



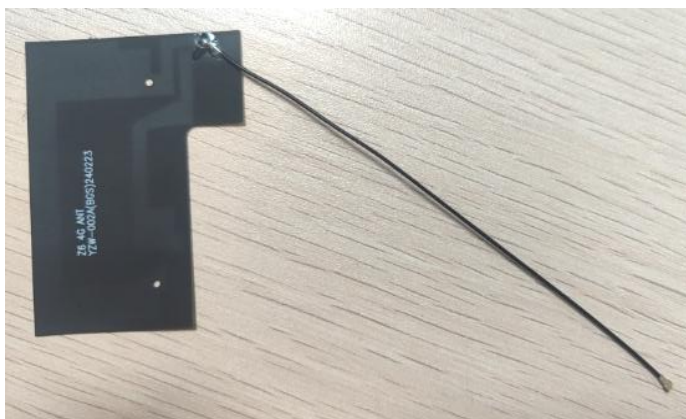
1.Antenna Specification/天线技术参数

1.1: Electrical Specification/电气特性	
Freq.Range/频段范围（MHz）	703-960; 1710-2690
Impedance/输入阻抗（Ω）	50
VSWR/驻波比	≤3.0
Directional/辐射方向	Omni directional/全向性
Polarization/极化方式	Linear/线极化
Peak Gain/最大增益（dBi）	3.32
Efficiency效率	703-960MHz: ≥13%
	1710-2690MHz: ≥40%
1.2: Mechanical Specification/机械指标	
Antenna Size/天线尺寸	58.5*44.8mm
Material/材质	FPC
RF Cable Type/射频线型号	RF0.81
Connector Type/连接器类型	N/A
Pulling force/拉拔力	0.8kgf
Salt spray test/盐雾试验	48H
1.3: Environmental Specification/环境指标	
Operation temp/工作温度	-40℃～+85℃
Storage temp/储存温度	+19℃～+23℃



2. Antenna Picture and Installation Instructions/天线图片及安装说明

2.1: Antenna Picture/天线图片



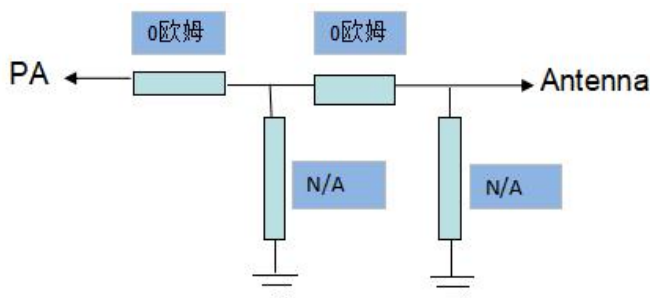
2.2: Installation Picture/安装图片





3.Test Report/测试报告

3.1: The matching circuits/匹配电路



3.2: Active test data/有源测试数据

1#LTE测试数据				2#LTE测试数据			
LTE1 (10M)	Low	19.69		LTE1 (10M)	Low	19.81	
	Mid	20.03			Mid	19.92	
	High	20.27	-94.22		High	20.29	-94.12
LTE2 (10M)	Low	20.13		LTE2 (10M)	Low	19.92	
	Mid	19.79			Mid	19.86	
	High	19.88	-94.17		High	20.15	-93.99
LTE3 (10M)	Low	19.92		LTE3 (10M)	Low	19.92	
	Mid	19.45			Mid	19.43	
	High	19.14	-94.86		High	19.51	-94.07
LTE4 (10M)	Low	19.87		LTE4 (10M)	Low	19.91	
	Mid	19.52			Mid	19.66	
	High	19.17	-93.21		High	19.29	-92.82
LTE5 (10M)	Low	14.77		LTE5 (10M)	Low	13.61	
	Mid	14.62			Mid	14.15	
	High	14.85	-82.72		High	14.62	-84.21
LTE7 (10M)	Low	19.12		LTE7 (10M)	Low	18.21	
	Mid	19.19			Mid	18.99	
	High	19.36	-92.09		High	19.03	-92.17
LTE8 (10M)	Low	16.43		LTE8 (10M)	Low	16.79	
	Mid	16.05			Mid	16.55	
	High	15.79	-80.59		High	16.43	-80.13
LTE20 (10M)	Low	16.02		LTE20 (10M)	Low	14.72	
	Mid	15.87			Mid	15.03	
	High	15.69	-84.33		High	15.19	-84.05
LTE28 (10M)	Low	15.71		LTE28 (10M)	Low	15.87	
	Mid	15.42			Mid	14.62	
	High	15.67	-85.25		High	14.61	-85.03
LTE38 (20M)	Low	19.28		LTE38 (20M)	Low	19.27	
	Mid	19.65			Mid	19.56	
	High	19.11	-91.17		High	19.57	-91.89
LTE40 (20M)	Low	18.24		LTE40 (20M)	Low	18.32	
	Mid	18.69			Mid	18.69	
	High	18.88	-90.55		High	18.99	-89.87
LTE41 (20M)	Low	18.27		LTE41 (20M)	Low	18.42	
	Mid	19.13			Mid	19.65	
	High	19.06	-92.41		High	19.21	-92.06

3.3: Pactive test data/无源测试数据

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
700	19.31	-4.44	1920	45.46	0.87
710	23.56	-3.69	1940	48.2	1.49
720	27.81	-3.03	1960	51.02	1.76
730	30.28	-2.36	1980	55.01	1.82
740	29.33	-2.16	2000	52.77	1.53
750	24.96	-2.52	2020	50.09	1.12
760	20.97	-2.99	2040	46.93	0.74
770	16.05	-4.13	2060	47.51	0.44
780	12.1	-5.75	2080	49.5	0.93
790	11.04	-6.57	2100	50.66	1.21
800	13.69	-5.75	2120	47.86	0.84
810	20.08	-3.47	2140	46.81	0.17
820	24.41	-2.38	2160	46.82	0.6
830	25.92	-2.06	2180	45.55	0.75
840	26.98	-1.84	2200	46.8	0.71
850	24.47	-2.17	2220	46.65	0.64
860	20.91	-2.85	2240	46.73	0.65
870	18.88	-3.43	2260	47.76	0.74
880	17.85	-3.72	2280	44.44	0.5
890	18.01	-3.65	2300	45.98	0.69
900	16.53	-4.11	2320	50.33	1.07
910	15.91	-4.48	2340	45.09	0.94
920	15.13	-4.89	2360	50.78	1.85
930	14.28	-5.07	2380	55.26	2.45
940	15.94	-5.75	2400	45.3	1.6
950	15.28	-5.64	2420	51.06	2.17
960	14.45	-5.78	2440	52.95	2.34
			2460	45.55	1.77
1700	47.18	2.24	2480	47.34	1.76
1720	46.11	2.09	2500	44.4	1.51
1740	43.87	1.9	2520	42.63	1.43
1760	42.85	1.54	2540	45.49	1.84
1780	39.41	1.16	2560	41.49	1.58
1800	37.05	1.14	2580	44.42	2.22
1820	34.04	0.7	2600	51.4	3.32
1840	33.01	-0.21	2620	48.47	3.23
1860	32.6	-0.61	2640	47.89	3.11
1880	38.04	0.02	2660	52.14	3.3
1900	41.48	0.38	2680	49.46	2.82
			2700	49.23	2.9

3.4: Directional diagram/方向图

