



ONE PLUS ONE
Wireless Communication

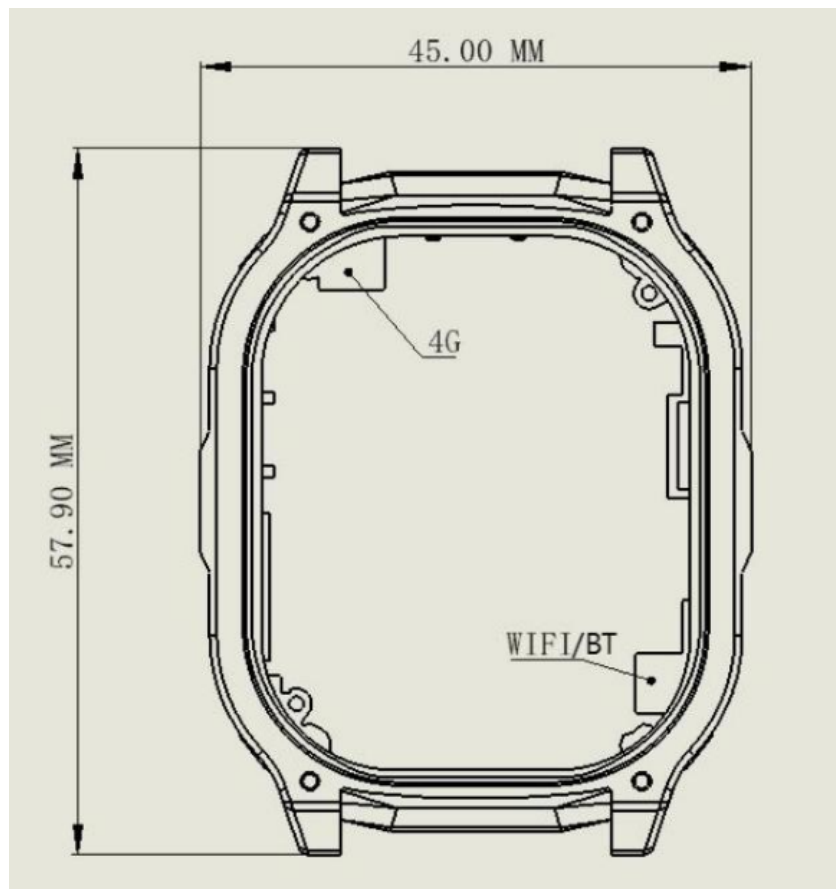
产品规格书 Product Specification

项目名称 Project Name: B25
规格描述 Product Spec: 4G Main Antenna/WIFI Antenna
版本 REV: V1.0
日期 Date: 2024.5.21



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天线图片 Antenna Photo





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天线材质 Antenna Material: 金属中框 Metal middle frame



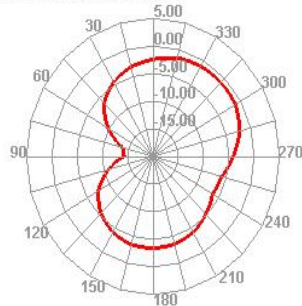
WiFi passive test data

Passive Test For 2.4GHz	Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
	Effi(%)	52.41	60.31	56.13	57.45	53.05	54.04	52.66	55.24	61.07	60.08	50.58
	Gain(dBi)	2.24	2.34	2.22	2.43	2.17	2.24	2.10	2.18	2.43	2.28	1.60

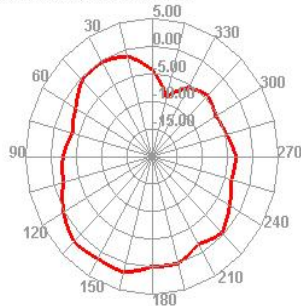


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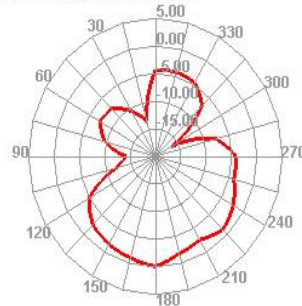
2400.000MHz H



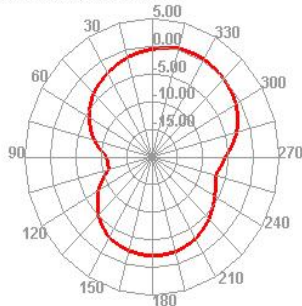
2400.000MHz E1



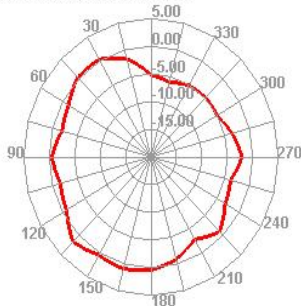
2400.000MHz E2



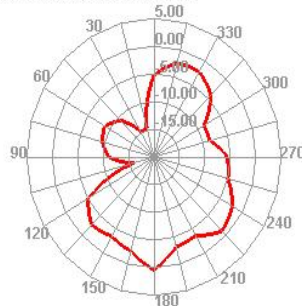
2450.000MHz H



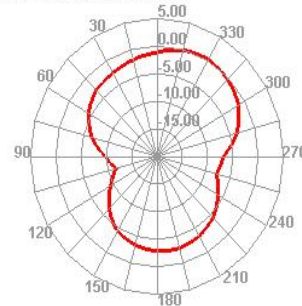
2450.000MHz E1



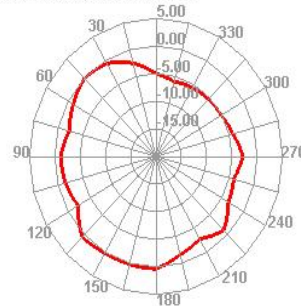
2450.000MHz E2



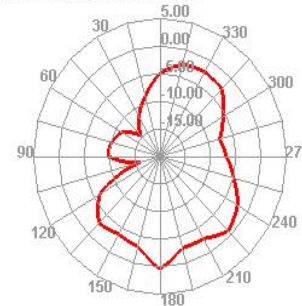
2500.000MHz H



2500.000MHz E1



2500.000MHz E2





Passive test data

4G

Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)	(MHz)	(%)	(dB)	(dBi)
820	22.11	-6.55	-1.85	1800	31.39	-5.03	1.83
830	23.08	-6.37	-1.87	1810	34.71	-4.6	2.02
840	25.73	-5.90	-1.84	1820	35.43	-4.51	1.63
850	27.4	-5.62	-2.38	1830	39.39	-4.05	2.15
860	26.05	-5.84	-1.93	1840	39.86	-3.99	2.46
870	25.84	-5.88	-1.97	1850	45.95	-3.38	2.53
880	25.25	-5.98	-2.11	1860	45.88	-3.38	2
890	24.43	-6.12	-1.89	1870	46.75	-3.3	1.14
900	23.21	-6.34	-2.03	1880	46.65	-3.31	1.3
910	25.12	-6.00	-2.13	1890	47.34	-3.25	1.55
920	26.49	-5.77	-1.86	1900	47.04	-3.27	1.6
930	25.08	-6.01	-1.41	1910	45.43	-3.43	1.31
940	23.04	-6.38	-2.34	1920	45.07	-3.46	1.39
950	22.43	-6.45	-2.54	1930	42.82	-3.68	1.2
960	19.94	-7.00	-2.41	1940	41.58	-3.81	0.83
1710	35.63	-4.48	-1.17	1950	39.16	-4.07	0.74
1720	33.53	-4.75	1.49	1960	38.34	-4.16	0.59
1730	41.45	-3.82	1.74	1970	37.71	-4.23	0.49
1740	38.84	-4.11	1.68	1980	40.53	-3.92	0.92
1750	39.16	-4.07	1.94	1990	43.1	-3.66	1.06
1760	44.45	-3.52	2.44	2000	42.54	-3.71	1.18
1770	39.1	-4.08	1.86	2010	43.17	-3.65	1.24
1780	33.61	-4.74	1.69	2020	42.79	-3.69	1.17



Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)	(MHz)	(%)	(dB)	(dBi)
2030	42.13	-3.75	1.09	2370	32.62	-4.87	-0.96
2040	41.38	-3.83	0.95	2380	31.07	-5.08	-0.37
2050	40.4	-3.94	1.02	2390	35.57	-4.49	-1.05
2060	36.84	-4.34	0.73	2400	34.3	-4.65	-0.93
2070	36.79	-4.34	0.82	2410	30.89	-5.1	-2.94
2080	34.71	-4.6	0.88	2420	30.42	-5.17	-1.77
2090	38.82	-4.11	1.49	2430	34.26	-4.65	0.29
2100	36.81	-4.34	1.22	2440	31.83	-4.97	-1.19
2110	36.29	-4.4	1.22	2450	30.93	-5.1	-1.04
2120	34.28	-4.65	0.12	2460	34.48	-4.62	-0.42
2130	36.77	-4.35	1.17	2470	36.95	-4.32	2.25
2140	33.23	-4.78	-0.05	2480	34.99	-4.56	-0.32
2150	31.14	-5.07	0.79	2490	36.81	-4.34	-0.27
2160	33.66	-4.73	-0.28	2500	38.84	-4.11	-0.08
2170	34.98	-4.56	0.91	2510	38.92	-4.1	0.18
2180	35.61	-4.48	0.78	2520	37.43	-4.27	-0.37
2300	37.2	-4.29	0.45	2530	37.5	-4.26	-0.3
2310	33.13	-4.8	-0.09	2540	36.91	-4.33	-0.36
2320	30.61	-5.14	-0.53	2550	37.15	-4.3	-0.63
2330	35.54	-4.49	0.6	2560	41.16	-3.86	-0.37
2340	34.61	-4.61	-0.27	2570	38.37	-4.16	-0.83
2350	33.22	-4.79	-0.2	2580	41.79	-3.79	-0.86
2360	34.23	-4.66	-0.14	2590	34.63	-4.61	-1.29



Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2600	36.04	-4.43	-1.12
2610	32.94	-4.82	-1.49
2620	32.92	-4.83	-1.68
2630	30.7	-5.13	-1.56
2640	29.61	-5.29	-1.8
2650	32.98	-4.82	0.14
2660	30.46	-5.16	-1.49
2670	33.72	-4.72	0.98
2700	35.82	-4.46	-0.84