

Antenna test report

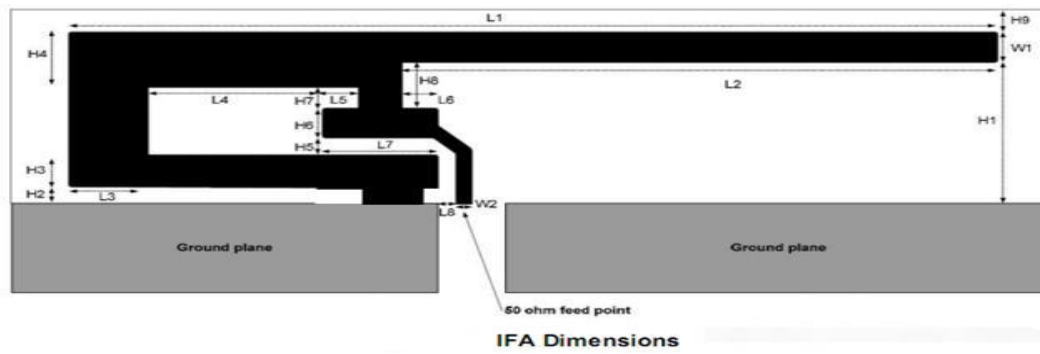
1. Specification

EUT Name	CBU Antenna
Manufacturer:	Shenzhen Chiheng Industrial Co., Ltd.
Antenna Type	PCB antenna
Dimensions	Appendix A

2. Technical Information

Frequency Range	2400MHz~2500MHz
Test Frequency	2400, 2410……2500MHz

3. Appendix A Antenna Dimension



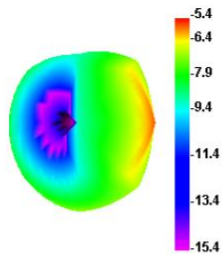
H1	2.01mm	W2	0.29mm
H2	0.24mm	L1	12.35mm
H3	0.48mm	L2	9.34mm
H4	0.84mm	L3	0.66mm
H5	0.23mm	L4	1.52mm
H6	0.39mm	L6	0.59mm
H7	0.51mm	L7	0.51mm
H8	0.59mm	L8	0.82mm
H9	0.63mm		
W1	0.48mm		

4. Appendix C Gain and Efficiency

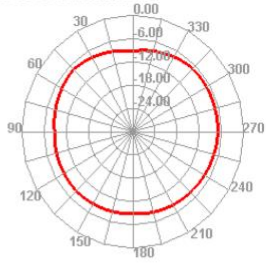
Passive Test For BT2.4												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	14.59	-8.36	-5.4	-7.55	0	0	-5.4	-15.03	8.36	0	46.98	46.74
2410	14.93	-8.26	-5.29	-7.44	0	0	-5.29	-15.74	8.26	0	47.02	46.81
2420	15.43	-8.12	-4.89	-7.04	0	0	-4.89	-16	8.12	0	47.61	47.33
2430	16.83	-7.74	-4.49	-6.64	0	0	-4.49	-16.08	7.74	0	47.09	46.89
2440	21.14	-6.75	-3.6	-5.75	0	0	-3.6	-15.35	6.75	0	47.31	47.09
2450	22	-6.57	-3.43	-5.58	0	0	-3.43	-15.13	6.57	45	47.33	47.06
2460	23	-6.38	-3.14	-5.29	0	0	-3.14	-14.84	6.38	45	47.74	47.47
2470	24.35	-6.13	-2.9	-5.05	0	0	-2.9	-14.85	6.13	0	47.62	47.29
2480	26.83	-5.71	-2.31	-4.46	0	0	-2.31	-15	5.71	0	47.53	47.33
2490	35.81	-4.46	-0.85	-3	0	0	-0.85	-14.08	4.46	0	47.51	47.26
2500	34.38	-4.64	-0.91	-3.06	0	0	-0.91	-13.93	4.64	0	47.26	47.03

5. Appendix D Radiation Pattern

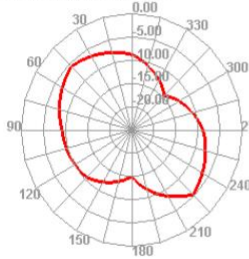
2400.000MHz



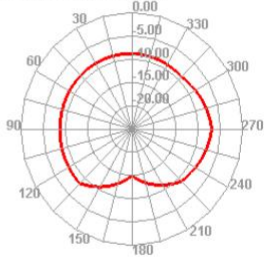
2400.000MHz H



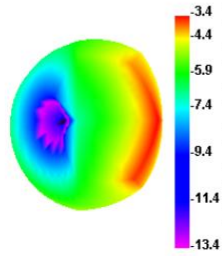
2400.000MHz E1



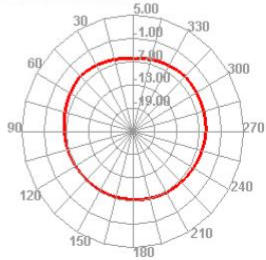
2400.000MHz E2



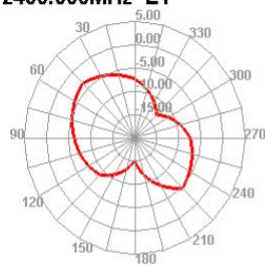
2450.000MHz



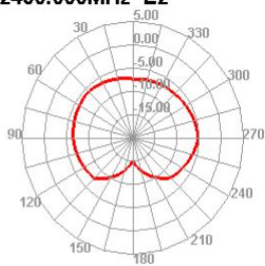
2450.000MHz H



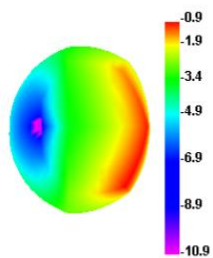
2450.000MHz E1



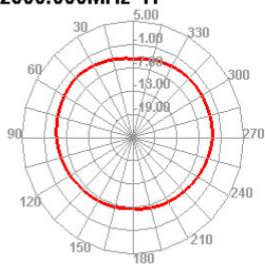
2450.000MHz E2



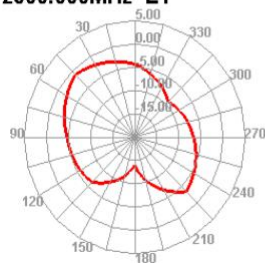
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

