



深圳华讯视通科技有限公司
Shenzhen Huaxunshitong Technology Co.,Ltd.

A22
天线测试报告

2025-09-28





深圳华讯视通科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

测试项目与设备

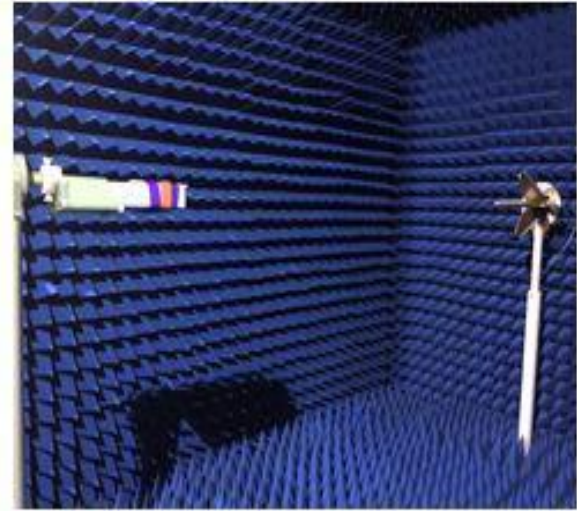
	测试项目	设备
1. S参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	网络分析仪: Agilent E5071B HP 8753D
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 综合测试仪: Agilent 8960 E5515B × 2 StarPoint SP6011
3. 无源测试 (Passive)	1. 天线增益 (Gain) 2. 天线效率 (Efficiency)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 网络分析仪: Agilent E5071B HP 8753D





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天线有源测试数据

GSM

Frequency Band	GSM850			PCS1900		
channel	128	190	251	512	661	810
TRP				23.3		24.5
TIS						-98.5





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LTE

Frequency Band	B1			B2		
channel	L	M	H	L	M	H
TRP	16.6		14.2	16.5		17.2
TIS			-89.5			-86.1
Frequency Band	B4			B5		
channel	L	M	H	L	M	H
TRP	13.5		14.6	2.0		1.2
TIS			-89.8			-74.2





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LTE

Frequency Band	B7			B12		
channel	L	M	H	L	M	H
TRP	18.3		16.8	6.4		6.8
TIS			-86.0			-71.5
Frequency Band	B13			B17		
channel	L	M	H	L	M	H
TRP		4.8		6.4		6.7
TIS		-70.2				-71.3



效率与增益

Passive Test For 700-1000(10M)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivit (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
700	1.87	-17.27	-11.18	-13.33	0.591	1.283	-11.18	-28.19	6.09	0	44.3	44.38
710	1.57	-18.03	-11.87	-14.02	0.467	1.107	-11.87	-30.07	6.16	0	44.94	45.15
720	1.05	-19.81	-13.67	-15.82	0.305	0.74	-13.67	-31.85	6.14	30	44.58	44.28
730	0.72	-21.45	-15.84	-17.99	0.211	0.505	-15.84	-30.25	5.61	0	44.31	43.88
740	0.62	-22.11	-16.34	-18.49	0.187	0.429	-16.34	-30.6	5.77	30	43.96	43.28
750	0.65	-21.86	-16.54	-18.69	0.203	0.449	-16.54	-28.95	5.32	30	44.23	43.25
760	0.72	-21.43	-16.74	-18.89	0.23	0.488	-16.74	-27.78	4.7	30	44.36	43.47
770	0.78	-21.08	-16.14	-18.29	0.27	0.51	-16.14	-26.1	4.94	30	43.58	42.38
780	0.88	-20.58	-16.63	-18.78	0.313	0.562	-16.63	-25.98	3.94	30	43.38	42.22
790	1.17	-19.32	-15.63	-17.78	0.437	0.734	-15.63	-25.5	3.68	30	43.56	42.67
800	1.27	-18.97	-15.18	-17.33	0.486	0.782	-15.18	-24.9	3.79	30	42.72	42
810	1.52	-18.17	-13.88	-16.03	0.574	0.948	-13.88	-24.24	4.3	30	42.29	42.15
820	1.86	-17.32	-13.38	-15.53	0.719	1.136	-13.38	-24.9	3.93	90	42.18	42.13
830	2.22	-16.54	-12.78	-14.93	0.86	1.358	-12.78	-26.02	3.76	90	42.39	42.41
840	2.5	-16.03	-12.51	-14.66	1.011	1.484	-12.51	-25.74	3.52	90	42.51	42.62
850	2.84	-15.46	-11.87	-14.02	1.181	1.662	-11.87	-26.5	3.59	60	42.68	42.77
860	3.24	-14.89	-11.03	-13.18	1.347	1.893	-11.03	-26.32	3.86	60	42.82	43.1
870	3.36	-14.74	-10.67	-12.82	1.448	1.908	-10.67	-27.35	4.07	60	42.96	43.1
880	3.36	-14.74	-10.4	-12.55	1.529	1.828	-10.4	-28.21	4.34	60	43.16	43.39
890	3.48	-14.59	-9.92	-12.07	1.655	1.822	-9.92	-28.28	4.67	60	43.4	43.29
900	3.4	-14.69	-9.95	-12.1	1.686	1.714	-9.95	-26.28	4.74	60	43.53	43.46
910	3.51	-14.54	-9.58	-11.73	1.808	1.705	-9.58	-23.14	4.96	60	43.77	44.11
920	3.51	-14.54	-9.38	-11.53	1.844	1.667	-9.38	-23.19	5.17	60	44.16	44.23
930	3.19	-14.97	-9.64	-11.79	1.712	1.475	-9.64	-23.58	5.33	60	44.17	44.49
940	2.98	-15.26	-10.08	-12.23	1.648	1.331	-10.08	-25.36	5.18	60	44.31	44.56
950	2.75	-15.61	-10.91	-13.06	1.508	1.242	-10.91	-25.3	4.69	60	44.46	44.73
960	2.35	-16.3	-12.49	-14.64	1.295	1.051	-12.49	-26.58	3.8	30	44.12	44.24
970	1.99	-17	-14.18	-16.33	1.116	0.877	-14.18	-26.35	2.82	60	44.09	44.2
980	1.72	-17.65	-15.3	-17.45	0.967	0.749	-15.3	-26.12	2.36	60	44.13	43.98
990	1.55	-18.1	-15.38	-17.53	0.883	0.667	-15.38	-25.77	2.71	90	44.03	44.39
1000	1.93	-17.15	-13.24	-15.39	1.102	0.825	-13.24	-23.18	3.91	90	45.83	46.03

4G

效率与增益

Passive Test For 1600-3000(10m)												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
1500	13.87	-8.58	-4.86	-7.01	6.663	7.211	-4.86	-28.87	3.72	30	49.5	49.38
1510	15.03	-8.23	-3.97	-6.12	7.255	7.776	-3.97	-37.75	4.26	30	49.43	49.57
1520	16.23	-7.9	-3.42	-5.57	7.842	8.387	-3.42	-29.07	4.48	30	49.53	49.32
1530	17.03	-7.69	-3.4	-5.55	8.452	8.575	-3.4	-27.25	4.29	60	49.53	49.67
1540	17.59	-7.55	-3.07	-5.22	8.883	8.71	-3.07	-23.61	4.48	60	49.53	49.51
1550	18.22	-7.4	-2.83	-4.98	9.3	8.917	-2.83	-19.79	4.57	30	49.57	49.58
1560	19.65	-7.07	-2.76	-4.91	10.338	9.316	-2.76	-18.56	4.3	60	49.45	49.18
1570	16.02	-7.95	-3.52	-5.67	8.497	7.519	-3.52	-18.87	4.43	60	49.65	49.54
1580	21.77	-6.62	-2.64	-4.79	11.742	10.027	-2.64	-18.36	3.98	60	49.59	49.63
1590	24.56	-6.1	-2.06	-4.21	13.414	11.149	-2.06	-17.07	4.04	60	49.69	49.62
1600	21.79	-6.62	-2.55	-4.7	11.68	10.115	-2.55	-17.28	4.07	60	49.88	49.81
1610	27.55	-5.6	-1.98	-4.13	14.178	13.369	-1.98	-17.33	3.62	60	50.04	50.09
1620	27.39	-5.62	-1.93	-4.08	13.682	13.704	-1.93	-16.86	3.69	60	50.22	50.06
1630	31.15	-5.07	-1.57	-3.72	14.93	16.218	-1.57	-16.24	3.49	60	50.24	50.47
1640	30.7	-5.13	-1.51	-3.66	14.094	16.61	-1.51	-16.75	3.61	30	49.98	50.09
1650	31.06	-5.08	-1.57	-3.72	13.835	17.221	-1.57	-17.69	3.5	30	49.83	49.69
1660	33.58	-4.74	-1.15	-3.3	14.676	18.899	-1.15	-19	3.59	30	49.91	49.86
1670	36.83	-4.34	-0.76	-2.91	15.704	21.126	-0.76	-16.96	3.58	30	50.2	50.43
1680	42.64	-3.7	-0.06	-2.21	18.276	24.363	-0.06	-16.71	3.64	30	50.96	51.17
1690	41.5	-3.82	0.16	-1.99	17.827	23.672	0.16	-15.54	3.98	30	51.31	51.44
1700	31.67	-4.99	-1.15	-3.3	12.744	18.926	-1.15	-15.84	3.85	30	50.56	50.76
1710	29.66	-5.28	-1.18	-3.33	11.165	18.497	-1.18	-18.47	4.1	30	50.68	50.58
1720	25.26	-5.98	-1.46	-3.61	8.988	16.274	-1.46	-23.03	4.52	30	50.66	50.74
1730	21.98	-6.58	-2.58	-4.73	7.387	14.598	-2.58	-28	4	30	50.63	50.79
1740	21.04	-6.77	-2.54	-4.69	6.775	14.268	-2.54	-22.75	4.23	30	50.93	50.48
1750	21.61	-6.65	-2.26	-4.41	6.832	14.773	-2.26	-20.06	4.39	30	51.18	51.06



效率与增益

1760	20.41	-6.9	-2.3	-4.45	6.196	14.214	-2.3	-16.79	4.6	30	51.44	50.93
1770	17.94	-7.46	-2.57	-4.72	5.482	12.456	-2.57	-16.85	4.89	30	51.35	51.44
1780	17.34	-7.61	-2.69	-4.84	5.489	11.854	-2.69	-15.45	4.92	30	51.41	51.39
1790	17.04	-7.68	-2.78	-4.93	5.79	11.255	-2.78	-15.35	4.9	0	51.42	51.58
1800	15.4	-8.12	-3.3	-5.45	5.426	9.976	-3.3	-14.7	4.82	0	51.3	51.49
1810	15.18	-8.19	-3.58	-5.73	5.613	9.569	-3.58	-14.86	4.61	0	51.51	51.58
1820	15.72	-8.04	-3.79	-5.94	5.922	9.796	-3.79	-14.47	4.24	0	51.55	51.83
1830	17.14	-7.66	-3.69	-5.84	6.816	10.319	-3.69	-14.11	3.97	0	51.89	52.62
1840	15.01	-8.24	-4.35	-6.5	5.874	9.134	-4.35	-12.9	3.88	0	51.93	52.2
1850	14.88	-8.28	-3.95	-6.1	6.109	8.767	-3.95	-12.99	4.33	0	51.96	52.02
1860	15.38	-8.13	-4.62	-6.77	6.272	9.112	-4.62	-13.07	3.51	60	51.72	52.31
1870	13.51	-8.69	-5.18	-7.33	5.424	8.089	-5.18	-13.05	3.51	0	51.56	51.35
1880	14.22	-8.47	-4.15	-6.3	5.668	8.552	-4.15	-13.35	4.32	0	51.54	52.32
1890	13.86	-8.58	-4.89	-7.04	5.72	8.142	-4.89	-13.62	3.69	60	51.56	51.7
1900	14.9	-8.27	-5.06	-7.21	6.175	8.723	-5.06	-13.36	3.21	0	51.87	51.96
1910	15.25	-8.17	-5.19	-7.34	6.675	8.572	-5.19	-12.9	2.98	180	51.92	52.75
1920	14.2	-8.48	-5.2	-7.35	6.374	7.829	-5.2	-13.23	3.28	180	52.13	52.95
1930	14.74	-8.31	-4.89	-7.04	6.786	7.957	-4.89	-13.66	3.42	150	52.26	52.74
1940	15.91	-7.98	-4.66	-6.81	7.411	8.503	-4.66	-13.08	3.32	120	52.26	52.72
1950	15.3	-8.15	-4.57	-6.72	7.3	8.004	-4.57	-14.03	3.58	120	52.33	52.41
1960	13.96	-8.55	-5.32	-7.47	6.776	7.18	-5.32	-15.34	3.23	120	52.2	52.13
1970	14.59	-8.36	-5.4	-7.55	7.354	7.237	-5.4	-13.53	2.96	120	52.38	52.63
1980	16.8	-7.75	-4.54	-6.69	8.781	8.022	-4.54	-13.32	3.2	120	52.69	53.26
1990	16.05	-7.95	-5.08	-7.23	8.704	7.344	-5.08	-14.43	2.87	120	52.96	53.07
2000	14.59	-8.36	-5.75	-7.9	8.159	6.427	-5.75	-13.8	2.61	180	52.96	53.44
2010	15.09	-8.21	-5.52	-7.67	8.785	6.307	-5.52	-13.79	2.69	120	52.95	53.45
2020	14.74	-8.31	-5.32	-7.47	8.711	6.034	-5.32	-14.23	2.99	120	52.89	53.62
2030	12.5	-9.03	-5.91	-8.06	7.529	4.973	-5.91	-14.59	3.12	120	52.97	53.36
2040	11.43	-9.42	-6.14	-8.29	6.816	4.615	-6.14	-15.09	3.28	180	53.17	53.74



效率与增益

2050	11.32	-9.46	-5.65	-7.8	6.809	4.515	-5.65	-14.66	3.81	150	53.45	53.99
2060	12.58	-9	-5.17	-7.32	7.496	5.082	-5.17	-15.93	3.84	60	53.75	54.01
2070	12.69	-8.96	-5.06	-7.21	7.49	5.205	-5.06	-13.94	3.9	60	53.78	54.53
2080	11.47	-9.4	-5.34	-7.49	6.638	4.831	-5.34	-14.7	4.07	60	53.61	54.52
2090	10.12	-9.95	-6	-8.15	5.731	4.392	-6	-14.81	3.95	60	53.39	52.95
2100	10.45	-9.81	-5.86	-8.01	5.832	4.62	-5.86	-15.52	3.95	60	53.21	53.74
2110	8.56	-10.68	-6.45	-8.6	4.544	4.016	-6.45	-16.1	4.23	60	52.81	53.4
2120	8.8	-10.56	-5.74	-7.89	4.535	4.262	-5.74	-15.73	4.81	30	53.09	54.12
2130	9.35	-10.29	-5.64	-7.79	4.771	4.58	-5.64	-16.16	4.65	60	53.4	53.93
2140	9.58	-10.18	-5.66	-7.81	4.669	4.915	-5.66	-17.55	4.52	60	53.42	53.81
2150	7.86	-11.05	-6.59	-8.74	3.65	4.209	-6.59	-18	4.45	60	53.14	53.74
2160	9.26	-10.33	-5.52	-7.67	4.351	4.908	-5.52	-18.69	4.82	60	53.36	54.43
2170	10.47	-9.8	-5.12	-7.27	4.808	5.661	-5.12	-19.29	4.68	90	53.24	54.18
2180	9.9	-10.04	-5.44	-7.59	4.409	5.494	-5.44	-21.44	4.6	90	53.12	53.45
2190	9.35	-10.29	-5.58	-7.73	4.114	5.24	-5.58	-23.86	4.71	90	53.06	53.71
2200	10.99	-9.59	-5.18	-7.33	4.804	6.186	-5.18	-29.4	4.41	90	53.52	54.5
2210	13.45	-8.71	-4.61	-6.76	5.836	7.617	-4.61	-33.41	4.1	60	53.71	54.72
2220	13.38	-8.74	-4.38	-6.53	5.766	7.611	-4.38	-36.05	4.36	60	53.67	54.38
2230	12.18	-9.14	-5.31	-7.46	5.287	6.893	-5.31	-28.09	3.84	60	53.53	54.57
2240	13.52	-8.69	-5.12	-7.27	5.85	7.665	-5.12	-22.69	3.57	60	53.59	54.86
2250	15.62	-8.06	-4.64	-6.79	6.644	8.978	-4.64	-19.49	3.43	60	53.72	55.1
2260	16.88	-7.73	-4.6	-6.75	7.306	9.578	-4.6	-20.08	3.13	60	53.84	55.61
2270	14.95	-8.25	-4.96	-7.11	6.414	8.538	-4.96	-17.05	3.29	60	53.94	55.12
2280	17.07	-7.68	-4.4	-6.55	7.403	9.667	-4.4	-15.85	3.28	60	54.09	55.43
2290	21.12	-6.75	-3.66	-5.81	9.073	12.048	-3.66	-14	3.09	60	54.85	56.01
2300	21.04	-6.77	-3.48	-5.63	8.728	12.317	-3.48	-13.22	3.28	90	55.12	56.6
2310	19.77	-7.04	-3.61	-5.76	7.995	11.777	-3.61	-12.23	3.43	60	54.91	56.5
2320	20.69	-6.84	-3.61	-5.76	8.294	12.392	-3.61	-13.23	3.24	60	54.8	56.13
2330	22.43	-6.49	-3.4	-5.55	9.193	13.24	-3.4	-14.89	3.09	60	55.05	56.33



效率与增益

2340	24.78	-6.06	-2.82	-4.97	10.221	14.563	-2.82	-14.72	3.24	60	55.41	57.9
2350	22.26	-6.53	-3.4	-5.55	8.819	13.438	-3.4	-16.08	3.13	60	55.72	57.75
2360	25.59	-5.92	-1.8	-3.95	9.757	15.837	-1.8	-16.43	4.12	60	55.95	57.79
2370	25.64	-5.91	-2.73	-4.88	9.692	15.949	-2.73	-17.81	3.18	60	55.79	57.25
2380	25.28	-5.97	-2.54	-4.69	9.04	16.237	-2.54	-16.78	3.43	60	55.95	57.45
2390	24.73	-6.07	-2.77	-4.92	8.99	15.736	-2.77	-18.69	3.3	60	55.8	57.98
2400	23.38	-6.31	-2.95	-5.1	8.377	15	-2.95	-18.69	3.36	60	55.76	57.21
2410	26.8	-5.72	-2.58	-4.73	9.379	17.419	-2.58	-16.73	3.14	90	55.83	58.53
2420	25.63	-5.91	-2.33	-4.48	8.814	16.815	-2.33	-16.71	3.58	60	56.07	58.09
2430	23.59	-6.27	-2.99	-5.14	8.041	15.553	-2.99	-16.67	3.29	60	56.25	58.05
2440	28.55	-5.44	-2.56	-4.71	9.57	18.978	-2.56	-16.06	2.88	60	56.61	58.56
2450	30.5	-5.16	-2.25	-4.4	10.063	20.435	-2.25	-15.15	2.9	60	56.87	58.64
2460	26.55	-5.76	-2.66	-4.81	8.739	17.813	-2.66	-15.56	3.1	60	56.54	57.97
2470	24.99	-6.02	-2.03	-4.18	8.121	16.872	-2.03	-14.5	3.99	60	56.17	58.01
2480	24.69	-6.07	-2.61	-4.76	8.155	16.536	-2.61	-15.2	3.47	60	56.4	57.83
2490	26.57	-5.76	-2.51	-4.66	8.802	17.77	-2.51	-14.17	3.24	60	56.48	57.83
2500	23.77	-6.24	-2.76	-4.91	7.861	15.906	-2.76	-14.32	3.48	60	56.61	58.07
2510	22.7	-6.44	-3.23	-5.38	7.373	15.33	-3.23	-14.61	3.21	60	56.67	57.71
2520	24.07	-6.19	-2.89	-5.04	7.788	16.279	-2.89	-14.08	3.29	60	56.43	57.53
2530	23.21	-6.34	-2.6	-4.75	7.358	15.854	-2.6	-14.26	3.74	30	56.01	57.64
2540	20.81	-6.82	-3.12	-5.27	6.489	14.325	-3.12	-15	3.7	30	55.93	56.88
2550	19.91	-7.01	-3.26	-5.41	6.105	13.807	-3.26	-14.85	3.75	0	56.13	56.87
2560	21.65	-6.65	-2.46	-4.61	6.542	15.108	-2.46	-13.69	4.18	30	56.34	57.38
2570	24.85	-6.05	-2.4	-4.55	7.506	17.341	-2.4	-13.73	3.65	30	56.6	58.31
2580	19.12	-7.18	-2.56	-4.71	5.989	13.131	-2.56	-14.3	4.62	0	56.27	56.52
2590	18.41	-7.35	-3.71	-5.86	6.031	12.379	-3.71	-15.02	3.64	30	56.34	56.49
2600	19.12	-7.19	-3.4	-5.55	6.122	12.995	-3.4	-14.64	3.78	0	56.36	56.49
2610	18.91	-7.23	-3.27	-5.42	6.018	12.897	-3.27	-15.11	3.97	0	56.44	57
2620	16.12	-7.93	-2.84	-4.99	4.719	11.403	-2.84	-16.27	5.08	0	56.28	56.17



效率与增益

2630	15.77	-8.02	-3.92	-6.07	4.638	11.136	-3.92	-15.64	4.1	0	56.47	56.78
2640	17.99	-7.45	-3.34	-5.49	5.301	12.689	-3.34	-15.72	4.11	0	56.79	57.41
2650	18.28	-7.38	-3.25	-5.4	5.532	12.747	-3.25	-17.38	4.13	0	57.31	57.11
2660	16.6	-7.8	-4.26	-6.41	4.994	11.61	-4.26	-16.55	3.53	0	57.71	58.3
2670	17.21	-7.64	-3.11	-5.26	5.761	11.453	-3.11	-16.34	4.53	0	57.8	58.5
2680	16.56	-7.81	-4.13	-6.28	5.073	11.491	-4.13	-17.2	3.68	0	57.75	58.3
2690	15.73	-8.03	-4.26	-6.41	4.606	11.119	-4.26	-15.97	3.78	0	57.63	57.85
2700	12.59	-9	-5.21	-7.36	3.68	8.914	-5.21	-18.05	3.79	0	57.44	57.44
2710	12.16	-9.15	-4.89	-7.04	3.66	8.501	-4.89	-20.84	4.26	0	57.88	58.15
2720	13.61	-8.66	-4.65	-6.8	4.076	9.537	-4.65	-18.33	4.01	0	58.5	58.3
2730	15.85	-8	-3.61	-5.76	4.657	11.191	-3.61	-19.81	4.39	0	58.49	58.98
2740	14.53	-8.38	-4.11	-6.26	4.296	10.23	-4.11	-23.38	4.27	0	58.67	59.01
2750	15.52	-8.09	-3.15	-5.3	4.984	10.541	-3.15	-19.39	4.94	0	58.87	58.56
2760	18.28	-7.38	-3.37	-5.52	5.404	12.874	-3.37	-25.22	4.01	0	59.85	59.09
2770	17.44	-7.58	-3.63	-5.78	4.818	12.621	-3.63	-19.03	3.95	0	59.59	59.36
2780	18.79	-7.26	-3.01	-5.16	5.317	13.476	-3.01	-19.24	4.25	0	59.68	60.73
2790	17.74	-7.51	-3.37	-5.52	4.316	13.424	-3.37	-21.54	4.14	0	60.44	59.51
2800	14.42	-8.41	-3.62	-5.77	3.428	10.989	-3.62	-23.26	4.8	0	59.26	59.51
2810	16.18	-7.91	-3.11	-5.26	3.564	12.619	-3.11	-20.67	4.8	0	59.38	60.33
2820	14.22	-8.47	-3.11	-5.26	3.186	11.03	-3.11	-20.28	5.36	0	59.54	60.19
2830	14.79	-8.3	-3.84	-5.99	3.606	11.188	-3.84	-20.1	4.46	0	60.18	59.88
2840	12.42	-9.06	-3.52	-5.67	2.73	9.692	-3.52	-20.38	5.54	0	59.47	60.28
2850	13.86	-8.58	-3.37	-5.52	3.322	10.54	-3.37	-17.59	5.21	0	60.19	59.17
2860	15.94	-7.98	-2.64	-4.79	3.658	12.279	-2.64	-18.47	5.34	0	61.22	60.3
2870	13.47	-8.71	-3.07	-5.22	3.13	10.337	-3.07	-19.4	5.63	30	61.03	60.21
2880	13.12	-8.82	-3.66	-5.81	3.052	10.063	-3.66	-24.28	5.16	30	60.47	59.81
2890	14.18	-8.48	-3.73	-5.88	3.444	10.74	-3.73	-21	4.75	0	60.35	61.1
2900	17.1	-7.67	-1.83	-3.98	4.114	12.985	-1.83	-17.97	5.84	30	61.9	60.1
2910	13.6	-8.66	-3.86	-6.01	3.271	10.328	-3.86	-20.92	4.81	0	61.1	60.44

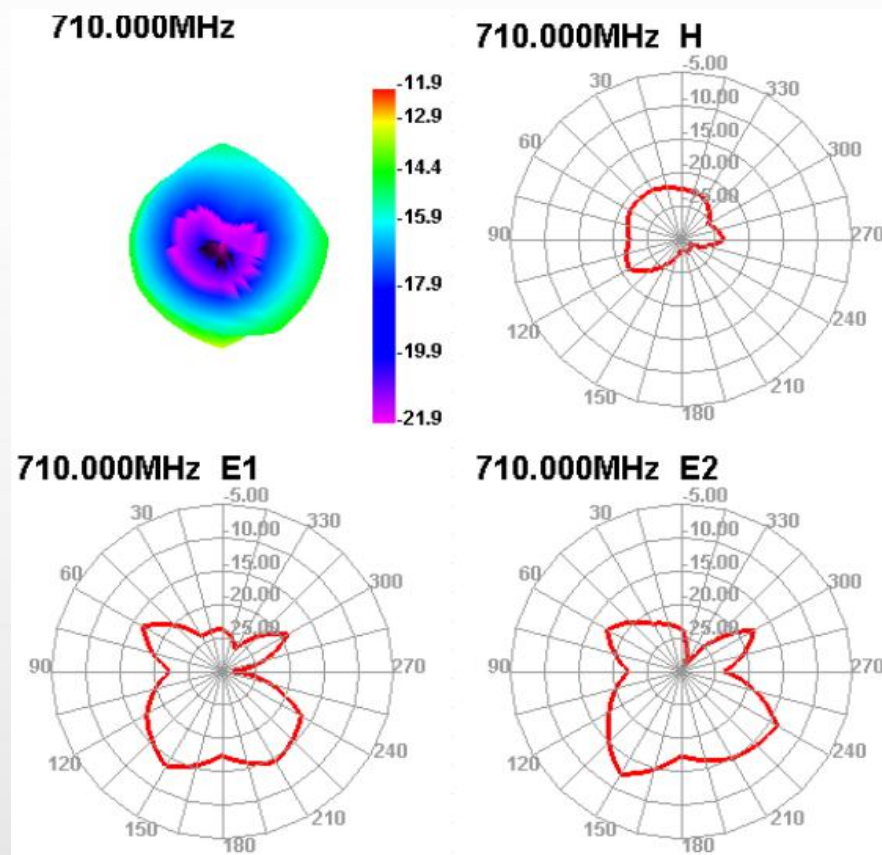
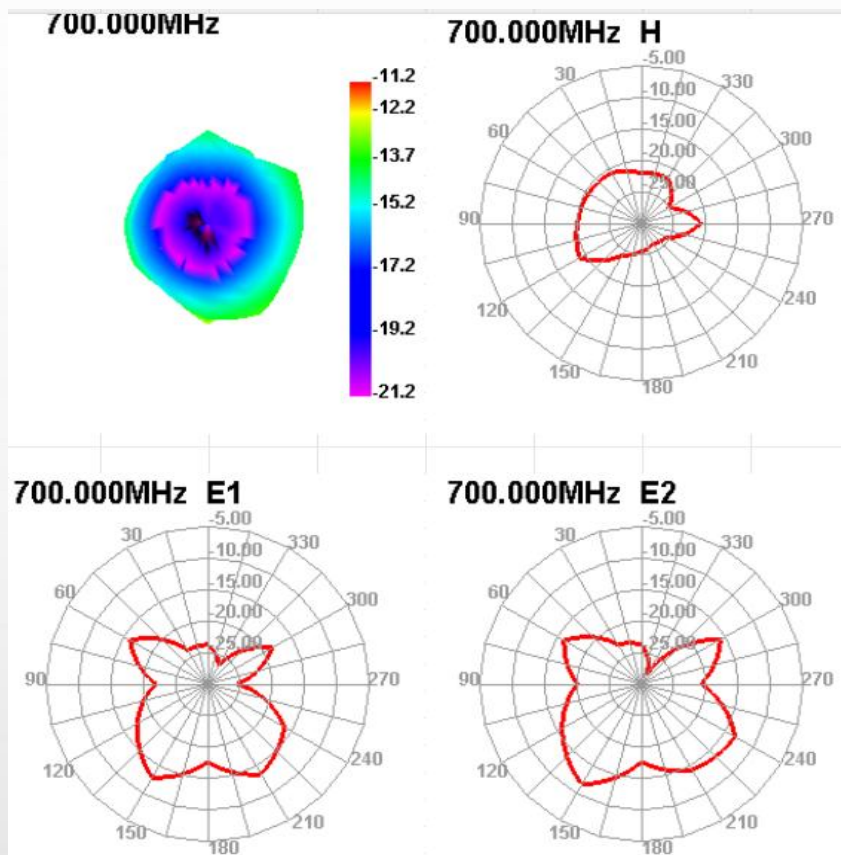


效率与增益

2920	14.43	-8.41	-2.51	-4.66	3.365	11.07	-2.51	-16.97	5.9	0	60.97	61.28
2930	13.31	-8.76	-3.74	-5.89	3.486	9.827	-3.74	-20.96	5.02	0	60.28	61.38
2940	14.48	-8.39	-2.95	-5.1	3.762	10.722	-2.95	-18.51	5.44	0	61.51	60.84
2950	12.59	-9	-3.93	-6.08	3.124	9.467	-3.93	-19.21	5.07	0	61.53	60.79
2960	15.2	-8.18	-2.75	-4.9	4.051	11.145	-2.75	-19.89	5.44	0	61.76	61.53
2970	15.77	-8.02	-2.46	-4.61	4.458	11.313	-2.46	-17.9	5.56	0	61.64	60.43
2980	13.54	-8.68	-4.03	-6.18	3.913	9.627	-4.03	-20.74	4.66	0	61.83	61.03
2990	12.38	-9.07	-4.24	-6.39	3.754	8.627	-4.24	-21.12	4.83	0	61.84	61.35
3000	9.5	-10.22	-5.39	-7.54	2.653	6.843	-5.39	-22.56	4.83	30	60.85	60.69

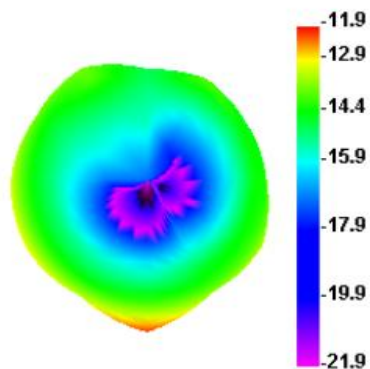


效率与增益

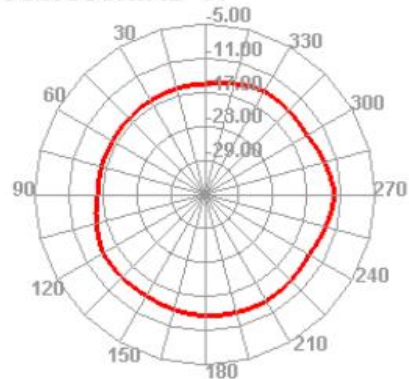


效率与增益

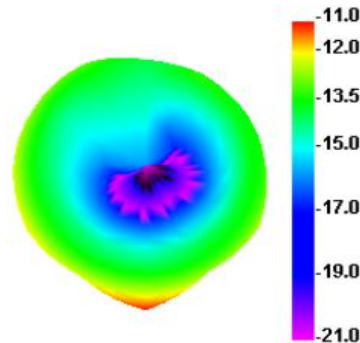
850.000MHz



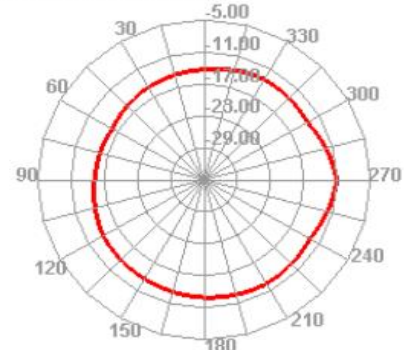
850.000MHz H



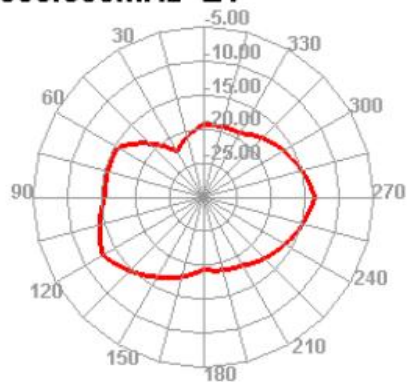
860.000MHz



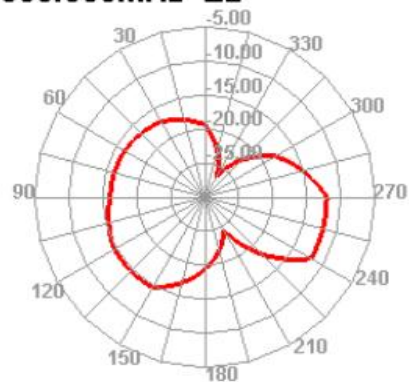
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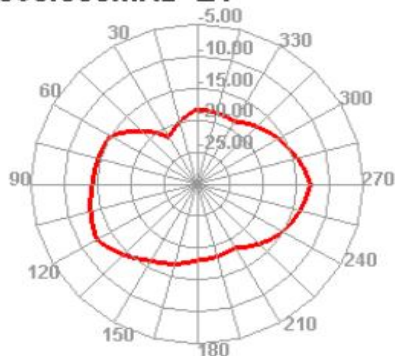
850.000MHz E1



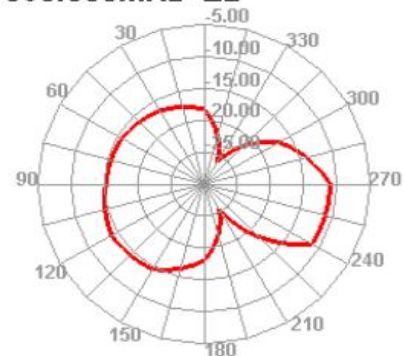
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860.000MHz E1

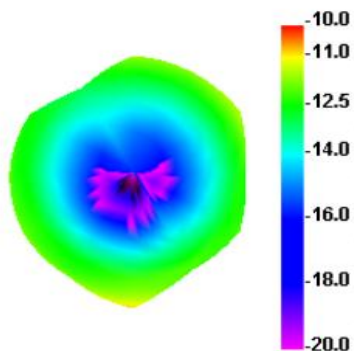


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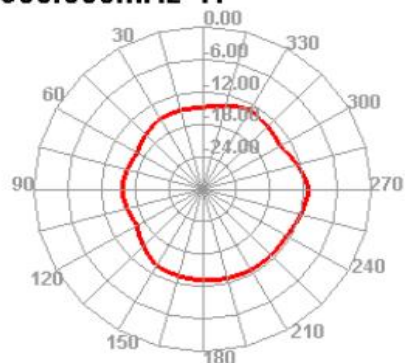


效率与增益

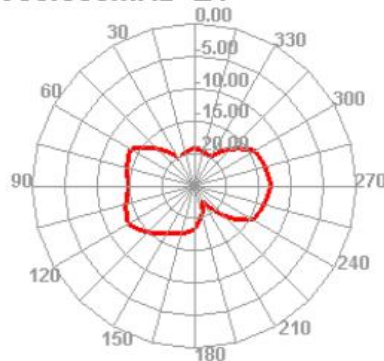
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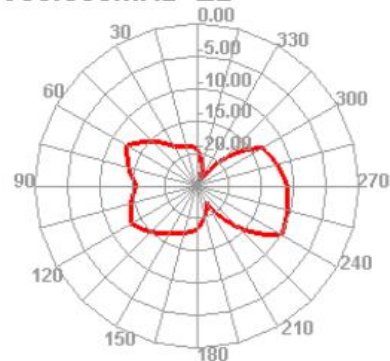
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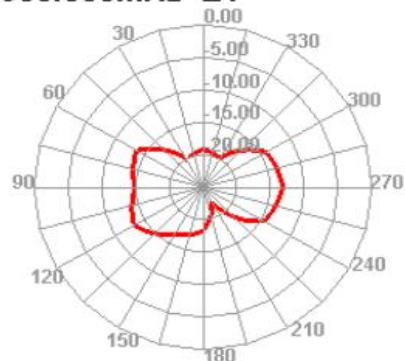
900.000MHz E1



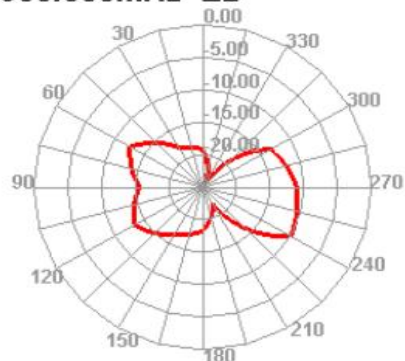
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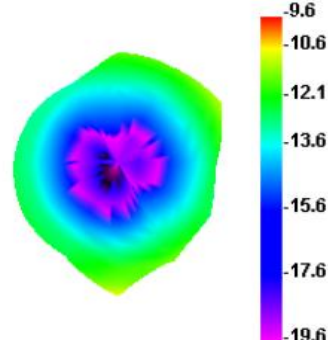
900.000MHz E1



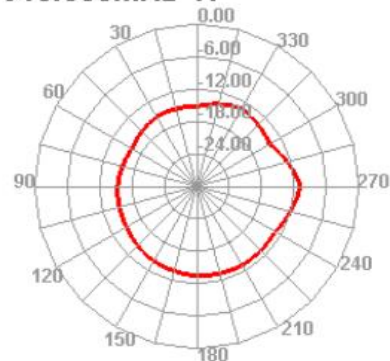
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910.000MHz

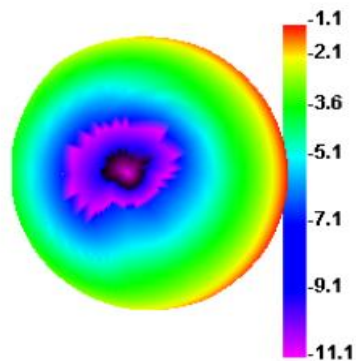


910.000MHz H

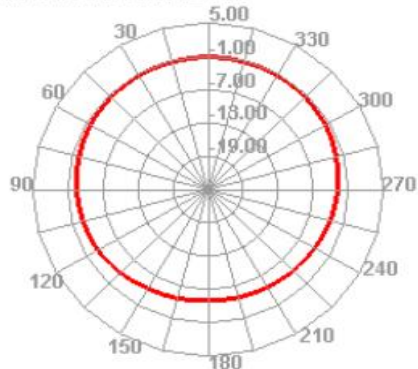


效率与增益

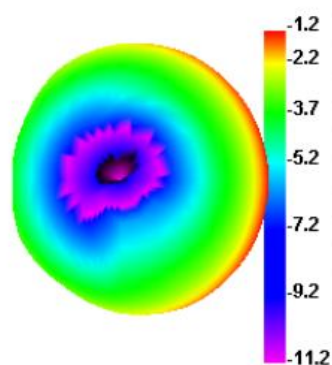
1700.000MHz



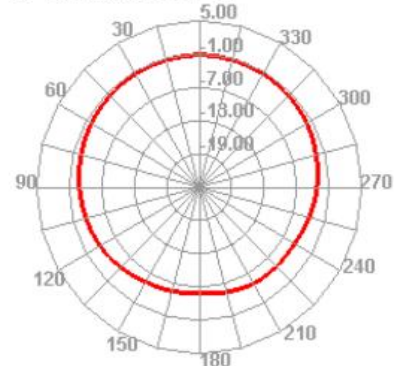
1700.000MHz H



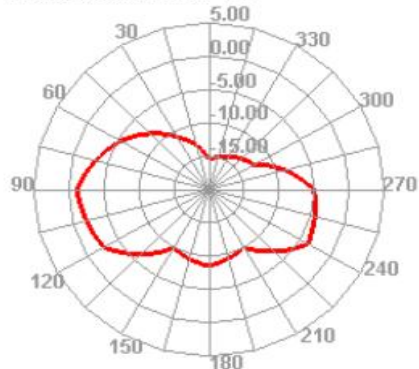
1710.000MHz



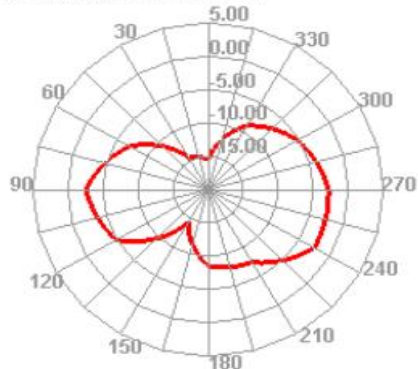
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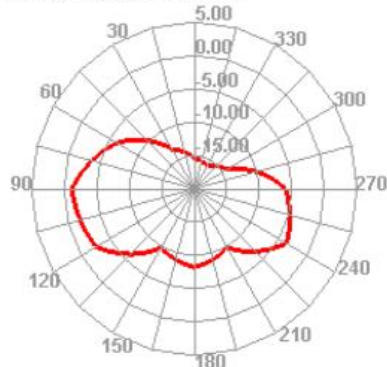
1700.000MHz E1



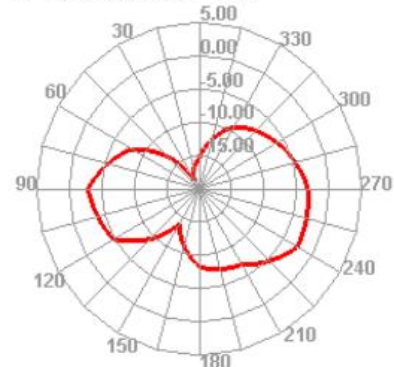
1700.000MHz E2



1710.000MHz E1

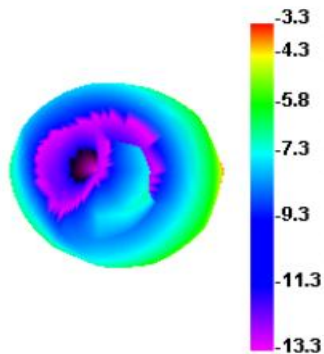


1710.000MHz E2

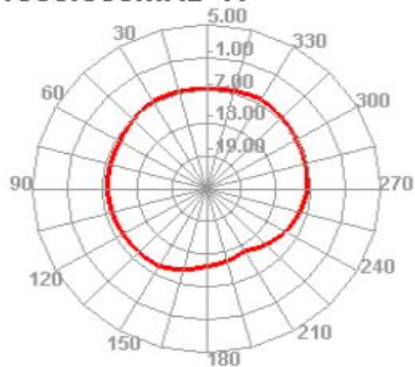


效率与增益

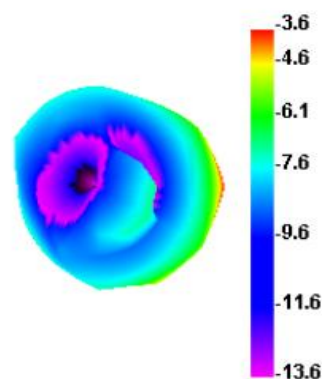
1800.000MHz



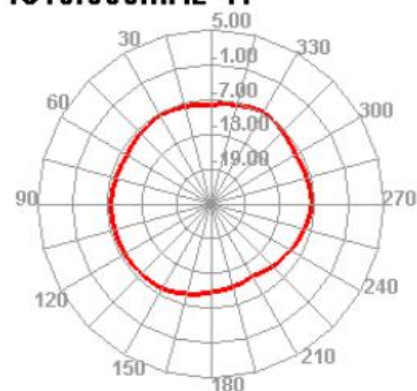
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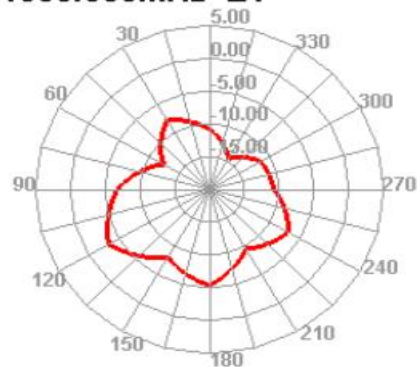
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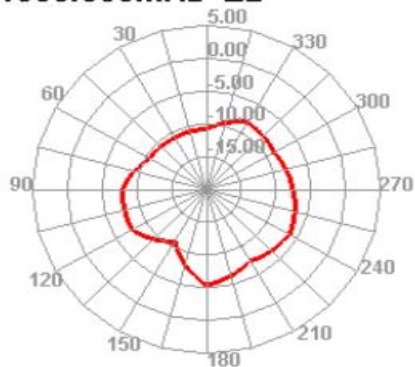
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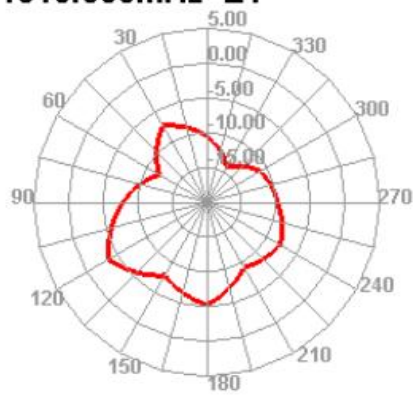
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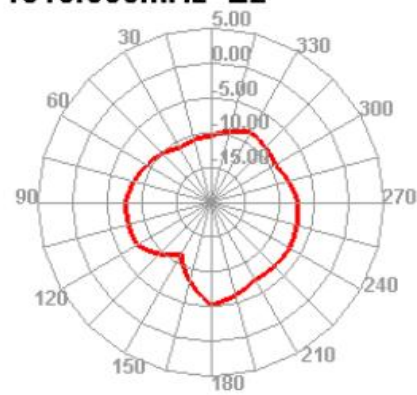
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1810.000MHz E1

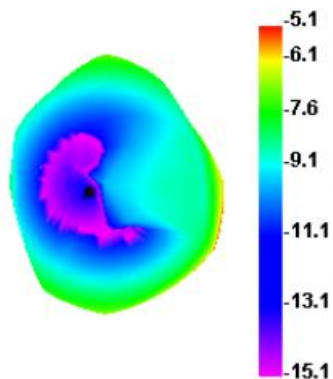


1810.000MHz E2

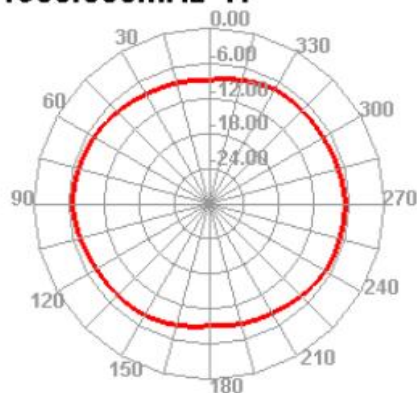


效率与增益

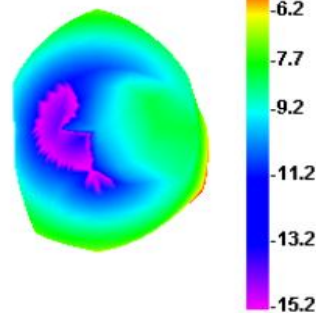
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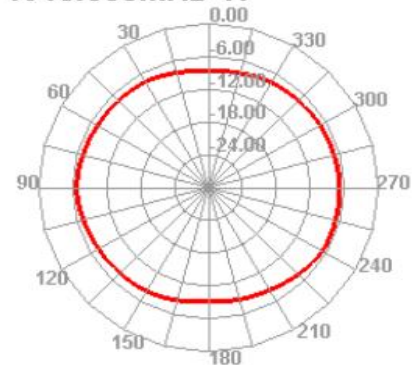
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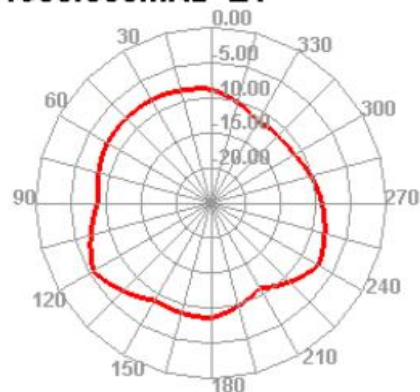
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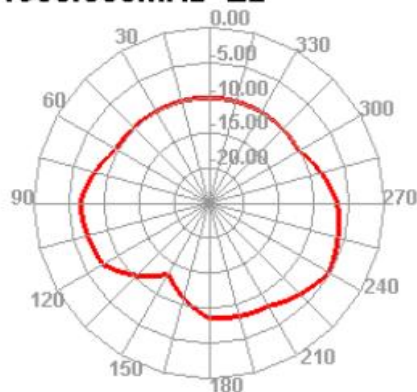
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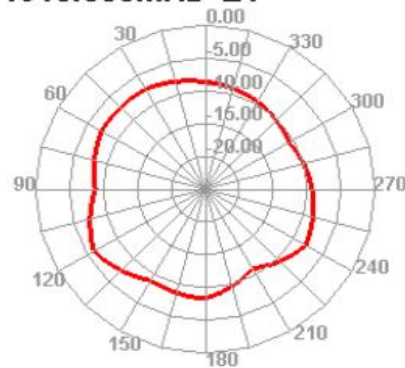
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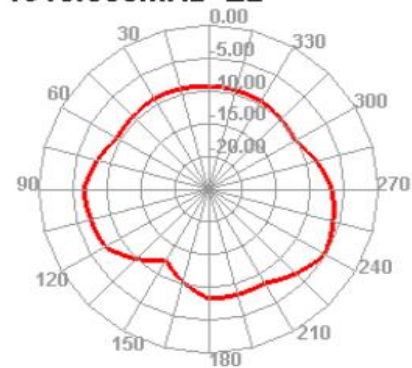
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1910.000MHz E1

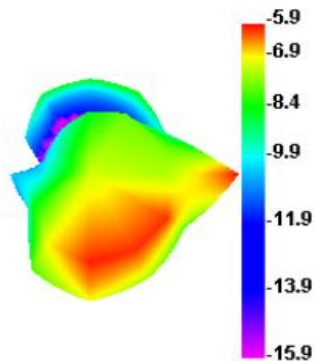


1910.000MHz E2

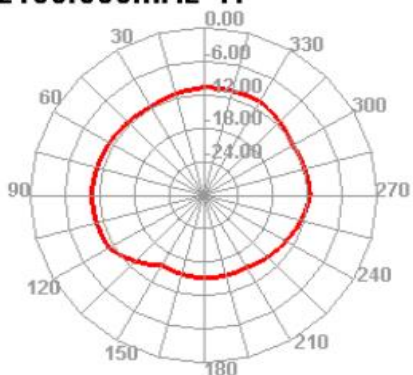


效率与增益

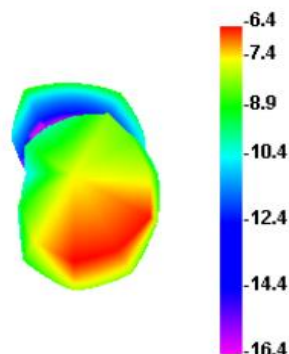
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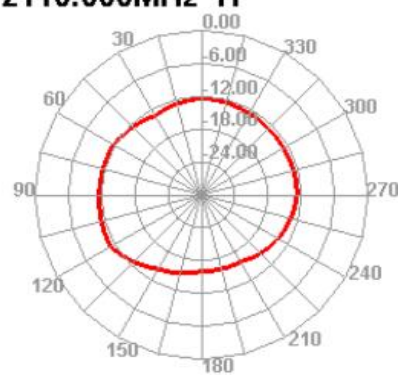
2100.000MHz H



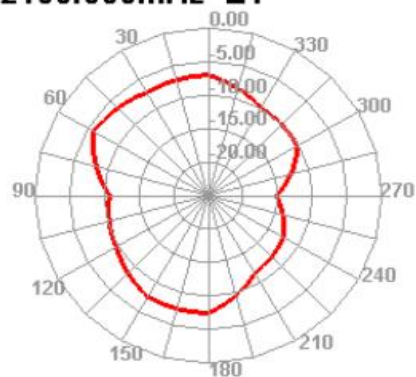
2110.000MHz



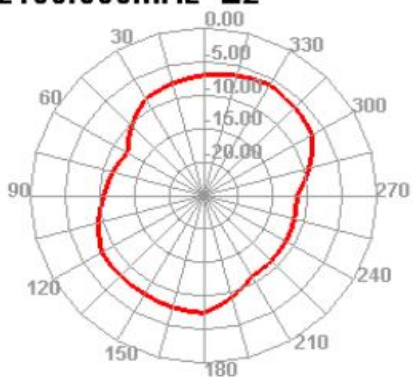
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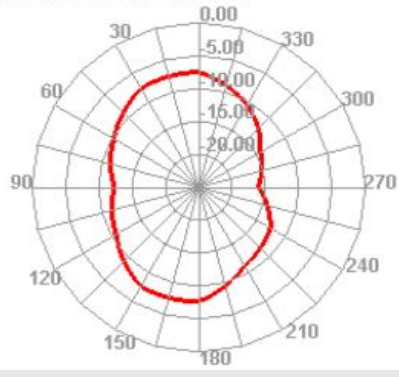
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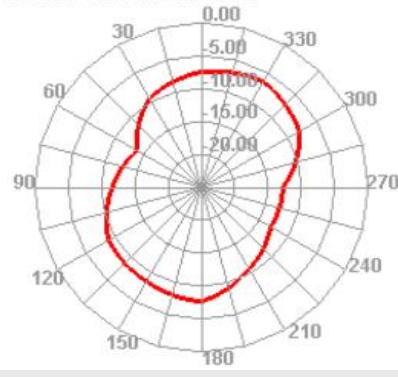
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2110.000MHz E1

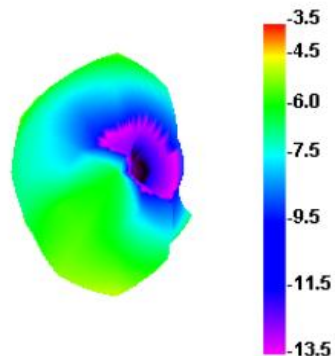


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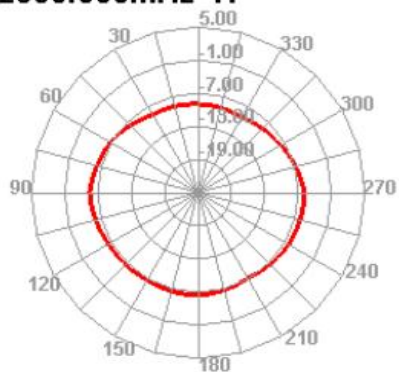


效率与增益

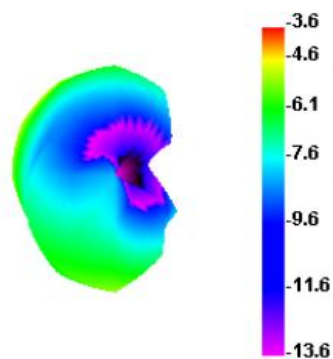
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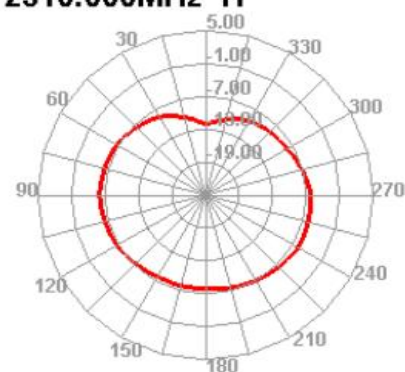
2300.000MHz H



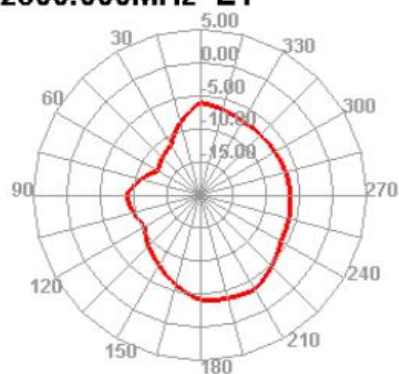
2310.000MHz



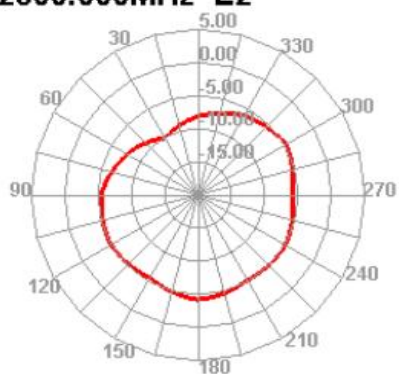
2310.000MHz H



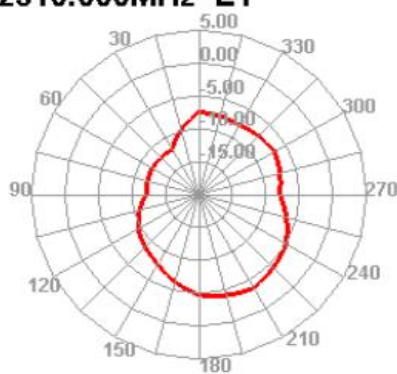
2300.000MHz E1



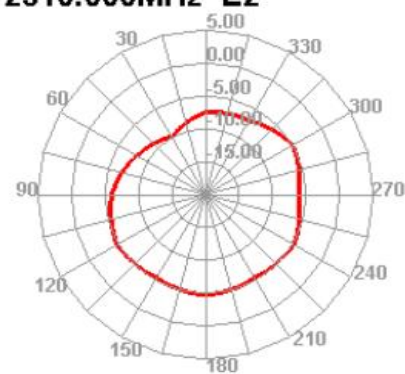
2300.000MHz E2



2310.000MHz E1

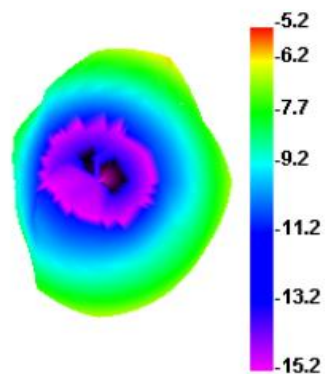


2310.000MHz E2

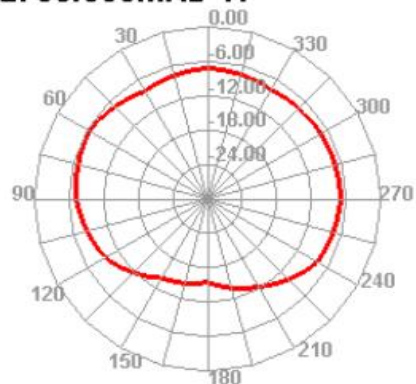


效率与增益

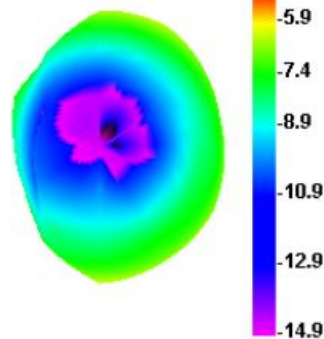
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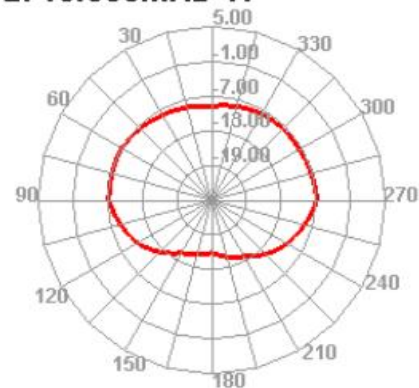
2700.000MHz H



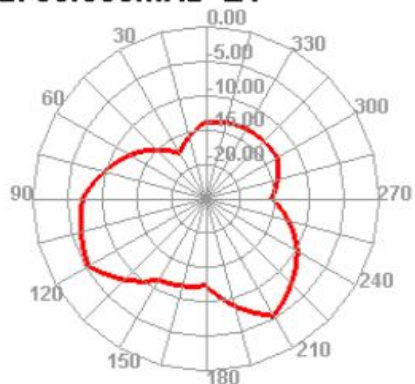
2710.000MHz



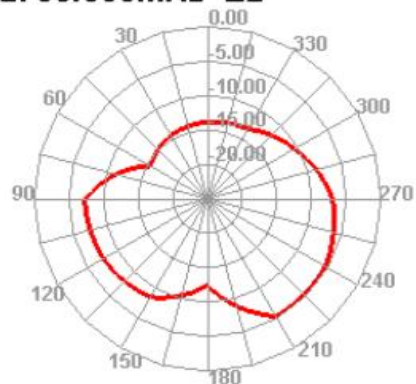
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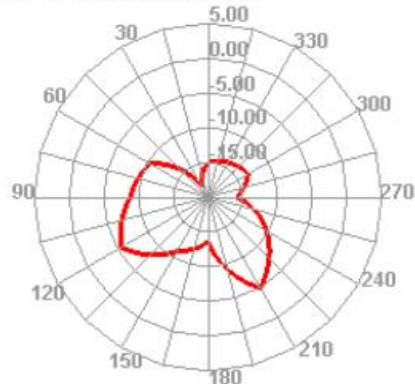
2700.000MHz E1



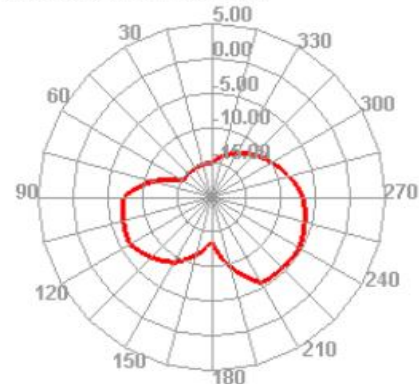
2700.000MHz E2



2710.000MHz E1



2710.000MHz E2



效率与增益

WIFI/BT-2.4G

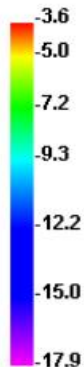
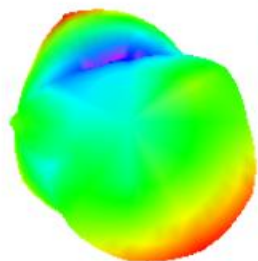
Passive Test For WIFI2.4										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	16.58	-7.8	-3.59	-5.74	8.505	8.079	-3.59	-17.89	55.76	57.21
2410	18.06	-7.43	-4.08	-6.23	10.078	7.981	-4.08	-19.83	55.83	58.53
2420	18.11	-7.42	-3.53	-5.68	9.534	8.578	-3.53	-15.99	56.07	58.09
2430	20.43	-6.9	-4.03	-6.18	11.073	9.357	-4.03	-16.34	56.25	58.05
2440	20.51	-6.88	-3.68	-5.83	11.024	9.489	-3.68	-22.22	56.61	58.56
2450	21.7	-6.64	-3.61	-5.76	11.534	10.168	-3.61	-17.94	56.87	58.64
2460	20.77	-6.82	-3.84	-5.99	11.417	9.357	-3.84	-16.42	56.54	57.97
2470	20.35	-6.92	-3.15	-5.3	11.26	9.087	-3.15	-15.42	56.17	58.01
2480	19.98	-6.99	-3.86	-6.01	11.332	8.645	-3.86	-20.29	56.4	57.83
2490	20.57	-6.87	-3.29	-5.44	11.469	9.1	-3.29	-15.71	56.48	57.83
2500	20.8	-6.82	-3.37	-5.52	11.886	8.919	-3.37	-14.87	56.61	58.07



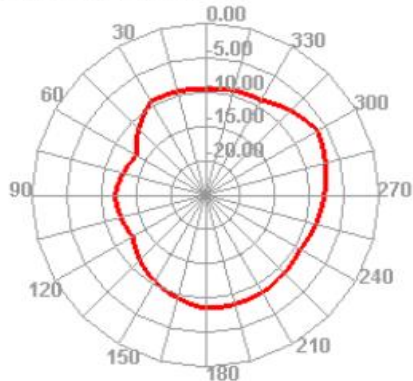
效率与增益

WIFI/BT-2.4G

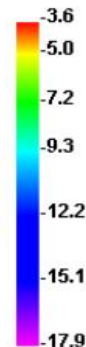
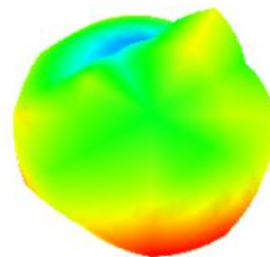
2400.000MHz



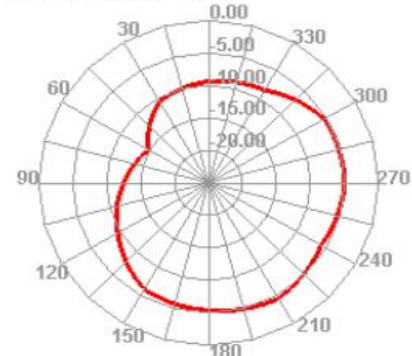
2400.000MHz H



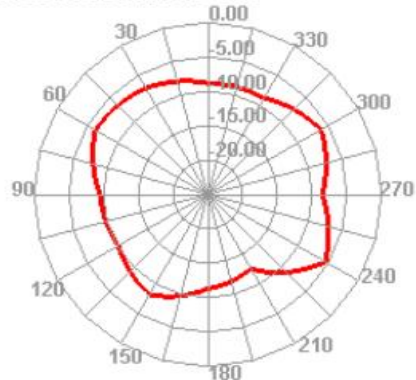
2450.000MHz



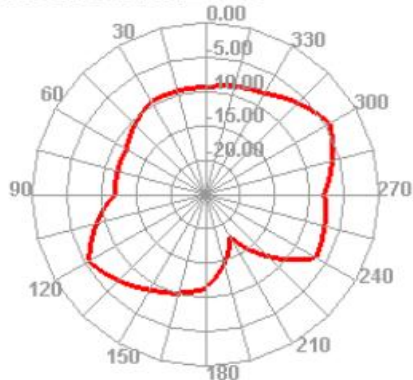
2450.000MHz H



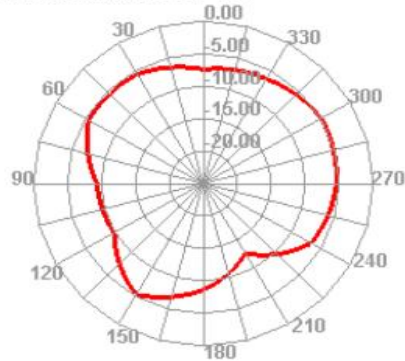
2400.000MHz E1



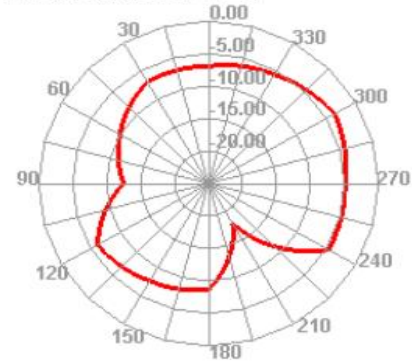
2400.000MHz E2



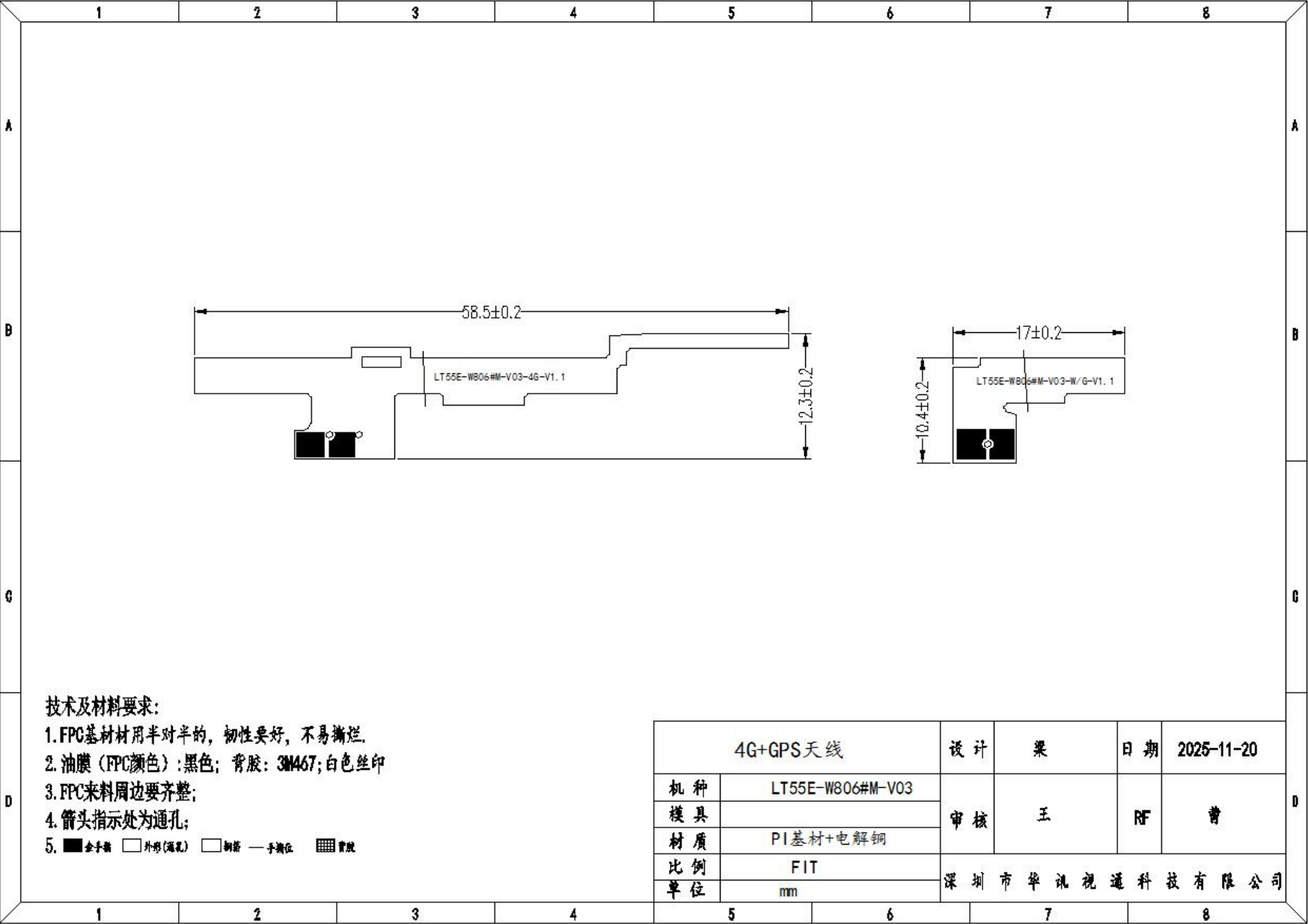
2450.000MHz E1



2450.000MHz E2



结构图纸



GPS实测



自由状态



穿戴状态





深圳华讯视通科技有限公司
Shenzhen Huaxunshitong Technology Co.,Ltd.

Thanks !

