

Fbetter International (Hong Kong) Co., Limited

Address: Rooms 1516-1517, 15/F, Grand Capital Tower, No.
8 On Ping Street, Shek Mun, San Tin, Hong Kong



Notes for antenna installation



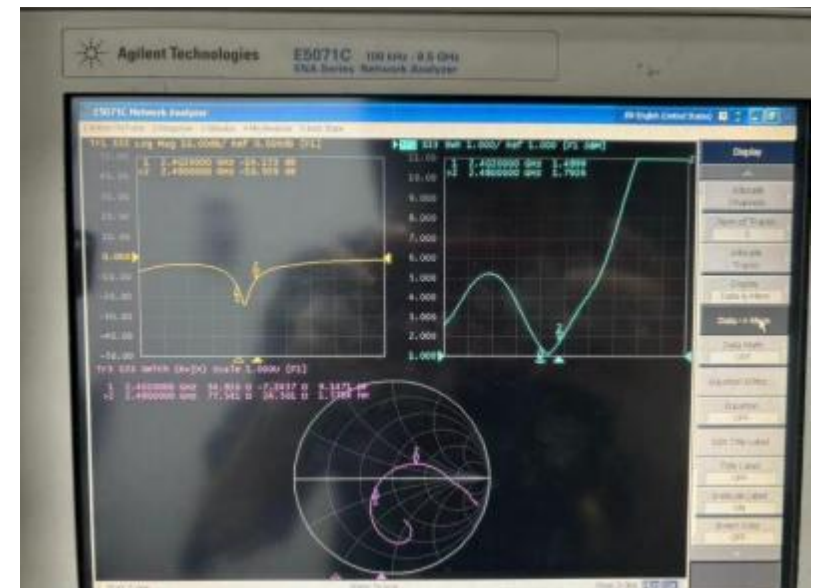
Notes for antenna installation

Electronic wire installation recommendations :

- 1: The electronic line length is in the 24.60mm.
- 2: The electronic wire is installed on the side of the horn.
- 3: The end of the electronic wire is fixed with adhesive paper to make the consistency of the batch production good.

Antenna Type: Internal Antenna

Antenna parameters



Freq	2.4GHz	2.5GHz	spce
VSWR	1.48	1.79	< 2
Log Mag	-14.15	-10.93	< -10

Antenna parameters

Frequency/Mhz	Efficiency / %	Gain/dBi
2400	4.2	-8.49
2410	4.21	-8.49
2420	4.33	-8.5
2430	4.38	-8.44
2440	4.4	-8.35
2450	4.66	-8.29
2460	4.8	-8.2
2470	5.01	-8.14
2480	4.7	-8.25
2490	4.65	-8.26
2500	4.29	-8.3

The measured distance on the roof of the building

Project	T11-N	Test date	2024.5.9	
Software release		Test location	The measured distance on the roof of the building	
Model	Measuring distance	Metal watchband	Non-metallic watchband	
IOS	Positive effective distance (≥15m)	18	17	
	Back effective distance (≥10m)	10	6	
Android	Positive effective distance (≥15m)	18	18	
	Back effective distance (≥10m)	9	9	



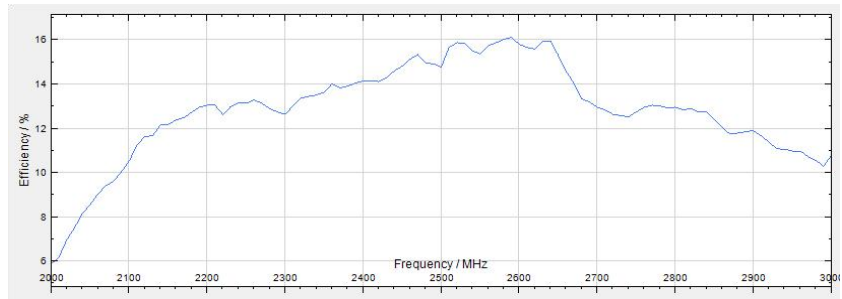
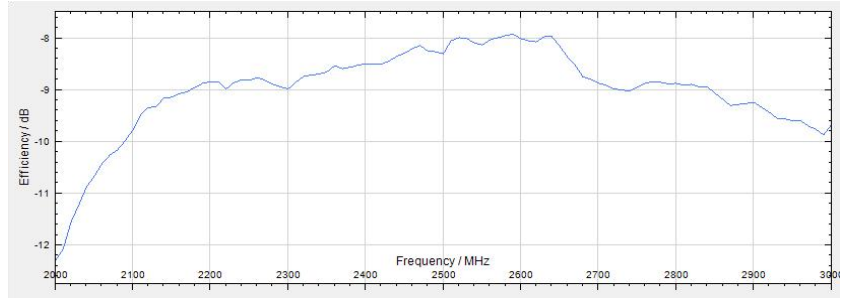
Thank You!

The Concepts National Income And National Product Have Roughly The Same Value And Can Be Used Interchangeably If Our Interest Is In Their



Frequency Efficiency Efficiency / %

2000	-12.3	5.89
2010	-12.08	6.19
2020	-11.56	6.98
2030	-11.23	7.53
2040	-10.88	8.17
2050	-10.67	8.57
2060	-10.43	9.06
2070	-10.26	9.42
2080	-10.16	9.64
2090	-9.98	10.05
2100	-9.77	10.54
2110	-9.48	11.27
2120	-9.34	11.64
2130	-9.32	11.69
2140	-9.15	12.16
2150	-9.14	12.19
2160	-9.07	12.39
2170	-9.03	12.5
2180	-8.95	12.74
2190	-8.87	12.97
2200	-8.84	13.06
2210	-8.84	13.06
2220	-8.98	12.65
2230	-8.86	13
2240	-8.8	13.18
2250	-8.81	13.15
2260	-8.76	13.3
2270	-8.81	13.15
2280	-8.89	12.91
2290	-8.94	12.76
2300	-8.98	12.65
2310	-8.85	13.03
2320	-8.74	13.37
2330	-8.71	13.46
2340	-8.69	13.52
2350	-8.65	13.65
2360	-8.53	14.03
2370	-8.59	13.84
2380	-8.56	13.93
2390	-8.52	14.06
2400	-8.49	14.16
2410	-8.49	14.16
2420	-8.5	14.13
2430	-8.44	14.32
2440	-8.35	14.62
2450	-8.29	14.83
2460	-8.2	15.14
2470	-8.14	15.35
2480	-8.25	14.96
2490	-8.26	14.93
2500	-8.3	14.79
2510	-8.05	15.67
2520	-7.99	15.89
2530	-8	15.85
2540	-8.09	15.52
2550	-8.13	15.38
2560	-8.03	15.74
2570	-7.99	15.89
2580	-7.95	16.03
2590	-7.92	16.14
2600	-8.01	15.81
2610	-8.05	15.67
2620	-8.07	15.6
2630	-7.97	15.96
2640	-7.97	15.96
2650	-8.15	15.31
2660	-8.36	14.59
2670	-8.52	14.06
2680	-8.75	13.34
2690	-8.79	13.21
2700	-8.87	12.97
2710	-8.91	12.85
2720	-8.98	12.65
2730	-9	12.59
2740	-9.02	12.53
2750	-8.94	12.76
2760	-8.87	12.97
2770	-8.84	13.06
2780	-8.85	13.03
2790	-8.88	12.94
2800	-8.87	12.97
2810	-8.91	12.85
2820	-8.89	12.91
2830	-8.94	12.76
2840	-8.94	12.76
2850	-9.06	12.42
2860	-9.18	12.08
2870	-9.3	11.75
2880	-9.28	11.8
2890	-9.26	11.86
2900	-9.24	11.91
2910	-9.33	11.67
2920	-9.43	11.4
2930	-9.55	11.09
2940	-9.56	11.07
2950	-9.59	10.99
2960	-9.59	10.99
2970	-9.69	10.74
2980	-9.76	10.57
2990	-9.87	10.3
3000	-9.67	10.79



Frequency MaxGain/d AvgGain/dBi

2000	-6.78	-12.3
2010	-6.64	-12.08
2020	-6.06	-11.56
2030	-5.73	-11.23
2040	-5.35	-10.88
2050	-4.87	-10.67
2060	-4.78	-10.43
2070	-4.53	-10.26
2080	-4.24	-10.16
2090	-3.87	-9.98
2100	-3.75	-9.77
2110	-3.4	-9.48
2120	-3.35	-9.34
2130	-3.17	-9.32
2140	-2.86	-9.15
2150	-2.85	-9.14
2160	-2.68	-9.07
2170	-2.68	-9.03
2180	-2.46	-8.95
2190	-2.42	-8.87
2200	-2.36	-8.84
2210	-2.41	-8.84
2220	-2.68	-8.98
2230	-2.81	-8.86
2240	-2.77	-8.8
2250	-2.63	-8.81
2260	-2.5	-8.76
2270	-2.44	-8.81
2280	-2.72	-8.89
2290	-2.82	-8.94
2300	-3.11	-8.98
2310	-2.88	-8.85
2320	-2.69	-8.74
2330	-2.13	-8.71
2340	-1.85	-8.69
2350	-1.67	-8.65
2360	-1.7	-8.53
2370	-2.01	-8.59
2380	-2.17	-8.56
2390	-2.24	-8.52
2400	-1.84	-8.49
2410	-1.62	-8.49
2420	-1.42	-8.5
2430	-1.3	-8.44
2440	-1.05	-8.35
2450	-0.86	-8.29
2460	-0.76	-8.2
2470	-0.82	-8.14
2480	-1.23	-8.25
2490	-1.39	-8.26
2500	-1.64	-8.3
2510	-1.41	-8.05
2520	-1.55	-7.99
2530	-1.63	-8
2540	-1.54	-8.09
2550	-1.45	-8.13
2560	-1.48	-8.03
2570	-1.48	-7.99
2580	-1.71	-7.95
2590	-2	-7.92
2600	-2.42	-8.01
2610	-2.63	-8.05
2620	-2.4	-8.07
2630	-1.9	-7.97
2640	-1.66	-7.97
2650	-1.59	-8.15
2660	-1.95	-8.36
2670	-2.12	-8.52
2680	-2.67	-8.75
2690	-2.96	-8.79
2700	-3.31	-8.87
2710	-3.46	-8.91
2720	-3.74	-8.98
2730	-3.95	-9
2740	-3.61	-9.02
2750	-3.36	-8.94
2760	-3.13	-8.87
2770	-2.84	-8.84
2780	-2.81	-8.85
2790	-2.62	-8.88
2800	-2.6	-8.87
2810	-2.73	-8.91
2820	-2.65	-8.89
2830	-2.55	-8.94
2840	-2.32	-8.94
2850	-2.33	-9.06
2860	-2.2	-9.18
2870	-2.24	-9.3
2880	-2.24	-9.28
2890	-2.35	-9.26
2900	-2.46	-9.24
2910	-2.41	-9.33
2920	-2.65	-9.43
2930	-2.91	-9.55
2940	-2.84	-9.56
2950	-2.68	-9.59
2960	-2.4	-9.59
2970	-2.69	-9.69
2980	-2.8	-9.76
2990	-2.88	-9.87
3000	-2.58	-9.67

