

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	Tonly	
CS P/N(客户机种)		
PART NAME(品名)	ZTX-AHC-Ant-3#天线组件	
MODEL NAME(型号名称)	ZTX-AHC-Ant-3#-V02	
FREQUENCY(频率)	5150~5975/6025~6975/7025~7125MHz	
CUS.P/N(客户料号)		
ZTX NO.(物料编号)	2.00001691	
DATE(日期)	2025-07-03	

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
		覃乐	韦进	



Shenzhen ZTX Communication Technology Co., Ltd

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ANTENNA SPECIFICATION

CUS P/N :

Application Date:Jul,03,2025

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Revision history

版本	日期	状态
A0	2025-07-03	初版

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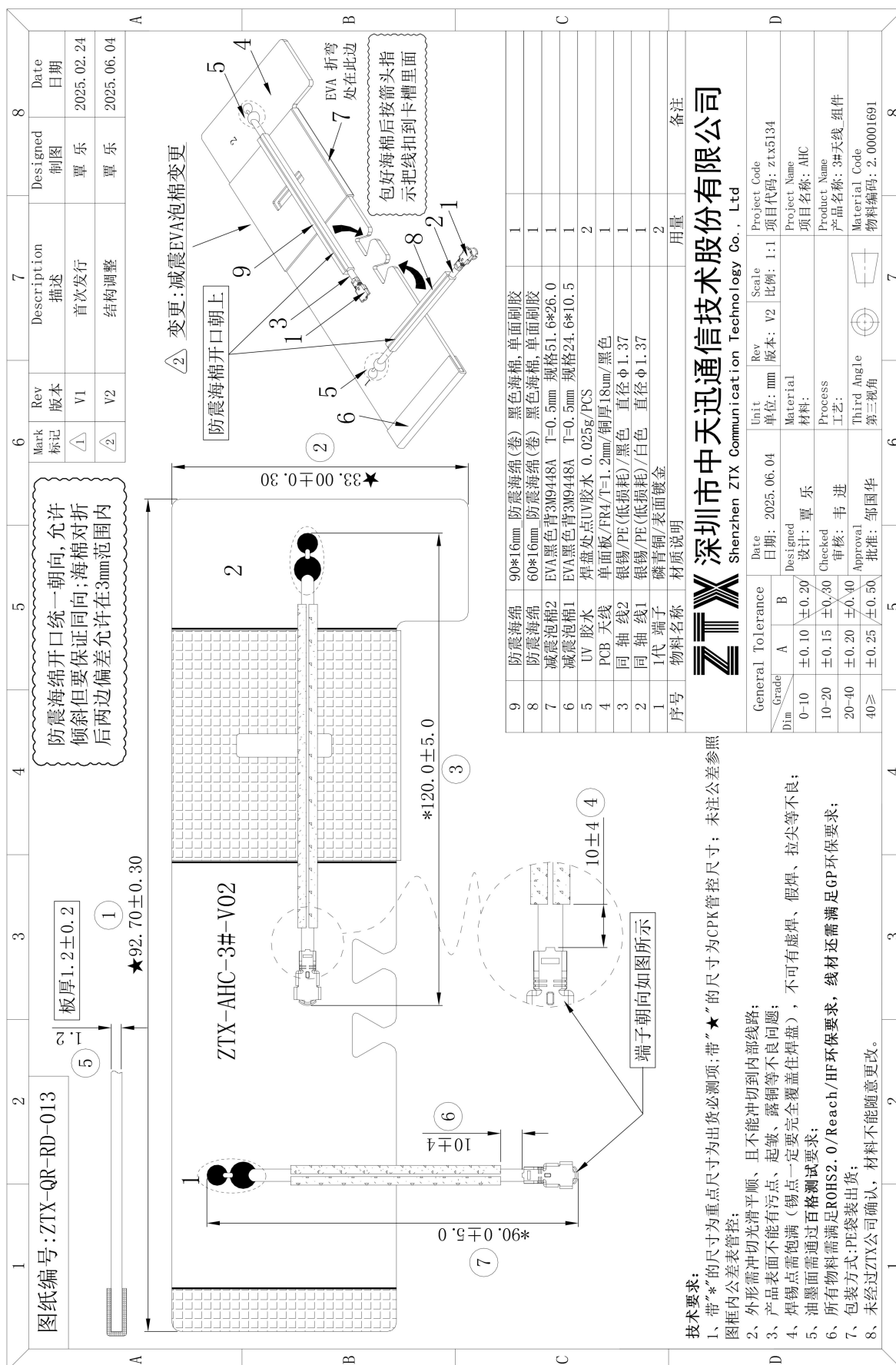
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1-1 Mechanical Configuration (3#天线组件)



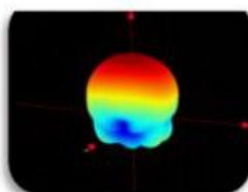
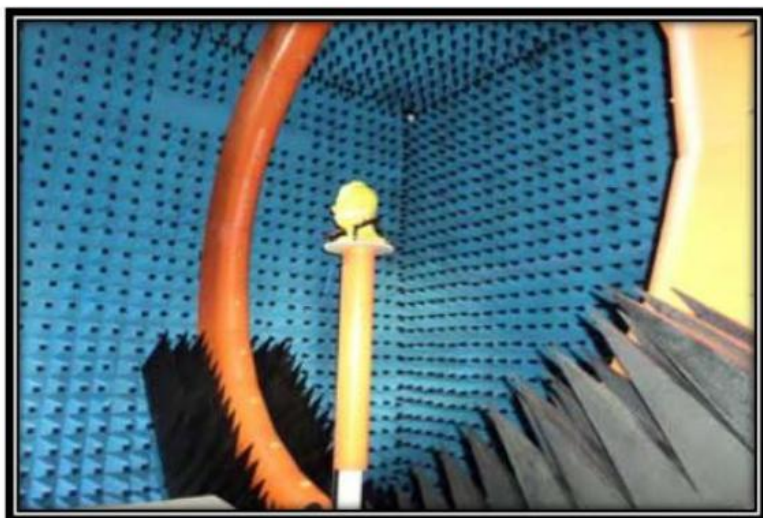
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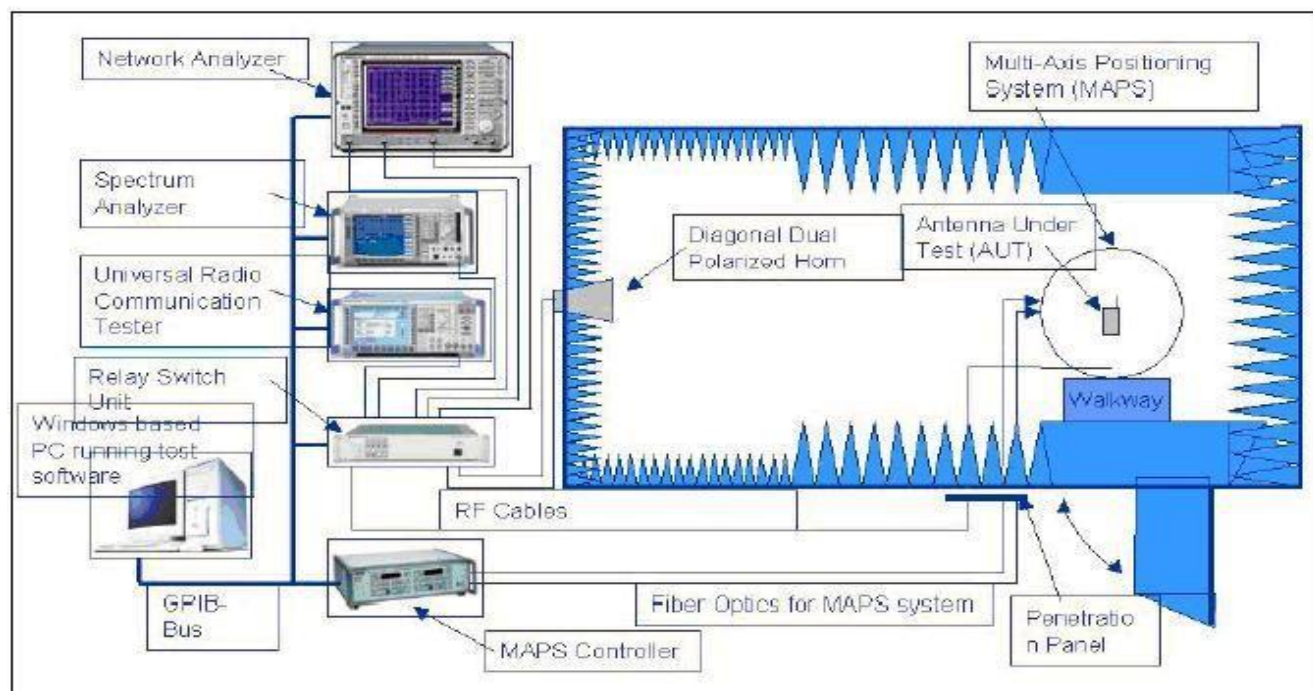
2.Test equipment



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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2-1 Passive Test

ANT3-1

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)	Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
5150	49%	-3.10	3.69	6175	48%	-3.19	3.42
5200	50%	-3.01	3.62	6225	47%	-3.28	3.48
5250	51%	-2.92	3.52	6275	46%	-3.37	3.49
5300	52%	-2.84	3.51	6325	46%	-3.37	3.66
5350	51%	-2.92	3.41	6375	47%	-3.28	3.72
5400	50%	-3.01	3.38	6425	47%	-3.28	4.02
5450	50%	-3.01	3.59	6475	46%	-3.37	4.08
5500	51%	-2.92	3.55	6525	48%	-3.19	4.03
5550	50%	-3.01	3.57	6575	46%	-3.37	4.11
5600	49%	-3.10	3.52	6625	46%	-3.37	4.06
5650	50%	-3.01	3.51	6675	45%	-3.47	3.85
5700	49%	-3.10	4.01	6725	46%	-3.37	3.33
5750	48%	-3.19	4.08	6775	47%	-3.28	3.71
5800	49%	-3.10	4.17	6825	46%	-3.37	3.56
5850	49%	-3.10	4.33	6875	48%	-3.19	3.71
5925	50%	-3.01	4.32	6925	47%	-3.28	3.99
5975	51%	-2.92	4.38	6975	48%	-3.19	4.29
6025	50%	-3.01	4.02	7025	48%	-3.19	4.28
6075	49%	-3.10	3.75	7075	49%	-3.10	4.48
6125	48%	-3.19	3.65	7125	49%	-3.10	4.42

ANT3-2

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)	Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
5150	52%	-2.84	4.36	6175	49%	-3.10	3.76
5200	52%	-2.84	4.38	6225	50%	-3.01	3.78
5250	51%	-2.92	4.37	6275	50%	-3.01	3.72
5300	52%	-2.84	4.46	6325	51%	-2.92	3.78
5350	53%	-2.76	4.44	6375	50%	-3.01	3.51
5400	52%	-2.84	4.31	6425	50%	-3.01	3.46
5450	51%	-2.92	4.21	6475	49%	-3.10	3.15
5500	52%	-2.84	4.46	6525	48%	-3.19	3.18
5550	51%	-2.92	4.18	6575	49%	-3.10	3.22
5600	50%	-3.01	3.99	6625	50%	-3.01	3.19
5650	51%	-2.92	3.26	6675	51%	-2.92	3.26
5700	49%	-3.10	3.21	6725	49%	-3.10	3.28
5750	49%	-3.10	3.09	6775	50%	-3.01	3.66
5800	48%	-3.19	3.42	6825	50%	-3.01	3.82
5850	48%	-3.19	3.48	6875	51%	-2.92	4.06
5925	47%	-3.28	3.26	6925	49%	-3.10	4.11
5975	48%	-3.19	4.42	6975	50%	-3.01	4.18
6025	47%	-3.28	4.28	7025	50%	-3.01	4.16
6075	48%	-3.19	4.31	7075	51%	-2.92	4.29
6125	48%	-3.19	4.01	7125	49%	-3.10	4.28

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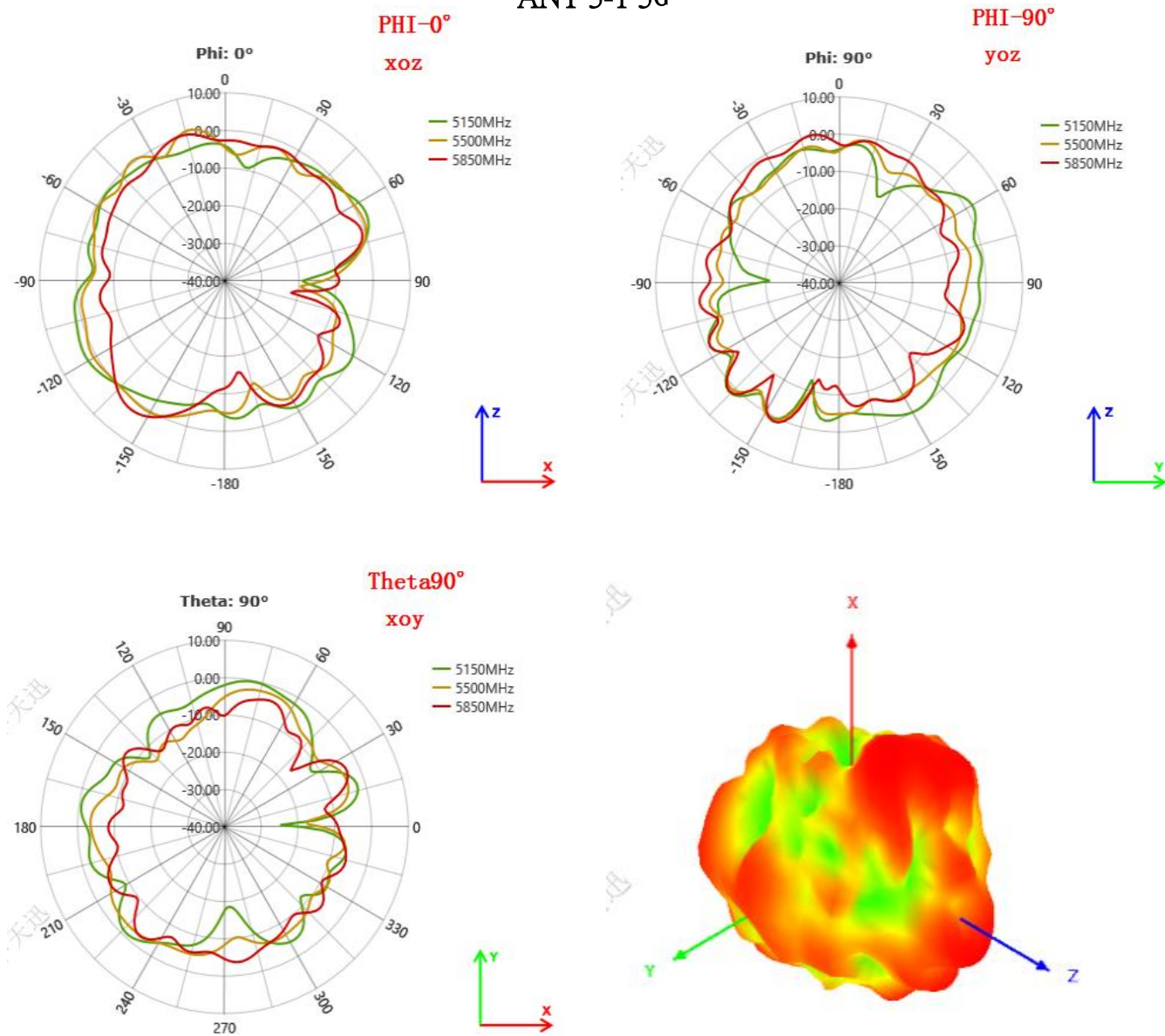
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2-4 2D/3D Radiation Pattern Results

ANT 3-1 5G



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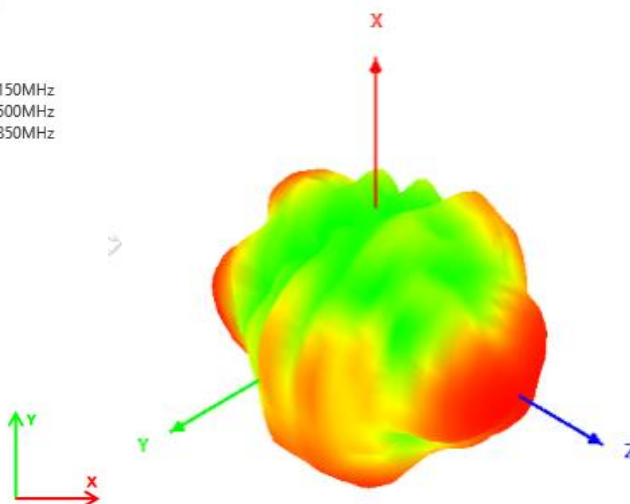
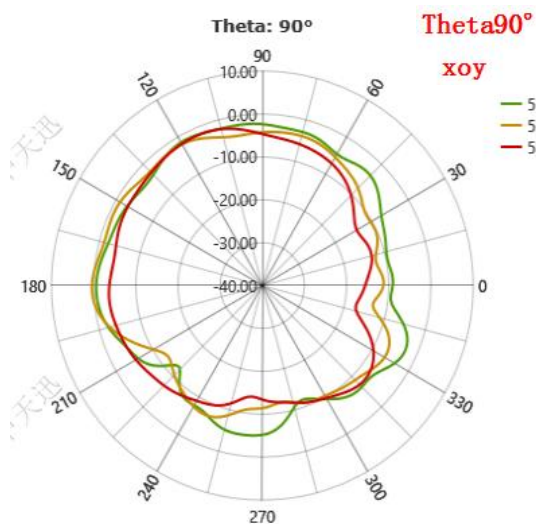
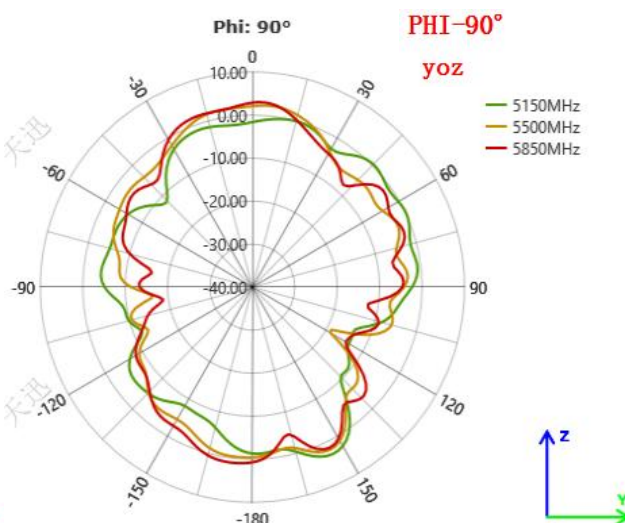
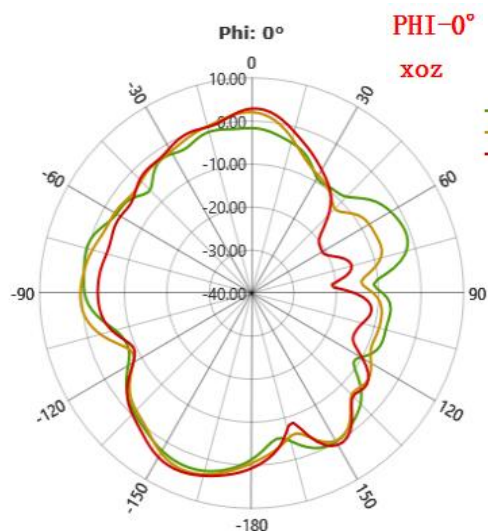
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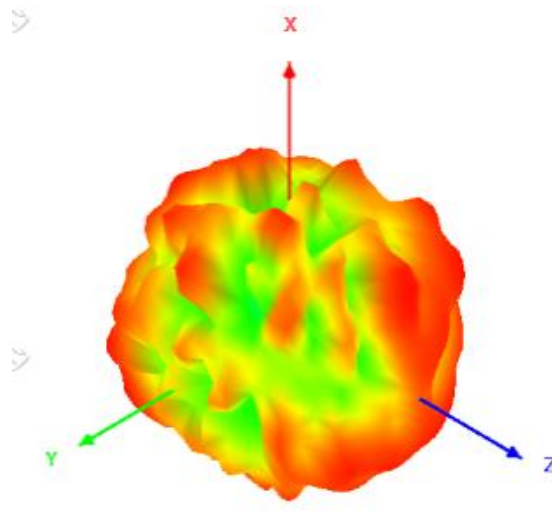
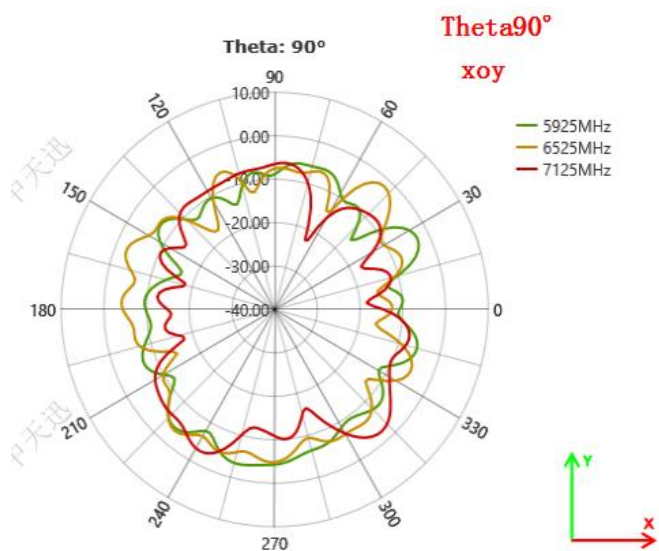
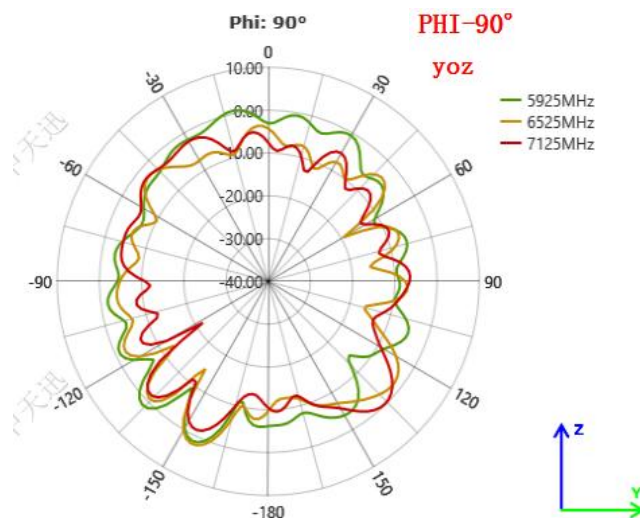
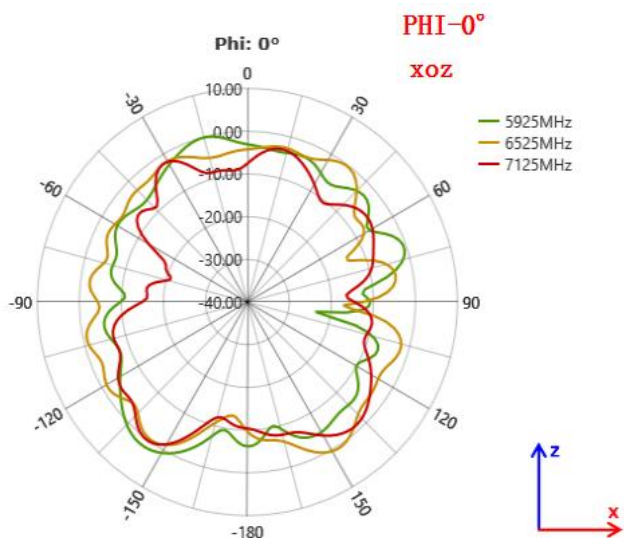
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