
Antenna Specification

SHENZHEN TYT COMMUNICATION CO.,LTD.

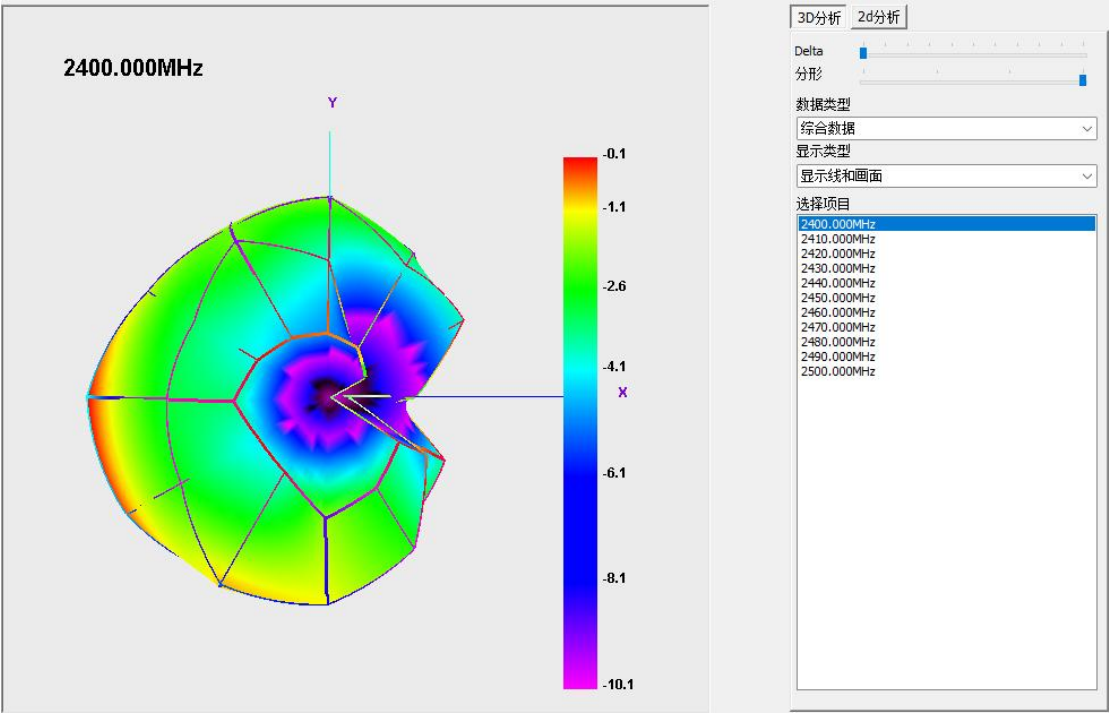
**Address: Room 701, Building 212, Tairan Technology
Park, Shatou Street, Futian District, Shenzhen**

Antenna model: L6408_G99_GWB

Antenna type: FPC

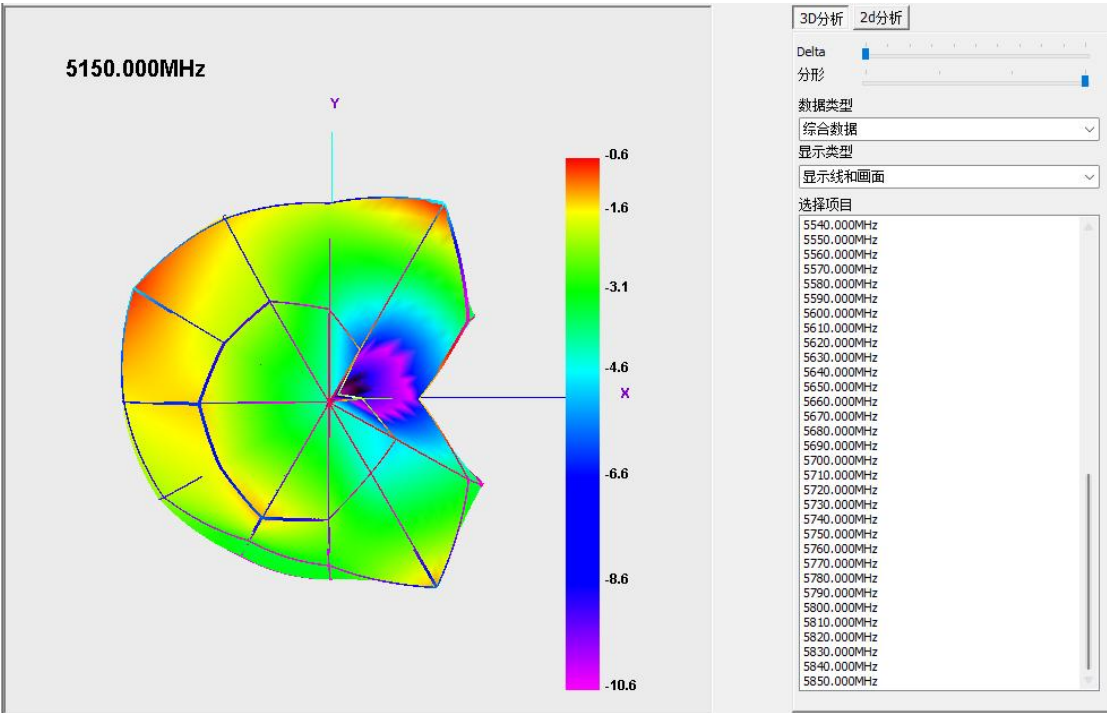
2.4GWIFIApple picture

Passive Test For WIFI2.4												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	30.12	-5.21	-0.1	-2.25	12.036	18.08	-0.1	-21.94	5.11	30	48.28	48.23
2410	30.78	-5.12	-0.07	-2.22	12.463	18.318	-0.07	-21.16	5.05	30	48.62	48.52
2420	32.3	-4.91	-0.02	-2.17	13.162	19.133	-0.02	-21.29	4.89	30	48.58	48.55
2430	32.77	-4.85	-0.01	-2.16	13.475	19.295	-0.01	-21.68	4.83	30	48.7	48.62
2440	34.72	-4.59	0.13	-2.02	14.309	20.407	0.13	-21.73	4.73	30	48.96	48.9
2450	36.02	-4.44	0.27	-1.88	14.971	21.044	0.27	-21.28	4.71	30	48.95	48.87
2460	36.63	-4.36	0.25	-1.9	15.338	21.293	0.25	-20.31	4.61	30	48.99	48.85
2470	35.16	-4.54	0.04	-2.11	14.925	20.238	0.04	-19.47	4.58	30	48.85	48.81
2480	34.67	-4.6	-0.06	-2.21	14.856	19.812	-0.06	-18.87	4.54	30	48.77	48.68
2490	34.32	-4.64	-0.12	-2.27	14.922	19.398	-0.12	-19.3	4.52	30	48.94	48.87
2500	34.54	-4.62	-0.14	-2.29	15.184	19.352	-0.14	-19.38	4.47	30	48.95	48.8



5GWIFIApple picture

Passive Test For WIFI5.8												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5150	32.05	-4.94	-0.64	-2.79	19.207	12.843	-0.64	-17.46	4.3	90	58.88	58.25
5160	31.83	-4.97	-0.66	-2.81	19.221	12.611	-0.66	-17.62	4.31	90	58.66	58.25
5210	29.88	-5.25	-1.32	-3.47	18.004	11.875	-1.32	-19.46	3.93	120	58.12	57.75
5220	28.01	-5.53	-1.66	-3.81	16.953	11.054	-1.66	-20.38	3.86	120	57.98	57.75
5230	28.06	-5.52	-1.7	-3.85	16.943	11.119	-1.7	-20.71	3.82	120	57.95	57.77
5240	27.77	-5.56	-1.76	-3.91	16.781	10.985	-1.76	-21.29	3.8	120	57.87	57.52
5250	27.23	-5.65	-1.94	-4.09	16.434	10.798	-1.94	-21.85	3.71	120	57.74	57.28
5340	28.66	-5.43	-2.16	-4.31	16.817	11.842	-2.16	-21.11	3.26	180	58.76	58.37
5370	32.06	-4.94	-1.8	-3.95	18.601	13.457	-1.8	-21.75	3.14	150	59.26	59.01
5400	34.49	-4.62	-1.23	-3.38	20.337	14.152	-1.23	-21.39	3.39	150	59.47	58.84
5450	35.09	-4.55	0.26	-1.89	21.367	13.723	0.26	-19.97	4.81	60	59.98	59.04
5460	36.13	-4.42	0.71	-1.44	22.176	13.957	0.71	-19.06	5.13	60	60.2	59.3
5470	37.41	-4.27	1.19	-0.96	23.187	14.226	1.19	-17.89	5.46	30	60.54	59.65
5480	36.99	-4.32	1.31	-0.84	23.11	13.881	1.31	-17.02	5.63	30	60.89	59.83
5490	37.23	-4.29	1.48	-0.67	23.413	13.813	1.48	-16.68	5.77	30	61.4	60.07
5500	36.73	-4.35	1.55	-0.6	23.294	13.434	1.55	-16.08	5.9	30	60.86	59.49
5600	38.74	-4.12	1.33	-0.82	25.363	13.38	1.33	-15.32	5.45	0	62.02	60.86
5630	40.66	-3.91	1.19	-0.96	26.458	14.197	1.19	-15.25	5.1	0	62.36	61.66
5640	40.15	-3.96	1	-1.15	26.027	14.12	1	-15.07	4.97	0	61.6	60.8
5650	40.7	-3.9	0.83	-1.32	26.216	14.486	0.83	-15.13	4.74	0	61.7	60.96
5660	40.7	-3.9	0.68	-1.47	26.066	14.635	0.68	-14.99	4.58	0	61.35	61.04
5720	38.98	-4.09	0.46	-1.69	23.718	15.261	0.46	-15.47	4.55	0	61.32	61.07
5730	39.22	-4.06	0.63	-1.52	23.606	15.617	0.63	-15.74	4.7	0	61.5	61.41
5760	36.04	-4.43	0.66	-1.49	21.082	14.958	0.66	-16.46	5.09	30	61.47	61.62
5770	35.08	-4.55	0.66	-1.49	20.322	14.761	0.66	-16.72	5.21	30	61.6	61.61
5810	32.21	-4.92	0.46	-1.69	18.017	14.195	0.46	-17.17	5.38	30	61.84	62.04
5820	31.68	-4.99	0.4	-1.75	17.558	14.126	0.4	-17.44	5.39	30	62.1	62.3



Antenna structure design diagram

