

ANWEI commnuication Equipment Co.,Ltd

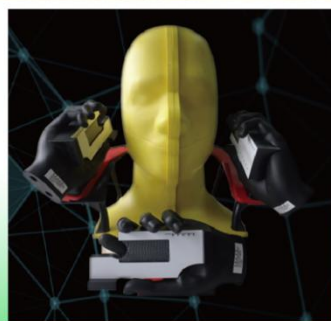
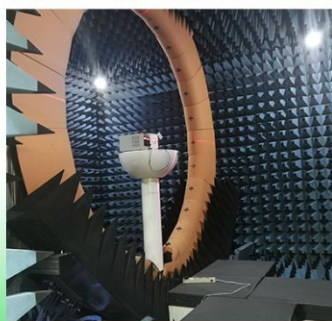
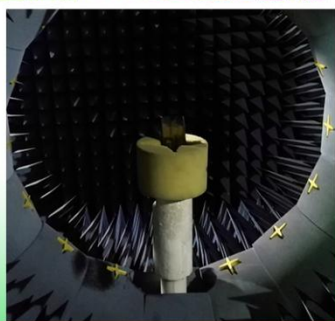
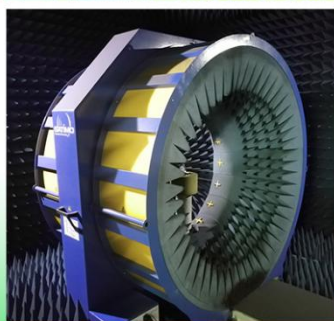
APPROVAL SHEET

Customer	Youmi	Specs	TG3DBG1MA
Part Number	G3 Tab Ultra-5GWIFI/GPS/2.4GWI FI-AW-V0.2	Frequency Band	2.4G WIFI/BT/5G WIFI
Color	Black	Edition	REV:A0
Salesperson	Mr.Xie	Design	Huanghe
Structure	QIN YUN LIN		
Date	2024/1/9		

Customer confirmation:

ANT Manufacturers: ANWEI commnuication Equipment Co.,Ltd
Address:2nd Floor, East Block, Building 5, Yifenghua Innovation Industrial Park, Huaning Road, Dalang Street, Longhua District, Shenzhen City, Guangdong Province

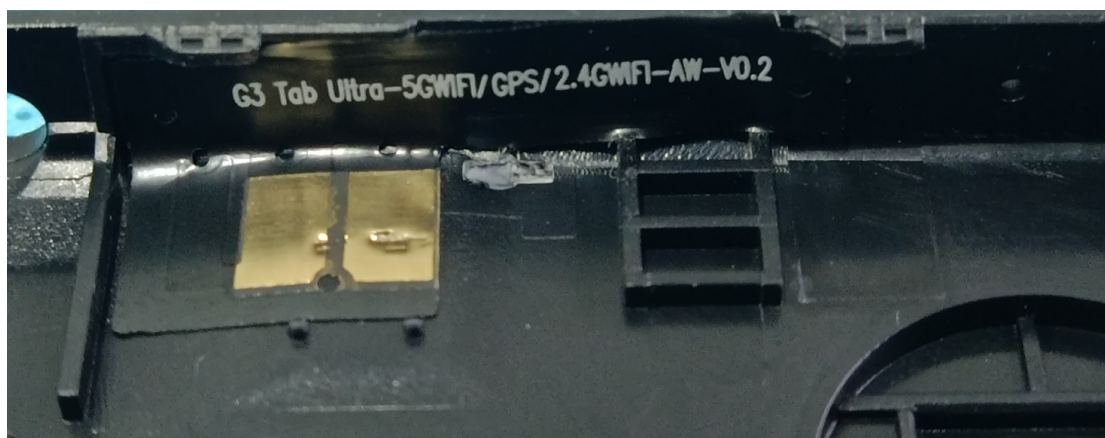
Project development environment



安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的的产品以及技术服务！

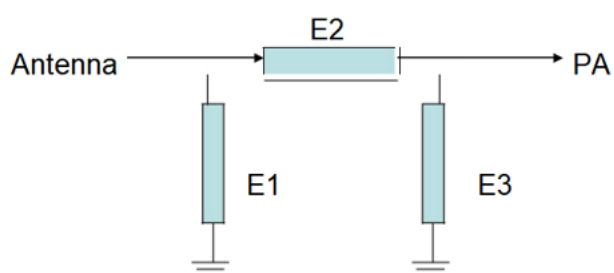
“质量第一，服务至上”是安威一直以来的发展宗旨

(WIFI/BT antenna) + (2.4G/5G WIFI/BT antenna)



(Working frequency band of 5GWiFi antenna) : 2400~2500,5150MHZ~5850MHZ

(Matcheing network)

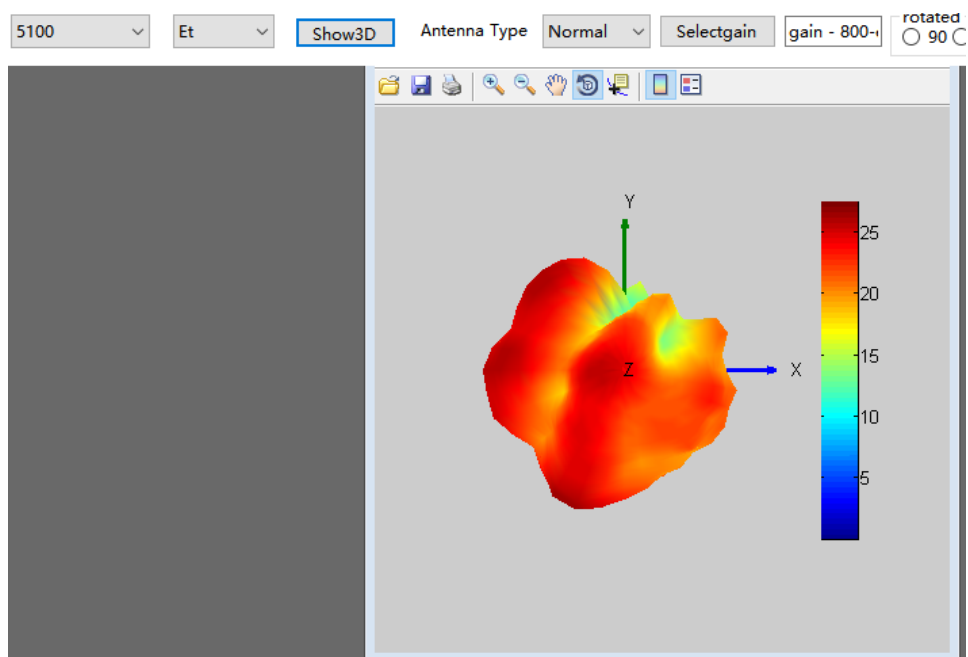
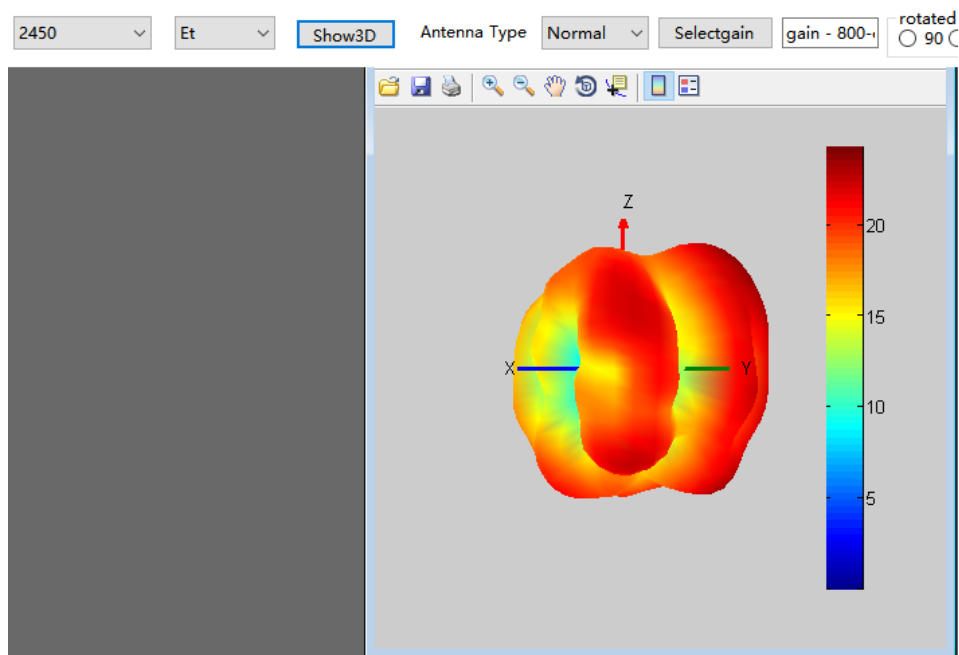


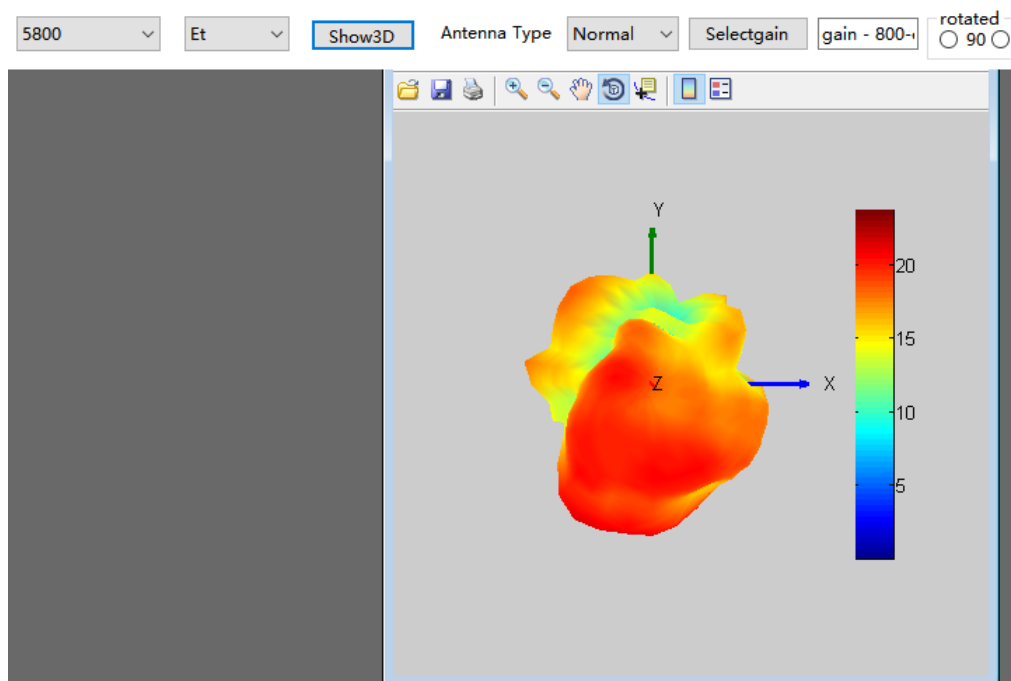
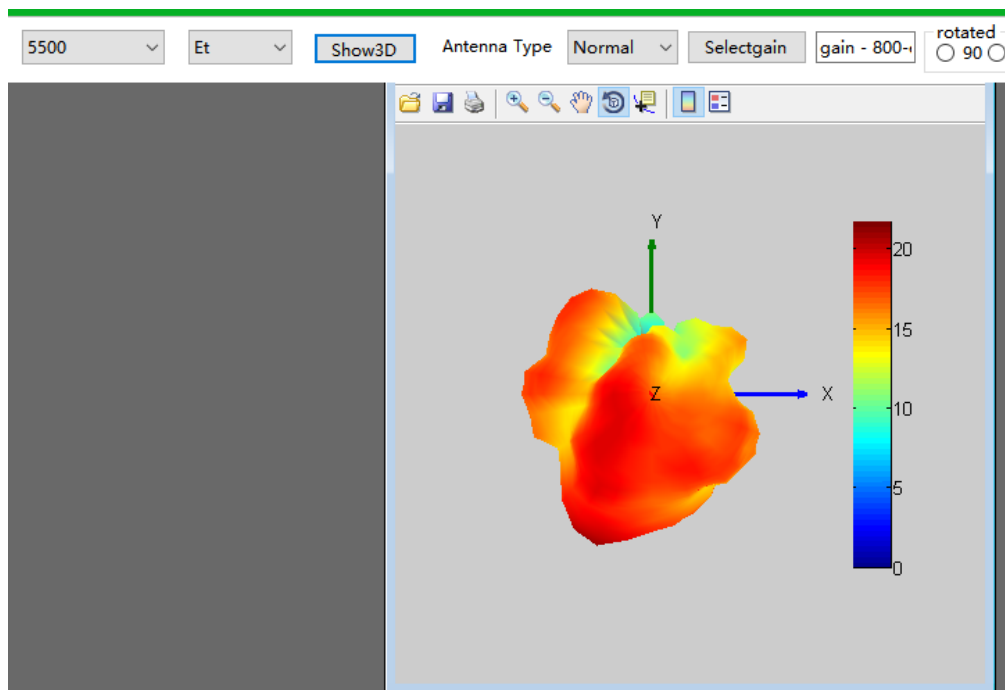
Element	Value
E1	NC
E2	0Ω
E3	NC

Gain&Efficiency 增益和效率				
frequency 频率 (MHz)	gain 增益 (dBi)	mingain 最小增益(dBi)	efficiency 效率(dBi)	efficiency 效率(%)
2400	1.4	-22.74	-3.6	43.62
2410	0.95	-21.18	-3.93	40.50
2420	1.37	-21.37	-3.45	45.18
2430	1.27	-20.27	-3.52	44.50
2440	1.38	-21.44	-3.67	42.96
2450	1.44	-22.85	-3.75	42.14
2460	1.43	-23.96	-3.6	43.69
2470	1.29	-25.1	-3.53	44.32
2480	0.92	-24.94	-3.91	40.69
5100	2.8	-24.71	-2.96	50.61
5200	3.84	-21.89	-2.68	53.93
5300	2.94	-25.24	-3.06	49.41
5400	4.46	-23.89	-3.04	49.69
5500	2.92	-18.81	-2.96	50.53
5600	3.37	-22.01	-3.29	46.84
5700	3.44	-22.96	-2.66	54.15
5800	3.64	-20.13	-2.86	51.79

天线增益(Antenna gain)

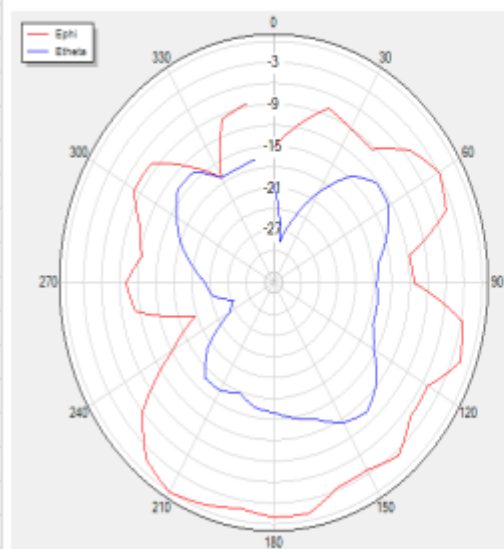
Standard	Band	Frequency	Gain(dbi)
5GWIFI		5200	3.84
5GWIFI		5400	4.46
5GWIFI		5800	3.64
2.4GWIFI		2450	1.44
BT		2450	1.44



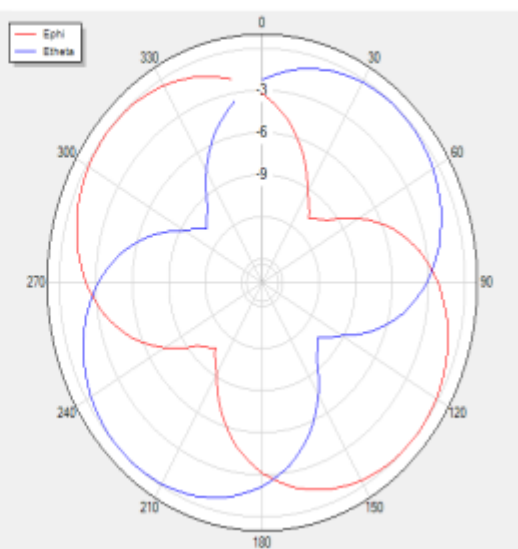


WIFI/BT antenna PolarGraphs

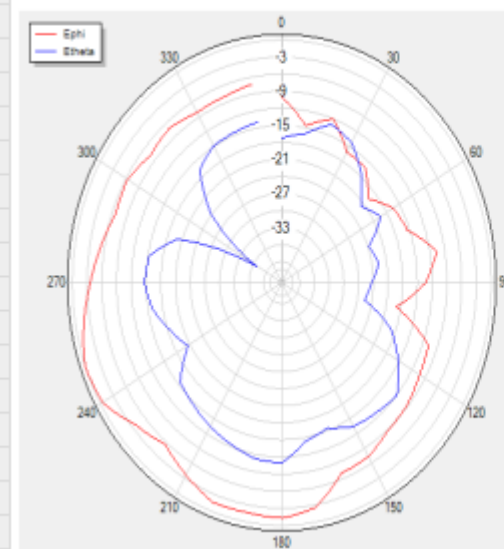
H Theta=90 freq=2450MHz



H Theta=0 freq=2450MHz



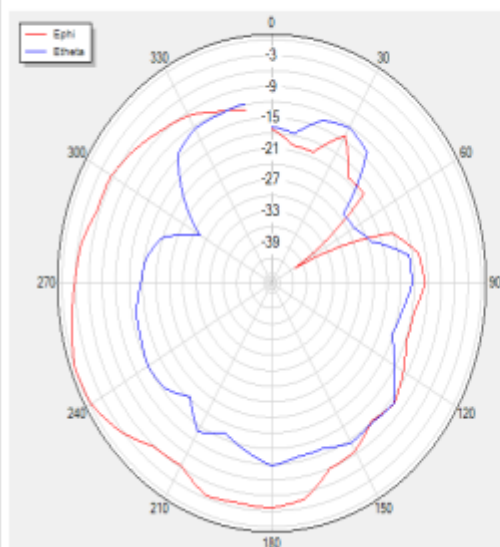
H Theta=90 freq=5100MHz



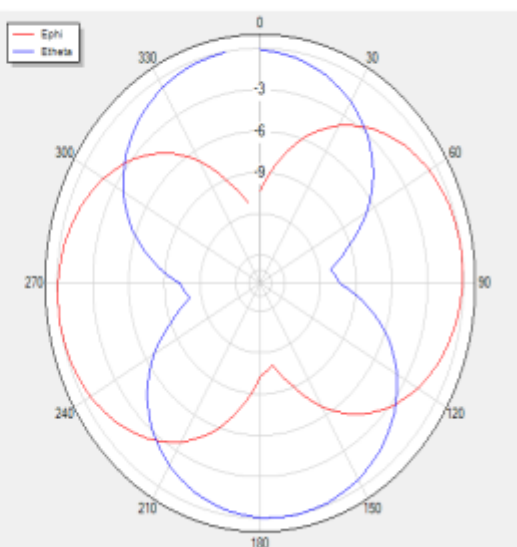
H Theta=0 freq=5100MHz



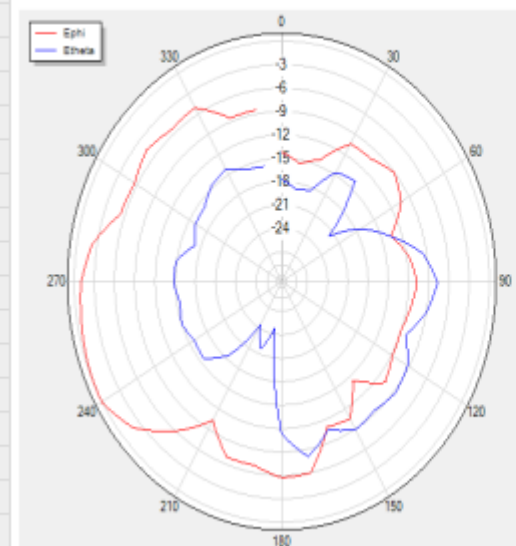
H Theta=90 freq=5400MHz



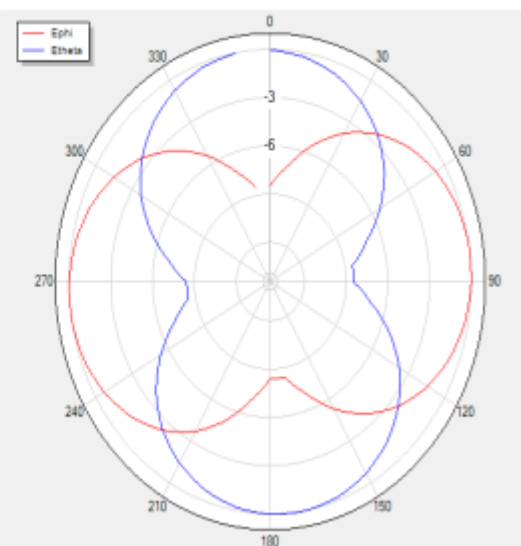
H Theta=0 freq=5400MHz



H Theta=90 freq=5800MHz

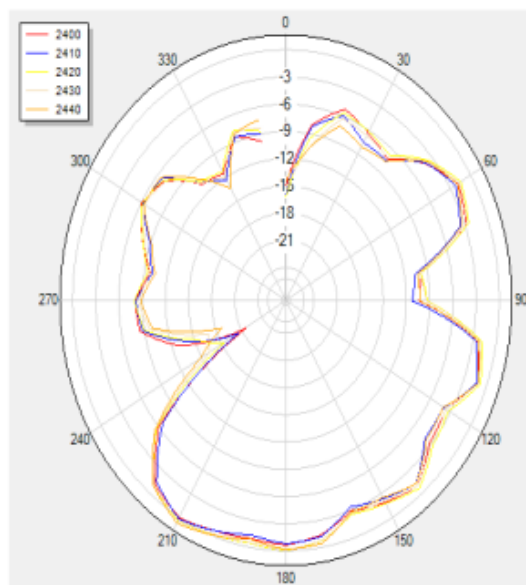


H Theta=0 freq=5800MHz

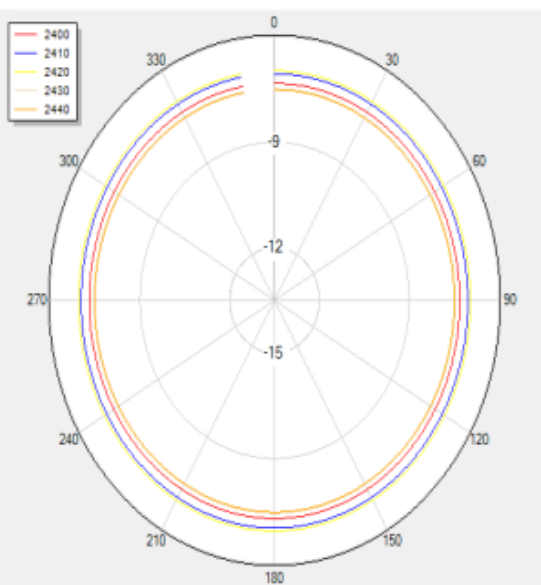


WIFI/BT antenna EtotGraphs

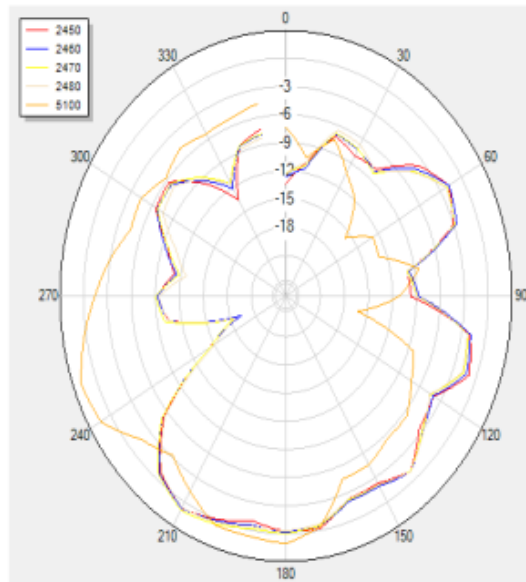
H Theta=90



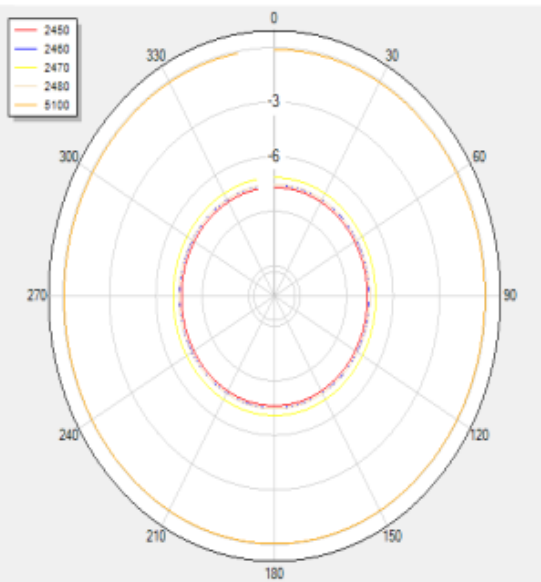
H Theta=0



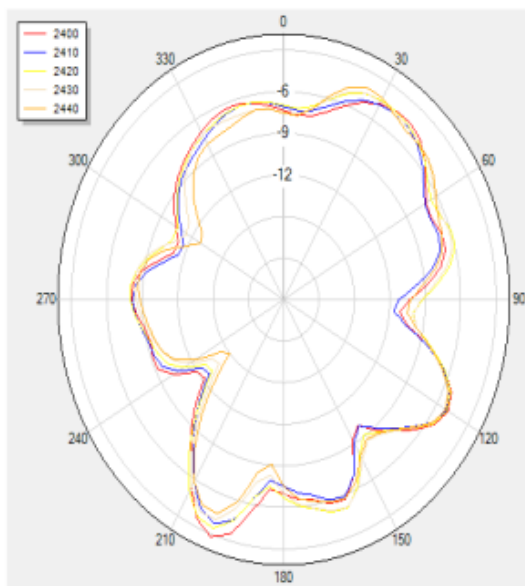
H Theta=90



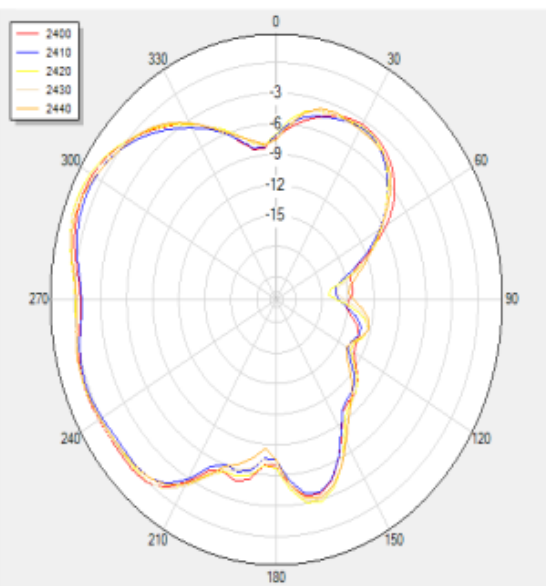
H Theta=0



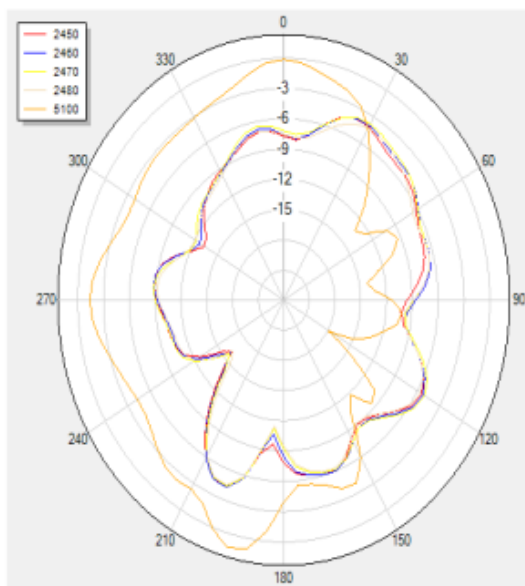
V Phi=90



V Phi=0



V Phi=90



V Phi=0

