

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: V1)

CUSTOMER(客户名称)	深圳市汇联丰供应链管理有限公司(富智康)
CS P/N(客户机种)	TG2
PART NAME(品名)	WIFI 小折叠外置天线
FREQUENCY(频率)	2.4~2.5GHz&5.15~5.85GHz
ZTX NO.(物料编号)	1.22.00648
DATE(日期)	2023-10-24

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章): _____

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
2023.10.24		邹一麟		

ZTX 中天迅

Shenzhen ZTX Communication Technology Co., Ltd

地址: 深圳市宝安区石岩镇石龙大道 34 号(腾达工业园)

邮编: 518000

电话: 0755-27588320

传真: 0755-27588045

<http://www.chinaztx.com>

ANTENNA SPECIFICATION

CUS P/N :TG2 WIFI 小折叠外置天线
ZTX P/N :TG2 WIFI 小折叠外置天线

ApplicationDate:Oct,24,2023
Editor:

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Revision history

版本	日期	状态
V1	2023-10-24	首版

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ANTENNA SPECIFICATION

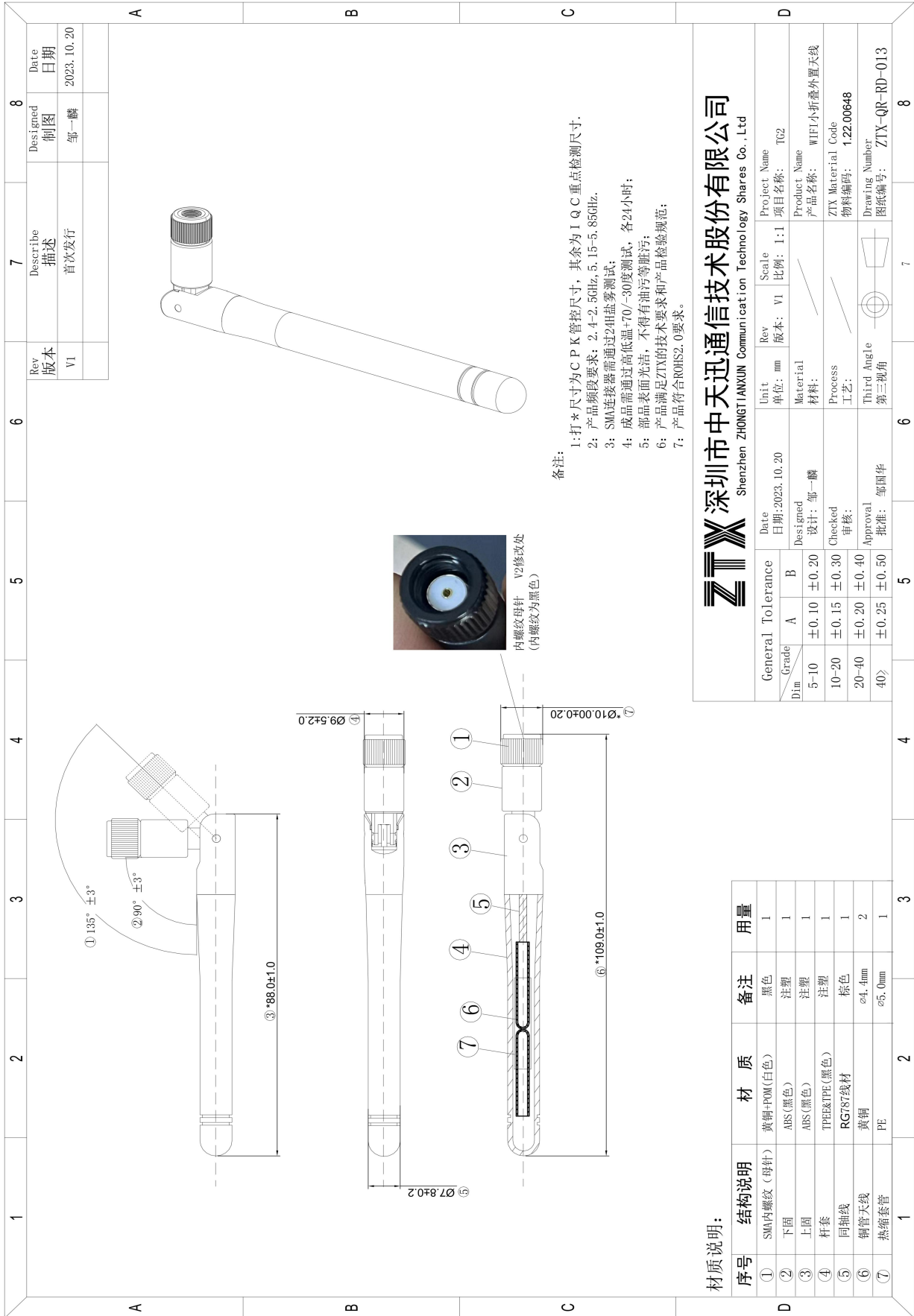
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1. Mechanical Specification

1. Mechanical Configuration (WIFI 小折叠外置天线)



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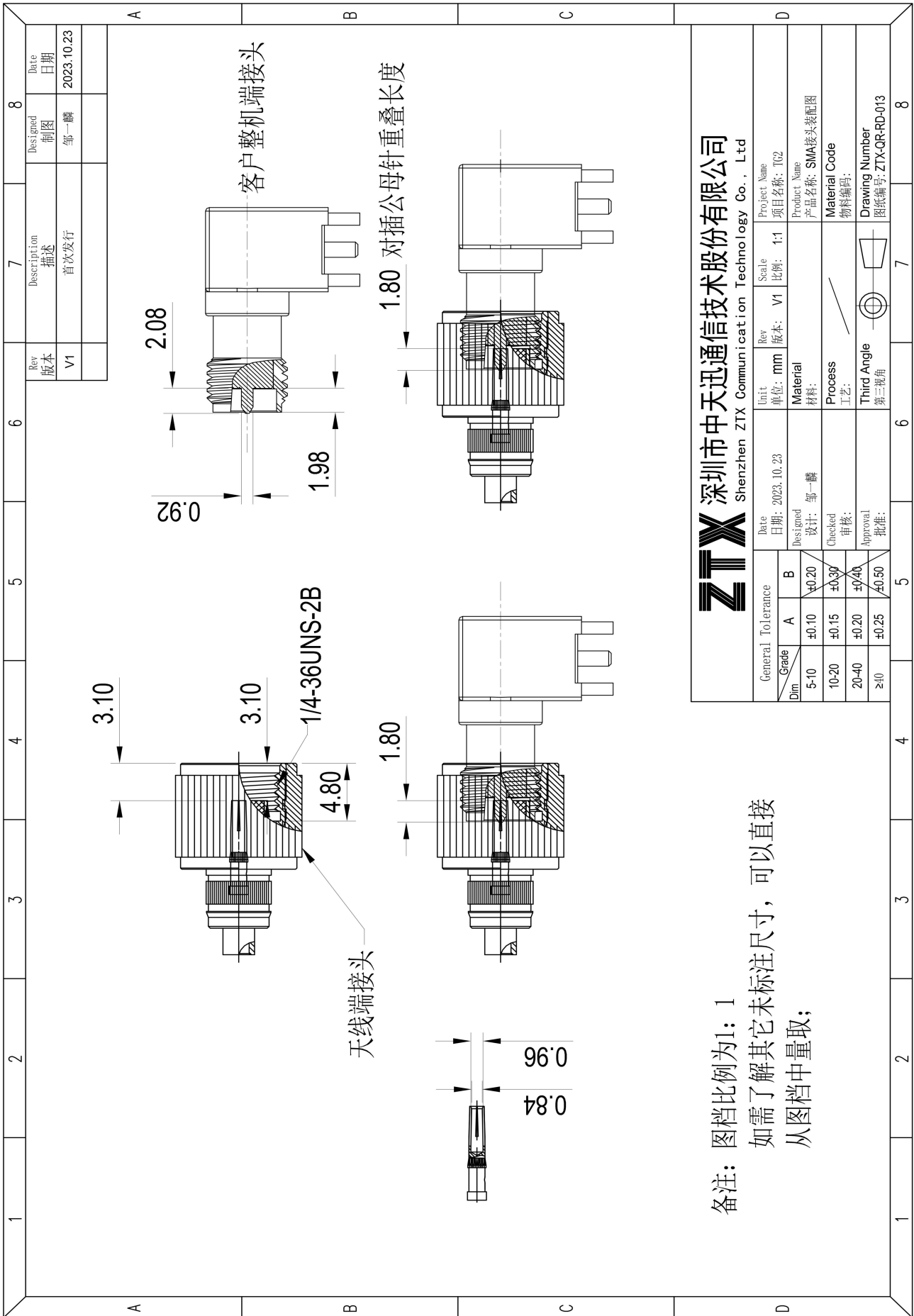
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备注: 图档比例为1: 1

如需了解其它未标注尺寸, 可以直接
从图档中量取;

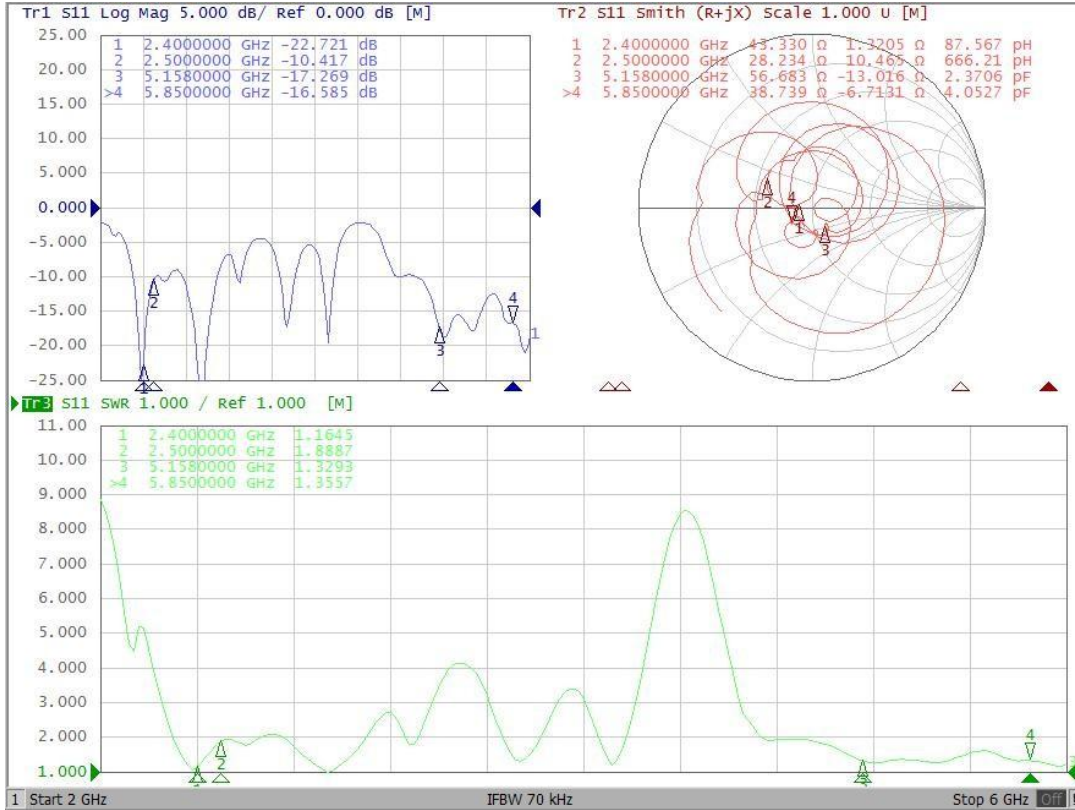
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2.Antenna test data 2-1 VSWR



2-2 No-source test data

Freq (MHz)	Effi (%)	Gain (dBi)
240000000	61%	3.306
241000000	63%	3.727
242000000	63%	3.757
243000000	63%	3.724
244000000	60%	3.103
245000000	62%	3.567
246000000	60%	3.031
247000000	56%	2.201
248000000	61%	3.206
248500000	61%	3.182
515000000	57%	2.475
520000000	57%	2.444
525000000	53%	1.879
530000000	53%	1.749
535000000	50%	1.277
540000000	52%	1.683
545000000	51%	1.363
555000000	53%	1.797
560000000	54%	2.034
565000000	54%	2.122
570000000	53%	1.917
575000000	52%	1.672
580000000	50%	1.218
585000000	49%	1.089

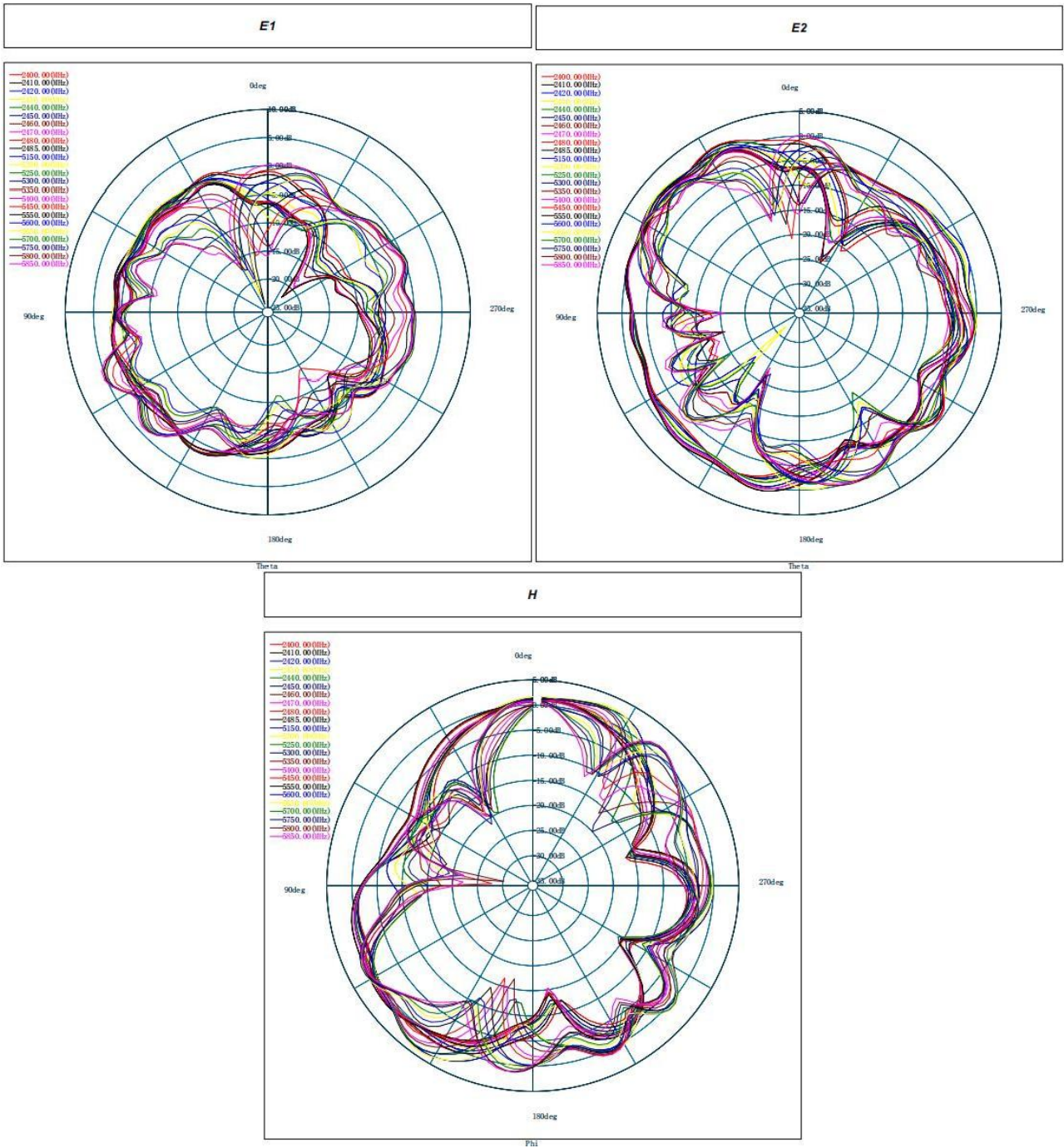
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2-3 2D/3D Radiation Pattern Results



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2-4 Environment treatment



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3.Environment Characteristic

NO.	ITEM	TEST CONDITION	SPECIFICATION
4-1	High Temperature/Humidity Storage Test(non operating)	1.Temperature: $+70 \pm 2^{\circ}\text{C}$ 2.Humidity: 90~95%RH 3.Time: 48hrs	No material deformation is allowed.
4-2	Low Temperature/Humidity Storage Test(non operating)	1.Temperature: $-30 \pm 2^{\circ}\text{C}$ 2.Humidity: 0%RH 3.Time:48hrs	The VSWR, Gain, Radiation Pattern must be met specifications after these test.