深圳市千目通讯科技有限公司

Shenzhen Qianmu Communication Technology Co.,Ltd.

天线承认书

适用型号	2.4G~5.8G WIFI 天线		
客户			
规格描述			
	产品内容	规格	客户物料编码
规格描述	2.4G - 5 . 8 G 天线	板载天线	
更改履历			
序号	日期	版本	更改内容简述
1	2024-9-20	V01	新项目
2			
3			

Manufacturer: Shenzhen Qianmu Communication Technology Co.,Ltd.

Address: No. 425.443, 4th Floor, Block A, Huafeng Zhigu-Hangcheng High-tech Industrial Park, Hangcheng Street, Sanwei Community, Baoan District, Shenzhen

深圳市千目通讯科技有限公司

Shenzhen Qianmu Communication Technology Co.,Ltd.

拒收原因或其它注意事项：

一、规格

1. 电性能参数

●频段/Frequency Range.....2400MHz ~2500MHz

●驻波比/VSWR..... <3

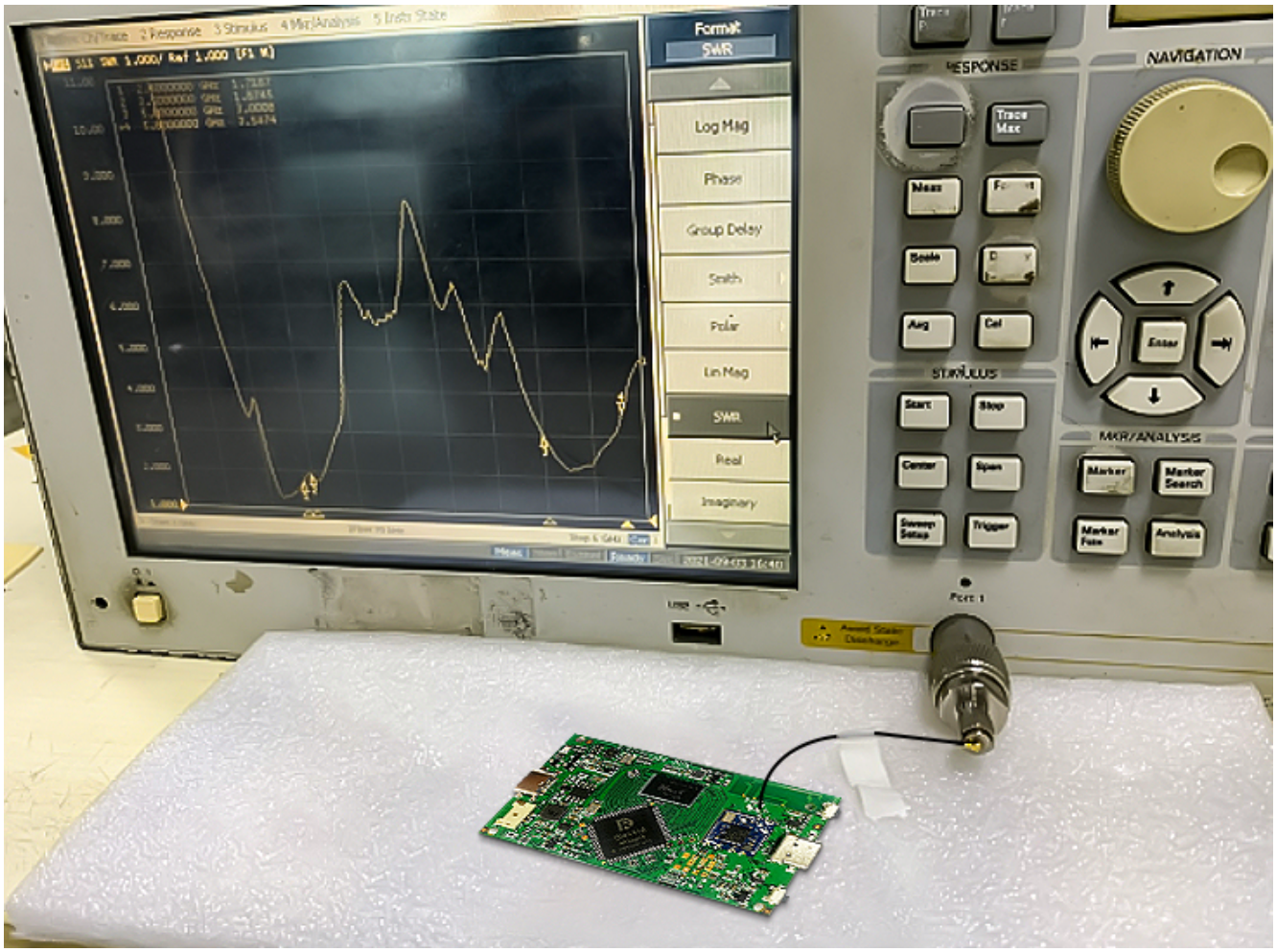
●效率/Efficiency..... Max59.37%

●增益/Peak Gain..... Max4.76dBi

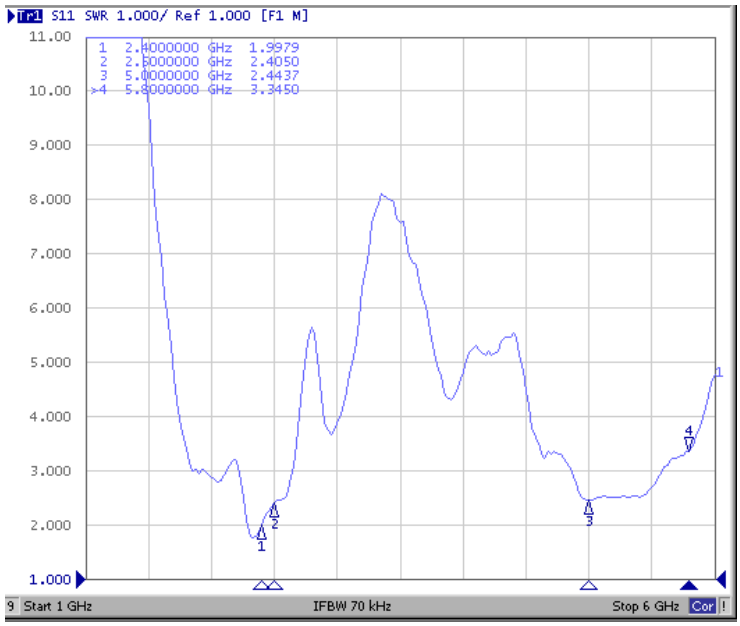
●极化/Polarization..... Linear

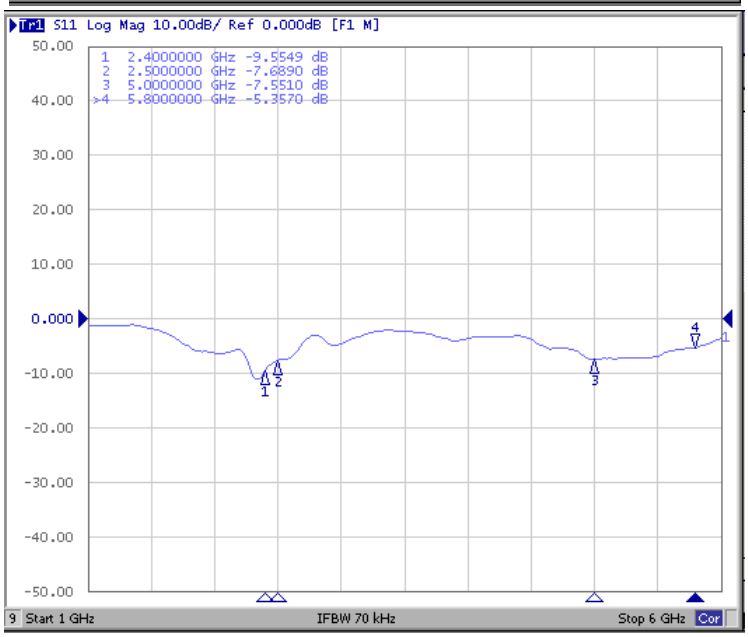
●特性阻抗/Input Impedance..... 50Ω

二、天线驻波图：


Format
SWR
Log Mag
Phase
Group Delay
Smith
Polar
Lin Mag
SWR
Real
Imaginary
RESPONSE
NAVIGATION
STIMULUS
MKR/ANALYSIS

Band	WIFI ANT 1			
	2400	2500	5000	5800
R.L(dB)	-9.5	-7.6	-5.0	-5.3
VSWR	2.4	2.5	5.0	5.8



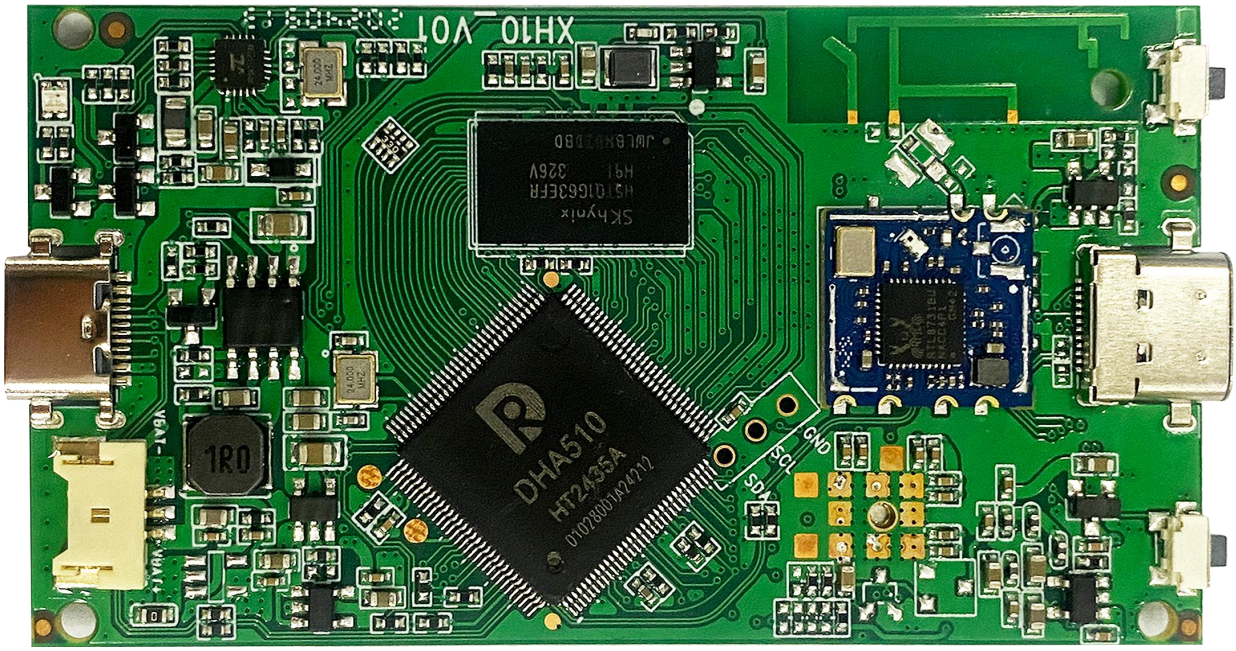


三、WIFI 天线增益效率：

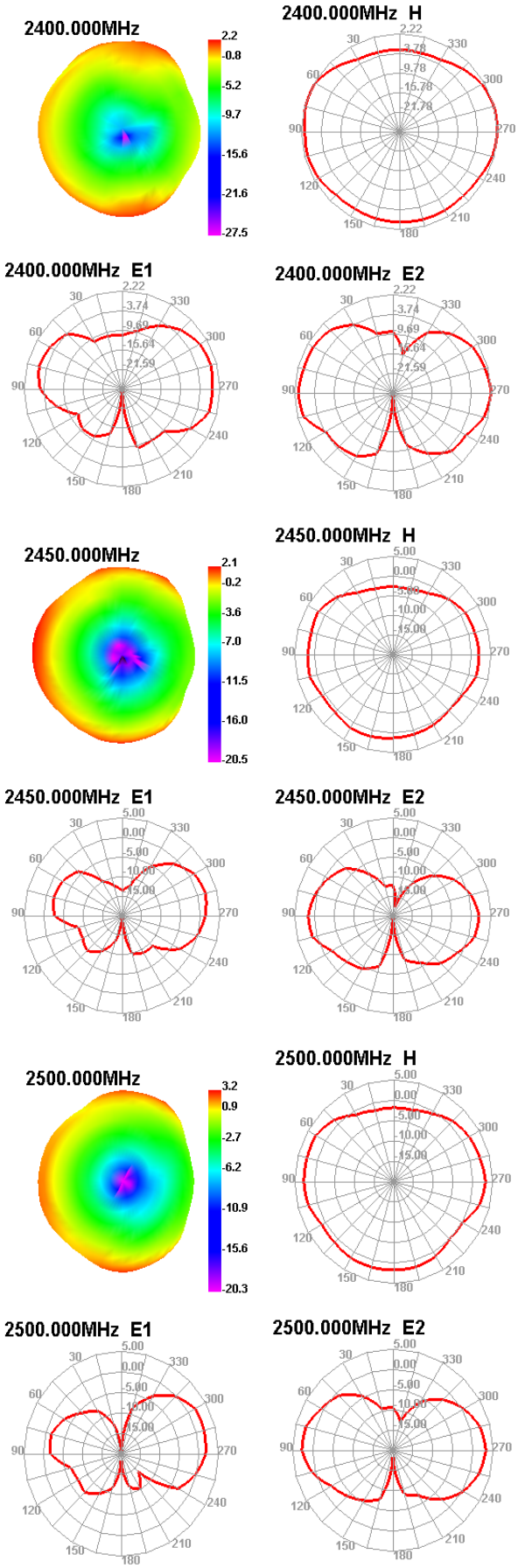
Passive Test For 2.4GWIFI ANT										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHIS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	61.52	-2.11	2.22	0.07	35.571	25.949	2.22	-27.55	48.51	48.38
2410	64.06	-1.93	2.29	0.14	36.742	27.314	2.29	-25.53	48.83	48.65
2420	66.12	-1.8	2.38	0.23	37.612	28.512	2.38	-22.28	49.05	49
2430	65.81	-1.82	2.26	0.11	37.346	28.461	2.26	-20.6	49.05	48.89
2440	65.35	-1.85	2.02	-0.13	37.17	28.18	2.02	-20.01	49.08	48.97
2450	65.38	-1.85	2.07	-0.08	37.527	27.856	2.07	-20.5	49.01	48.85
2460	64.41	-1.91	1.98	-0.17	37.405	27.004	1.98	-22.62	48.86	48.7
2470	63.62	-1.96	2.02	-0.13	37.359	26.262	2.02	-25.86	48.86	48.78
2480	67.12	-1.73	2.4	0.25	39.779	27.344	2.4	-24.33	49.29	49.19
2490	73.47	-1.34	2.97	0.82	43.799	29.668	2.97	-20.77	49.92	49.75
2500	75.94	-1.2	3.2	1.05	45.483	30.452	3.2	-20.26	49.95	49.77

Passive Test For 5G ANT										
Freq	Effi	Effi	Gain	Gain	UHIS	DHIS	Max	Min	Attenut	Attenut
(MHz)	(%)	(dB)	(dBi)	(dBd)	(%)	(%)	(dB)	(dB)	Hor	Ver
5010	39.32	-4.05	1.43	-0.72	18.274	21.042	1.43	-16.89	59.68	58.34
5100	26.83	-5.71	-0.05	-2.2	12.166	14.667	-0.05	-21.03	59.72	58.13
5200	19.01	-7.21	-1.98	-4.13	10.358	8.656	-1.98	-18.33	58.96	58.14
5300	32.37	-4.9	0.46	-1.69	18.755	13.618	0.46	-15.3	59.57	58.89
5400	40.81	-3.89	1.25	-0.9	22.27	18.536	1.25	-19.65	59.79	59.34
5500	40.82	-3.89	1.24	-0.91	21.53	19.288	1.24	-21.85	60.9	60.27
5600	41.1	-3.86	1.82	-0.33	21.008	20.095	1.82	-19.11	62.08	61.71
5700	28.1	-5.51	1.16	-0.99	13.828	14.274	1.16	-19.77	62.34	62.11
5800	23.98	-6.2	-0.71	-2.86	12.342	11.641	-0.71	-20.97	61.87	61.75

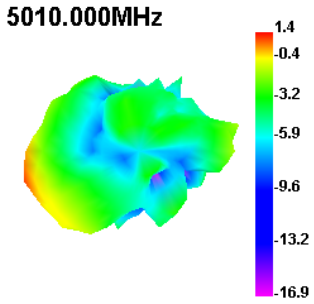
四、产品图片：

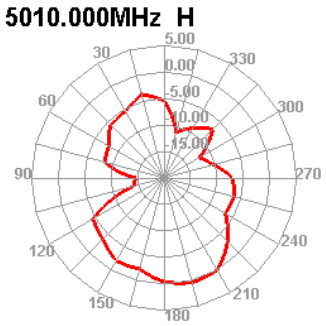


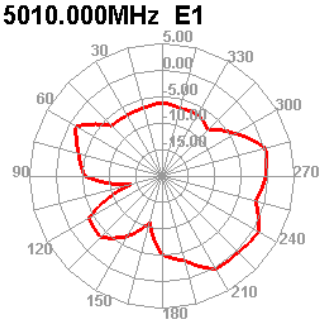
五、苹果图：　　ANT1- 2.4GWiFi

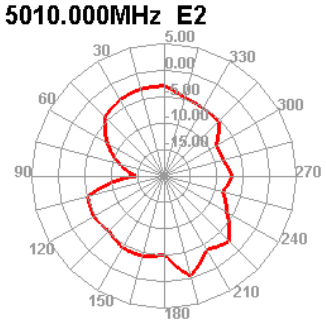


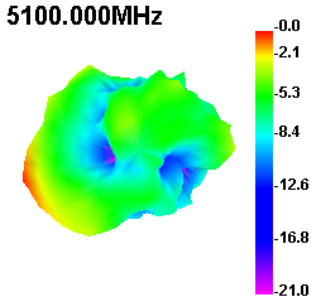
ANT1-5.8G WiFi

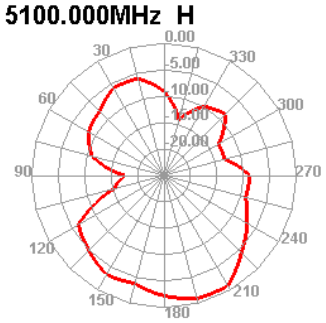


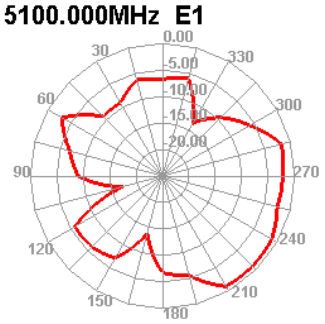


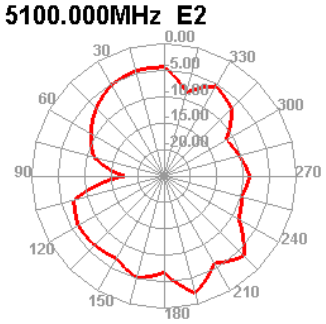


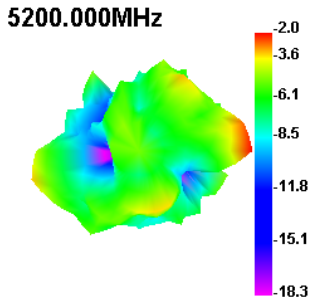


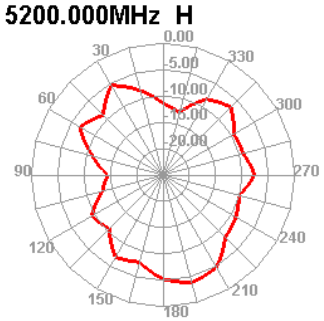












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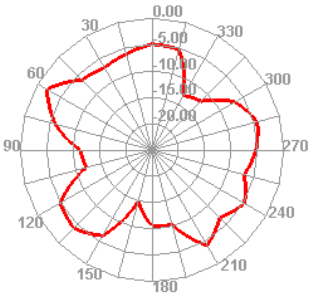

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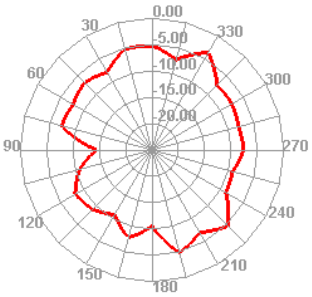

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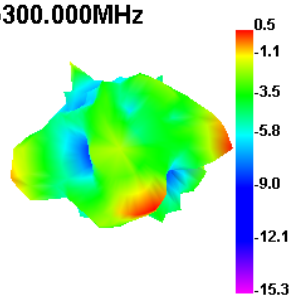

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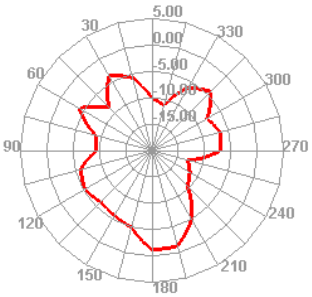

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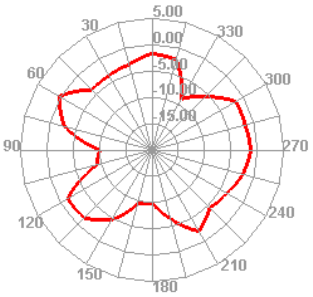

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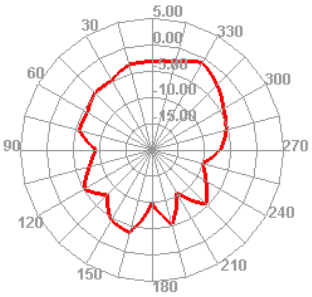

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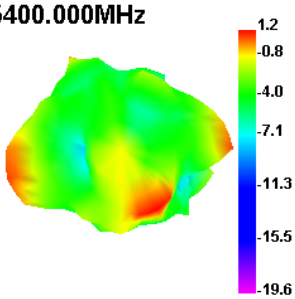

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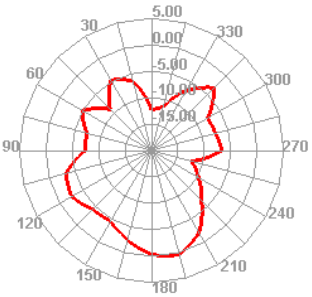

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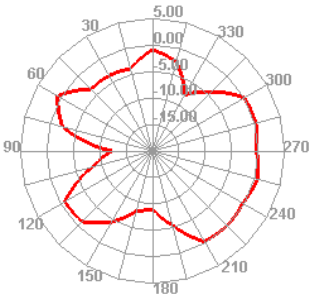

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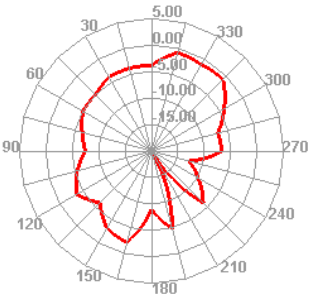

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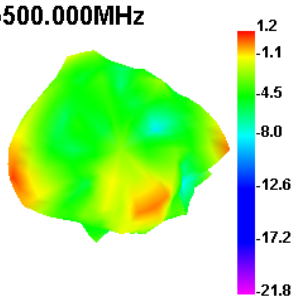

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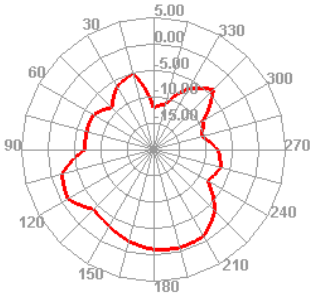

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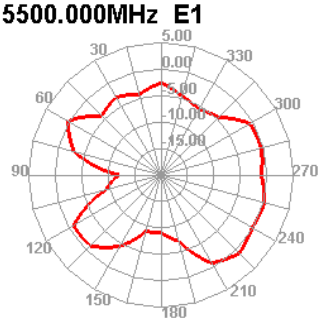

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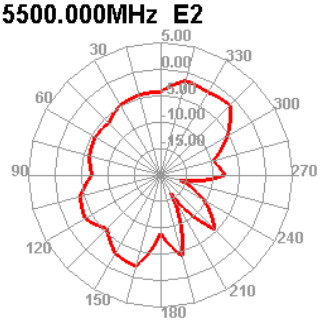

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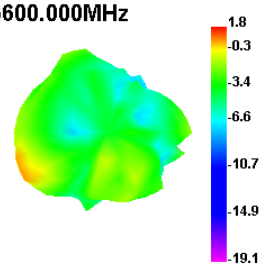

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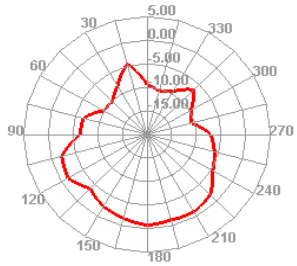

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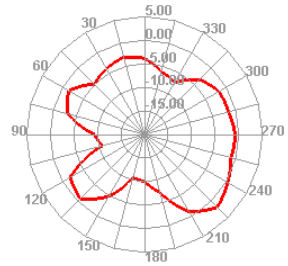

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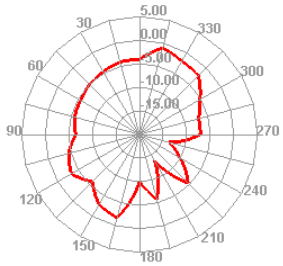

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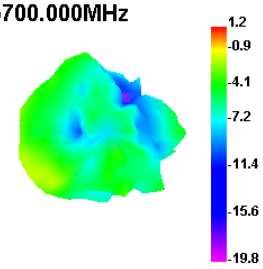

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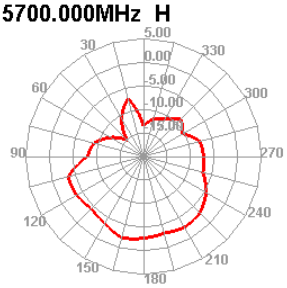

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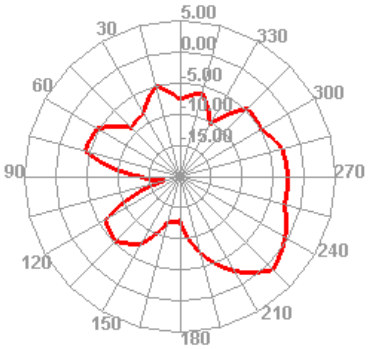

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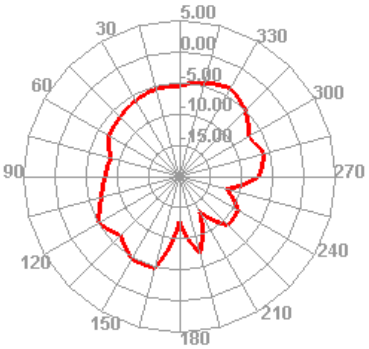

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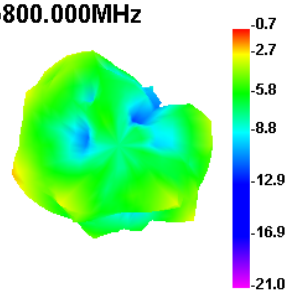

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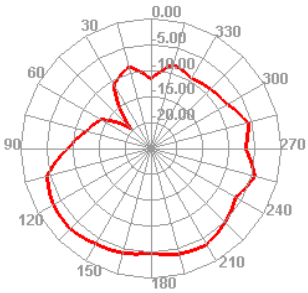

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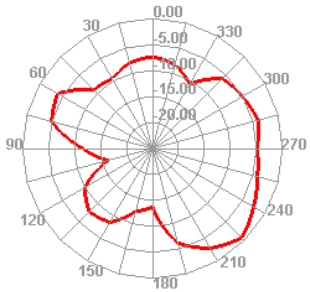
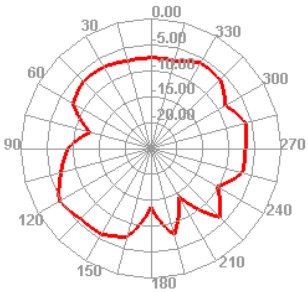
5800.000MHz E2