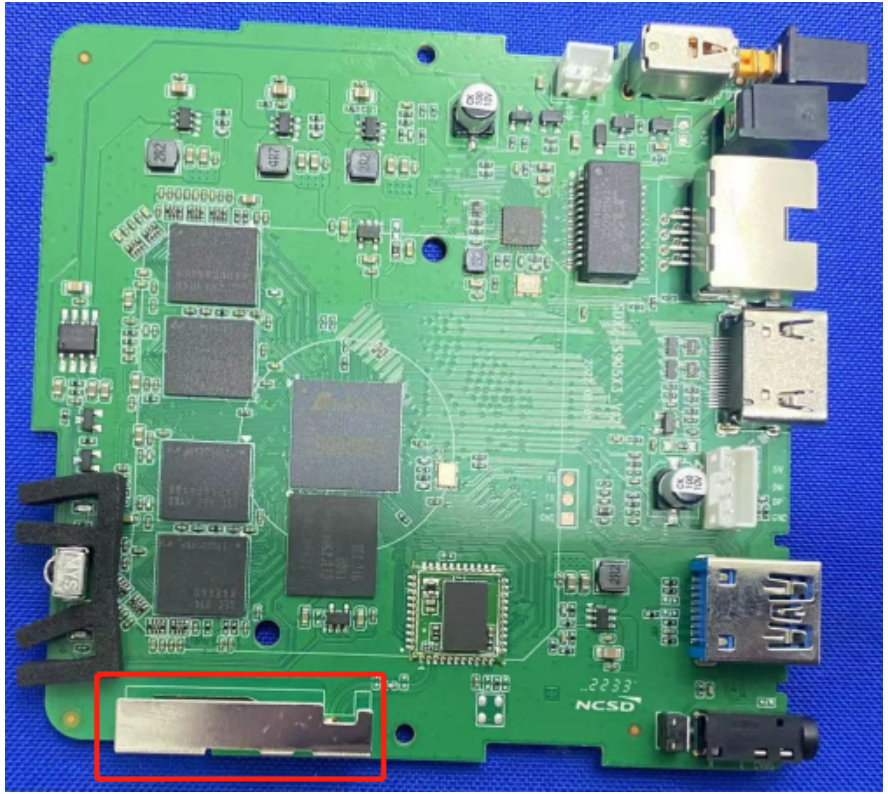
Antenna Test Report

Manufacturer:Shandong Yihang Electronic Technology Development Co., Ltd.
Address: Room 1703, Unit 1, Building 1, Fortune 1 Plaza, Huaiyin District, Jinan City, Shandong Province, China



Antenna pattern

Wi-Fi :2.4GWIFI

Freq	Gain/dBi	Efficiency/%
2400	0.29	46.50820613
2410	0.32	44.93282726
2420	0.03	40.73168047
2430	-0.41	38.84972519
2440	-0.49	40.47400693
2450	-0.37	41.09234155
2460	-0.28	41.41012055
2470	-0.19	41.80703001
2480	-0.19	41.45684023
2490	-0.36	41.12070652
2500	-0.36	41.77291709

Wi-Fi :5GWIFI

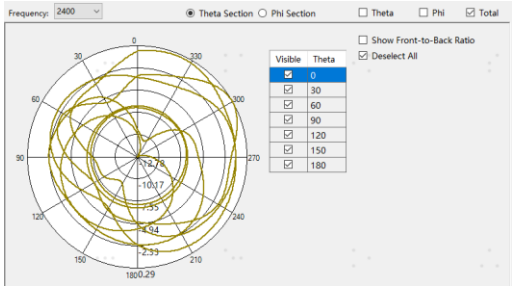
Freq	Gain/dBi	Efficiency/%
5100	2.76	68.40829474
5200	1.90	63.58893161
5300	2.13	65.3587445
5400	1.64	57.89320606
5500	0.71	46.28153106
5600	-0.50	40.35851346
5700	-1.15	37.13671164
5800	-1.65	31.91178511
5900	-2.31	28.75539349
6000	-3.71	21.92146961

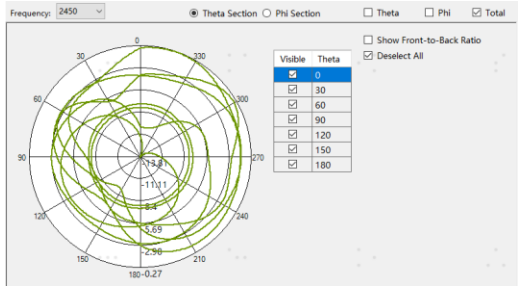
BT:

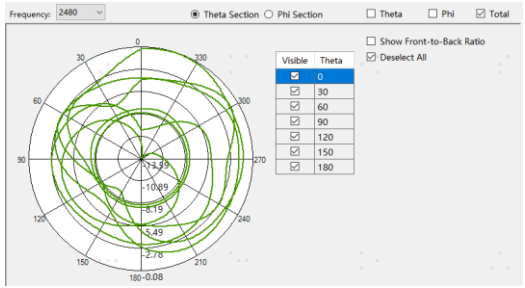
Freq	Gain/dBi	Efficiency/%
2400	-5.95	9.820468934
2410	-5.36	10.89751536
2420	-5.06	11.41625199
2430	-4.86	12.28491805
2440	-4.30	14.79126626
2450	-3.53	17.60723887
2460	-2.99	20.08454949
2470	-2.39	22.97109296
2480	-1.91	25.75370051
2490	-1.54	27.99855353
2500	-0.76	32.32031625

WiFi 2.4G

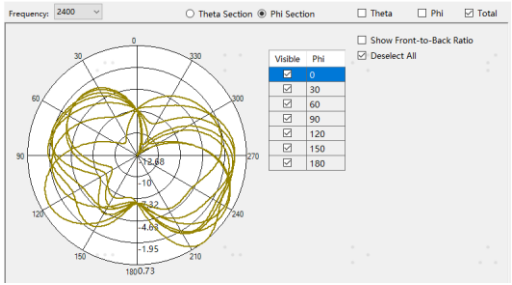
Theta Section

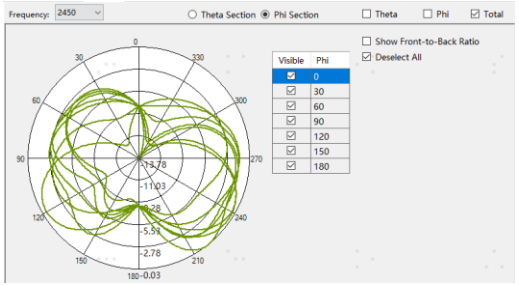


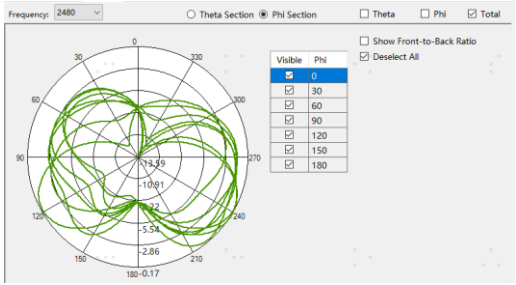




Phi Section

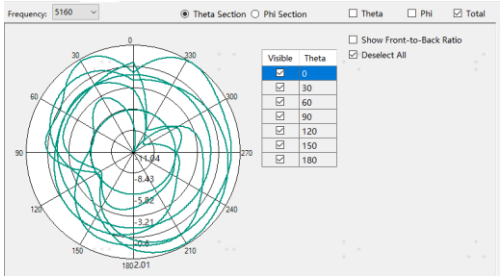


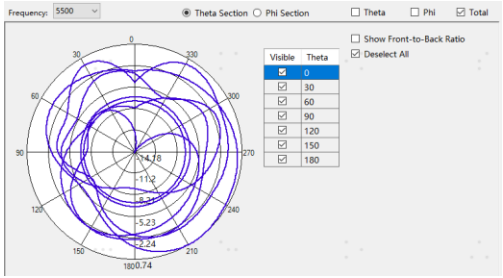


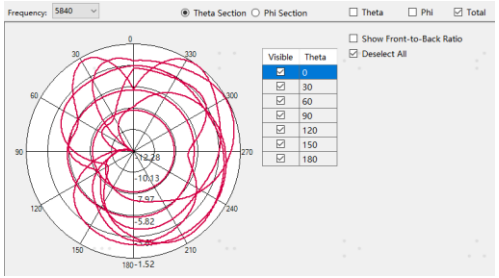


WiFi 5G

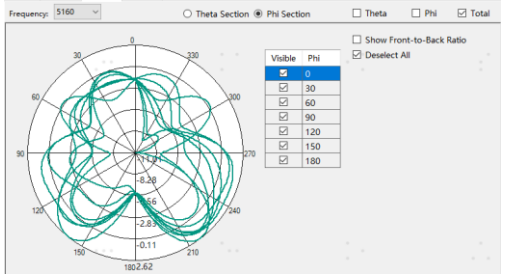
Theta Section

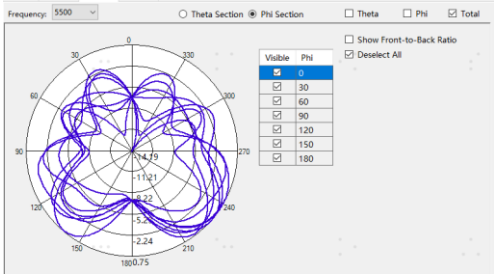


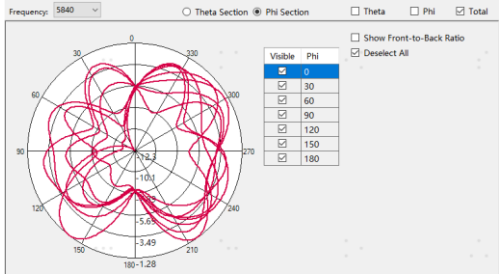




Phi Section

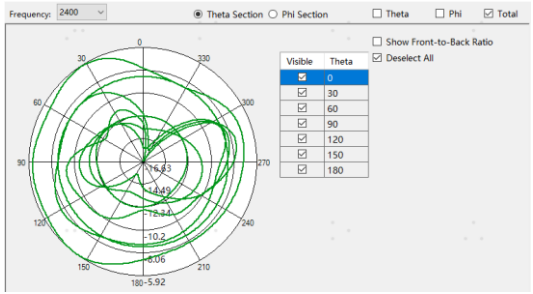


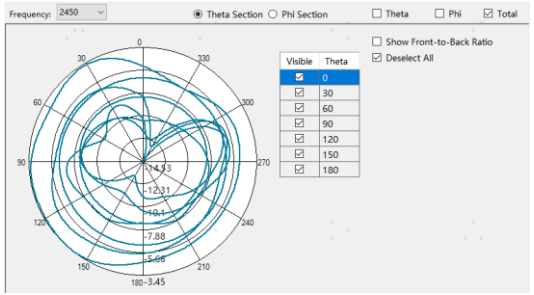


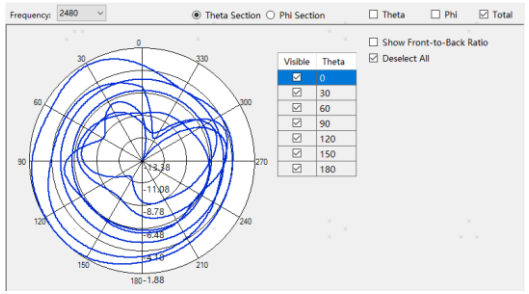


BT 2.4G

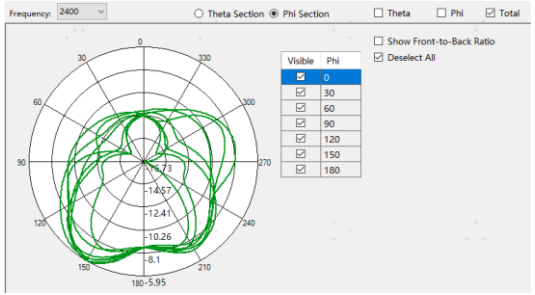
Theta Section

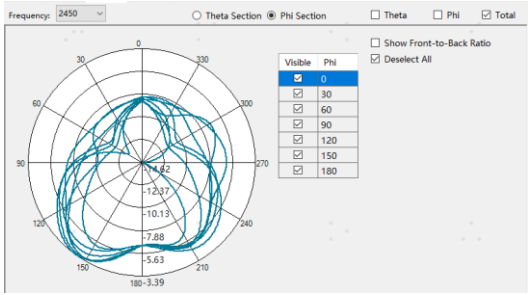


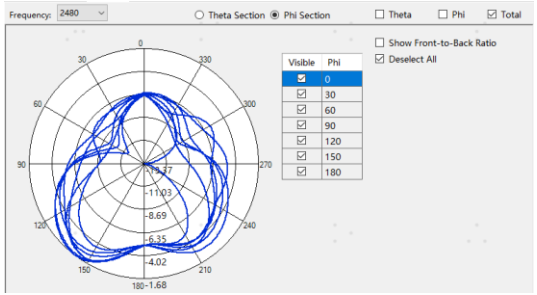




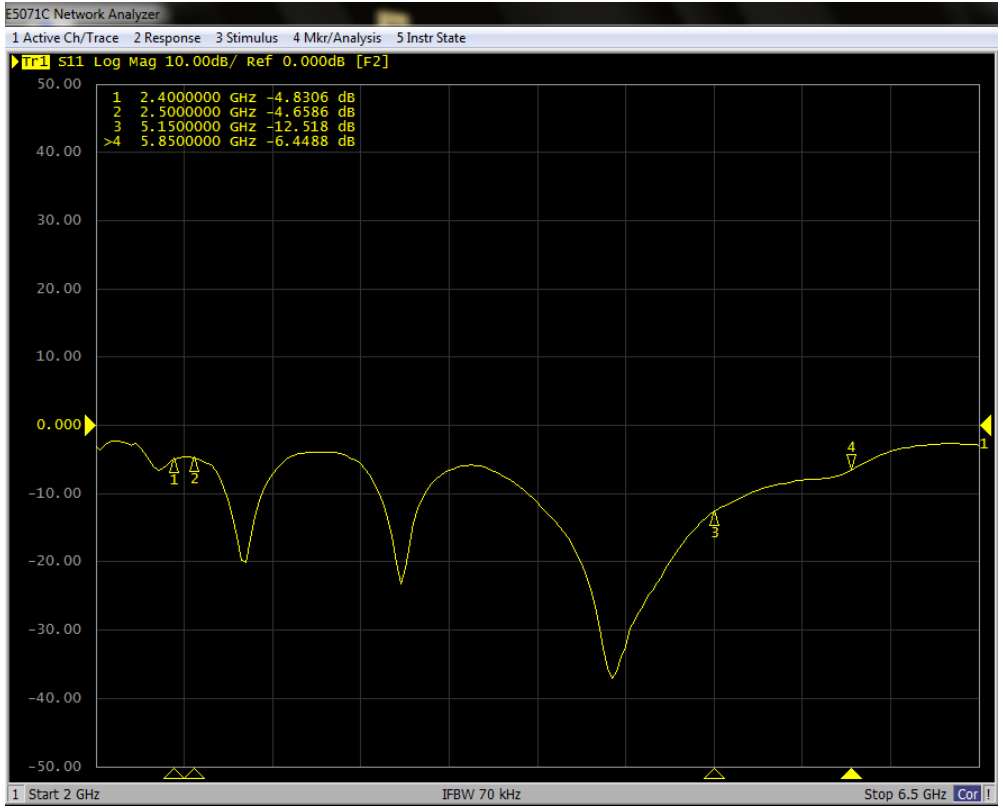
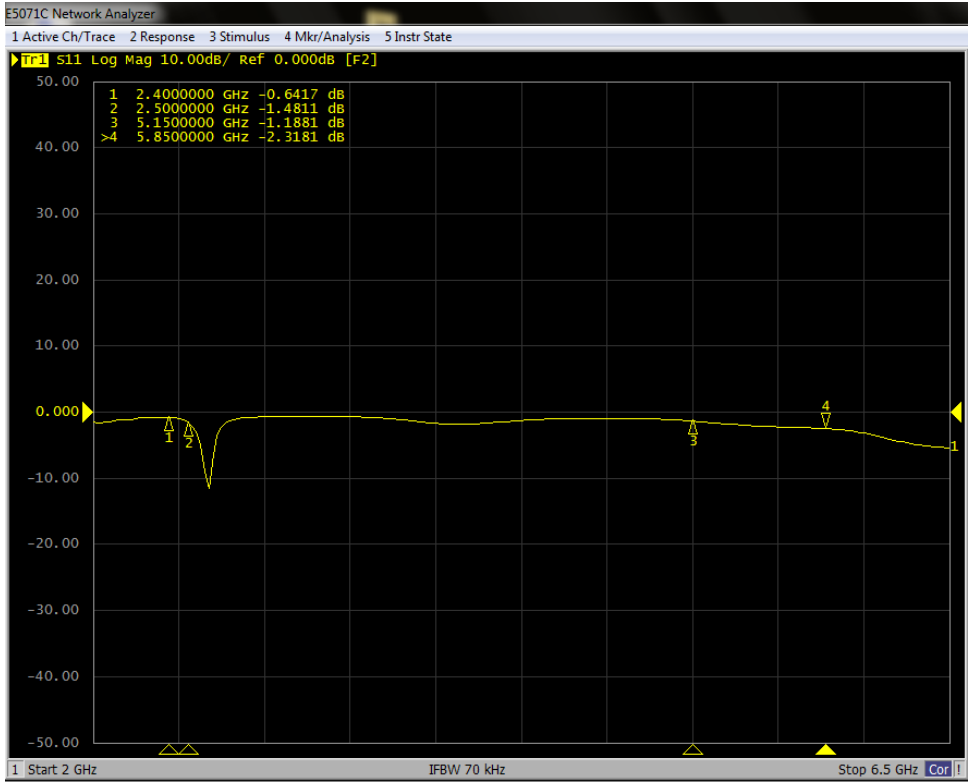
Phi Section







WiFi
2.4G :
L : -5dB M:-5dB H:-5dB
5G:
L : -12dB M:-9dB H:-6dB



BT
2.4G :
L : -1dB M:-1dB H:-1.5dB