




## Specifications

The report mainly provides A55 GSM+WCDMA +LTE,performance parameter test, antenna for built-in antenna:

### 2、Electrical performance

#### 2-1Specification Standard

The A55 antenna operates in the

LTE Band 2:1850~1910MHz

LTE Band 4:1710~1755MHz

LTE Band 5: 824~849MHz

LTE Band 7:2500~2570MHz

LTE Band 12: 699-716MHz

LTE Band 17:704~716MHz

LTE Band 41: 2535-2675MHz

LTE Band 66: 1710-1780MHz

LTE Band 71: 663-698MHz, which generates resonances in this ;The following table shows the mass production performance test indicators for the A55 design antenna:

GSM/WCDMA/LTE ant 65mm\*11mm



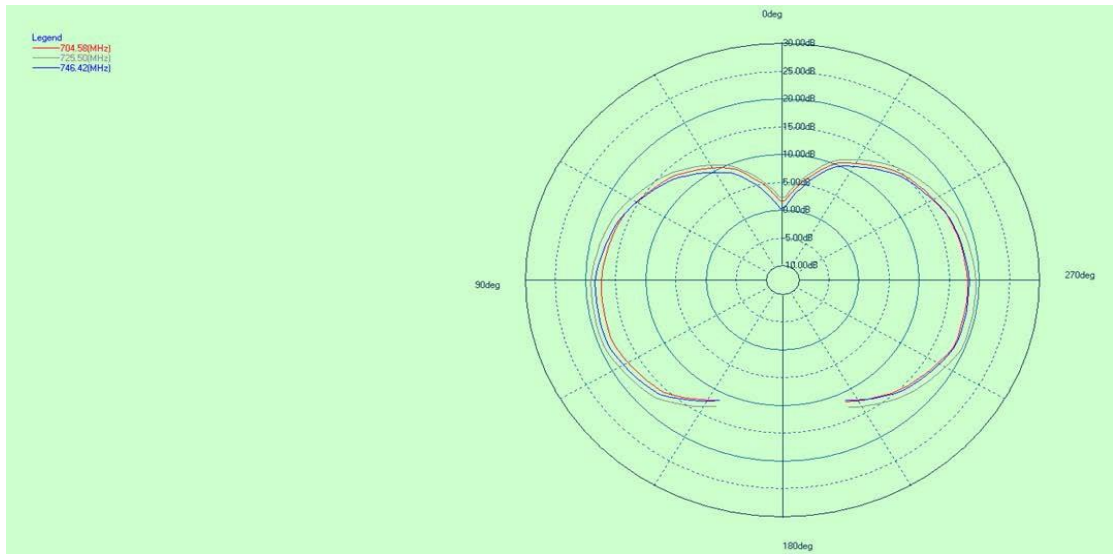
BT WIFI ANT 13mm\*10mm



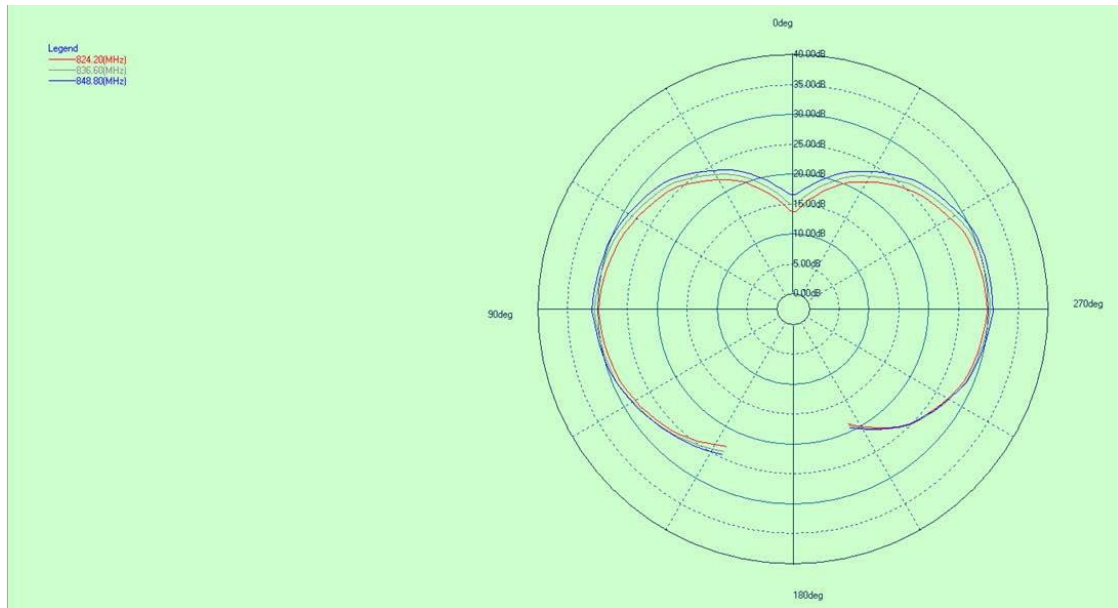
2-2 gain test

MAIN				DIV				WIFI/BT	
Freq (MHz)	Gain (dBi)	Freq (MHz)	Gain (dBi)	Freq (MHz)	Gain (dBi)	Freq (MHz)	Gain (dBi)	Freq	Gain
820	-0.25	2300	1.24	1710	1.25	2110	0.55	2400	0.67
830	-0.11	2310	1.27	1720	1.35	2120	0.52	2410	1.48
840	0.3	2320	1.18	1730	1.14	2130	0.48	2420	1.27
850	0.25	2330	1.24	1740	0.85	2140	0.42	2430	1.43
860	0.24	2340	1.97	1750	0.38	2150	0.18	2440	1.86
870	0.53	2350	1.93	1760	0.57	2160	0.45	2450	2.37
880	0.45	2360	1.42	1770	0.65	2170	0.52	2460	2.02
890	0.35	2370	1.85	1780	0.53			2470	1.31
900	0.18	2380	1.87	1790	0.4			2480	1.67
910	0.35	2390	1.39	1800	0.25			2490	1.13
920	0.34	2400	1.56	1810	0.89			2500	1.36
930	0.16	2410	1.42	1820	1.02				
940	0.27	2420	1.45	1830	1.25				
950	0.34	2430	1.34	1840	1.34				
960	0.52	2440	1.07	1850	1.41				
		2450	1.55	1860	1.58				
		2460	2.14	1870	1.65				
		2470	2.45	1880	1.73				
		2480	2.72	1890	1.85				
		2490	1.21	1900	1.82				
		2500	1.43	1910	1.74				
		2510	1.56	1920	1.31				
		2520	1.41	1930	1.22				
		2530	1.57	1940	1.13				
		2540	1.68	1950	1.27				
		2550	1.66	1960	1.32				
		2560	1.76	1970	1.25				
		2570	1.6	1980	1.52				
		2580	1.51	1990	0.38				
		2590	1.56	2000	0.54				
		2600	1.55	2010	0.78				
		2610	1.67	2020	0.94				
		2620	1.57	2030	0.89				
		2630	1.42	2040	0.95				
		2640	1.34	2050	0.82				
		2650	1.02	2060	0.5				
		2660	1.53	2070	0.23				
		2670	1.83	2080	0.76				
		2680	2.06	2090	0.57				
		2690	2.19	2100	0.63				

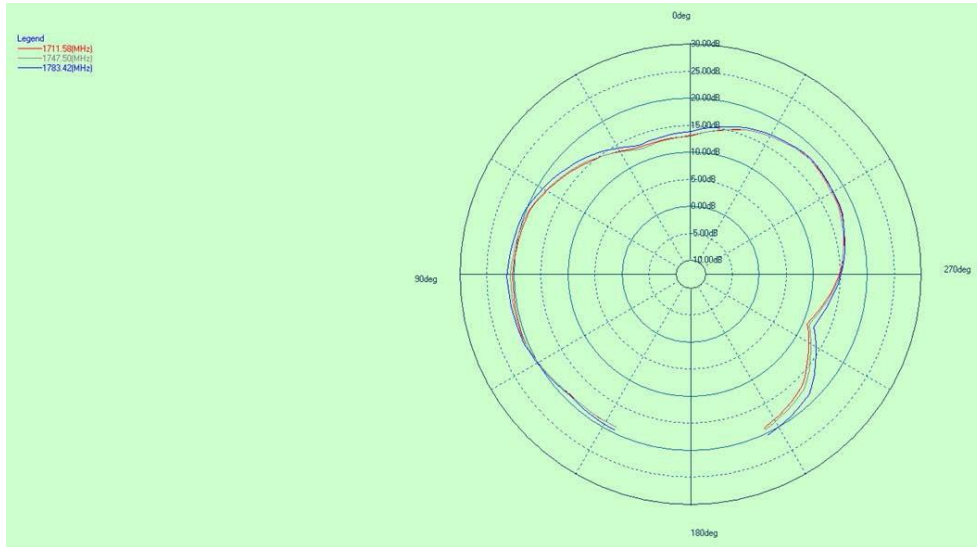
700MHz



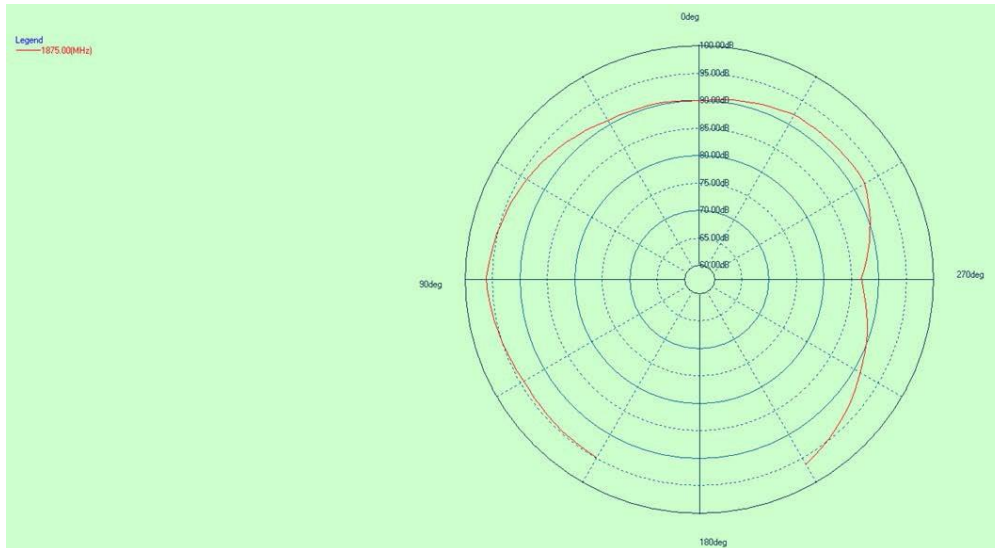
824-849MHz



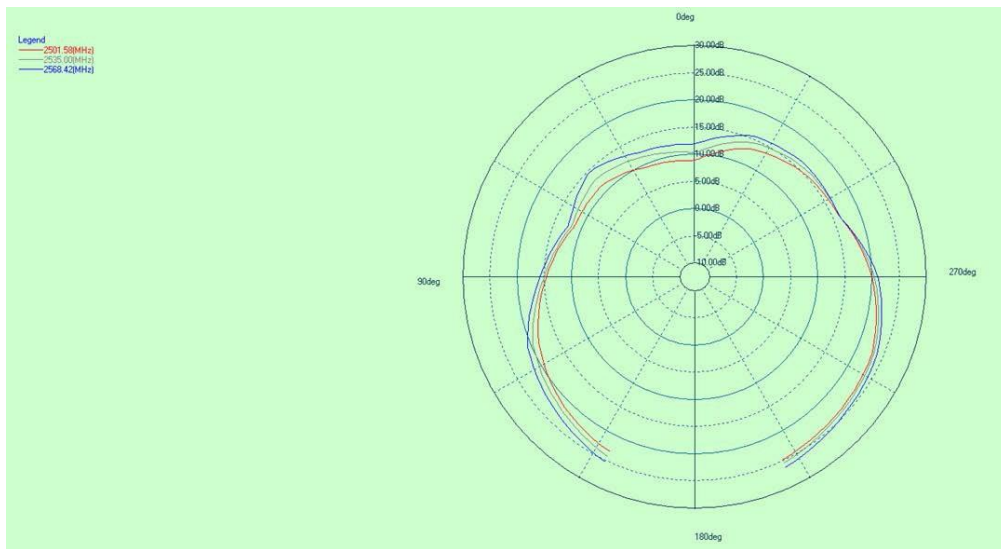
1710-1785MHz



1875MHz



2500-2570



2670

