

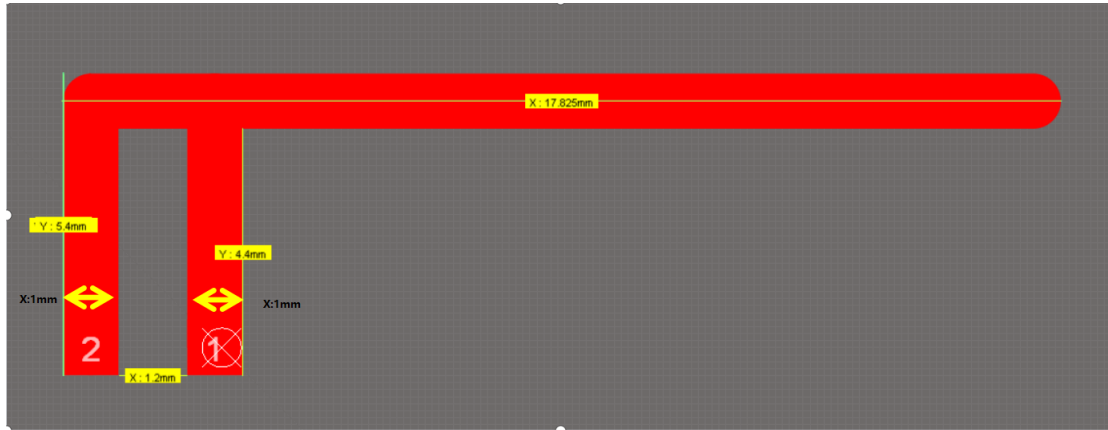
Antenna specification

型號 Model: HS-8CC

1. Antenna describe

天綫型號 Antenna model	Inverted F Antenna
天綫形式 Antenna form	PCB Antenna
頻率範圍 Frequency range	2.4 ~ 2.5Ghz
增益 Gain	-1.97dBi
駐波比係數 VSWR	<2.5
輸入阻抗 Input Impedance	50±5Ω
製造商 Manufacturer	南京嘉浩科技有限公司 Nanjing Jiahao Technology Co., Ltd.
製造商地址 Manufacturer's address	江蘇省南京市江寧區蘇源大道 120 號 No. 120, Suyuan Avenue, Jiangning District, Nanjing City, Jiangsu Province

2. Antenna Layout and Implementation



3. Gain

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	24.18	-6.16	-2.73	-4.88	11.74	12.443	-2.73	-13.53	3.43	30	49.31	49.51
2410	21.58	-6.66	-3.06	-5.21	10.561	11.02	-3.06	-14.5	3.59	30	49.3	49.47
2420	24.31	-6.14	-2.43	-4.58	12.063	12.249	-2.43	-13.63	3.71	30	49.21	49.44
2430	23.98	-6.2	-2.36	-4.51	11.942	12.035	-2.36	-12.94	3.84	30	49.29	49.51
2440	24.06	-6.19	-2.24	-4.39	12.008	12.052	-2.24	-12.49	3.94	30	49.81	49.97
2450	24.64	-6.08	-2.13	-4.28	12.389	12.254	-2.13	-12.35	3.96	30	50.25	50.31
2460	22.94	-6.39	-2.43	-4.58	11.558	11.383	-2.43	-12.78	3.96	30	50.42	50.54
2470	26.03	-5.84	-1.97	-4.12	13.264	12.77	-1.97	-12.55	3.87	30	50.66	50.7
2480	25.95	-5.86	-2.03	-4.18	13.225	12.73	-2.03	-12.48	3.82	30	50.72	50.69
2490	22.8	-6.42	-2.7	-4.85	11.57	11.234	-2.7	-12.92	3.72	30	50.77	50.66
2500	23.91	-6.21	-2.3	-4.45	11.914	12.001	-2.3	-13.64	3.91	30	50.69	50.54

4. Radiation pattern

