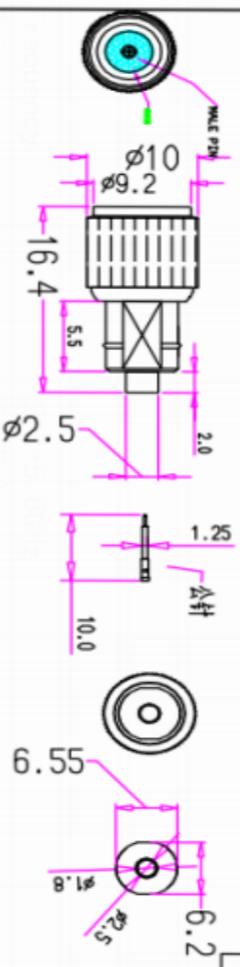
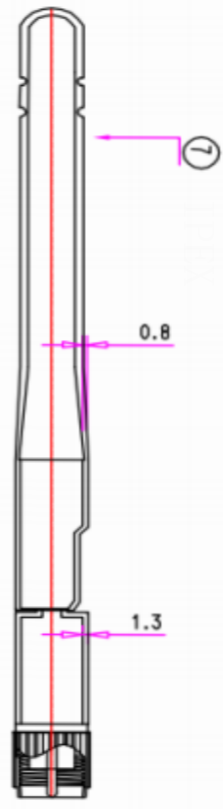
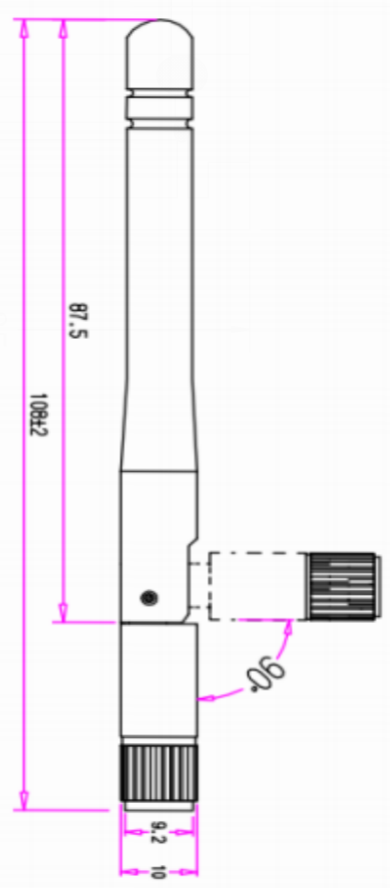
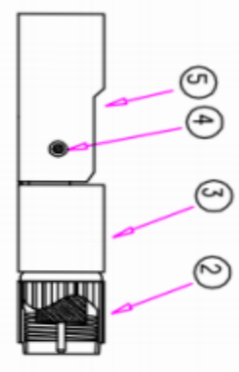


RoHS Compliant

测试条件:

额定电压: AC 60V 耐电压: AC200V
接触阻抗: 20-0hm 特性阻抗: 50 Ohm
绝缘阻抗: 500 m-ohm



要求: 1. 成品须100%测试导通OK
2. 成品须100%全检OK.
3. 采用环保制程, 成品
4. 符合ROHS要求.
5. 接头拉力: 5KG~
6. 未注公差请以一般公差为准.

频率范围(FREQUENCY RANGE)	2400-2500 MHz
增益 (Gain)	2dB1
电压驻波比(VSWR)	<2.0:1
极化 (Polarization)	Linear, Vertical
最大功率(Max power rating)	50W
特性阻抗 (Impedance)	50 OHM

No.	Name	Description	Qty	Part No.
1	线材	1.78mm-48mm-FEP L=75mm	1	1301-0055
2	SMA	2.4GZ-黑色-10*6.5*16.4-焊针插压	1	1101-0058
3	2.4G下座	6.5*9.4*19.7-不露线-黑色橡胶	1	
4	焊灯	1.6*3.8-不露线-黑色橡胶	2	
5	2.4G上座	6.5*9.32*28.8-不露线-黑色橡胶	1	
6	铜件	4.4*23*1.55-2.4G铜管-封圈	1	1701-0015
7	2.4G橡胶套	6.5*9.2*67.5-不露线-黑色橡胶	1	
8	PE胶	150*38*0.4(白色管胶)打孔	1	1801-0003
9	PE胶	205*150*0.4(白色管胶)打孔	1/50	1801-0006

零件名称 (PART NAME)	数量 (QTY)	比例 (SCALE)	版本 (REV)	规格 (SIZE)
零件料号 (CUS NO.)	3030-0011	3030-0011	3030-0011	3030-0011
设计	设计	设计	设计	设计
审核	审核	审核	审核	审核
批准	批准	批准	批准	批准
日期	2010-10-15	2010-10-15	2010-10-15	2010-10-15

深圳市华圣电子有限公司

一、规格表:

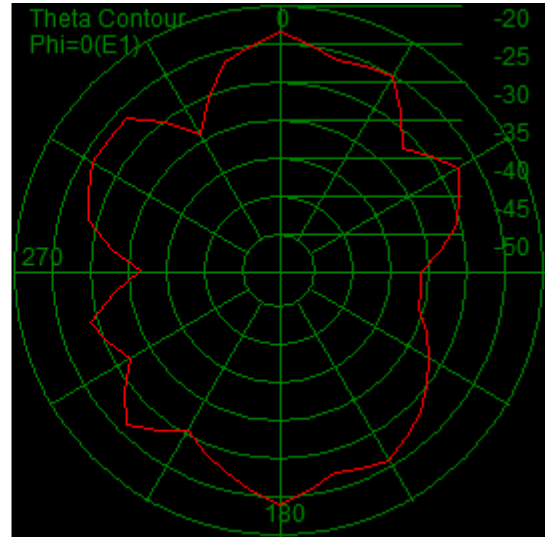
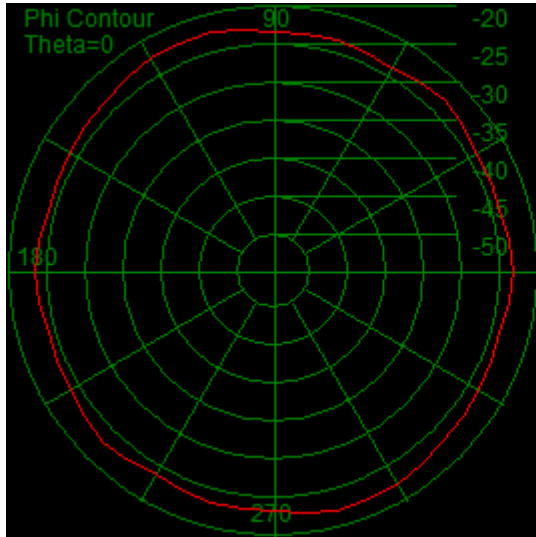
产品主要技术参数

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2.4+5.8G	Frequency Range (MHZ)	2.4+5.8G
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	5±1	Gain(dBi)	5±1
输出电压 驻波比	≦ 1.92	VSWR	≦ 1.92
最大功率	50W	Admitted Power	50W
极化方式	垂直极化	Polarization	Linear,Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	焊线	Type	Soldering tin
物理性能		Physical Properties	
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

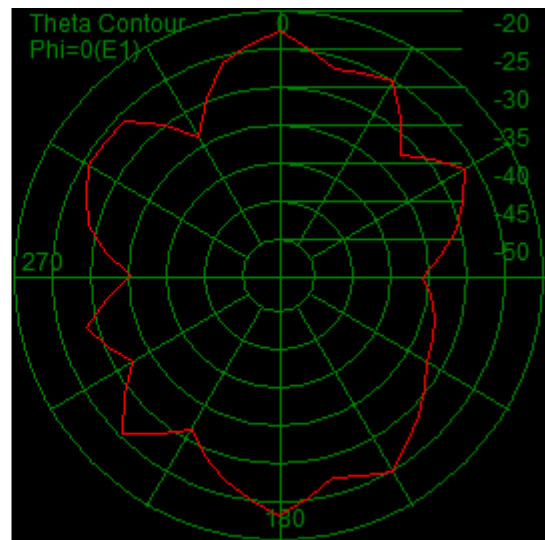
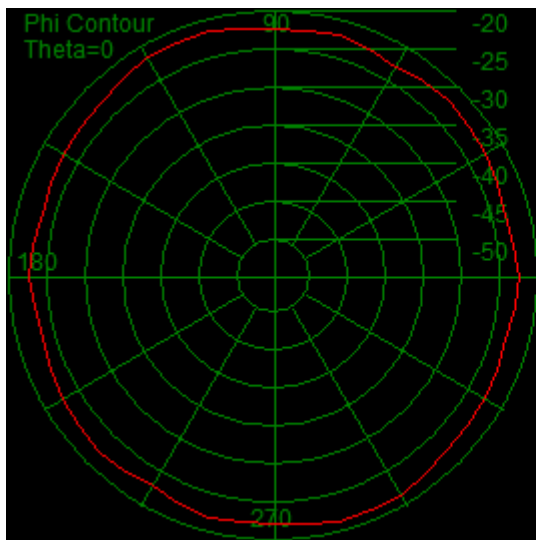
Antenna Test Report (Passive-BW)

Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dBi)	Directivity (dBi)	Efficiency (%)	Efficiency (dB)	Max (dBm)	Theta of Max	Phi of Max	Min (dBm)	Theta of Min	Phi of Min	AVG (dBm)	Max/Min	Max/AVG (dB)	Min/AVG (dB)
1	2400.0	2400.00	-21.92	5.42	0.2%	-27.34	-21.92	7500	9000	-37.65	10500	1500	-26.86	15.73	4.94	-10.79
2	2410.0	2410.00	-21.08	5.72	0.2%	-26.80	-21.08	7500	9000	-38.68	9000	16680	-26.31	17.60	5.23	-12.37
3	2420.0	2420.00	-20.69	5.61	0.2%	-26.30	-20.69	0	10500	-38.53	3000	16500	-25.78	17.84	5.09	-12.75
4	2430.0	2430.00	-19.87	5.72	0.3%	-25.58	-19.87	0	10500	-38.59	9000	16680	-25.06	18.72	5.19	-13.53
5	2440.0	2440.00	-19.74	5.58	0.3%	-25.32	-19.74	0	10500	-37.60	9000	16680	-24.79	17.86	5.06	-12.80
6	2450.0	2450.00	-19.87	5.55	0.3%	-25.43	-19.87	0	10500	-37.19	16500	9000	-24.89	17.31	5.02	-12.29
7	2460.0	2460.00	-19.77	5.42	0.3%	-25.18	-19.77	7500	9000	-37.26	16500	9000	-24.69	17.49	4.93	-12.57
8	2470.0	2470.00	-19.99	5.25	0.3%	-25.24	-19.99	7500	9000	-36.53	16500	9000	-24.77	16.54	4.78	-11.76
9	2480.0	2480.00	-19.82	5.37	0.3%	-25.19	-19.82	7500	9000	-34.82	3000	15000	-24.77	15.00	4.95	-10.05
10	2490.0	2490.00	-19.93	5.31	0.3%	-25.23	-19.93	7500	9000	-34.17	3000	15000	-24.84	14.24	4.91	-9.33
11	2500.0	2500.00	-21.15	5.17	0.2%	-26.32	-21.15	7500	10500	-34.97	3000	15000	-25.92	13.82	4.77	-9.05
12	5100.0	5100.00	-16.15	6.14	0.6%	-22.30	-16.15	3000	15000	-40.12	15000	15000	-22.06	23.97	5.90	-18.07
13	5110.0	5110.00	-16.60	6.55	0.5%	-23.15	-16.60	3000	180	-41.08	4500	7500	-22.96	24.48	6.36	-18.12
14	5120.0	5120.00	-17.92	5.76	0.4%	-23.68	-17.92	3000	16500	-42.73	9000	15180	-23.57	24.81	5.65	-19.16
15	5130.0	5130.00	-18.25	5.77	0.4%	-24.02	-18.25	3000	1680	-38.05	4500	7500	-23.93	19.80	5.67	-14.13
16	5140.0	5140.00	-17.99	6.15	0.4%	-24.14	-17.99	3000	15000	-39.12	4500	7500	-24.07	21.12	6.08	-15.05
17	5150.0	5150.00	-17.68	6.48	0.4%	-24.17	-17.68	3000	180	-37.89	4500	16680	-24.15	20.21	6.47	-13.74
18	5160.0	5160.00	-18.54	6.42	0.3%	-24.96	-18.54	3000	16500	-41.47	4500	16680	-24.91	22.93	6.37	-16.56
19	5170.0	5170.00	-19.35	6.39	0.3%	-25.74	-19.35	3000	180	-43.19	12000	15180	-25.77	23.85	6.42	-17.42
20	5180.0	5180.00	-19.88	6.31	0.2%	-26.19	-19.88	3000	180	-45.74	9000	15180	-26.19	25.86	6.31	-19.55
21	5190.0	5190.00	-20.34	6.06	0.2%	-26.40	-20.34	3000	180	-44.09	9000	15180	-26.44	23.76	6.10	-17.66
22	5200.0	5200.00	-20.43	5.77	0.2%	-26.19	-20.43	3000	180	-51.49	4500	1500	-26.25	31.06	5.82	-25.24
23	5210.0	5210.00	-20.59	5.56	0.2%	-26.15	-20.59	3000	16500	-45.21	9000	15180	-26.19	24.62	5.60	-19.02
24	5220.0	5220.00	-21.07	5.79	0.2%	-26.86	-21.07	3000	180	-45.11	9000	15180	-26.82	24.04	5.75	-18.29
25	5230.0	5230.00	-21.68	5.35	0.2%	-27.04	-21.68	3000	16500	-41.12	6000	12180	-27.05	19.44	5.37	-14.07
26	5240.0	5240.00	-21.40	5.45	0.2%	-26.85	-21.40	4500	13500	-47.87	6000	15180	-26.82	26.47	5.42	-21.05
27	5250.0	5250.00	-21.53	5.28	0.2%	-26.81	-21.53	3000	180	-41.88	6000	15180	-26.74	20.35	5.21	-15.14
28	5260.0	5260.00	-20.64	5.48	0.2%	-26.11	-20.64	6000	1680	-39.92	10500	9000	-25.99	19.28	5.36	-13.93
29	5270.0	5270.00	-21.09	5.16	0.2%	-26.26	-21.09	6000	1680	-41.55	6000	15180	-26.13	20.46	5.04	-15.42
30	5280.0	5280.00	-21.09	5.29	0.2%	-26.38	-21.09	15000	6000	-38.33	9000	15180	-26.23	17.25	5.14	-12.11
31	5290.0	5290.00	-21.24	4.78	0.3%	-26.01	-21.24	6000	15000	-38.59	16500	15000	-25.88	17.35	4.64	-12.71
32	5300.0	5300.00	-20.80	4.94	0.3%	-25.73	-20.80	4500	13500	-42.18	9000	15180	-25.59	21.38	4.80	-16.59
33	5310.0	5310.00	-19.60	4.88	0.4%	-24.48	-19.60	3000	1680	-37.12	7500	10680	-24.30	17.53	4.71	-12.82
34	5320.0	5320.00	-18.68	5.32	0.4%	-24.00	-18.68	6000	3180	-36.98	15000	16680	-23.89	18.29	5.21	-13.09
35	5330.0	5330.00	-19.88	4.54	0.4%	-24.41	-19.88	15000	7500	-42.10	4500	3000	-24.19	22.22	4.31	-17.91
36	5340.0	5340.00	-18.56	5.47	0.4%	-24.03	-18.56	12000	9000	-36.25	18000	12000	-23.86	17.69	5.29	-12.39
37	5350.0	5350.00	-18.35	5.01	0.5%	-23.36	-18.35	12000	10500	-33.76	4500	13680	-23.24	15.40	4.89	-10.51
38	5360.0	5360.00	-16.08	6.32	0.6%	-22.39	-16.08	12000	9000	-36.31	15000	16500	-22.26	20.23	6.18	-14.05
39	5370.0	5370.00	-16.01	5.67	0.7%	-21.69	-16.01	12000	9000	-34.87	16500	15000	-21.49	18.86	5.47	-13.38
40	5380.0	5380.00	-15.54	6.46	0.6%	-22.00	-15.54	12000	9000	-35.58	4500	4500	-21.88	20.05	6.35	-13.70
41	5390.0	5390.00	-16.09	6.27	0.6%	-22.36	-16.09	12000	9000	-36.10	15000	15180	-22.25	20.01	6.15	-13.85
42	5400.0	5400.00	-15.84	6.50	0.6%	-22.35	-15.84	12000	9000	-42.93	12000	16680	-22.25	27.09	6.40	-20.69
43	5410.0	5410.00	-15.41	5.93	0.7%	-21.34	-15.41	12000	9000	-40.59	4500	12180	-21.23	25.17	5.81	-19.36
44	5420.0	5420.00	-14.59	6.18	0.8%	-20.77	-14.59	12000	9000	-35.39	3000	15180	-20.61	20.80	6.02	-14.78
45	5430.0	5430.00	-14.50	6.55	0.8%	-21.05	-14.50	12000	9000	-31.78	3000	7500	-20.88	17.28	6.38	-10.90
46	5440.0	5440.00	-14.73	6.55	0.7%	-21.28	-14.73	15000	7500	-37.31	4500	13680	-21.12	22.59	6.39	-16.19
47	5450.0	5450.00	-15.63	5.75	0.7%	-21.38	-15.63	13500	10500	-40.07	6000	13680	-21.19	24.44	5.56	-18.88
48	5460.0	5460.00	-14.55	6.37	0.8%	-20.92	-14.55	15000	6000	-36.65	3000	13680	-20.80	22.10	6.26	-15.85
49	5470.0	5470.00	-14.66	6.04	0.9%	-20.70	-14.66	12000	10500	-37.57	7500	15180	-20.60	22.91	5.93	-16.98
50	5480.0	5480.00	-13.88	6.72	0.9%	-20.60	-13.88	15000	6000	-46.97	3000	13680	-20.44	33.09	6.56	-26.53
51	5490.0	5490.00	-14.85	5.92	0.8%	-20.77	-14.85	16500	9000	-43.30	4500	4500	-20.70	28.45	5.85	-22.60
52	5500.0	5500.00	-15.53	5.79	0.7%	-21.32	-15.53	16500	9000	-33.56	3000	15180	-21.23	18.02	5.70	-12.32
53	5510.0	5510.00	-15.06	5.90	0.8%	-20.96	-15.06	4500	180	-36.13	3000	13680	-20.89	21.07	5.84	-15.23
54	5520.0	5520.00	-14.56	6.02	0.9%	-20.58	-14.56	15000	7500	-32.73	15000	12180	-20.56	18.17	6.00	-12.17
55	5530.0	5530.00	-14.88	5.59	0.9%	-20.47	-14.88	15000	7500	-36.84	15000	12180	-20.47	21.96	5.59	-16.37
56	5540.0	5540.00	-14.28	6.09	0.9%	-20.37	-14.28	7500	1680	-31.21	6000	16680	-20.48	16.94	6.20	-10.73
57	5550.0	5550.00	-14.56	6.61	0.8%	-21.18	-14.56	12000	9000	-34.44	4500	15180	-21.35	19.87	6.79	-13.08
58	5560.0	5560.00	-16.54	4.52	0.8%	-21.06	-16.54	7500	1680	-35.01	6000	16680	-21.30	18.46	4.76	-13.70
59	5570.0	5570.00	-16.20	4.85	0.8%	-21.05	-16.20	4500	16500	-36.96	6000	16680	-21.29	20.76	5.09	-15.68
60	5580.0	5580.00	-15.50	5.39	0.8%	-20.88	-15.50	12000	9000	-35.06	15000	16680	-21.12	19.57	5.62	-13.94
61	5590.0	5590.00	-14.25	6.18	0.9%	-20.42	-14.25	12000	9000	-35.74	15000	13680	-20.71	21.49	6.46	-15.03
62	5600.0	5600.00	-15.32	5.95	0.7%	-21.27	-15.32	12000	9000	-35.03	0	1500	-21.56	19.71	6.23	-13.47
63	5610.0	5610.00	-15.74	6.29	0.6%	-22.03	-15.74	12000	9000	-34.61	13500	10680	-22.27	18.87	6.53	-12.33
64	5620.0	5620.00	-15.37	6.58	0.6%	-21.95	-15.37	12000	9000	-33.57	7500	10500	-22.25	18.20	6.89	-11.32
65	5630.0	5630.00	-15.63	5.79	0.7%	-21.42	-15.63	13500	9000	-37.45	13500	1500	-21.67	21.82	6.04	-15.78
66	5640.0	5640.00	-14.24	6.81	0.8%	-21.05	-14.24	12000	9000	-37.58	13500	0	-21.23	23.34	7.00	-16.34
67	5650.0	5650.00	-15.53	6.35	0.6%	-21.88	-15.53	12000	9000	-34.89	1500	12180	-21.99	19.35	6.46	-12.89
68	5660.0	5660.00	-16.68	6.09	0.5%	-22.77	-16.68	12000	9000	-40.38	10500	9180	-22.89	23.70	6.21	-17.49
69	5670.0	5670.00	-17.28	6.02	0.5%	-23.31	-17.28	12000	9000	-36.82	13500	3000	-23.37	19.54	6.09	-13.45
70	5680.0	5680.00	-16.37	7.04	0.5%	-23.41	-16.37	12000	9000	-39.03	9000	13500	-23.47	22.66	7.10	-15.56
71	5690.0	5690.00	-16.03	6.95	0.5%	-22.98	-16.03	12000	9000	-38.22	13500	4500	-22.99	22.20	6.96	-15.23
72	5700.0	5700.00	-16.87	6.35	0.5%	-23.22	-16.87	12000	9000	-42.66	7500	9180	-23.20	25.79	6.33	-19.46
73	5710.0	5710.00	-16.16	7.84	0.4%	-24.01	-16.16	12000	9000	-41.24	1500					

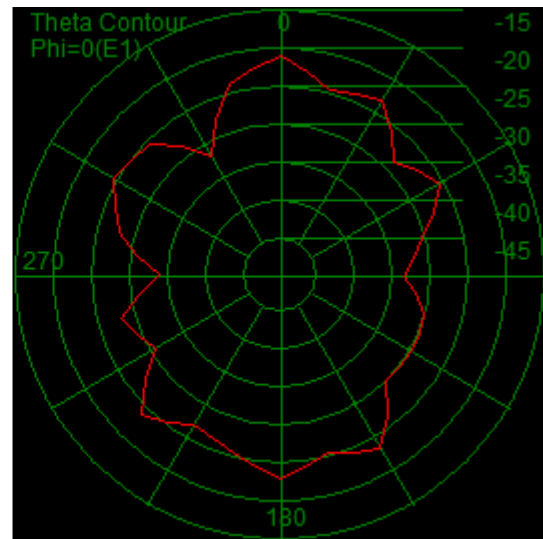
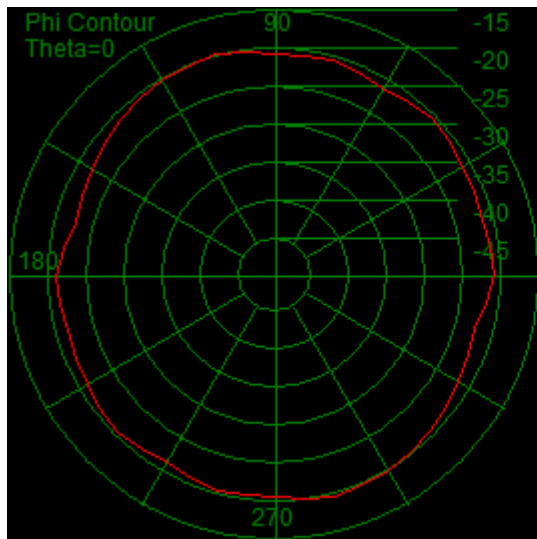
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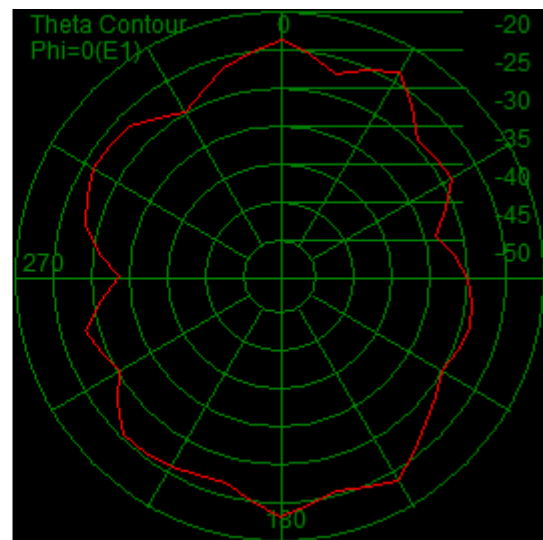
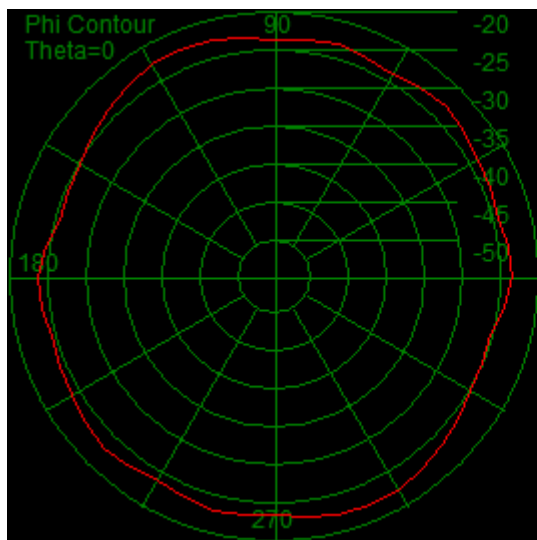
2410MHz



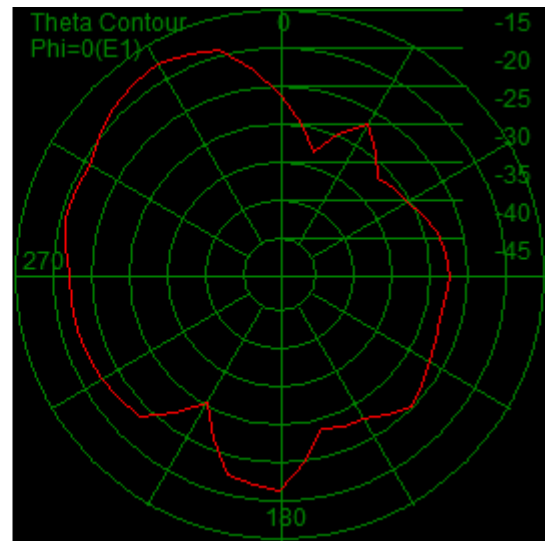
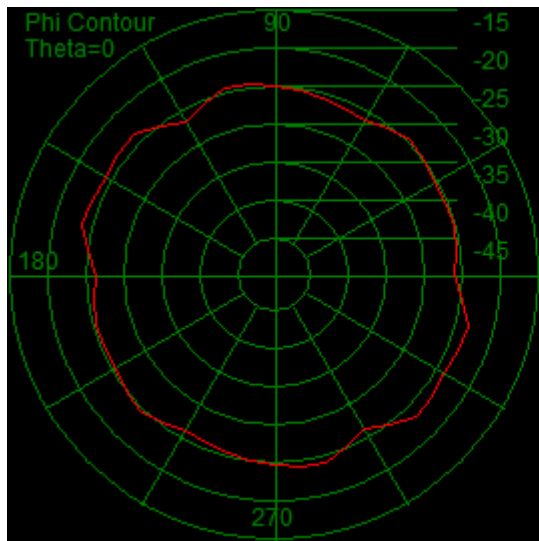
2450MHz



2500MHz



5150MHz



5850MHz

