

DP100F IMT Antenna Datasheet

Antenna Datasheet

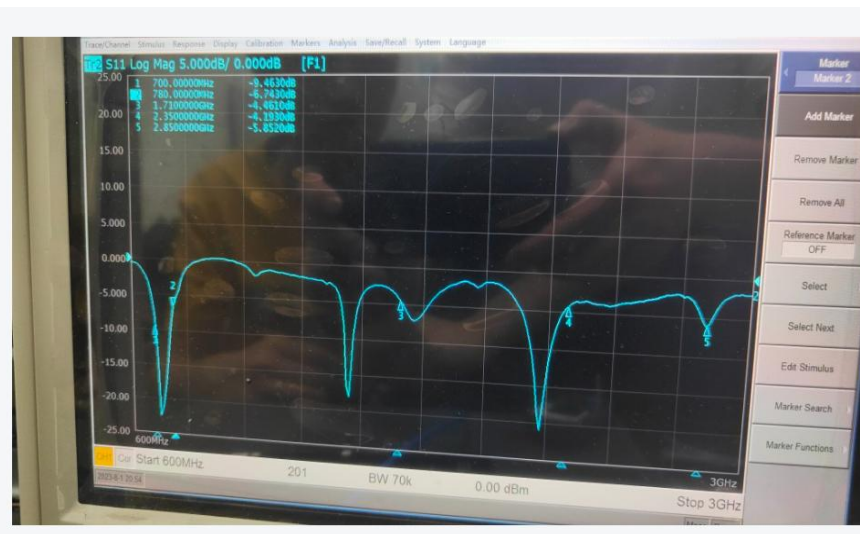
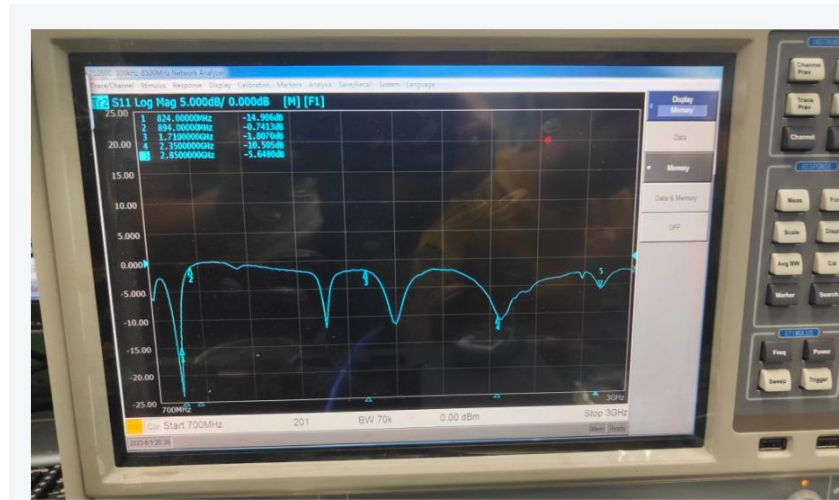
1、 Basic Information

- Antenna Name: DP100F IMT ANT
- Brand: AVINOX
- Operation: 0.69~0.96GHz(LB)
1.71~2.17GHz(MB)
- Frequency: 2.3~2.4GHz(HB)
2.5~2.69GHz(HB)
- Connector Type: /
- Impedance: 50ohm
- Gain: Ant-L MAX Gain:
-4.9dBi@LB,-1.8dBi@MB,-1dBi@HB
- Efficiency: $\geq 5\%$ MHB
- VSWR: ≤ 3
- Polarization type: Linear
- 3dB Beam width: Omnidirectional horizon
- Antenna type: LDS

2、 Antenna Return Loss/VSWR

2.1 Antenna return loss

Antenna:



3、 Antenna Gain

Antenna:



Operation Band	Ant. Gain (dBi)
LTE Band2	-7.11
LTE Band4	-7.78
LTE Band5	-7.66
LTE Band7	-1.51
LTE Band12	-4.72
LTE Band13	-5
LTE Band25	-6.02
LTE Band26	-6.51
LTE Band38	-2.03
LTE Band41	-0.43
LTE Band66	-7.89

去指標				8.2nh				22nh			
00%	1	2	3	4	5	6	7	8	9	10	11
	700	-16.97	-11.07	2.01				700	-12.15	-6.35	6.1
	710	-15.91	-10.17	2.56				710	-11	-5.38	7.93
	720	-14.04	-9.27	3.95				720	-10.17	-4.72	9.61
	730	-12.91	-7.28	5.12				730	-10	-4.6	10
	740	-11.82	-5.76	6.58				740	-9.89	-4.72	10.25
	750	-11.15	-6.35	7.67				750	-9.82	-4.63	10.43
	760	-11.42	-5.96	7.21				760	-10.2	-5.27	9.85
	770	-11.71	-5.46	6.74				770	-10.18	-5	9.6
	780	-12.15	-7.77	6.09				780	-10.33	-5.46	9.25
	790	-12.7	-8.25	5.37				790	-10.35	-5.66	9.23
	800	-13.75	-8.79	4.22				800	-10.49	-5.73	8.92
	810	-13.64	-8.74	4.33				810	-10.81	-6.51	8.3
	820	-14.44	-8.82	3.6				820	-11.63	-6.8	6.87
	830	-15.05	-9.73	3.13				830	-12.23	-6.51	5.99
	840	-15.28	-10.25	2.96				840	-12.67	-7.52	5.4
	850	-15.35	-10.07	2.92				850	-13.18	-8.06	4.81
	860	-14.81	-9.37	3.3				860	-13.88	-8.63	4.1
	870	-14.24	-7.47	3.77				870	-14.05	-8.79	3.94
	880	-13.53	-6.93	4.14				880	-14.67	-9.14	3.41
	890	-13.63	-6.51	4.33				890	-14.87	-9.35	3.26
	900	-12.68	-6.05	5.39				900	-15.1	-9.5	3.09
	910	-12.51	-5.25	5.61				910	-14.44	-8.41	3.6
	920	-11.99	-5	6.32				920	-14.08	-8.13	3.91
	930	-12.64	-6.28	5.45				930	-14.82	-8.82	3.53
	940	-13.74	-6.71	4.22				940	-14.88	-9.96	3.25
	950	-14.25	-6.65	3.76				950	-15.66	-10.38	2.71
	960	-15.1	-6.61	3.09				960	-15.94	-9.96	2.6
	1700	-28.3	-21.72	0.15				1700	-26.32	-22.87	0.22
	1710	-27.34	-21.38	0.18				1710	-27.26	-23.18	0.19
	1720	-27.06	-20.98	0.2				1720	-27.59	-23.44	0.16
	1730	-26.19	-20.23	0.24				1730	-28.31	-23.39	0.15
	1740	-25.36	-19.8	0.29				1740	-28.8	-23.62	0.13
	1750	-24.28	-19.24	0.37				1750	-29.23	-23.73	0.12
	1760	-22.72	-17.67	0.53				1760	-29.5	-24.04	0.11
	1770	-21.91	-16.51	0.64				1770	-29.96	-24.4	0.1
	1780	-20.35	-15.13	0.92				1780	-30.07	-24.25	0.1
	1790	-19.24	-13.3	1.19				1790	-30.2	-24.53	0.1
	1800	-18.32	-11.88	1.47				1800	-30.11	-25.02	0.1
	1810	-17.68	-11.5	1.71				1810	-29.81	-24.82	0.1
	1820	-18.53	-11.94	1.4				1820	-29.61	-24.49	0.11
	1830	-18.76	-12.26	1.33				1830	-29.32	-24.27	0.12
	1840	-19.08	-12.32	1.24				1840	-29.23	-23.98	0.12
	1850	-18.74	-12.26	1.34				1850	-29.2	-23.81	0.12
	1860	-18.12	-11.8	1.54				1860	-29.27	-23.2	0.12
	1870	-17.69	-10.86	1.7				1870	-29.82	-23.62	0.11
	1880	-17.2	-10.14	1.91				1880	-29.76	-23.23	0.11
	1890	-16.3	-8.37	2.34				1890	-29.89	-23.2	0.1
	1900	-15.74	-8.28	2.67				1900	-29.42	-22.23	0.11
	1910	-14.5	-7.11	3.54				1910	-28.8	-21.54	0.13
	1920	-13.58	-6.02	4.41				1920	-28.17	-21.69	0.15
	1930	-12.69	-5.13	5.28				1930	-27.13	-20.07	0.19
	1940	-11.95	-4.64	6.38				1940	-26.3	-19.46	0.23
	1950	-11.11	-4.86	7.73				1950	-25.21	-17.19	0.3
	1960	-11.37	-4.52	8.97				1960	-24.22	-16.19	0.38
	1970	-11.48	-4.64	7.12				1970	-23.37	-15.67	0.46
	1980	-11.81	-4.69	6.44				1980	-22.11	-14.16	0.62
	1990	-12.09	-4.53	6.19				1990	-21.1	-13.61	0.78
	2000	-12.24	-5.1	5.98				2000	-19.72	-11.19	1.07
	2010	-11.38	-1.02	7.28				2010	-18.66	-10.14	1.36
	2020	-11.99	-5.77	6.33				2020	-17.78	-9.3	1.67
	2030	-12.1	-5.76	6.17				2030	-16.81	-8.64	2.08
	2040	-12.1	-4.22	6.17				2040	-16.15	-9.13	2.43
	2050	-12.64	-5.58	5.44				2050	-15.25	-7.5	2.99
	2060	-12.2	-5.3	6.03				2060	-14.35	-6.65	3.67
	2070	-11.71	-5.82	6.74				2070	-13.32	-5.79	4.66
	2080	-11.72	-5.67	6.73				2080	-12.44	-5.26	5.7
	2090	-11.7	-2.77	6.76				2090	-11.39	-5.16	7.26
	2100	-11.69	-3.13	6.78				2100	-10.19	-3.12	9.57
	2110	-11.25	-1.48	7.5				2110	-9.11	-2.09	12.26
	2120	-11.03	-1.26	7.88				2120	-8.13	-0.77	15.39
	2130	-10.92	-3.9	8.09				2130	-7.47	0.04	17.89
	2140	-9.99	-0.93	10.03				2140	-7.12	0.06	19.42
	2150	-9.71	-1.32	10.7				2150	-6.79	0.77	20.96
	2160	-9.04	0.31	12.46				2160	-6.63	1.34	21.72
	2170	-8.66	0.4	13.63				2170	-6.57	1.63	22.05
	2180	-9.01	-1.87	12.96				2180	-6.62	1.56	21.77
	2190	-8.55	-0.75	13.95				2190	-6.63	0.95	21.73
	2200	-8.56	-1.29	13.92				2200	-6.66	0.61	21.56
	2210	-8.06	0.61	15.65				2210	-6.67	0.3	21.55
	2220	-8.29	0.58	14.83				2220	-6.79	0.08	20.93
	2230	-8.65	0.13	13.66				2230	-7	-0.15	19.95
	2240	-9.01	-2.02	12.57				2240	-7.38	-0.53	18.27
	2250	-9.43	-2.17	11.41				2250	-7.74	-0.95	16.84
	2260	-9.7	-2.85	10.72				2260	-8.15	-1.43	15.31
	2270	-9.92	-2.54	10.18				2270	-8.46	-1.86	14.27
	2280	-10.33	-3.59	9.27				2280	-8.75	-2.28	13.32
	2290	-10.71	-4.77	8.49				2290	-8.89	-2.59	12.91
	2300	-10.73	-4.77	8.45				2300	-8.95	-2.77	12.75
	2310	-10.82	-5.1	8.28				2310	-9	-2.95	12.58
	2320	-10.74	-5.16	8.43				2320	-8.83	-2.84	13.1
	2330	-10.64	-5.18	8.62				2330	-8.61	-2.74	13.77
	2340	-10.56	-4.95	8.79				2340	-8.39	-1.93	14.48
	2350	-10.33	-4.57	9.27				2350	-8.32	-1.59	14.74
	2360	-10.17	-5.13	9.61				2360	-8.51	-1.17	14.08
	2370	-10.19	-4.31	9.57				2370	-8.69	-1.88	13.82
	2380	-10.31	-3.92	9.31				2380	-8.65	-1.36	13.02
	2390	-10.49	-3.96	8.93				2390	-9.55	-2	11.1
	2400	-10.6	-3.79	8.7				2400	-9.81	-2.09	10.45
	2410	-10.61	-4.08	8.69				2410	-10.23	-2.81	9.48
	2420	-10.64	-4.64	8.62				2420	-10.08	-2.45	9.82
	2430	-10.31	-3.82	9.76				2430	-10	-2.71	10
	2440	-10.11	-3.78	9.78				2440	-10.11	-3.37	9.75
	2450	-9.8	-3.73	10.47				2450	-9.94	-2.58	10.13
	2460	-9.36	-2.95	11.58				2460	-9.32	-1.61	11.7
	2470	-9.24	-3.01	11.91				2470	-9.59	-2.36	10.99
	2480	-8.71	-3.49	13.46				2480	-9.05	-1.29	12.46

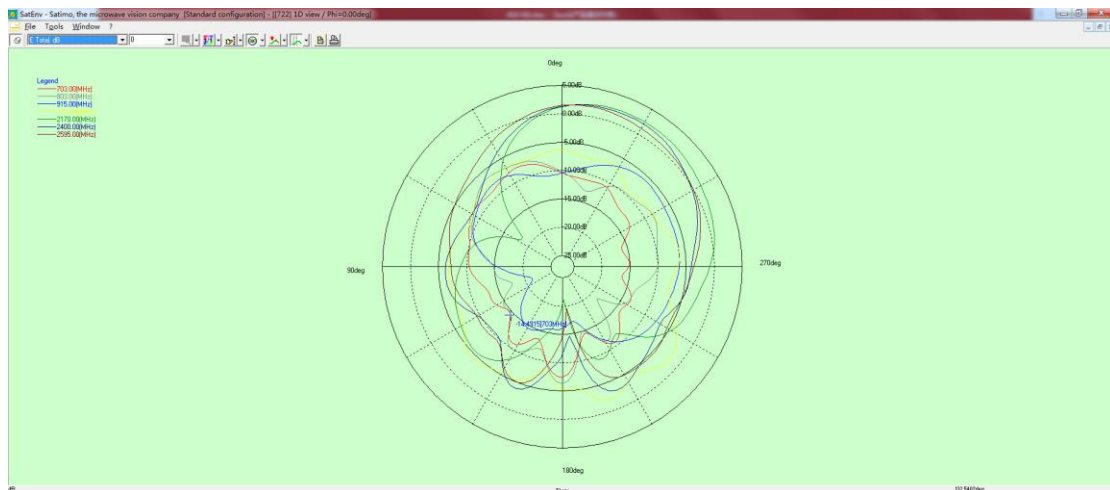
53	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
53		50	1920	-13.56	-6.02	4.41		50	1920	-24.86	-18.99	0.33		50	1920	-28.17	-21.69	0.15
54	B1	51	1930	-12.69	-5.13	5.38		51	1930	-24.61	-19.16	0.35		51	1930	-27.13	-20.07	0.19
55		52	1940	-11.95	-4.84	6.38		52	1940	-24.2	-17.6	0.38		52	1940	-26.3	-19.46	0.23
56		53	1950	-11.11	-4.86	7.73		53	1950	-23.58	-19.16	0.44		53	1950	-25.21	-17.19	0.3
57		54	1960	-11.37	-4.52	8.97		54	1960	-23.09	-17.9	0.49		54	1960	-24.22	-16.19	0.38
58		55	1970	-11.48	-4.64	7.12		55	1970	-22.54	-16.65	0.56		55	1970	-23.37	-15.67	0.46
59		56	1980	-11.81	-4.69	6.44		56	1980	-22.25	-15.05	0.6		56	1980	-22.11	-14.16	0.62
60		57	1990	-12.09	-4.83	6.19		57	1990	-21.92	-13.73	0.64		57	1990	-21.1	-13.61	0.78
61		58	2000	-12.24	-5.1	5.98		58	2000	-21.24	-12.19	0.75		58	2000	-19.72	-11.19	1.07
62		59	2010	-11.38	-1.02	7.28		59	2010	-20.41	-10.97	0.91		59	2010	-18.66	-10.14	1.36
63		60	2020	-11.99	-5.77	6.33		60	2020	-19.46	-9.83	1.13		60	2020	-17.78	-9.3	1.67
64		61	2030	-12.1	-5.76	6.17		61	2030	-18.98	-8.86	1.26		61	2030	-16.81	-8.64	2.08
65		62	2040	-12.1	-4.22	6.17		62	2040	-18.35	-8.81	1.46		62	2040	-16.15	-9.13	2.43
66		63	2050	-12.64	-5.58	5.44		63	2050	-18	-10.79	1.58		63	2050	-15.25	-7.5	2.99
67		64	2060	-12.2	-3.2	6.03		64	2060	-17.4	-9.65	1.52		64	2060	-14.5	-6.63	3.67
68		65	2070	-11.71	-5.82	6.74		65	2070	-16.9	-9.97	2.09		65	2070	-13.32	-5.79	4.66
69		66	2080	-11.72	-5.67	6.73		66	2080	-15.87	-8.9	2.59		66	2080	-12.44	-5.28	5.7
70		67	2090	-11.7	-2.77	6.76		67	2090	-15.78	-7.89	2.64		67	2090	-11.39	-5.16	7.26
71		68	2100	-11.69	-3.13	6.78		68	2100	-15.77	-8.47	2.65		68	2100	-10.19	-3.12	9.57
72		69	2110	-11.25	-1.48	7.5		69	2110	-14.5	-6.21	3.35		69	2110	-9.11	-2.09	12.26
73		70	2120	-11.03	-1.26	7.88		70	2120	-14.22	-5.65	3.79		70	2120	-8.13	-0.77	15.39
74		71	2130	-10.92	-3.9	8.09		71	2130	-13.03	-3.17	4.97		71	2130	-7.47	0.04	17.99
75		72	2140	-9.99	-0.93	10.03		72	2140	-12.63	-3.59	5.46		72	2140	-6.12	0.06	19.42
76		73	2150	-9.71	-1.1	8.74		73	2150	-11.8	-3.74	6.61		73	2150	-5.17	-0.79	20.69
77		74	2160	-9.04	0.31	12.46		74	2160	-10.83	-3.17	8.27		74	2160	-6.63	3.34	21.72
78		75	2170	-8.66	0.4	13.63		75	2170	-10.02	-1.79	9.96		75	2170	-6.57	1.63	22.05
79		76	2180	-9.01	-1.87	12.95		76	2180	-10.15	-2.21	13.66		76	2180	-6.62	1.56	21.77
80		77	2190	-8.55	-0.75	13.56		77	2190	-8.77	-0.11	9.27		77	2190	-6.63	0.95	21.73
81		78	2200	-8.56	-1.29	13.92		78	2200	-8.23	0.75	15.02		78	2200	-6.66	0.61	21.56
82		79	2210	-8.06	0.61	15.65		79	2210	-7.89	0.08	16.24		79	2210	-6.67	0.3	21.55
83		80	2220	-8.29	0.98	14.83		80	2220	-7.51	0.42	17.75		80	2220	-6.79	0.08	20.93
84		81	2230	-8.65	0.13	13.66		81	2230	-7.09	0.88	19.56		81	2230	-7	-0.15	19.95
85		82	2240	-9.01	0.1	15.71		82	2240	-7.32	0.96	21.32		82	2240	-6.78	0.38	21.27
86		83	2250	-9.43	-2.17	11.41		83	2250	-7.37	0.79	18.94		83	2250	-7.74	-0.98	16.94
87		84	2260	-9.7	-2.85	10.72		84	2260	-7.54	0.63	17.64		84	2260	-8.15	-1.43	15.31
88		85	2270	-9.92	-2.54	10.18		85	2270	-7.78	0.18	16.69		85	2270	-8.46	-1.86	14.27
89		86	2280	-10.33	-3.59	9.27		86	2280	-8.15	-0.33	15.32		86	2280	-8.75	-2.28	13.32
90		87	2290	-10.71	-4.77	8.49		87	2290	-8.75	-1.09	13.34		87	2290	-8.89	-2.59	12.91
91		88	2300	-10.73	-4.77	8.45		88	2300	-9.37	-1.9	11.55		88	2300	-8.95	-2.77	12.75
92		89	2310	-10.82	-5.1	8.28		89	2310	-10.04	-2.61	9.91		89	2310	-9	-2.95	12.58
93		90	2320	-10.74	-5.16	8.43		90	2320	-10.45	-3.11	9.01		90	2320	-8.83	-2.84	13.1
94		91	2330	-10.64	-5.8	8.62		91	2330	-10.47	-3.64	8.96		91	2330	-8.6	-2.74	13.71
95		92	2340	-10.56	-4.95	7.9		92	2340	-10.38	-4.84	9.15		92	2340	-8.59	-2.93	14.48
96		93	2350	-10.33	-4.87	9.27		93	2350	-10.12	-3.2	7.93		93	2350	-8.32	-1.59	14.74
97		94	2360	-10.17	-5.13	9.61		94	2360	-9.93	-2.73	10.16		94	2360	-8.51	-2.17	14.08
98		95	2370	-10.19	-4.31	9.57		95	2370	-9.81	-2.12	10.44		95	2370	-8.69	-1.88	13.82
99		96	2380	-10.31	-3.92	9.31		96	2380	-9.86	-1.69	10.32		96	2380	-8.85	-1.36	13.03
00		97	2390	-10.49	-3.96	8.93		97	2390	-10.45	-2.41	9.01		97	2390	-9.55	-2	11.1
01		98	2400	-10.6	-3.79	8.7		98	2400	-10.58	-2.36	8.75		98	2400	-9.81	-2.09	10.45
02		99	2410	-10.61	-4.08	8.69		99	2410	-10.93	-3	8.07		99	2410	-10.23	-2.81	9.48
03		100	2420	-10.64	-4.64	8.62		100	2420	-10.92	-2.96	8.09		100	2420	-10.08	-2.45	9.82
04		101	2430	-10.31	-5.31	7.7		101	2430	-11.13	-3.71	7.02		101	2430	-10.1	-3.7	9.74
05		102	2440	-10.11	-3.78	9.76		102	2440	-11.54	-4.28	7.02		102	2440	-10.11	-3.7	9.75
06		103	2450	-9.8	-3.73	10.47		103	2450	-10.9	-3.39	8.12		103	2450	-9.94	-2.58	10.13
07		104	2460	-9.36	-2.93	11.58		104	2460	-10.31	-2.25	9.31		104	2460	-9.32	-1.61	11.7
08		105	2470	-9.24	-3.01	11.91		105	2470	-10.09	-3.44	8.15		105	2470	-9.59	-2.36	10.99
09		106	2480	-8.71	-3.49	13.46		106	2480	-10.04	-2.43	9.92		106	2480	-9.05	-1.29	12.46

		74	2160	-9.04	0.31	12.46		74	2160	-10.83	-3.17	8.27		74	2160	-6.63	1.34	21.72
		75	2170	-8.66	0.4	13.63		75	2170	-10.02	-1.79	9.96		75	2170	-6.57	1.63	22.05
		76	2180	-9.01	-1.87	12.56		76	2180	-10.15	-2.11	9.66		76	2180	-6.62	1.96	21.77
		77	2190	-8.55	-0.75	13.95		77	2190	-8.77	-0.21	13.27		77	2190	-6.63	0.95	21.73
		78	2200	-8.56	-1.29	13.92		78	2200	-8.23	0.75	15.02		78	2200	-6.66	0.61	21.56
		79	2210	-8.06	0.61	15.65		79	2210	-7.89	0.08	16.24		79	2210	-6.67	0.3	21.55
		80	2220	-8.29	0.58	14.83		80	2220	-7.51	0.42	17.75		80	2220	-6.79	0.08	20.93
		81	2230	-8.65	0.13	13.66		81	2230	-7.09	0.88	19.56		81	2230	-7	-0.15	19.95
		82	2240	-9.01	-2.02	12.57		82	2240	-7.32	0.96	18.32		82	2240	-7.38	-0.53	18.27
		83	2250	-9.43	-2.17	11.41		83	2250	-7.37	0.79	18.34		83	2250	-7.74	-0.98	16.84
		84	2260	-9.7	-2.85	10.72		84	2260	-7.54	0.63	17.64		84	2260	-8.15	-1.43	15.31
		85	2270	-9.92	-2.54	10.18		85	2270	-7.78	0.18	16.69		85	2270	-8.46	-1.86	14.27
		86	2280	-10.33	-3.59	9.27		86	2280	-8.15	-0.33	15.32		86	2280	-8.75	-2.28	13.32
		87	2290	-10.71	-4.77	8.49		87	2290	-8.75	-1.09	13.34		87	2290	-8.89	-2.59	12.91
		88	2300	-10.73	-4.77	8.45		88	2300	-9.37	-1.9	11.55		88	2300	-8.95	-2.77	12.75
		89	2310	-10.82	-5.1	8.28		89	2310	-10.04	-2.61	9.91		89	2310	-9	-2.95	12.58
		90	2320	-10.74	-5.16	8.43		90	2320	-10.45	-3.11	9.01		90	2320	-8.83	-2.84	13.1
		91	2330	-10.64	-5.18	8.62		91	2330	-10.47	-3.64	8.98		91	2330	-8.61	-2.74	13.77
		92	2340	-10.56	-4.95	8.79		92	2340	-10.38	-3.64	9.15		92	2340	-8.39	-1.93	14.48
		93	2350	-10.33	-4.57	9.27		93	2350	-10.12	-3.2	9.73		93	2350	-8.32	-1.59	14.74
		94	2360	-10.17	-5.13	9.61		94	2360	-9.93	-2.73	10.16		94	2360	-8.51	-2.17	14.08
		95	2370	-10.19	-4.31	9.57		95	2370	-9.81	-2.12	10.44		95	2370	-8.69	-1.88	13.52
		96	2380	-10.31	-3.92	9.31		96	2380	-9.86	-1.69	10.32		96	2380	-8.85	-1.36	13.03
		97	2390	-10.49	-3.96	8.93		97	2390	-10.45	-2.41	9.01		97	2390	-9.55	-2	11.1
		98	2400	-10.6	-3.79	8.7		98	2400	-10.58	-2.56	8.75		98	2400	-9.81	-2.09	10.45
		99	2410	-10.61	-4.08	8.69		99	2410	-10.93	-3	8.07		99	2410	-10.23	-2.81	9.48
		100	2420	-10.64	-4.64	8.62		100	2420	-10.92	-2.96	8.09		100	2420	-10.08	-2.45	9.82
		101	2430	-10.31	-3.82	9.31		101	2430	-11.13	-3.4	7.7		101	2430	-10	-2.71	10
		102	2440	-10.11	-3.78	9.76		102	2440	-11.54	-4.28	7.02		102	2440	-10.11	-3.37	9.75
		103	2450	-9.8	-3.73	10.47		103	2450	-10.9	-3.39	8.12		103	2450	-9.94	-2.58	10.13
		104	2460	-9.36	-2.93	11.35		104	2460	-10.31	-2.25	9.31		104	2460	-9.32	-1.61	11.7
		105	2470	-9.24	-3.01	11.91		105	2470	-10.89	-3.44	8.15		105	2470	-9.59	-2.36	10.99
		106	2480	-8.71	-3.49	13.45		106	2480	-10.04	-2.43	9.92		106	2480	-9.05	-1.29	12.46
		107	2490	-8.55	-3.09	13.97		107	2490	-9.86	-1.87	10.33		107	2490	-9.1	-1.43	12.31
		108	2500	-8.18	-1.9	15.22		108	2500	-8.94	-0.73	12.75		108	2500	-7.84	0.02	16.45
		109	2510	-7.9	-1.51	16.23		109	2510	-10.35	-2.13	9.23		109	2510	-8.38	-1.1	14.51
		110	2520	-8.2	-1.66	15.14		110	2520	-10.97	-4.1	7.99		110	2520	-9.92	-3.47	10.18
		111	2530	-8.14	-1.92	15.34		111	2530	-10.72	-4.35	8.47		111	2530	-10.56	-4.45	8.78
		112	2540	-8.56	-2.18	13.94		112	2540	-10.48	-3.39	8.96		112	2540	-10.67	-4.35	8.57
		113	2550	-8.66	-2.37	13.62		113	2550	-10.29	-3.19	9.35		113	2550	-10.57	-4.11	8.76
		114	2560	-8.9	-2.54	12.88		114	2560	-10.18	-2.41	9.6		114	2560	-10.52	-3.97	8.88
		115	2570	-9.23	-2.44	11.95		115	2570	-10.15	-3.2	9.66		115	2570	-10.41	-3.82	9.1
		116	2580	-9.09	-2.46	12.32		116	2580	-10	-2.95	9.99		116	2580	-10.24	-3.58	9.47
		117	2590	-9.42	-2.16	11.44		117	2590	-10.04	-2.55	9.92		117	2590	-10.2	-3.51	9.56
		118	2600	-9.41	-2.15	11.46		118	2600	-10.05	-2.69	9.51		118	2600	-10.13	-3.45	9.71
		119	2610	-9.25	-3.03	11.89		119	2610	-10.08	-2.79	9.81		119	2610	-9.99	-3.34	10.02
		120	2620	-9.35	-2.06	11.62		120	2620	-10.2	-3.1	9.56		120	2620	-10.02	-3.29	9.96
		121	2630	-8.93	-1.83	12.8		121	2630	-10.26	-2.15	9.41		121	2630	-9.85	-2.98	10.35
		122	2640	-8.7	-1.91	13.48		122	2640	-10.36	-2.44	9.2		122	2640	-9.68	-2.66	10.76
		123	2650	-8.39	-1.52	14.48		123	2650	-10.43	-1.96	9.06		123	2650	-9.52	-2.36	11.17
		124	2660	-8.02	-0.97	15.79		124	2660	-10.52	-1.98	8.88		124	2660	-9.38	-2.14	11.52
		125	2670	-7.82	-0.77	16.51		125	2670	-10.65	-2.3	8.62		125	2670	-9.38	-2.09	11.53
		126	2680	-7.68	-0.53	17.05		126	2680	-10.92	-2.77	8.08		126	2680	-9.5	-2.19	11.21
		127	2690	-7.8	-0.43	16.39		127	2690	-11.35	-3.11	7.33		127	2690	-9.79	-2.48	10.49
		128	2700	-7.83	-0.4	16.47		128	2700	-11.66	-3.55	6.83		128	2700	-10.12	-2.79	9.74

4、 Radiation Pattern

4.1 Antenna radiation pattern

Antenna:



6、 Structure drawing

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