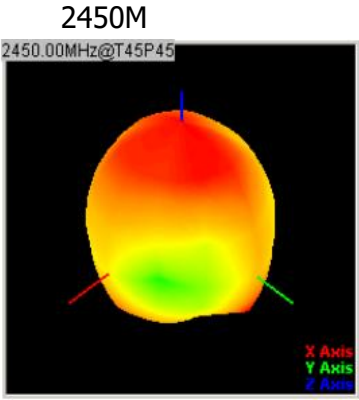
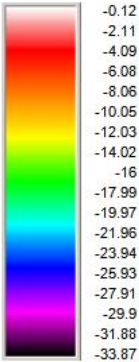


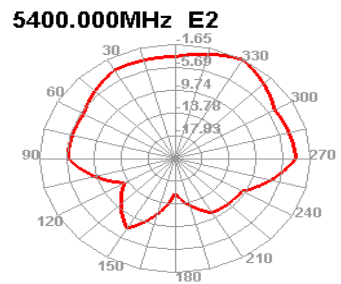
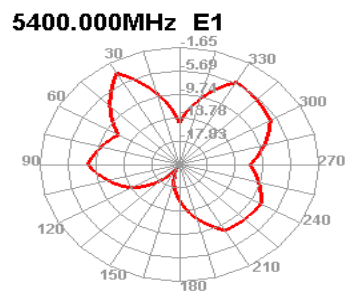
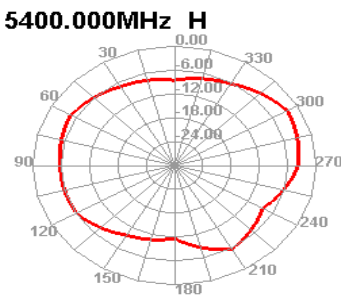
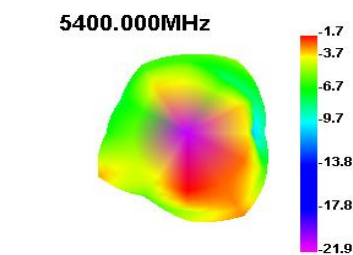
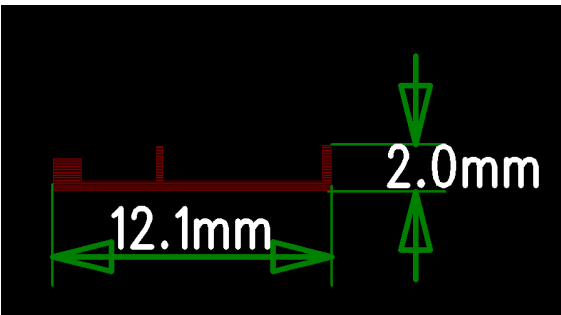
Shenzhen Saiwei Communication Technology Co., Ltd.					
OTA Antenna Test Report					
customer name	SD	Test date	2026.03.23	Quality Testing Engineer	HE QIMEN
project name	DGSD251-WIFI-board-mounted antenna	test result	PASS	contact number	13728869656
Test Conditions	Humidity: 50%, Temperature: 21℃,				
Antenna manufacturer	shenzhen sunwin Telecommunication Technology Co., LTD				
Manufacturer address	Room 401, Building 211, Taoran Industrial and Trade Park, Chegongmiao, Futian District, Shenzhen				
Test Equipment	SATIMO-OTA; CMW500; MT8000; E5071C, SATIMO-OTA Lab,				
Test Ambient	(Temperature):__25__℃ (Humidity):__40__RH				
Decision criteria	Look at the table of TRP and TIS				

WIFI/2.4G

Passive Test For 2.4G			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	25.1	-3.12	-0.87
2410	26.4	-3.31	-0.75
2420	27.5	-3.51	-0.56
2430	28.6	-3.74	-0.21
2440	30.4	-3.97	-0.13
2450	31.5	-4.21	-0.12
2460	30.1	-3.84	-0.16
2470	29.4	-3.61	-0.24
2480	28.1	-3.45	-0.31
2490	27.2	-3.31	-0.59
2500	26.4	-3.12	-0.87



WIFI/5G			
Passive Test For 5G			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5000	23.4	-5.56	-1.29
5040	23.4	-5.51	-1.27
5080	24.5	-5.45	-1.25
5120	25.1	-5.24	-1.21
5160	26.1	-5.12	-1.12
5200	23.4	-5.88	-1.23
5240	22.1	-6.21	-1.32
5280	21.8	-6.54	-1.35
5320	20.4	-6.67	-1.45
5360	20.1	-6.71	-1.51
5400	19.4	-6.82	-1.56
5440	18.7	-7.11	-1.62
5480	18.2	-7.32	-1.71
5520	21.5	-6.99	-1.69
5560	22.5	-6.84	-1.68
5600	23.4	-6.77	-1.64
5640	24.1	-6.12	-1.61
5680	24.6	-5.94	-1.57
5720	25.4	-5.91	-1.56
5760	25.8	-5.88	-1.55
5800	26.1	-5.46	-1.53



THANKS!

Sunwin - Strive for the distant future, and maintain eternity!