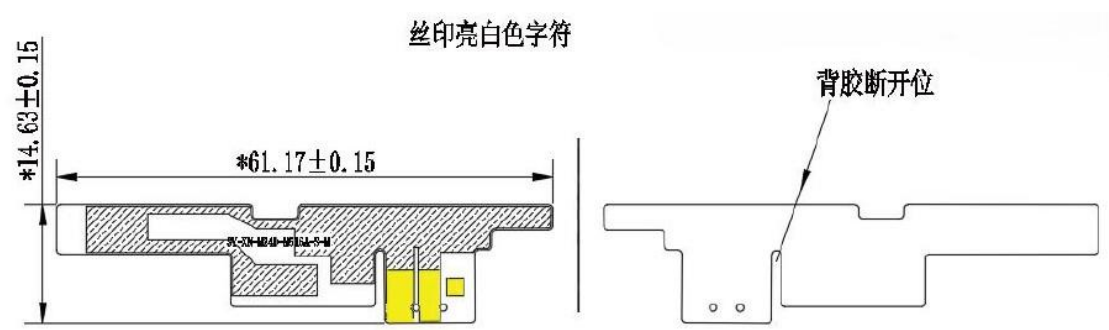


1. Antenna Description:

Antenna type	PIFA antenna
Model	M24D-M616A-S-M
Manufacturer	Signalinks Communication Technology Co.,Ltd

2. Antenna Photo:



3. Test data

Frequency/Mhz	Efficiency / dB	MaxGain/dBi	Efficiency / %
700	-9.13	-1.95	12.22
710	-8.66	-1.7	13.61
720	-9.47	-2.69	11.3
730	-8.93	-2.69	12.79
740	-8.33	-2.68	14.69
750	-7.53	-1.94	17.66
760	-6.46	-0.88	22.59
770	-5.88	-0.46	25.82
780	-5.48	0.13	28.31
790	-5.26	0.64	29.79
800	-5.3	-0.84	29.51
810	-5.75	-0.93	26.61
820	-5.37	-0.42	29.04
830	-5.7	-0.76	26.92
840	-5.4	-0.73	28.84
850	-5.42	-0.89	28.71
860	-5.1	-0.54	30.9
870	-5.37	-0.97	29.04
880	-5.29	-1.33	29.58
890	-5.75	-2.06	26.61
900	-5.85	-2.22	26
910	-5.8	-1.96	26.3
920	-6.12	-2.01	24.43
930	-6	-1.32	25.12
940	-6.31	-1.45	23.39
950	-6.58	-1.79	21.98
960	-7.32	-2.91	18.54

Frequency/Mhz	Efficiency / dB	MaxGain/dBi	Efficiency / %
1700	-5.19	0.99	30.27
1720	-5.08	0.72	31.05
1740	-4.82	0.67	32.96
1760	-4.62	0.75	34.51
1780	-4.62	0.43	34.51
1800	-4.7	0.38	33.88
1820	-4.81	0.52	33.04
1840	-4.66	0.8	34.2
1860	-4.71	0.69	33.81
1880	-4.88	-0.01	32.51
1900	-4.98	-0.82	31.77
1920	-4.99	-0.65	31.7
1940	-5.12	-1.18	30.76
1960	-4.94	-1	32.06
1980	-4.96	-0.86	31.92
2000	-5.14	-1.1	30.62
2020	-5.11	-0.96	30.83
2040	-5.04	-0.62	31.33
2060	-5.01	-0.66	31.55
2080	-4.79	-0.35	33.19
2100	-4.96	-0.35	31.92
2120	-4.84	-0.25	32.61
2140	-4.86	-0.58	32.66
2160	-4.97	-0.78	31.84
2180	-5.14	-0.7	30.62
2200	-5.28	-0.81	29.65

Frequency/Mhz	Efficiency / dB	MaxGain/dBi	Efficiency / %
2220	-5.39	-0.9	28.91
2240	-5.37	-0.97	29.04
2260	-5.4	-1.29	28.84
2280	-5.53	-1.05	27.99
2300	-5.63	-0.73	27.35
2320	-5.61	-0.57	27.48
2340	-5.7	-0.37	26.92
2360	-5.36	0.37	29.11
2380	-5.38	0.08	28.97
2400	-5.67	-0.17	27.1
2420	-5.83	-0.9	26.12
2440	-5.84	-0.93	26.06
2460	-5.89	-0.93	25.76
2480	-5.61	-0.28	27.48
2500	-5.67	0.31	27.1
2520	-5.57	-0.01	27.73
2540	-5.68	-0.25	27.04
2560	-5.75	0.23	26.61
2580	-5.9	0.5	25.7
2600	-5.87	0.59	25.88
2620	-6.15	0.2	24.27
2640	-6.21	0.57	23.93
2660	-6.49	0.59	22.44
2680	-6.81	0.49	20.84
2700	-7.16	0.28	19.23

We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.