

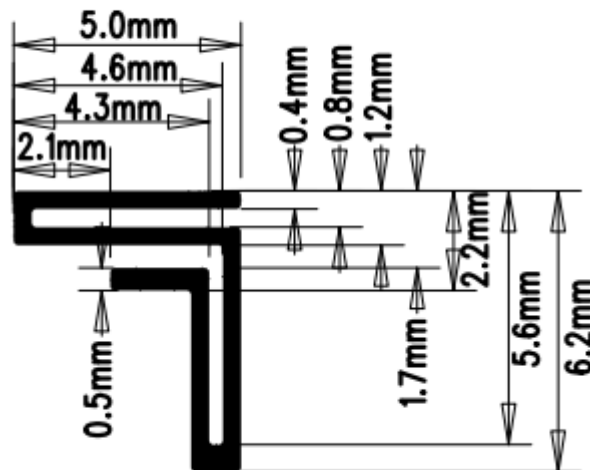
OTA Antenna Specifications

1. Summary

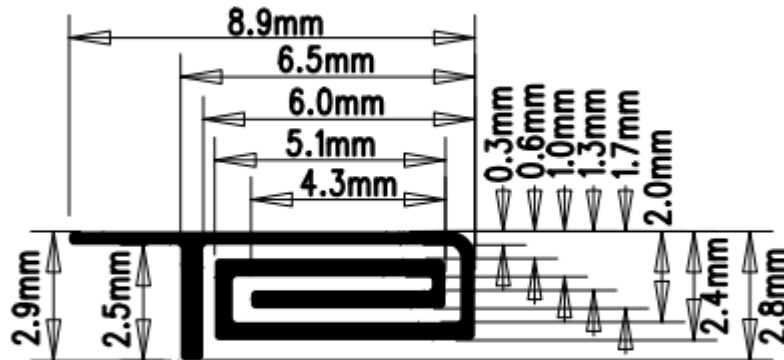
Manufacturer	Shenzhen Huaxinwei Communication Technology Co., Ltd.
Address	203, Building C, Chuangwei Innovation Valley, No.1 Tangtou Road, Tangtou Community, Shiyan Street, Bao'an District, Shenzhen, China
Model	DGWD301

2. Antenna Dimensions

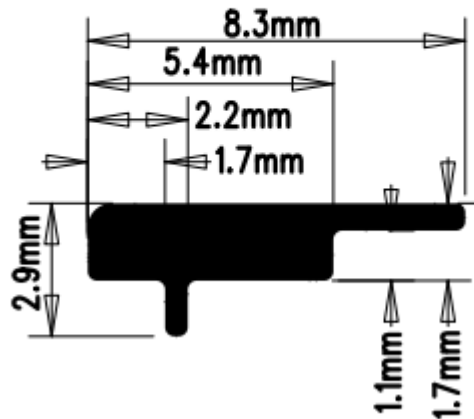
BT_ANT



WIFI_2G4_ANT



WIFI_5G_ANT



3. Antenna Passive Parameters

Antenna Passive Antenna and Efficiency

BT

Passive Test For 2.4G			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	27.01	-5.69	0.44
2410	28.9	-5.39	0.8
2420	28.97	-5.38	0.68
2430	28.36	-5.47	0.51
2440	27.27	-5.64	0.19
2450	24.87	-6.04	-0.48
2460	23.77	-6.24	-1.03
2470	22.39	-6.5	-1.55
2480	22.04	-6.57	-1.85
2490	22.28	-6.52	-1.93
2500	22.05	-6.57	-2.08

WIFI/2.4G

Passive Test For 2.4G			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	14.48	-8.39	-3.62
2410	14.05	-8.52	-3.84
2420	13.92	-8.56	-3.58
2430	13.98	-8.55	-2.9
2440	14.27	-8.46	-2.99
2450	13.97	-8.55	-2.84
2460	15.01	-8.24	-2.69
2470	15.66	-8.05	-2.55
2480	17.37	-7.6	-2.39
2490	19.71	-7.05	-1.92
2500	21.83	-6.61	-1.78

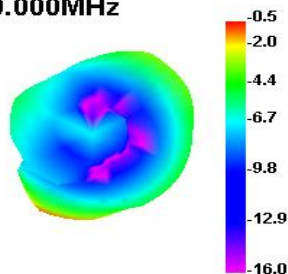
WIFI/5G

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5000	29.22	-5.34	-0.35
5040	23.73	-6.25	-1.91
5080	27.04	-5.68	-1.56
5120	27.21	-5.65	-1.82
5160	21.34	-6.71	-2.68
5200	18.63	-7.3	-2.23
5240	18.27	-7.38	-2.05
5280	16.28	-7.88	-2.48
5320	18.62	-7.3	-2.61
5360	16.8	-7.75	-2.82
5400	22.85	-6.41	-1.65
5440	19	-7.21	-2.73
5480	20.38	-6.91	-1.81
5520	22.6	-6.46	-1.74
5560	25.78	-5.89	-1.19
5600	22.39	-6.5	-1.58
5640	20	-6.99	-2.59
5680	21.1	-6.76	-2.33
5720	28.28	-5.49	-1.17
5760	28.53	-5.45	-1.62
5800	28.04	-5.52	-1.83

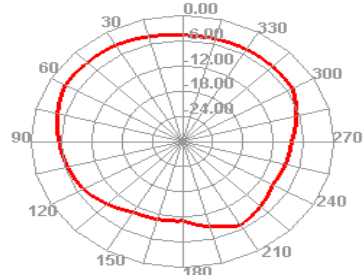
Antenna 2D/3D Radiation Pattern

BT

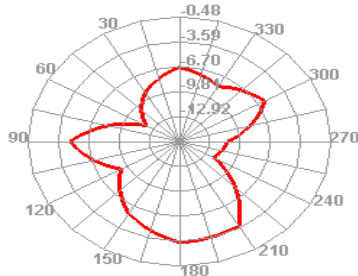
2450.000MHz



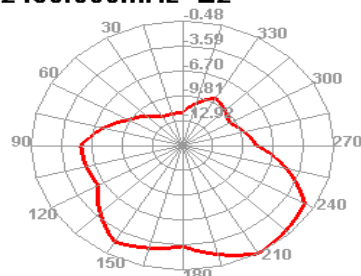
2450.000MHz H



2450.000MHz E1

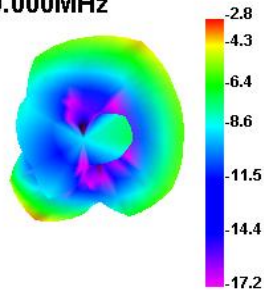


2450.000MHz E2

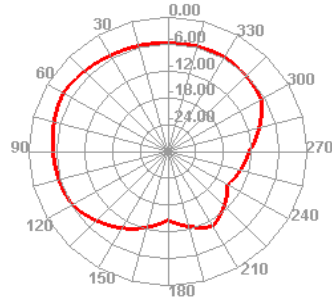


WIFI/2.4G

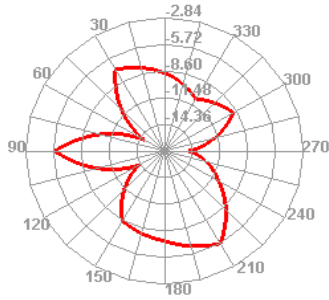
2450.000MHz



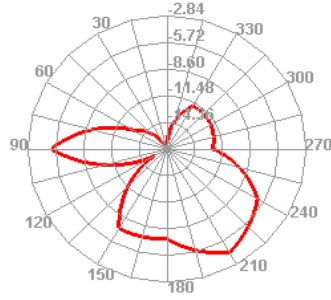
2450.000MHz H



2450.000MHz E1

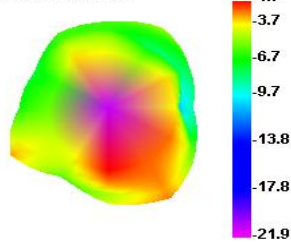


2450.000MHz E2

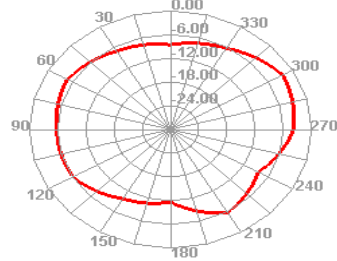


WIFI/5G

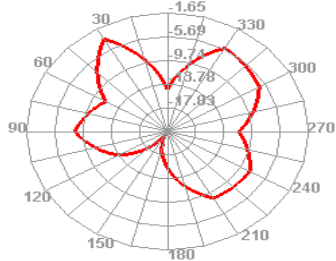
5400.000MHz



5400.000MHz H



5400.000MHz E1



5400.000MHz E2

