

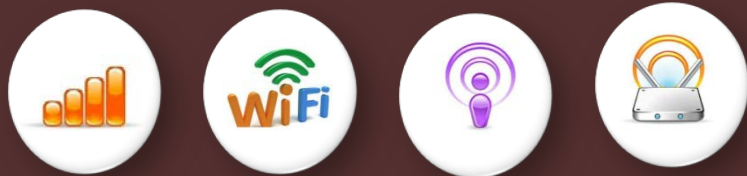


深圳麒鑫通达科技有限公司

天线测试数据报告

Antenna test data report

客户：博派
项目：天线增益报告
频段：GSM/WCDMA/LTE
天线：熊锡巍 (137 6016 7811)
日期：2024年02月23日



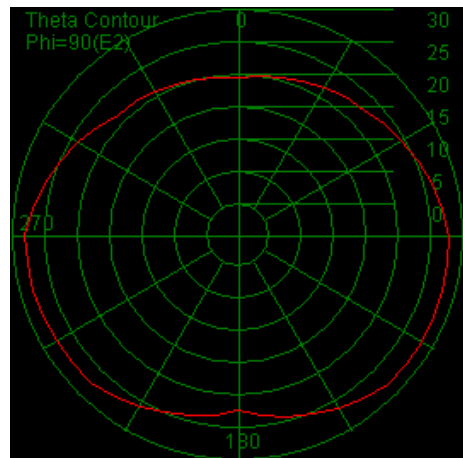
	测试项目	设备
1. S参数	1. 回损(RL) 2. 驻波比(VSWR)	网络分析仪: Agilent 5071B
2. 耦合功率测试	1. 发射功率 (power) 2. 接收灵敏度(level)	综测仪: CMW500/8960 暗 室: 6*4*3微波暗室



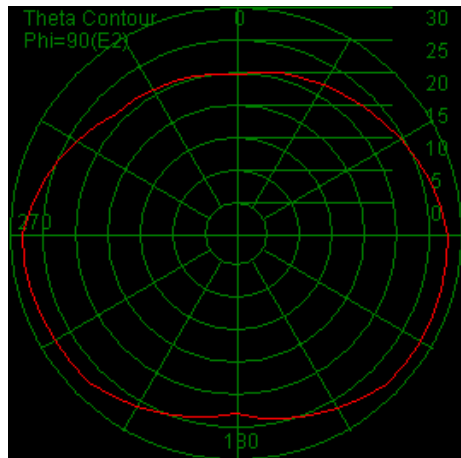


版本	日期	调试概述
	2024-02-23	天线无源报告

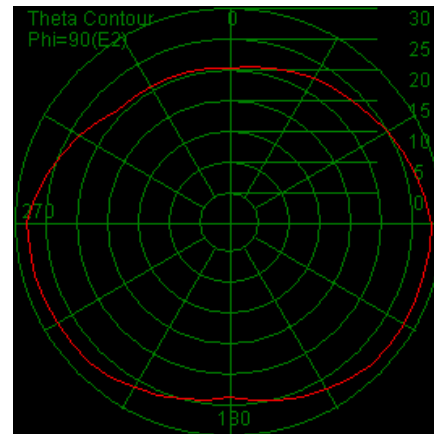
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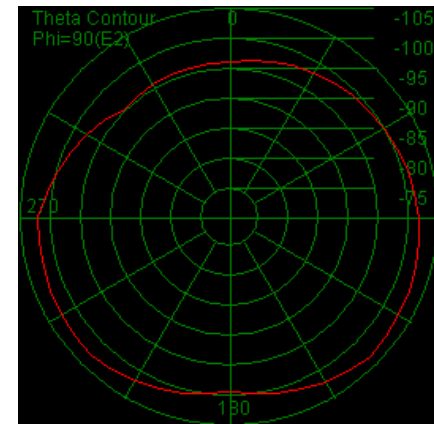
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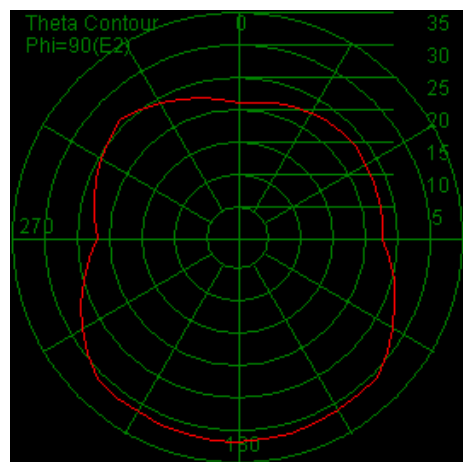
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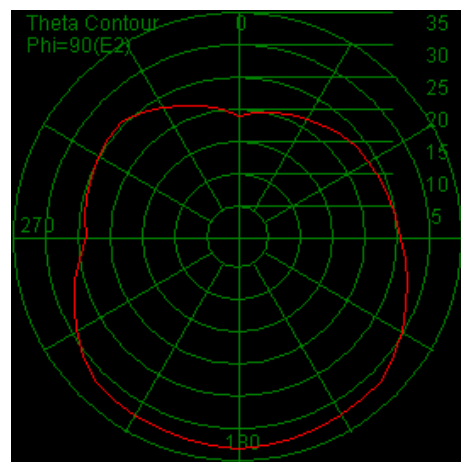
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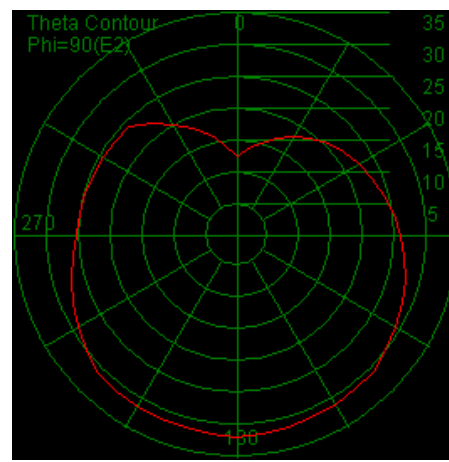
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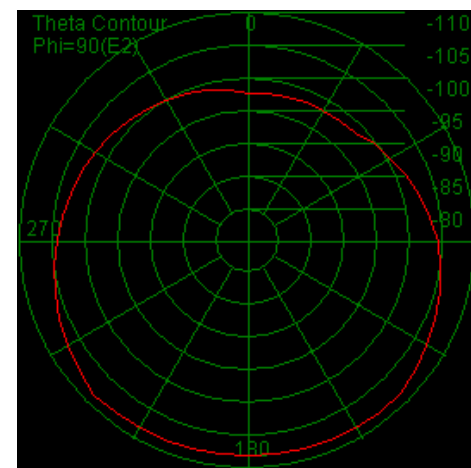
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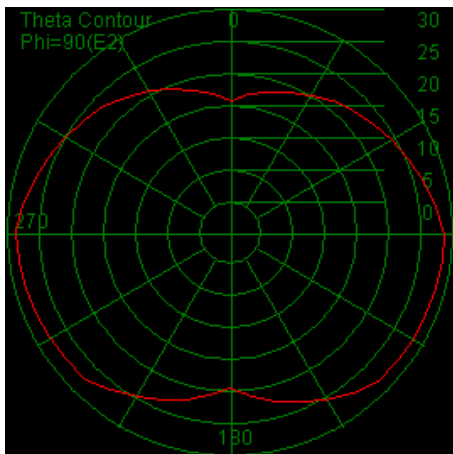
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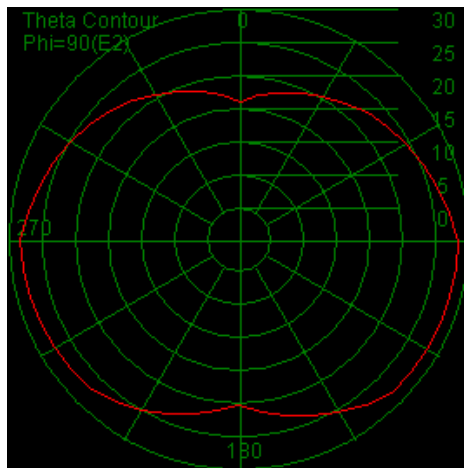
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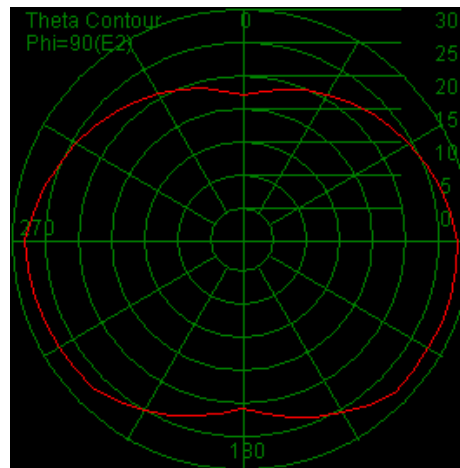
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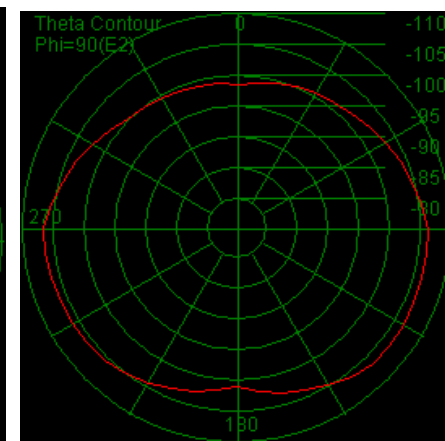
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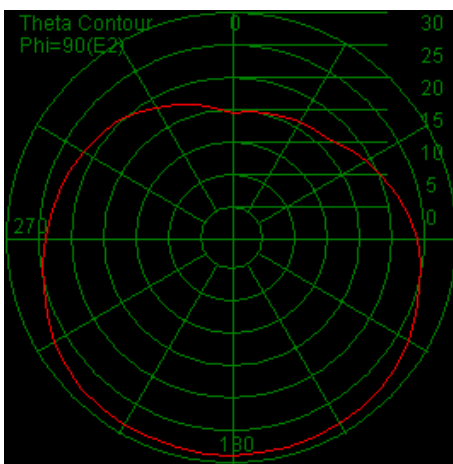
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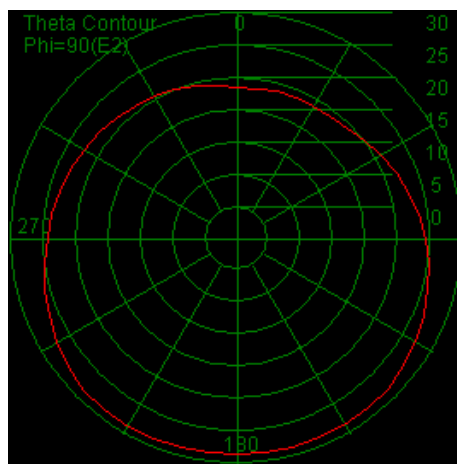
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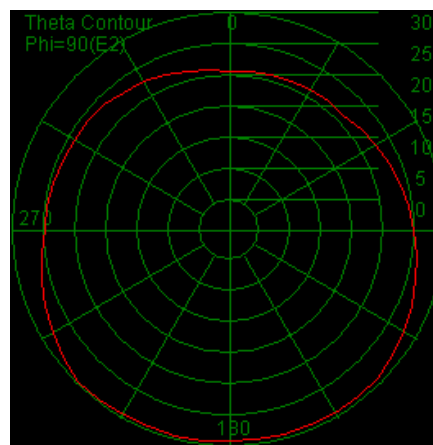
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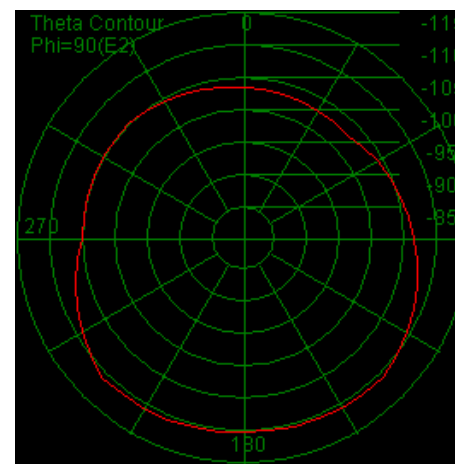
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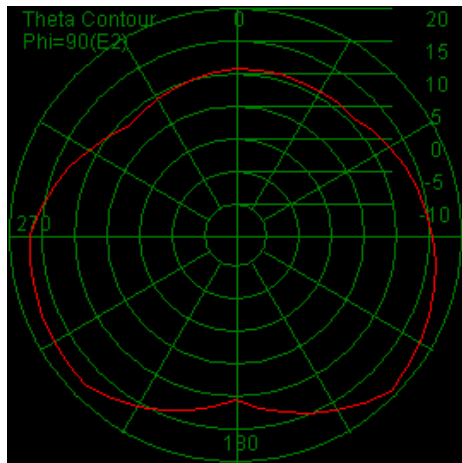
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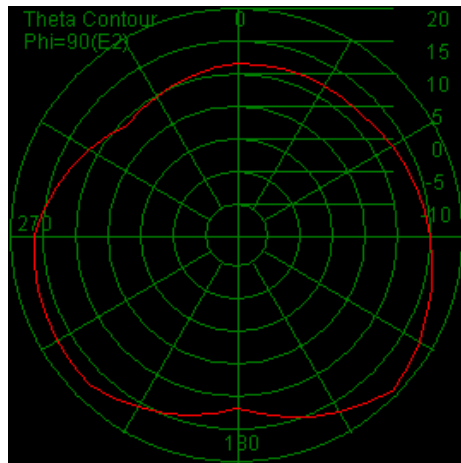
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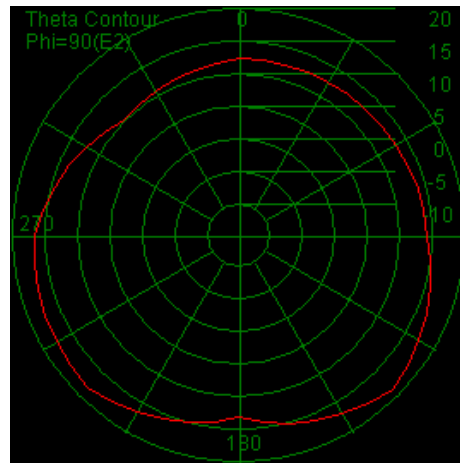
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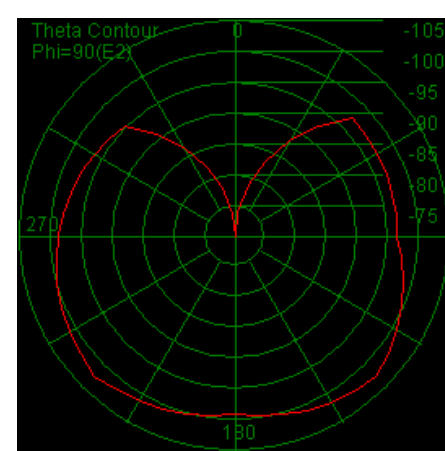
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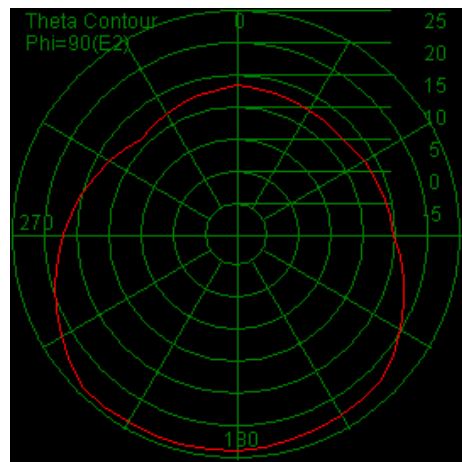
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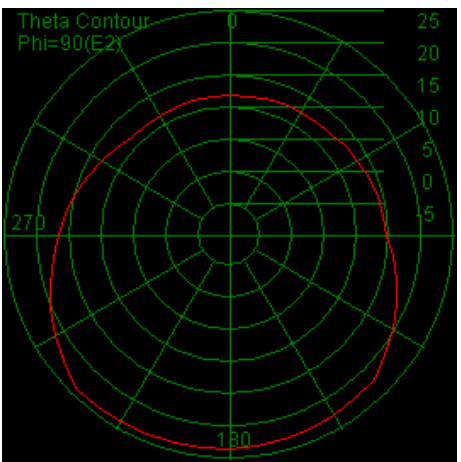
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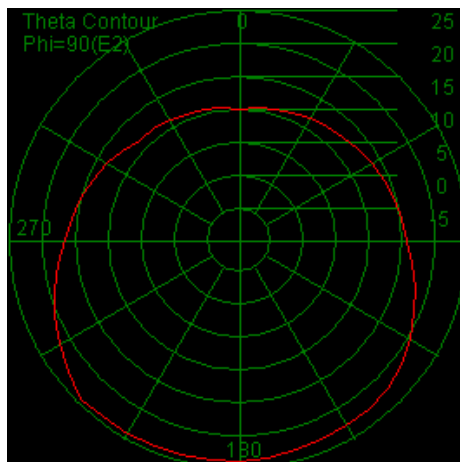
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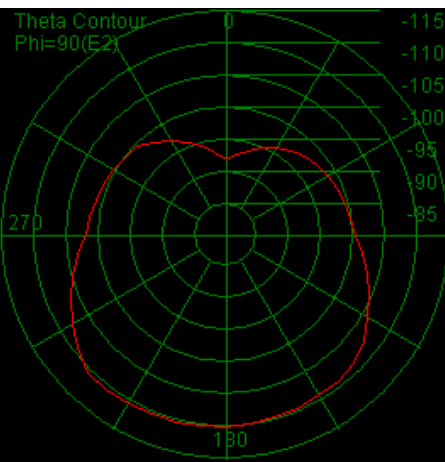
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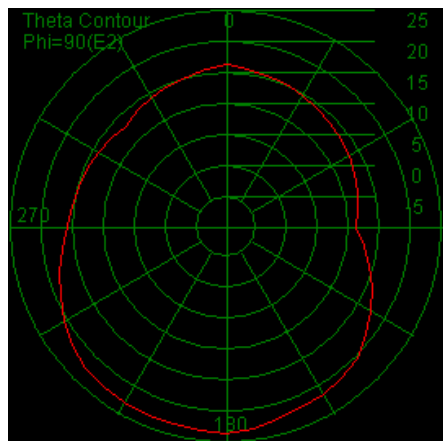
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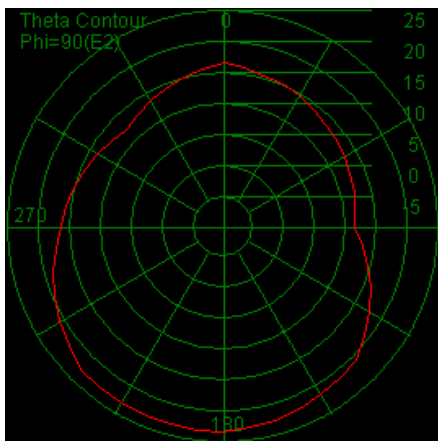
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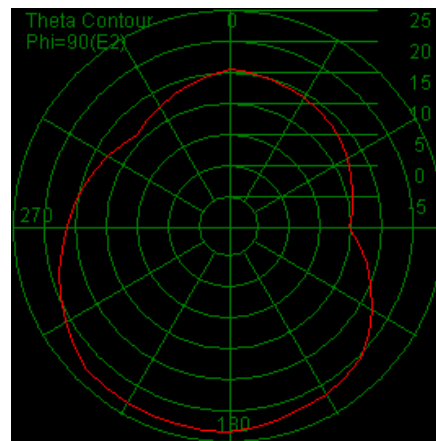
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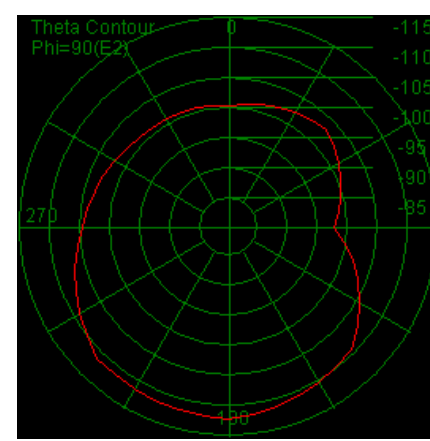
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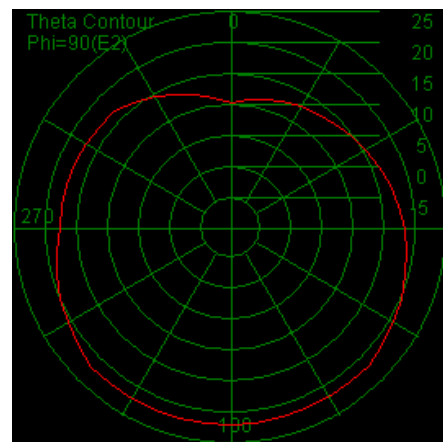
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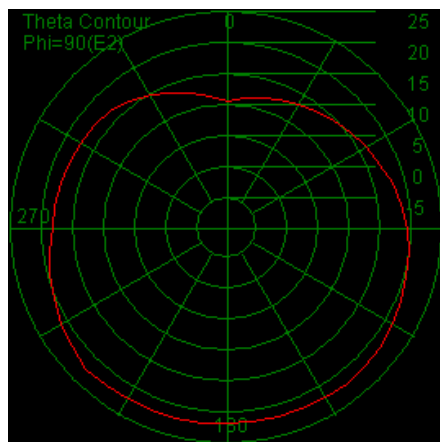
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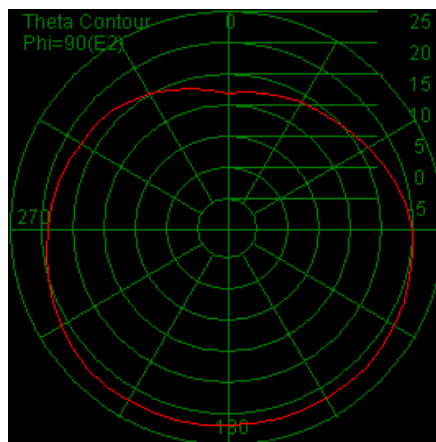
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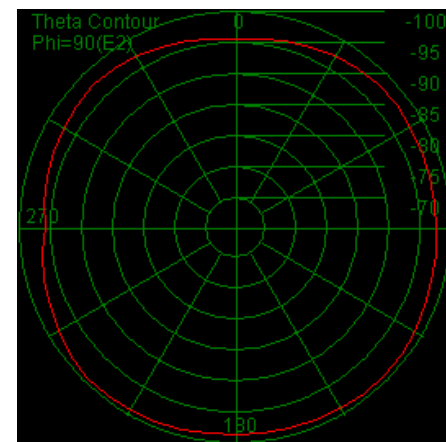
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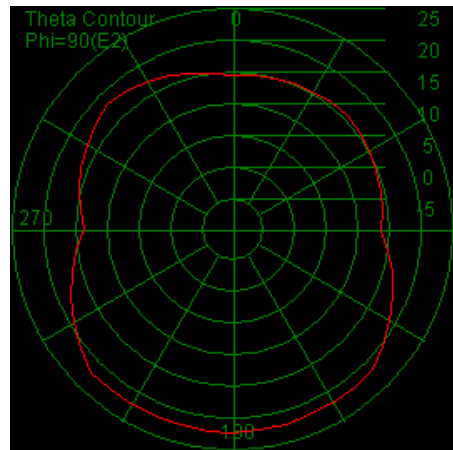
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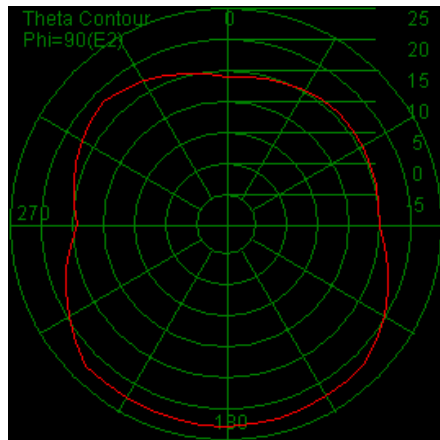
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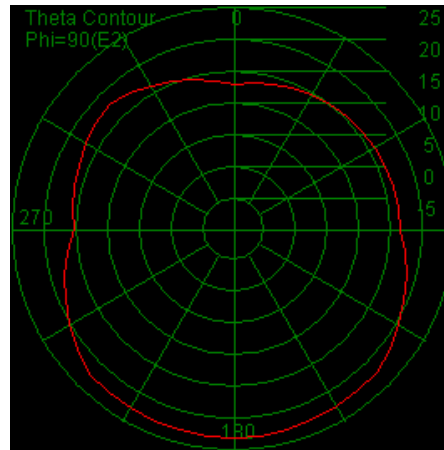
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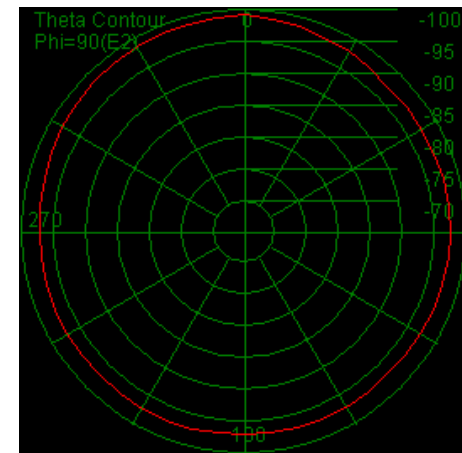
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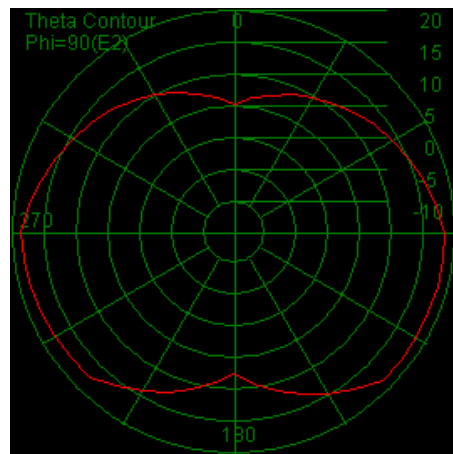
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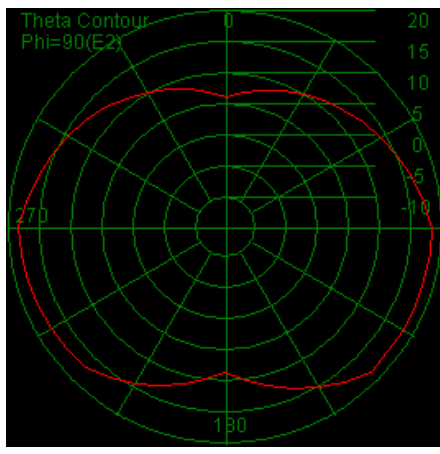
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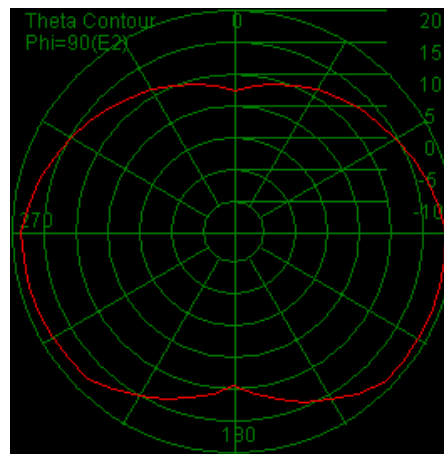
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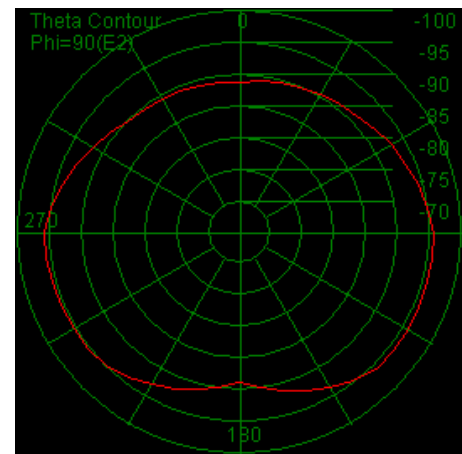
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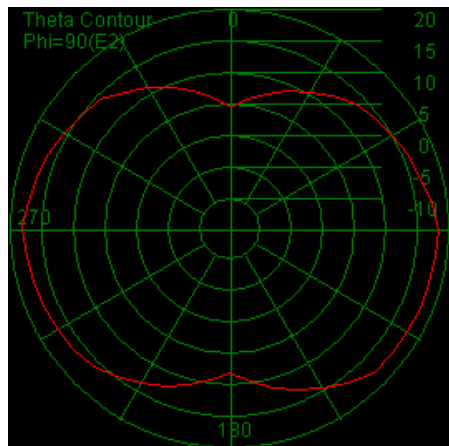
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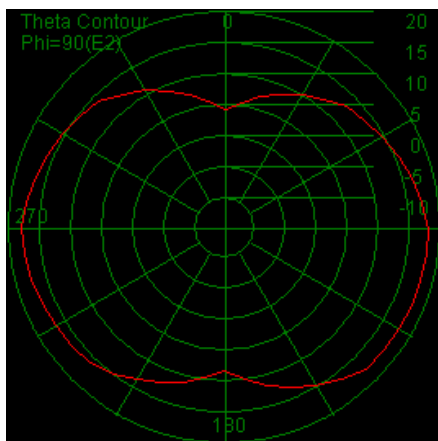
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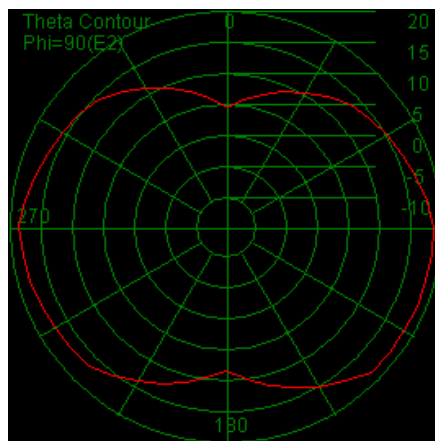
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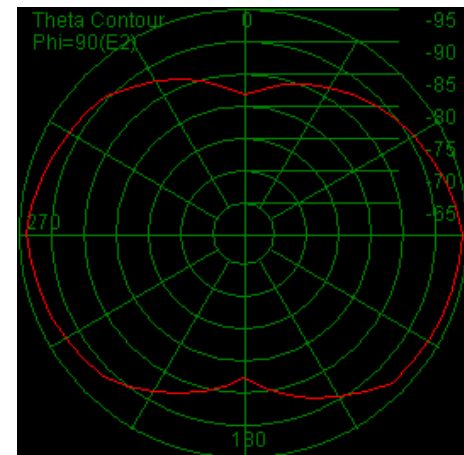
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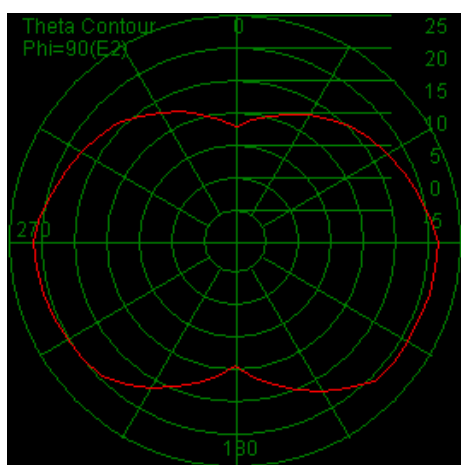
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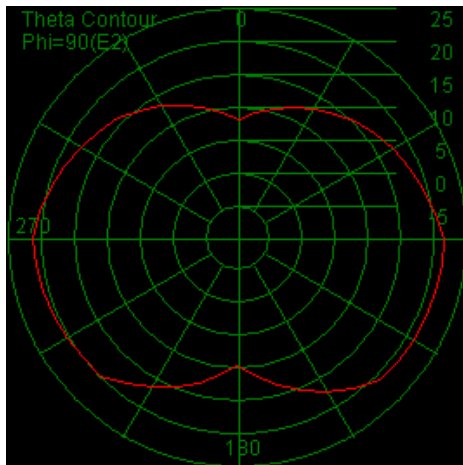
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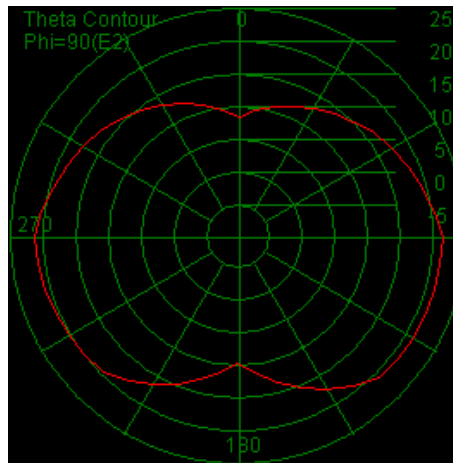
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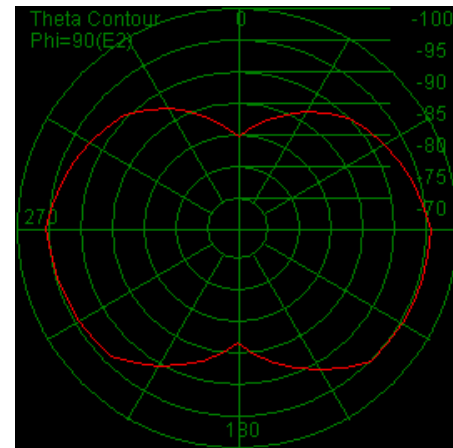
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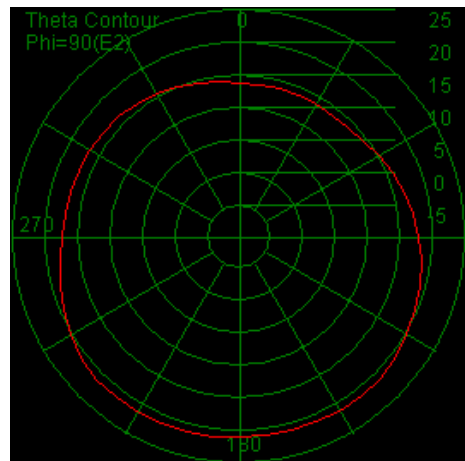
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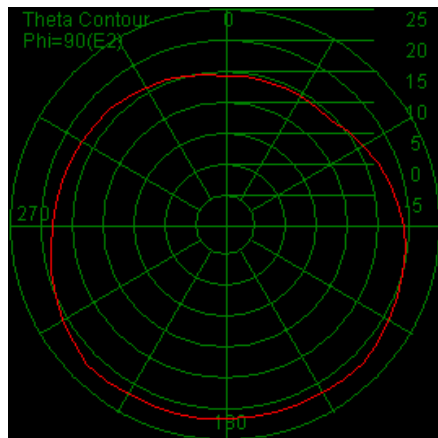
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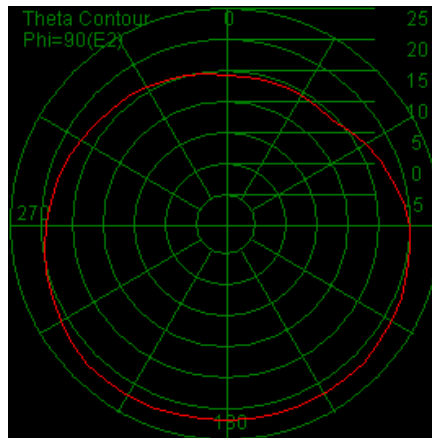
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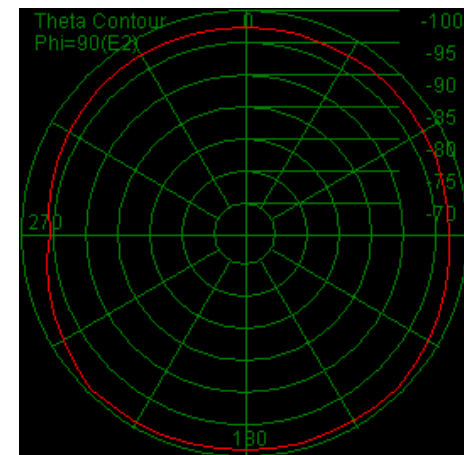
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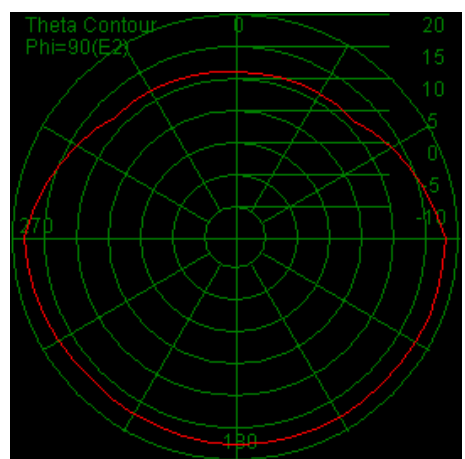
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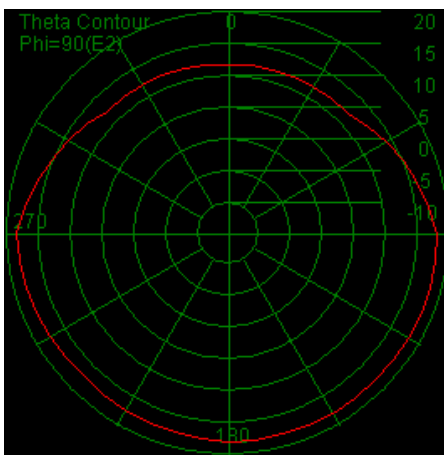
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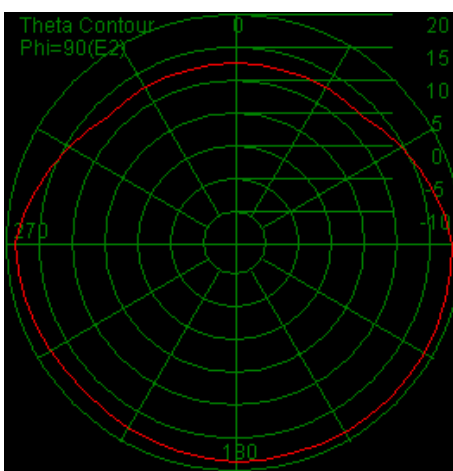
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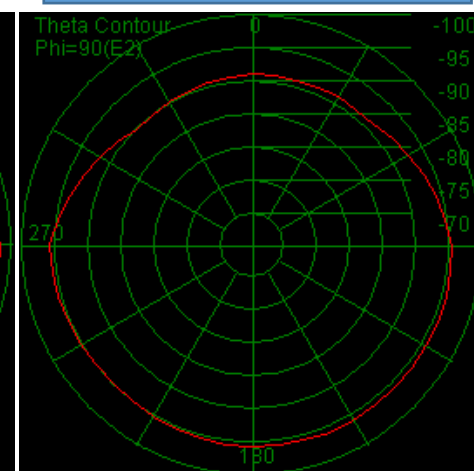
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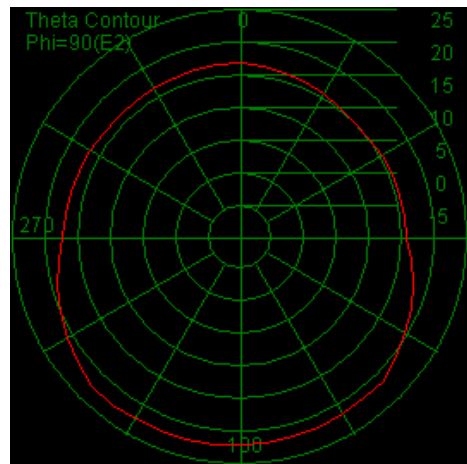
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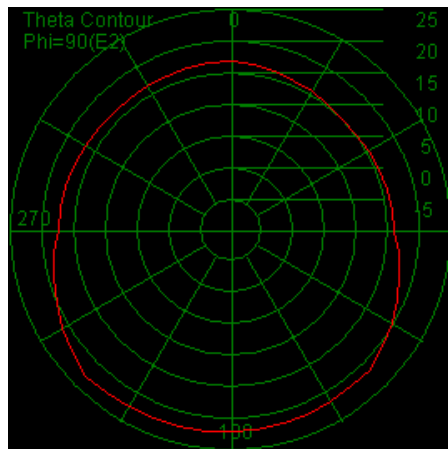
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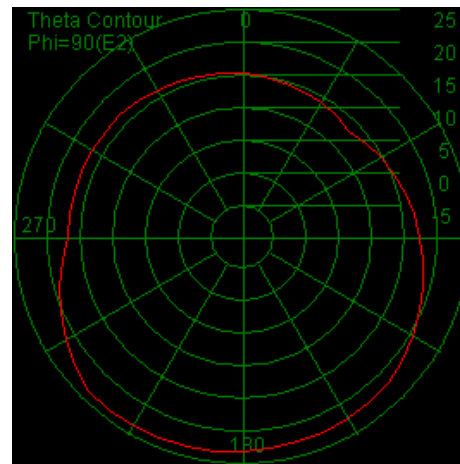
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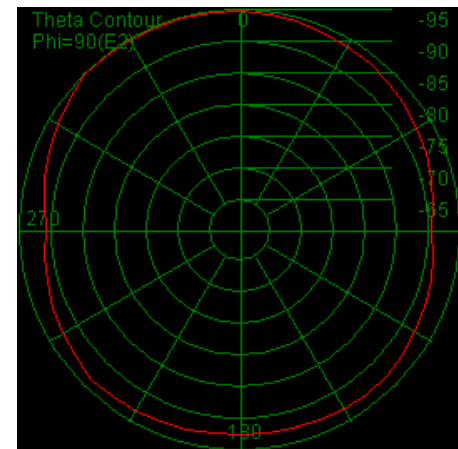
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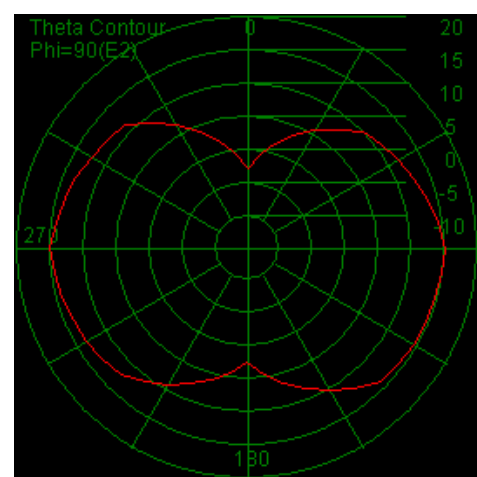
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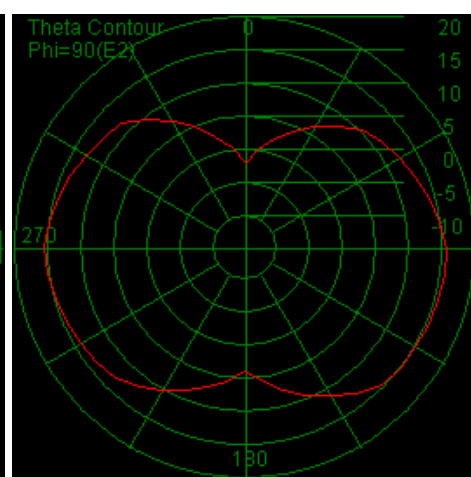
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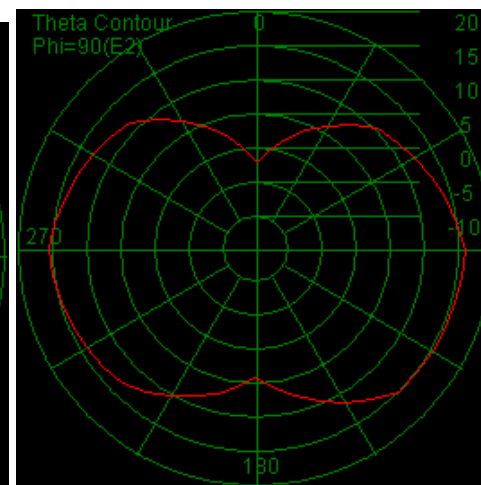
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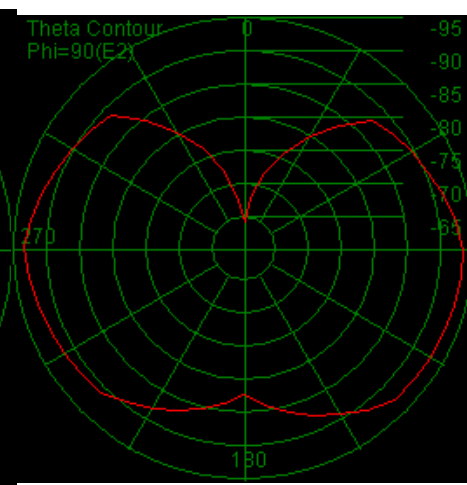
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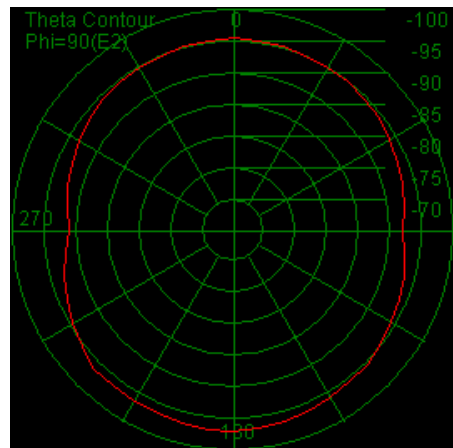
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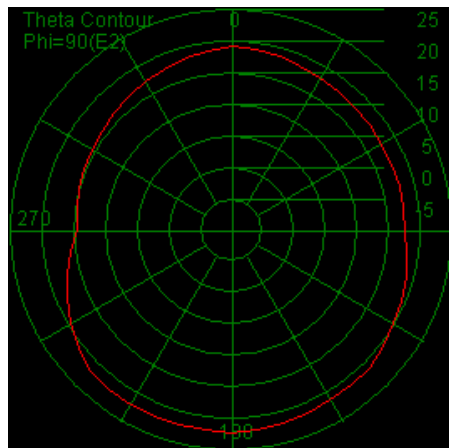
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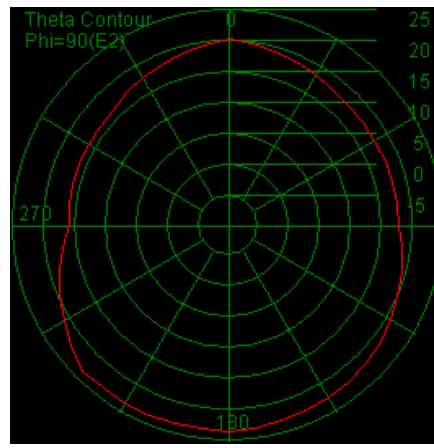
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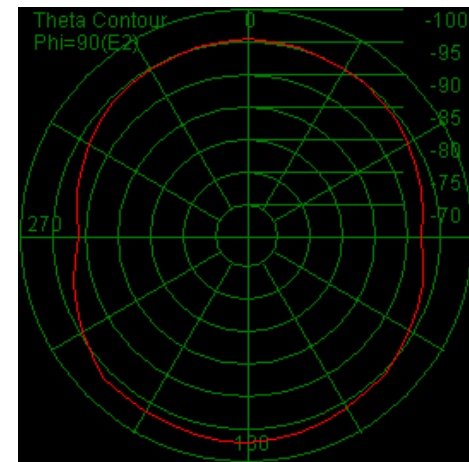
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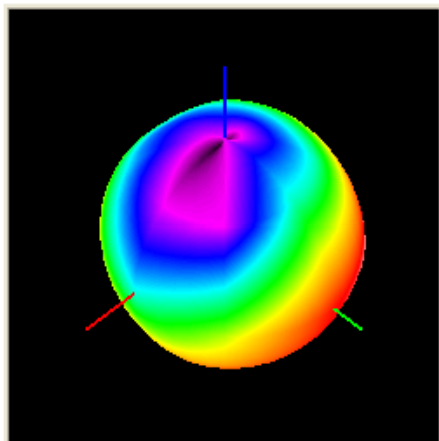
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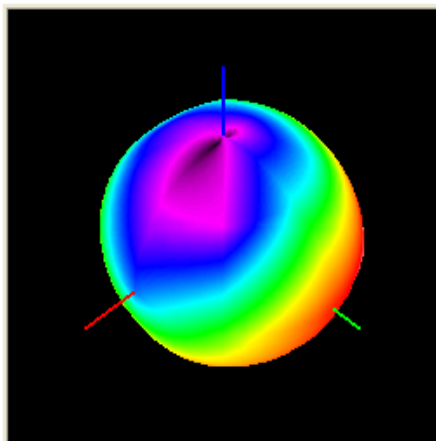
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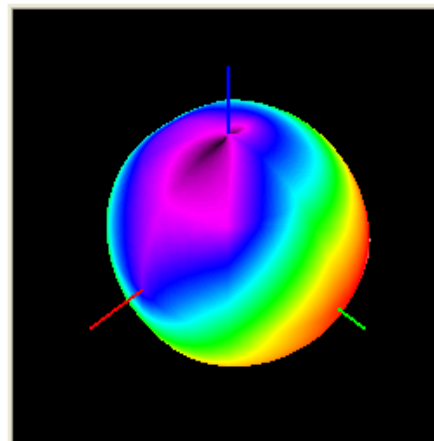
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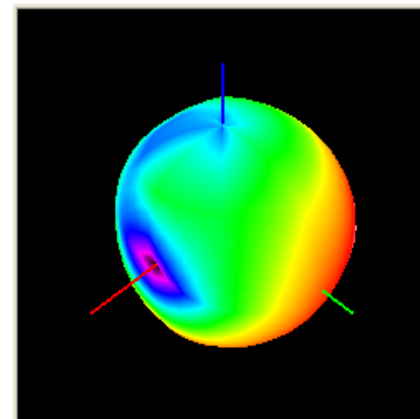
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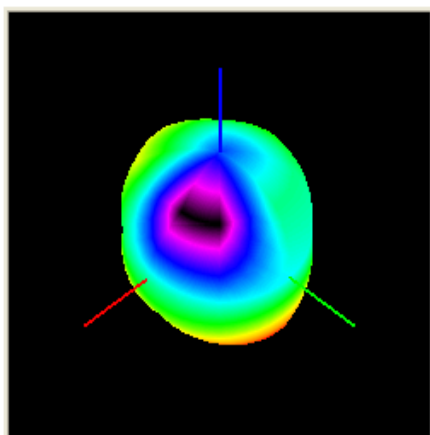
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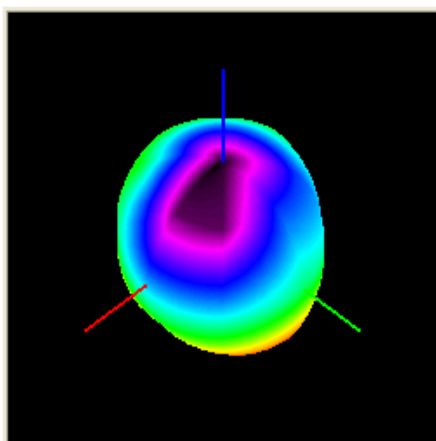
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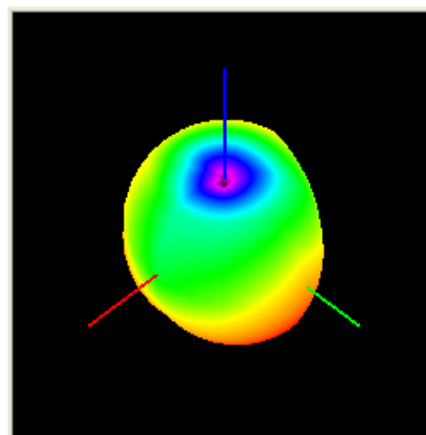
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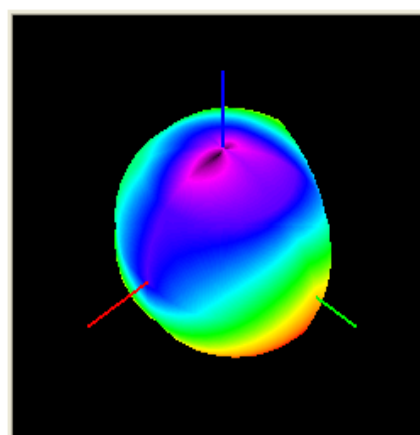
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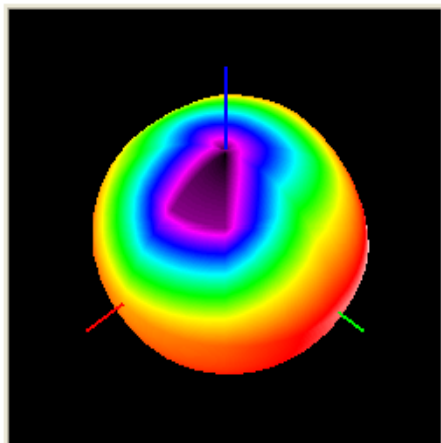
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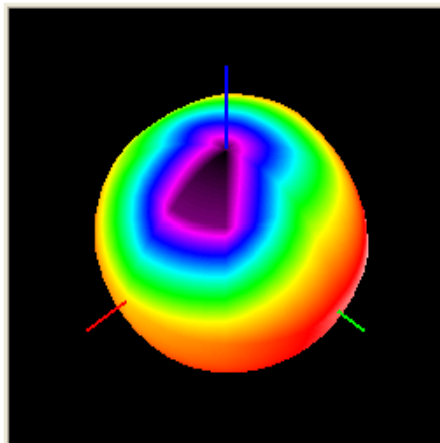
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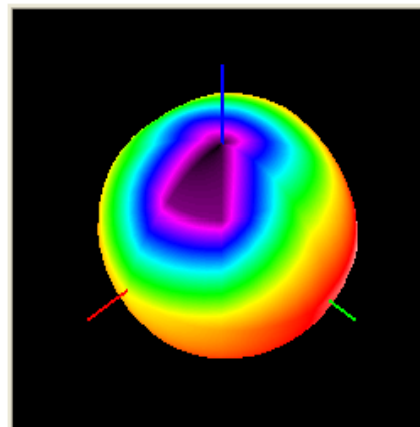
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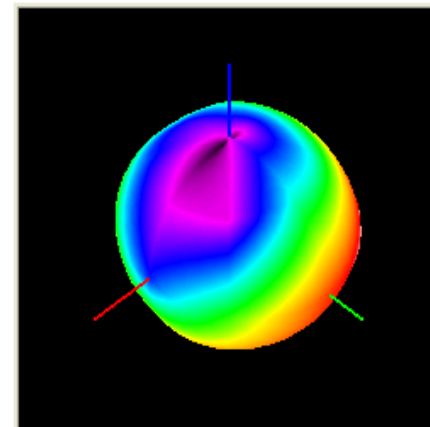
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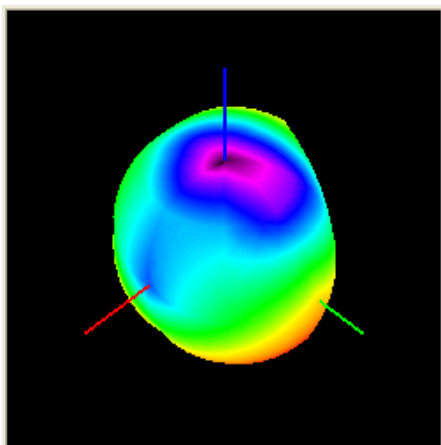
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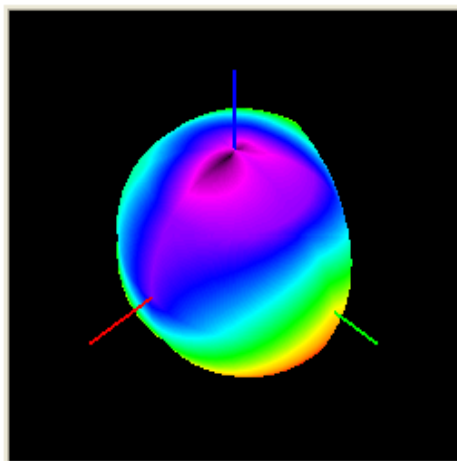
GSM850 251 TIS



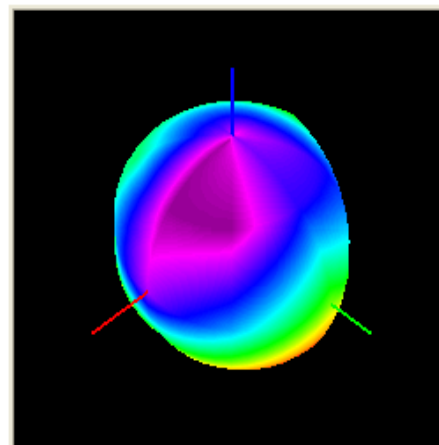
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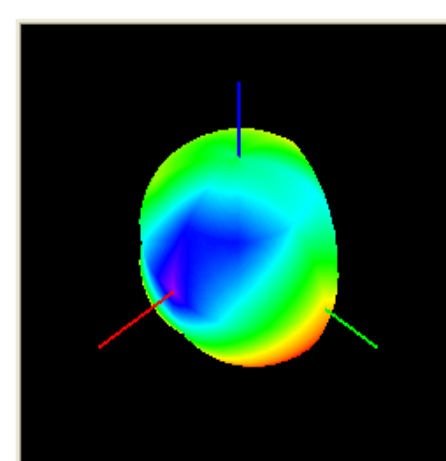
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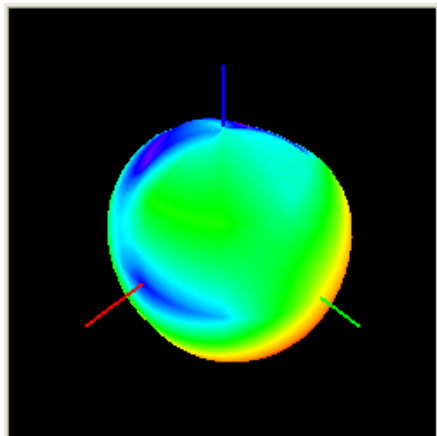
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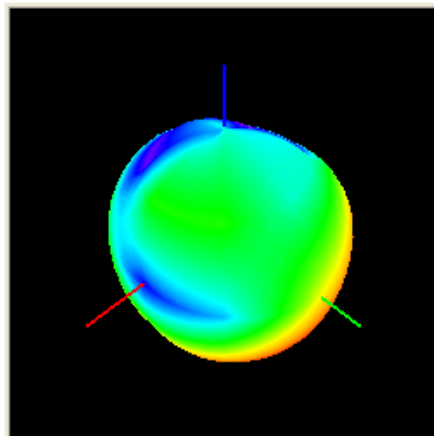
PCS1900 810 TIS



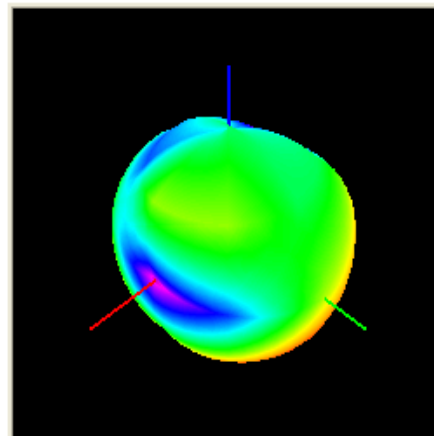
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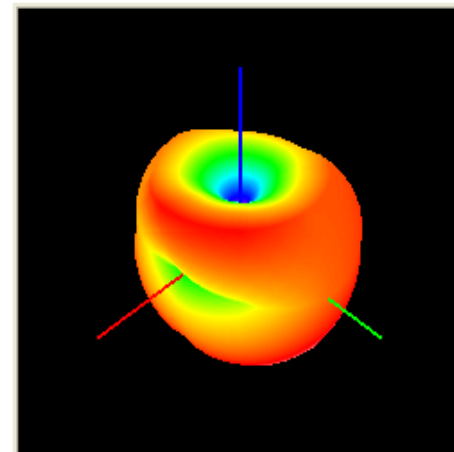
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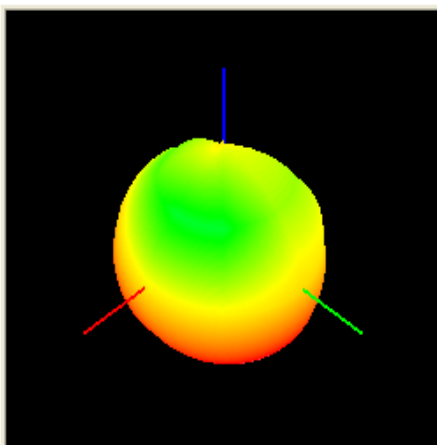
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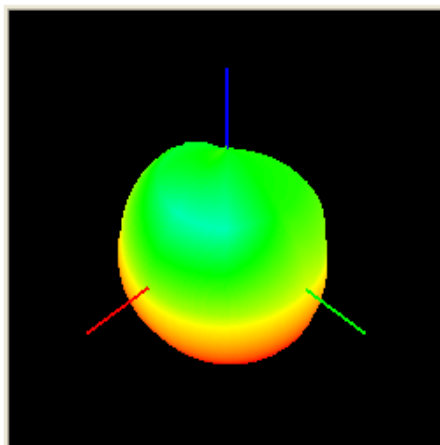
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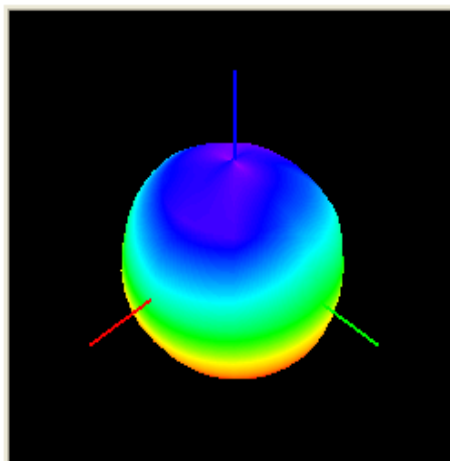
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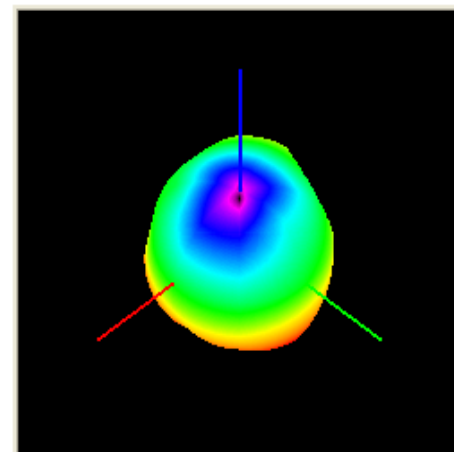
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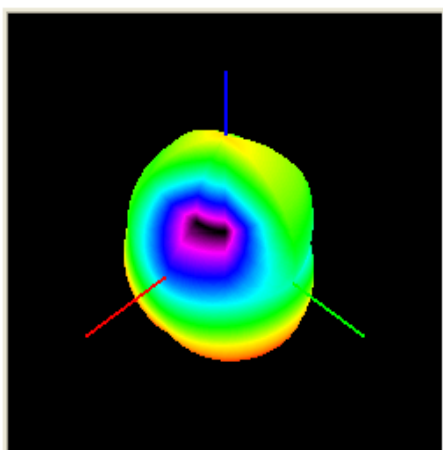
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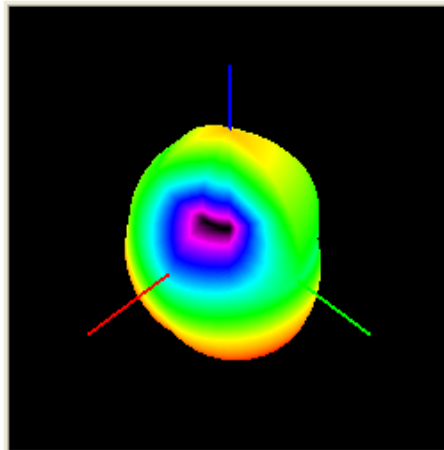
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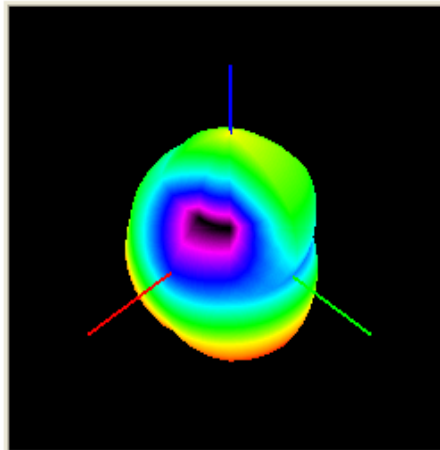
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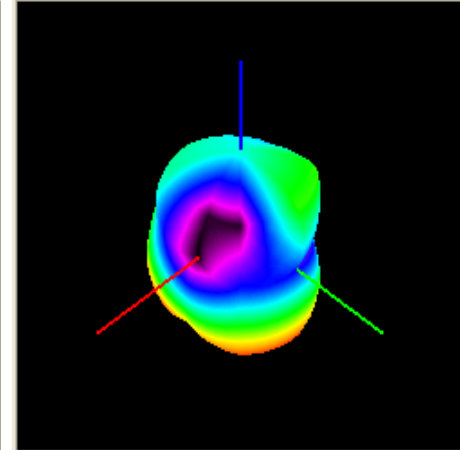
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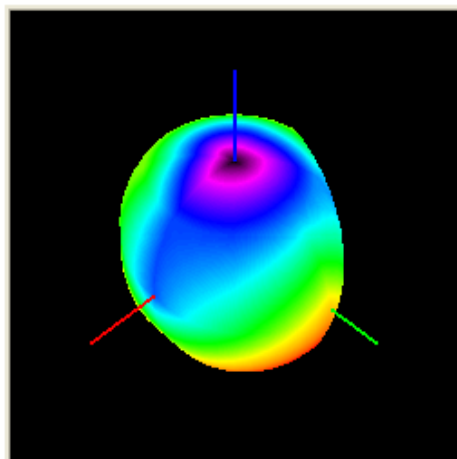
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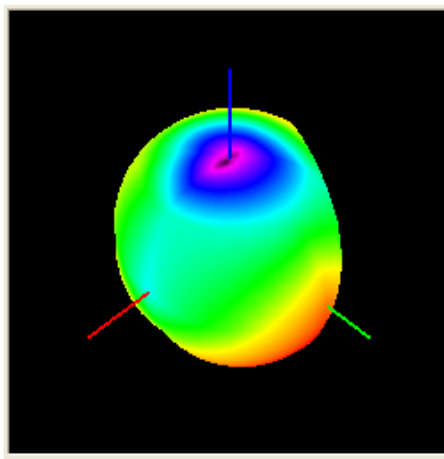
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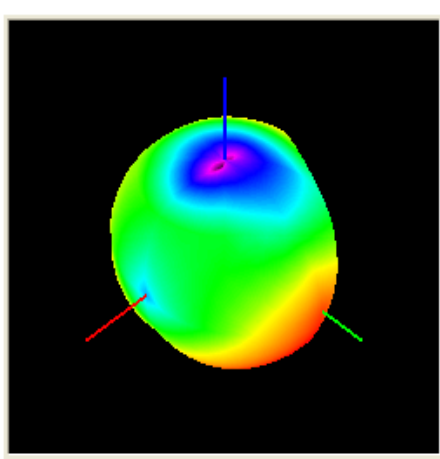
LTE- B2 650



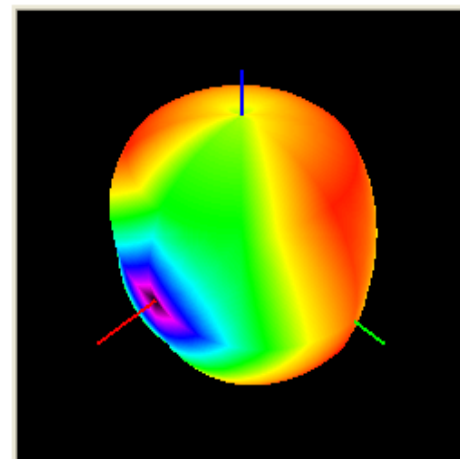
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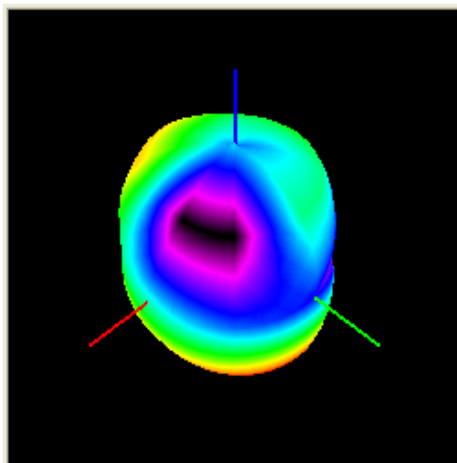
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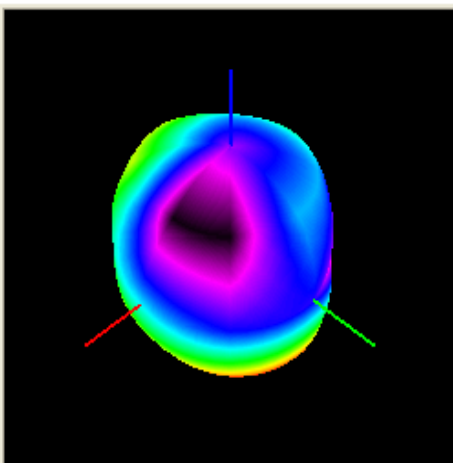
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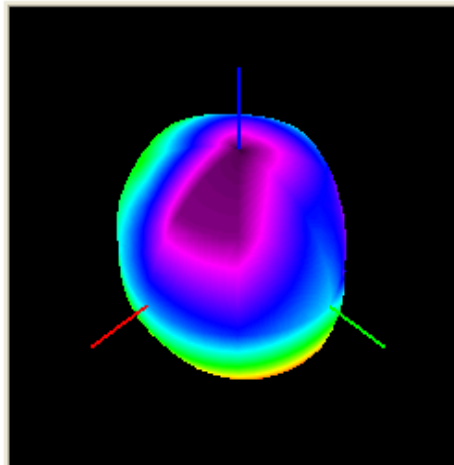
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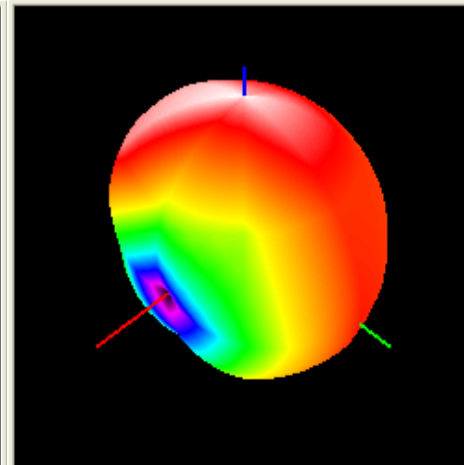
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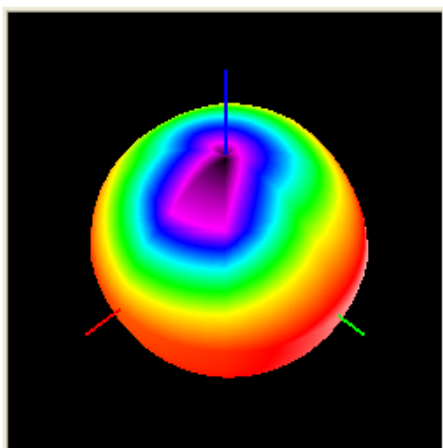
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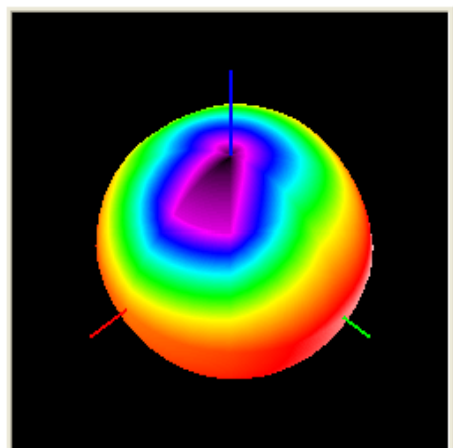
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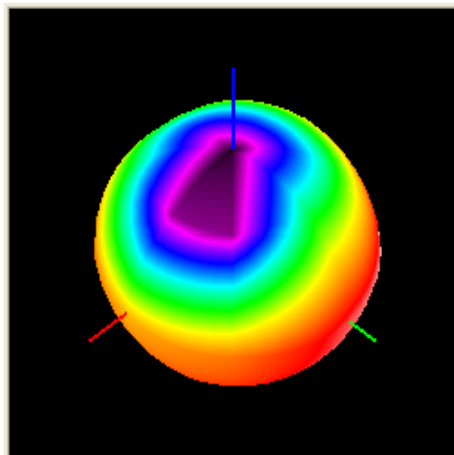
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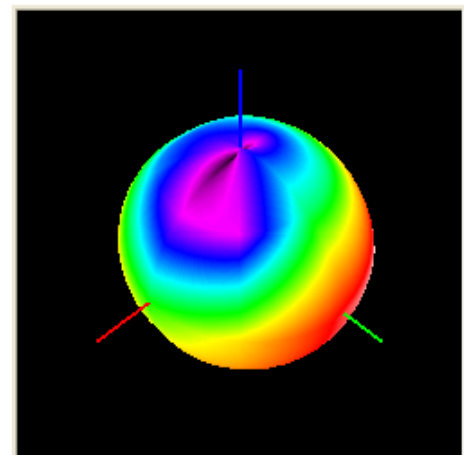
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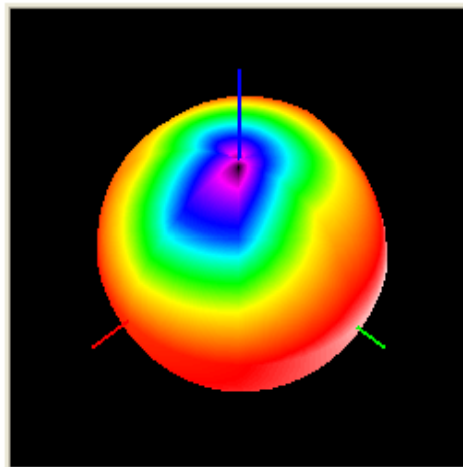
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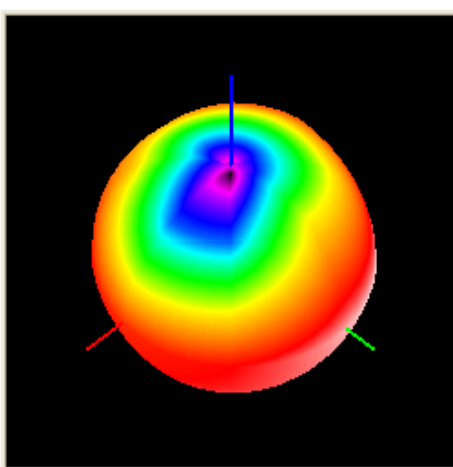
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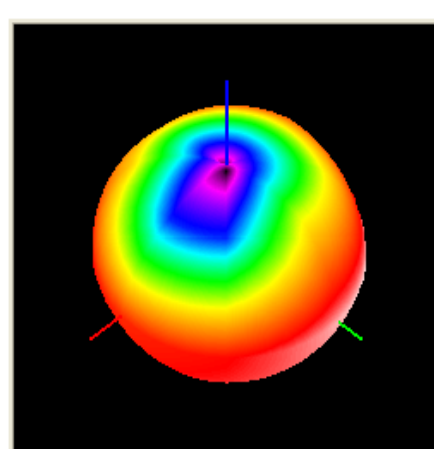
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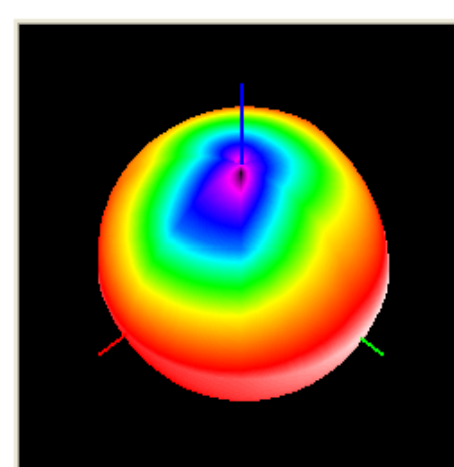
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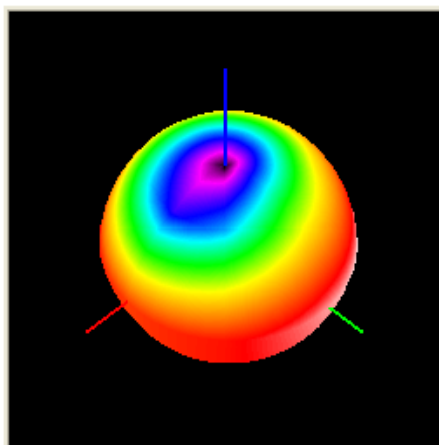
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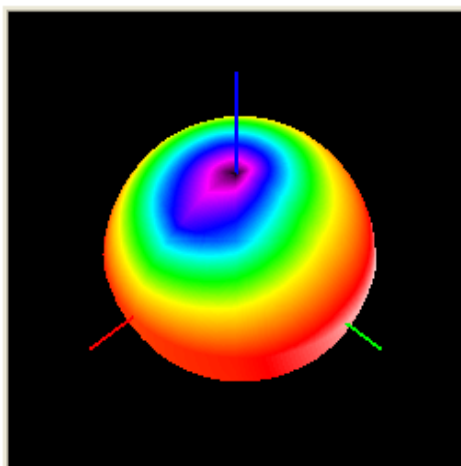
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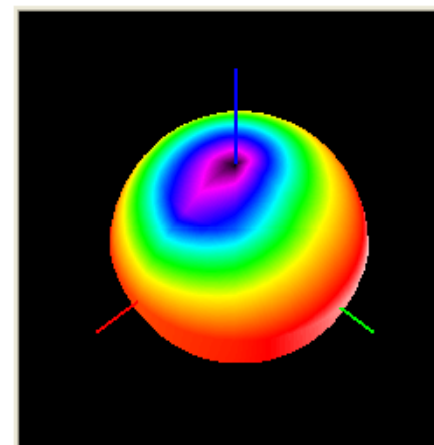
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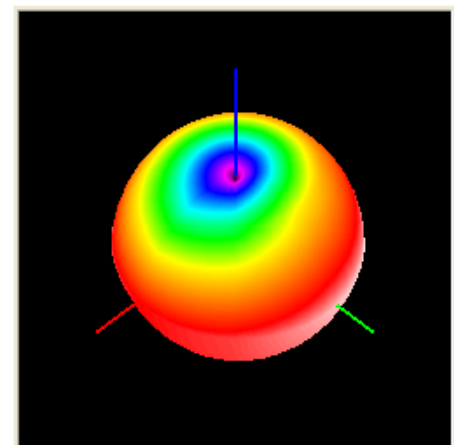
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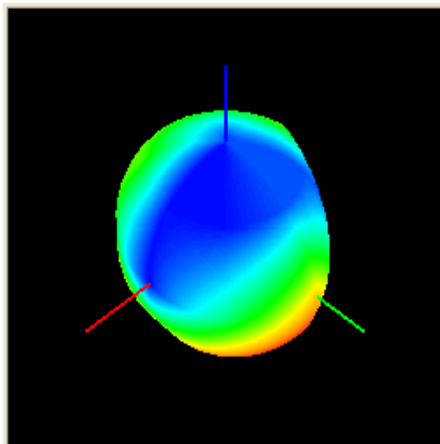
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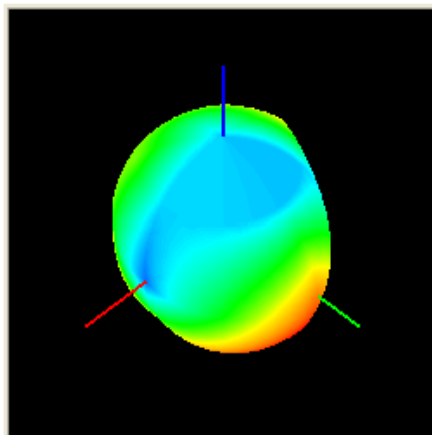
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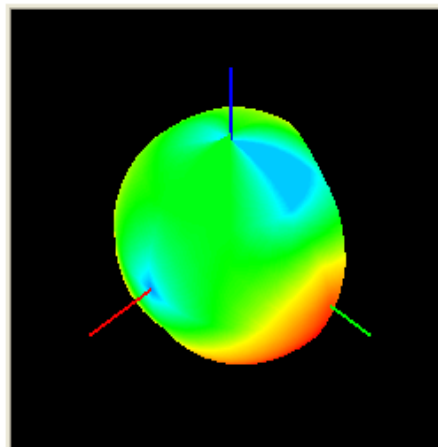
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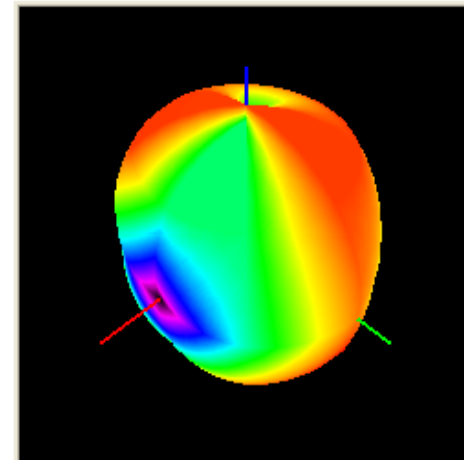
LTE- B25 M



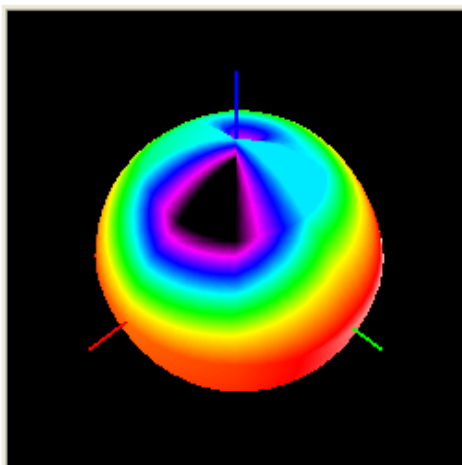
LTE- B25 H



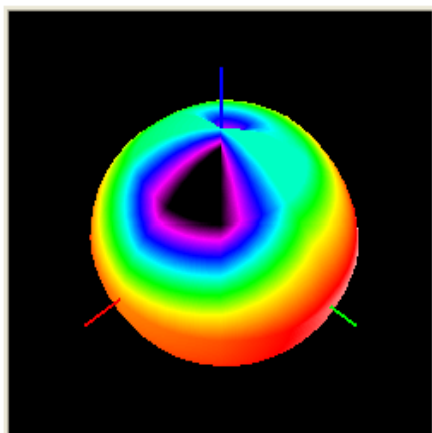
LTE- B25 H TIS



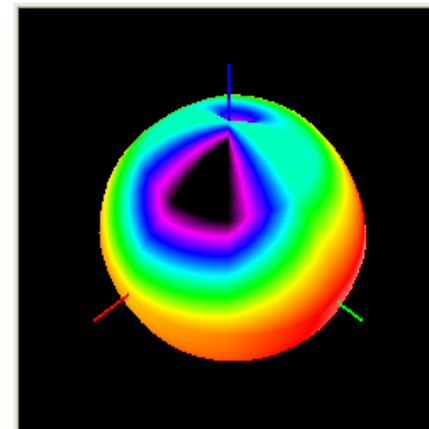
LTE- B26 L



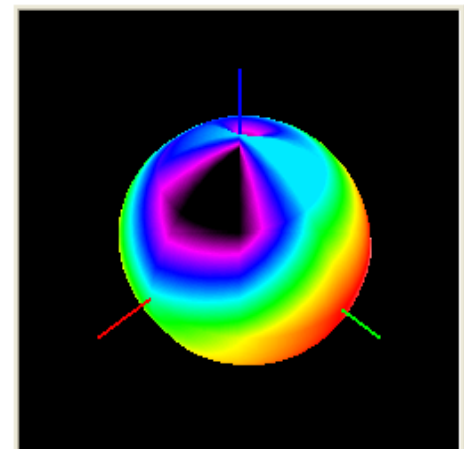
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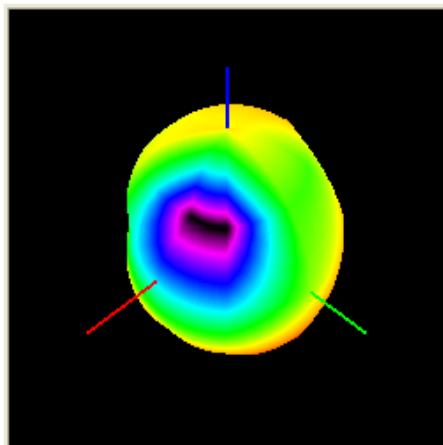
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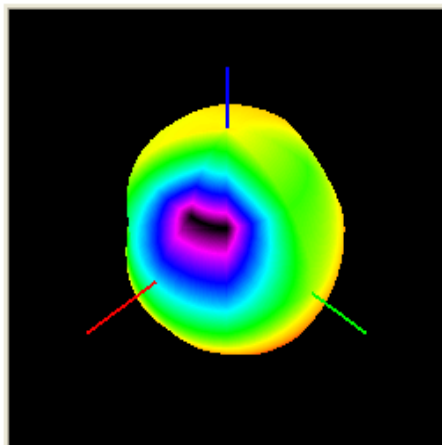
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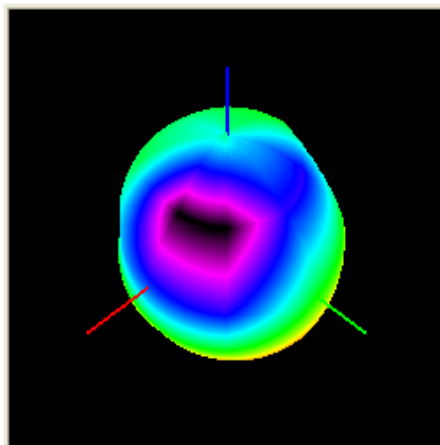
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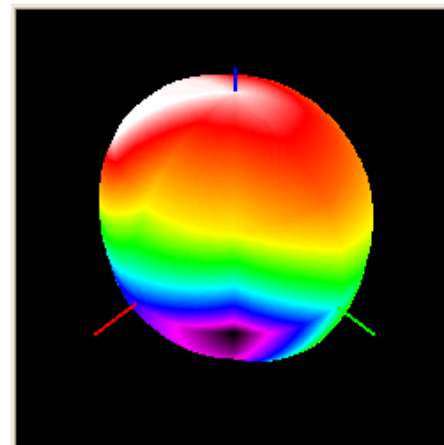
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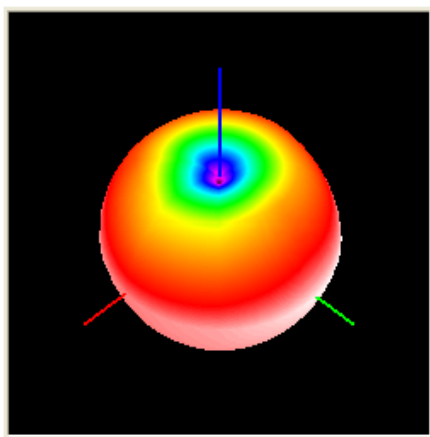
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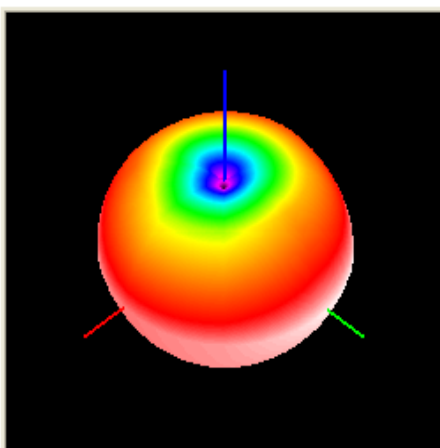
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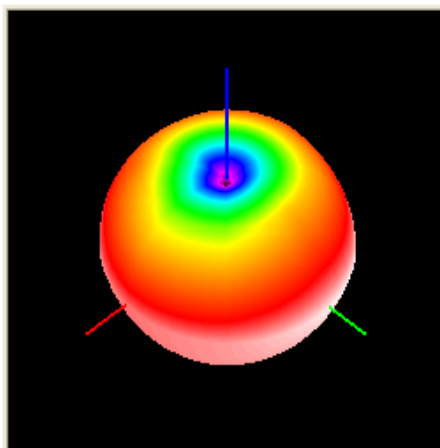
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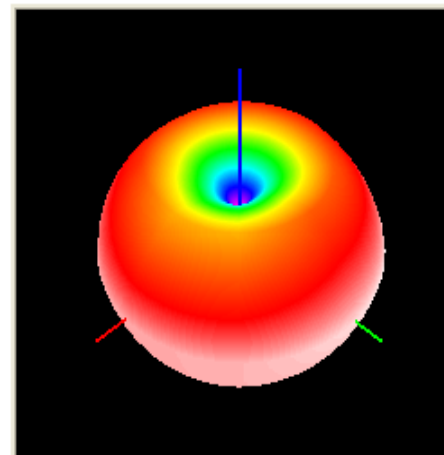
LTE- B71 M



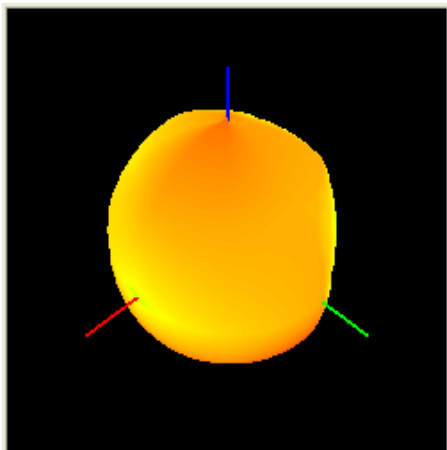
LTE- B71 H



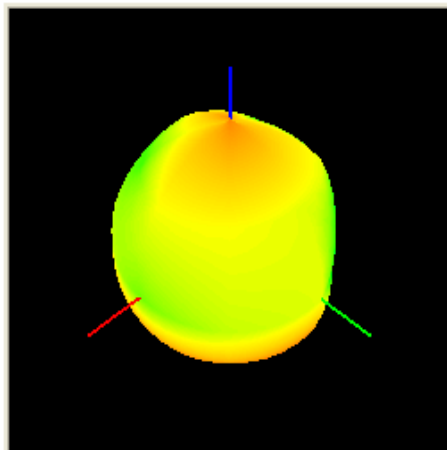
LTE- B71 H TIS



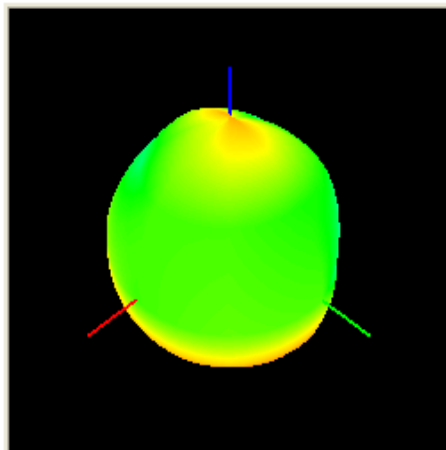
LTE- B41 L E2



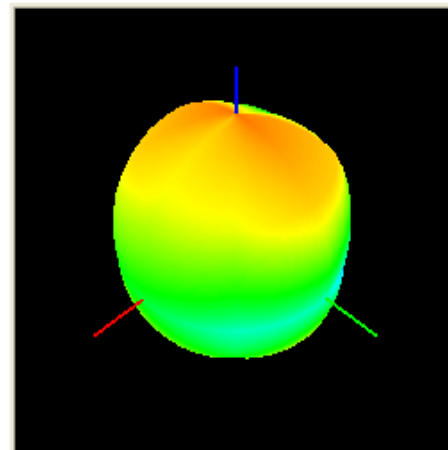
LTE- B41 M E2



LTE- B41 M E2

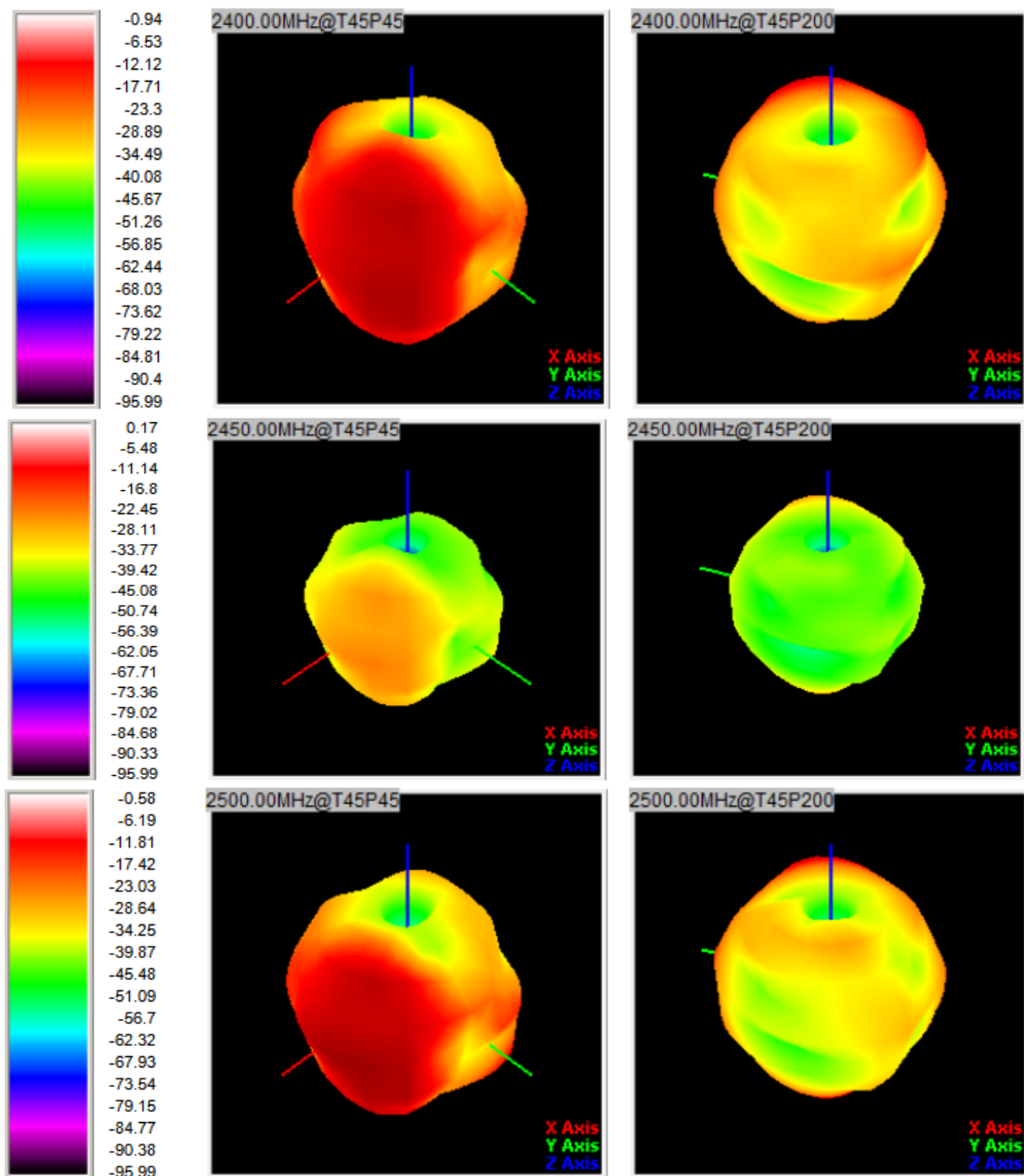


LTE- B41 H E2

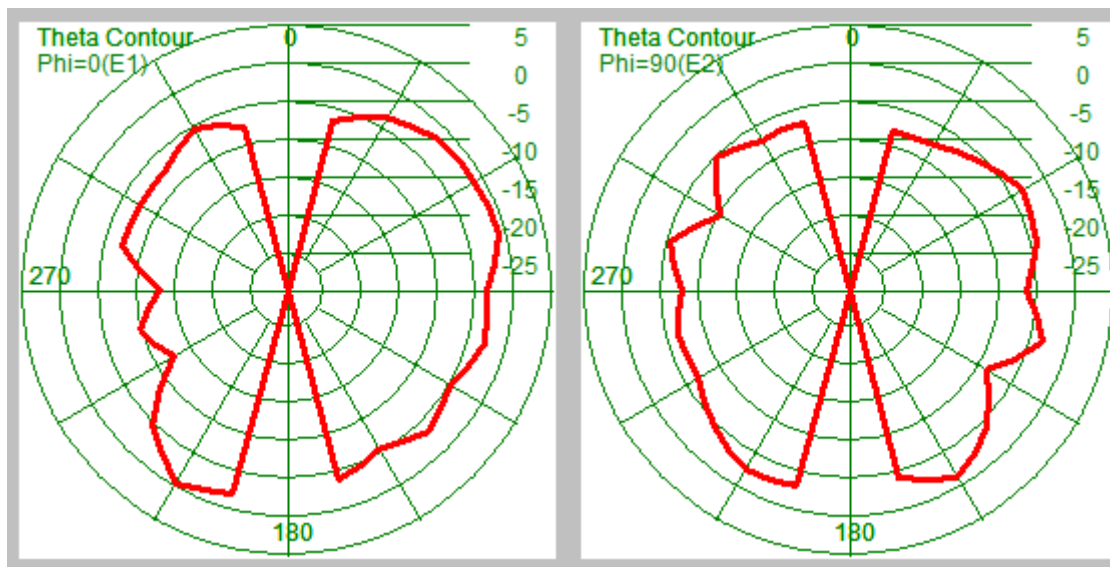


Band	Max Gain	Band	Max Gain
GSM900	-0.39	BAND 5	-0.42
DCS1800	0.34	BAND 12	-1.12
GSM850	-0.42	BAND 13	-0.83
PCS1900	0.18	BAND 25	0.18
WCDMA850	-0.42	BAND 26	-0.42
WCDMA1700	0.21	BAND 66	0.21
WCDMA1900	0.18	BAND 71	-1.65
BAND 2	0.18	BAND 41	0.22
BAND 4	0.21		

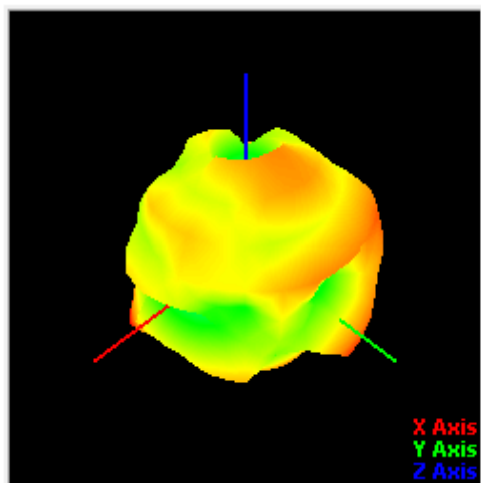
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (%)	31.80	34.60	39.10	38.60	40.80	36.70	38.70	36.20	36.60	34.70	31.60
Gain (dBi)	-0.94	-0.57	-0.11	-0.07	0.33	0.17	0.57	0.38	0.29	-0.02	-0.58
Frequency (MHz)	5100.0	5200.0	5300.0	5400.0	5500.0	5600.0	5700.0	5800.0	5850.0		
Efficiency (%)	14.8	16.8	18.1	19.3	12.2	11.8	12.4	16.6	17.3		
Gain (dBi)	-2.51	-2.32	-2.17	-2.04	-3.33	-3.64	-3.32	-2.42	-2.25		



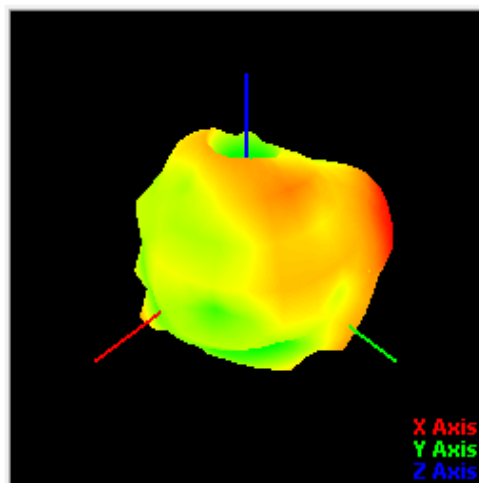
Passive - Freq2450.00MHZ



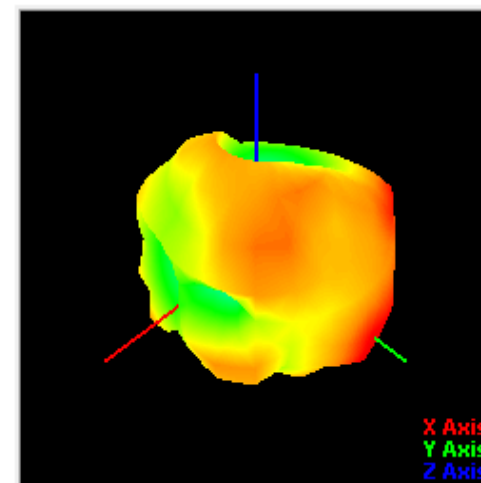
5100Mhz



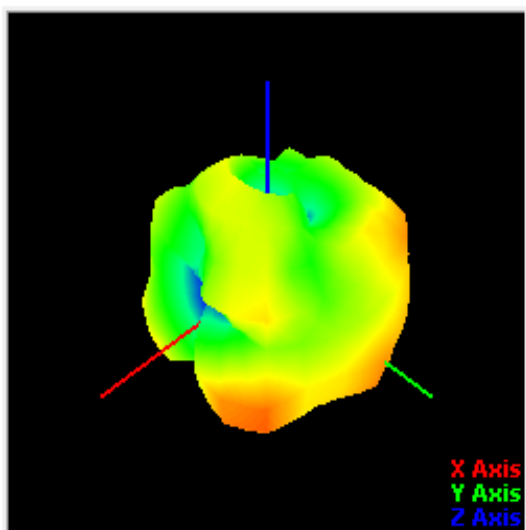
5250Mhz



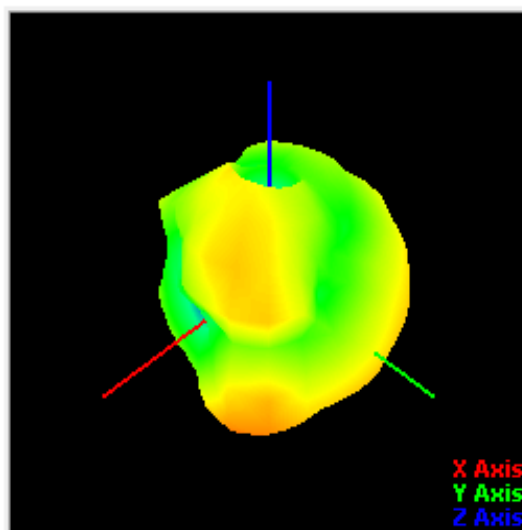
5400Mhz



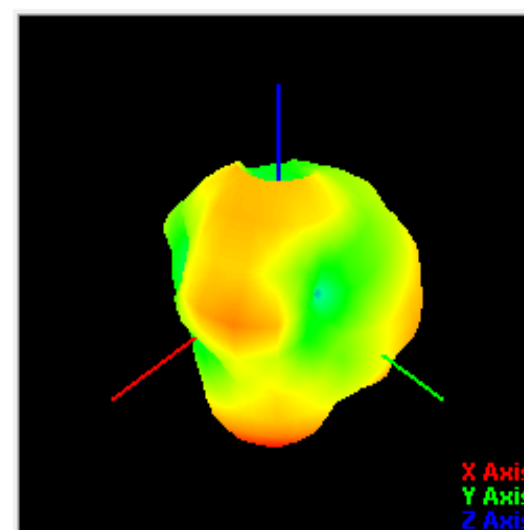
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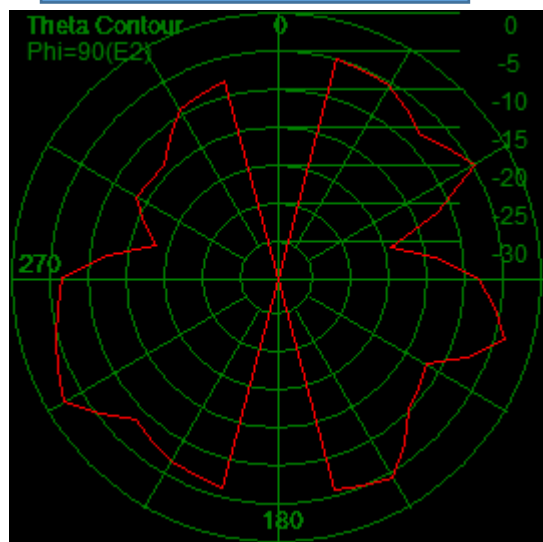
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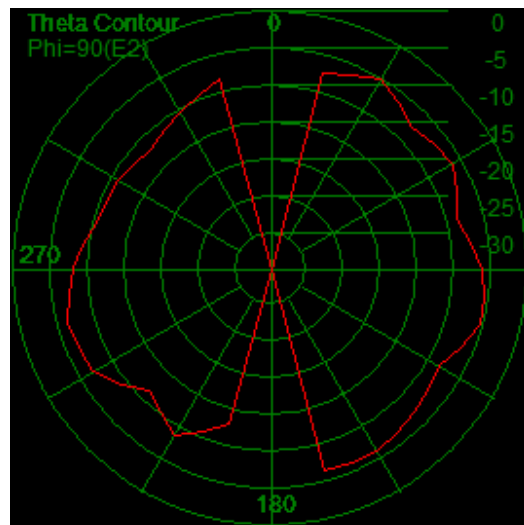
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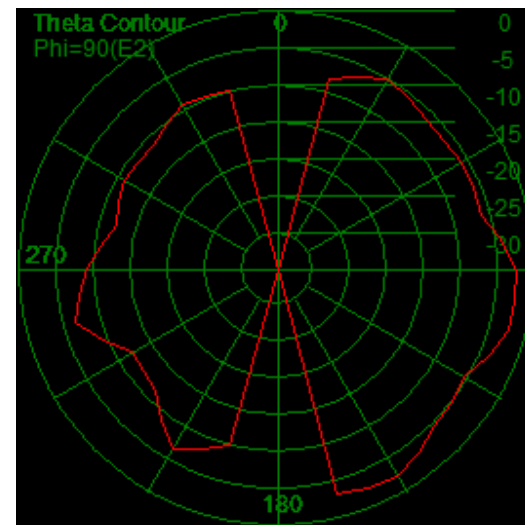
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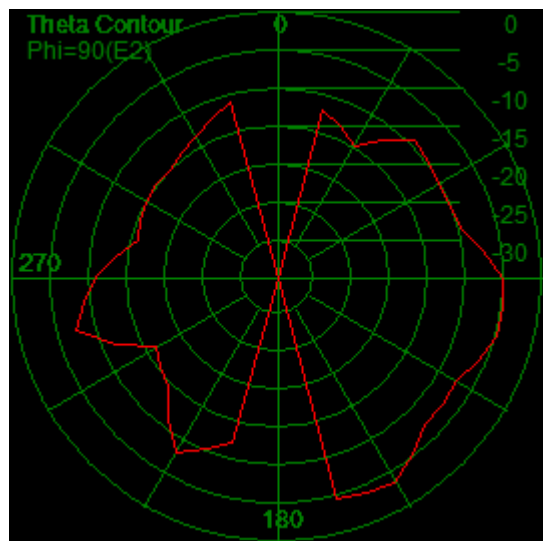
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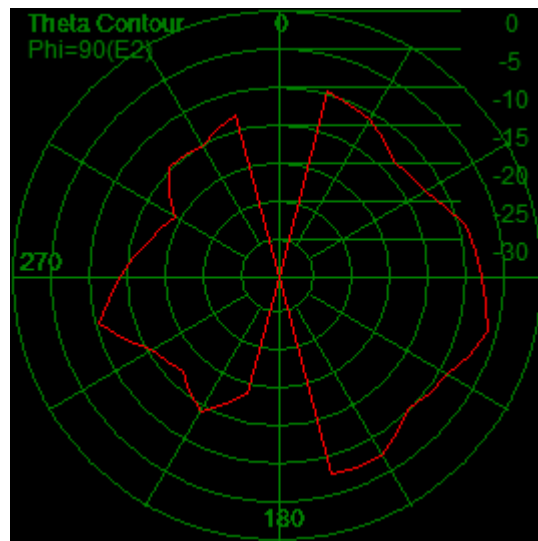
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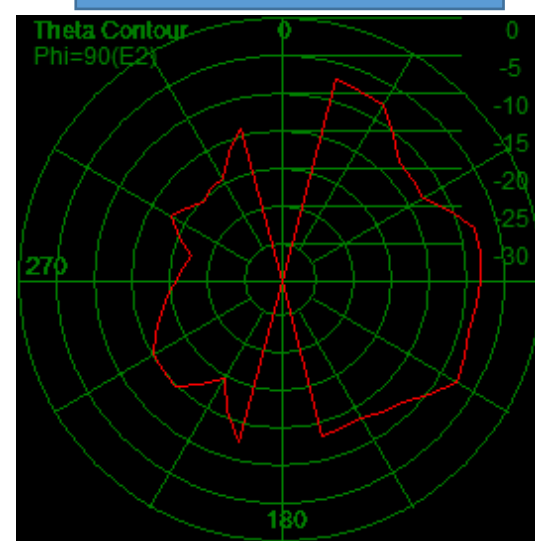
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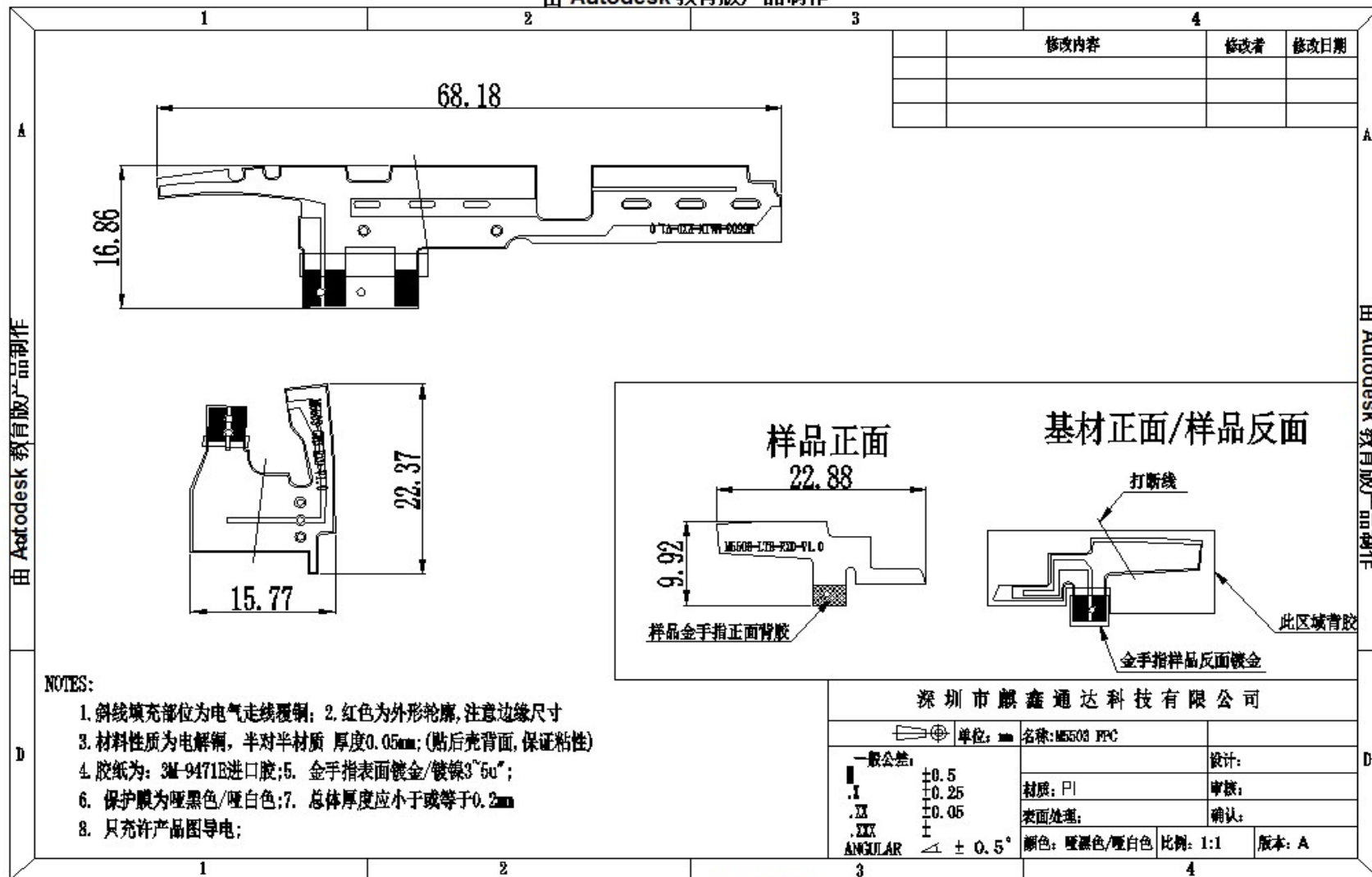
5700Mhz



5850Mhz



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