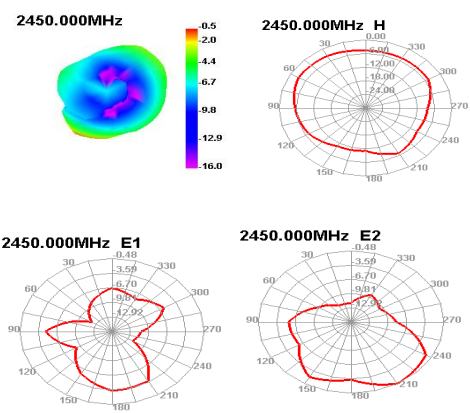


OTA Antenna Test Report

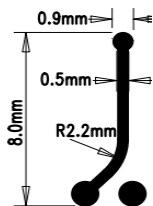
Customer	Suding	Test Date	2026.07.30	Test Engineer	Xu Maosen
Project Name	DGSD231	Test Result	Pass	Contact	18520807601
Manufacturer	Shenzhen Huaxinwei Communication Technology Co., Ltd.				
Manufacturer Address	Room 203, Building 5C, Chuangweixingu, Shiyan Subdistrict, Bao'an District, Shenzhen				
Test Conditions	Ambient temperature: 21℃, Humidity: 50%RH				
Test Equipment	SATIMO-OTA Lab; CMW500; MT8000; E5071C, etc.				
Test Ambient	Temperature: 25℃ Humidity: 40%RH				
Decision Criteria	See TRP/TIS failure criteria table below				
Summary:					

BT (Bluetooth)

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

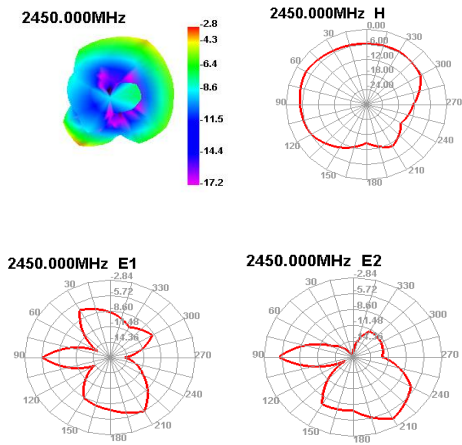


BT_ANT

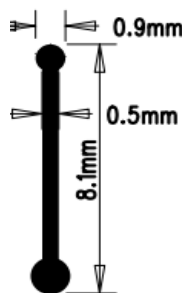


WiFi 2.4G

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_2G4_ANT

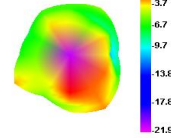


WiFi 5G

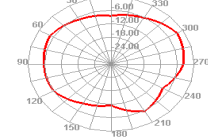
Passive Test For 5G

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

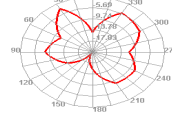
5400.000MHz



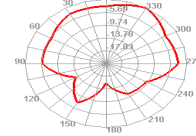
5400.000MHz H



5400.000MHz E1



5400.000MHz E2



WIFI_5G_ANT

