

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER	Hesung Innovation Limited
CS P/N	HS-FPC002-104A
TEST MODEL	DR-HSH017 warm air blower
PART NAME	WIFI Antenna
FREQUENCY	2400~2500MHz
ZTX NO.	2.00000843
DATE	2024-04-10

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
		Changlin.Liu	Wanze.Zhang	



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ANTENNA SPECIFICATION

CUS P/N: HS-FPC002-104A_WIFI Antenna

Application Date: Apr, 10, 2024

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Revision history

Edition	Date	state
A0	2024-04-10	First edition

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ANTENNA SPECIFICATION

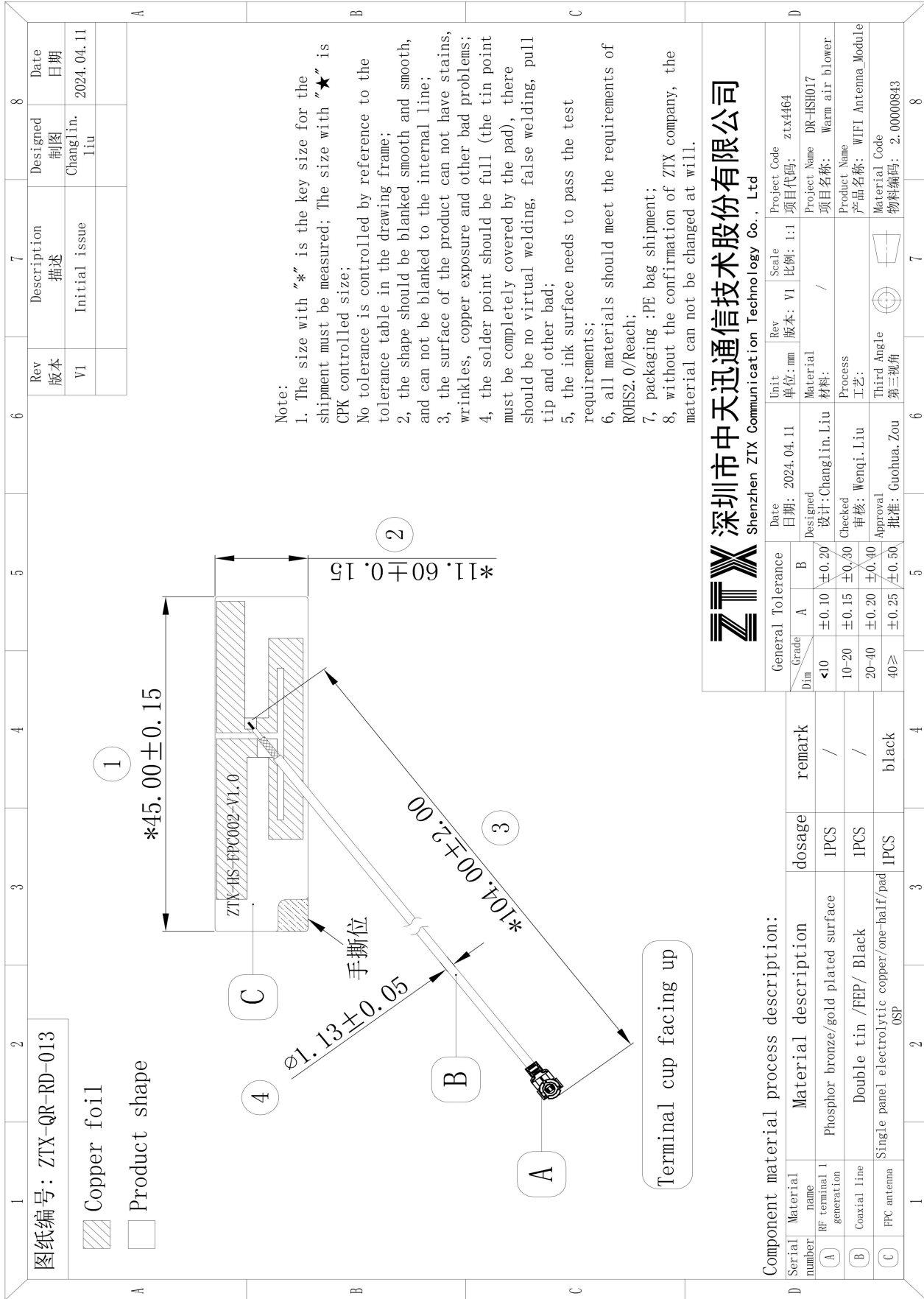
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1. Mechanical Specification

1-1 Mechanical Configuration (WIFI Antenna)



ZTX 深圳市中天迅通信技术股份有限公司
Shenzhen ZTX Communication Technology Co., Ltd

General Tolerance		Date	Unit	Rev	Scale	Project Code
Grade	Dim	日期	单位	版本	比例	项目代码
A	≤10	2024.04.11	mm	V1	1:1	ZTX464
B	10-20	设计: Changlin.Liu	Material			项目名称: DR-HSH017
	20-40	审核: Wenqi.Liu	Process			产品名称: Warm air blower
	40≥	批准: Guohua.Zou	Third Angle			物料名称: WIFI Antenna_Module
			第三视角			物料编码: 2.00000843

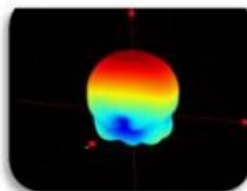
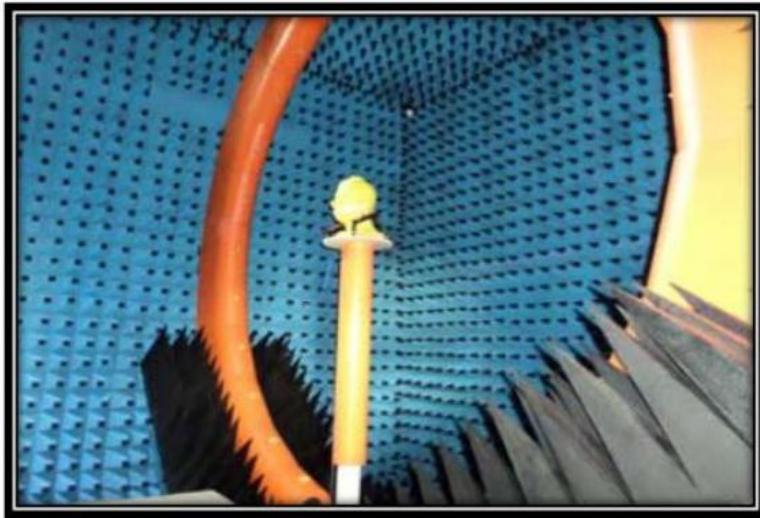
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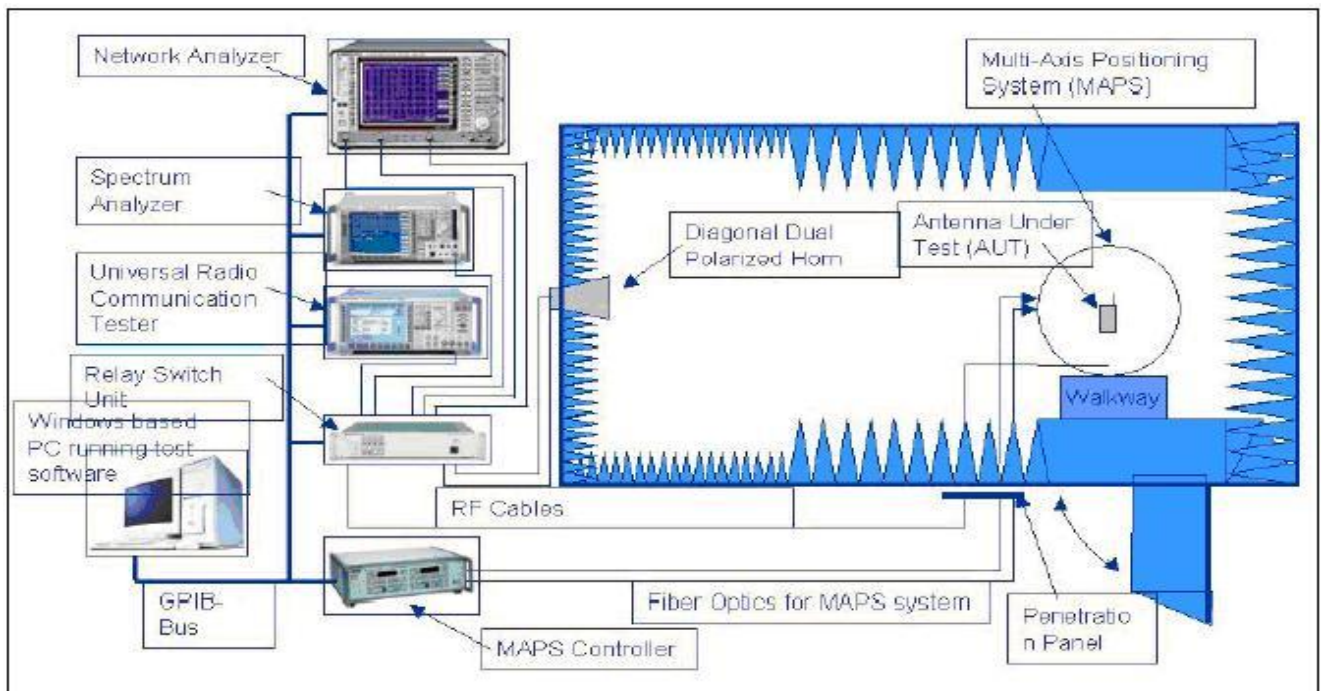
2. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CTIA standards.

Testing range:

Support active, passive testing of GSM/CDMA/WCDMA/TD-SCDMA/LTE/WIFI/WLAN/WiMax/BT/GPS/MIMO/UWB within 0.4-6G.



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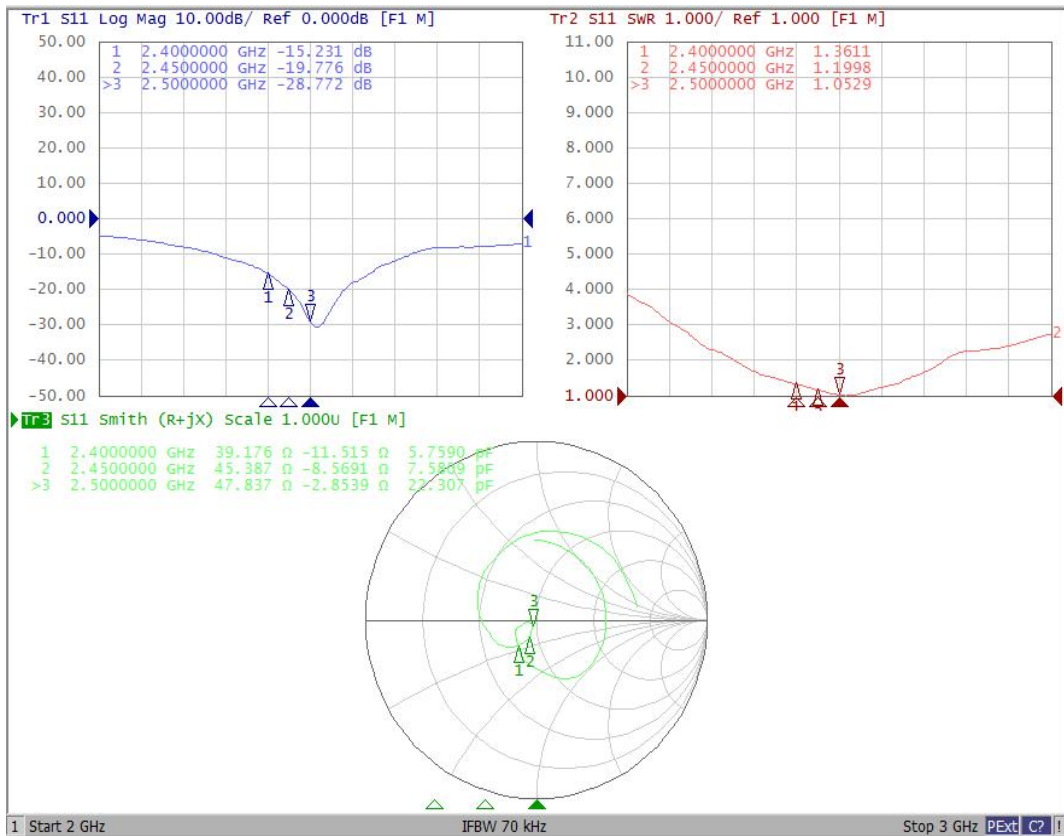
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3.Test Results Summary 3-1 Active Test

	Channels	TRP	TIS
11B	1	17.52	-83.35
	6	17.12	-83.37
	11	17.64	-83.52
11G	1	14.98	-72.83
	6	14.64	-71.80
	11	15.21	-70.68
11N	1	14.75	-68.67
	6	14.37	-67.86
	11	15.04	-66.54

3-2 VSWR & S11



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3-3 No-source test data

Frequency	Efficiency	Efficiency (dB)	Gain (dB)
2400MHz	62%	-1.74	4.17
2410MHz	64%	-1.63	4.33
2420MHz	63%	-1.68	4.12
2430MHz	62%	-1.72	3.99
2440MHz	62%	-1.74	3.88
2450MHz	62%	-1.74	3.90
2460MHz	64%	-1.62	4.05
2470MHz	62%	-1.74	3.96
2480MHz	62%	-1.74	3.80
2490MHz	62%	-1.77	3.55
2500MHz	61%	-1.78	3.51

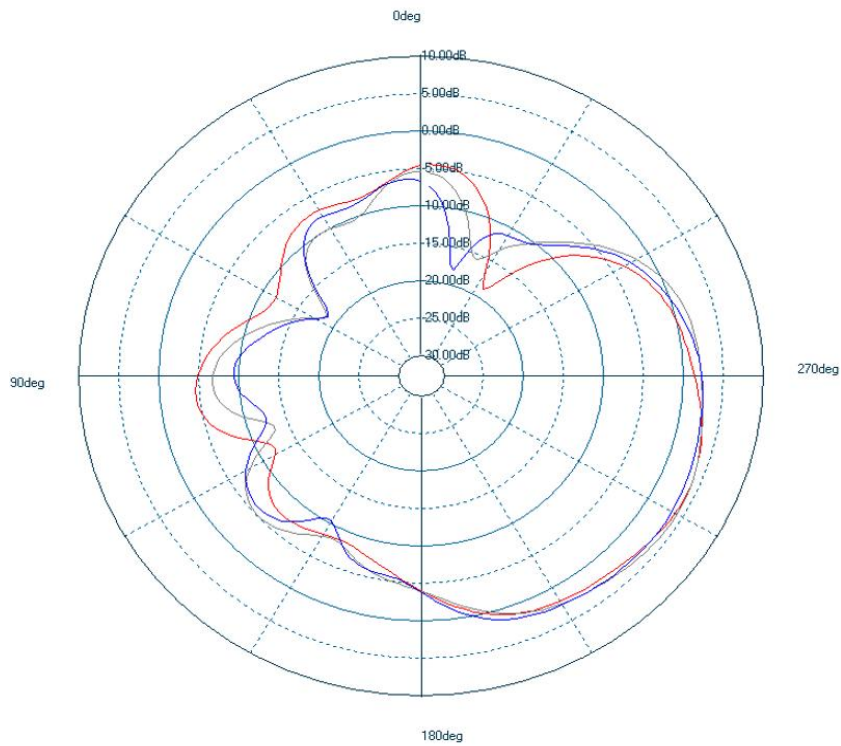
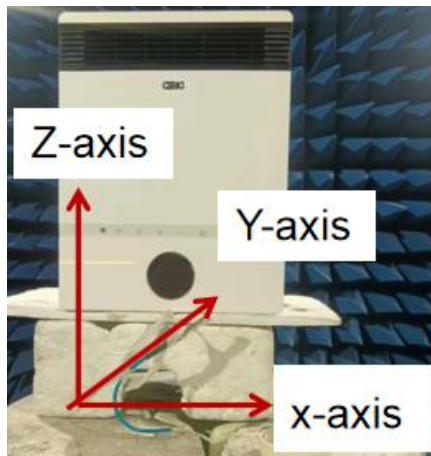
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3-4 2D/3D Radiation Pattern Results

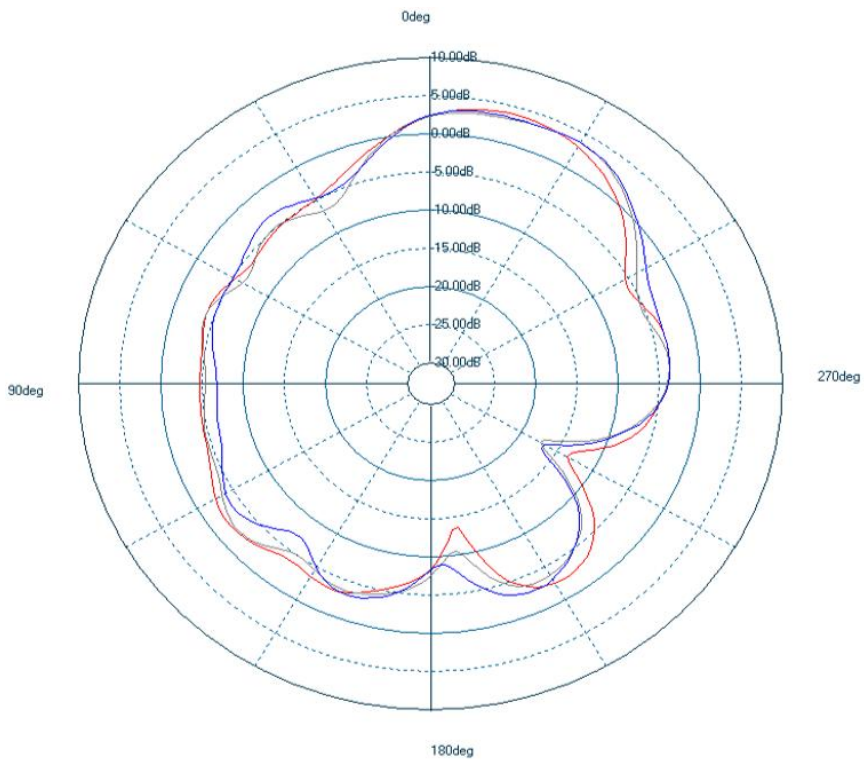
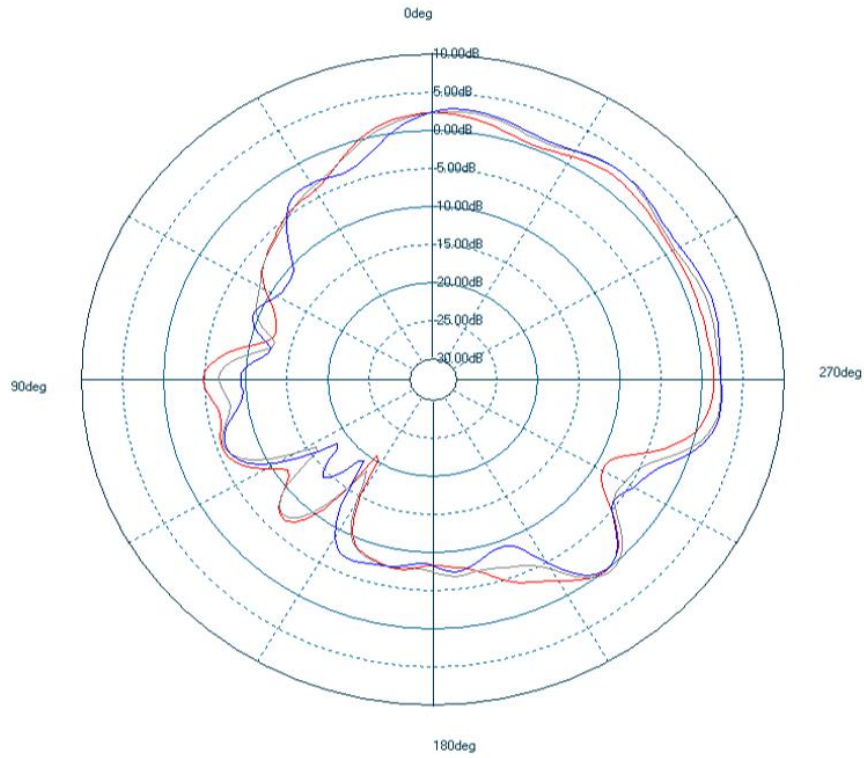


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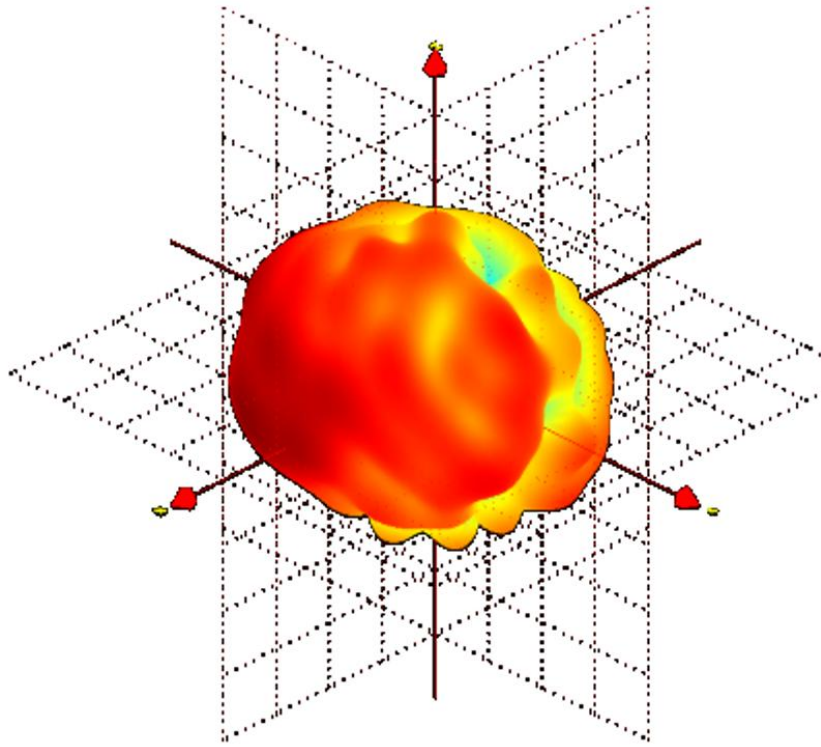


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3-5 Environmental treatment

