



深圳市安威无线科技有限公司

行业领先的一站式通信射频天线解决方案制造商

Shenzhen Anwei Wireless Technology Co., Ltd

L2408 (HW) Test Report

Anwei RF: WuXi

Mobile number: 13751118278

Address: 2nd Floor, Building 5, Hualian Industrial Park, Huaning Road, Dalang Street, Longhua District, Shenzhen

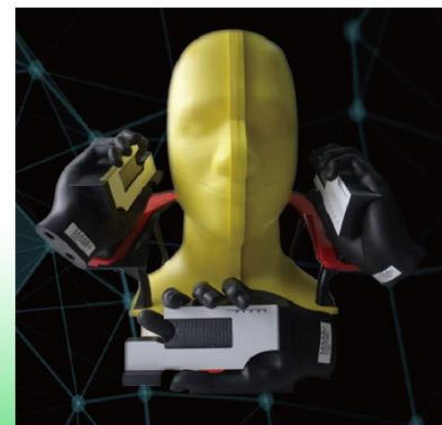
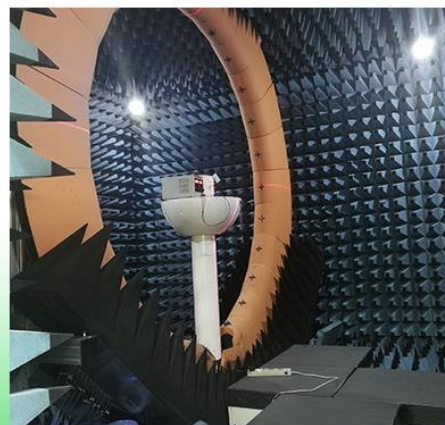
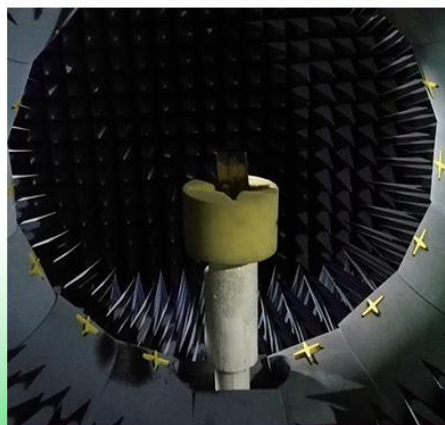
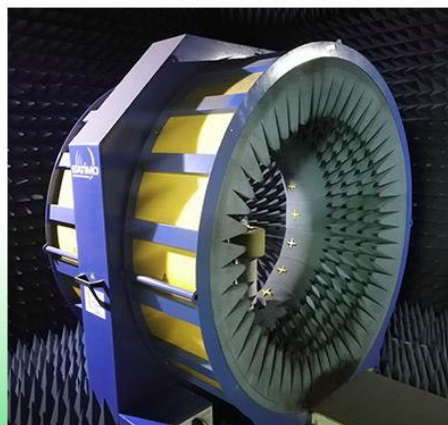
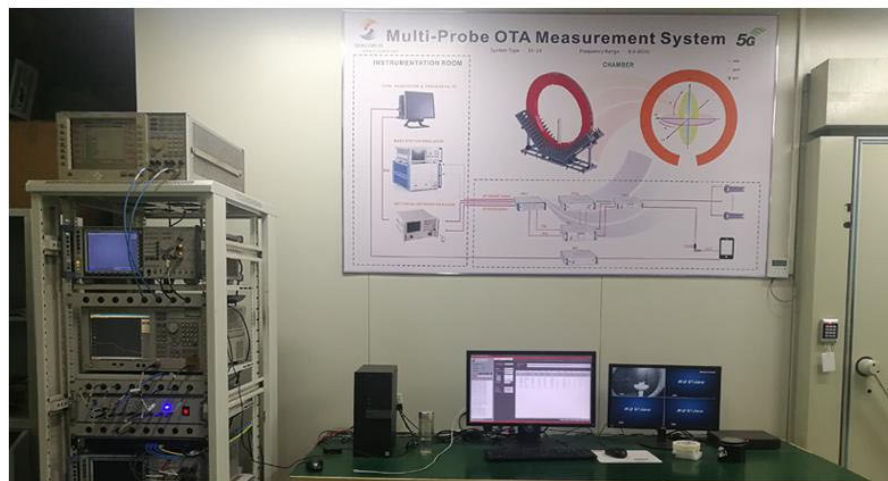
Time: 2025.9.16

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Project development environment



安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的产品以及技术服务！

“质量第一，服务至上”是安威一直以来的发展宗旨

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Main antenna test data (free)

Band	Channel	Total	TIS
TDD_B38	37850	17.78	
	38000	17.87	
	38150	17.08	-89.01
TDD_B39	38350	17.88	
	38450	17.46	
	38550	17.31	-90.31
TDD_B40	38750	17.49	
	39150	17.62	
	39550	17.26	-90.83
TDD_B41	40490	17.47	
	40620	17.23	
	40940	17.01	-89.08
FDD_B1	18050	17.49	
	18300	17.58	
	18550	17.67	-90.84
FDD_B2	18650	18.07	
	18900	18.16	
	19150	17.24	-90.42
FDD_B3	19250	17.26	
	19575	17.04	
	19900	18.45	-90.99
FDD_B4	20000	17.04	
	20175	17.37	
	20350	17.13	-90.7

Band	Channel	Total	TIS
FDD_B5	20450	15.09	
	20525	15.09	
	20600	16.08	-90.4
FDD_B7	20800	16.93	
	21100	17.32	
	21400	17.27	-90.9
FDD_B8	21500	17.38	
	21625	17.25	
	21750	17.51	-89.1
FDD_B20	24200	15.16	
	24300	16.27	
	24400	16.56	-88.0
FDD_B28	27260	11.16	
	27370	10.89	
	27469	10.36	-86.05
	27410	10.36	
	27510	11.45	
	27600	10.51	-86.5

Band	Channel	Total	TIS
WCDMA_B1	9612	17.04	
	9750	17.14	
	9888	16.55	-103.2
WCDMA_B8	2712	17.53	
	2787	17.24	
	2863	17.35	-102.1
GSM850	128	24.06	
	190	24.19	
	251	24.36	-102.5
GSM900	1	25.01	
	62	25.16	
	124	26.34	-102.04
DCS1800	512	24.14	
	698	25.52	
	885	25.31	-102.5
PCS1900	512	25.24	
	661	24.46	
	810	24.37	-102.2

GPS



WIFI

Band	Channel	Total	TIS
B_11M	1	11.50	-80.50
	6	11.16	-80.46
	11	11.46	-80.35
A_54M	36	8.28	-69.6
	64	9.07	-70.7
	165	8.16	-69.46

Band	Gain
TDD_B38	1.8
TDD_B39	1.3
TDD_B40	1.7
TDD_B41	1.9
FDD_B1	1.3
FDD_B2	1.3
FDD_B3	0.7

Band	Gain
FDD_B4	0.7
FDD_B5	-3.5
FDD_B7	1.9
FDD_B8	-2.3
FDD_B20	-1.5
FDD_B28	-6.3

Band	Gain
WCDMA_B1	1.3
WCDMA_B8	-2.3
WCDMA_B2	1.3
WCDMA_B5	-3.5
GSM850	-3.5
GSM900	-2.3
DCS1800	0.7
PCS1900	1.3

Band	Gain
GPS	1.5
2.4WIFI 2400-2500MHz	2.1
5GWIFI 5745-5825MHz	2.7
BT 2400-2500MHz	2.1
NFC* 13.56MHz	/

Note*:For NFC, We, Shenzhen Tianlong Century TechnologyDevelopment Co.,Ltd., states that All measurements were performed radiated and therefore additional antenna gain documentation is not required.

Antenna efficiency

main

Band	efficiency
TDD_B38	38%
TDD_B39	40%
TDD_B40	36%
TDD_B41	34%
FDD_B1	38%
FDD_B2	34%
FDD_B3	35%

main

Band	efficiency
FDD_B4	35%
FDD_B5	22%
FDD_B7	37%
FDD_B8	27%
FDD_B20	22%
FDD_B28	10%

main

Band	efficiency
WCDMA_B1	38%
WCDMA_B8	27%
GSM850	22%
GSM900	27%
DCS1800	35%
PCS1900	34%

Three in one antenna

Band	efficiency
GPS	35%
2.4WIFI	38%
5GWIFI	30%
BT	38%

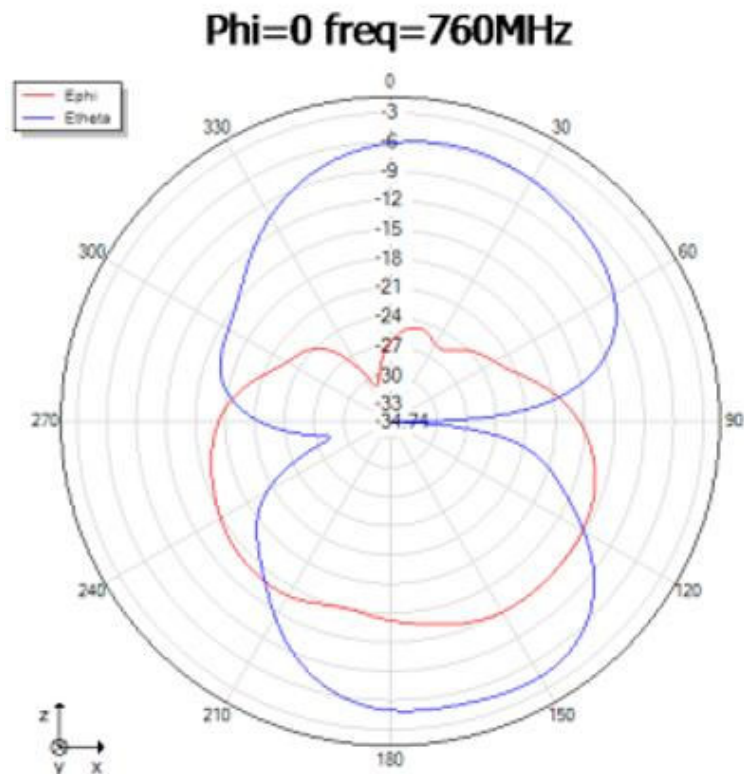
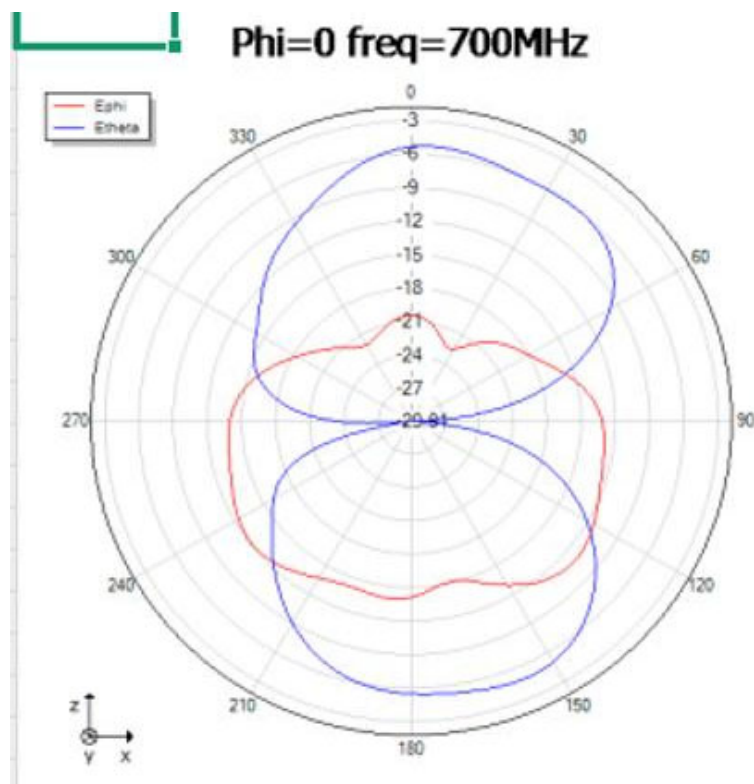
Diversity Antenna

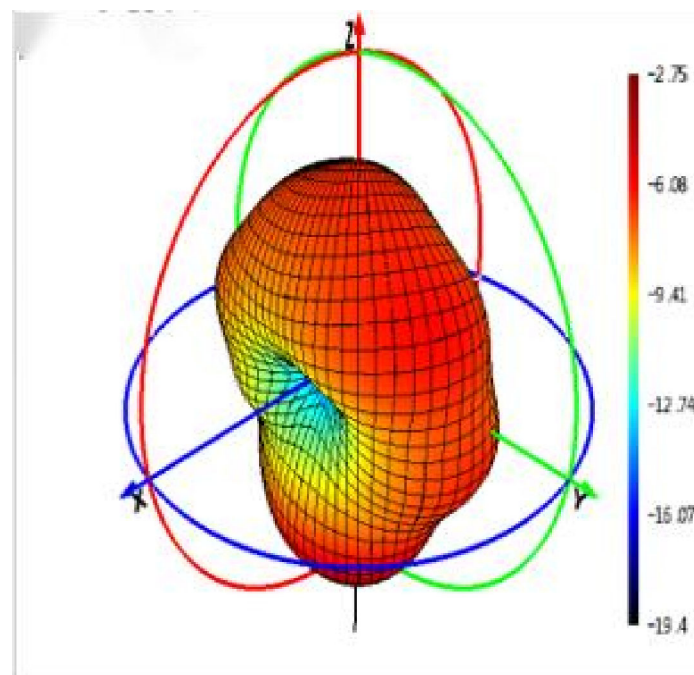
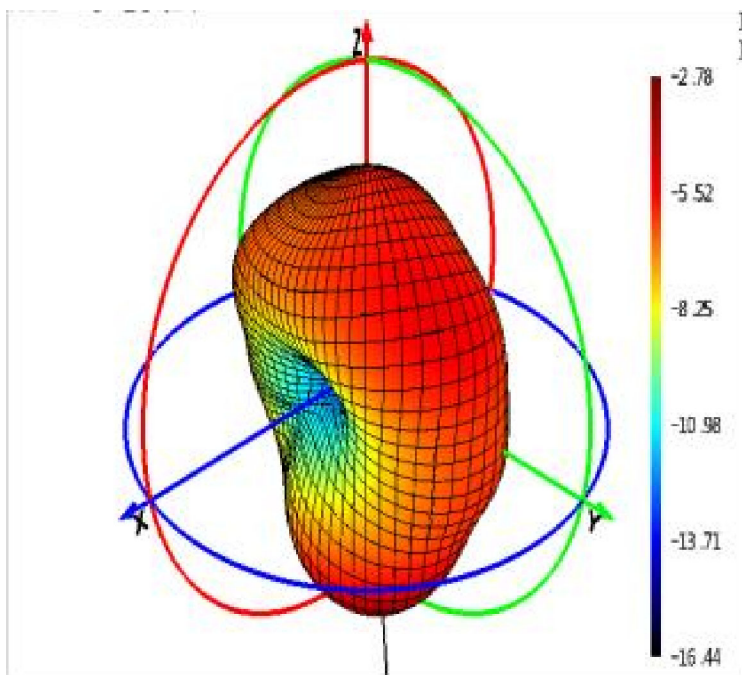
Band	efficiency
TDD_B38	21%
TDD_B39	24%
TDD_B40	12%
TDD_B41	22%
FDD_B1	25%
FDD_B2	21%
FDD_B3	20%

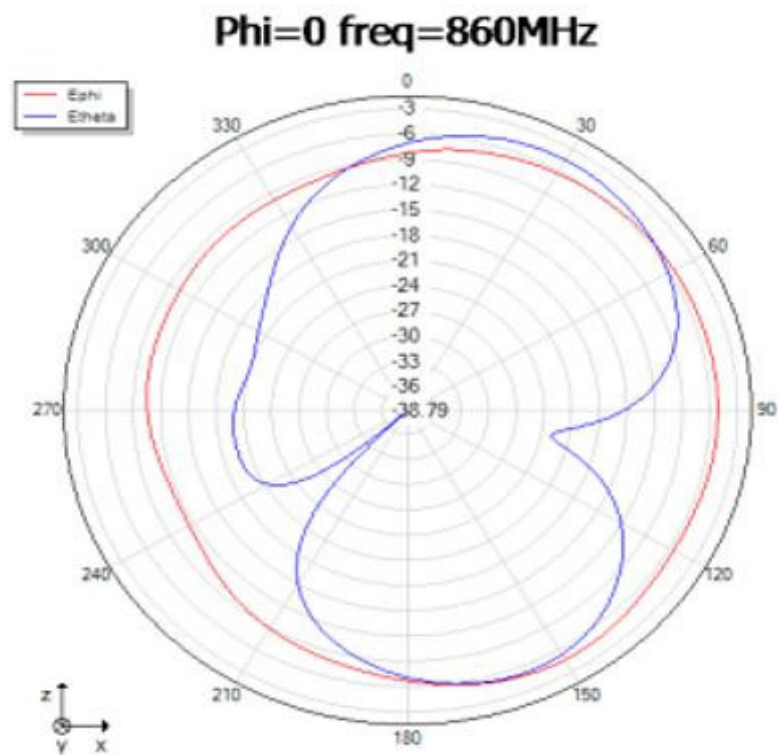
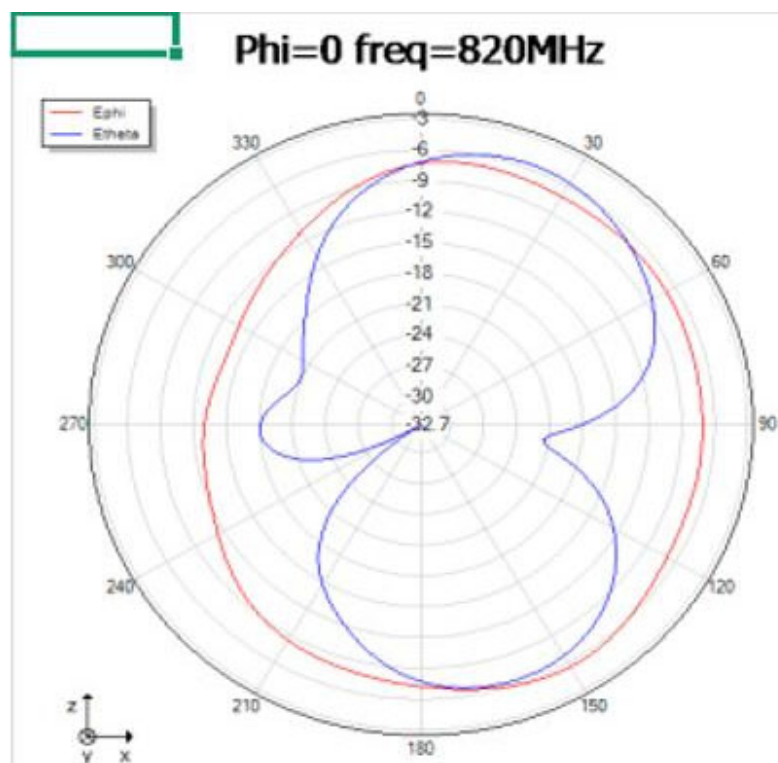
Band	efficiency
FDD_B4	20%
FDD_B5	3%
FDD_B7	21%
FDD_B8	4%
FDD_B20	3%
FDD_B28	3%

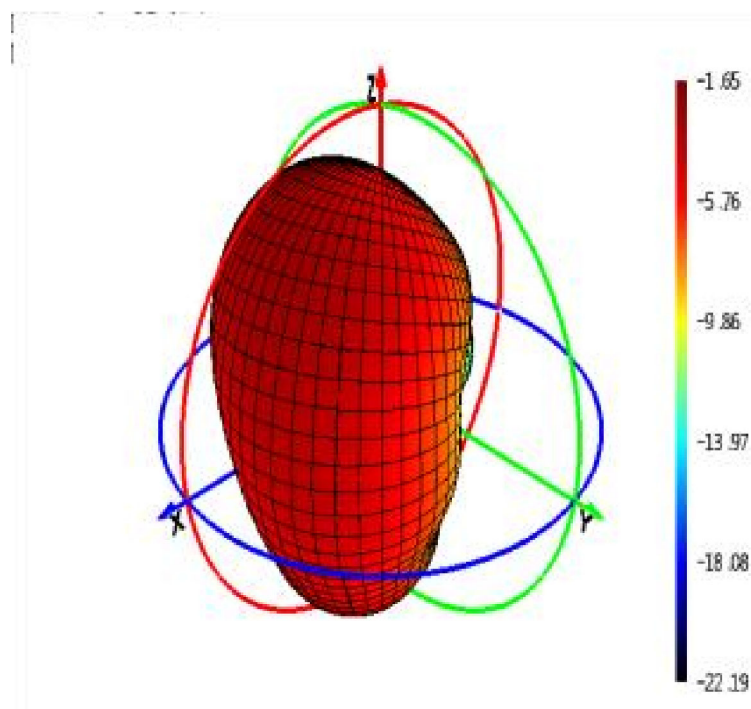
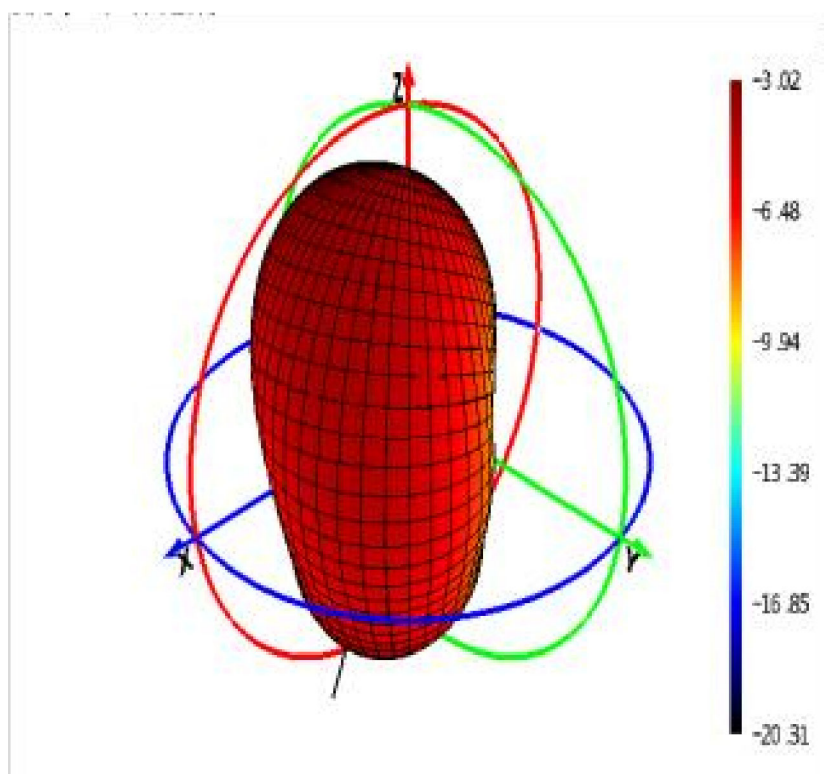
Band	efficiency
WCDMA_B1	25%
WCDMA_B8	4%
GSM850	3%
GSM900	4%
DCS1800	20%
PCS1900	21%

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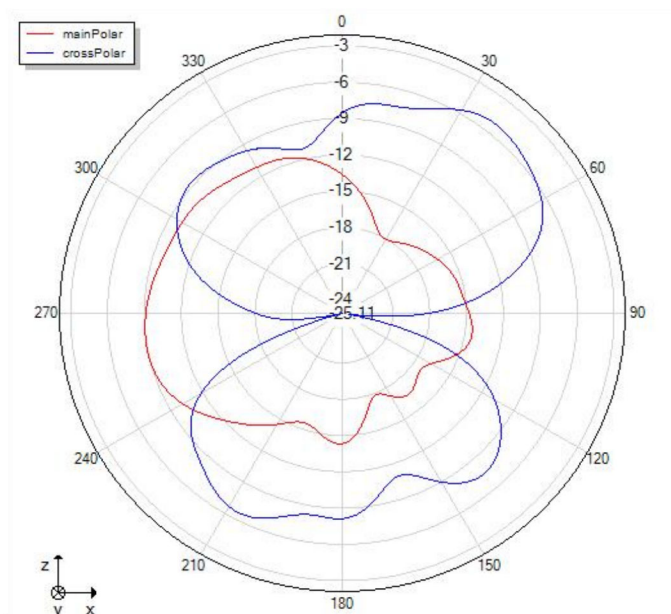




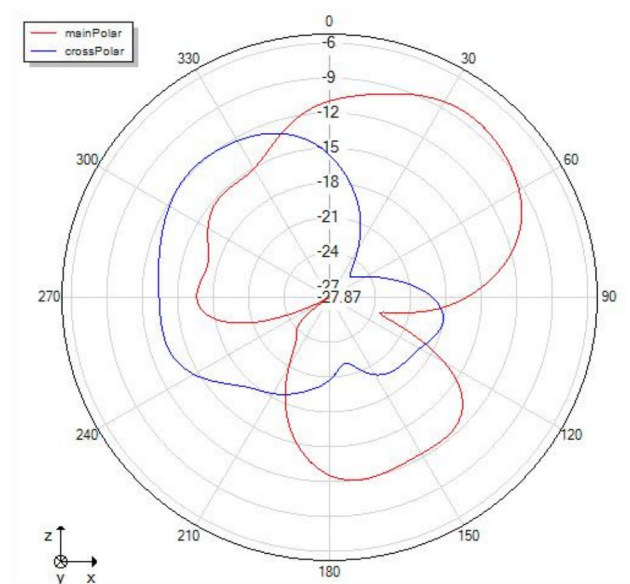


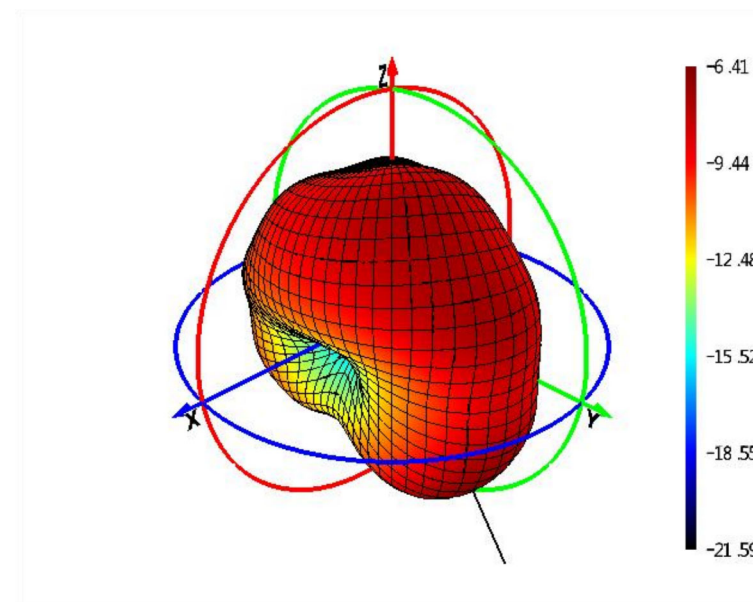
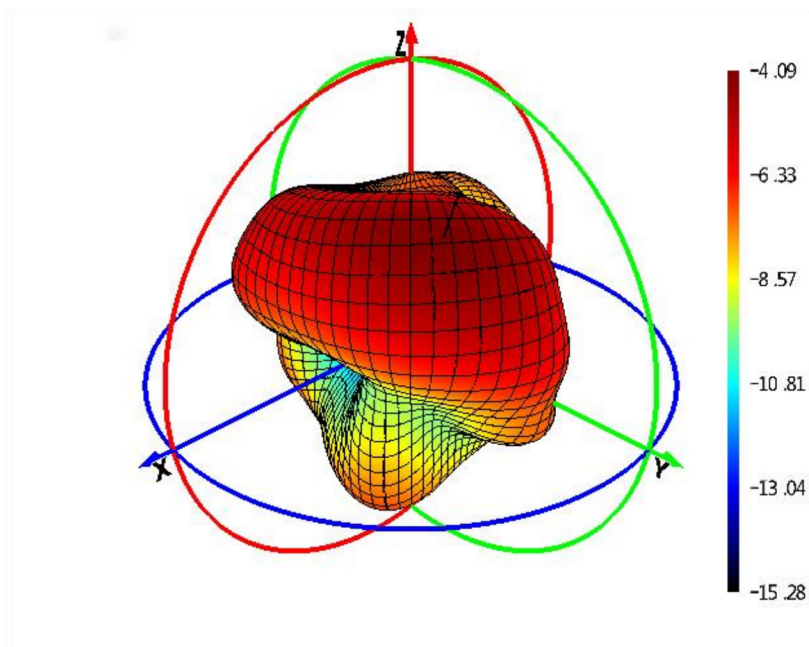


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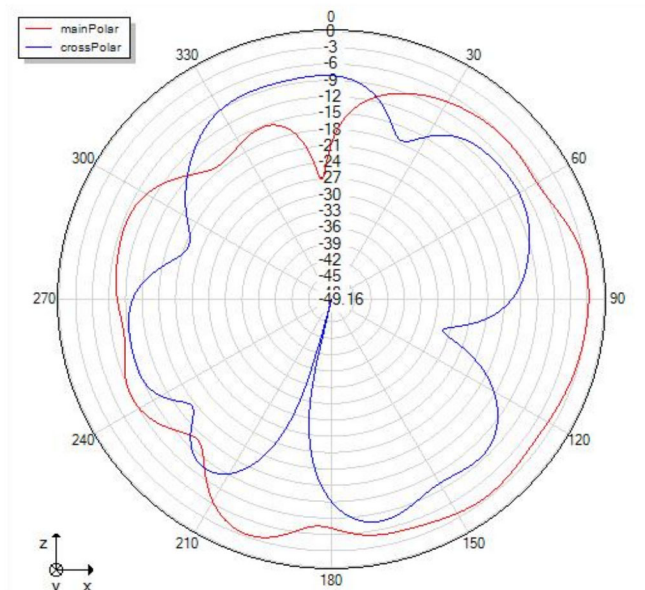


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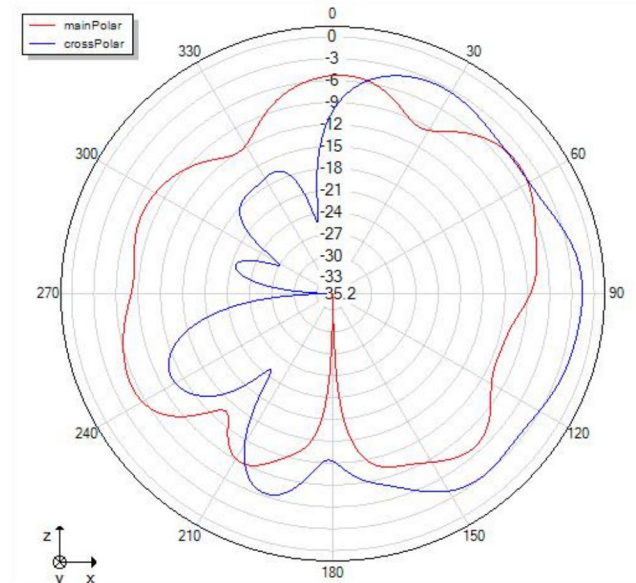


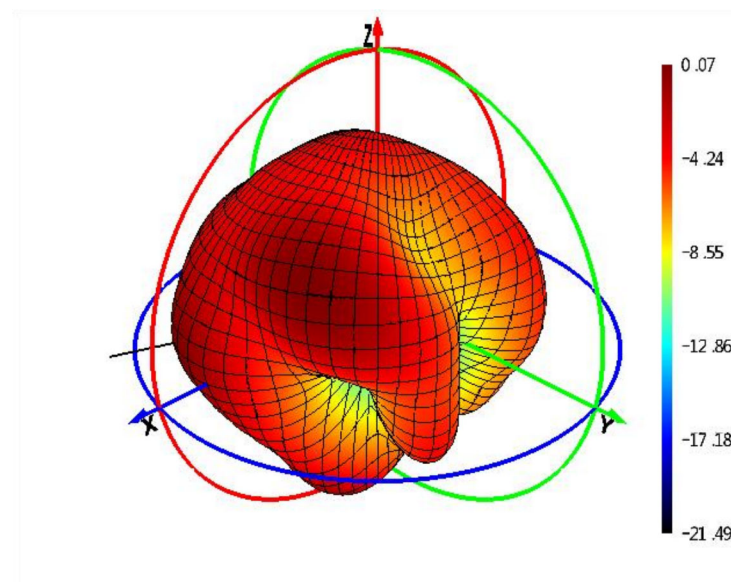
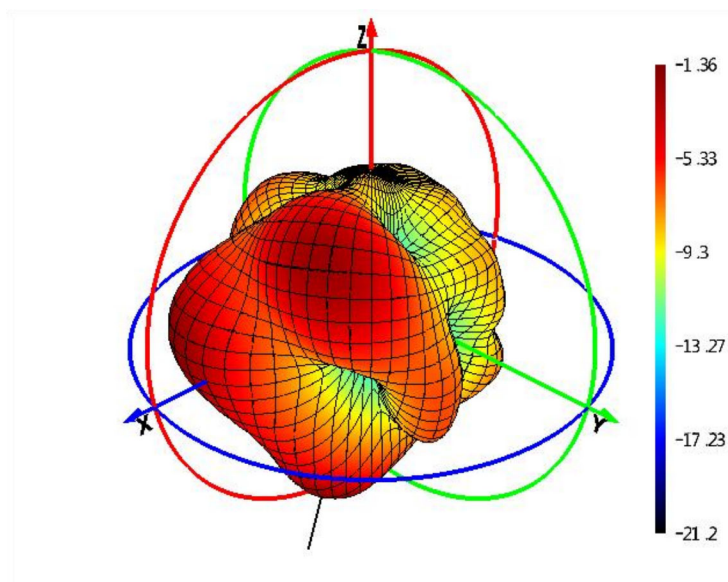


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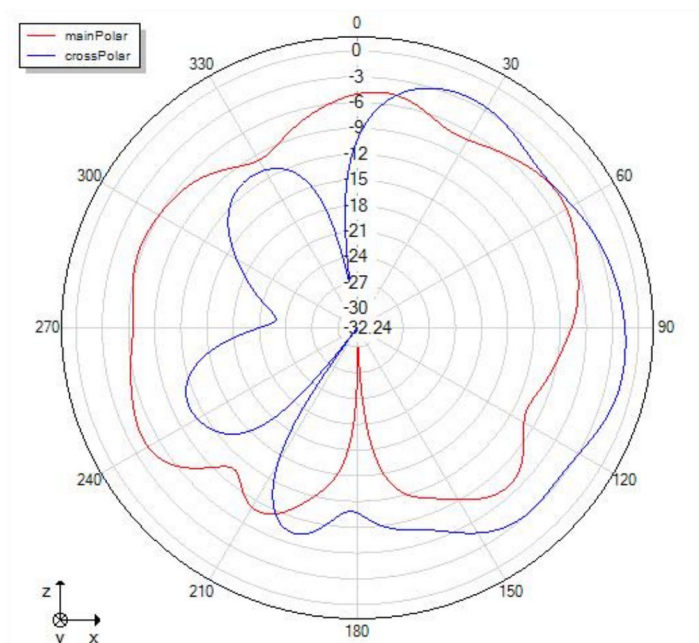


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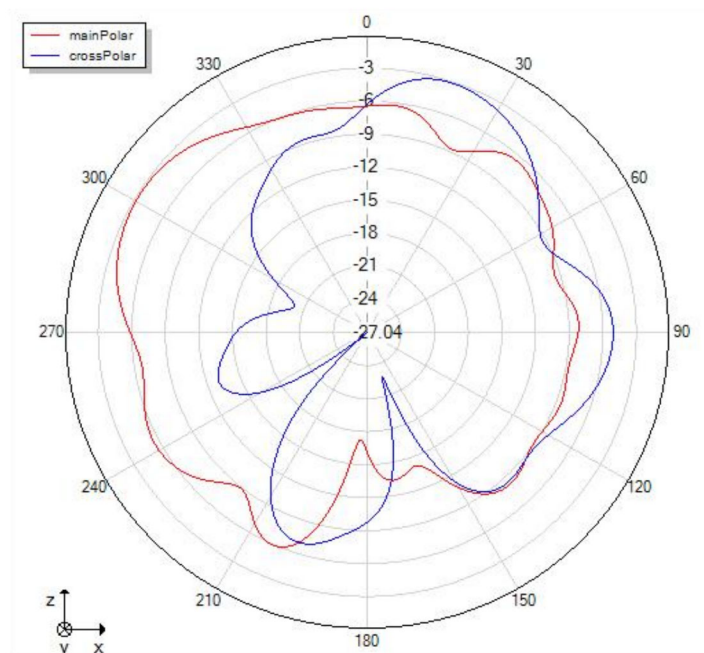


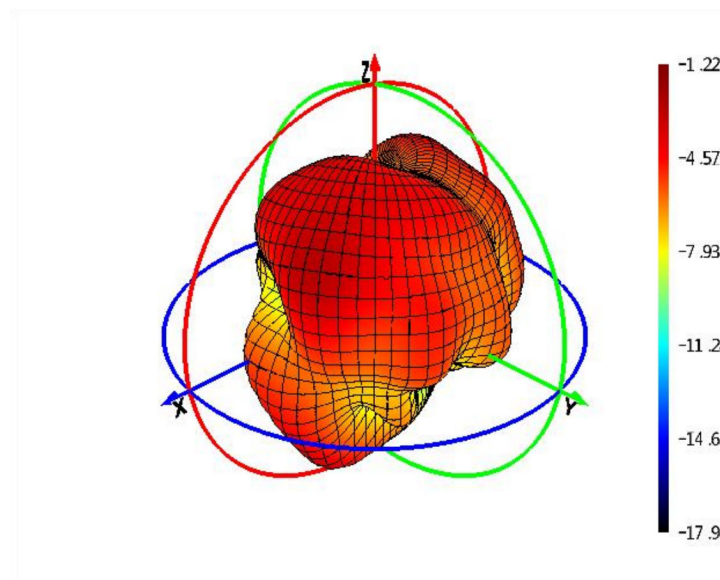
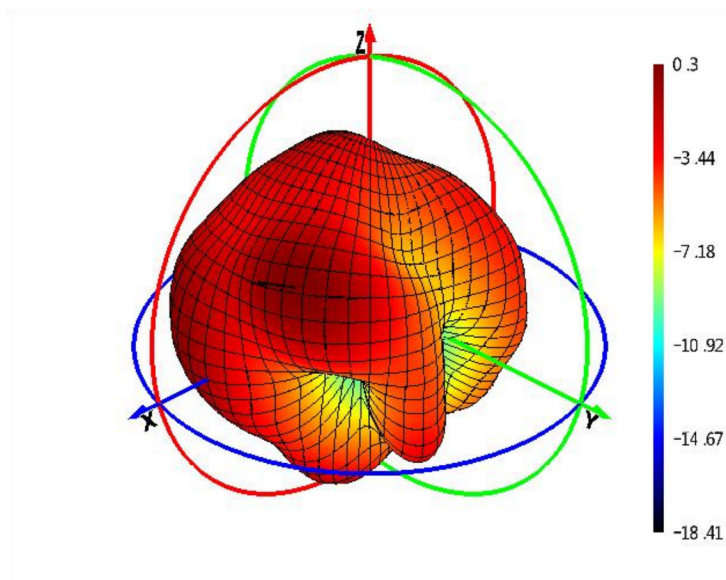


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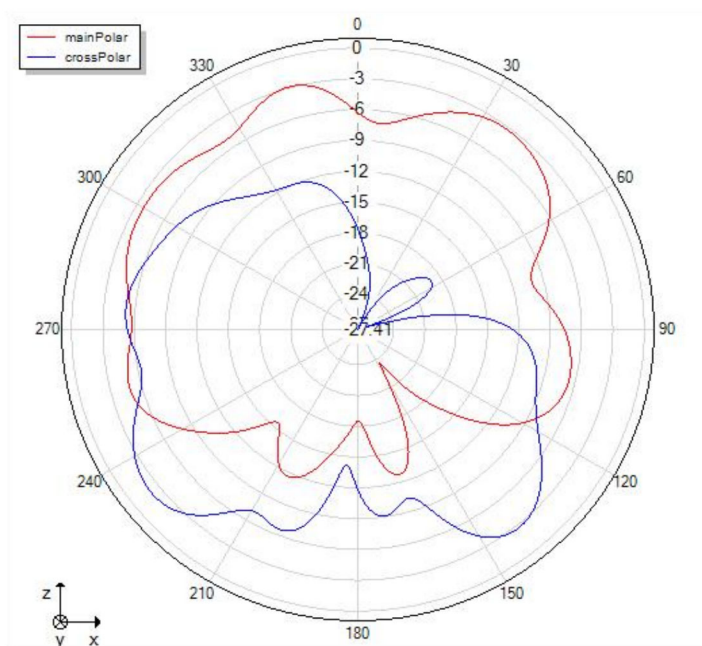


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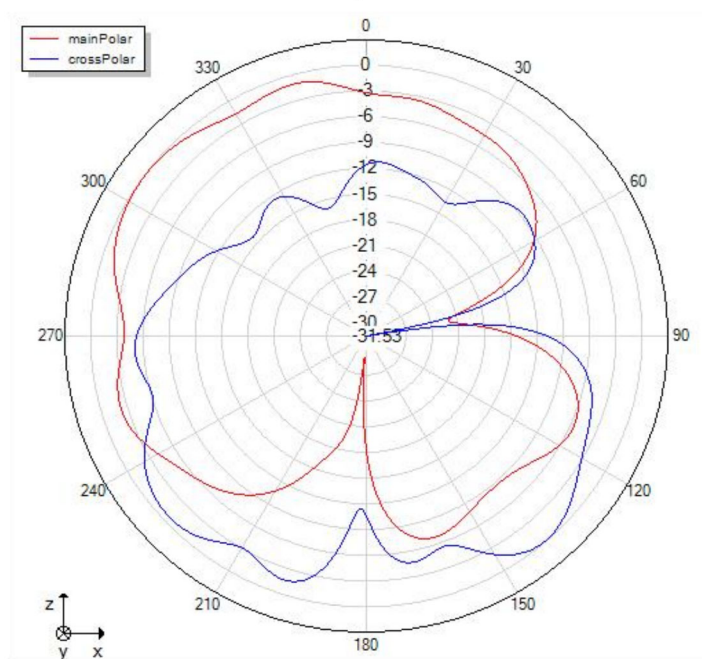


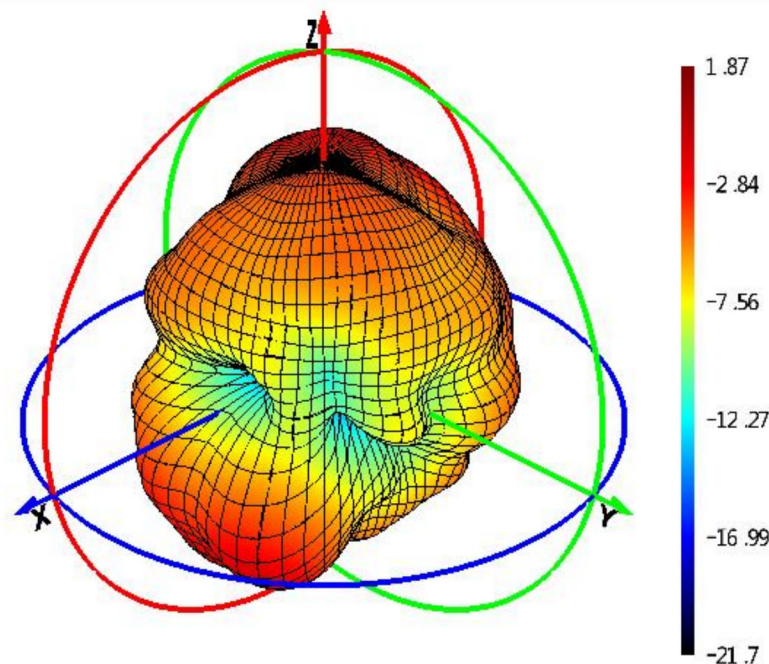
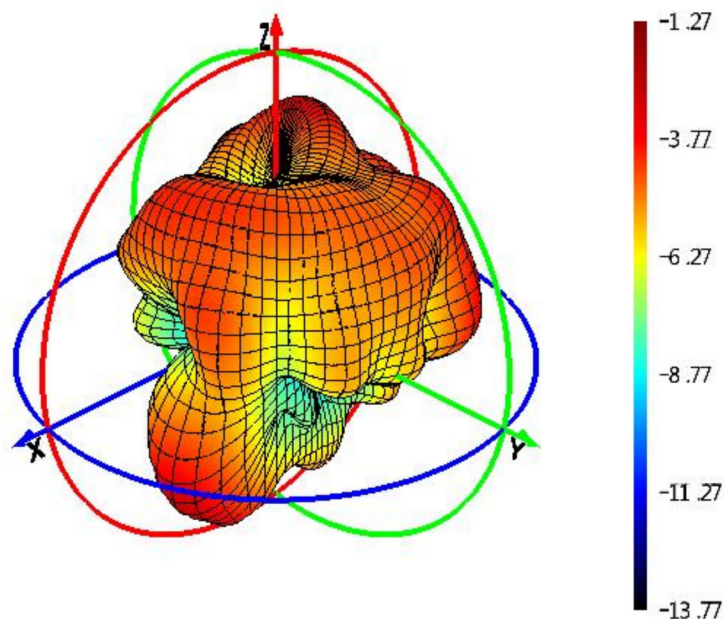


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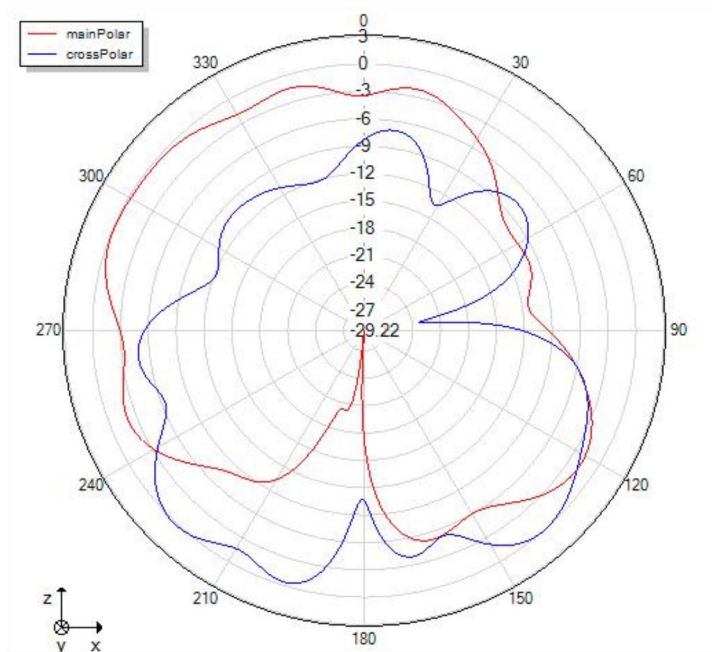


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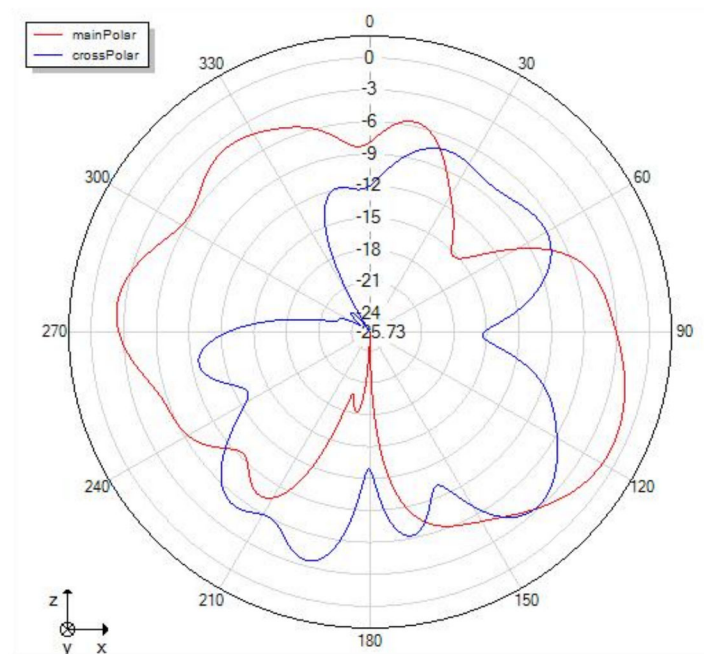


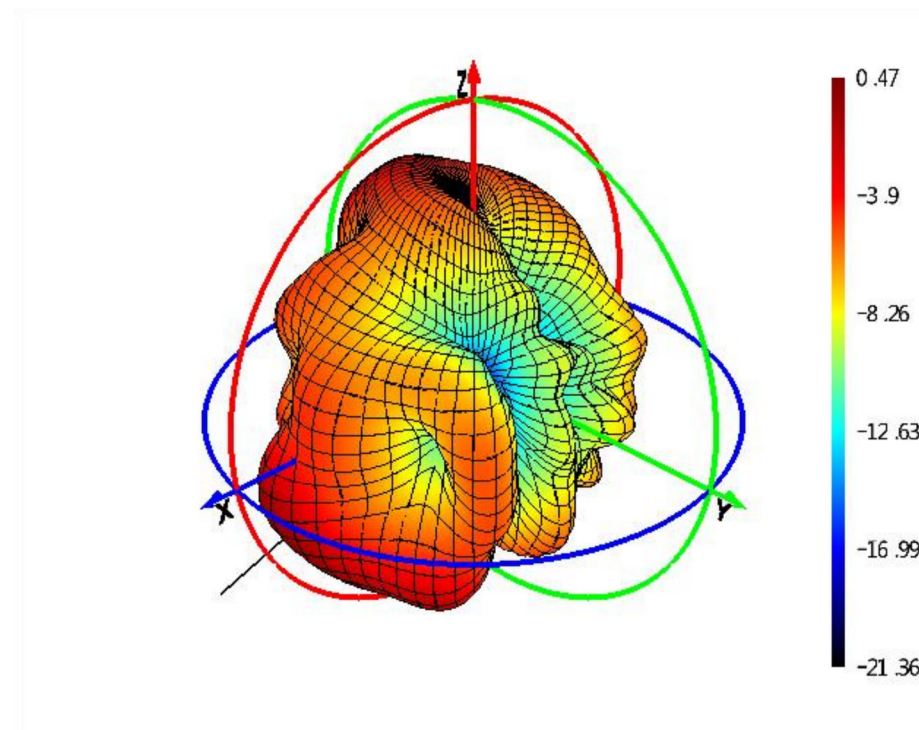
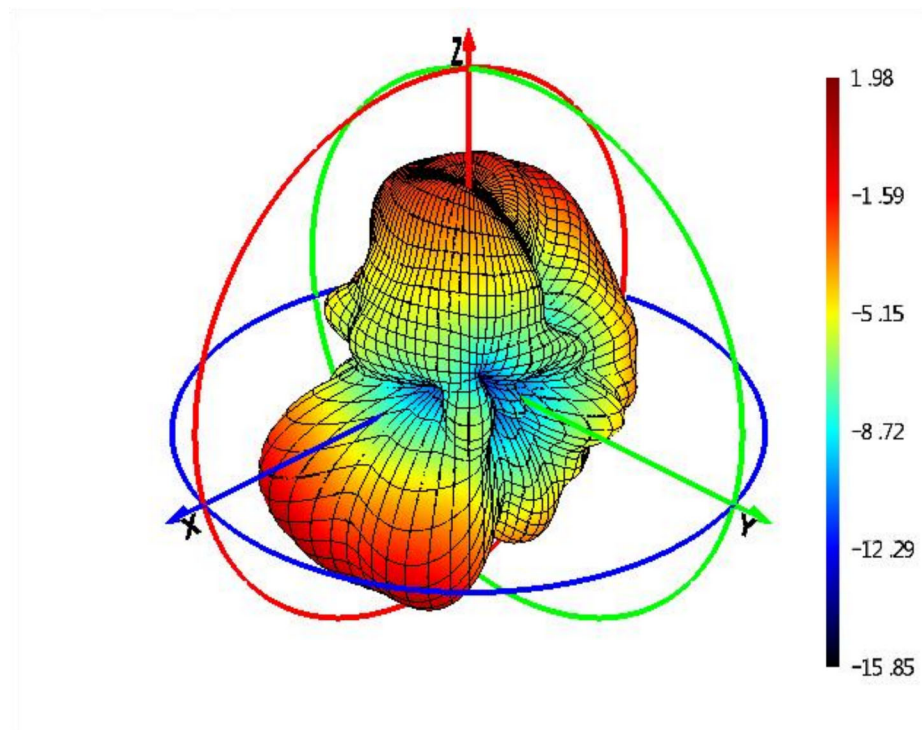


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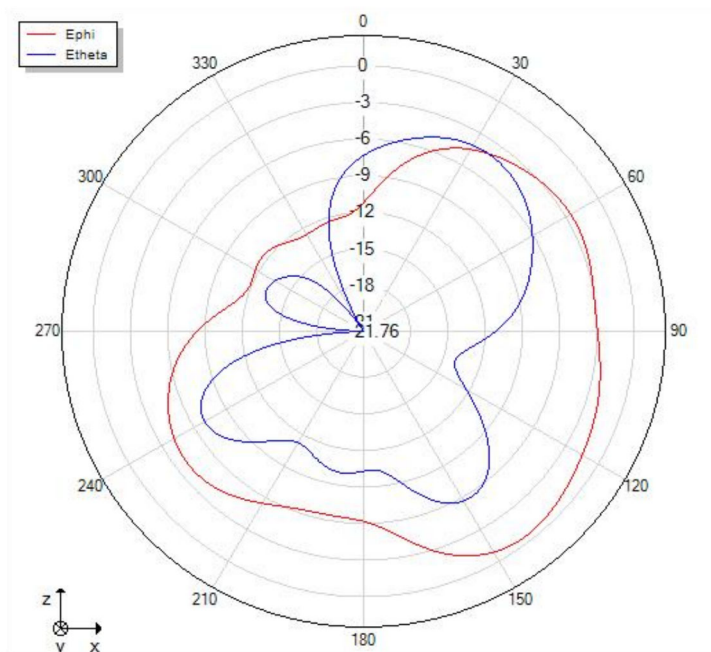


Phi=0 freq=2700MHz

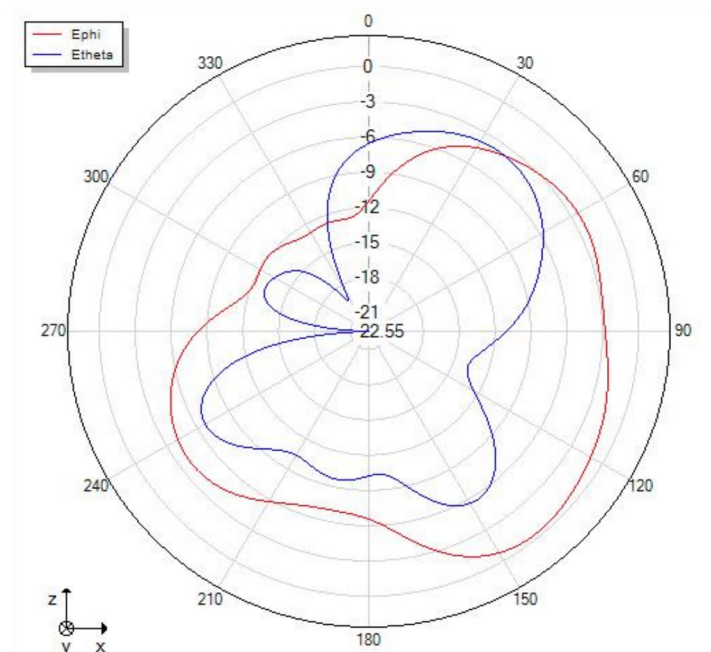


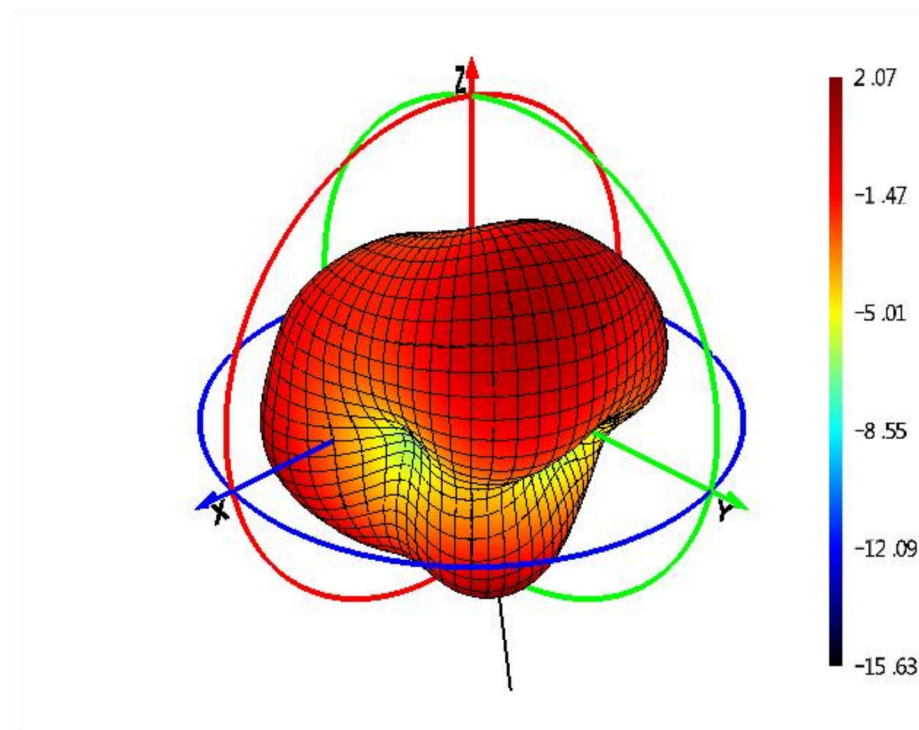
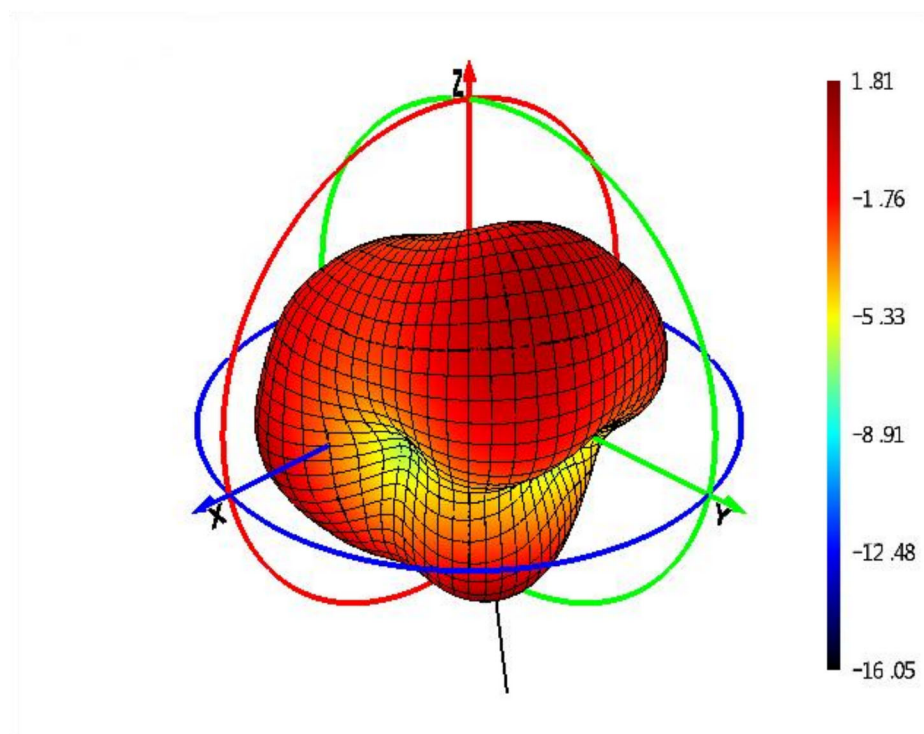


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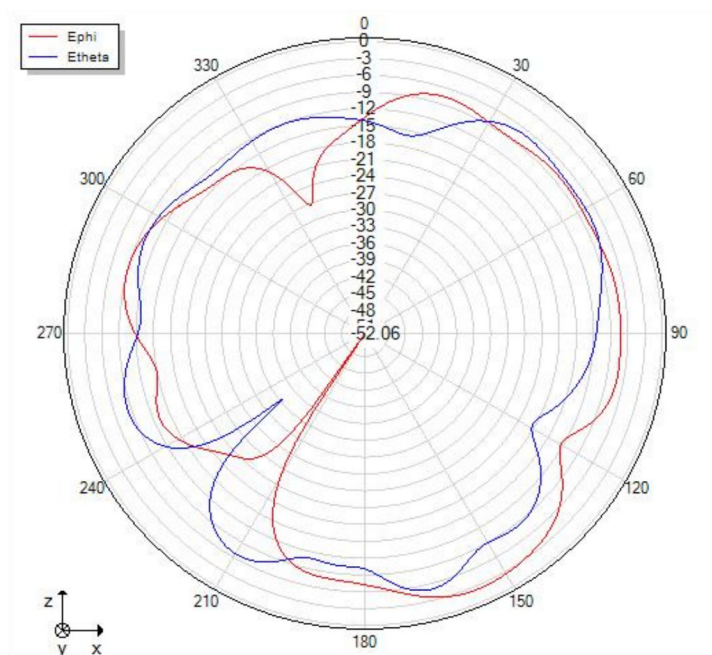


Phi=0 freq=1575MHz





Phi=0 freq=2400MHz



Phi=0 freq=2500MHz

