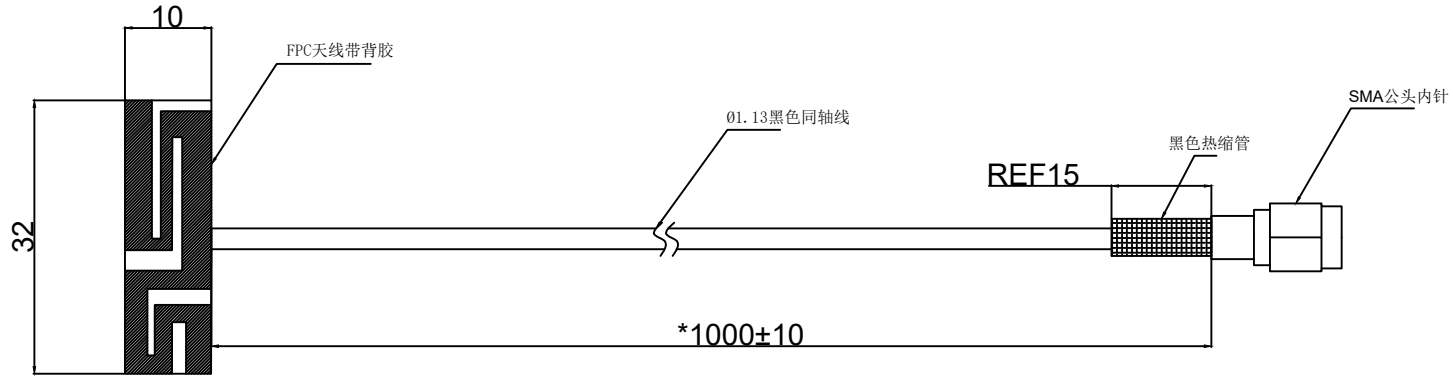


图名:
TITLE:

型号: D-SY-天线SMA公头内针-FPC天线

Model: D-SY-Antenna SMA Male Pin-FPC
Antenna



技术要求

- 1、电线频率范围(MHz):2400-2500/5150-5850;
- 2、输入阻抗 (Ω):50;增益(dBi):2.0-0.5;最大功率:1W;
- 3、端子与引线的拉力应>10N;
- 4、天线规格需与摄像头主板配套测试满足功能要求;
- 5、带*为关键质量控制尺寸。

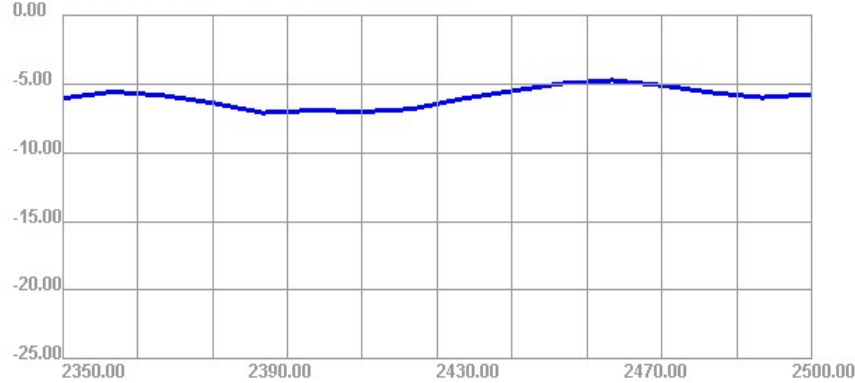
Dongguan KARD0 Electronics Co.,LTD,
Room 2D10, Baoyunda R&D Complex,
Bao'an District, Shenzhen 518000,
Guangdong Province, China

序号 ITEM	变更日期 MODIFY DATE	版次 REVISION	变 更 说 明 MODIFY EXPLAIN						
△		A→			客户料号: CUSTOMER:				
△		→			文件编号: FILE NO:				
核准: APPROVE BY:		审查: CHECK BY:	绘图: DRAWN BY:XN	日期: DATE:	ECN 号: ECN NO:	版次: REVISION: A	页次: SHEET: 1/1	单位: UNIT: mm	
1		2		3	4	5	6	7	8

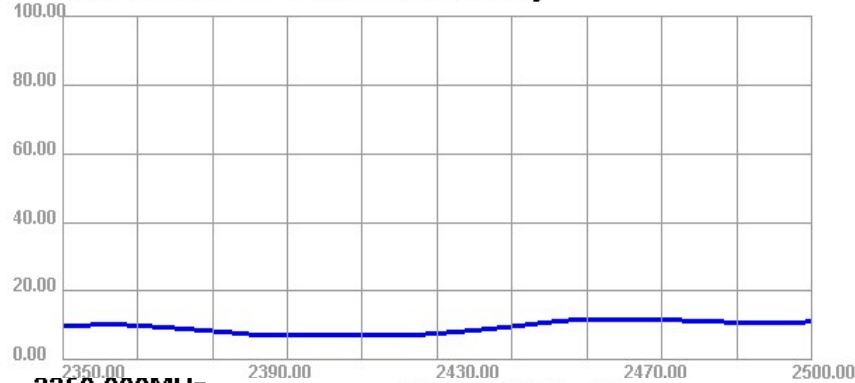
Application Information	
04Version	5.272.372
TotalTime	9m 32s 748ms
AdditionalInfor	NULL

Passive Test For WIFI2.4												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2350	9.9	-10.04	-6.06	-8.21	5.879	4.024	-6.06	-20.14	3.99	45	45.58	46.62
2360	10.45	-9.81	-5.58	-7.73	6.185	4.262	-5.58	-19.82	4.23	45	45.89	46.82
2370	9.57	-10.19	-5.84	-7.99	5.65	3.921	-5.84	-20.24	4.35	45	45.6	46.64
2380	8.47	-10.72	-6.39	-8.54	4.967	3.498	-6.39	-21.16	4.34	45	45.73	46.79
2390	7.2	-11.42	-7.1	-9.25	4.199	3.004	-7.1	-21.6	4.33	45	45.72	46.77
2400	7.33	-11.35	-6.93	-9.08	4.286	3.044	-6.93	-22.75	4.42	45	45.89	46.97
2410	7.24	-11.4	-7.03	-9.18	4.22	3.019	-7.03	-22.66	4.38	45	45.89	46.95
2420	7.23	-11.41	-6.83	-8.98	4.18	3.046	-6.83	-22.58	4.58	60	45.94	46.92
2430	8.33	-10.79	-6.09	-8.24	4.748	3.58	-6.09	-22.79	4.71	0	46.1	47.2
2440	9.76	-10.11	-5.52	-7.67	5.51	4.249	-5.52	-23.18	4.59	0	45.98	46.98
2450	11.47	-9.4	-4.98	-7.13	6.458	5.016	-4.98	-23.84	4.42	0	46.16	47.27
2460	11.93	-9.24	-4.74	-6.89	6.704	5.222	-4.74	-25.67	4.49	0	46.14	47.15
2470	11.74	-9.3	-5.12	-7.27	6.596	5.139	-5.12	-24.89	4.19	15	46.15	47.34
2480	11.24	-9.49	-5.64	-7.79	6.27	4.967	-5.64	-23.67	3.85	15	46.44	47.46
2490	10.67	-9.72	-5.99	-8.14	5.935	4.736	-5.99	-24.02	3.73	15	46.43	47.71
2500	11.15	-9.53	-5.75	-7.9	6.216	4.934	-5.75	-24.71	3.78	30	46.68	47.71

2350.00MHz - 2500.00MHz Gain



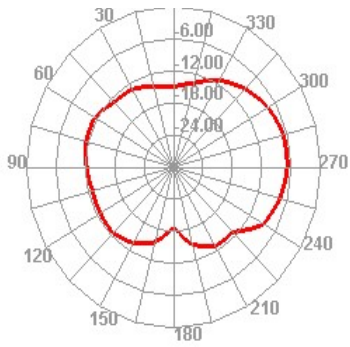
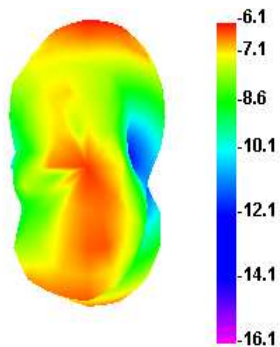
2350.00MHz - 2500.00MHz Efficiency



2350.000MHz

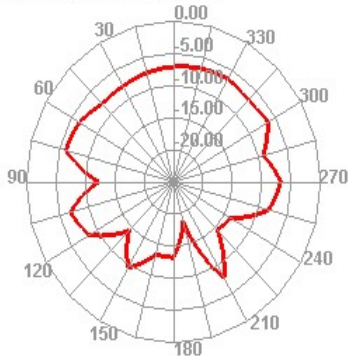
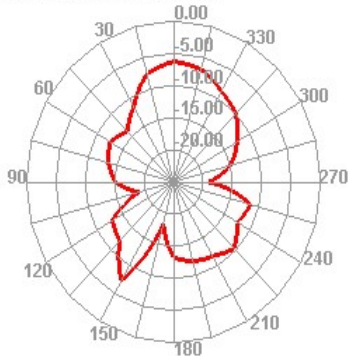
2350.000MHz H

0.00



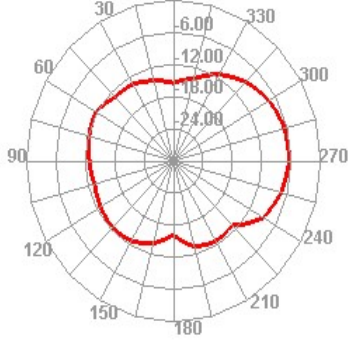
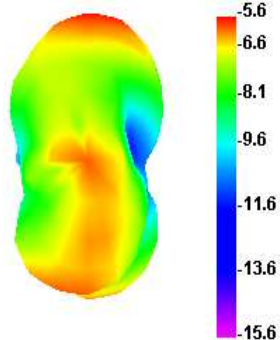
2350.000MHz E1

2350.000MHz E2



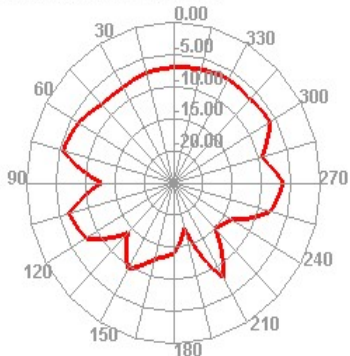
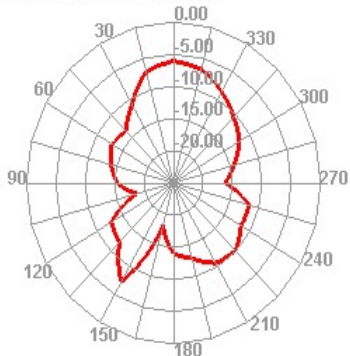
2360.000MHz

2360.000MHz H



2360.000MHz E1

2360.000MHz E2

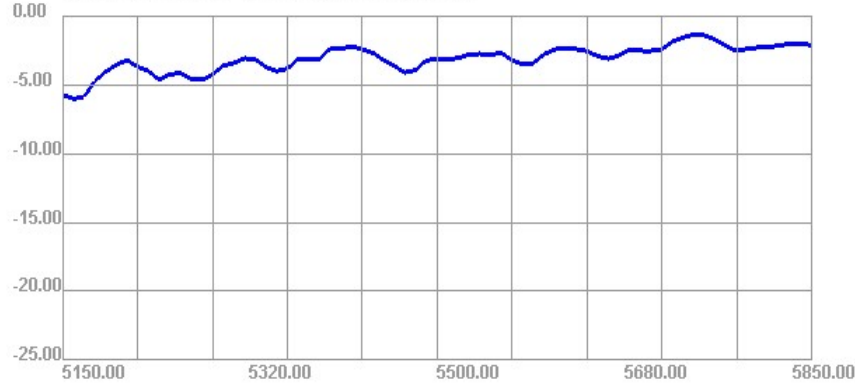


Application Information	
04Version	5.272.372
TotalTime	9m 32s 748ms
AdditionalInfor	NULL

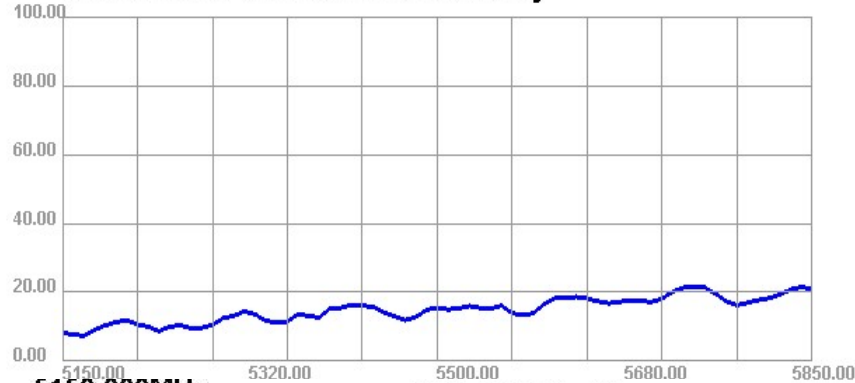
Passive Test For WIFI5.8												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5150	8.47	-10.72	-5.72	-7.87	5.576	2.892	-5.72	-23.13	5	30	53.93	53.66
5160	7.6	-11.19	-6.02	-8.17	5.035	2.565	-6.02	-23.64	5.17	30	53.72	53.5
5170	7.47	-11.26	-5.87	-8.02	4.966	2.508	-5.87	-23.66	5.39	45	53.73	53.5
5180	9.2	-10.36	-4.76	-6.91	6.14	3.061	-4.76	-24.05	5.61	45	53.4	53.16
5190	10.4	-9.83	-4.04	-6.19	7.006	3.395	-4.04	-23.34	5.78	45	53.6	53.38
5200	11.34	-9.45	-3.57	-5.72	7.722	3.615	-3.57	-25.08	5.89	45	53.72	53.39
5210	11.94	-9.23	-3.2	-5.35	8.228	3.708	-3.2	-23.43	6.03	45	53.78	53.53
5220	10.61	-9.74	-3.68	-5.83	7.397	3.217	-3.68	-22.98	6.06	45	53.42	53.08
5230	10.08	-9.97	-4	-6.15	7.079	2.999	-4	-23.07	5.97	45	53.59	53.29
5240	8.7	-10.6	-4.64	-6.79	6.127	2.576	-4.64	-23.7	5.97	45	53.44	53.06
5250	10.02	-9.99	-4.23	-6.38	7.058	2.959	-4.23	-22.51	5.77	15	53.57	53.2
5260	10.41	-9.82	-4.15	-6.3	7.344	3.071	-4.15	-22.74	5.68	45	53.66	53.34
5270	9.56	-10.19	-4.56	-6.71	6.773	2.79	-4.56	-23.86	5.64	15	53.4	53.12
5280	9.61	-10.17	-4.63	-6.78	6.81	2.804	-4.63	-24.59	5.54	15	53.47	53.13
5290	10.64	-9.73	-4.28	-6.43	7.56	3.079	-4.28	-23.77	5.45	15	53.45	53.1
5300	12.49	-9.03	-3.6	-5.75	8.889	3.602	-3.6	-23.23	5.44	15	53.58	53.17
5310	13.24	-8.78	-3.43	-5.58	9.405	3.838	-3.43	-23.43	5.35	15	53.72	53.31
5320	14.43	-8.41	-3.07	-5.22	10.245	4.189	-3.07	-22.68	5.34	15	54.15	53.66
5330	13.55	-8.68	-3.14	-5.29	9.585	3.962	-3.14	-23.09	5.54	15	54.09	53.58
5340	11.73	-9.31	-3.73	-5.88	8.27	3.459	-3.73	-23.18	5.58	15	54.29	53.68
5350	11.15	-9.53	-3.99	-6.14	7.798	3.353	-3.99	-23.24	5.54	15	54.08	53.54
5360	11.48	-9.4	-3.84	-5.99	7.962	3.521	-3.84	-26.11	5.56	15	54.31	53.72
5370	13.76	-8.61	-3.1	-5.25	9.463	4.297	-3.1	-27.75	5.51	30	54.41	53.87
5380	13	-8.86	-3.15	-5.3	8.871	4.13	-3.15	-28.34	5.71	30	54.3	53.7
5390	12.76	-8.94	-3.17	-5.32	8.683	4.079	-3.17	-29.65	5.77	45	54.34	53.66
5400	15.4	-8.13	-2.36	-4.51	10.467	4.929	-2.36	-27.59	5.77	45	55.09	54.39
5410	15.52	-8.09	-2.38	-4.53	10.561	4.958	-2.38	-25.63	5.71	45	55.09	54.35
5420	16.27	-7.89	-2.19	-4.34	11.048	5.219	-2.19	-23.36	5.7	45	55.35	54.49
5430	16.11	-7.93	-2.42	-4.57	10.895	5.216	-2.42	-19.9	5.5	45	55.4	54.49
5440	15.79	-8.02	-2.67	-4.82	10.636	5.154	-2.67	-18.09	5.34	45	55.77	54.77
5450	14.24	-8.47	-3.21	-5.36	9.567	4.67	-3.21	-18.11	5.26	45	55.64	54.56
5460	13.04	-8.85	-3.64	-5.79	8.767	4.277	-3.64	-19.25	5.2	45	55.7	54.58
5470	11.88	-9.25	-4.11	-6.26	7.958	3.921	-4.11	-20.41	5.15	45	55.7	54.52
5480	12.78	-8.94	-3.92	-6.07	8.57	4.209	-3.92	-21.05	5.02	45	55.84	54.58
5490	14.99	-8.24	-3.21	-5.36	10.096	4.892	-3.21	-21.38	5.04	45	55.89	54.6
5500	15.44	-8.11	-3.16	-5.31	10.435	5.009	-3.16	-21.91	4.95	45	55.98	54.6
5510	15.04	-8.23	-3.19	-5.34	10.214	4.821	-3.19	-22.19	5.04	30	55.99	54.59
5520	15.33	-8.14	-3.03	-5.18	10.399	4.93	-3.03	-21.67	5.12	30	56.25	54.81
5530	16.05	-7.94	-2.79	-4.94	10.884	5.17	-2.79	-19.95	5.15	30	56.55	55.09
5540	15.5	-8.1	-2.74	-4.89	10.485	5.013	-2.74	-20.65	5.35	30	56.84	55.44
5550	15.22	-8.18	-2.82	-4.97	10.316	4.901	-2.82	-21.48	5.36	30	57.1	55.75
5560	16.12	-7.93	-2.67	-4.82	10.94	5.175	-2.67	-21.14	5.26	30	57.22	55.94
5570	13.91	-8.57	-3.21	-5.36	9.528	4.38	-3.21	-23.13	5.35	30	57.02	55.84
5580	13.33	-8.75	-3.5	-5.65	9.163	4.166	-3.5	-22.3	5.25	30	56.96	55.84
5590	13.93	-8.56	-3.42	-5.57	9.614	4.319	-3.42	-22.79	5.14	30	57.01	56
5600	16.67	-7.78	-2.76	-4.91	11.538	5.129	-2.76	-23.86	5.02	30	57.13	56.26
5610	18.21	-7.4	-2.42	-4.57	12.67	5.542	-2.42	-22.72	4.97	30	56.98	56.17
5620	18.45	-7.34	-2.35	-4.5	12.871	5.581	-2.35	-25.09	4.99	30	56.9	56.19
5630	18.67	-7.29	-2.4	-4.55	13.068	5.602	-2.4	-24.83	4.89	30	56.92	56.29
5640	18.22	-7.39	-2.55	-4.7	12.787	5.436	-2.55	-27.02	4.84	30	57.07	56.54
5650	17.37	-7.6	-2.92	-5.07	12.258	5.115	-2.92	-24.89	4.68	45	57.03	56.51
5660	16.81	-7.74	-3.09	-5.24	11.924	4.89	-3.09	-24.06	4.65	60	57.29	56.85
5670	17.18	-7.65	-2.87	-5.02	12.249	4.927	-2.87	-22.28	4.79	60	57.26	56.76
5680	17.75	-7.51	-2.44	-4.59	12.763	4.991	-2.44	-21.29	5.06	60	57.09	56.62
5690	17.44	-7.59	-2.52	-4.67	12.585	4.85	-2.52	-21.55	5.06	60	57.07	56.57
5700	17.26	-7.63	-2.53	-4.68	12.445	4.813	-2.53	-22.02	5.1	60	57.01	56.47
5710	18.07	-7.43	-2.43	-4.58	13.03	5.04	-2.43	-23.07	5	60	57.21	56.65
5720	20.23	-6.94	-1.86	-4.01	14.592	5.634	-1.86	-21.79	5.09	60	57	56.42
5730	21.35	-6.71	-1.55	-3.7	15.326	6.024	-1.55	-22.28	5.16	60	56.98	56.42
5740	21.6	-6.66	-1.35	-3.5	15.472	6.128	-1.35	-19.7	5.31	60	56.98	56.45
5750	21.43	-6.69	-1.4	-3.55	15.339	6.09	-1.4	-18.55	5.29	60	57.09	56.5

5760	19.54	-7.09	-1.74	-3.89	13.985	5.557	-1.74	-19.4	5.35	60	57.21	56.66
5770	17.44	-7.58	-2.17	-4.32	12.543	4.901	-2.17	-22.42	5.42	60	57.19	56.55
5780	16.24	-7.89	-2.55	-4.7	11.698	4.544	-2.55	-22.54	5.34	60	57.2	56.56
5790	16.99	-7.7	-2.36	-4.51	12.259	4.731	-2.36	-21.95	5.34	60	57	56.33
5800	17.7	-7.52	-2.29	-4.44	12.751	4.946	-2.29	-22.82	5.23	60	57.18	56.48
5810	18.3	-7.37	-2.22	-4.37	13.206	5.098	-2.22	-23.73	5.15	60	57.38	56.63
5820	19.32	-7.14	-2.16	-4.31	13.881	5.441	-2.16	-23.2	4.98	60	57.67	56.88
5830	20.8	-6.82	-1.99	-4.14	14.892	5.906	-1.99	-24.53	4.83	60	57.93	57.14
5840	21.56	-6.66	-2.05	-4.2	15.393	6.17	-2.05	-23.3	4.62	60	57.64	56.9
5850	21.03	-6.77	-2.1	-4.25	14.988	6.047	-2.1	-21.69	4.67	60	57.63	56.85

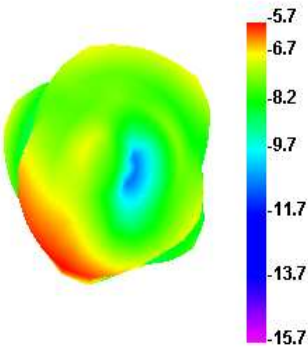
5150.00MHz - 5850.00MHz Gain



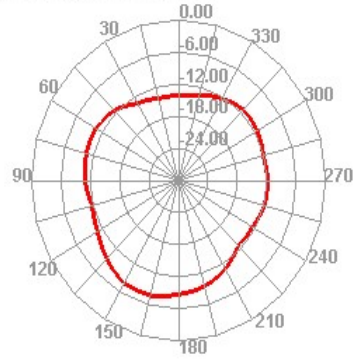
5150.00MHz - 5850.00MHz Efficiency



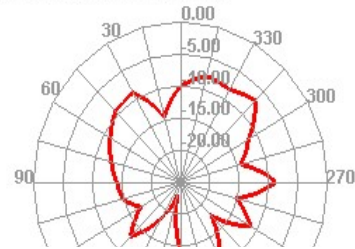
5150.000MHz



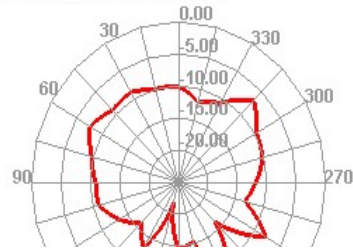
5150.000MHz H

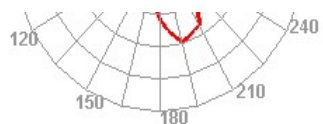


5150.000MHz E1

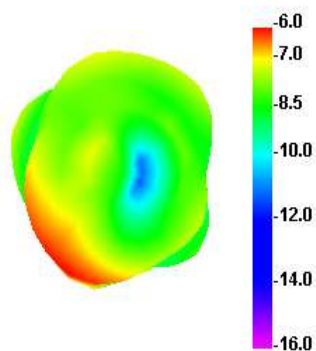


5150.000MHz E2

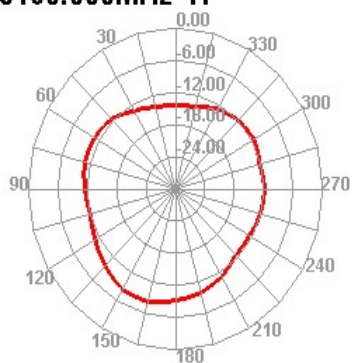




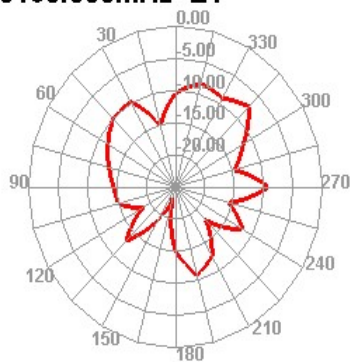
5160.000MHz



5160.000MHz H



5160.000MHz E1



5160.000MHz E2

