



MEIG

美格智能技术股份有限公司
MeiG Smart Technology Co., Ltd



1. Specifications
2. Antenna Characteristics
3. Radiation Patterns
4. Contact



1-1.Specifications- Summary parameters

Impedance	50 Ω
Polarization	Linear
Radiation Pattern	Omni
Max. input power	5W
Planner Dimension	45*17mm
Casing	ABS
ANT Type	PCB ANT
ANT model	<u>WiFi 1</u> , <u>WiFi 2</u>
Temperature Range	-40°C to 85°C
ANT manufacturer	<u>MeiG Smart Technology Co., Ltd</u> <u>2nd Floor,Office Building,No.5 Lingxia</u> <u>Road,Fenghuang,Fuyong</u> <u>Street,Bao'an District,Shenzhen</u>
test lab	<u>MeiG Smart Technology Co., Ltd</u> <u>2nd Floor,Office Building,No.5 Lingxia</u> <u>Road,Fenghuang,Fuyong</u> <u>Street,Bao'an District,Shenzhen</u>

1-2. Test instrument and test photo

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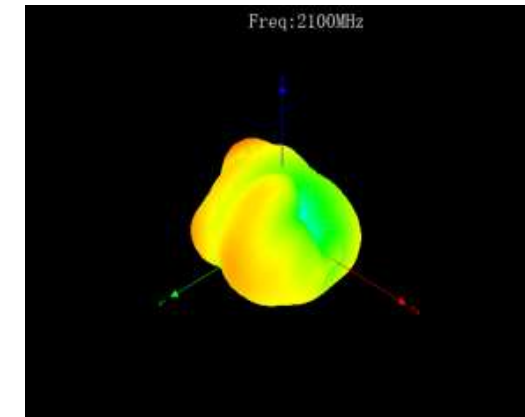
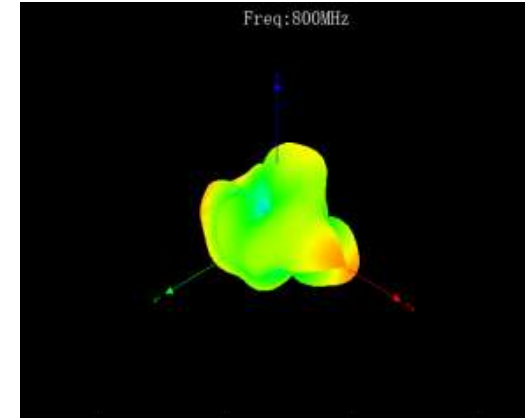
test photo

Test instrument

Test instrument calibration time:
2022.11.2

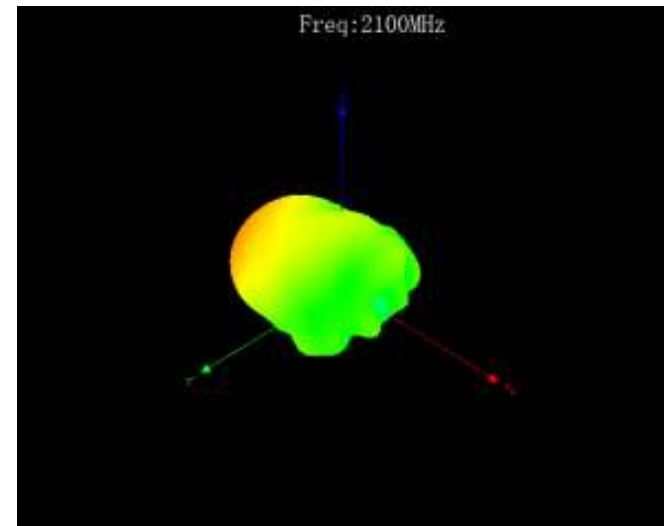
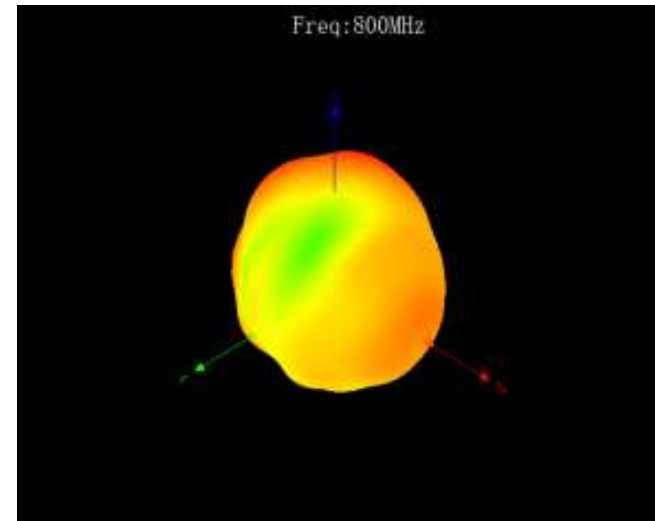
A0

Frequency/ Mhz	MaxGain/dBi	Efficiency / %	Frequency/M hz	MaxGain/dBi	Efficiency / %	Frequency/M hz	MaxGain/dBi	Efficiency / %
700	-2.46	34.66	1700	-0.68	32.86	2350	1	45.6
705	-3.71	32.34	1710	-1.61	39.63	2360	1.35	47.86
710	-2.83	32.03	1720	-1.05	33.88	2370	1.43	47.42
715	-2.62	33.12	1730	-1.06	33.44	2380	1.45	48.42
720	-4.39	36.56	1740	-0.6	35.76	2390	1.75	48.75
725	-3.43	36.79	1750	-1.66	32.8	2400	1.16	51.29
730	-4.06	37.1	1760	-1.06	37.67	2410	1.87	50.82
735	-5.31	32.88	1770	-1.18	35.76	2420	1.24	52.84
740	-5.26	32.88	1780	-1.05	37.86	2430	1.47	53.33
745	-5.62	40.57	1790	-1.42	35.47	2440	1.44	51.76
750	-4.92	40.45	1800	-0.94	38.58	2450	1.81	51.4
755	-4.38	41.4	1810	-1.2	35.94	2460	1.06	53.95
760	-4.58	40.99	1820	-0.93	37.42	2470	1.62	57.02
765	-3.18	43.21	1830	-0.87	37.54	2480	1.22	51.76
770	-2.99	47.22	1840	-0.62	39.51	2490	1.58	52.48
775	-2.76	47.3	1850	-0.7	38.05	2500	2	53.58
780	-2.26	40.42	1860	-0.55	39.38	2510	1.09	51.29
785	-2.79	42.13	1870	-0.71	38.31	2520	1.33	48.75
790	-2.08	42.44	1880	-0.51	39.99	2530	1.11	51.4
795	-2.11	35.94	1890	-0.92	36.85	2540	1.48	54.45
800	-3.24	31.58	1900	-0.34	39.51	2550	1.62	52.48
805	-1.96	32.18	1910	-0.8	36	2560	1.03	49.43
810	-2.28	34.66	1920	-0.74	36.06	2570	0.96	52.24
815	-3.11	39.05	1930	-0.91	33.88	2580	1.33	53.7
820	-2.01	32.54	1940	-0.86	33.12	2590	1.57	51.17
825	-2.69	33.23	1950	-1.59	31.38	2600	1.74	52.72
830	-2.15	39.68	1960	-1.88	33.5	2610	1.71	54.83
835	-2.22	33.17	1970	-0.99	36.06	2620	1.84	53.58
840	-3.77	37.78	1980	-0.29	38.77	2630	1.68	51.29
845	-2.08	38.11	1990	-0.67	36.67	2640	1.99	52.12
850	-3	30.75	2000	-0.84	40.2	2650	1.67	52
855	-3.98	35.38	2010	-0.21	41.41	2660	1.18	50
860	-3.15	30.37	2020	-0.04	40.97	2670	1.78	52.48
865	-3.42	33.99	2030	-0.52	39.11	2680	1.82	50.7
870	-2.46	34.83	2040	-0.23	41.48	2690	1.42	51.05
875	-1.22	43.5	2050	0.58	43.81	2700	0.76	48.75
880	-2.91	37.99	2060	0.29	42.58			
885	-1.08	42.89	2070	0.1	42.06			
890	-0.58	47.41	2080	0.66	45.08			
895	-2.3	38.44	2090	0.69	44.28			
900	-0.4	45.08	2100	0.4	45.24			
905	-1.15	43.27	2110	0.47	44.59			
910	-1.2	40.69	2120	0.65	48.64			
915	0.02	44.99	2130	0.78	47.07			
920	-1.73	37.48	2140	0.58	48.19			
925	0.01	42.21	2150	0.45	47.24			
930	-0.11	42.14	2160	0.53	48.11			
935	-1.2	35.29	2170	0.62	47.07			
940	0.08	39.17	2300	0.58	42.27			
945	-0.67	36.55	2310	0.36	41.21			
950	0.18	37.04	2320	0.61	43.55			
955	0.12	36.98	2330	1.07	45.19			
960	-0.82	32.7	2340	0.9	46.67			



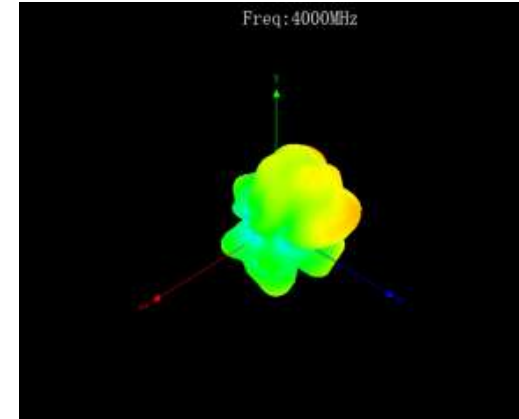
A1

Frequency/Mhz	MaxGai n/dBi	Efficienc y / %	Frequenc y/Mhz	MaxGain/ dBi	Efficiency / %	Frequency/Mhz	MaxGain/dBi	Efficiency / %
700	-2.69	26.06	1700	0.55	39.99	2350	1.35	50
705	-3.76	23.66	1710	0.3	36.48	2360	1.07	49.89
710	-3.38	23.93	1720	0.23	44.67	2370	1.81	46.99
715	-3.1	26.92	1730	0.03	45.5	2380	1.56	45.19
720	-4.61	20.99	1740	0.55	50.23	2390	1.52	43.15
725	-3.36	23.23	1750	-0.02	45.5	2400	1.45	44.67
730	-3.18	26.18	1760	0.9	54.83	2410	1.47	41.4
735	-3.68	21.09	1770	0.75	51.52	2420	1.3	43.85
740	-3.27	22.03	1780	0.07	54.7	2430	1.4	42.76
745	-3.72	28.62	1790	-0.19	49.77	2440	1.82	40.46
750	-3.26	28.49	1800	0.31	55.34	2450	0.92	38.19
755	-3.17	28.37	1810	0.12	50.58	2460	1.6	41.21
760	-4.1	25.24	1820	0.35	52.48	2470	1.04	42.66
765	-3.2	26.07	1830	0.44	52.48	2480	1.63	38.64
770	-3.23	28.49	1840	0.71	56.62	2490	1.2	38.99
775	-3.39	27.06	1850	0.7	53.33	2500	0.52	36.9
780	-2.85	29.19	1860	0.79	55.85	2510	0.86	37.5
785	-3.51	30.14	1870	0.5	52.6	2520	0.52	36.98
790	-2.81	30.46	1880	0.78	55.72	2530	0.4	38.73
795	-2.88	33.99	1890	0.48	49.66	2540	0.26	40.27
800	-3.68	30.37	1900	0.89	55.08	2550	0.24	38.73
805	-2.33	32.03	1910	0.37	49.2	2560	-0.52	36.48
810	-2.45	35.82	1920	0.67	52	2570	-0.61	37.5
815	-3.22	30.18	1930	0.86	49.43	2580	-0.02	37.93
820	-2.27	33.88	1940	0.36	52	2590	0.11	36.31
825	-2.66	35.29	1950	0.82	46.99	2600	0.57	37.67
830	-2.03	32.59	1960	0.02	50.58	2610	0.46	38.9
835	-1.86	37.73	1970	0.34	51.64	2620	0.66	38.19
840	-3.28	32.18	1980	0.8	55.59	2630	0.54	37.15
845	-1.19	33.5	1990	0.7	47.64	2640	0.9	37.24
850	-1.58	37.1	2000	0.83	52.97	2650	0.77	37.41
855	-2.81	28.41	2010	0.98	51.64	2660	0.24	35.24
860	-2.22	30.28	2020	0.08	50.93	2670	0.79	36.9
865	-3.64	28.71	2030	0.01	45.39	2680	0.8	34.36
870	-3.12	25.35	2040	0.29	49.2	2690	0.69	34.83
875	-3.6	27.1	2050	0.56	50	2700	0.35	31.77
880	-5.45	22.62	2060	0.54	48.31			
885	-3.97	24.55	2070	-0.14	45.6			
890	-4.29	26.14	2080	0.3	50			
895	-5.3	22.02	2090	0.2	46.67			
900	-4.37	24.93	2100	0.87	48.19			
905	-4.85	24.32	2110	-0.15	46.13			
910	-4.49	23.71	2120	0.39	52.36			
915	-3.89	25.45	2130	0.35	49.55			
920	-5.02	22.05	2140	0.45	50.7			
925	-3.81	24.83	2150	0.23	49.2			
930	-3.79	24.93	2160	0.28	49.66			
935	-4.33	21.83	2170	0.13	47.64			
940	-3.36	23.93	2300	1.58	51.52			
945	-3.9	23.06	2310	1.48	50.7			
950	-3.31	23.8	2320	1.12	51.76			
955	-3.19	23.61	2330	1.44	53.33			



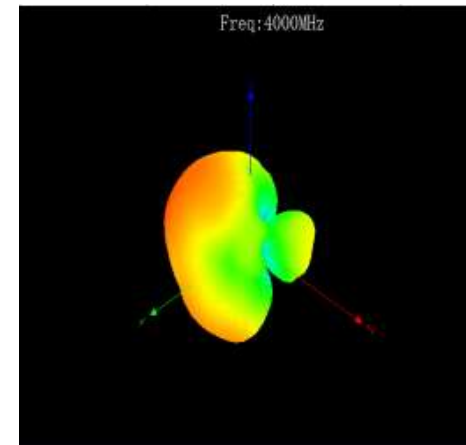
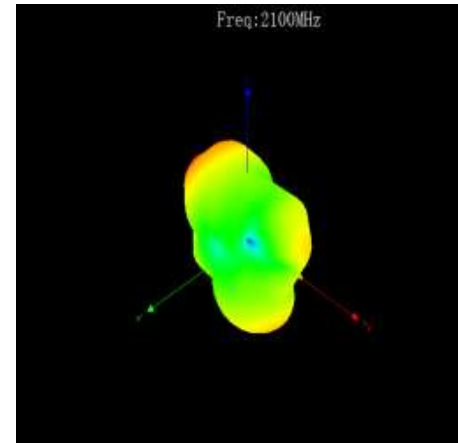
A2

Frequency/Mhz	MaxGain/dBi	Efficiency / %	Frequency/Mhz	MaxGain/dBi	Efficiency / %
3300	1.8	53.21	4160	1.46	48.42
3320	1.99	52.6	4180	1.94	47.32
3340	2.16	55.85	4200	2.01	51.29
3360	2.14	54.83	4220	1.98	46.99
3380	2.21	58.08	4240	2.2	50.35
3400	2.14	59.43	4260	2.14	50.93
3420	2.12	54.33	4280	2.18	50.58
3440	2.09	60.67	4300	2.08	57.81
3460	2.03	57.15	4320	2.1	56.75
3480	2.12	62.09	4340	2.17	57.68
3500	2.17	60.67	4360	2.04	53.95
3520	2.07	60.53	4380	2.24	54.95
3540	2.09	66.07	4400	1.52	54.2
3560	2.15	62.66	4420	0.85	48.64
3580	2.23	67.76	4440	0.94	52
3600	2.09	65.46	4460	0.34	47.21
3620	2.06	64.71	4480	0.48	46.45
3640	2.1	65.46	4500	0.16	48.31
3660	2.16	63.68	4520	0.98	52.48
3680	2.15	70.31	4540	0.74	58.75
3700	2.26	58.88	4560	0.77	50.35
3720	2.22	61.8	4580	0.49	55.34
3740	2.1	60.39	4600	0.82	53.46
3760	2.18	59.16	4620	0.29	53.58
3780	2.09	57.15	4640	0.22	50.58
3800	2.14	52.48	4660	-0.2	47.64
3820	2.14	55.34	4680	0.03	47.86
3840	1.64	49.43	4700	-0.38	44.57
3860	2.24	50.82	4720	-0.02	48.08
3880	1.92	51.88	4740	0.51	52.84
3900	2.16	49.89	4760	0.81	50.58
3920	2.02	50.47	4780	1.01	55.46
3940	2.17	44.98	4800	1.12	52.84
3960	2.13	48.98	4820	1.28	60.53
3980	2.12	44.26	4840	0.99	52.6
4000	2.13	46.13	4860	0.85	54.58
4020	2.14	46.56	4880	0.69	51.05
4040	2.04	44.26	4900	-0.19	49.09
4060	2.11	46.13	4920	-0.41	49.89
4080	2	45.71	4940	-0.74	47.64
4100	2.05	49.32	4960	-0.29	52.72
4120	1.8	47.32	4980	-0.23	48.98
4140	1.9	44.87	5000	0.29	50.23



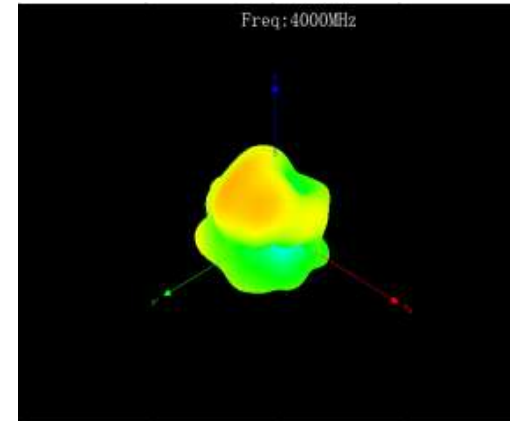
A3

Frequency MHz	Frequency MHz			Frequency MHz			Frequency MHz				
	MaxGain dB	Efficiency %	Efficiency %	MaxGain dB	Efficiency %	Efficiency %	MaxGain dB	Efficiency %	Efficiency %		
1700	-0.46	26.83	2190	0.06	36.06	2680	-1.56	35.59	4220	0.79	48.42
1710	-1.27	24.96	2200	0.75	35.64	2690	-1.48	36.12	4240	0.93	51.52
1720	-0.75	28.37	2210	0.28	33.93	2700	-2.03	34.49	4260	1.1	52.48
1730	-0.81	28.66	2220	0.17	34.72	3300	0.94	29.79	4280	1.07	52.12
1740	-0.29	31.63	2230	-0.29	33.39	3320	1.17	33.5	4300	1.72	60.26
1750	-1.29	30.04	2240	-0.98	33.44	3340	2.16	39.54	4320	1.73	60.39
1760	-0.5	35.82	2250	-1.04	34.21	3360	2.18	42.85	4340	1.69	62.09
1770	-0.35	35.88	2260	-1.11	34.66	3380	1.32	47.1	4360	1.6	59.7
1780	-0.13	39.65	2270	-1.18	34.6	3400	1.24	49.77	4380	1.18	60.39
1790	-0.64	38.84	2280	-1.29	35	3420	1.23	46.24	4400	1.25	60.67
1800	0.13	44.43	2290	-0.84	36.67	3440	1.31	51.64	4420	0.46	53.58
1810	0.46	43.65	2300	-0.75	38.25	3460	1.6	50.23	4440	1.44	58.21
1820	0.47	47.15	2310	-0.9	38.38	3480	1.82	53.95	4460	1.01	52.48
1830	0.71	48.99	2320	-0.56	40.83	3500	2.25	54.33	4480	1.44	52.12
1840	0.5	53.75	2330	-0.02	42.58	3520	2.13	53.09	4500	1.15	54.08
1850	0.79	52.36	2340	-0.21	44.75	3540	2.11	58.61	4520	1.69	58.48
1860	0.83	54.06	2350	-0.41	44.91	3560	2.14	54.95	4540	1.41	65.01
1870	1.06	51.21	2360	-0.08	47.41	3580	2.21	59.7	4560	1.14	55.59
1880	1.02	52.17	2370	0.04	47.76	3600	2.22	57.68	4580	0.73	61.09
1890	1.03	44.99	2380	0.15	48.37	3620	2.18	56.23	4600	1.15	59.84
1900	1.15	45.4	2390	0.24	48.9	3640	2.06	56.49	4620	0.49	60.53
1910	0.87	38.44	2400	0.53	51.02	3660	2.19	54.83	4640	0.45	58.21
1920	0.78	36.12	2410	0.36	50.36	3680	2.21	60.95	4660	0.13	55.34
1930	0.94	32.08	2420	0.29	51.21	3700	2.04	51.05	4680	0.48	55.98
1940	0.74	30	2430	0.48	51.3	3720	2.09	52.6	4700	0.13	51.29
1950	0.06	26.98	2440	0.78	48.64	3740	2.12	51.05	4720	0.48	54.08
1960	-0.59	27.14	2450	0.12	48.28	3760	2.16	50.23	4740	0.89	57.81
1970	-0.65	28.28	2460	0.26	48.73	3780	2.13	50.12	4760	0.73	54.95
1980	-0.51	30.75	2470	0.87	49.81	3800	2.17	47.75	4780	1.4	59.43
1990	-1.07	30.42	2480	0.18	45.32	3820	2.17	51.76	4800	1.04	56.1
2000	-1.01	34.95	2490	0.63	45.4	3840	2.22	46.67	4820	1.94	63.68
2010	-0.14	38.31	2500	0.75	44.51	3860	2.15	47.53	4840	1.21	55.59
2020	0.31	40.83	2510	0.38	42.58	3880	1.99	48.42	4860	1.51	56.75
2030	0.08	41.05	2520	-0.47	40.06	3900	2.13	46.45	4880	1.05	51.9
2040	0.78	46.31	2530	-0.49	41.12	3920	1.57	47.32	4900	2.15	46.44
2050	0.81	50.83	2540	0.07	41.7	3940	1.55	42.46	4920	2.19	46.13
2060	0.87	51.3	2550	-0.18	40.2	3960	1.29	45.71	4940	2.11	43.05
2070	0.93	51.02	2560	-1.21	37.42	3980	1.14	41.4	4960	2.15	47.42
2080	0.75	55.19	2570	-1.08	39.04	4000	2.14	42.66	4980	2.16	43.75
2090	0.87	53.55	2580	-0.54	38.64	4020	1.11	43.45	5000	2.13	44.06
2100	1.57	53.75	2590	-1.02	37.93	4040	0.74	41.3			
2110	0.57	51.3	2600	-0.89	37.73	4060	0.75	43.05			
2120	1.16	53.85	2610	-0.85	38.91	4080	0.5	42.85			
2130	0.95	50.18	2620	-1.08	37.99	4100	0.96	46.88			
2140	0.53	48.11	2630	-1.47	37.16	4120	0.62	45.81			
2150	0.57	44.67	2640	-1.43	36.73	4140	0.9	44.06			
2160	0.6	42.66	2650	-1.48	36.85	4160	0.75	48.31			
2170	0.27	39.58	2660	-1.9	35.59	4180	1.17	48.19			
2180	0.15	38.38	2670	-1.43	37.04	4200	1.29	52.12			



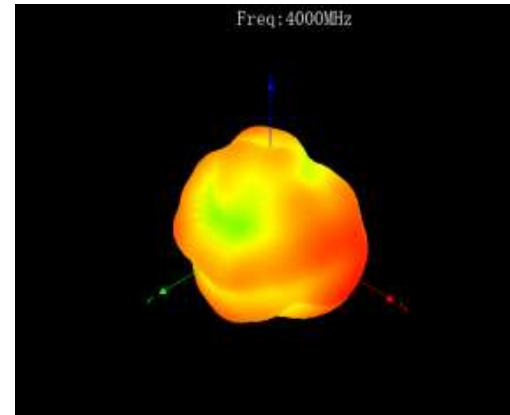
A4

Frequency/Mhz	MaxGain/dBi	Efficiency / %	Frequency/Mhz	MaxGain/dBi	Efficiency / %
3300	1.51	60.53	4160	1.43	57.68
3320	1.09	59.84	4180	1.63	54.83
3340	1.9	63.39	4200	1.97	59.7
3360	1.39	62.95	4220	1.48	53.58
3380	2.07	65.77	4240	1.7	57.68
3400	1.74	67.14	4260	1.94	58.75
3420	1.72	61.24	4280	2.02	58.61
3440	1.94	68.39	4300	2.16	66.68
3460	2.23	65.31	4320	2.2	65.01
3480	2.08	69.5	4340	2.13	66.53
3500	2.11	67.92	4360	1.79	63.24
3520	2.09	66.07	4380	2.05	65.01
3540	2.18	72.28	4400	1.69	65.16
3560	2.13	68.23	4420	1.1	57.81
3580	2.14	73.45	4440	1.57	63.24
3600	2.12	70.96	4460	1.13	57.81
3620	2.11	68.87	4480	1.2	57.94
3640	2.16	70.63	4500	1.03	59.98
3660	2.02	68.71	4520	1.53	63.83
3680	2.05	76.38	4540	1.23	70.79
3700	2.17	64.57	4560	0.78	59.02
3720	2.11	66.83	4580	0.73	64.57
3740	2.16	66.83	4600	0.82	60.95
3760	2.18	65.16	4620	0.59	61.38
3780	2.16	64.57	4640	0.43	57.54
3800	2.14	59.29	4660	0.19	54.83
3820	2.19	63.53	4680	0.4	55.72
3840	2.1	57.15	4700	0.22	51.52
3860	2.16	58.34	4720	0.55	54.95
3880	2.01	59.7	4740	0.94	58.21
3900	2.2	56.75	4760	0.76	54.7
3920	1.58	57.68	4780	1.28	58.75
3940	1.48	51.4	4800	0.89	55.21
3960	1.62	56.49	4820	1.89	64.71
3980	1.39	51.64	4840	1.11	56.75
4000	2.17	53.83	4860	1.51	61.52
4020	1.53	54.58	4880	1.1	57.81
4040	1.39	52.12	4900	0.78	57.02
4060	1.45	54.08	4920	0.79	56.75
4080	1.4	54.2	4940	0.4	53.83
4100	1.79	58.08	4960	0.84	58.21
4120	1.34	56.49	4980	0.57	54.08
4140	1.36	52.48	5000	1.1	55.72



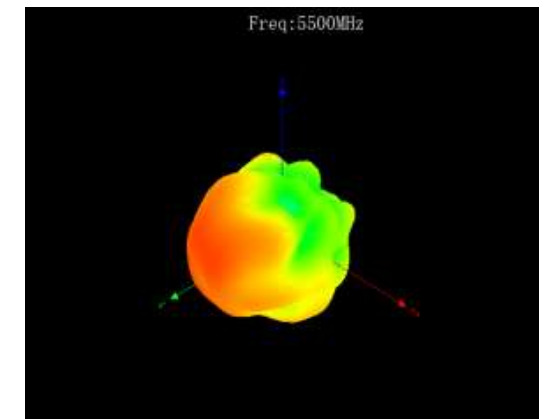
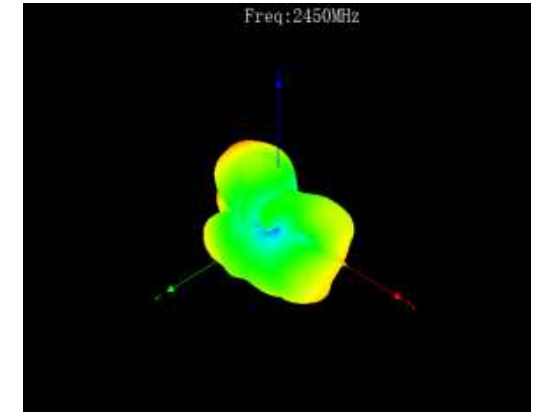
A5

Frequency/Mhz	MaxGain/dBi	Efficiency / %	Frequency/Mhz	MaxGain/dBi	Efficiency / %
3300	2.04	58.21	4160	1.73	47.86
3320	2.27	56.62	4180	2.18	46.24
3340	2.07	58.75	4200	2.28	48.19
3360	2.16	57.41	4220	1.85	43.85
3380	2.16	59.98	4240	1.71	46.34
3400	2.24	60.95	4260	1.69	47.42
3420	2.12	55.98	4280	1.6	47.64
3440	2.17	61.94	4300	2	54.45
3460	2.11	59.29	4320	1.98	53.7
3480	2.13	63.24	4340	1.99	54.2
3500	1.77	62.23	4360	1.77	50.47
3520	1.68	60.95	4380	1.89	50.93
3540	1.62	66.07	4400	2.04	49.89
3560	1.28	61.94	4420	1.26	43.85
3580	1.65	66.83	4440	1.67	46.88
3600	1.06	65.01	4460	1.38	42.85
3620	1.38	64.12	4480	1.59	42.95
3640	2.19	64.57	4500	1.53	44.57
3660	2.07	62.95	4520	2.03	48.64
3680	2.13	68.71	4540	1.76	54.45
3700	2.15	59.57	4560	1.61	48.08
3720	2.05	61.52	4580	1.63	53.46
3740	2.16	61.66	4600	1.9	53.46
3760	2.17	59.29	4620	1.61	53.95
3780	2.08	58.08	4640	1.71	52.48
3800	2.15	53.21	4660	1.27	49.32
3820	2.19	56.1	4680	1.52	49.55
3840	2.11	50.12	4700	0.73	44.87
3860	2.03	50.47	4720	0.89	47.1
3880	2.27	51.05	4740	1.2	50.7
3900	2.12	48.87	4760	1.08	48.19
3920	1.94	48.75	4780	1.63	53.33
3940	1.59	44.36	4800	1.19	50.82
3960	1.31	46.88	4820	1.91	58.34
3980	0.99	43.35	4840	1.09	51.17
4000	1.12	44.26	4860	1.29	53.09
4020	1.01	45.39	4880	1.01	49.2
4040	0.58	43.05	4900	0.58	46.56
4060	0.5	45.39	4920	0.78	46.77
4080	0.29	45.71	4940	0.66	44.87
4100	1.01	50.12	4960	1.5	50.23
4120	1.05	48.42	4980	1.64	47.64
4140	1.59	45.71	5000	2.11	49.2



W0

Frequency/ Mhz	Efficiency / MaxGain/dBi%		Frequency/Mh z	Frequency/Mh MaxGain/dBi		Efficiency / % z		
2400	-0.32	55.72	5200	1.48	65.31	5510	1.18	59.84
2405	-0.54	54.7	5210	1.05	58.61	5520	0.94	56.23
2410	-0.52	55.08	5220	1.03	61.09	5530	0.96	56.23
2415	0	58.88	5230	1.53	66.22	5540	1.13	59.7
2420	-0.16	57.28	5240	1.75	71.12	5550	1.08	58.21
2425	-0.31	53.21	5250	1.18	60.81	5560	0.66	52.6
2430	0.07	57.68	5260	1.49	67.61	5570	1.07	56.49
2435	0.04	59.02	5270	1.48	64.71	5580	1.46	62.09
2440	0.28	55.98	5280	1.43	65.16	5590	0.89	55.46
2445	0.88	57.28	5290	1.39	63.68	5600	0.99	55.72
2450	-0.11	55.72	5300	1.61	71.12	5610	1.2	58.61
2455	0.36	58.08	5310	1.74	70.47	5620	0.91	54.83
2460	0.17	58.88	5320	1.39	65.31	5630	0.38	47.64
2465	0.08	54.83	5330	1.81	68.87	5640	0.68	49.89
2470	0.58	62.23	5340	1.54	67.92	5650	0.66	49.55
2475	0.42	63.83	5350	1.61	64.12	5660	0.66	47.42
2480	0.2	56.49	5360	1.78	66.07	5670	0.46	44.87
2485	0.2	57.15	5370	1.11	68.71	5680	1.07	50.23
2490	-0.4	57.02	5380	1.8	68.23	5690	0.26	40.46
2495	-0.08	58.21	5390	1.57	61.94	5700	0.34	40.55
2500	0.99	58.08	5400	1.99	68.71	5710	0.59	41.5
			5410	1.55	63.24	5720	1.06	46.45
			5420	1.02	59.02	5730	0.87	42.46
			5430	1.26	60.95	5740	1.02	44.57
			5440	1.75	66.22	5750	1.53	50.82
			5450	1.11	57.28	5760	1.16	46.77
			5460	1.11	59.7	5770	1.03	45.6
			5470	1.23	58.61	5780	1.37	50.47
			5480	1.62	61.94	5790	1.5	52.24
			5490	0.54	50.23	5800	1.22	50.35
			5500	0.85	56.36			



W1

Frequency/MHz	MaxGain/dBi	Efficiency / %	Frequency/MHz	MaxGain/dBi	Efficiency / %	Frequency/MHz	MaxGain/dBi	Efficiency / %
2400	0.77	41.19	5200	1.88	63.24	5510	1.5	60.67
2405	0.62	41.05	5210	1.09	56.75	5520	1.22	58.21
2410	0.42	42.43	5220	1.07	59.02	5530	1.4	58.34
2415	0.24	45.32	5230	1.46	63.68	5540	1.46	62.95
2420	0.82	44.28	5240	1.78	68.23	5550	1.57	61.94
2425	0.55	42.58	5250	0.94	57.81	5560	0.99	56.89
2430	0.61	46.39	5260	1.27	64.42	5570	1.52	59.98
2435	0.1	47.76	5270	1.1	61.66	5580	1.59	66.53
2440	0.66	45.97	5280	1.05	61.94	5590	1.25	58.88
2445	0.81	47.41	5290	0.9	59.7	5600	1.13	59.98
2450	0.88	47.58	5300	1.19	66.83	5610	1.58	63.1
2455	0.34	49.45	5310	1.2	66.53	5620	0.96	58.88
2460	0.82	49.9	5320	0.86	61.94	5630	0.67	50.93
2465	0.85	47.76	5330	1.27	65.01	5640	0.79	54.83
2470	0.81	53.75	5340	0.98	63.97	5650	1.1	54.83
2475	0.33	55.5	5350	0.96	59.84	5660	0.92	53.58
2480	0.53	50.36	5360	1.11	62.09	5670	0.96	51.05
2485	0.65	51.4	5370	1.48	63.68	5680	1.5	58.34
2490	0.08	52.46	5380	1.12	63.1	5690	1.01	48.98
2495	0.83	53.35	5390	0.86	56.36	5700	1.17	50.7
2500	0.47	53.55	5400	1.24	62.95	5710	1.49	52.12
			5410	1.03	57.68	5720	1.14	60.12
			5420	0.49	53.95	5730	1.02	55.46
			5430	0.77	55.21	5740	1.41	60.12
			5440	1.27	60.53	5750	1.83	68.08
			5450	0.84	52.48	5760	1.62	62.66
			5460	0.86	55.72	5770	1.38	60.12
			5470	1.1	54.7	5780	1.88	66.83
			5480	1.53	59.43	5790	1.95	68.71
			5490	0.7	48.31	5800	1.7	65.31
			5500	1	56.1			

