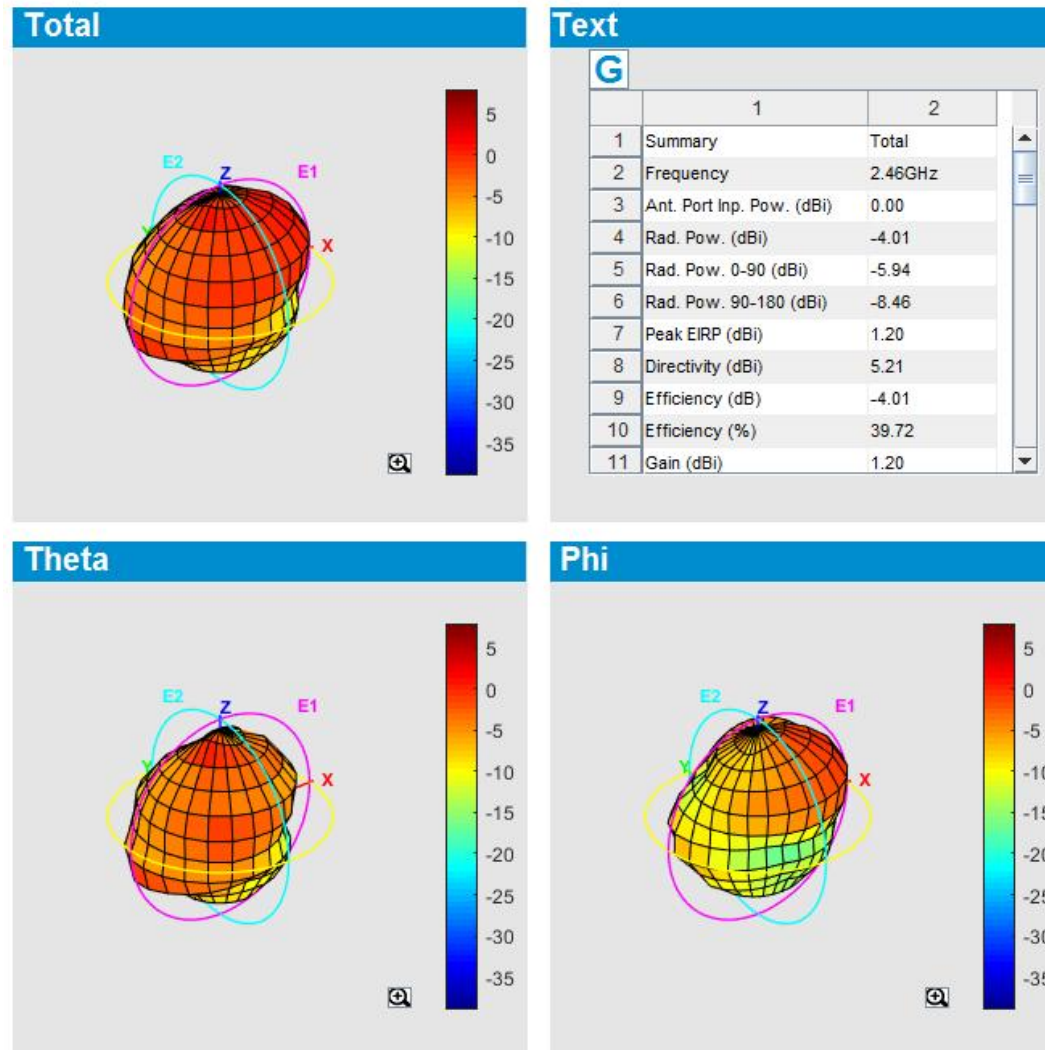
2.44GHz



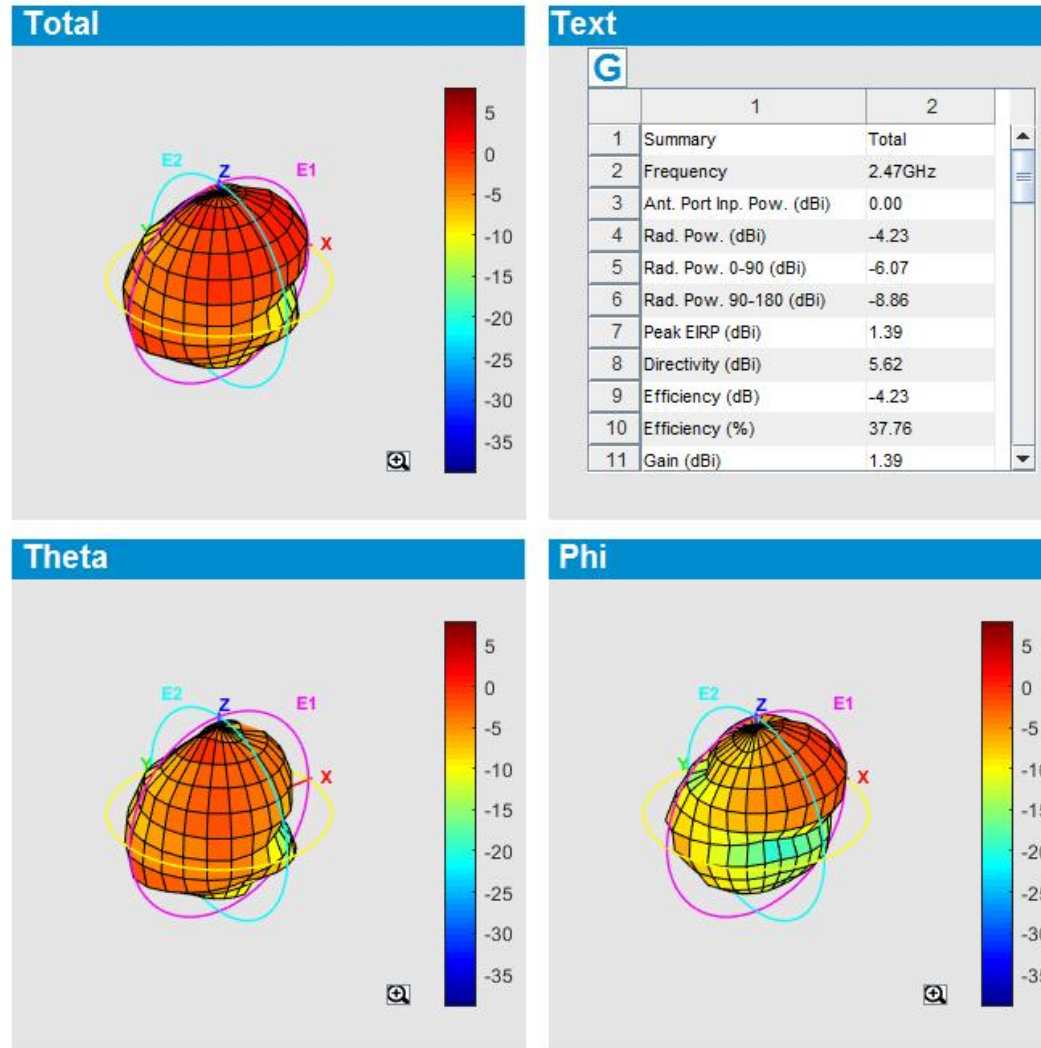
2.45GHz



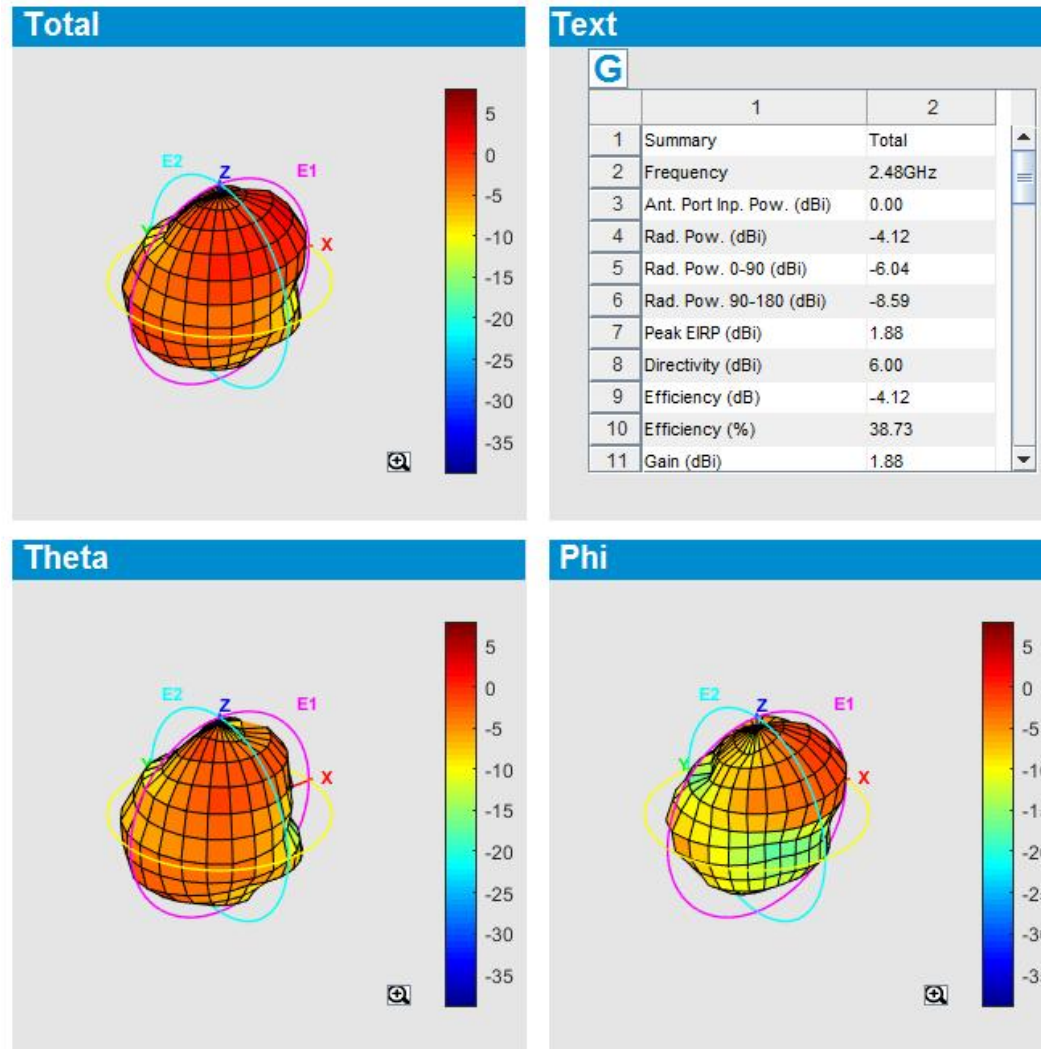
2.46GHz



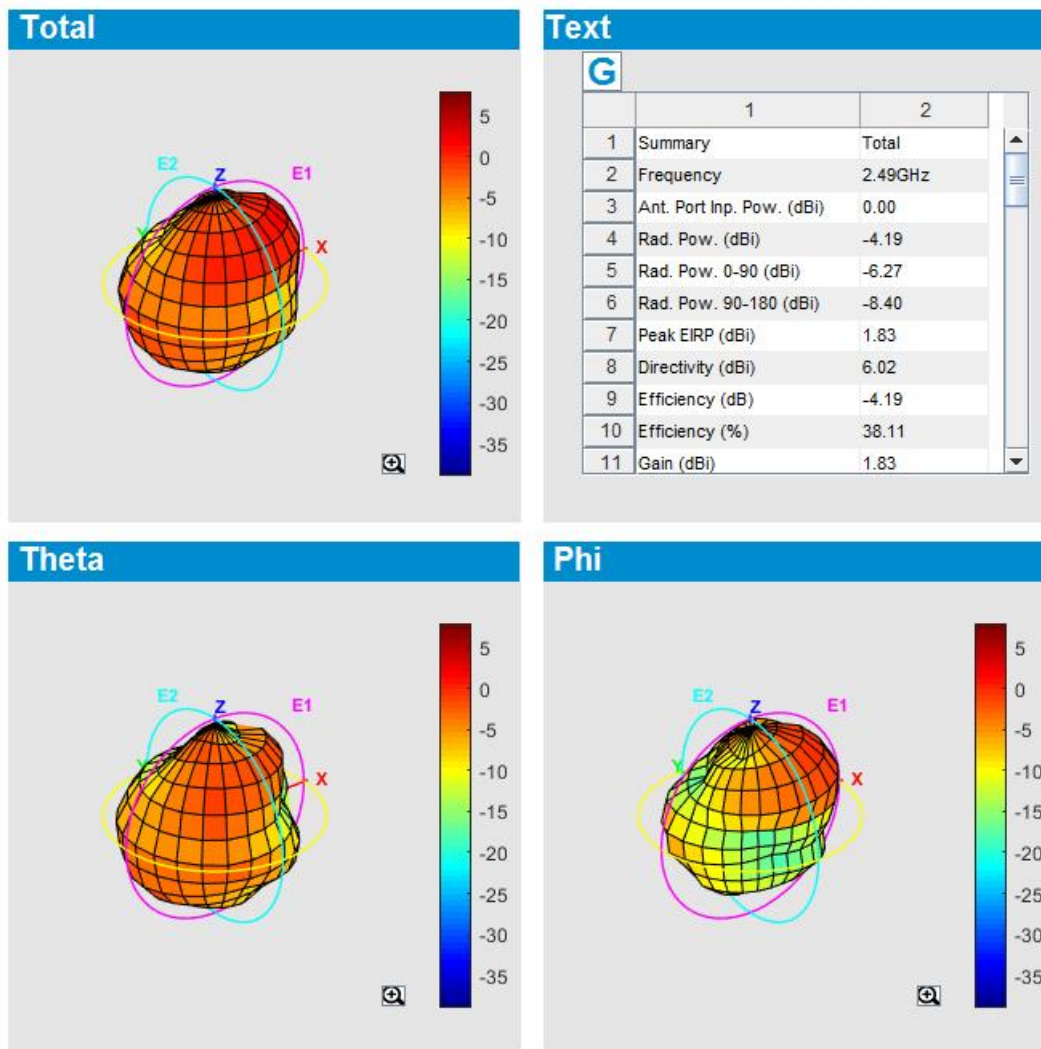
2.47GHz



2.48GHz



2.49GHz



2.50GHz

