
深圳天宇通电子有限公司

SHENZHEN TYT COMMUNICATION CO.,LTD.



Antenna specification

Model: L6801-KR

Dimension figure



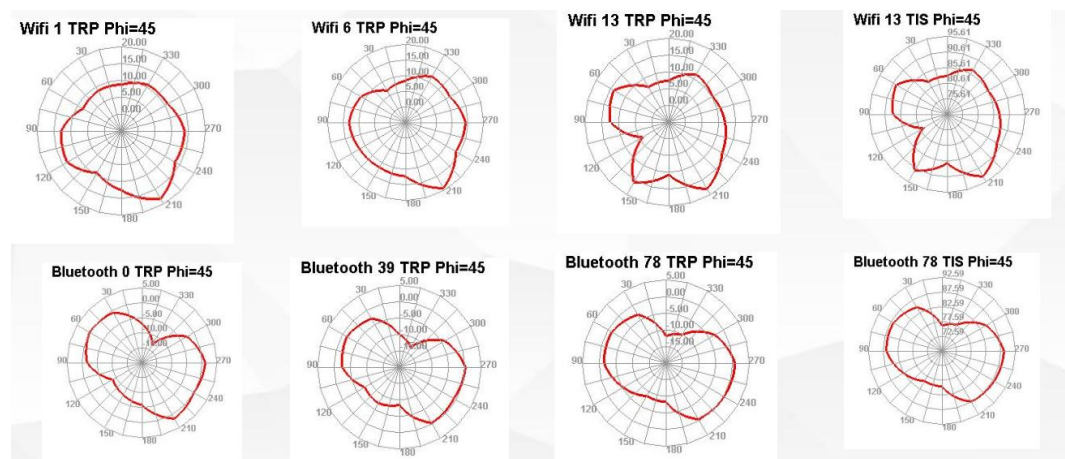
2.4G WIFI & Bluetooth ANT Gain

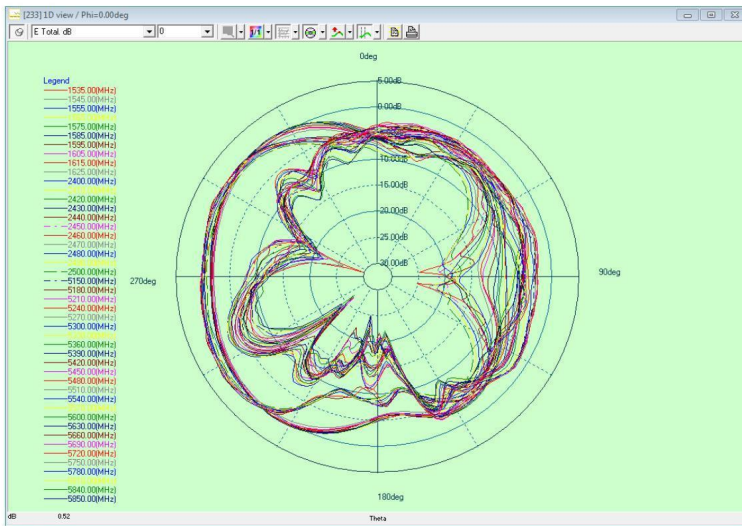
Passive Test For WIFI2.4										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	30.31	-5.18	-1.79	-3.94	14.91	15.401	-1.79	-13.92	52.57	52.52
2410	31.72	-4.99	-1.66	-3.81	15.8	15.899	-1.66	-13.98	52.61	52.56
2420	32.81	-4.84	-1.46	-3.61	16.206	16.602	-1.46	-13.79	52.49	52.49
2430	35.39	-4.51	-0.93	-3.08	18.872	16.516	-0.93	-13.79	52.55	52.52
2440	36.78	-4.34	-0.98	-3.13	19.347	17.436	-0.98	-14.65	52.69	52.57
2450	37.67	-4.24	-0.91	-3.06	19.064	18.606	-0.91	-13.45	52.92	52.78
2460	36.18	-4.41	-1.05	-3.2	17.672	18.511	-1.05	-12.76	52.79	52.62
2470	35.64	-4.48	-1.27	-3.42	18.945	16.698	-1.27	-14.43	52.83	52.65
2480	35.39	-4.51	-0.93	-3.08	18.872	16.516	-0.93	-13.79	52.81	52.65
2490	35.19	-4.54	-1.32	-3.47	18.847	16.343	-1.32	-13.96	53	52.81
2500	33.3	-4.78	-1.43	-3.58	17.382	15.914	-1.43	-14.8	53.02	52.84

5G WIFI ANT Gain

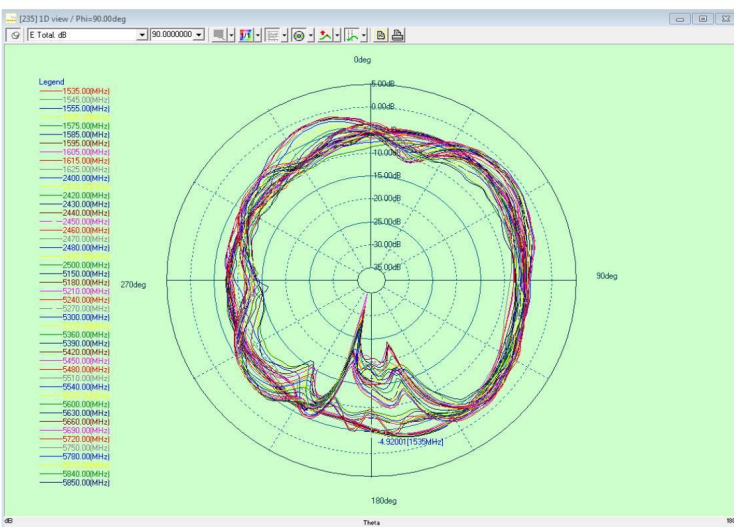
Passive Test For 5150-5900										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
5150	29.06	-5.37	-0.78	-2.93	12.359	16.702	-0.78	-14.77	55.96	55.76
5180	26.96	-5.69	-0.93	-3.08	11.816	15.147	-0.93	-14.77	56.12	56.06
5210	24.01	-6.2	-1.61	-3.76	10.787	13.219	-1.61	-14.53	56.35	56.28
5240	21.73	-6.63	-2.15	-4.3	9.609	12.119	-2.15	-14.58	56.56	56.48
5270	22.1	-6.56	-1.99	-4.14	9.649	12.448	-1.99	-14.61	56.85	56.82
5300	28.08	-5.52	-1.14	-3.29	12.227	15.854	-1.14	-13.53	57.12	57.06
5330	31.5	-5.02	-0.65	-2.8	13.764	17.741	-0.65	-12.6	57.36	57.22
5360	38.51	-4.14	-0.37	-1.78	16.911	21.598	0.37	-11.07	57.58	57.62
5390	29.46	-5.31	-0.93	-3.08	12.94	16.518	-0.93	-11.95	57.86	57.83
5420	32.91	-4.83	-0.47	-2.62	14.438	18.476	-0.47	-11.2	58.15	58.12
5450	30.3	-5.19	-0.77	-2.92	13.324	16.979	-0.77	-11.31	58.46	58.39
5480	36.34	-4.4	-0.17	-2.32	16.005	20.335	-0.17	-10.8	58.69	58.63
5510	39.18	-4.07	-0.11	-2.04	17.163	22.016	0.11	-10.7	58.92	58.89
5540	32.03	-4.95	-0.63	-2.78	13.89	18.135	-0.63	-11.47	59.22	59.17
5570	32.59	-4.87	-0.64	-2.79	13.93	18.661	-0.64	-11.05	59.55	59.52
5600	26.88	-5.71	-1.45	-3.6	11.343	15.536	-1.45	-11.28	59.83	59.79
5630	27	-5.69	-1.12	-3.27	11.577	15.422	-1.12	-11.34	60.16	60.13
5660	30.52	-5.15	-0.72	-2.87	13.391	17.133	-0.72	-10.87	60.52	60.49
5690	35.01	-4.56	-0.21	-2.36	15.471	19.54	-0.21	-10.08	60.85	60.76
5720	35.77	-4.47	-0.08	-2.23	15.774	19.992	-0.08	-10.22	61.13	61.09
5750	36.47	-4.38	-0.15	-2.3	16.052	20.416	-0.15	-10.39	61.52	61.48
5780	40.63	-3.91	0.29	-1.86	17.799	22.835	0.29	-10.25	61.83	61.76
5810	36.96	-4.32	0.01	-2.14	16.099	20.857	0.01	-11.07	62.12	62.08
5840	36.19	-4.41	-0.15	-2.3	15.405	20.783	-0.15	-11.47	62.39	62.36
5870	30.85	-5.11	-0.9	-3.05	12.727	18.127	-0.9	-12.5	62.76	62.69
5900	35.63	-4.48	-0.18	-2.33	14.887	20.746	-0.18	-11.63	63.06	63.02

2D/3D Data picture

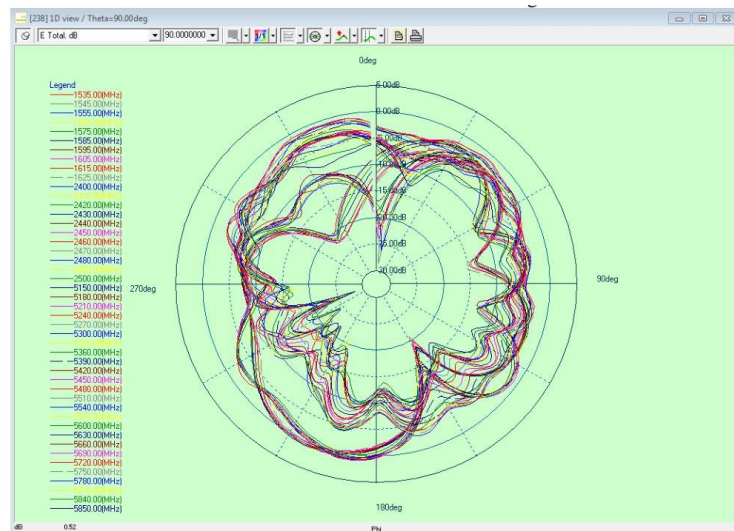




2.4GWIFI&Bluetooth&5G WIFI $\Phi=0^\circ$



2.4GWIFI&Bluetooth&5G WIFI $\Phi=90^\circ$



2.4GWIFI&Bluetooth&5G WIFI $\Theta=90^\circ$