

TEST REPORT

测试报告

Applicant: Guangzhou Shizhen information Technology Co., LTD

申请人：广州视臻信息科技有限公司

Address: Room 508, No. 192 Kezhu Road, Guangzhou Economic and Technological Development Zone

地址：广州市经济技术开发区科珠路192号508房

Equipment Type: PCB Antenna

设备类型：PCB天线

Model Name: WT12S

型号名称：WT12S

Brand Name: N/A

品牌名称：不适用

Test Standard: ANSI/IEEE Std 149-1979

试验标准：ANSI/IEEE Std 149-1979

Test Date: Jan. 25, 2024

测试日期：2024-01-25

Date of Issue: Jan. 30, 2024

签发日期：2024-01-30

ISSUED BY: Guangzhou Jingce testing Technology Co., LTD

发证单位：广州璟测检测技术有限公司

Tested by:

测试：黄秋城

Checked by:

审核：何祖平

Approved by:

批准：刘敏

Revision History/修订历史

Version/版本	Issue Date/签发日期	Revisions/修订
Rev. 01	Jan. 30, 2024/2024年01月30日	Initial Issue/首次发行

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1 GENERAL INFORMATION/总览

1.1 Test Laboratory/ 测试实验室

Name/名称	Guangzhou Jingce testing Technology Co., LTD/广州璟测检测技术有限公司
Address/地址	6 Liankun Road, Huangpu District, Guangzhou City, Guangdong Province/广东省广州市黄埔区连琨路6号

2 PRODUCT INFORMATION/产品信息

2.1 Applicant Information/申请人信息

Applicant/申请人	Guangzhou Shizhen information Technology Co., LTD/广州视臻信息科技有限公司
Address/地址	508, No. 192 Kezhu Road, Guangzhou Economic and Technological Development Zone/广州市经济技术开发区科珠路192号508房
Contact Person/联系人	Xiongiong Yan 鄢雄雄
Tel. No./电话	18923401559

2.2 Manufacturer Information/制造商信息

Manufacturer/制造商	N/A
Address/地址	N/A

2.3 General Description for Equipment under Test (EUT)/被测设备的通用说明（EUT）

EUT Name/被测物名称	Screen transmitter/传屏器
Model /型号	WT12S
Antenna Type/天线类型	PCB Antenna/PCB天线

2.4 Technical Information/技术信息

Frequency Range/频段	5150MHz ~ 5850MHz
Test frequency/测试频率	5150MHz, 5200MHz, 5250MHz, 5300MHz, 5350MHz, 5400MHz, 5450MHz, 5500MHz, 5550MHz, 5600MHz, 5650MHz, 5700MHz, 5750MHz, 5800MHz, 5850MHz

3 SUMMARY OF TEST RESULTS/测试结果汇总表

3.1 Test Standards/实验标准

Reference standard/引用标准	ANSI/IEEE Std 149-1979
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3.2 Test Verdict/试验结果

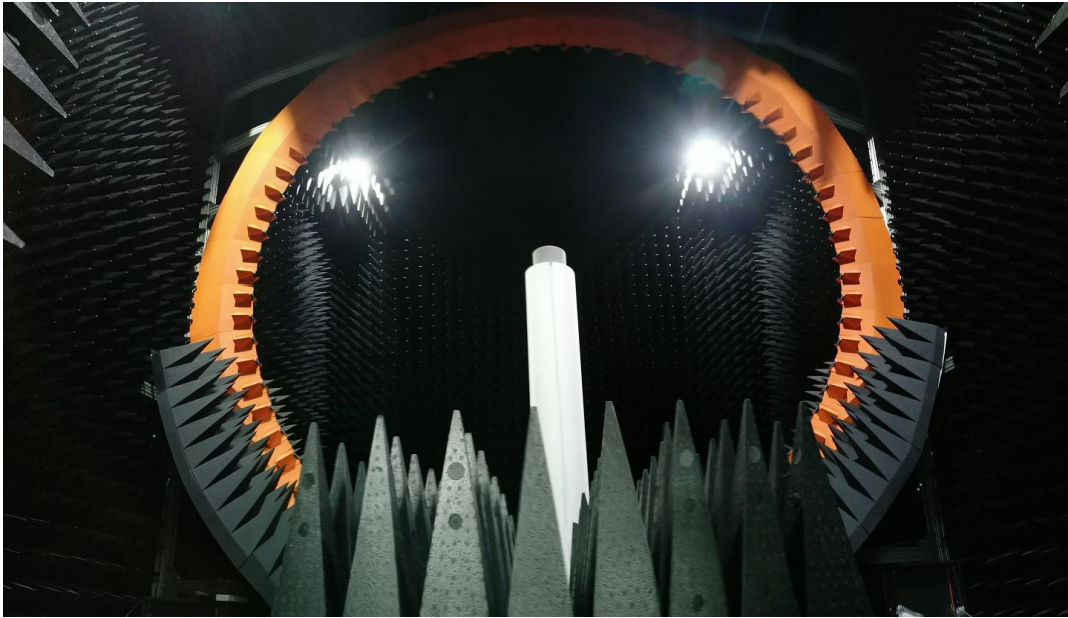
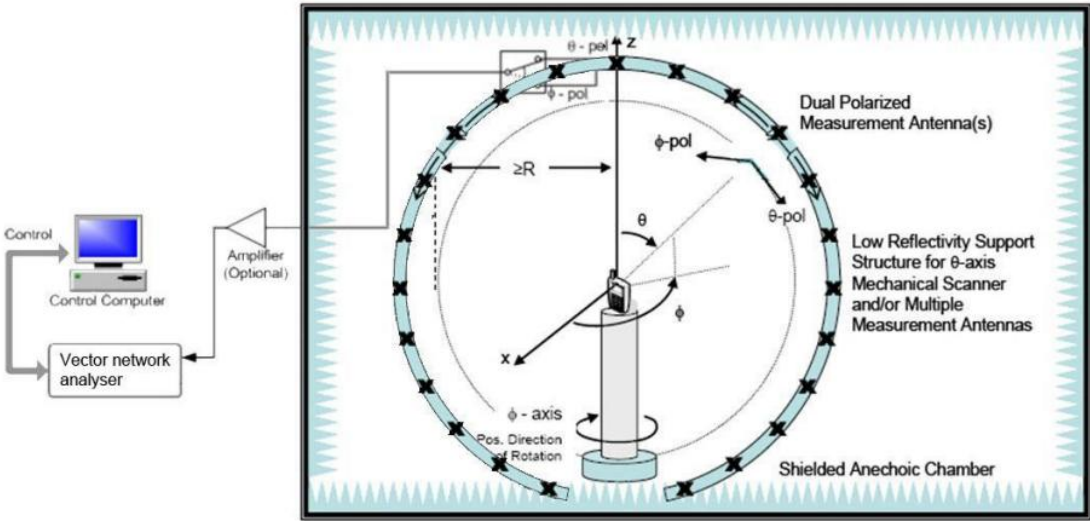
Report Section/报告章节	Description/描述	Remark/备注
ANNEX A.1	Gain and Efficiency	--
ANNEX A.2	VSWR	--
ANNEX A.3	Return Loss	--
ANNEX B	RADIATION PATTERN	--

4 GENERAL TEST CONFIGURATIONS/一般测试配置

4.1 Test Equipment List/试验仪器清单

Description/描述	Manufacturer /制造商	Model /型号	Serial No. /编号	Cal. Date /校准日期	Cal. Due /到期日期
Multi-probe Measurement System /多探头测量系统	MVG	SG64	YQ00005534	2023-12-04	2026-12-03
Network Analyzer /网络分析仪	PROSUND	SP809A	YQ00200750	2023-04-23	2024-04-22

4.2 Test Setup/测试设置



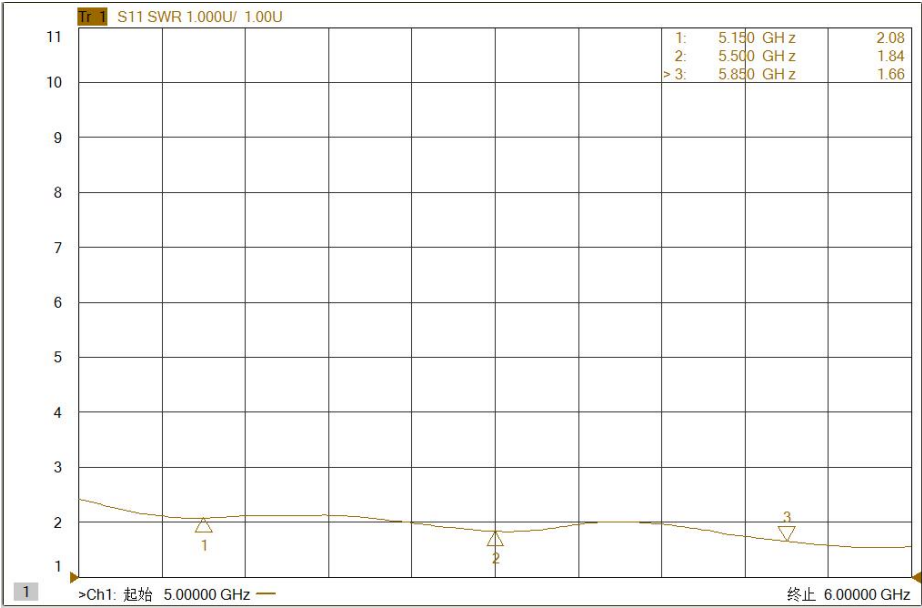
ANNEX A TEST RESULTS/附件A 测试结果

A.1 Gain and Efficiency/增益和效率

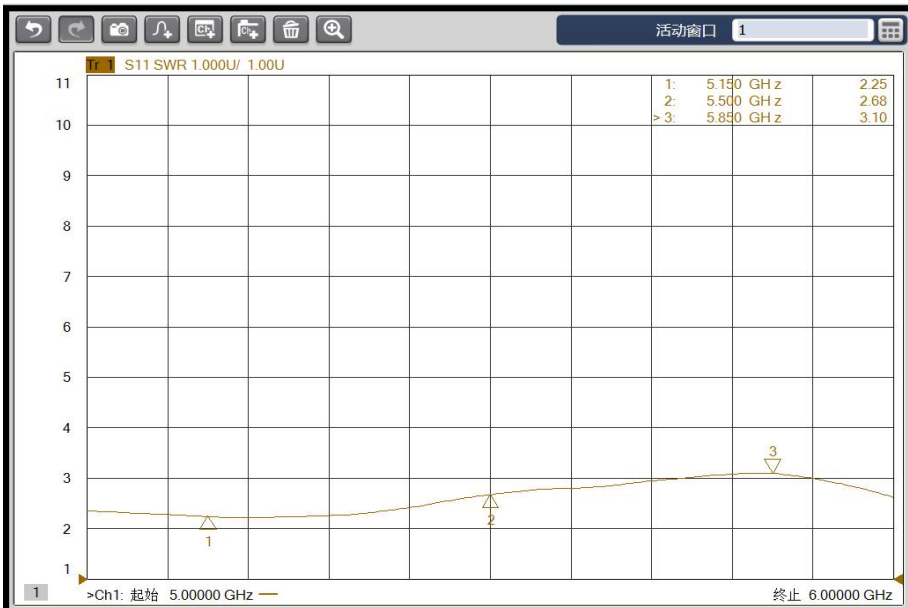
Antenna	Frequency(MHz) 频率	Gain(dBi) 增益	Efficiency(%) 效率
Ant1	5150	4.98	44.67
Ant1	5200	4.73	44.67
Ant1	5250	4.23	42.27
Ant1	5300	4.95	46.24
Ant1	5350	5.27	48.08
Ant1	5400	5.66	49.77
Ant1	5450	6.23	52.60
Ant1	5500	6.30	51.64
Ant1	5550	6.19	47.97
Ant1	5600	6.36	47.42
Ant1	5650	6.16	45.81
Ant1	5700	6.66	50.70
Ant1	5750	6.67	52.84
Ant1	5800	6.80	54.82
Ant1	5850	7.00	56.89
Ant2	5150	2.89	31.26
Ant2	5200	3.01	31.05
Ant2	5250	2.84	29.99
Ant2	5300	3.23	33.34
Ant2	5350	3.49	34.20
Ant2	5400	3.87	32.58
Ant2	5450	4.26	31.92
Ant2	5500	3.75	28.38
Ant2	5550	3.74	27.42
Ant2	5600	4.36	28.58
Ant2	5650	4.41	28.51
Ant2	5700	4.53	30.90
Ant2	5750	5.24	31.41
Ant2	5800	5.22	29.79
Ant2	5850	5.42	30.06

A.2 VSWR/电压驻波比

ANT1 天线1

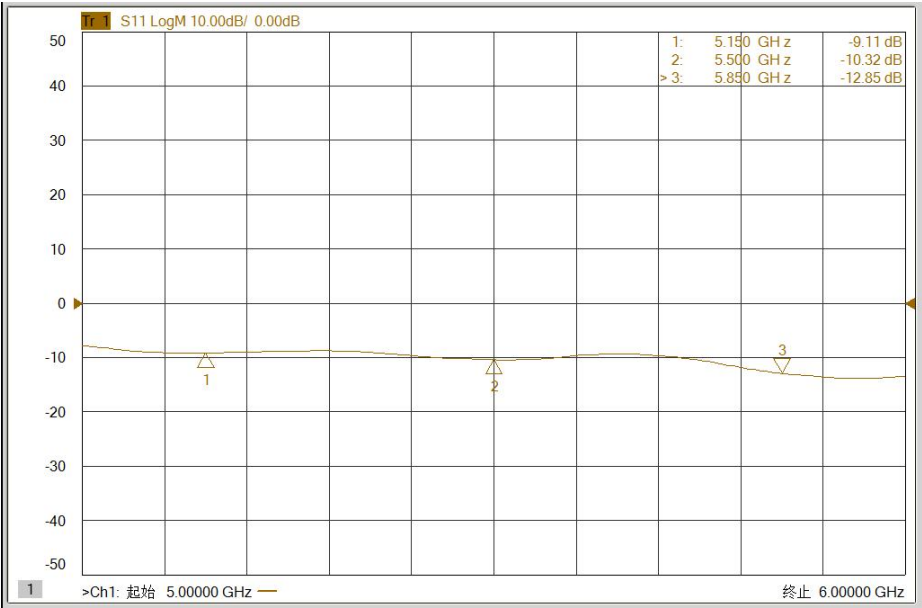


ANT2 天线2

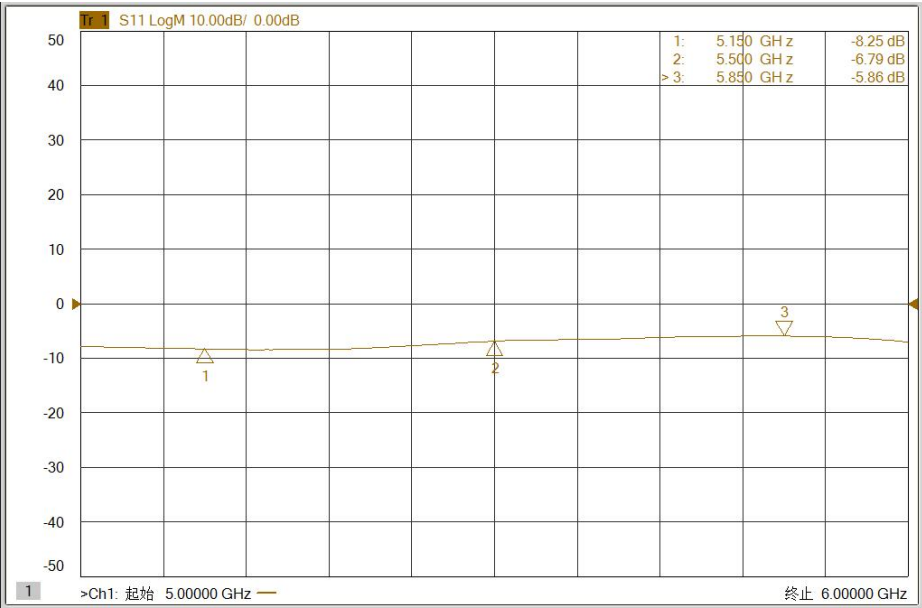


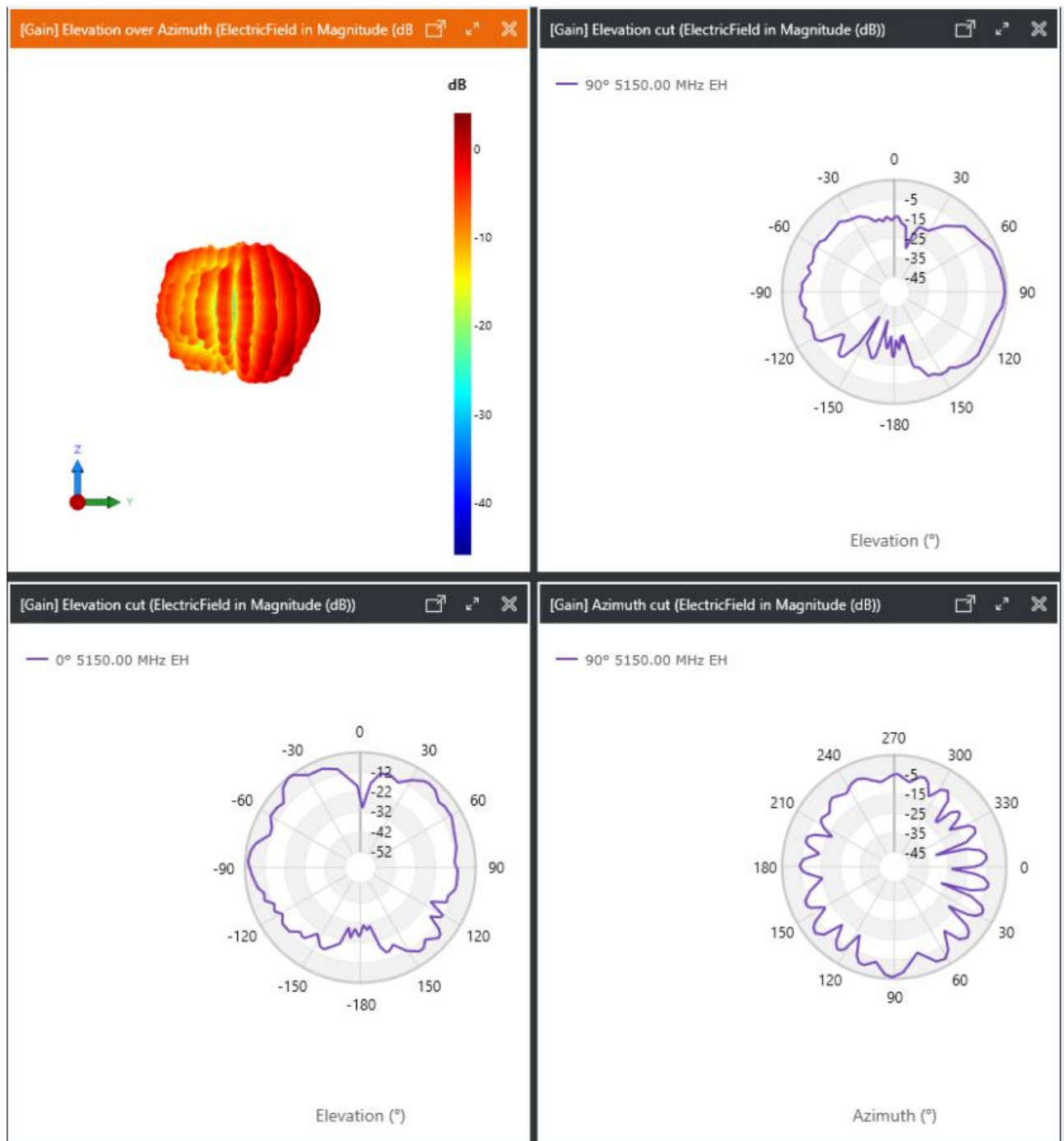
A.3 Return Loss/回波损耗

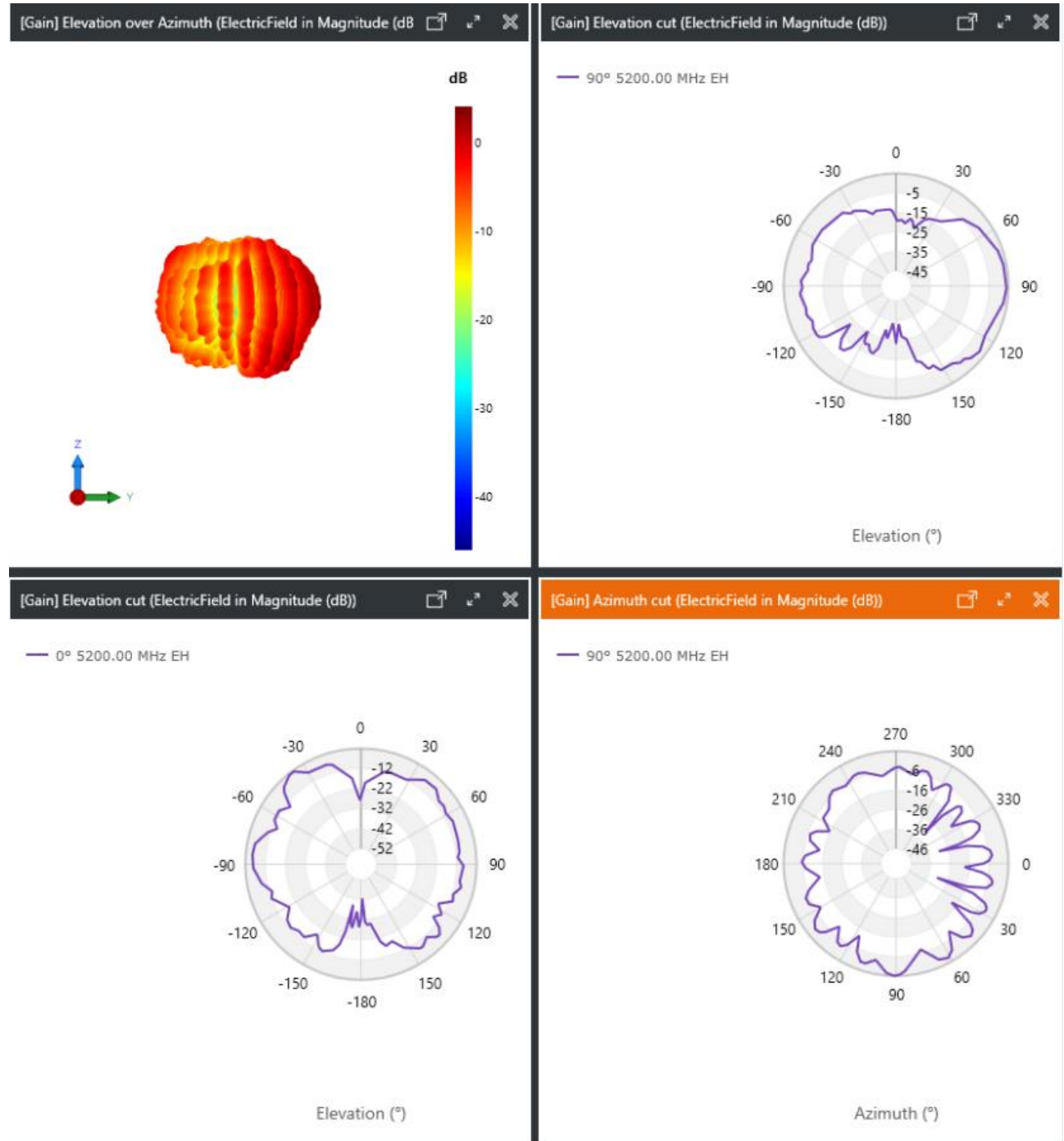
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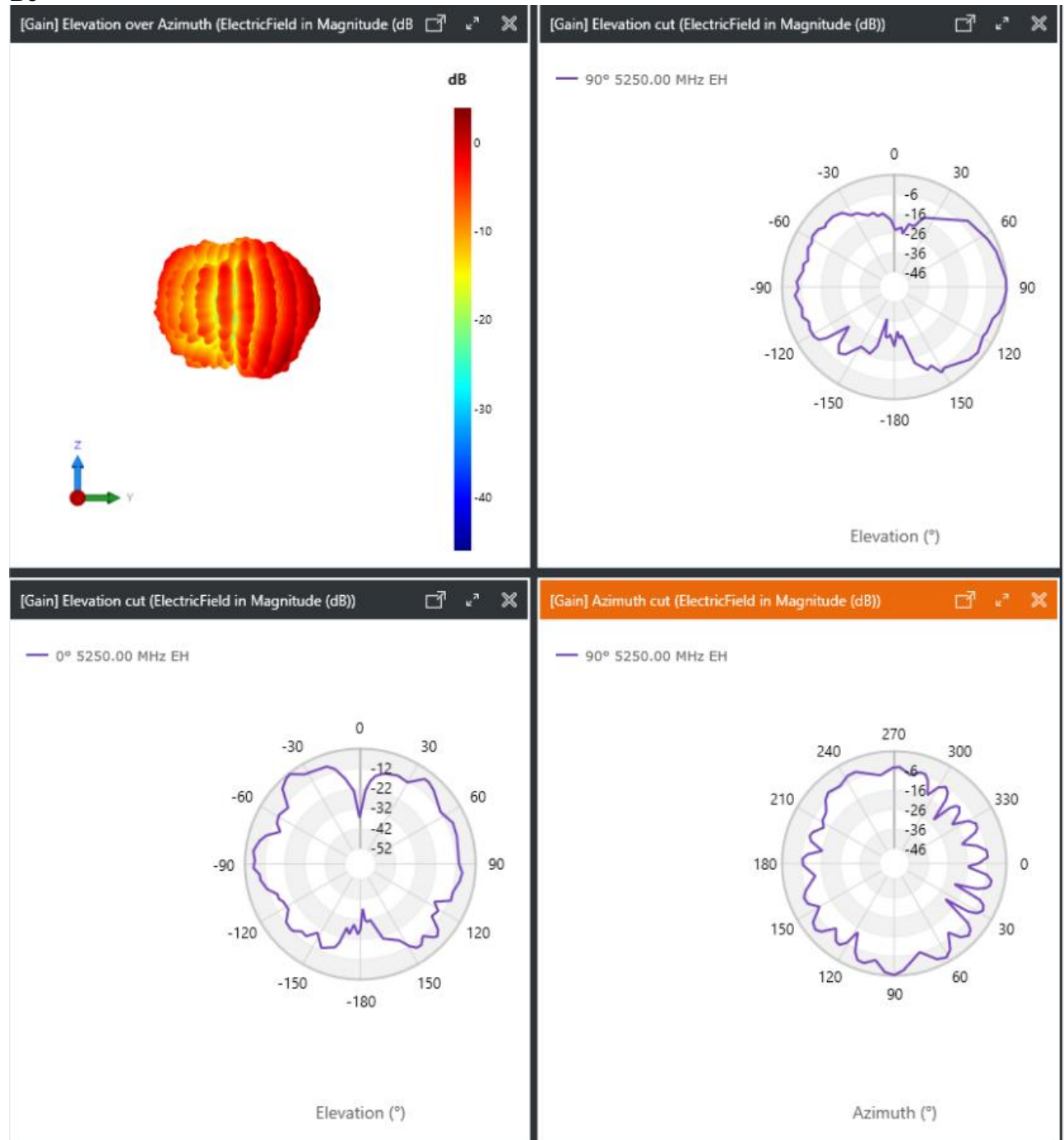


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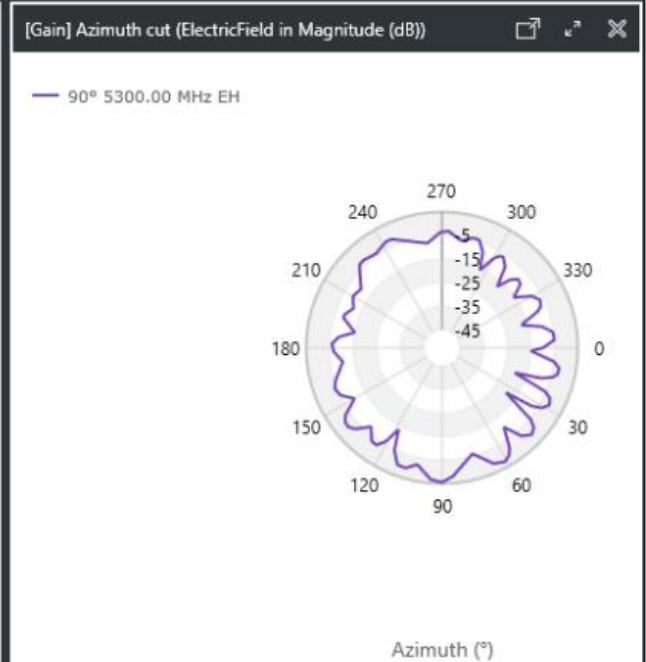
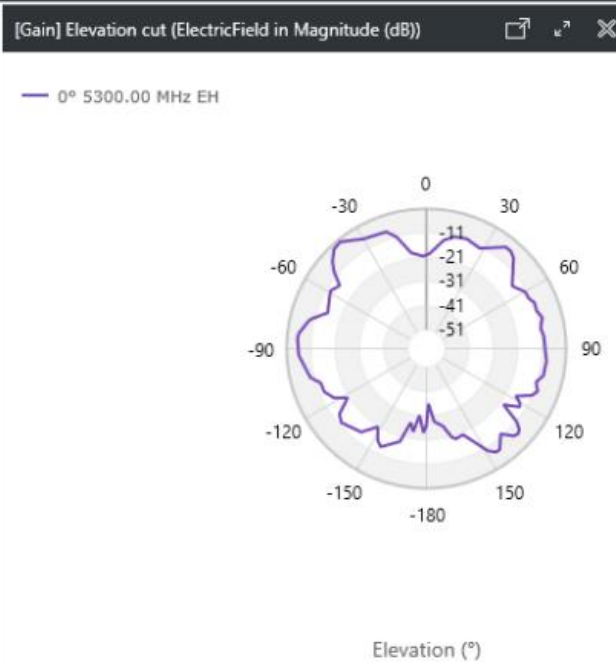
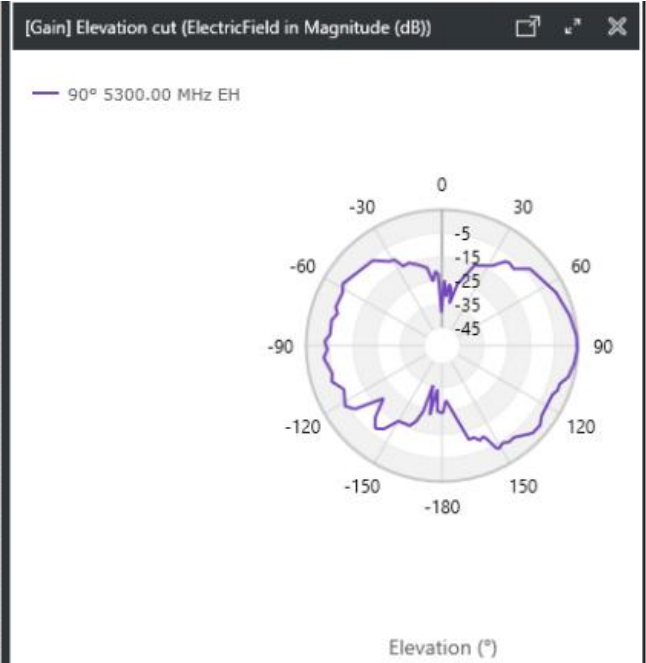
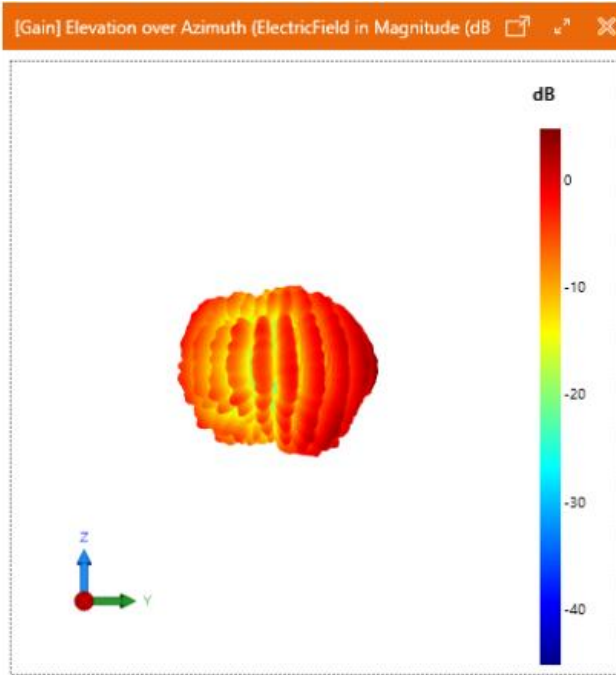


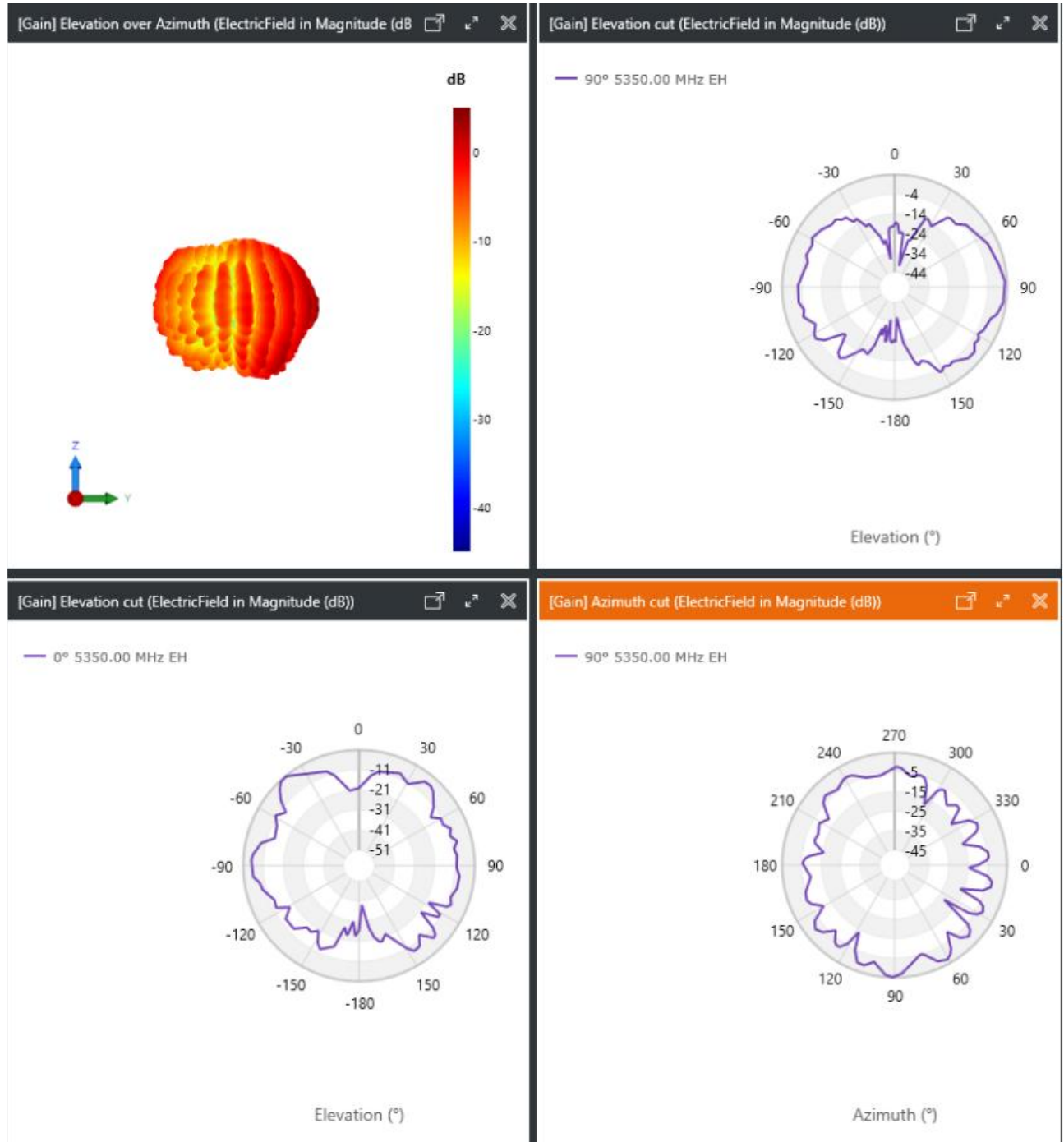
ANNEX B RADIATION PATTERN 附录B 辐射模式**ANT1/天线1****B1**

B2

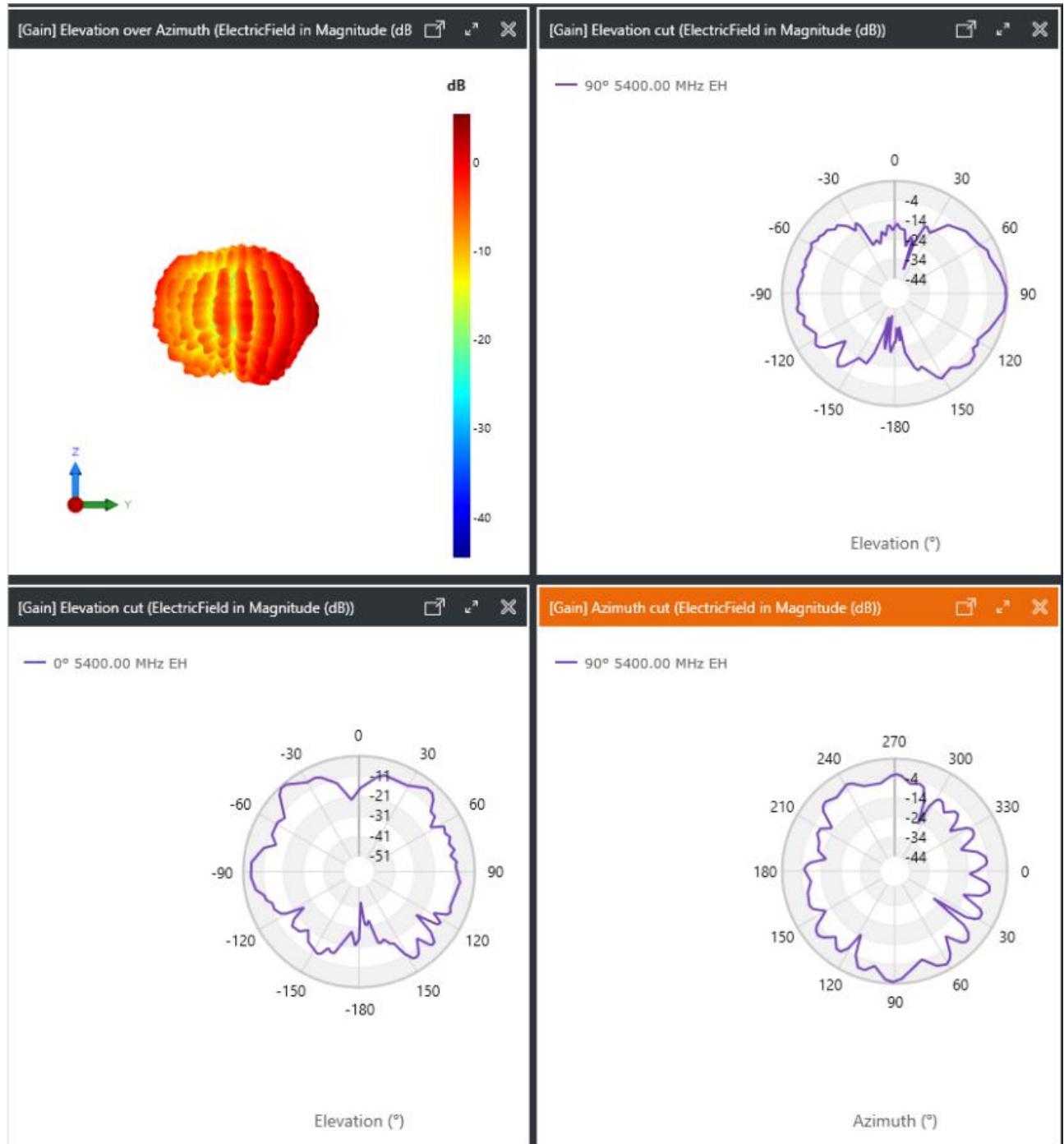
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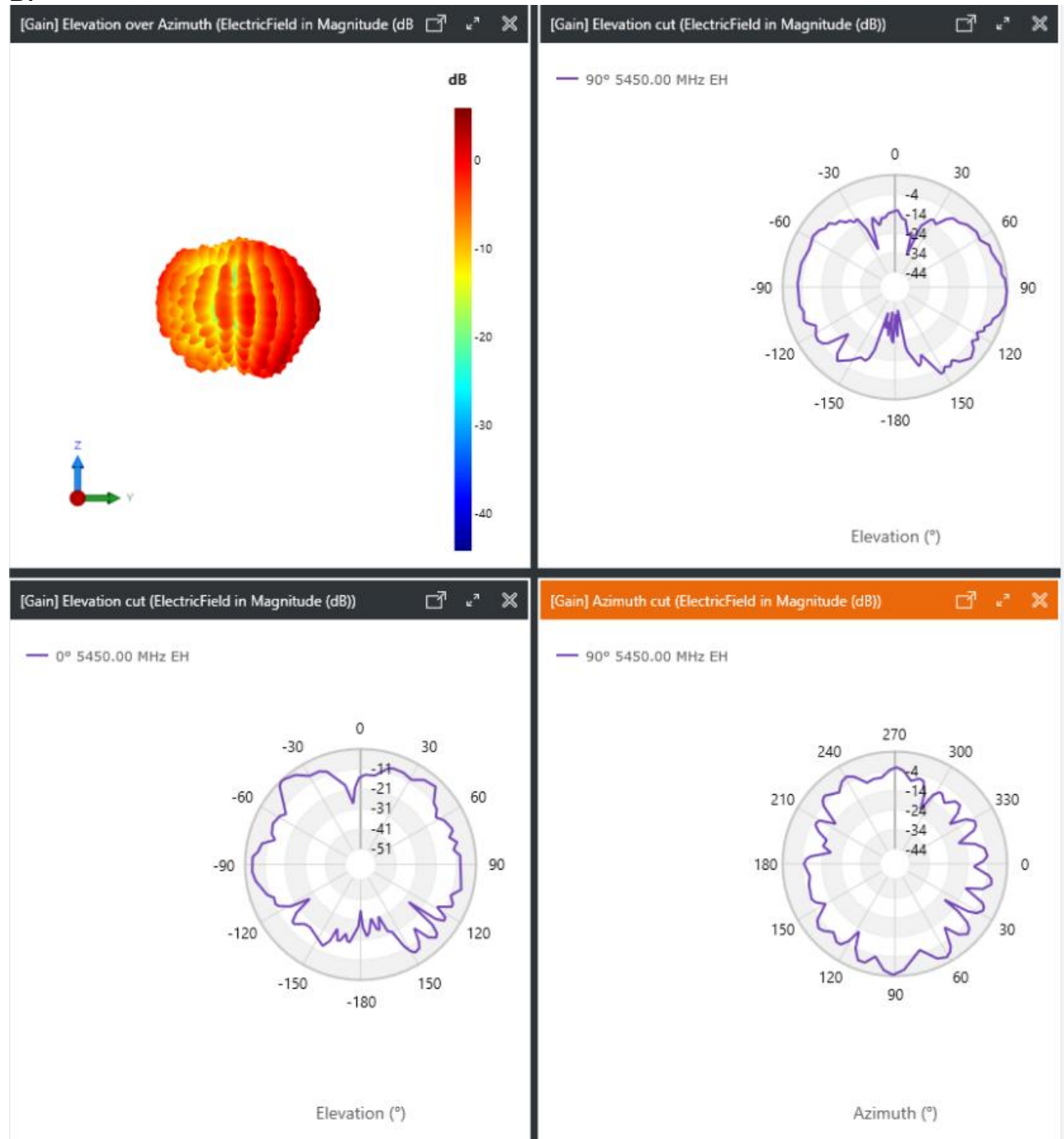
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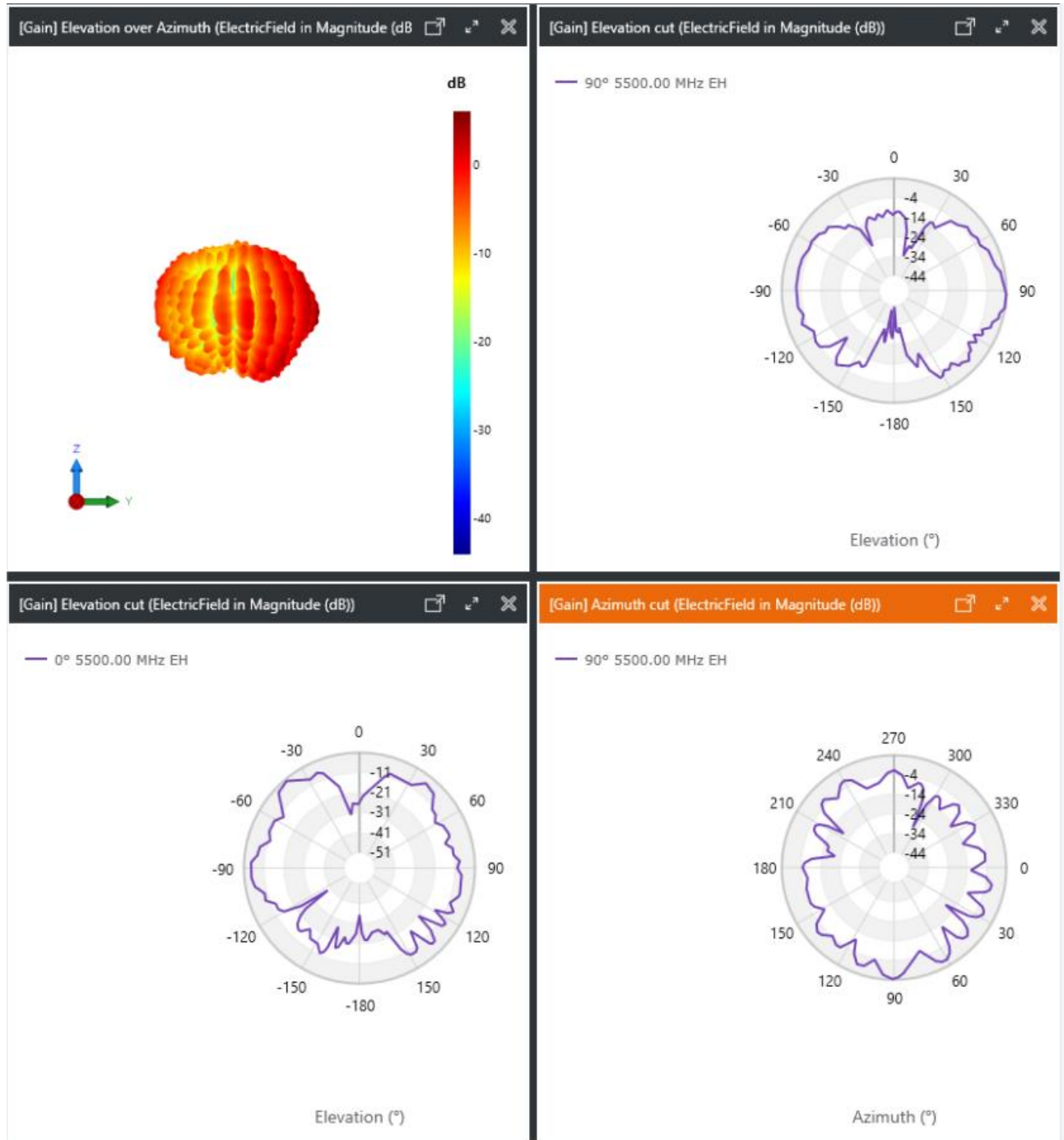
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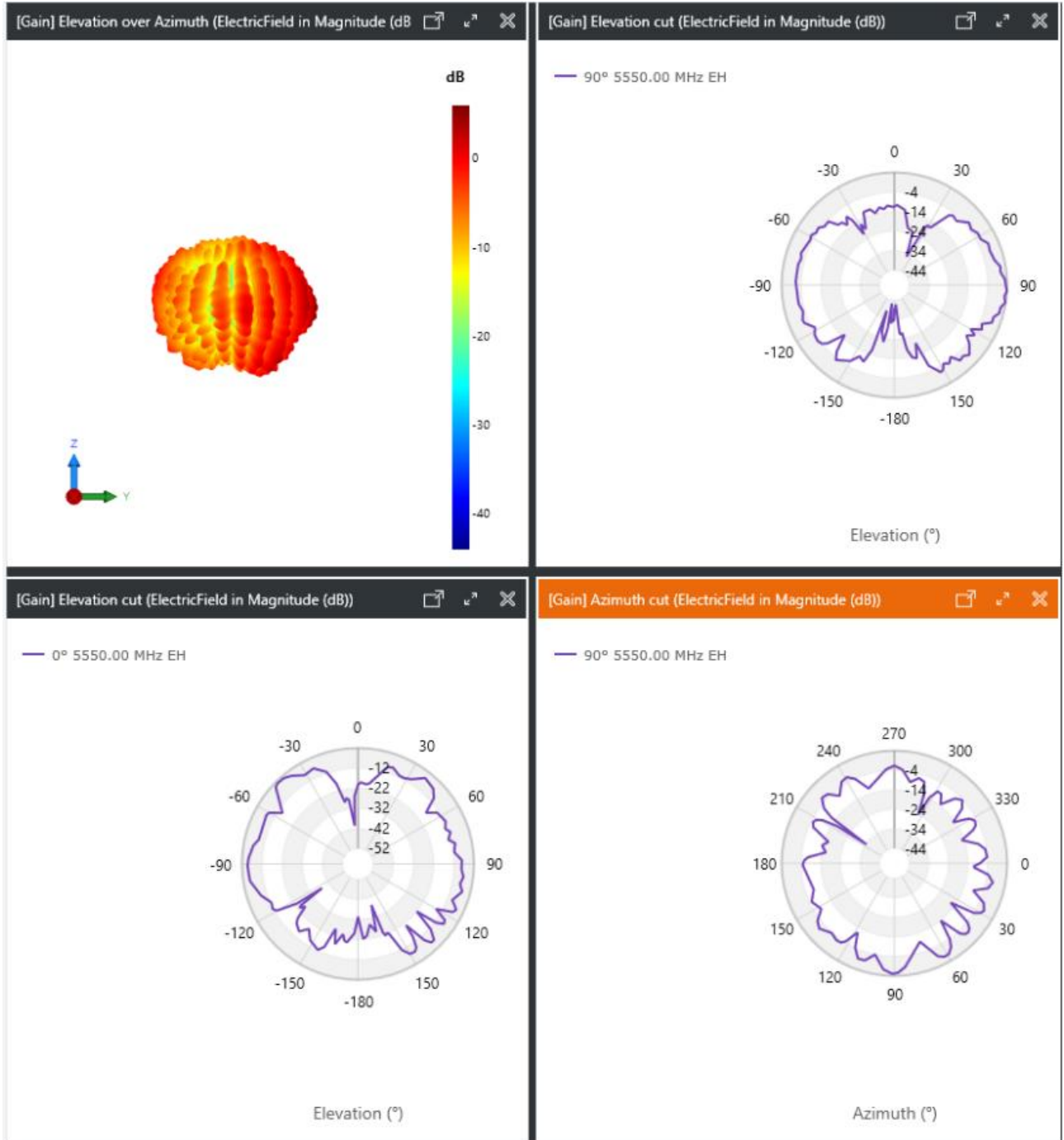
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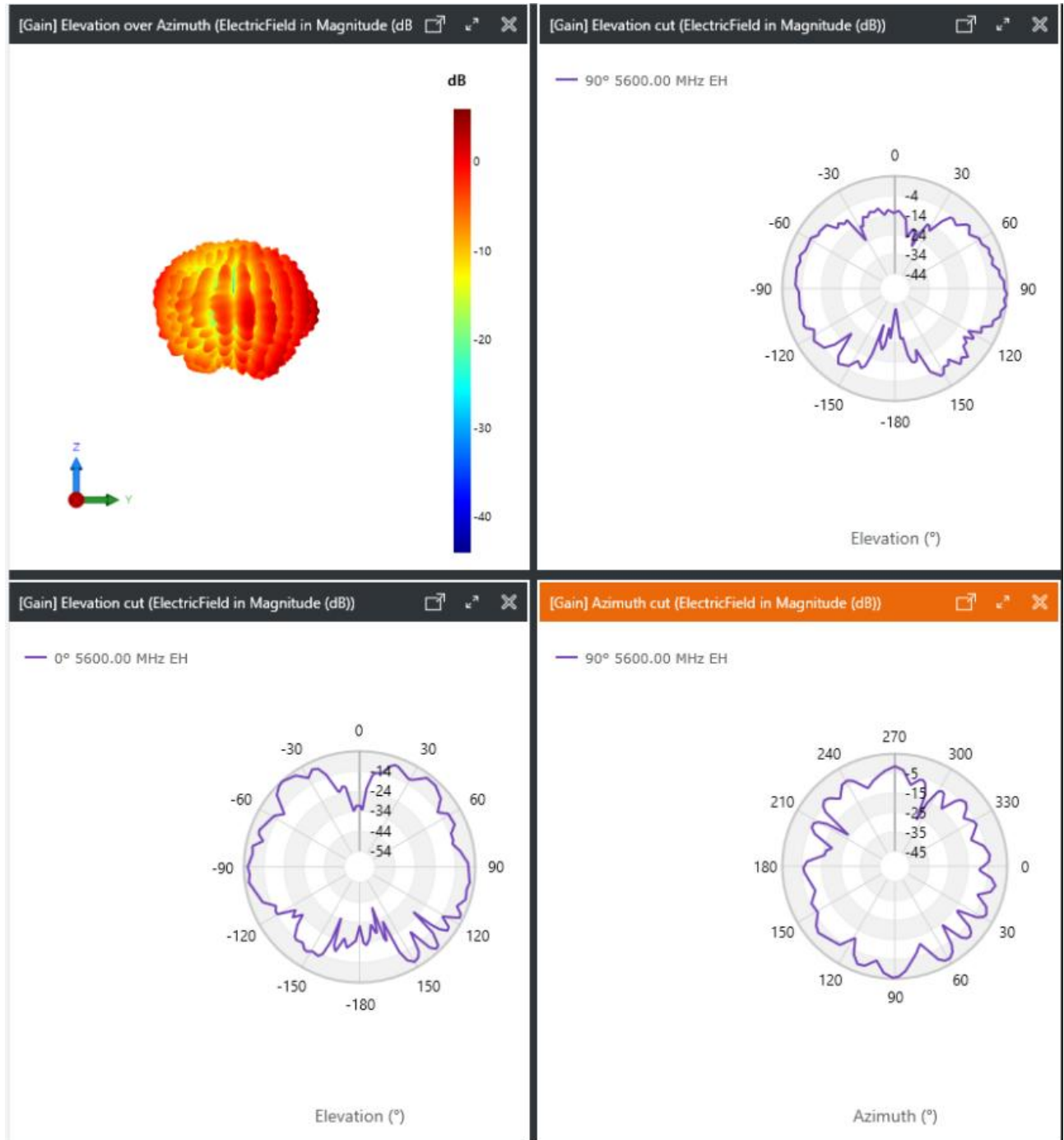


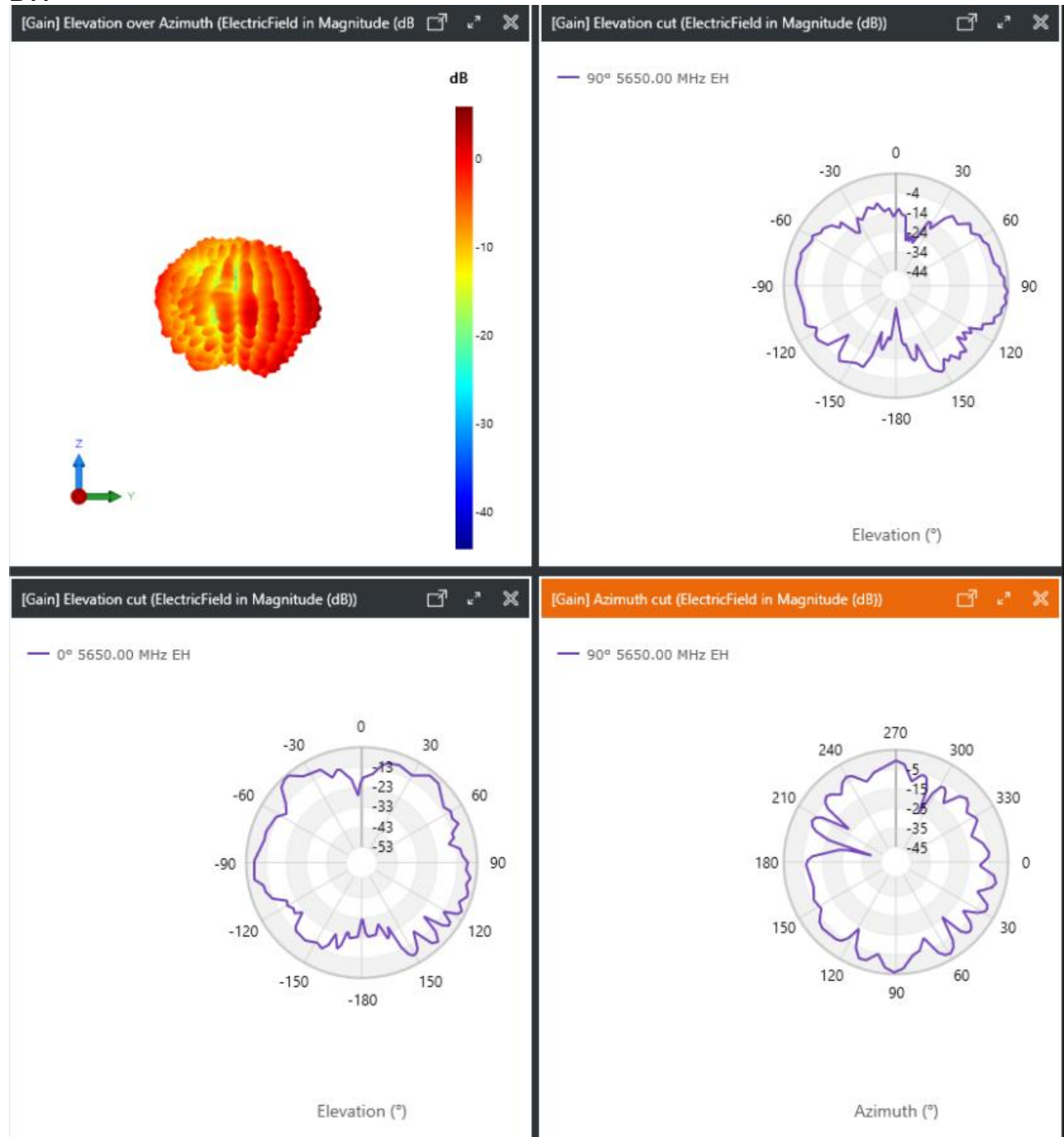
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B8

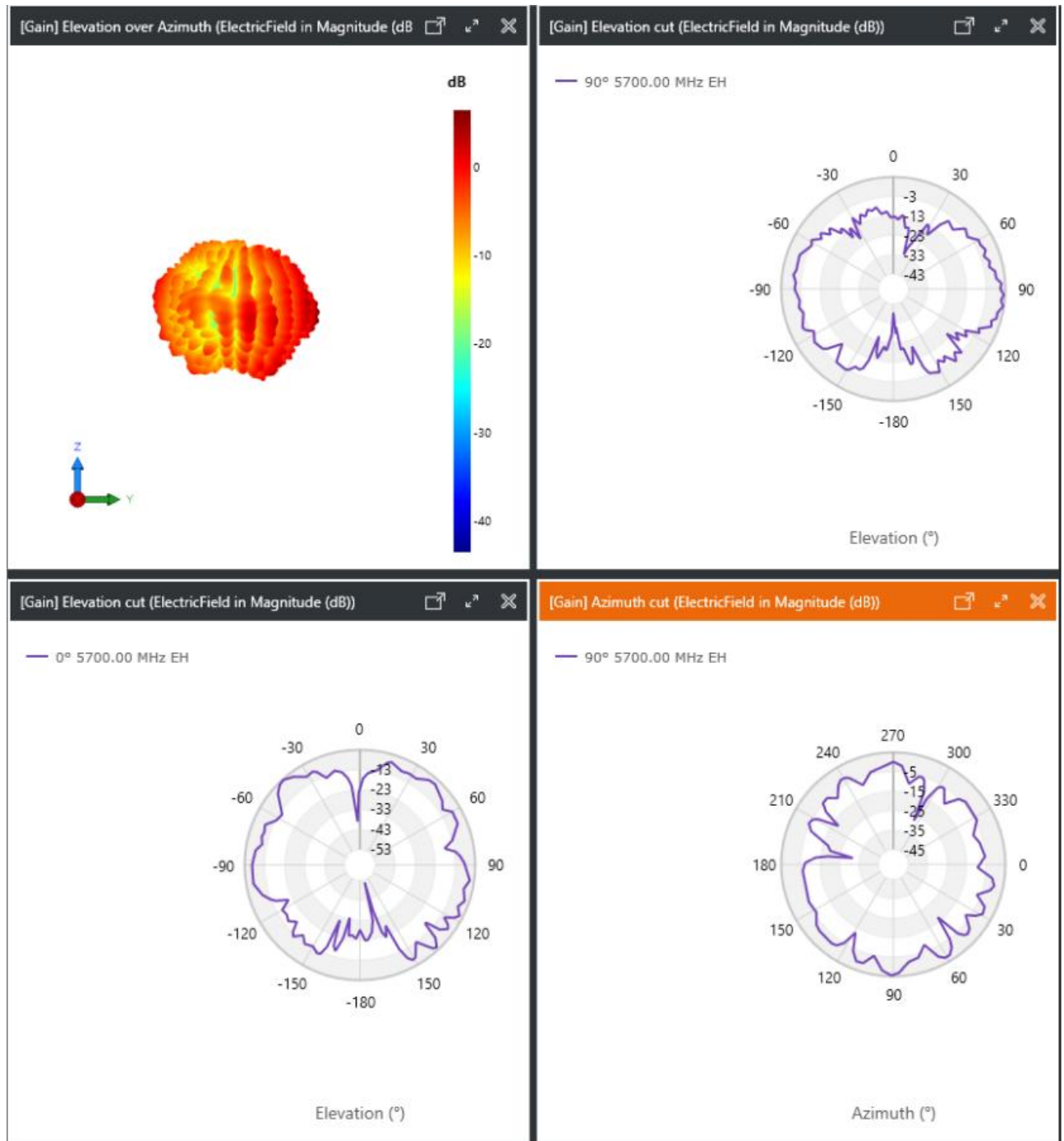


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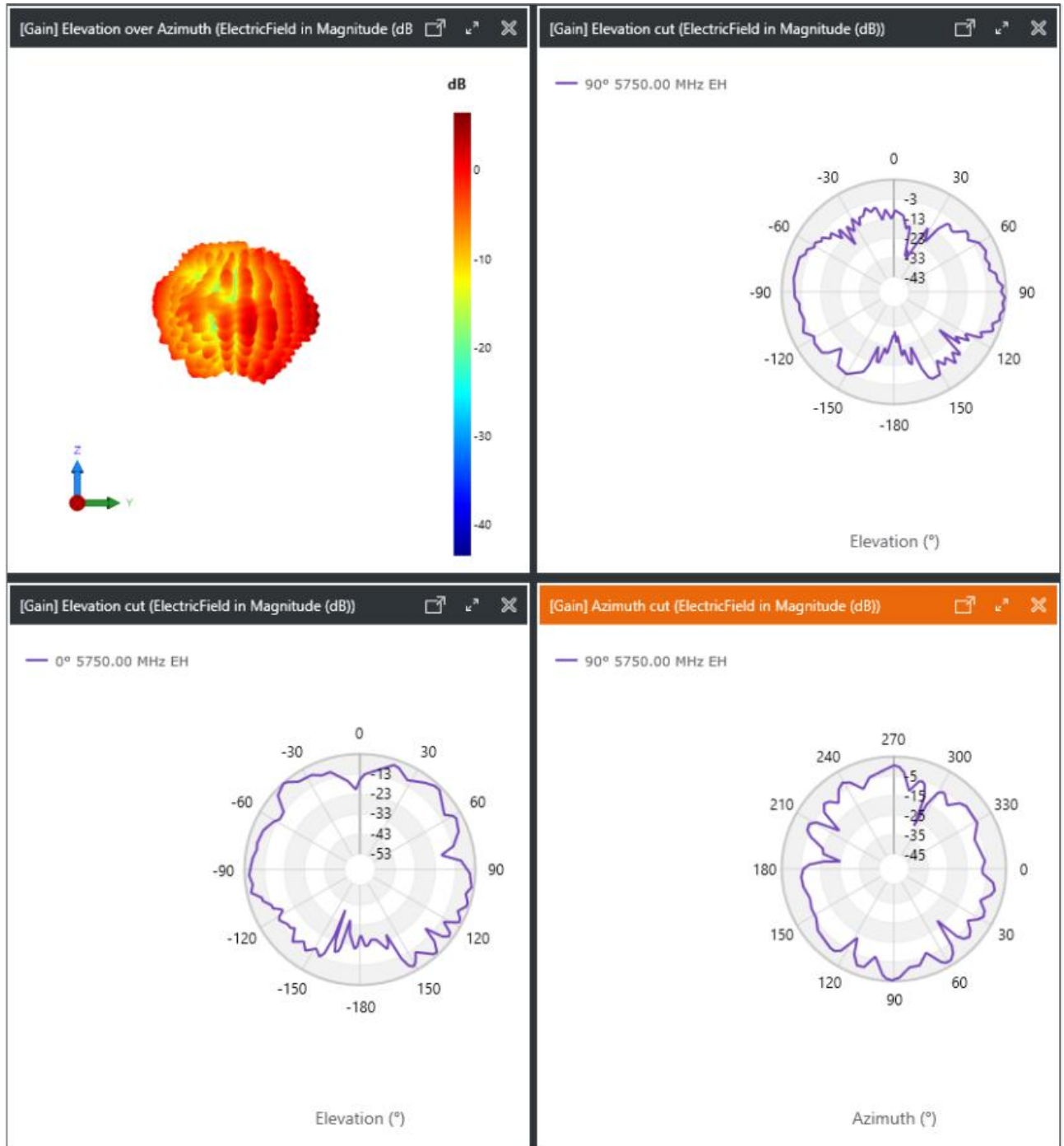
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B11

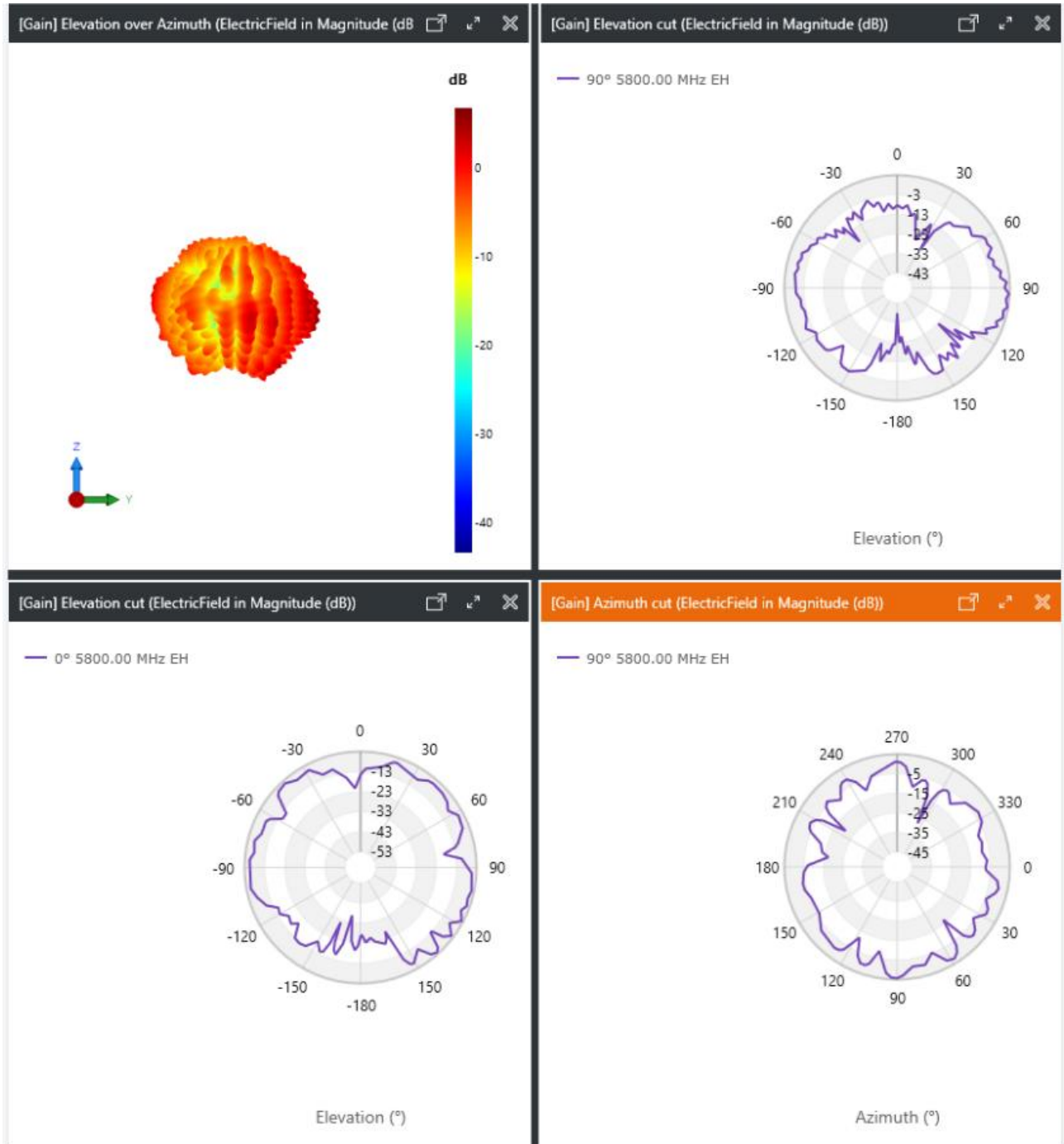
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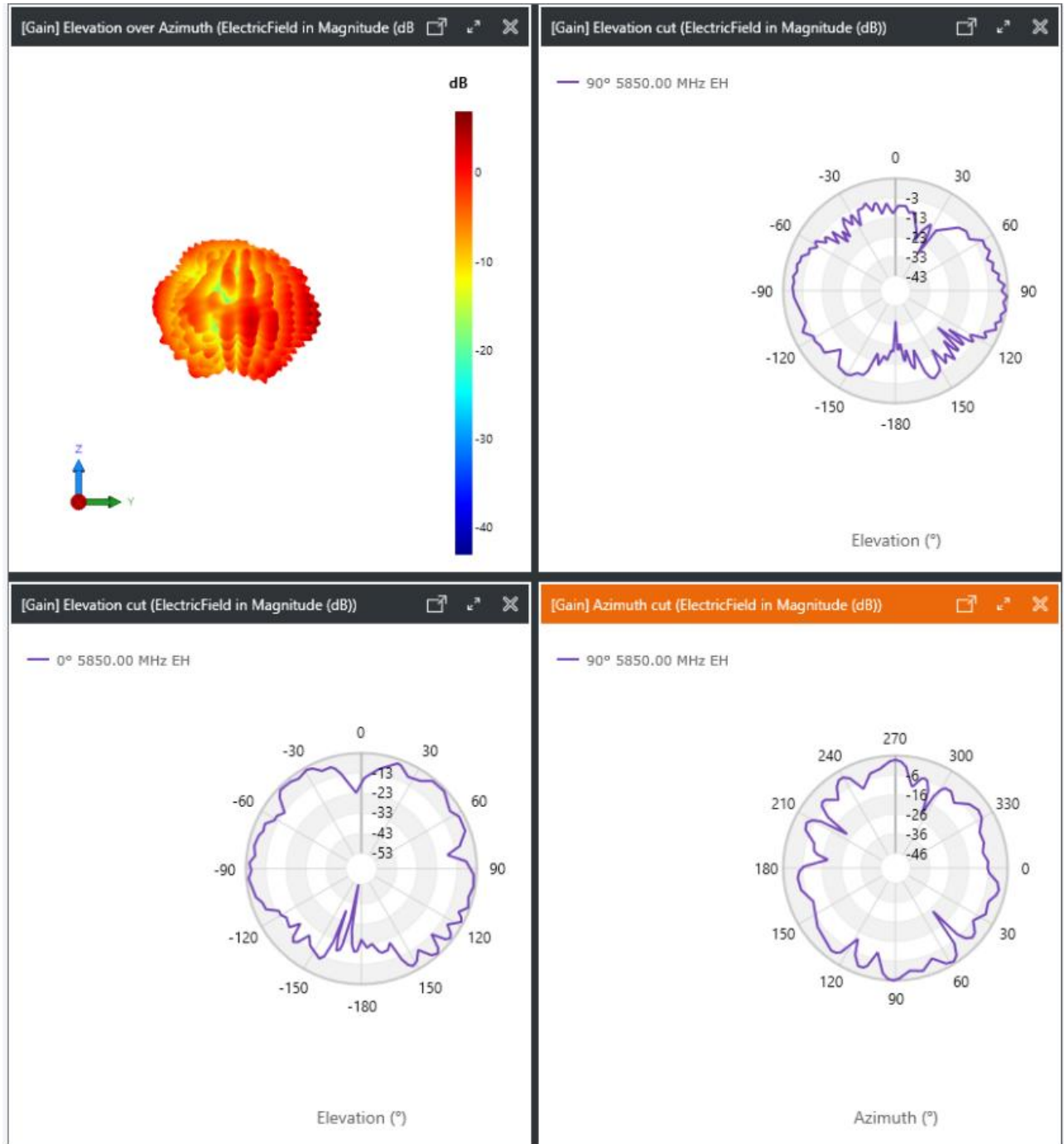
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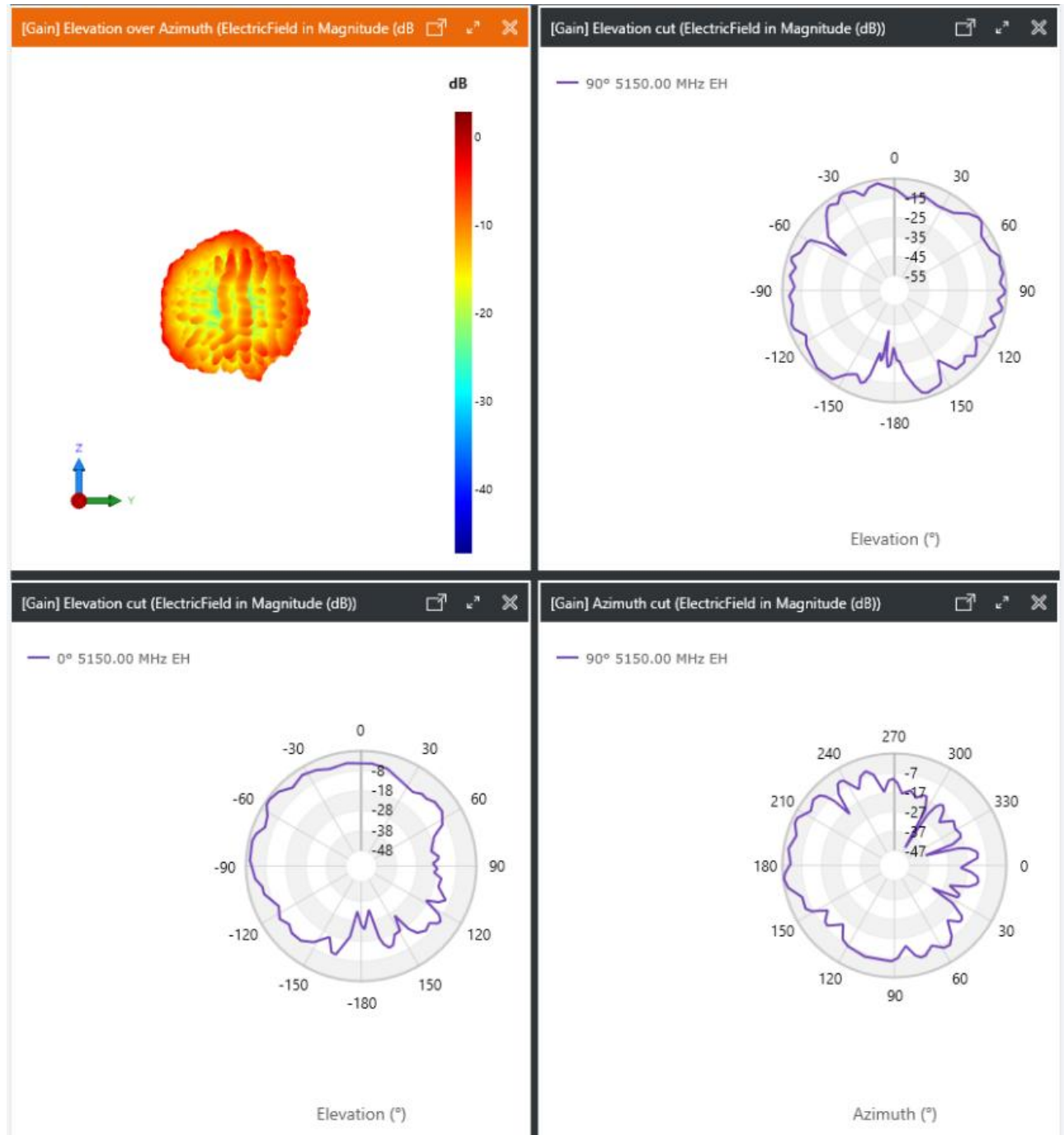


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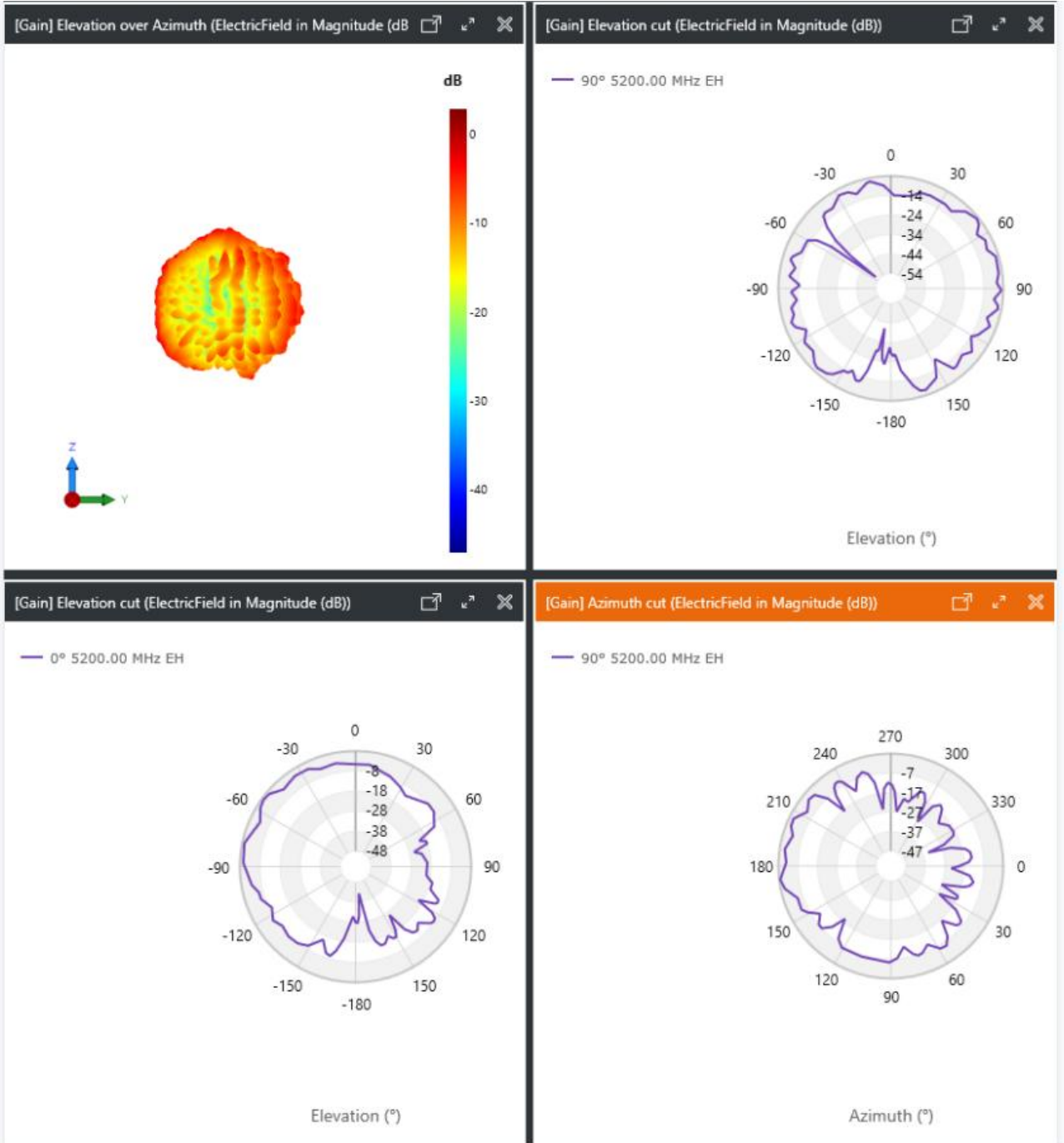


B15

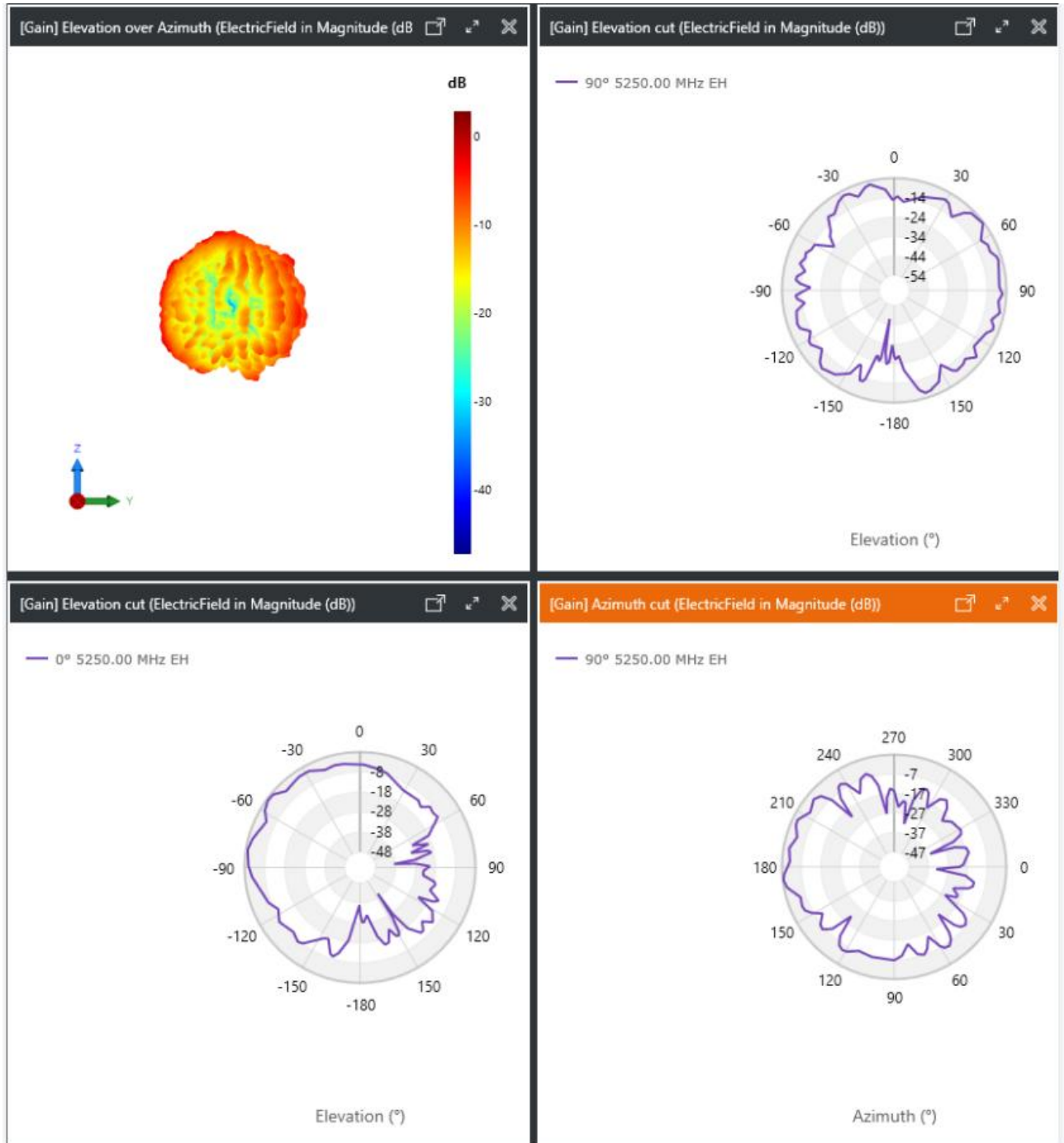


ANT2/天线2**B16**

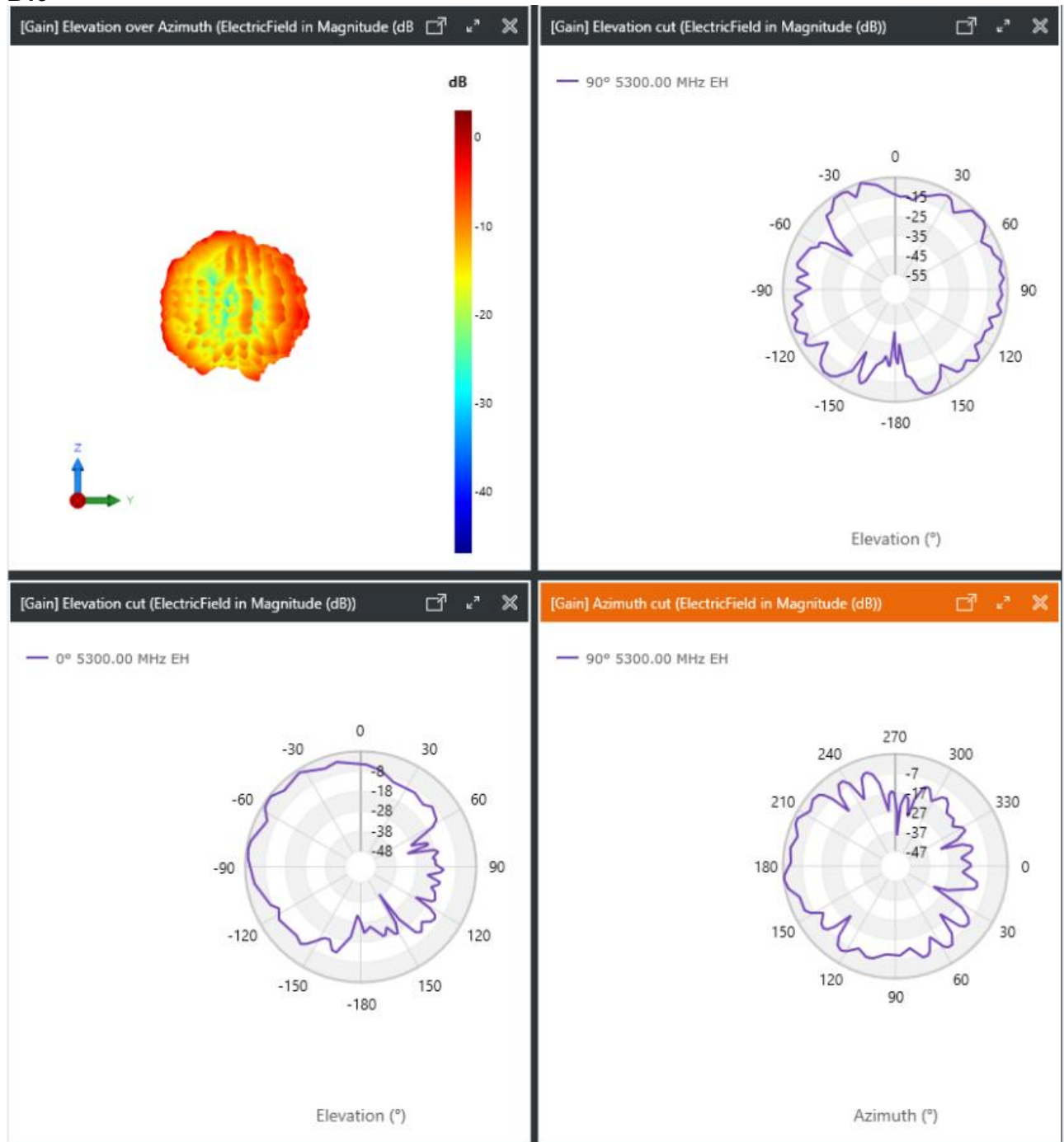
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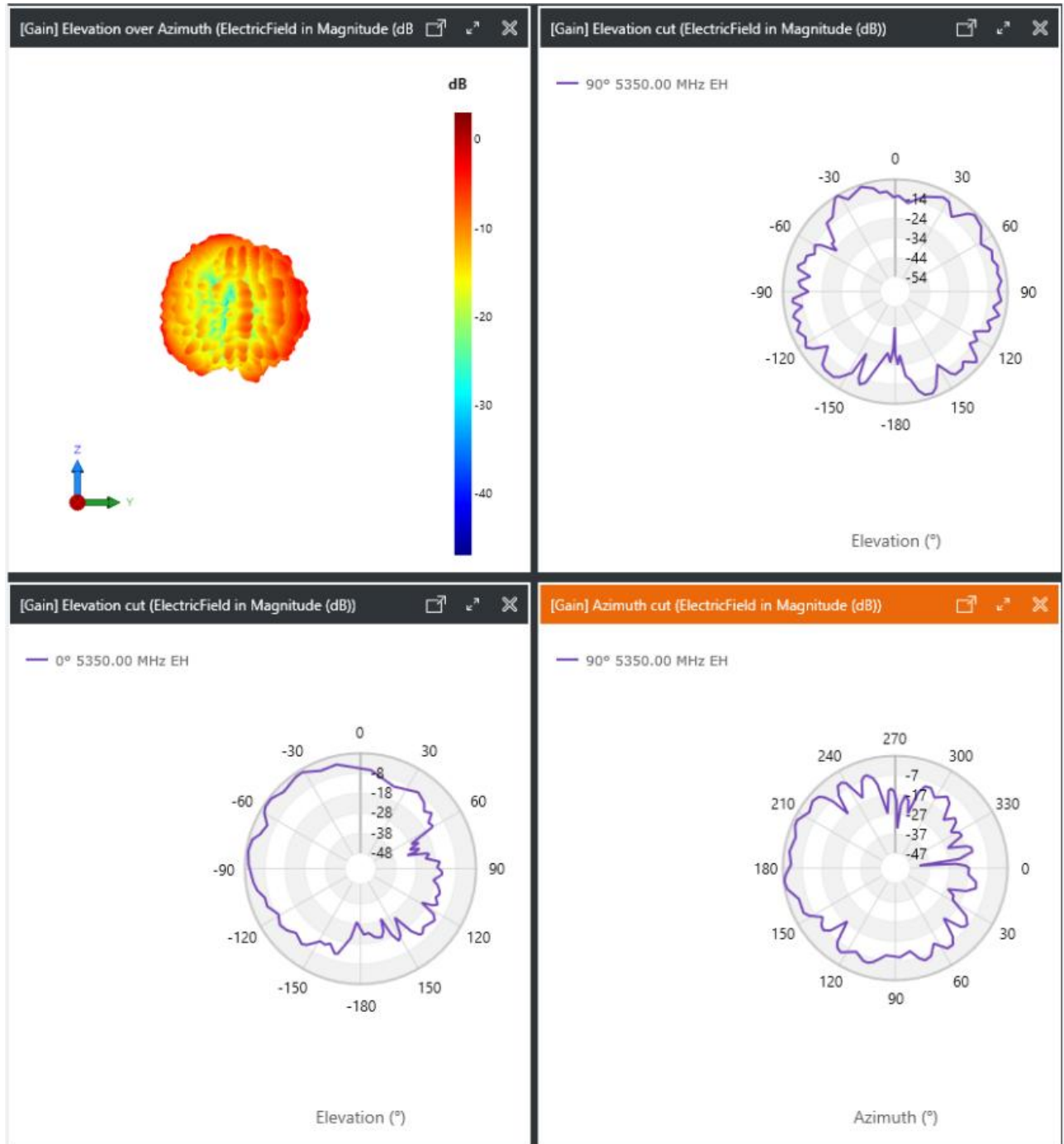


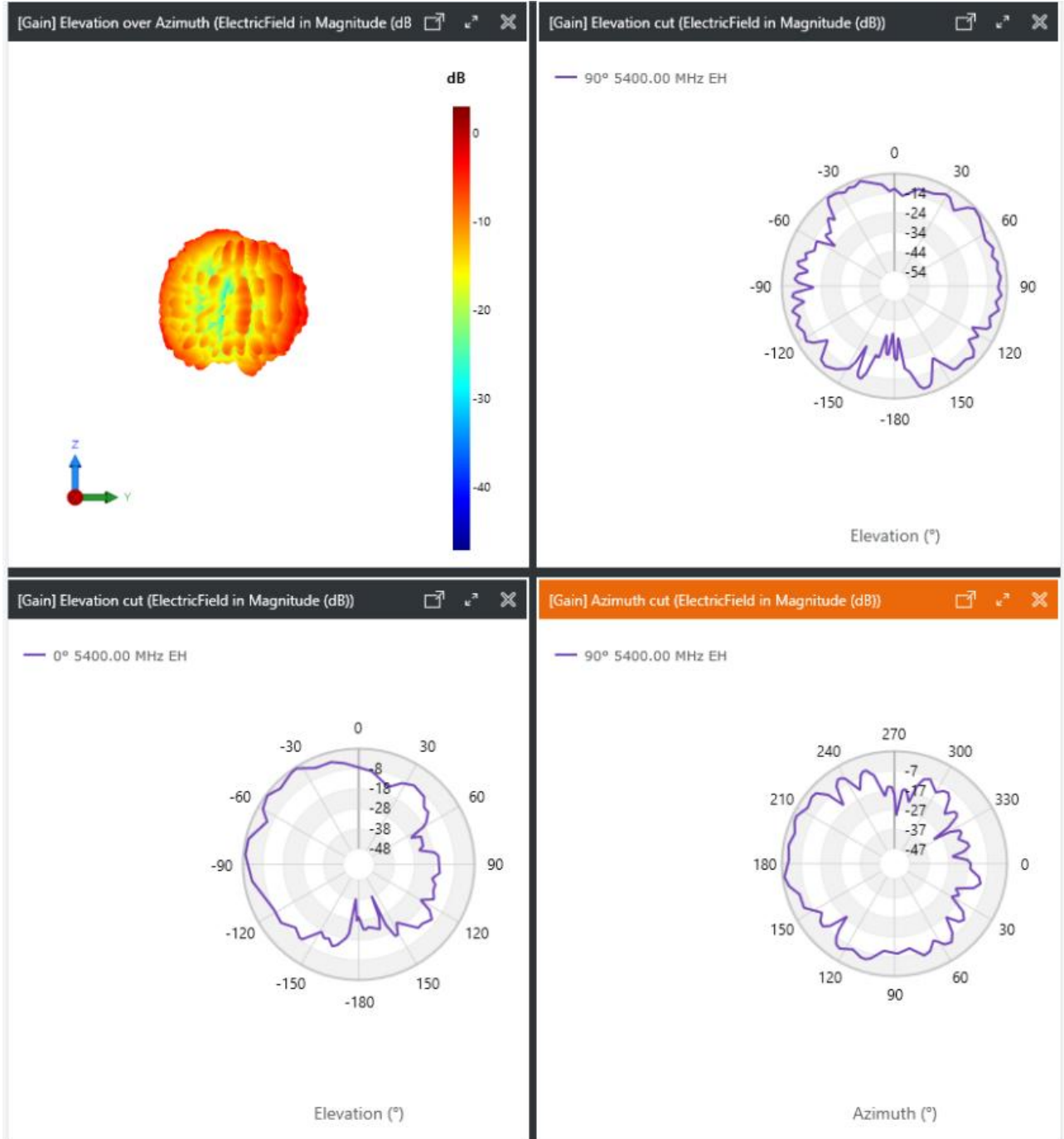
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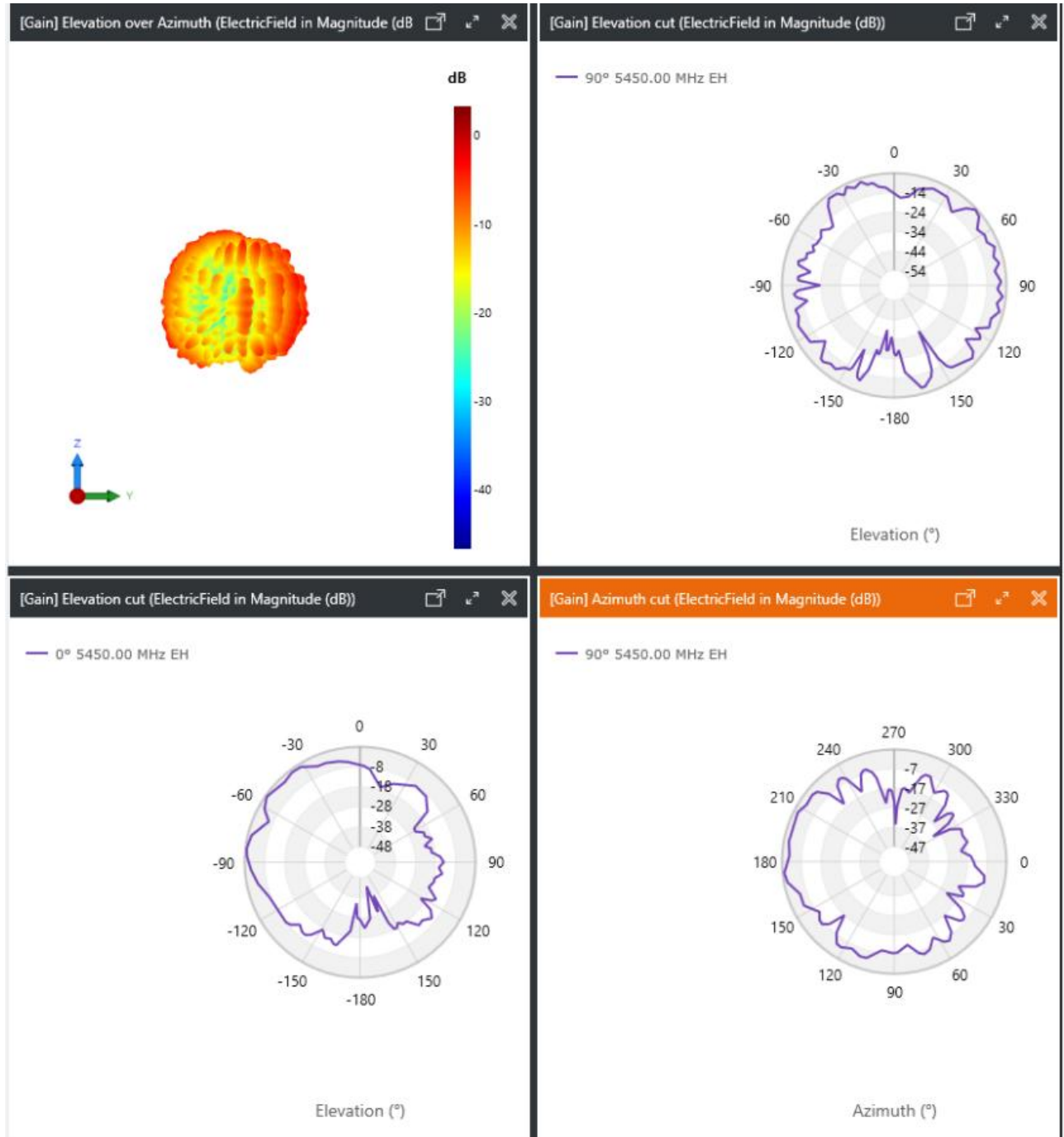


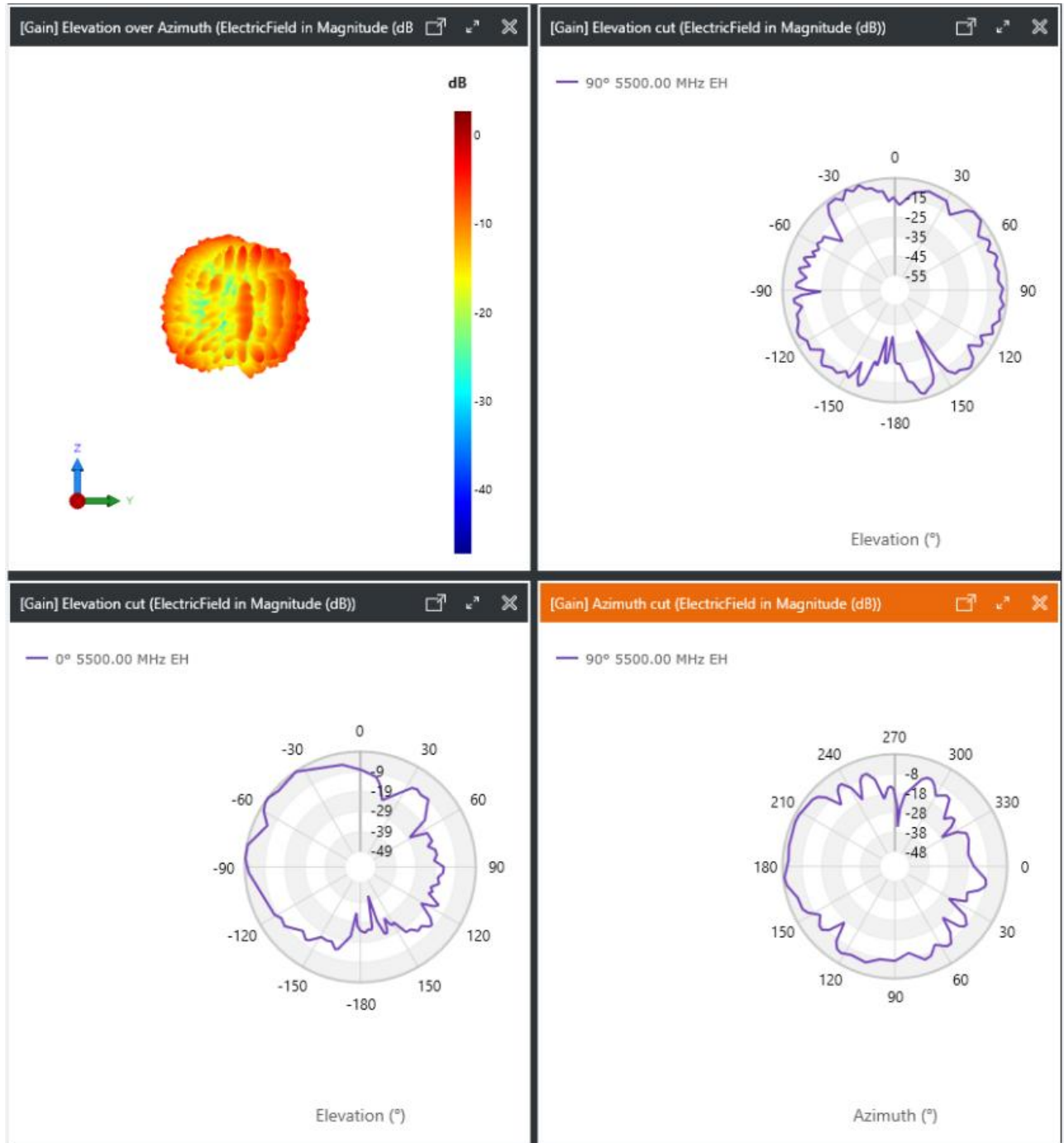
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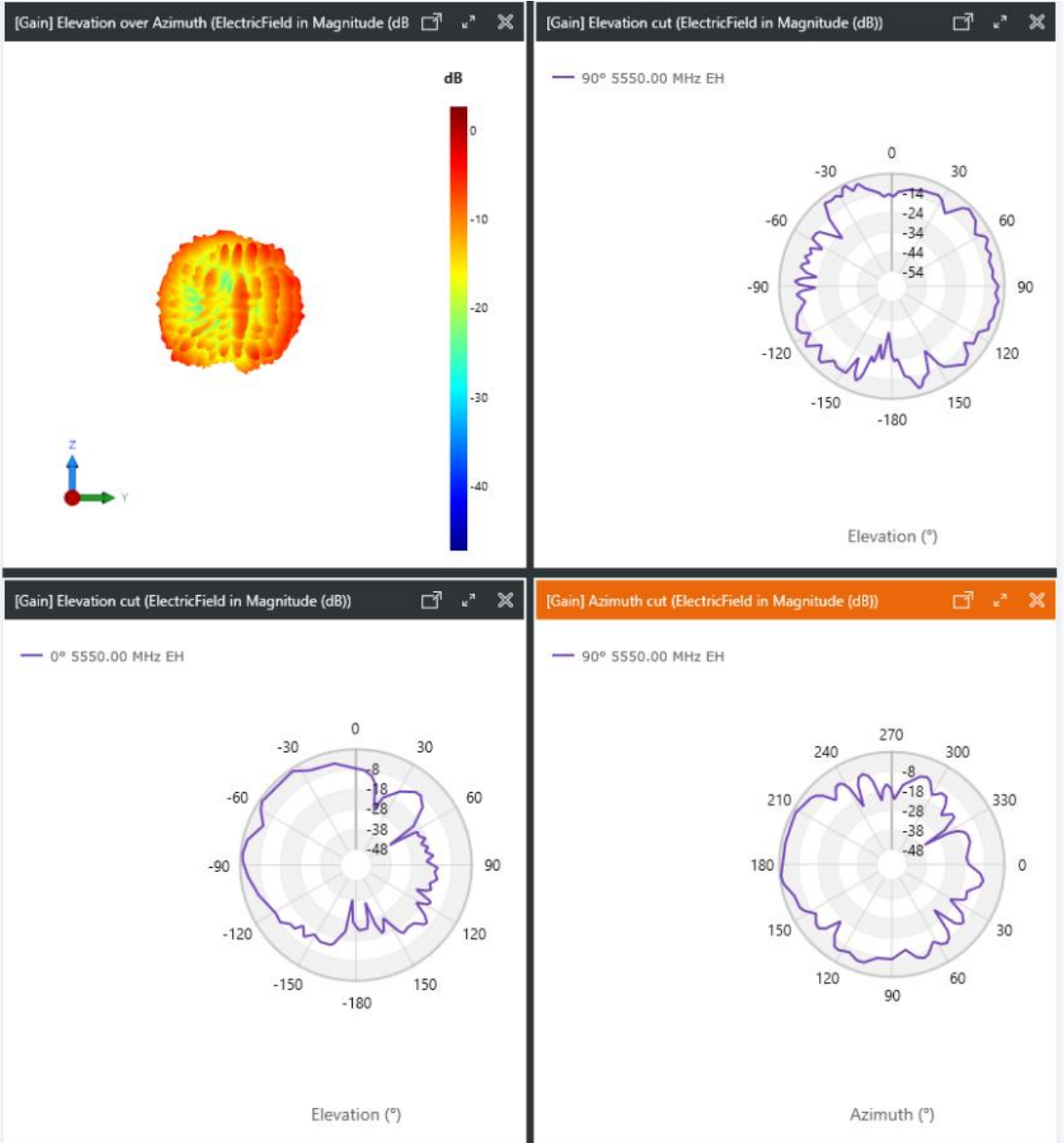
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B21

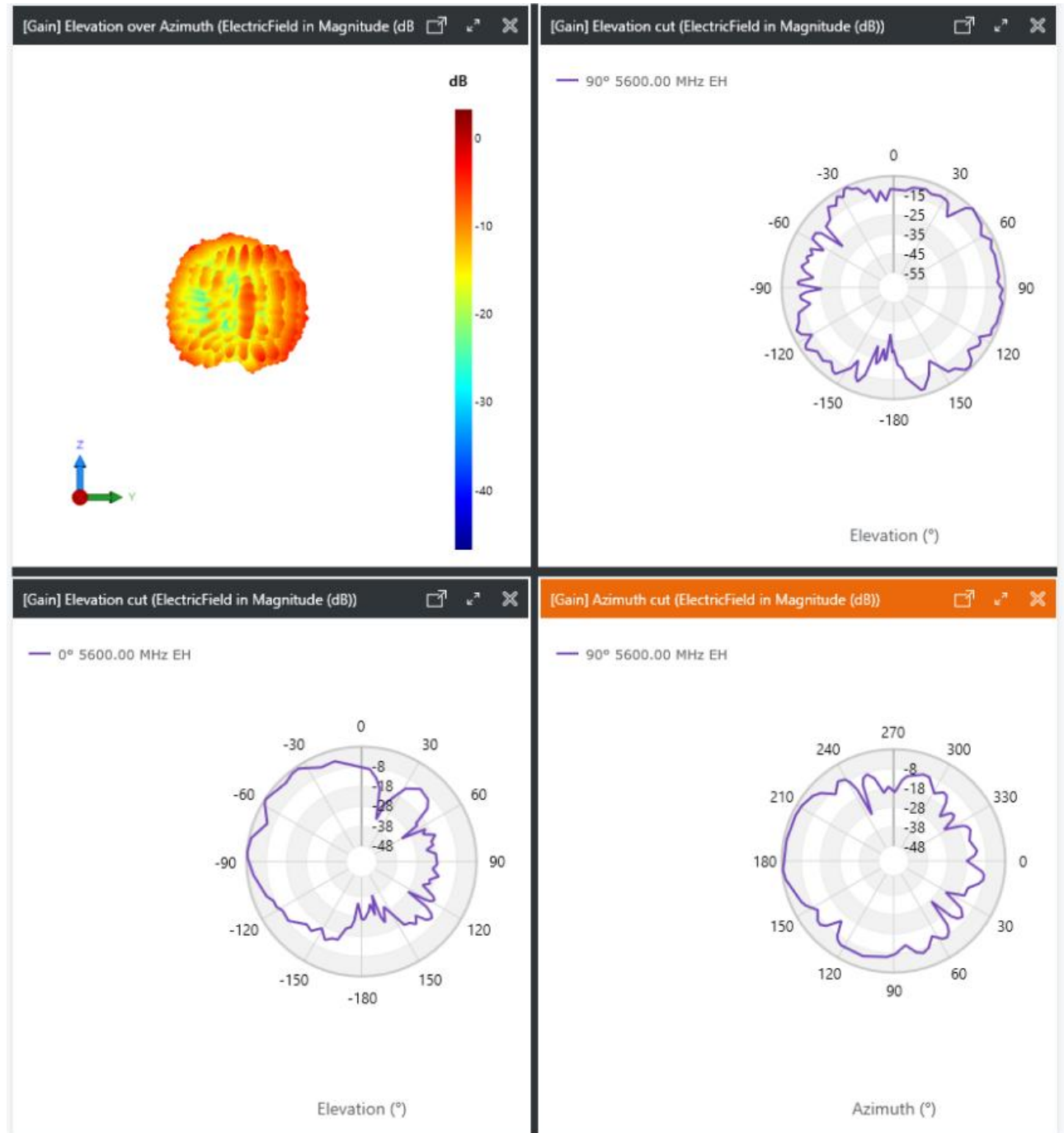
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B23

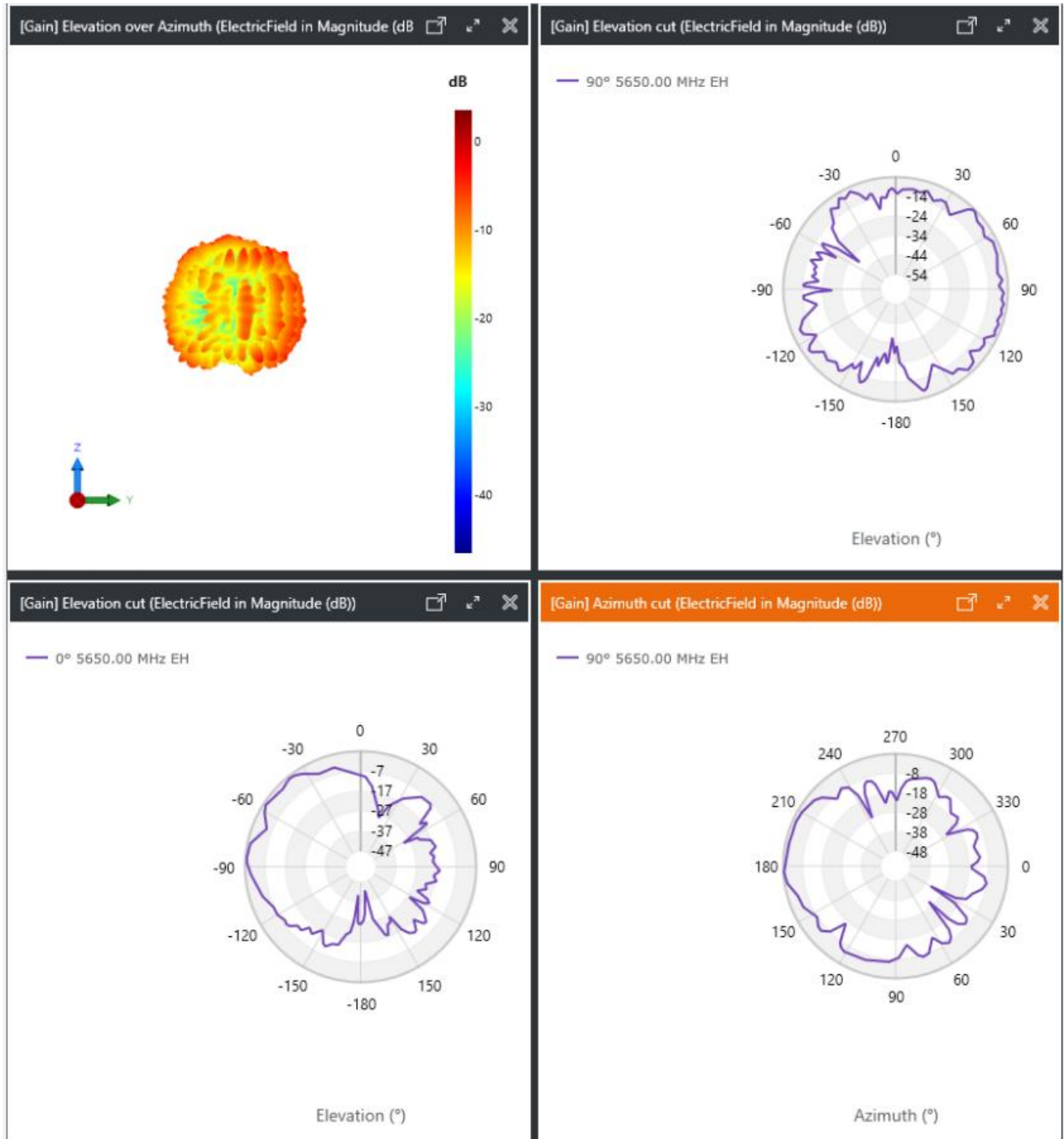
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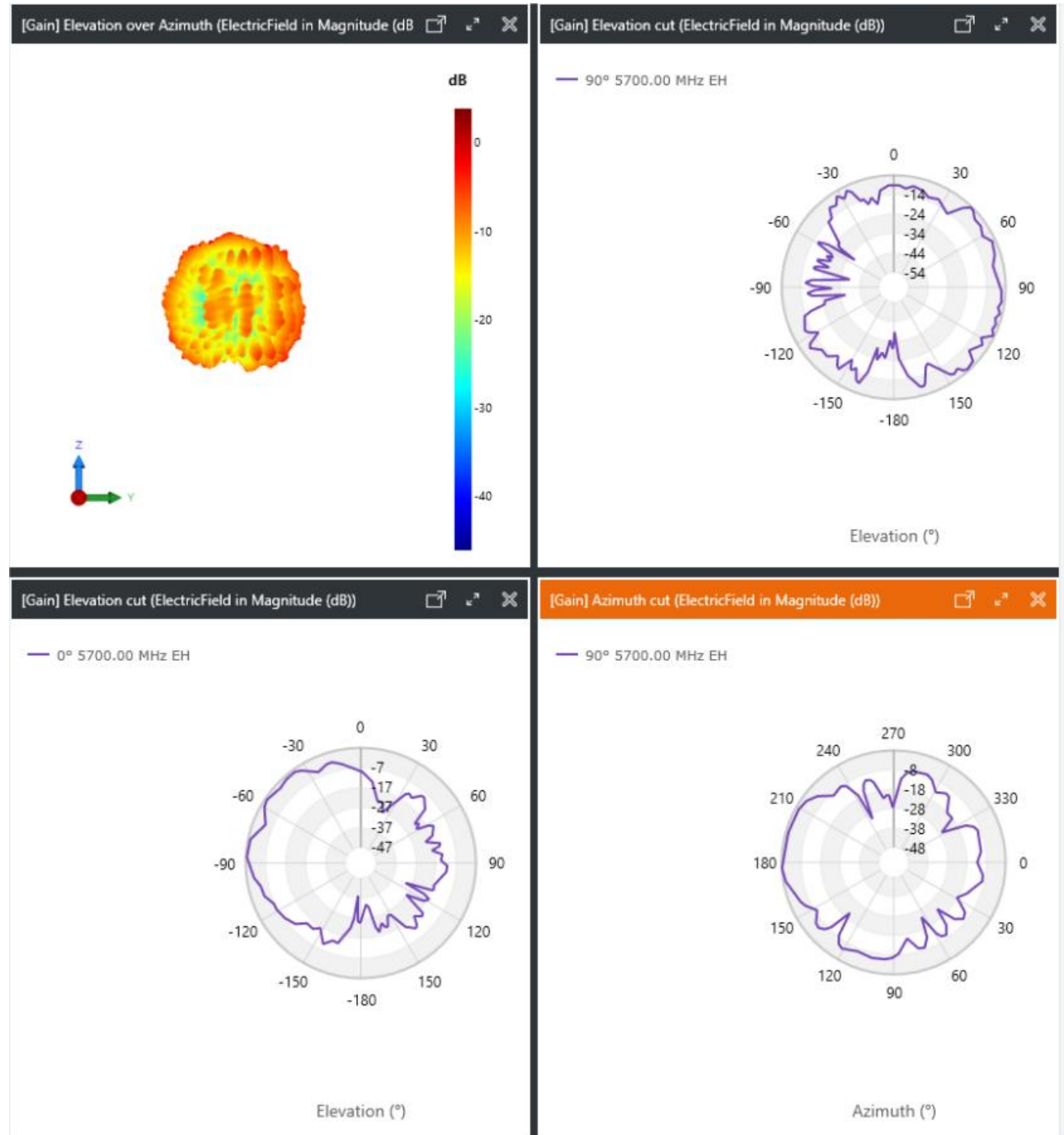


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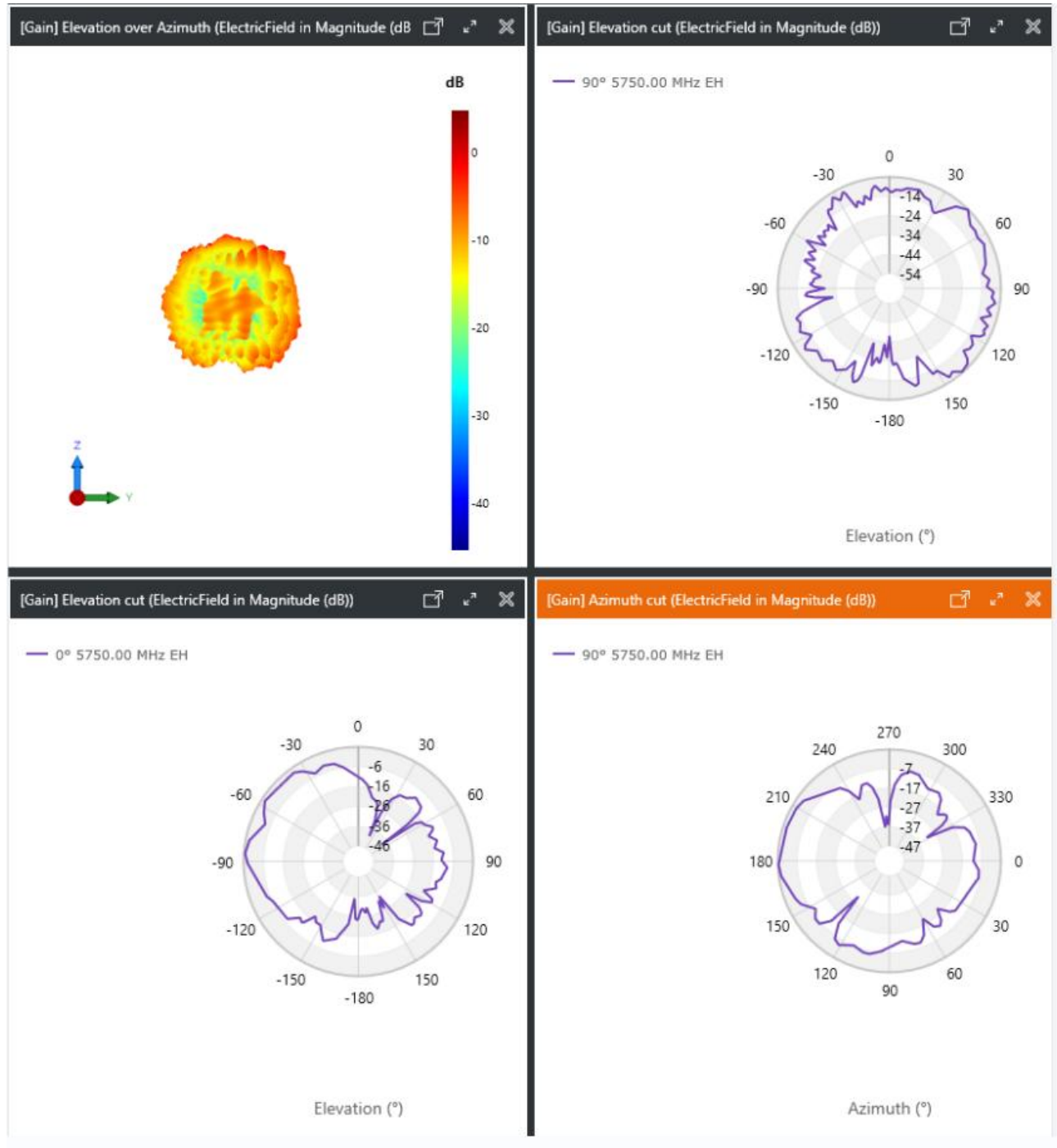


B26

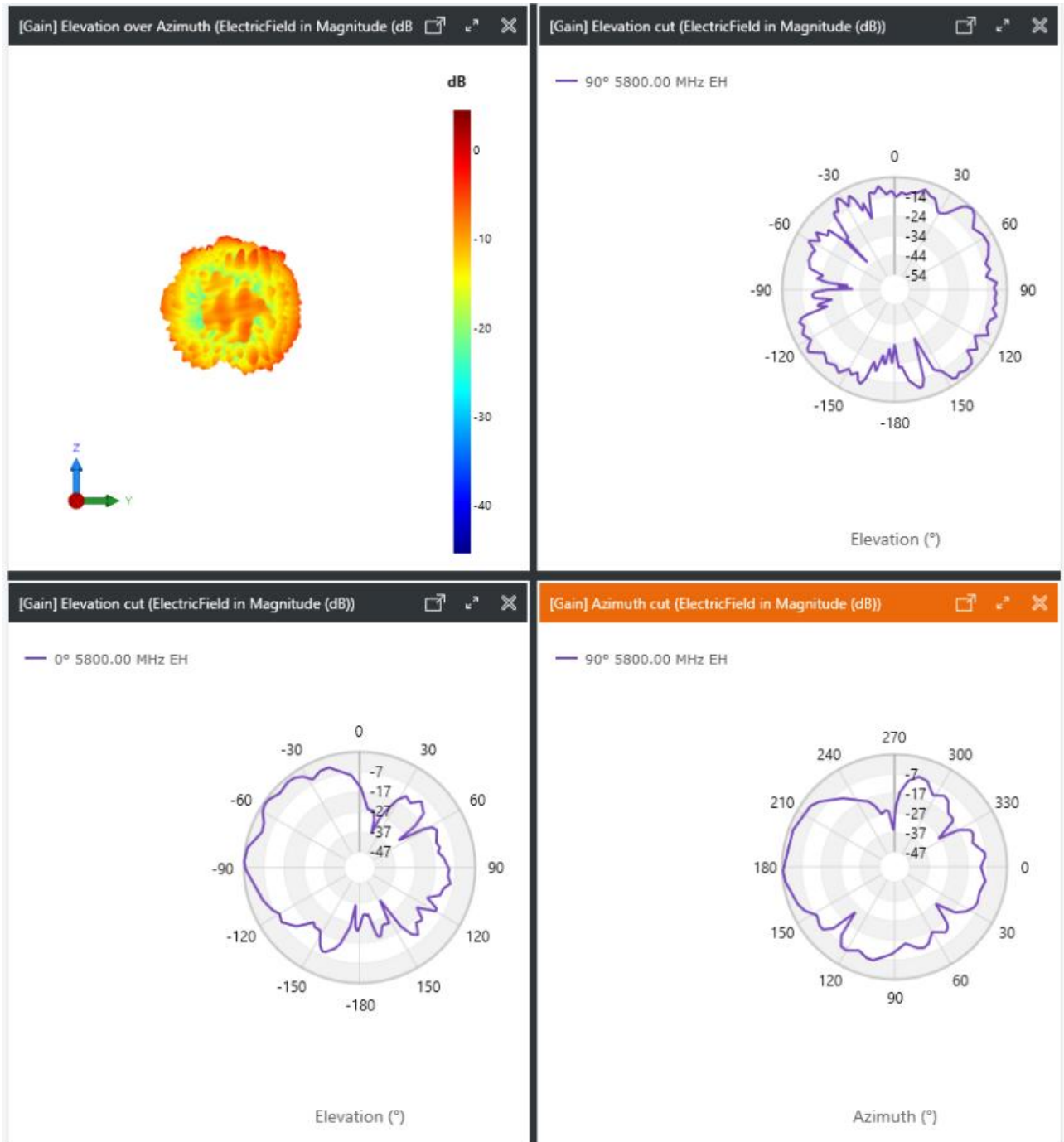


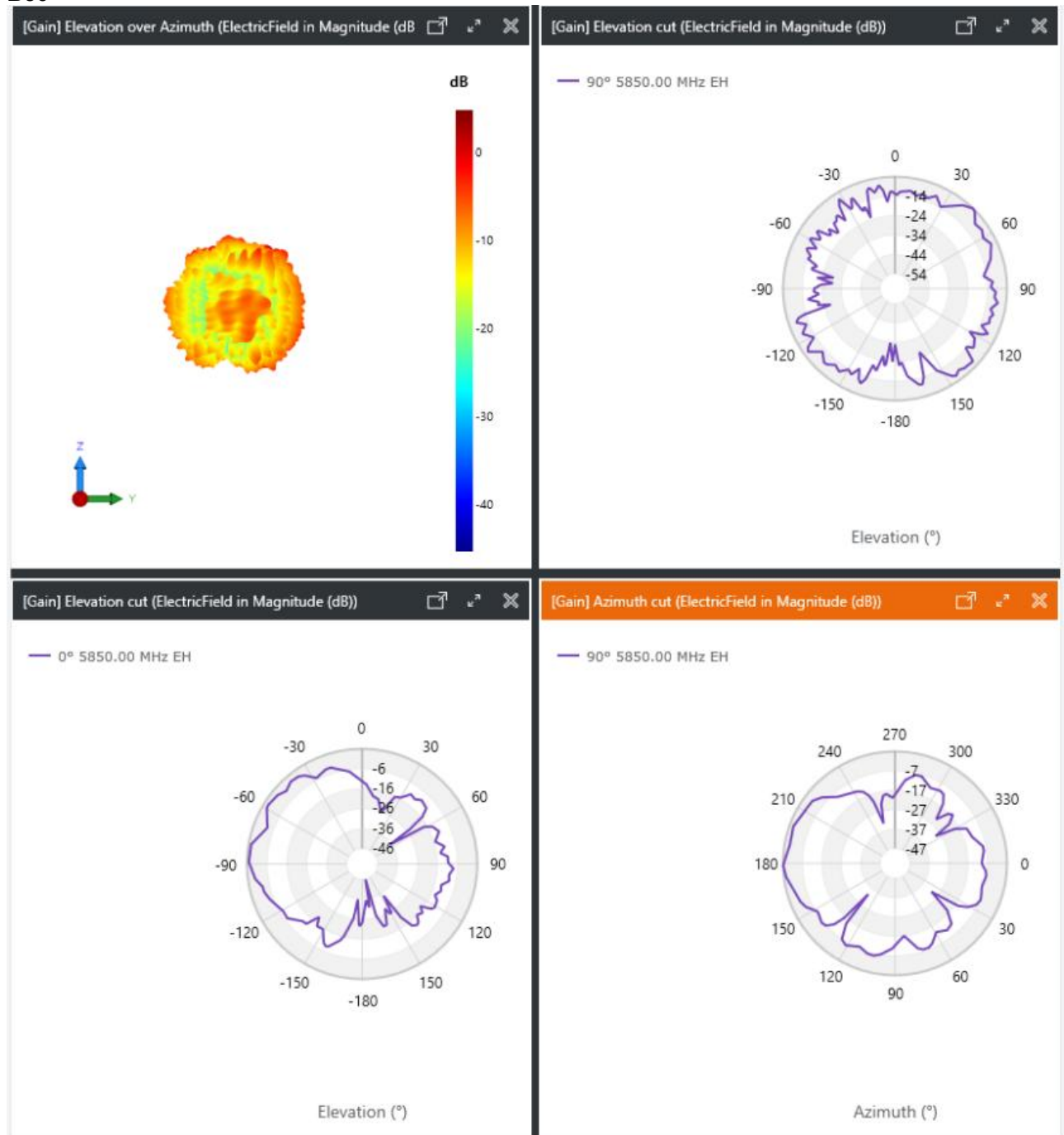
B27

B28



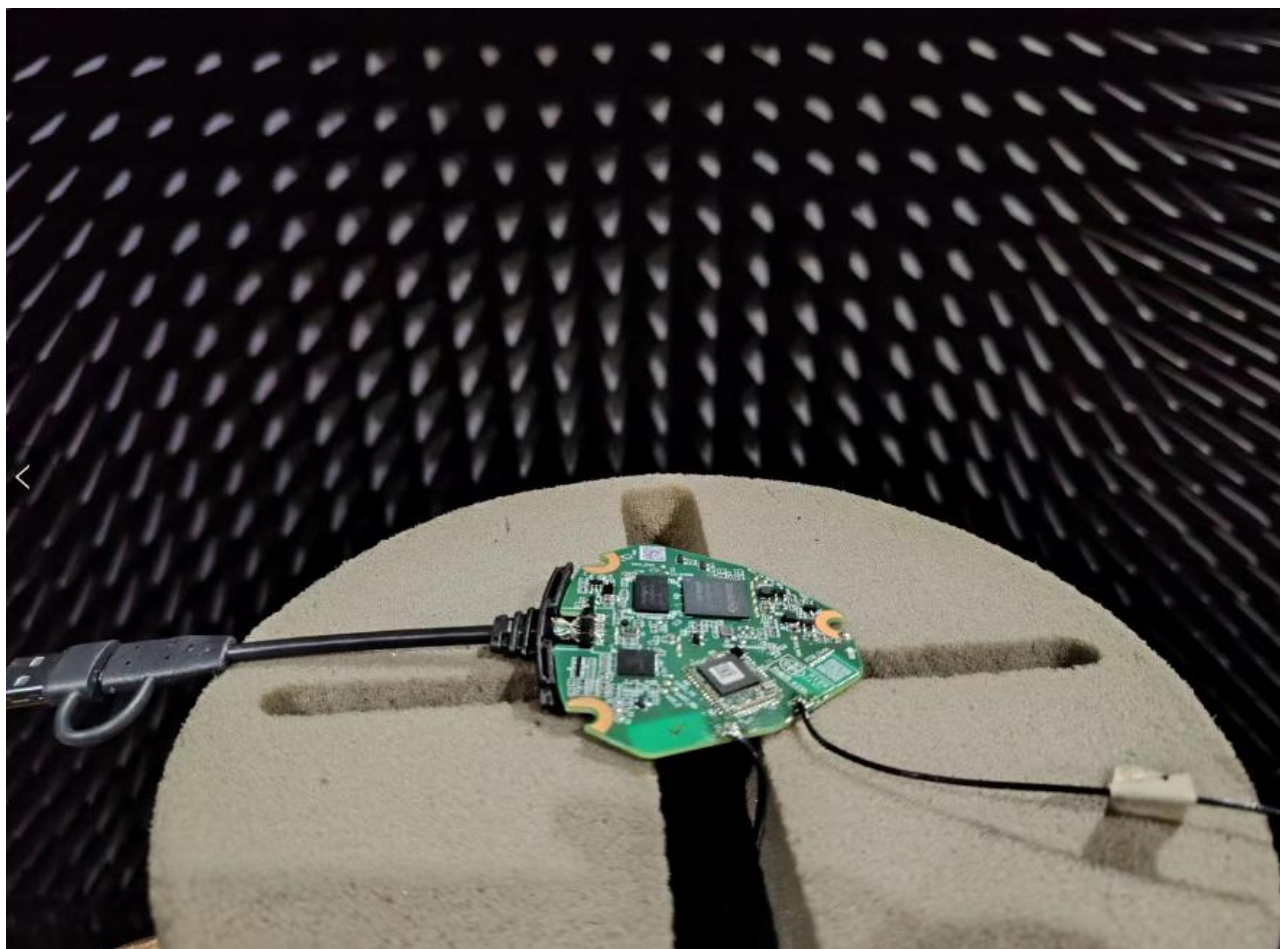
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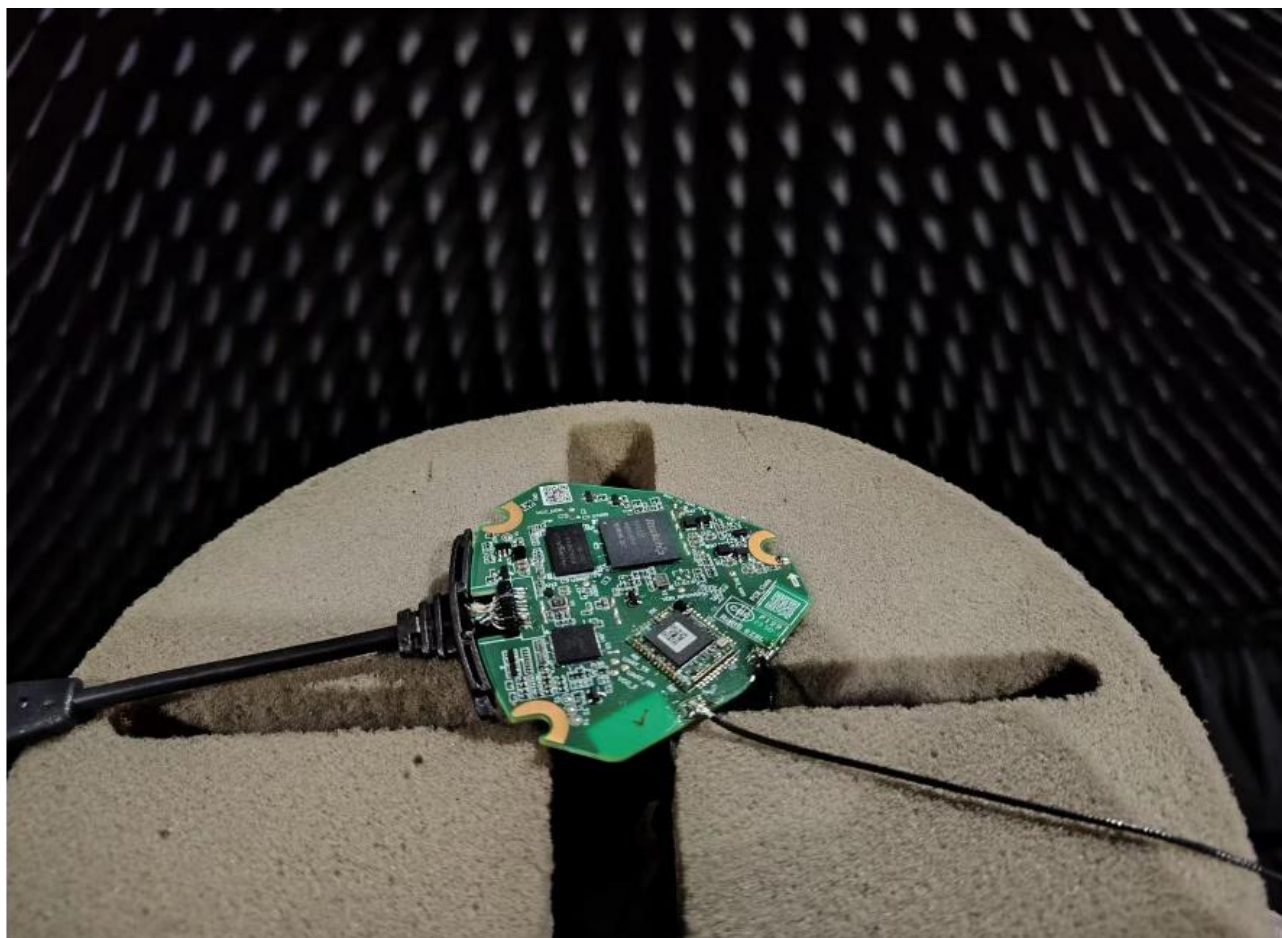
B30

ANNEX C TEST SETUP PHOTO/附件C 测试设置照片

ANT1/天线1

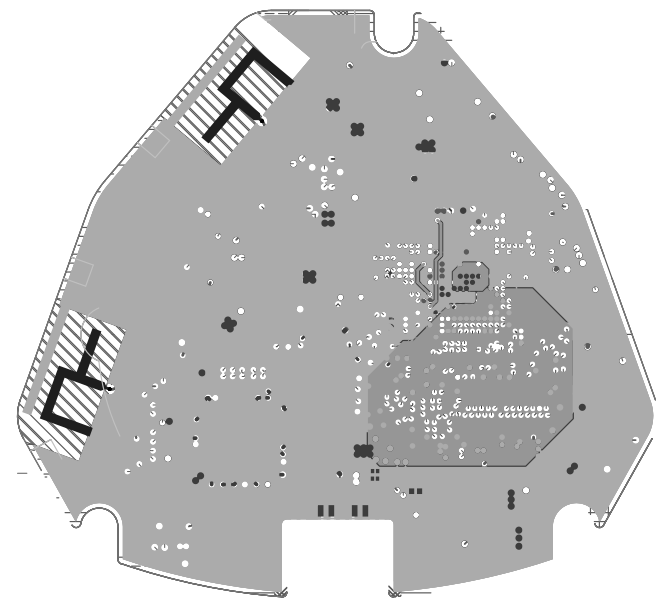


ANT2/天线2



Statement/声明

1. Test report is invalid if altered./报告涂改无效。
2. The report shall not be valid without the signature of the approver./报告无批准人签名无效。
3. The test results are valid only for the tested samples./检测结果仅对受试样品有效。
4. Without the consent of the testing unit, partial copy of this report is invalid./未经检测单位同意，部分复制本报告无效。
5. The report without the "special report seal" or official seal of the testing unit is invalid./报告无检测单位“报告专用章”或公章无效。
6. Judgement of the result in "N/A" means "not applicable", "=" "/", "P" said by "test", "F" said "not detected by", "-" means "do not make judgement./结果判定中“N/A”表示“不适用”，“/”表示“未检测”，“P”表示“检测通过”，“F”表示“检
7. The company name and address, sample and product information in the report are provided by the applicant, which is not verified by the unit, and the applicant shall be responsible for its authenticity./报告中公司名称及地址、样品及产品信息由申请者提供，本单位未核实，申请者应对其真实性负责。
8. Any objection to this report shall be raised to the testing unit within 15 days from the date of receipt of the report./对本报告如有异议，应于收到报告之日起十五天内向检测单位提出。



L2	.G1
L3	.G2
L4	.G3
L5	.G4

