

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	云伽智能
CS P/N(客户机种)	P902
PART NAME(品名)	V207天线组件
FREQUENCY(频率)	2400~2500MHz
CUS NO.(物料编号)	
ZTX NO.(物料编号)	2.00000591
DATE(日期)	2023/10/17

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	ME CHECKED	RF CHECKED	LISTER
	刘黎平	古谨平	



Shenzhen ZTX Communication Technology Co., Ltd

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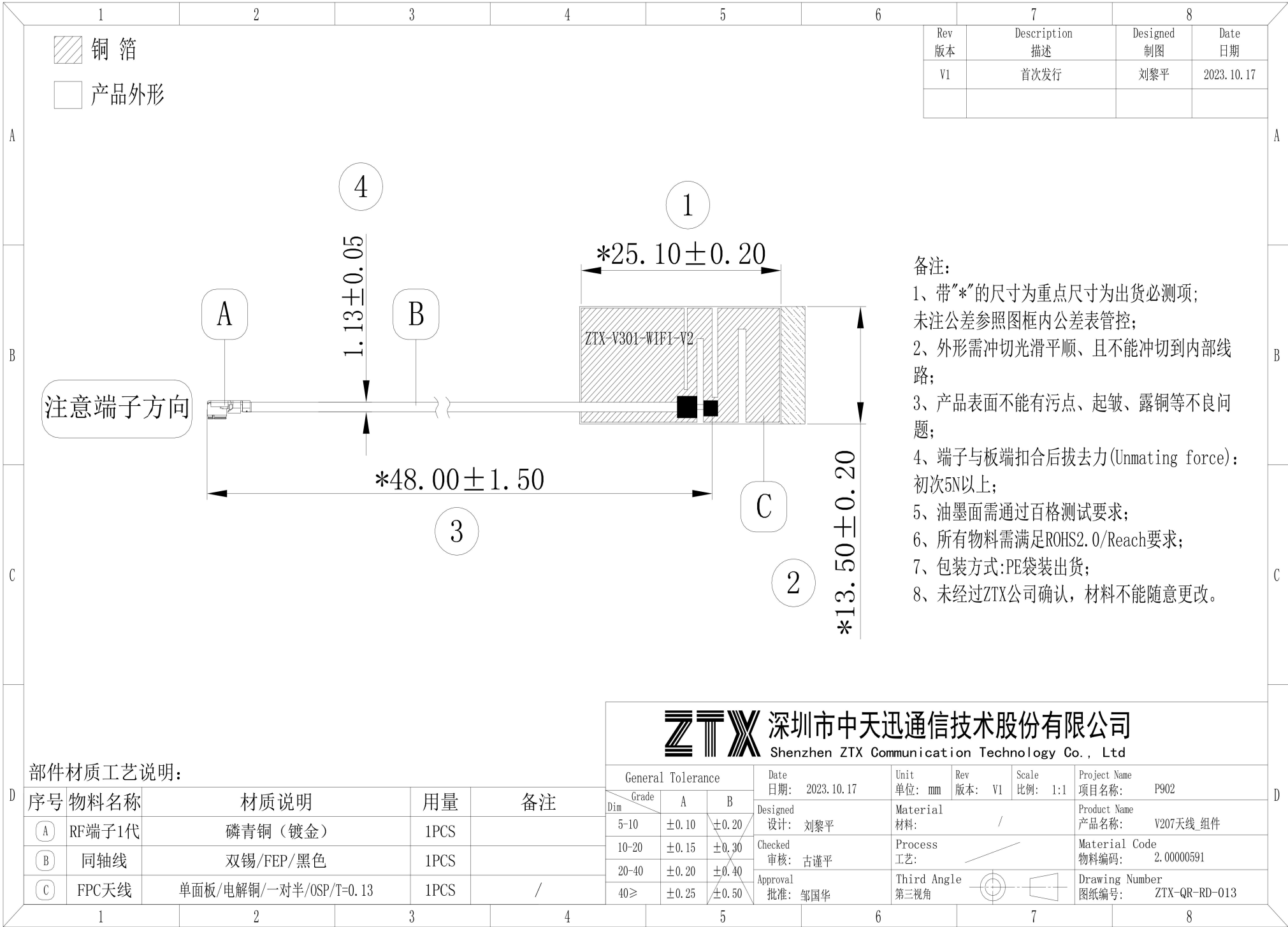
<http://www.chinaztx.com>

Revision history

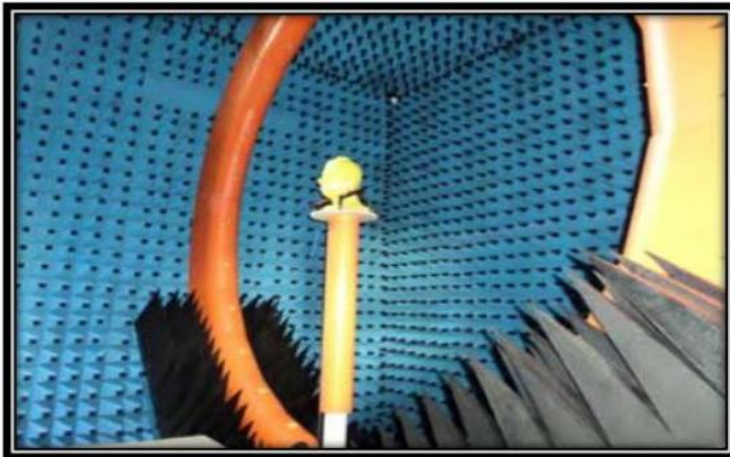
版本	日期	状态
A0	2023/10/17	初版

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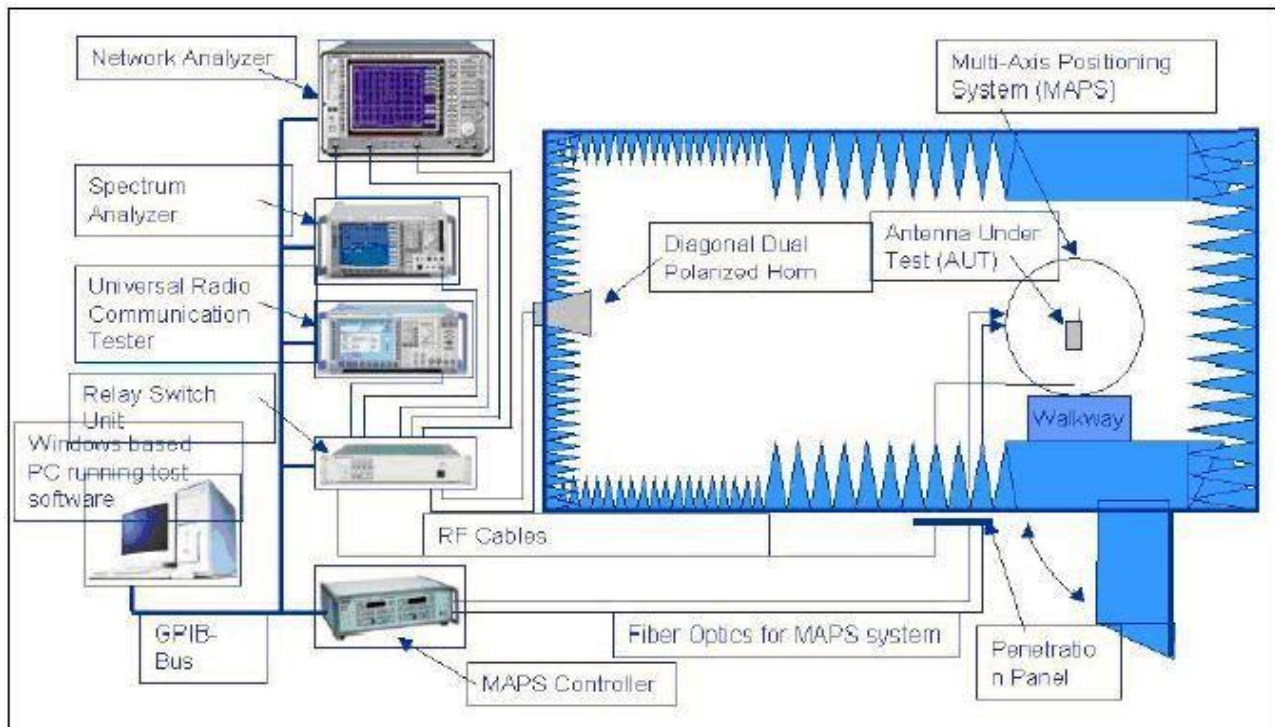
2. Test equipment



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.

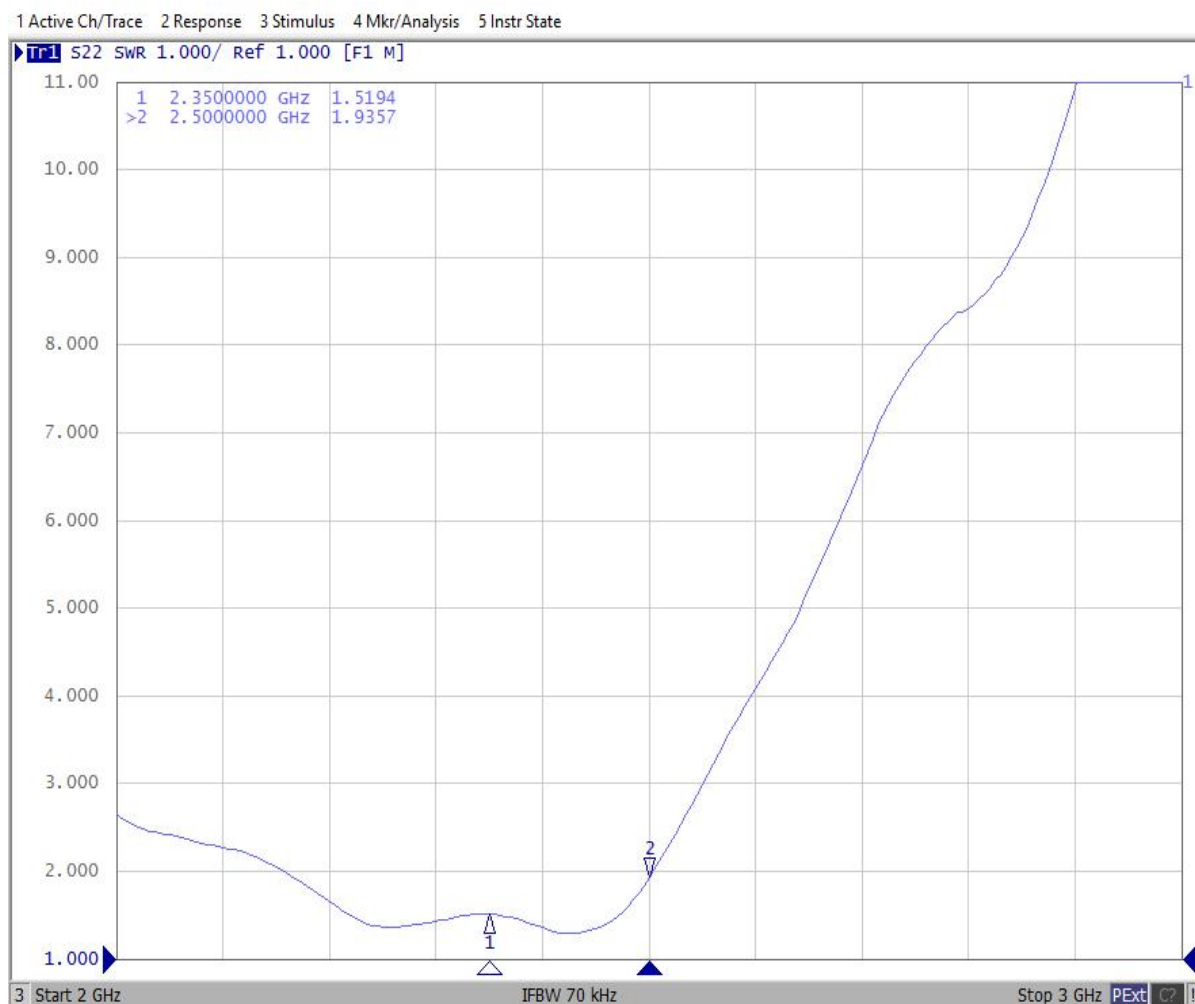
Testing range:

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



3. Test Results Summary

3-1 VSWR



3-2 Active test

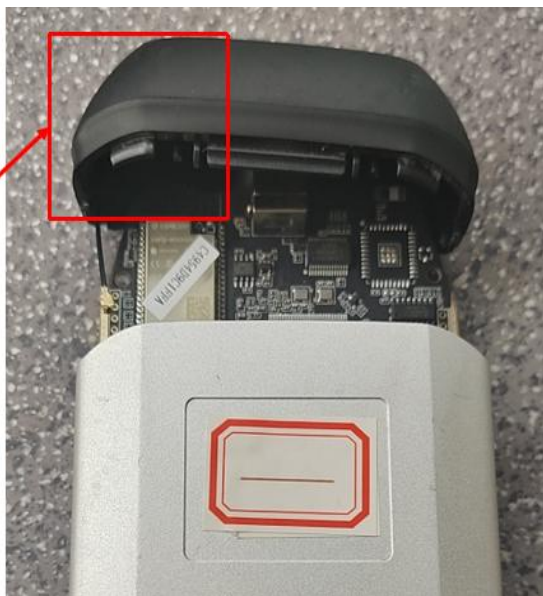
11B	Channels	TRP	TIS
	1	13.3	-80.51
	6	13.25	-80.29
	11	13.05	-80.45
11G	Channels	TRP	TIS
	1	13.01	-67.82
	6	13.27	-67.73
	11	13.11	-67.05

3-3 Passive test

Frequency	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400MHz	49%	-3.07	1.91
2410MHz	47%	-3.29	1.75
2420MHz	48%	-3.17	1.88
2430MHz	48%	-3.19	1.84
2440MHz	47%	-3.31	1.73
2450MHz	47%	-3.31	1.76
2460MHz	50%	-2.99	1.84
2470MHz	49%	-3.10	1.31
2480MHz	49%	-3.09	1.31
2490MHz	47%	-3.30	1.25
2500MHz	46%	-3.37	1.14

3-4 Environment treatment

天线位置



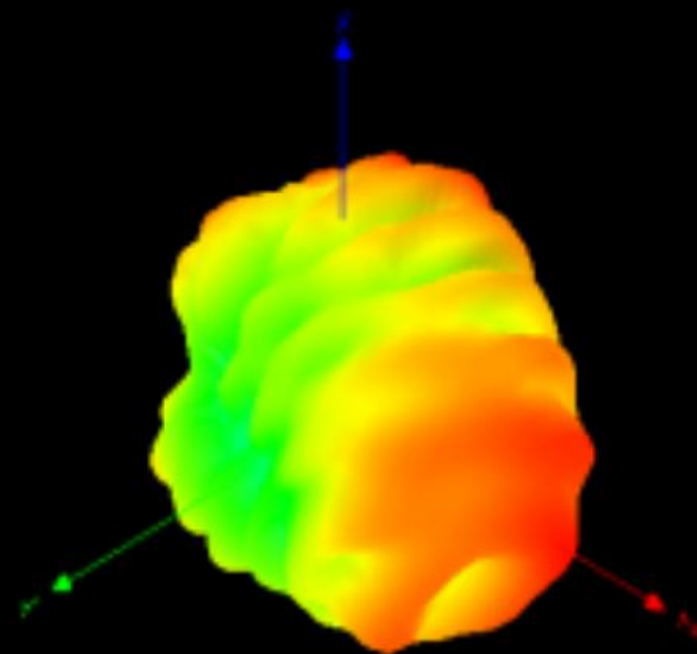
机器正面



机器反面



Freq: 2450MHz



2.65

0.37

-1.92

-4.20

-6.48

-8.77

-11.05

-13.34

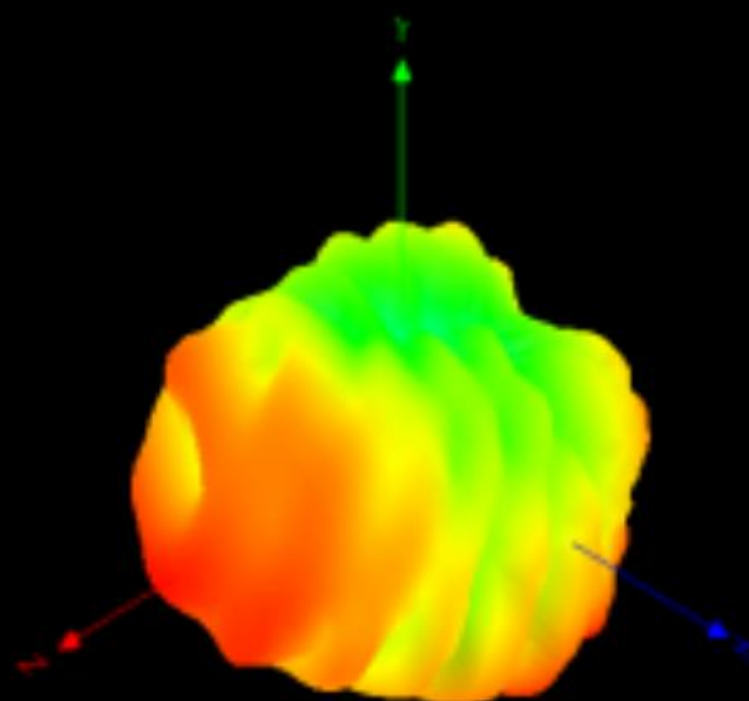
-15.62

-17.90

-20.19

-22.47

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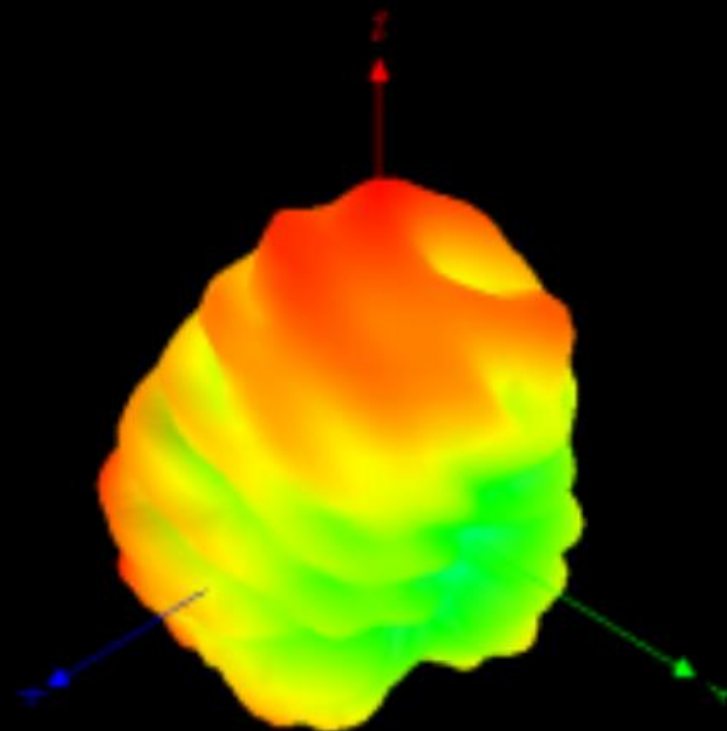
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