

SPECIFICATION

T85 ANT0 Antenna

Product approval sheet

FCC ID	2AUOUT85	Band	WIFI2.4G/5G
Model	T85	Colour	Black

Customer check:

Reach requirement of customer: ☒OK ☐NG

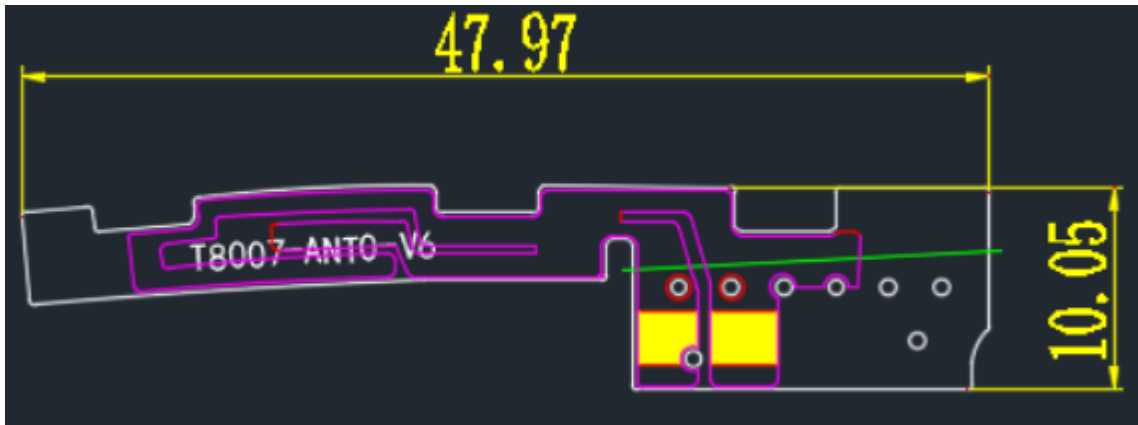
Shenzhen 3Good Wireless Communication Co., Ltd
501-508, Jinfulai Building, No. 49-1 Dabao Road, Bao 'an District, Shenzhen

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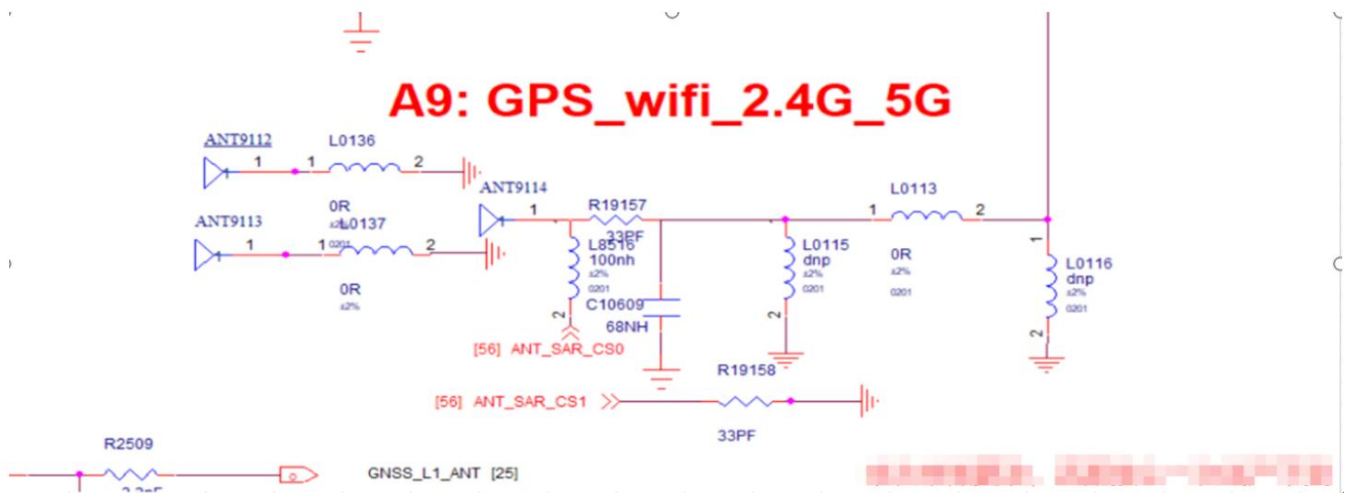
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1 General description

1.1 Antenna appearing diagram

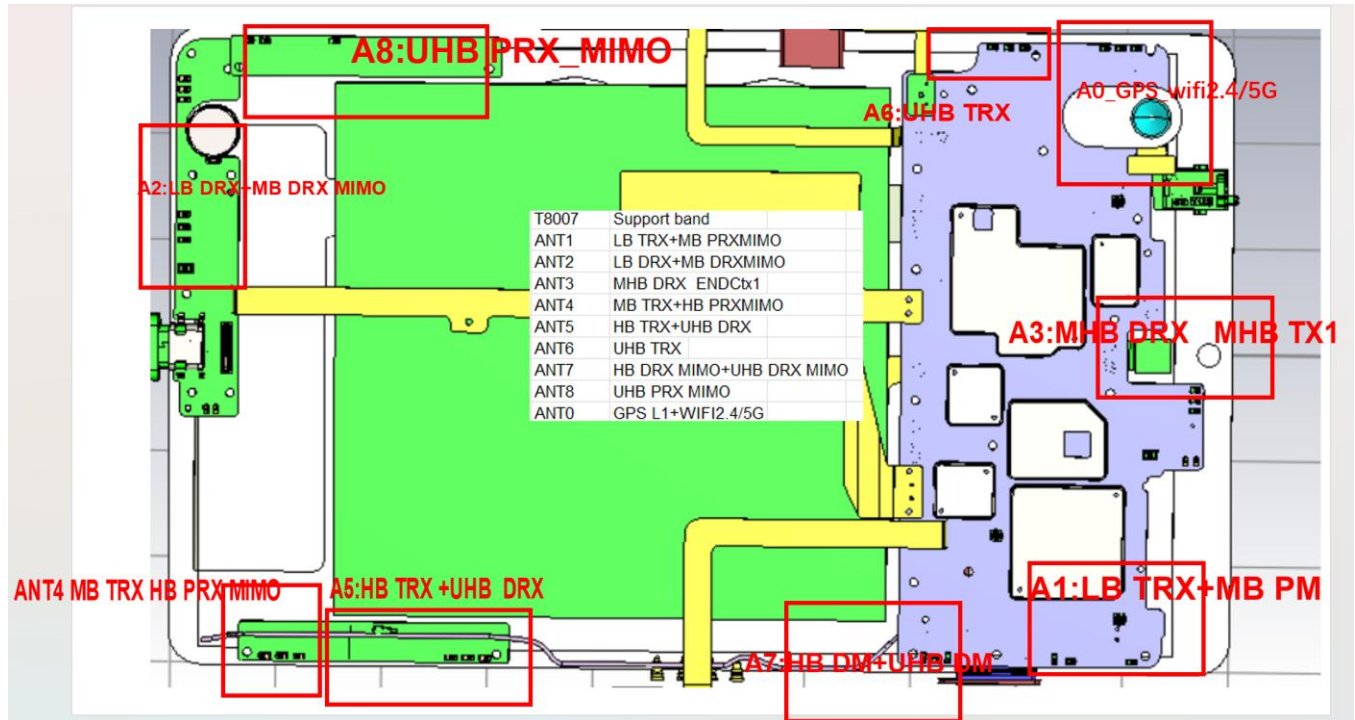


1.2 Antenna Matching circuits



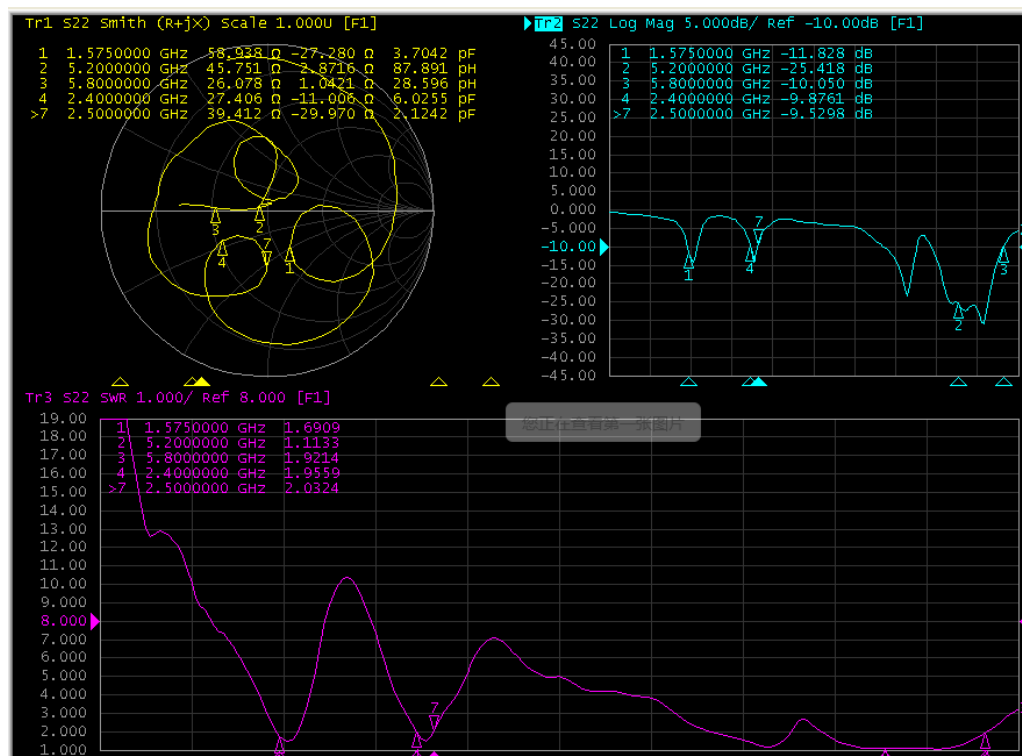
A0	
Element	Value
L8516	unchanged
R19157	unchanged
C10609	unchanged
L0115	N/A
L0113	0Ω
0116	N/A
R2502	unchanged

1.3 Antenna location



2 Electrical performance

2.1 VSWR



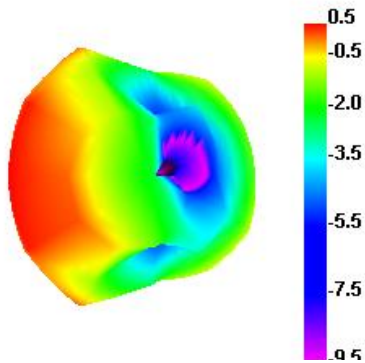
2.2 Efficiency & Gain

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)		Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1550	43.57	-3.61	0.41		5150	30.67	-5.13	-2.45	5510	38.34	-4.16	-0.16
1555	41.69	-3.8	0.18		5160	29.06	-5.37	-2.58	5520	39.7	-4.01	-0.02
1560	43.27	-3.64	0.29		5170	28.53	-5.45	-2.86	5530	38.98	-4.09	-0.25
1565	43.7	-3.6	0.16		5180	28.3	-5.48	-2.31	5540	39.06	-4.08	-0.48
1570	43.6	-3.61	0.25		5190	28.88	-5.39	-2.38	5550	38.69	-4.12	-0.6
1575	47.79	-3.21	0.48		5200	29.37	-5.32	-2.59	5560	37.94	-4.21	-0.62
1580	46.08	-3.36	0.31		5210	29.51	-5.3	-2.46	5570	39.74	-4.01	-0.53
1585	48.68	-3.13	0.55		5220	27.74	-5.57	-2.87	5580	40.4	-3.94	-0.57
1590	49.67	-3.04	0.54		5230	27.55	-5.6	-2.71	5590	40.31	-3.95	-0.66
1595	47.32	-3.25	0.4		5240	27.97	-5.53	-2.36	5600	38.61	-4.13	-0.66
1600	47.72	-3.21	0.34		5250	28.98	-5.38	-2.27	5610	40.68	-3.91	-0.87
					5260	29.06	-5.37	-1.96	5620	38.87	-4.1	-0.57
					5270	27.71	-5.57	-2.22	5630	40.64	-3.91	-0.65
					5280	28.31	-5.48	-1.97	5640	40.36	-3.94	-0.48
					5290	28.35	-5.48	-1.63	5650	42.47	-3.72	-0.73
					5300	28.94	-5.38	-1.37	5660	38.08	-4.19	-0.66
					5310	29.11	-5.36	-1.42	5670	43.51	-3.61	-0.38
					5320	30.62	-5.14	-1.08	5680	40.18	-3.96	-0.25
					5330	28.72	-5.42	-1.23	5690	41.73	-3.8	-0.18
					5340	31.18	-5.06	-1	5700	39.11	-4.08	-0.12
					5350	32	-4.95	-0.82	5710	39.99	-3.98	-0.07
					5360	32.67	-4.86	-0.65	5720	37.3	-4.28	0.02
					5370	33.56	-4.74	-0.9	5730	40.32	-3.95	0.19
					5380	33.21	-4.79	-0.84	5740	39.78	-4	0.29
					5390	31.1	-5.07	-0.95	5750	40.13	-3.97	0.28
					5400	37.37	-4.27	-0.09	5760	37.41	-4.27	0.21
					5410	38.25	-4.17	-0.16	5770	36.09	-4.43	0.31
					5420	38.7	-4.12	0.03	5780	35.54	-4.49	0.43
					5430	37.22	-4.29	0.23	5790	35.5	-4.5	0.23
					5440	38.11	-4.19	-0.27	5800	37.42	-4.27	0.42
					5450	36.97	-4.32	-0.07	5810	34.98	-4.56	0.28
					5460	37.84	-4.22	-0.23	5820	34.75	-4.59	0.33
					5470	38.63	-4.13	0.09	5830	32.97	-4.82	0.54
					5480	39.22	-4.07	0	5840	37.08	-4.31	0.76
					5490	38.27	-4.17	-0.08	5850	32.46	-4.89	0.93
					5500	38.41	-4.16	-0.19				

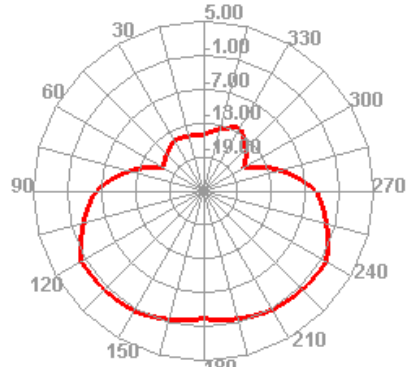
2.3 3D Pattern

GPS

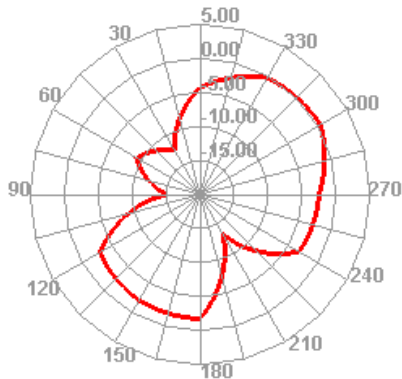
1575.000MHz



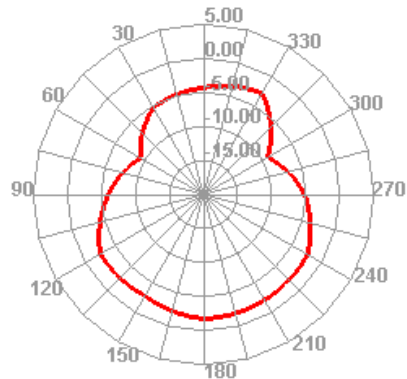
1575.000MHz H



1575.000MHz E1

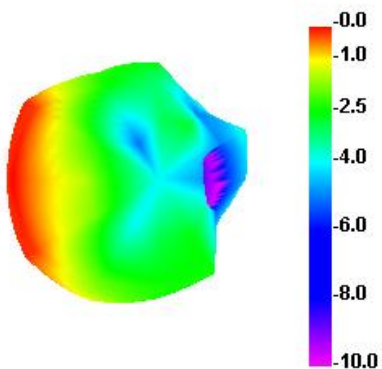


1575.000MHz E2

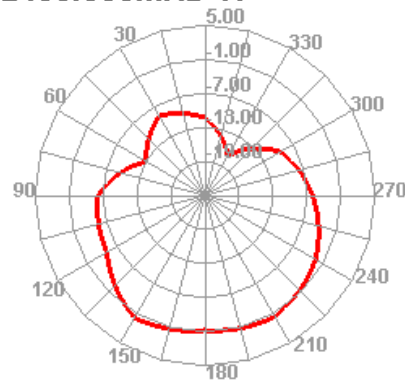


WIFI 2.4G

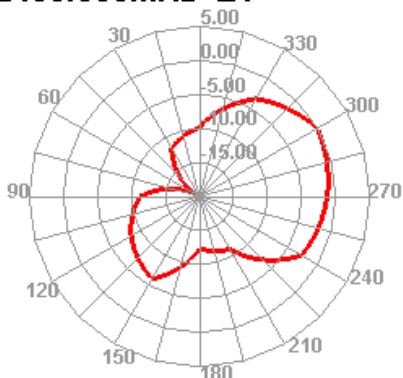
2450.000MHz



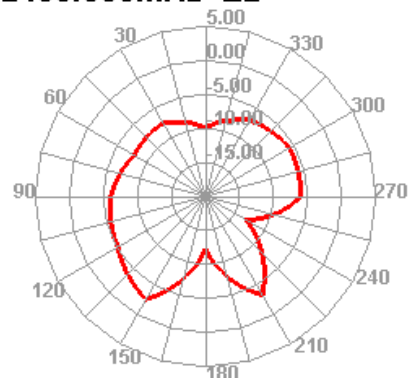
2450.000MHz H



2450.000MHz E1

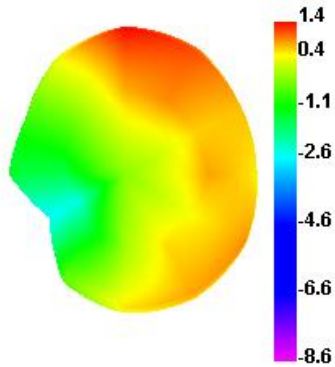


2450.000MHz E2

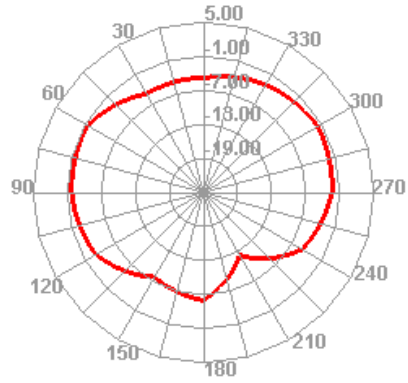


WIFI 5.8G

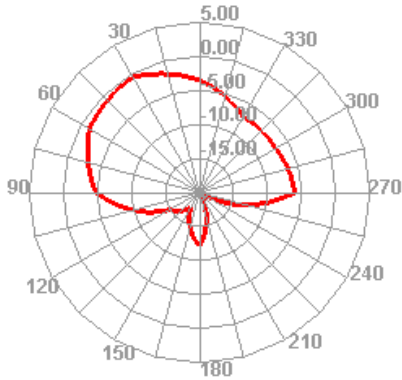
5500.000MHz



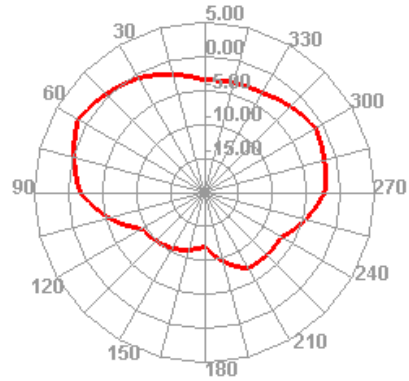
5500.000MHz H



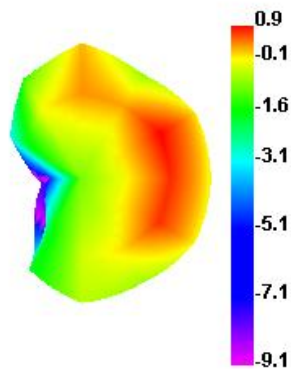
5500.000MHz E1



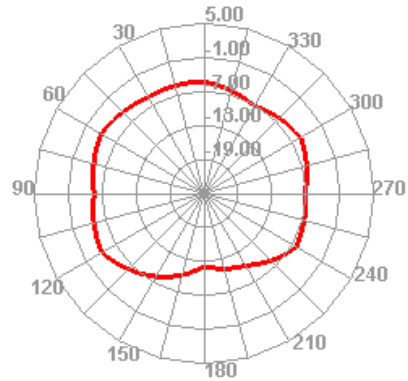
5500.000MHz E2



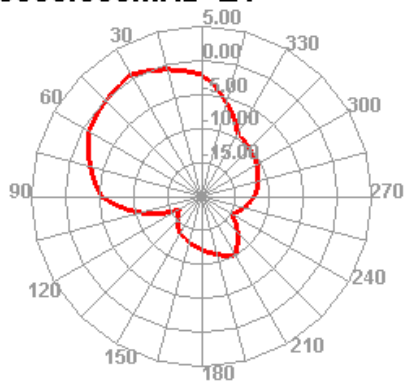
5850.000MHz



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

