

主天线规格书

Main antenna specification

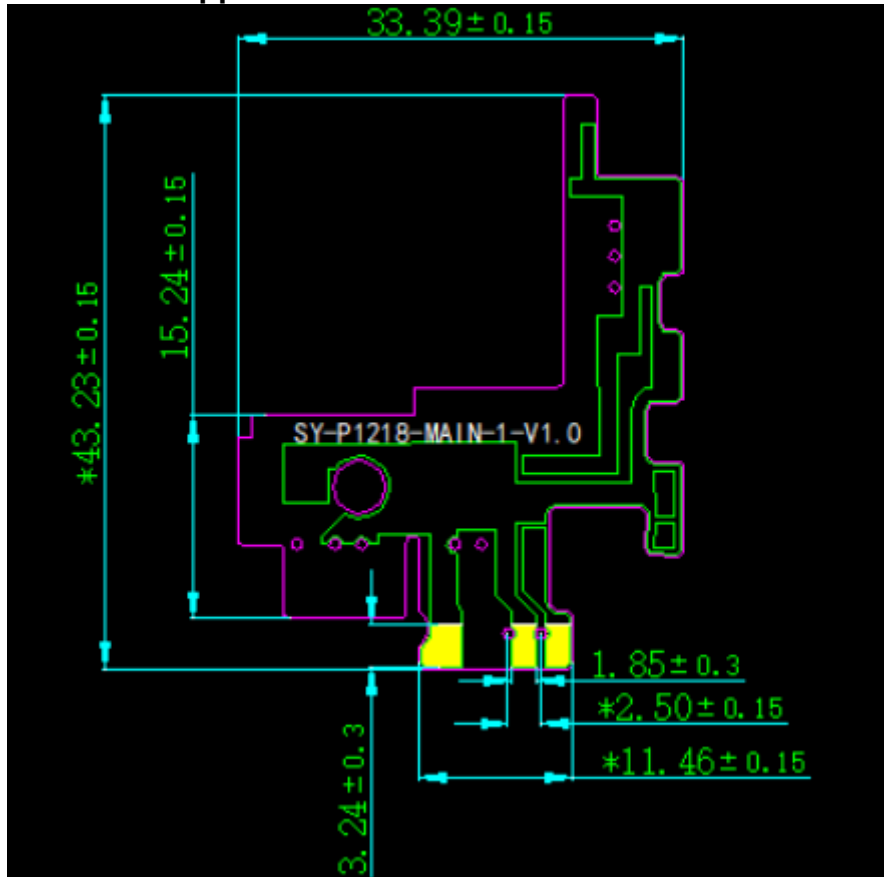
基本信息

General information

制造商 Manufacturer	Shanghai Shangyuan Communication Technology Co., Ltd.
地址 ADDRESS	1st Floor, Building 4, No.99, Lane 215, Gaoguang Road, Qingpu District, Shanghai
天线型号 Model Name	P1218-Main ant
日期 Date	2026-1-14
版本 Version	1.0
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天线外观

Antenna Appearance



技术规格

Technical Specifications

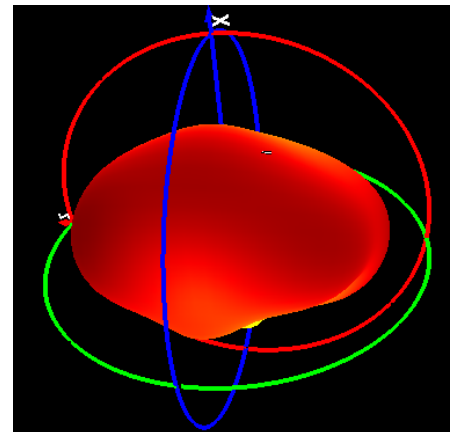
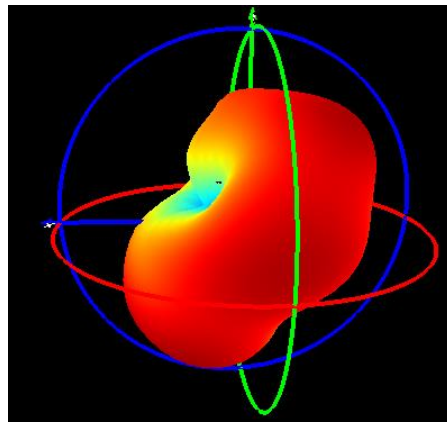
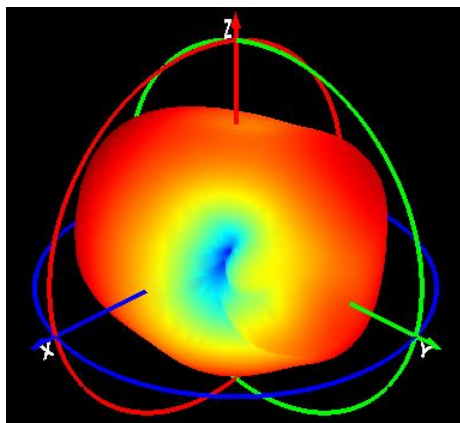
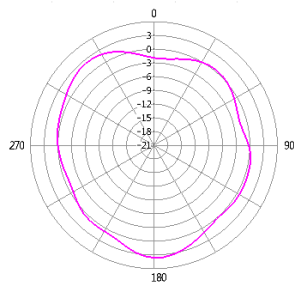
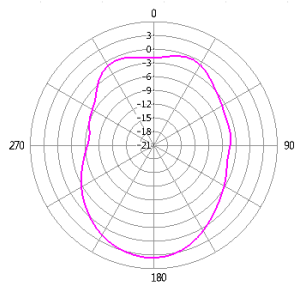
频率范围 Frequency Range	700~2690Mhz
天线类型 Antenna Type	IFA
尺寸 Dimensions	33.39*43.23
阻抗 Impedance	50 ohm
驻波比 VSWR	≤4
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Passive

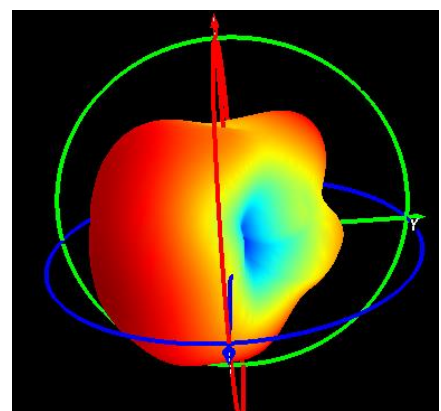
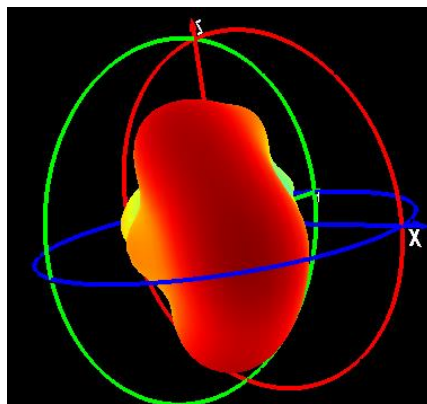
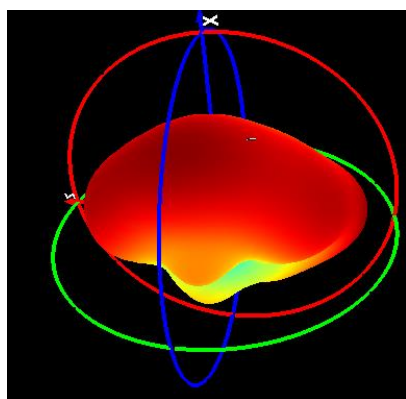
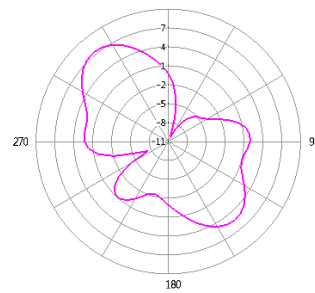
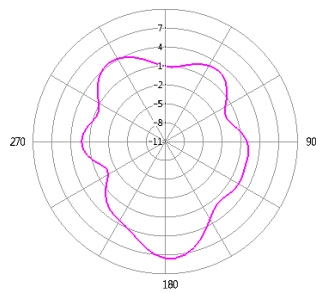
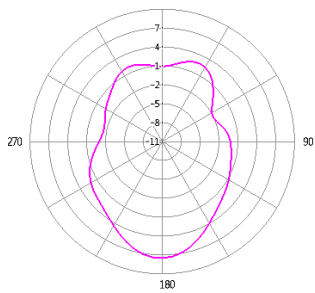
Frequency	Gain	Efficiency	Efficiency	Frequency	Gain	Efficiency	Efficiency	Frequency	Gain	Efficiency	Efficiency(%)
(MHz)	(dBi)	db	(%)	(MHz)	(dBi)	db	(%)	(MHz)	(dBi)	db	
B12/17/28				GSM1800/1900/W1/2/4/B1/2/3/4/25/38/40/41				2300	-0.64	-6.01	25.05
700	-3.58	-6.59	21.95	1710	-0.02	-5.02	31.47	2310	-0.71	-5.84	26.08
710	-2.94	-6.65	21.61	1720	0.11	-4.74	33.55	2320	-0.93	-5.63	27.38
720	-2.85	-6.81	20.83	1730	0.23	-4.56	35.03	2330	-0.67	-5.62	27.39
730	-3.33	-6.88	20.53	1740	0.22	-4.48	35.61	2340	-0.79	-5.82	26.17
740	-3.58	-7.19	19.11	1750	0.3	-4.51	35.4	2350	-0.59	-5.72	26.8
750	-3.77	-7.27	18.77	1760	0.29	-4.55	35.11	2360	-0.31	-5.58	27.7
760	-4.03	-7.55	17.56	1770	0.36	-4.6	34.64	2370	-0.3	-5.67	27.13
770	-3.91	-7.57	17.48	1780	-0.16	-4.74	33.6	2380	-0.51	-6	25.14
780	-4.48	-7.42	18.1	1790	-0.33	-5	31.62	2390	-0.14	-6.12	24.45
790	-4.43	-7.54	17.6	1800	-0.5	-5.13	30.72	2400	-0.12	-5.99	25.19
Frequency	Gain	Efficiency	Efficiency	1810	-0.46	-5.25	29.86				
(MHz)	(dBi)	db	(%)					2410	-0.07	-5.79	26.37
GMS850/W5/B5/B26/B20				1820	-0.4	-5.21	30.13	2420	0.18	-5.89	25.79
790	-1.09	-5.17	30.44	1830	-0.43	-5.25	29.87	2430	0.51	-5.76	26.56
800	-0.74	-4.91	32.25	1840	-0.39	-5.2	30.18	2440	0.46	-5.5	28.2
810	-1.06	-5.02	31.47	1850	-0.36	-5.14	30.62	2450	0.59	-5.13	30.68
820	-1.42	-5.27	29.69	1860	-0.62	-5.32	29.41	2460	0.64	-5.05	31.26
830	-1.84	-5.61	27.48	1870	-0.81	-5.45	28.53	2470	0.91	-5.11	30.86
840	-1.8	-5.8	26.29	1880	-1.2	-5.66	27.18	2480	0.89	-4.94	32.08
850	-2.45	-6.22	23.9	1890	-1.37	-5.84	26.09	2490	1.04	-4.77	33.38
860	-2.83	-6.42	22.8	1900	-1.48	-5.85	26.01	2500	1.26	-4.75	33.49
870	-2.83	-6.51	22.36	1910	-1.57	-5.71	26.85	2510	1.36	-4.81	33.03
880	-3.29	-7.05	19.73	1920	-1.77	-5.51	28.15	2520	1.47	-4.84	32.8
890	-3.64	-7.42	18.13	1930	-1.97	-5.35	29.19				
Frequency	Gain	Efficiency	Efficiency					2530	1.28	-4.63	34.47
(MHz)	(dBi)	db	(%)	1940	-1.65	-4.97	31.86	2540	1.22	-4.51	35.42
GSM900/W8/B8				1950	-1.14	-4.66	34.16	2550	1.39	-4.5	35.45
870	-0.5	-4.72	33.73	1960	-0.92	-4.5	35.47	2560	1.32	-4.36	36.64
880	-0.08	-4.3	37.17	1970	-0.97	-4.76	33.4	2570	1.34	-4.15	38.46
890	0.2	-4.25	37.62	1980	-1.26	-4.82	32.94	2580	1.53	-3.86	41.12
900	0.16	-4.53	35.25	1990	-1.19	-4.97	31.85	2590	1.76	-3.97	40.1
910	-0.2	-5.13	30.7	2000	-0.97	-5.03	31.42	2600	1.87	-3.85	41.19
920	-0.91	-5.88	25.81	2010	-0.53	-5.15	30.56	2610	1.8	-3.93	40.45
930	-1.38	-6.31	23.4	2020	-0.34	-5.06	31.19	2620	1.93	-3.79	41.8
940	-2.22	-7.24	18.89	2030	0.07	-4.69	33.96	2630	2.24	-4.03	39.55
950	-2.84	-7.81	16.56	2040	0.36	-4.46	35.77	2640	2.65	-4.78	33.27
960	-3.45	-8.4	14.47	2050	0.32	-4.65	34.24	2650	2.74	-3.36	46.1
				2060	0.27	-4.66	34.19	2660	2.77	-3.46	45.04
				2070	0.22	-4.6	34.67	2670	3.1	-3.29	46.86
				2080	0.32	-4.52	35.28	2680	2.74	-3.71	42.57
				2090	0.31	-4.88	32.49	2690	2.76	-3.68	42.83
				2100	0.3	-5.31	29.44	2700	2.44	-3.84	41.28
				2110	0.12	-5.4	28.86				
				2120	0.36	-5.3	29.51				
				2130	0.28	-5.62	27.43				
				2140	0.43	-5.62	27.44				
				2150	0.4	-5.54	27.9				
				2160	0.64	-5.19	30.28				
				2170	0.51	-5.1	30.92				

Pattens

700Mhz

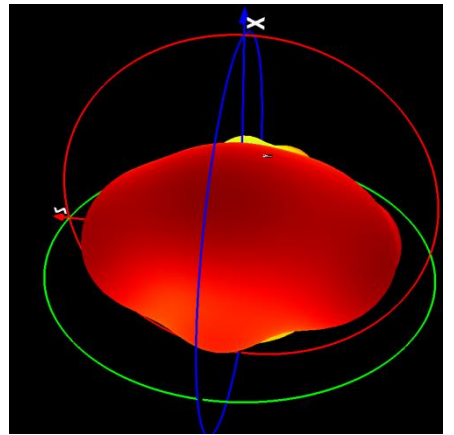
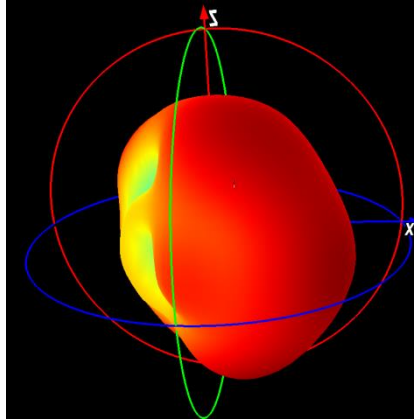
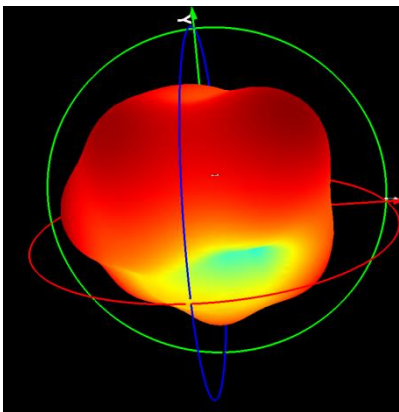
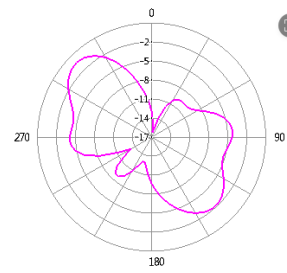
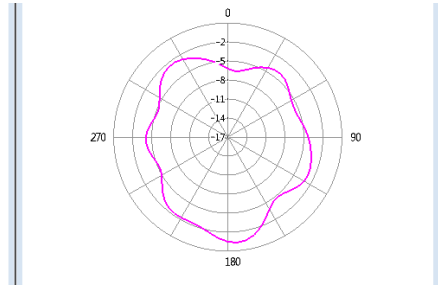
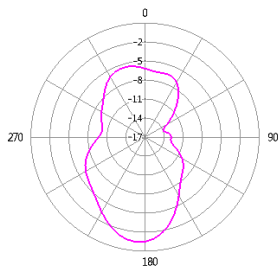


850Mhz

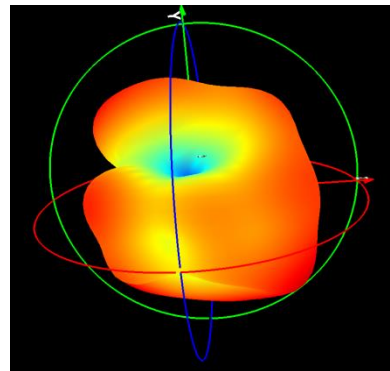
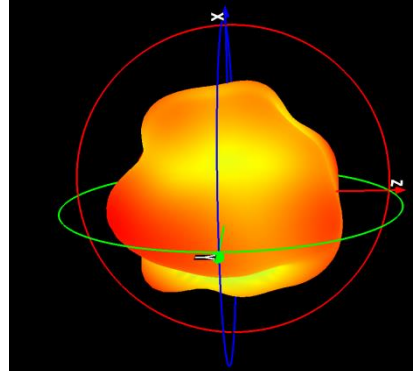
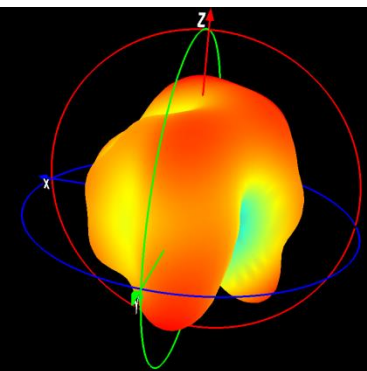
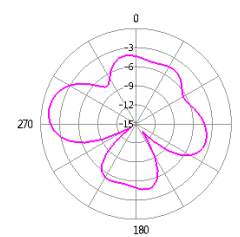
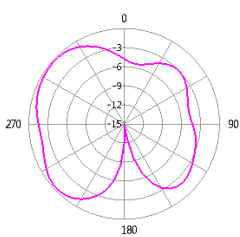
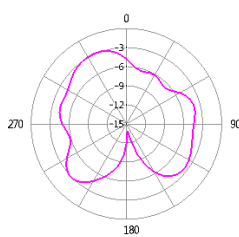


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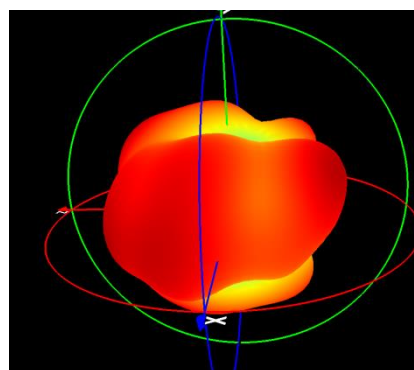
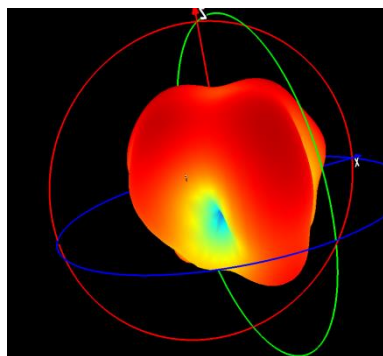
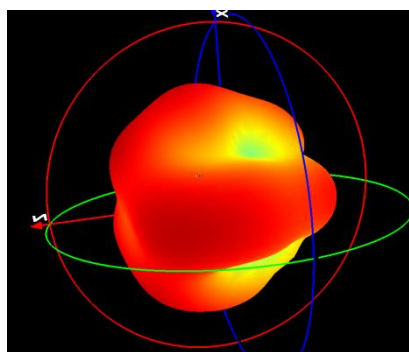
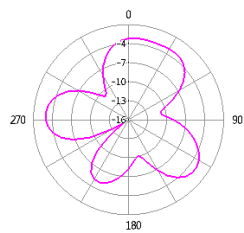
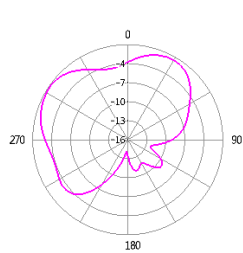
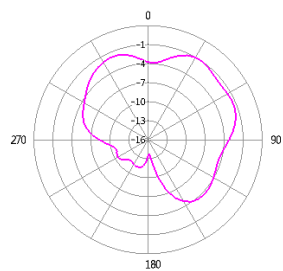
880Mhz



1710Mhz



2110Mhz



2690Mhz

