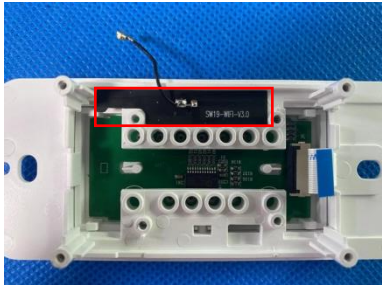
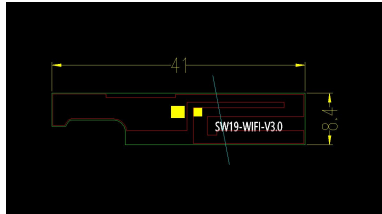


Antenna specifications

Product Name	WiFi Antenna
Antenna type	FPC
Maximum antenna gain	-1.77 dBi
Frequency Range	2400-2500MHz
Manufacturer	Hunan Dianxiaoku Technology Co., Ltd.
Address	2F 203,204,3F,4F,Building 6,HongshiEcological Science Park, Shaoyang Hi-techIndustrial Development District, TangdukouTown,Shaoyang County,Shaoyang City,Province,China

Antenna size information

	 Unit: mm
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Test Data:

																					
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Frequency (MHz)	2400.0	2405.0	2410.0	2415.0	2420.0	2425.0	2430.0	2435.0	2440.0	2445.0	2450.0	2455.0	2460.0	2465.0	2470.0	2475.0	2480.0	2485.0	2490.0	2495.0	2500.0
Efficiency (dB)	-7.17	-7.06	-7.26	-7.52	-7.52	-7.47	-7.54	-7.67	-7.64	-7.52	-7.65	-7.86	-7.87	-7.62	-7.64	-7.81	-7.65	-7.52	-7.65	-7.70	-7.50
Gain (dB)	-2.34	-2.28	-2.57	-2.88	-2.94	-2.87	-2.93	-2.98	-2.86	-2.61	-2.62	-2.69	-2.63	-2.27	-2.24	-2.36	-2.18	-2.02	-2.16	-2.11	-1.77
Efficiency (%)	19.19	19.66	18.79	17.68	17.69	17.89	17.60	17.12	17.23	17.70	17.20	16.38	16.33	17.29	17.20	16.57	17.19	17.71	17.17	16.97	17.79
Directivity (dB)	4.83	4.78	4.69	4.64	4.58	4.60	4.62	4.68	4.78	4.91	5.02	5.16	5.24	5.36	5.41	5.45	5.47	5.50	5.49	5.59	5.72
Peak Gain Position (Theta)	54.00	53.00	52.00	52.00	52.00	52.00	51.00	50.00	49.00	49.00	48.00	48.00	47.00	47.00	46.00	46.00	46.00	47.00	48.00	75.00	75.00
Peak Gain Position (Phi)	69.00	68.00	67.00	66.00	64.00	63.00	60.00	58.00	55.00	54.00	52.00	52.00	52.00	50.00	51.00	50.00	49.00	48.00	47.00	54.00	54.00
Efficiency ThetaPol (%)	4.80	4.83	4.53	4.21	4.18	4.22	4.16	4.08	4.09	4.15	4.00	3.79	3.78	3.99	3.96	3.78	3.89	4.03	3.92	3.84	3.97
Efficiency PhiPol (%)	14.38	14.83	14.26	13.47	13.51	13.67	13.44	13.04	13.15	13.55	13.20	12.58	12.55	13.30	13.24	12.80	13.30	13.69	13.25	13.13	13.82
Upper Hem. Efficiency (%)	12.01	12.35	11.84	11.16	11.15	11.31	11.15	10.90	11.04	11.45	11.20	10.75	10.80	11.50	11.49	11.09	11.49	11.85	11.46	11.32	11.84
Lower Hem. Efficiency (%)	7.18	7.31	6.96	6.52	6.54	6.58	6.45	6.22	6.19	6.26	6.00	5.62	5.54	5.78	5.71	5.48	5.69	5.86	5.70	5.65	5.95
TPO(H) 角度	12.20	12.04	11.91	11.85	11.80	12.10	11.93	11.98	12.26	12.32	12.46	12.63	12.62	12.48	12.33	12.22	11.99	11.72	11.54	11.38	11.60
Gain 15deg (dBi)	2.34	2.51	2.69	2.81	2.89	3.05	3.19	3.37	3.57	3.91	4.17	4.45	4.68	4.82	4.91	4.88	4.71	4.48	4.17	3.78	3.43
E1(XZ) 波瓣宽度	97.00	96.00	94.00	93.00	93.00	93.00	91.00	90.00	91.00	91.00	91.00	91.00	91.00	91.00	92.00	92.00	91.00	91.00	91.00	91.00	91.00
E1(XZ) 前后比	107.00	108.00	108.00	109.00	109.00	110.00	109.00	112.00	111.00	114.00	112.00	114.00	115.00	116.00	117.00	118.00	119.00	120.00	120.00	121.00	123.00
E2(YZ) 波瓣宽度	5.64	5.45	5.07	4.79	4.50	4.32	4.12	4.02	3.89	3.82	3.83	3.94	4.14	4.38	4.66	4.92	5.04	5.08	5.02	4.98	4.92
E2(YZ) 前后比	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
最大增益处轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
仰角10度最差(大)轴比(P)	92.00	93.00	93.00	95.00	97.00	98.00	104.00	110.00	113.00	114.00	113.00	111.00	108.00	106.00	103.00	101.00	98.00	95.00	93.00	92.00	91.00
Hc(XY) 波瓣宽度	4.25	4.12	3.98	3.86	3.75	3.81	3.67	3.58	3.57	3.61	3.61	3.65	3.75	3.90	4.07	4.33	4.53	4.75	4.88	4.92	4.89
Hc(XY) 前后比																					
Empty																					

