

Differences Statement

We, **SIMCom Wireless Solutions Limited** declare that our product has only undergone the following changes:

1. Software version number change: from SIM7672M5A to V1.9.05;
2. Add an external antenna. The differences are as described in the table below.

NO	Original	Now	Change Note
1			The appearance of the two antennas is different.
2	Brand:SPEED	Brand:All things connected	The brands of the two antennas are different.
3	Model name: MF25D	Model name:WWXL6012681	The models of the two antennas are different.
4	Assembly Method:Connected via SMA head	Assembly Method:Connected through IPEX socket	The assembly methods of the two types of antennas are different.
5			The gain and

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Peak Gain (dBi)
690	35%	-4.50	-0.48
700	36%	-4.38	0.22
710	38%	-4.25	0.95
720	40%	-3.95	1.57
730	44%	-3.54	1.25
740	48%	-3.16	1.28
750	48%	-3.14	1.20
760	57%	-2.48	1.34
770	62%	-2.06	1.90
780	65%	-1.90	2.23
790	63%	-1.98	2.18
800	64%	-1.97	2.02
810	59%	-2.29	1.40
820	57%	-2.45	0.91
830	55%	-2.57	0.64
840	55%	-2.62	0.62
850	54%	-2.69	0.47
860	53%	-2.73	0.33
870	53%	-2.77	0.26
880	51%	-2.90	0.03
890	50%	-3.02	-0.15
900	49%	-3.08	-0.25
910	46%	-3.36	-0.62
920	43%	-3.62	-0.88
930	41%	-3.85	-1.14
940	38%	-4.26	-1.71
950	35%	-4.50	-2.09
960	43%	-3.70	-2.34

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Peak Gain (dBi)
1710	54%	-2.66	2.80
1730	60%	-2.25	2.95
1750	69%	-1.63	3.12
1770	69%	-1.61	3.10
1790	56%	-2.51	2.67
1810	55%	-2.57	2.33
1830	66%	-1.69	2.12
1850	66%	-1.70	1.87
1870	69%	-1.62	1.85
1890	71%	-1.51	1.71
1910	73%	-1.36	1.63
1930	60%	-2.19	1.92
1950	67%	-1.77	2.02
1970	67%	-1.75	2.12
1990	65%	-1.90	2.17
2010	58%	-2.37	2.02
2030	53%	-2.77	1.79
2050	51%	-2.95	1.44
2070	62%	-2.11	1.25
2090	60%	-2.19	1.21
2110	55%	-2.57	0.87
2130	53%	-2.78	0.54
2150	57%	-2.48	1.14
2170	56%	-2.55	1.69
2190	49%	-3.08	1.83
2210	49%	-3.06	1.70
2230	57%	-2.48	2.04
2250	67%	-1.76	2.58

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Peak Gain (dBi)
2270	66%	-1.79	3.26
2290	65%	-1.84	3.63
2310	64%	-1.96	3.52
2330	57%	-2.48	3.32
2350	54%	-2.71	3.32
2370	56%	-2.48	3.47
2390	56%	-2.55	3.37
2410	55%	-2.60	3.36
2430	56%	-2.48	3.51
2450	62%	-2.06	3.62
2470	63%	-2.00	3.56
2490	58%	-2.39	3.20
2510	55%	-2.59	2.90
2530	48%	-3.23	2.55
2550	53%	-2.79	2.10
2570	53%	-2.76	1.64
2590	52%	-2.85	1.21
2610	52%	-2.80	1.15
2630	52%	-2.83	1.23
2650	51%	-2.89	1.25
2670	50%	-2.97	1.13
2690	50%	-3.03	1.13
2700	50%	-3.02	1.06

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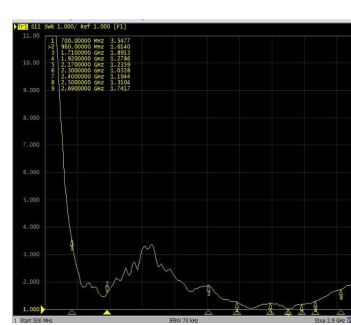
SWR:



Frequency (MHz)	SWR (dB)	Efficiency (%)	Frequency (MHz)	SWR (dB)	Efficiency (%)	Frequency (MHz)	SWR (dB)	Efficiency (%)
700	4.31	56.62	830	2.98	78.89	960	2.15	56.1
710	4.31	63.1	840	2.82	76.03	1700	4.89	67.61
720	3.69	62.86	850	2.81	73.49	1730	5.33	66.86
730	3.12	61.24	860	2.99	71.78	1750	4.28	67.76
740	3.66	66.22	870	2.76	71.45	1780	4.05	68.71
750	3.77	69.18	880	2.79	69.34	1820	4.09	69.5
760	4.16	72.61	890	2.86	65.77	1850	4.61	71.84
770	4.84	77.27	900	2.78	63.24	1880	3.51	74.82
780	4.85	80.35	910	2.87	62.23	1910	4.88	74.64
790	5.37	82.79	920	2.92	64.42	1950	2.15	56.1
800	2.98	77.27	930	3.07	64.71	1700	4.89	67.61
810	3.29	79.8	940	3.18	63.39	1730	5.33	66.86
820	2.93	81.1	950	2.41	59.98	1750	4.28	67.76
1790	4.05	68.71	2120	3.91	74.82	2450	3.85	80.17
1820	4.09	69.5	2150	3.97	73.11	2480	3.54	75.34
1850	4.61	71.84	2180	4.3	72.78	2510	3.95	77.88
1880	3.51	74.82	2210	3.99	70.96	2540	3.71	74.13
1910	4.88	74.64	2240	3.6	71.12	2570	3.71	76.03
1940	5.52	79.07	2270	3.53	72.78	2600	3.84	71.61
1970	4.69	76.91	2300	3.27	73.28	2630	3.57	74.13
2000	3.84	79.43	2330	3.56	77.27	2660	3.31	71.78
2030	3.99	74.13	2360	3.52	76.34	2690	3.39	70.47
2060	4.39	78.34	2390	3.67	79.8			
2090	4.01	76.21	2420	3.78	76.56			

efficiency of the two antennas are different.

SWR:



The SWR of the two antennas are different.

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Date: 2026/4/07