

Antenna Test Report

Customer	zhong
Project	M5
Antenna Revision	V1.0
Antenna Type:	1433
Product Description	板载
Product No	V1.0
DATE	2024.2.28

Purpose

This report is to measure the performance of BT antenna for 263. The antenna operating frequency at 2.4~2.5GHz, All test data are showed as below.

Content

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4. Test Result
 - 4.1 S11 Parameter
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 - 4.3 2D Pattern
 - 4.4 OTA Data
 - 4.5 BT Boot measured
5. Antenna Assembly & environmental processing

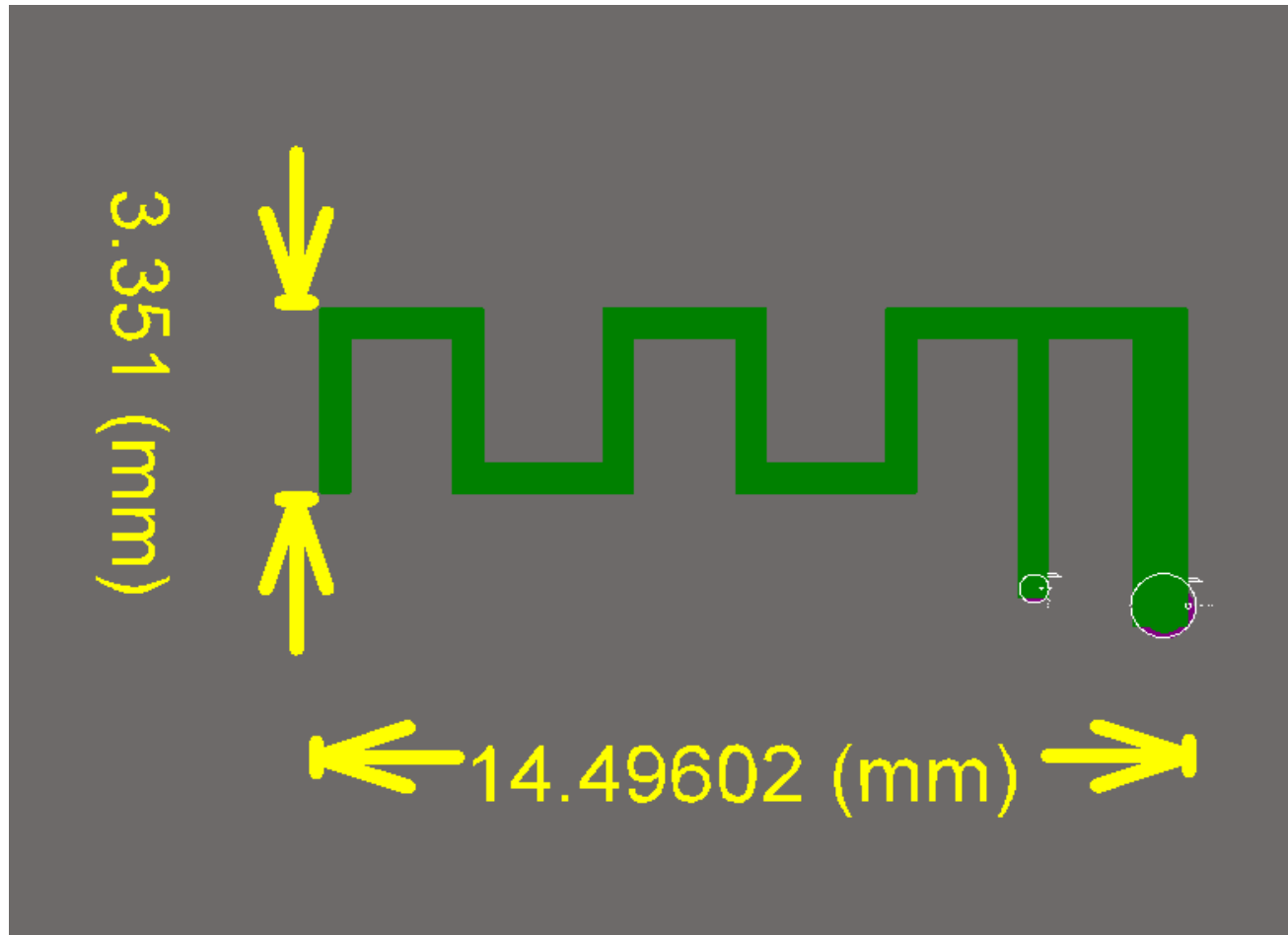
2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	CMW500 & CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C

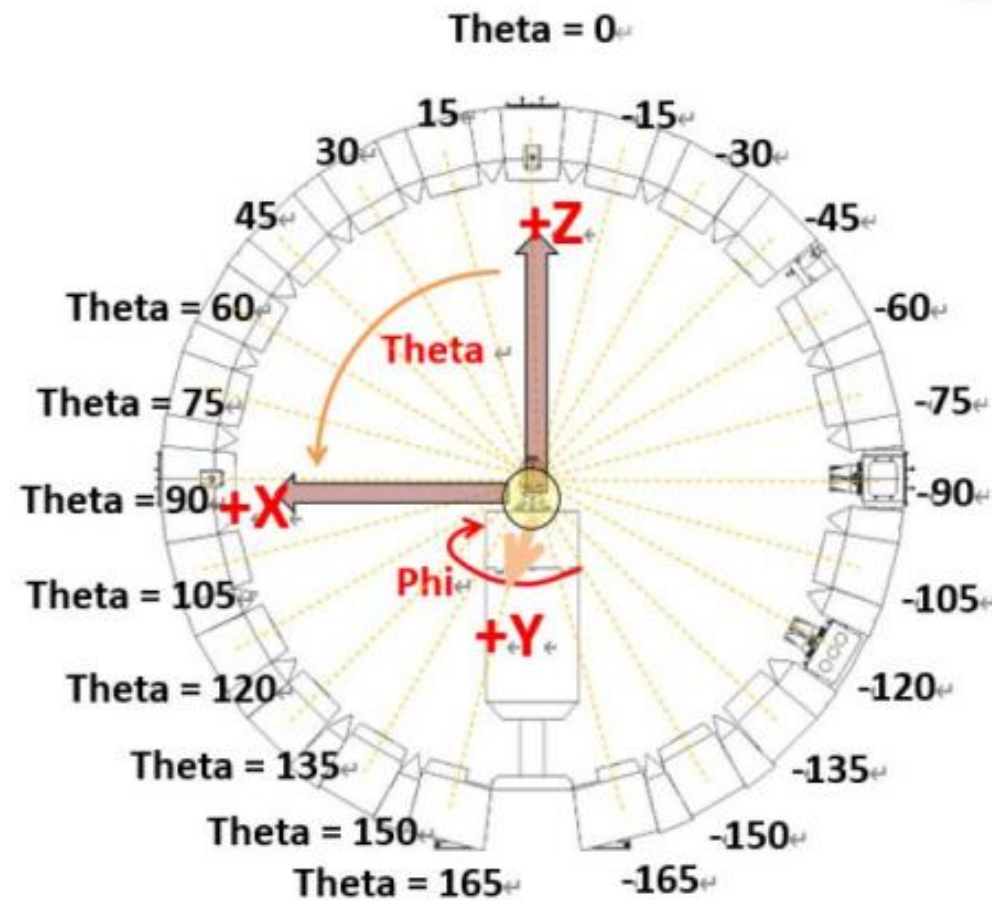


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3. Antenna Size



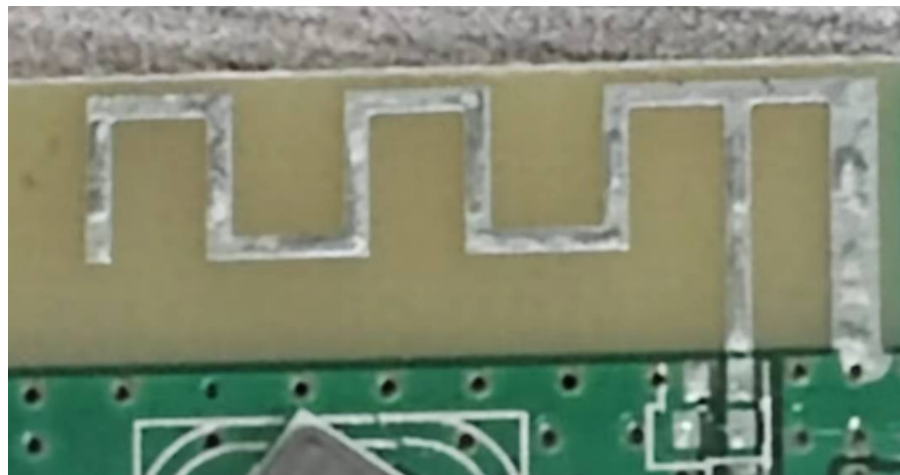
Sample status & coordinates



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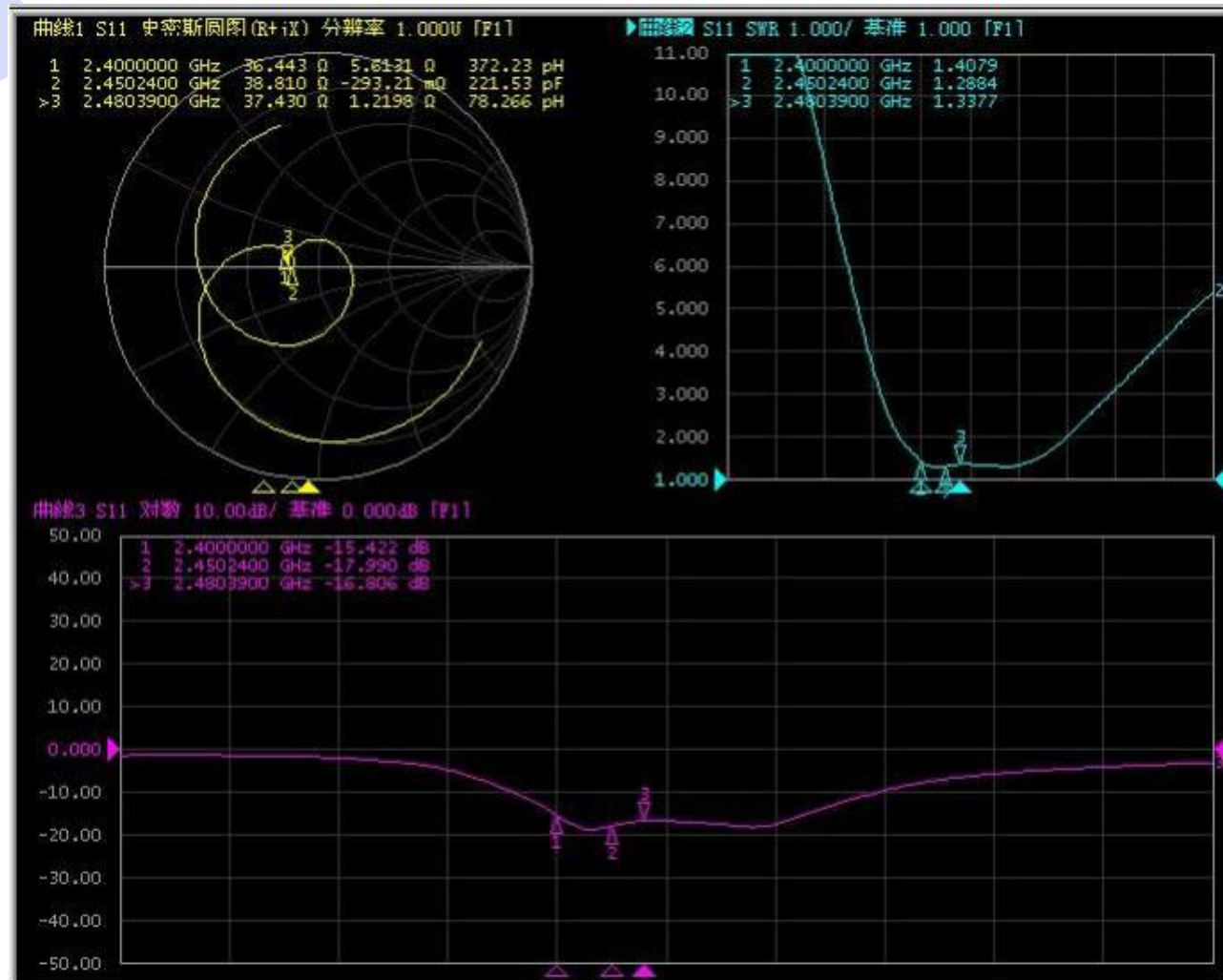
Shenzhen Xinlianxin Electronics Co., Ltd

(L-R)



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无源S11—(BTANT)-



Test Result

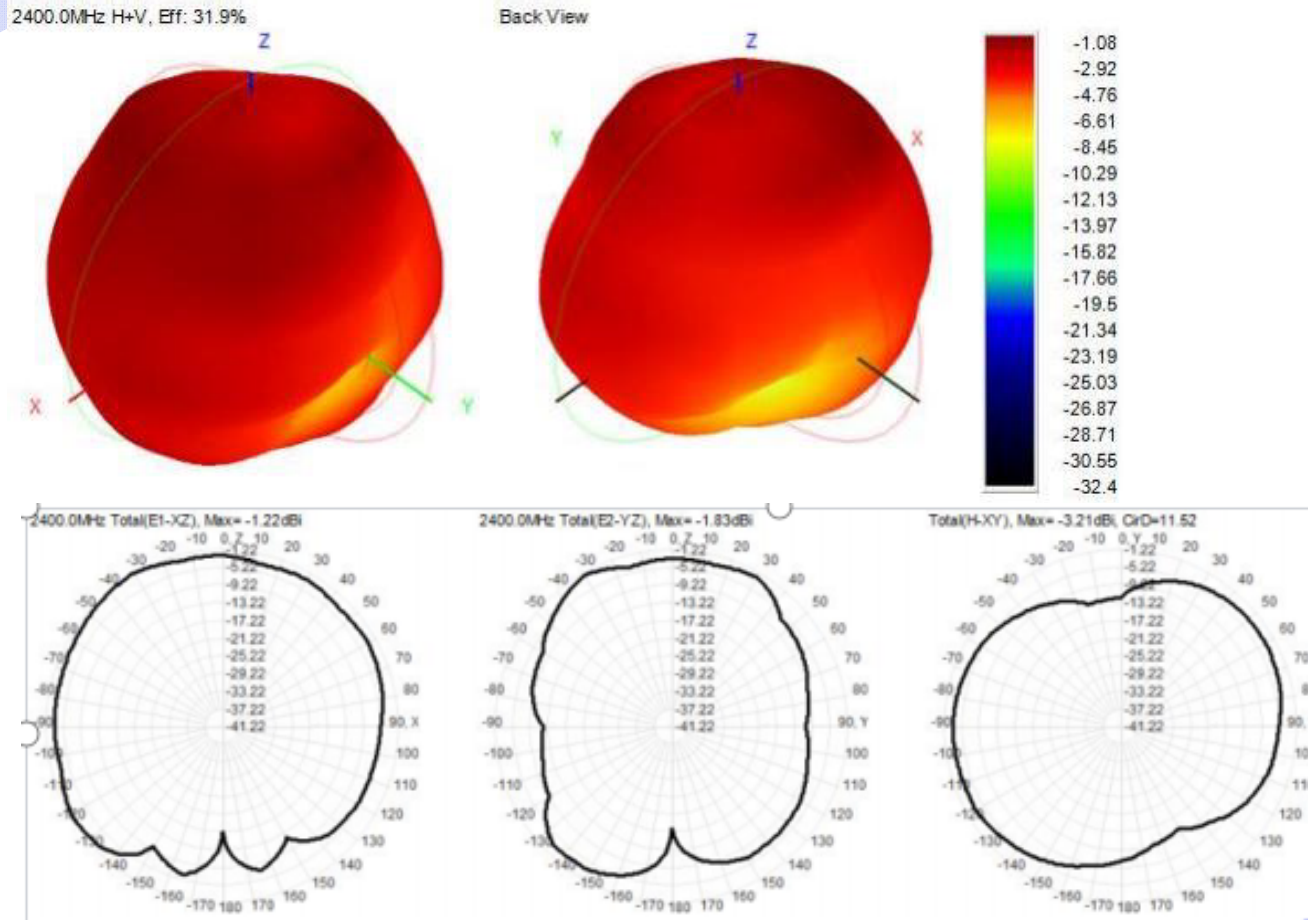
Gain & Efficiency—**BT- ANT**

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	31.87	-1.08
2410	34.61	0.88
2420	37.32	0.59
2430	41.67	0.38
2440	43.92	0.47
2450	45.37	1.26
2460	45.91	1.92
2470	44.45	1.11
2480	41.49	1.34
2490	39.18	1.78
2500	36.41	1.38

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Test Result

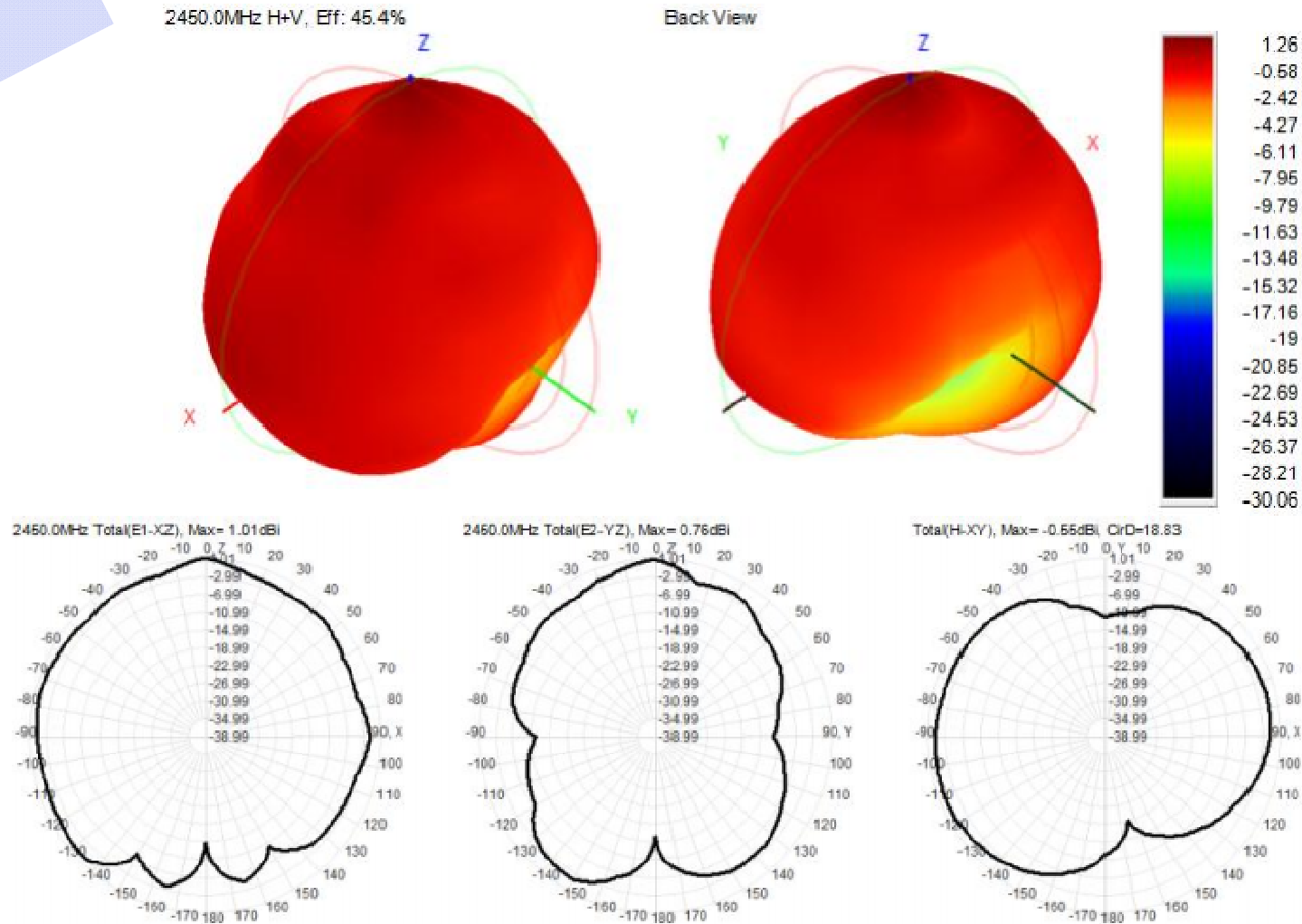
2D&3D — BT-ANT



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Test Result

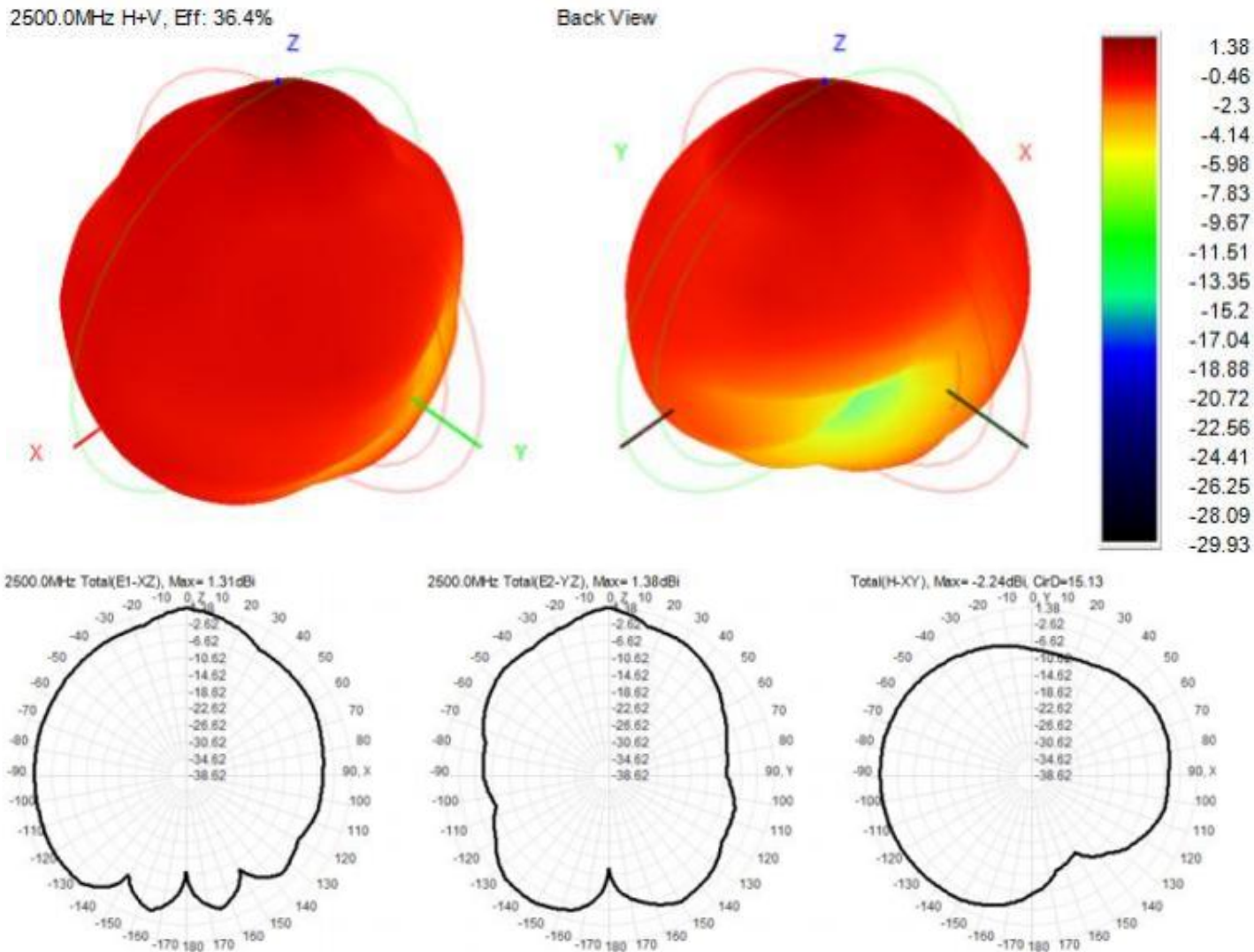
2D&3D — BT- ANT



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Test

2D&3



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