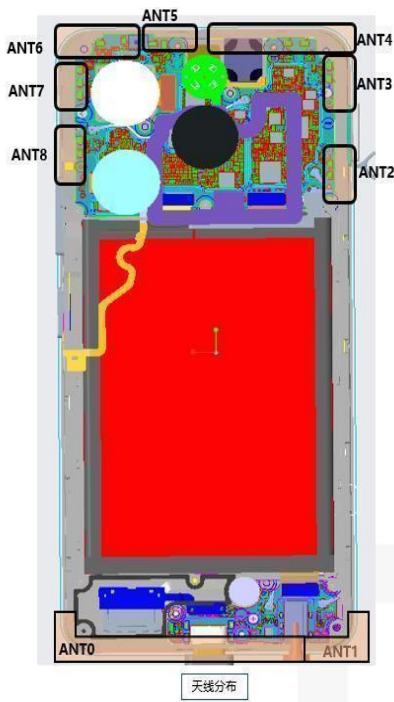


Electric Specifications

TYPE	
Transmitter Frequency	LTE 12/17/28 NR N12/28: 699-748MHz
	GSM850/WCDMA B5/LTE B5/20 NR N5/N20:824-862MHz
	GSM 900/WCDMA B8/LTE B8 NR N8:880-915MHz
	DCS 1800/WCDMA B4/LTE B3/4/66 NR N3/66:1710-1785MHz
	WCDMA B1/LTE B1 NR N1:1920-1980MHz
	PCS 1900/WCDMA B2/LTE B2 :1850-1910MHz
	LTEB7/38/41 NR N7/38/41:2500-2570MHz
	LTE B40 NR N40:2300-2400MHz
	NR N77/N78 LTE B42:3300-4200MHz
Received Frequency	LTE 12/17/28 NR N12/28:758-803MHz
	GSM850/WCDMA B5/LTE B5/20 NR N5/N20:858-894MHz 791-821MHz
	GSM 900/WCDMA B8/LTE B8 NR N8:925-960MHz
	DCS 1800/WCDMA B4/LTE B3/4 NR N3/66 2110-2155MHz
	WCDMA B1/LTE B1/B66 NR N1:2110-2200MHz
	PCS 1900/WCDMA B2/LTE B2:1930-1990MHz
	LTEB7/38/41 NR N7/38/41:2555-2685MHz
	LTE B40 NR 40:2300-2400MHz
	NR B77/B78 LTE B42:3300-4200MHz
RF-Output Power (E. I. R. P)	GSM850/900:33+/-2dbm
	DCS/PCS:30+/-2dbm
	WCDMA B1/2/4/5/8 23+/-2dbm
	LTE B1/2/3/4/5/7/8/12/17/20/28/66/38/40/41:23+/-2dbm
	NR N1/3/5/7/8/12/20/28/66/38/40/41/77/78/:23+/-2dbm
Antenna Gain(Peak Gain)	LTE 12/17/28 NR N12/28:-2.35
	GSM850/WCDMA B5/LTE B5/20 NR N5/20:-5.38
	GSM 900/WCDMA B8/LTE B8 NR N8:-4.49
	DCS1800/WCDMA B4/LTE B3/4/66 NR N3/66:-2.07
	WCDMA B1/LTE B1 NR N1:-3.14
	PCS 1900/WCDMA B2/LTE B2:-3.16
	LTEB7/38/41 NR N7/38/41:0.05
	LTE B40 NR N40:-0.3
	GPS:-2.2
	BT/WIFI 2.4G:1.49
WIFI 5G:1.52	
NR B77/78/LTE B42:-0.7	
Type of Modulation	GMSK/8PSK(GSM)
	QPSK/16QAM/64QAM(DL Only) (WCDMA/dual-cell HSDPA/HSUPA)
	QPSK/16QAM/64QAM/256QAM(DL Only)(LTE)

	QPSK/16QAM/64QAM/256 QAM(NR) BPSK/QPSK/16QAM/64QAM/256QAM/DSSS/OFDM/ CCK (WIFI 2.4GHz and 5GHz b/g/n/a/ac) GFSK/ π /4-DQPSK/ 8-DPSK(Bluetooth)
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Antenna size



Ref.	Antenna	选型
ANT0	TRX: LB+MB	MXD8548DKC
ANT1	TRX:HB DRX MIMO: UHB+LTE B42	
ANT2	DRX: UHB +LTE B42	
ANT3	PRX-MIMO:M/HB	CAN8A41
ANT4	DRX: LB+MB+HB TRX: B41HUPE+B41+NR 38/40/41	MXD8548DKC
ANT5	UHB TRX +LTEB42	
ANT6	BT/2.4G/5G/GPS	
ANT7	DRX MIMO:M/HB	CAN8A41
ANT8	PRX MIMO:UHB+LTEB42	
LB	GSM: G850, G900 WCDMA: B5, B8 LTE: B5, B8, B20, B28, B12, B17	
MB	GSM: G1800, G1900 WCDMA: B1, B2, B4 LTE: B1, B2, B3, B4, B66,	
HB	LTE: B7, B38, B40, B41full (HPUE)	
UHB	N77, N78, B42	
NR	n1 n3 n5 n7 n8 n12 n20 n28 n66 n38 n40 n41 n77 n78	

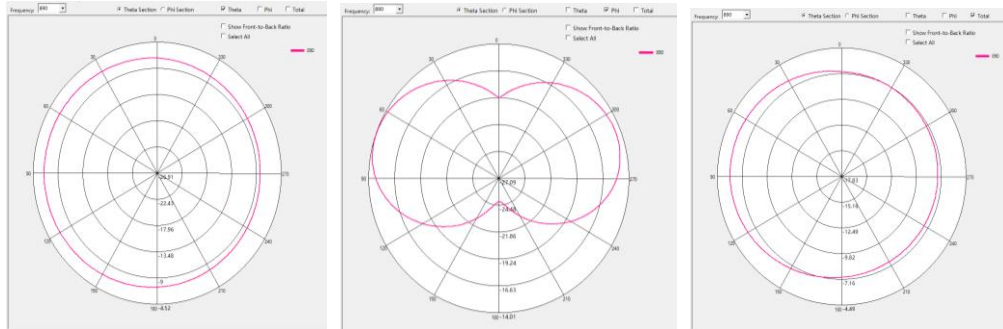
Antenna	Support Band
ANT0(TRX)	2G: B5 B8 B2 B3 3G :B1 B2 B4 B5 B8 4G:FDD B2 B3 B4 B5 B8 B12 B17 B20 B28 B66 5G: N3 N5 N8 N12 N20 N28 N66
ANT1(TRX+DRXMIMO)	4G:FDD B7 TDD B38 B40 5G:N7 N38 N77 N78
ANT2(DRX)	5G:N77 N78 4G: B42
ANT3(DRXMIMO)	4G:B1 B3 B4 B7 B66 B38 B40 B41 5G: N1 N3 N4 N7 N66 N38 N40 N41
ANT4(PRX)	2G:B5 B8 B2 B3 3G :B1 B2 B4 B5 B8

	4G:FDD B1 B2 B3 B4 B5 B7 B8 B12 B17 B20 B28 B66 TDD:B38 B40 B41
ANT5(TRX)	5G:N77 N78 4G: B42
ANT6	GPS WIFI2.4/5G
ANT7(DRXMIMO)	4G:B1 B3 B4 B7 B66 B38 B40 B41 5G: N1 N3 N4 N7 N66 N38 N40 N41
ANT8(PRXMIMO)	5G:N77 N78

<p>Project Name: X6838 Company:Huizhou SPEED Wireless Technology Co., Ltd. Address: No. 138, huize Road, Dongjiang Hi-tech Industrial Park, zhongkai High-Tech Zone, Huizhou City, Guangdong Province</p>		
Antenna Name	Model	Part Number
ANT0:TRX: LB+MB	X6838-ANT0	X6838-AN0 Antenna
ANT1:TRX:HBDRX MIMO: UHB+LTE B42	X6838-ANT1	X6838-AN1 Antenna
ANT7:DRX MIMO:M/HB ANT8: PRX MIMO:UHB+LTEB42	X6838-ANT7&ANT8	X6838-AN7/ANT8 Antenna
<p>Project Name: X6838 Company: Haitong communications electronic Limited Address: No. 1607, Binhai Park, Wenzhou, Zhejiang</p>		
Antenna Name	Model	Part Number
ANT2: DRX: UHB +LTE B42 ANT3: PRX-MIMO:M/HB	X6838-HT-ANT2/3	X6838 ANT2/3
ANT4: DRX: LB+MB+HB TRX:B41HUPE+B41+NR 38/40/41	X6838-HT-ANT4	X6838 ANT4
ANT5: UHB TRX +LTEB42 ANT6: BT/2.4G/5G/GPS	X6838-HT-ANT5/6	X6838 ANT5/6

ANTO

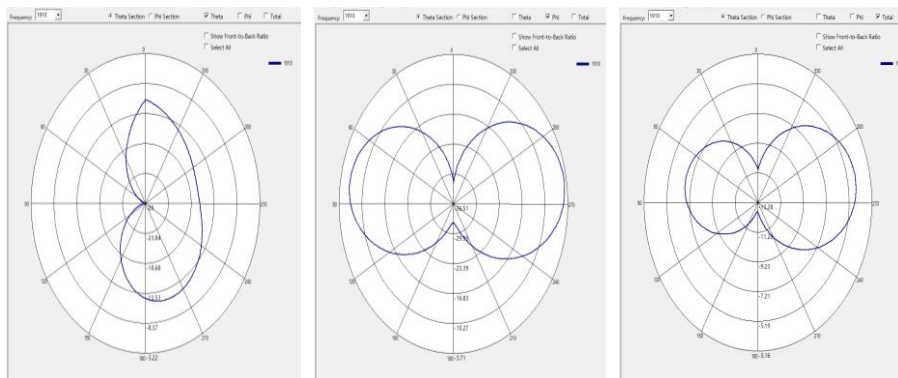
band	Gain
G900/W8/B8/N8	-4.49



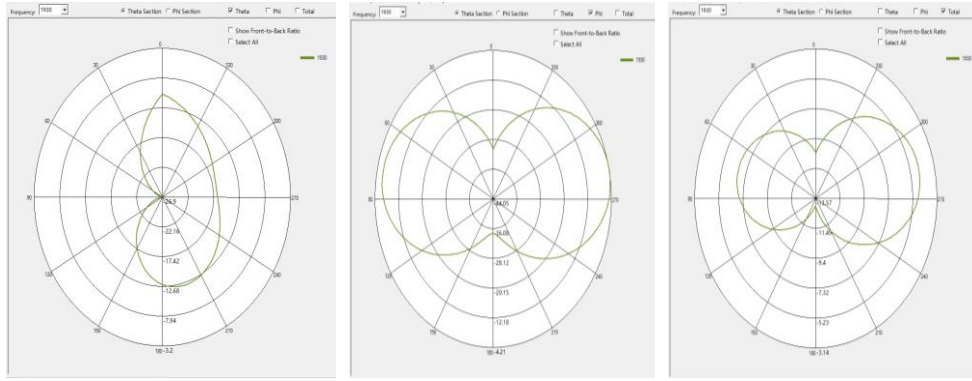
band	Gain
G1800/W4/B3/B4/66/N3/4/66	-2.07



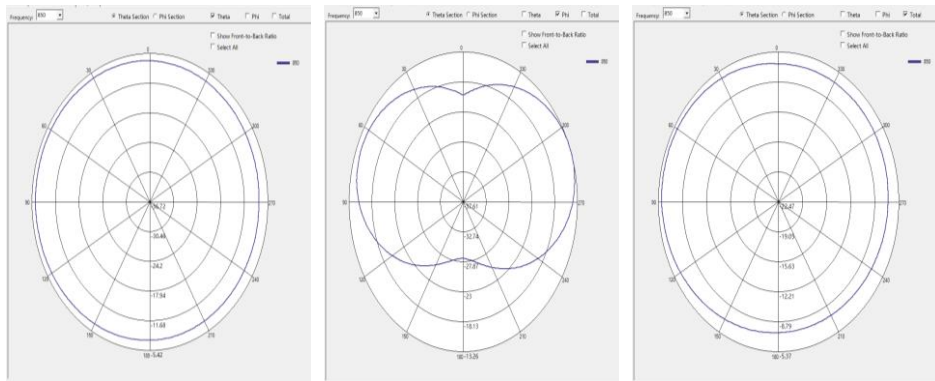
band	Gain
B2 /G1900/W2	-2.07



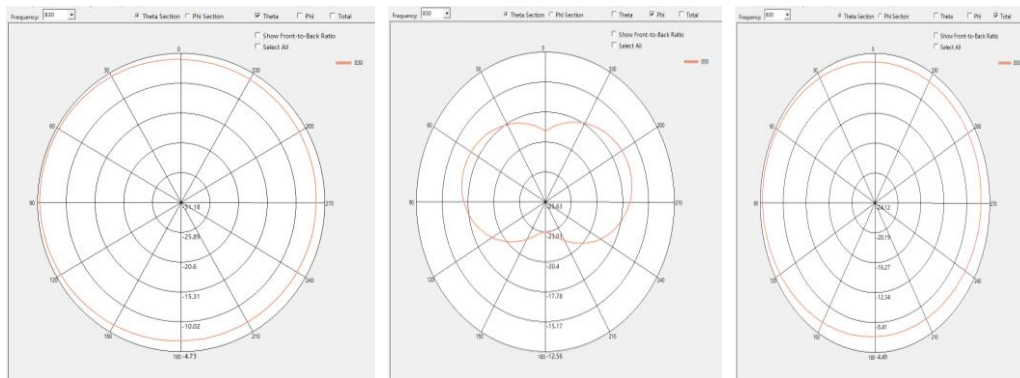
band	Gain
B1/W1/N1	-3.14



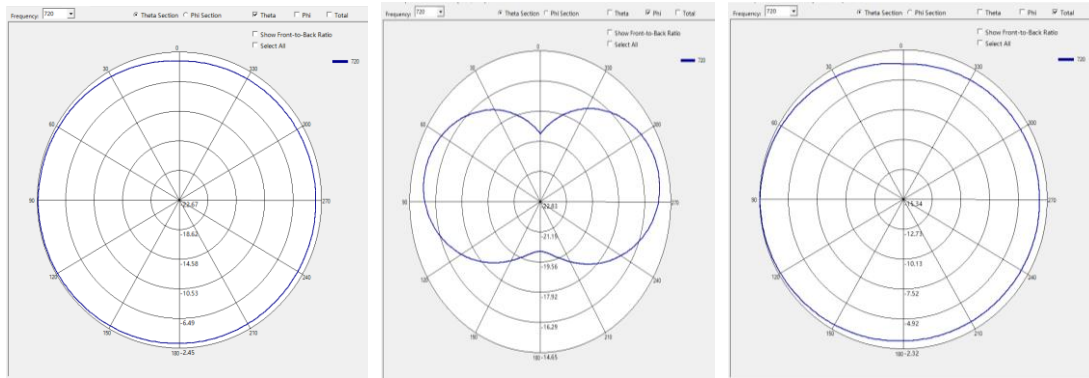
band	Gain
B5/W5/G900/N5	-5.38



band	Gain
B20/N20	-4.52

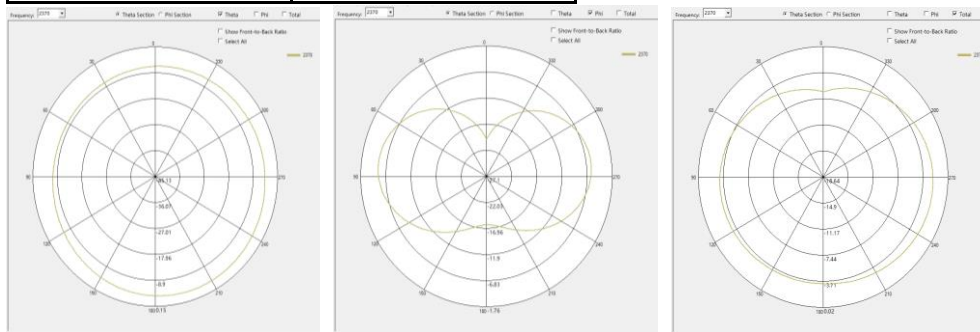


band	Gain
B28/B17/B12 /N28/N12/N17	-2.35

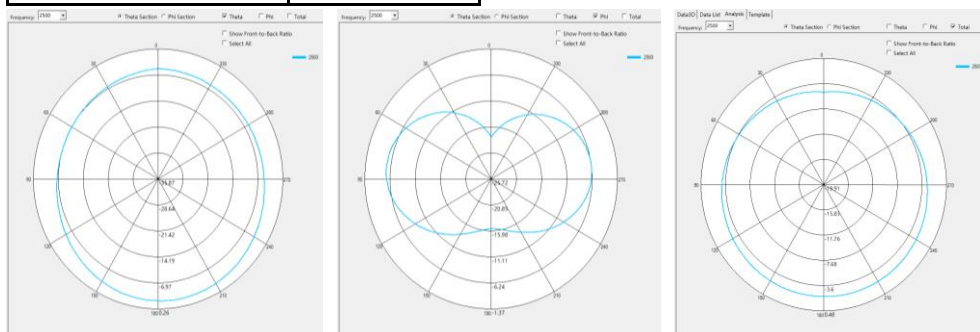


ANT1

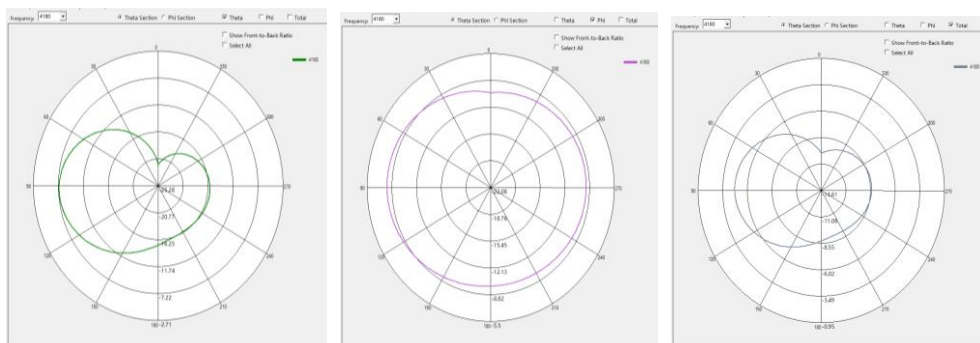
band	Gain
B40/N40	-0.3



band	Gain
B7/B38/41/N7/38/41	0.05

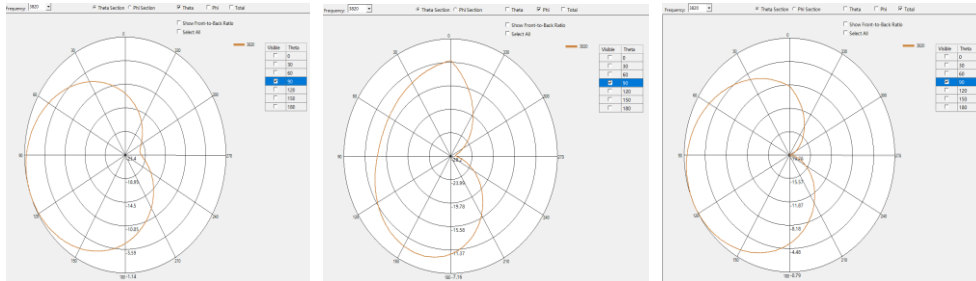


band	Gain
N77 N78	0.16



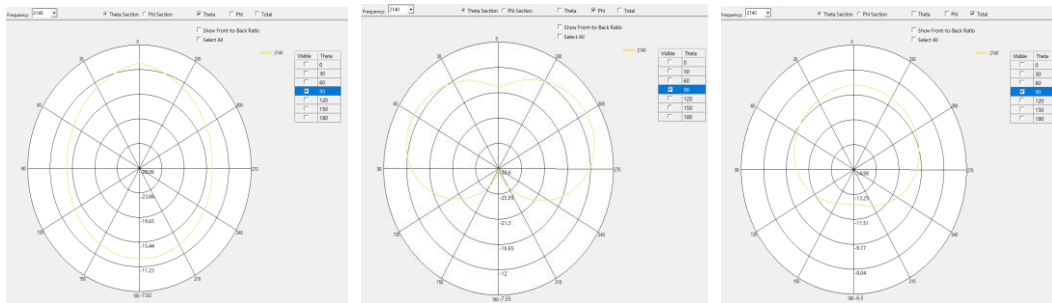
ANT2

band	Gain
N77/78	-1.27

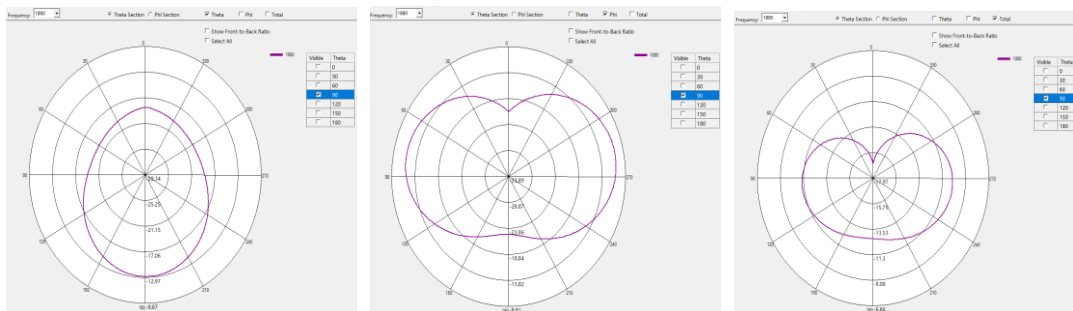


ANT3

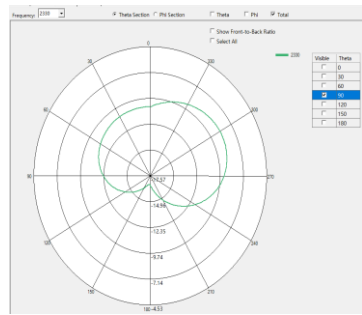
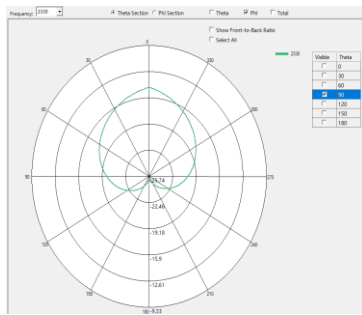
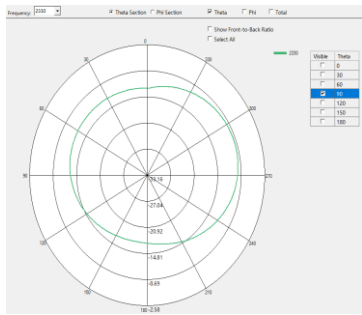
band	Gain
B1/4/66/N1/4/66	-6.8



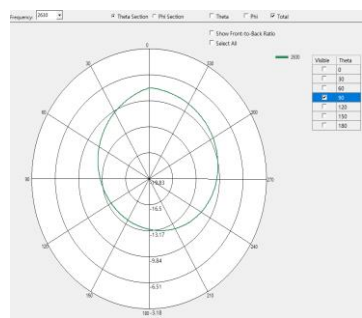
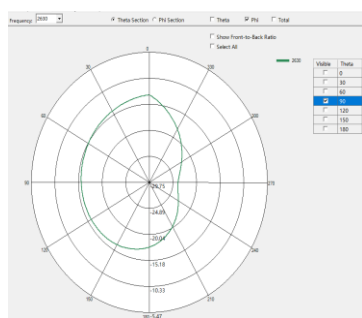
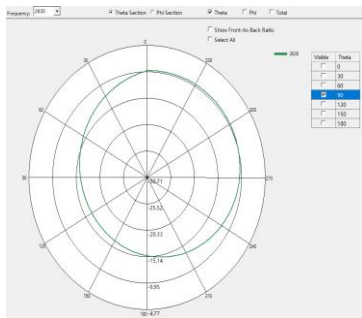
band	Gain
B3/N3	-7.16



band	Gain
B40/N40	-5.28

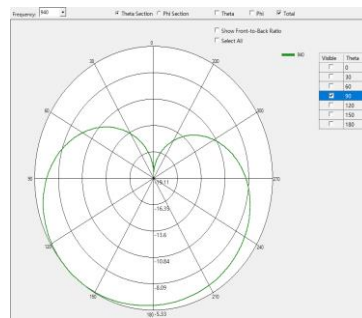
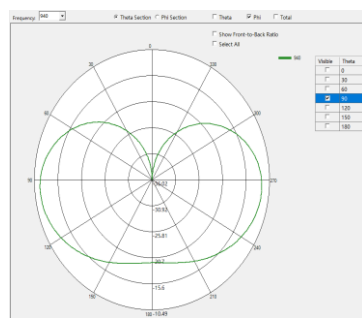
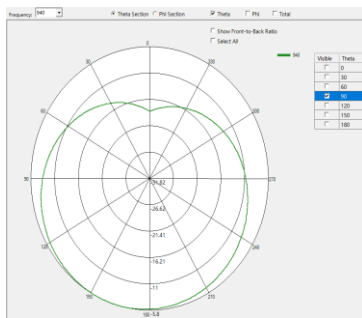


band	Gain
B7/38/41/N7/38/41	-3.6

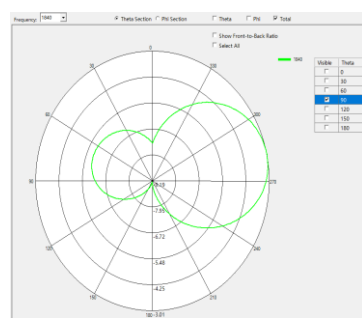
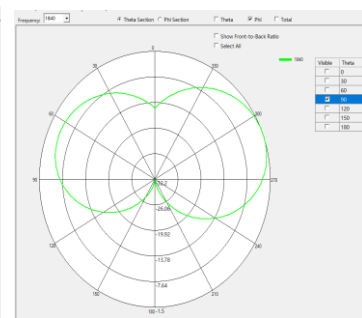
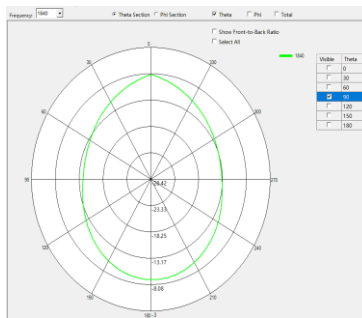


ANT4

band	Gain
G900/W8/B8/N8	-5.83



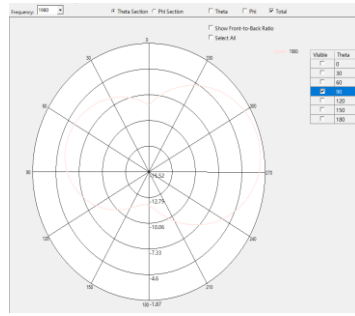
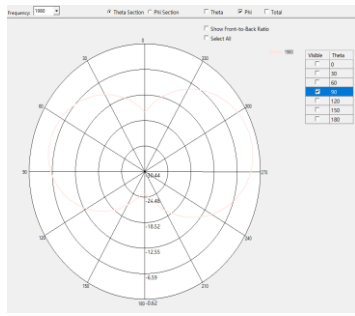
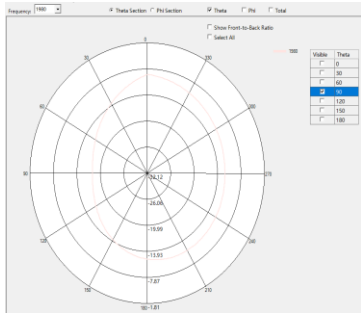
band	Gain
G1800/B3/N3	-3.18



band	Gain
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G1900/W2/B2

-2.1

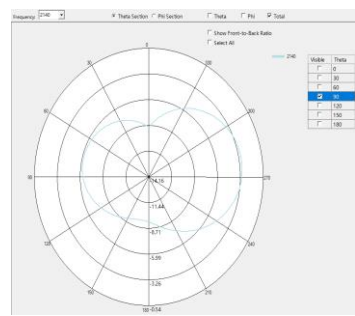
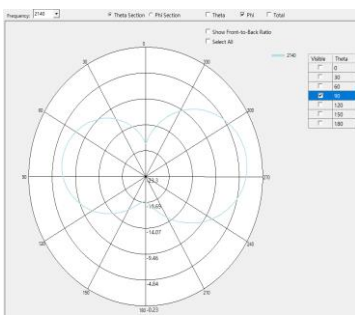
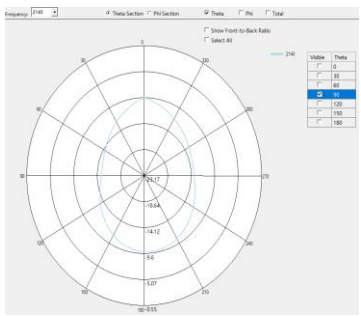


band

Gain

W1/4/B1/4/66/N1/4/66

-0.67

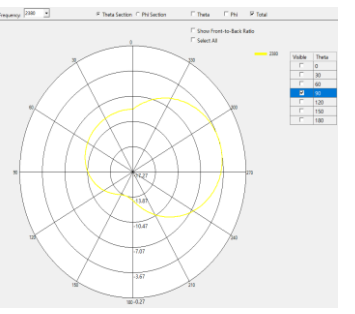
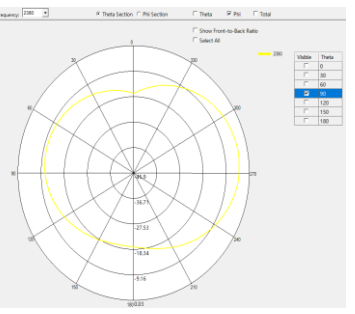
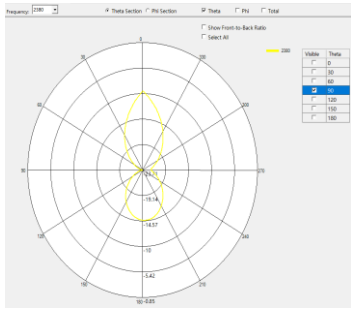


band

Gain

B40/N40

-0.36

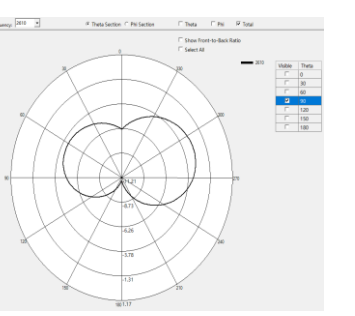
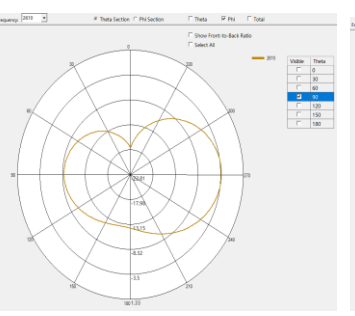
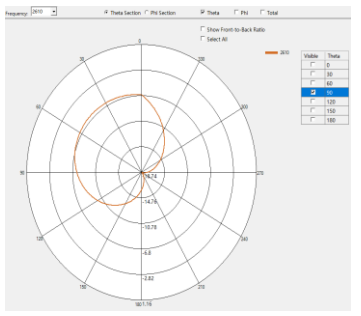


band

Gain

B7/38/41/N7/38/41

1.04

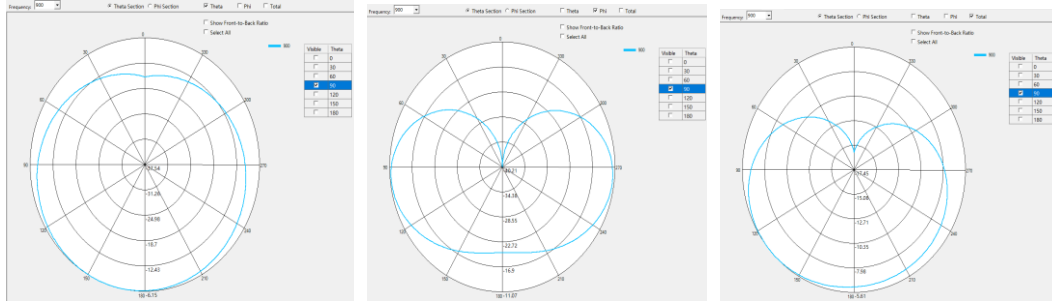


band

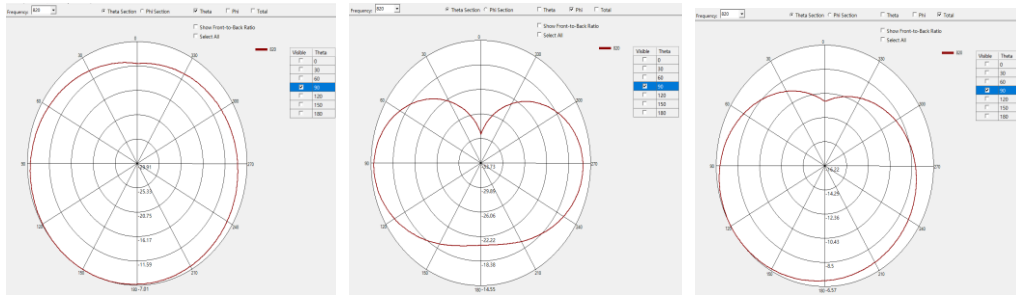
Gain

G850/W5/B5/N5

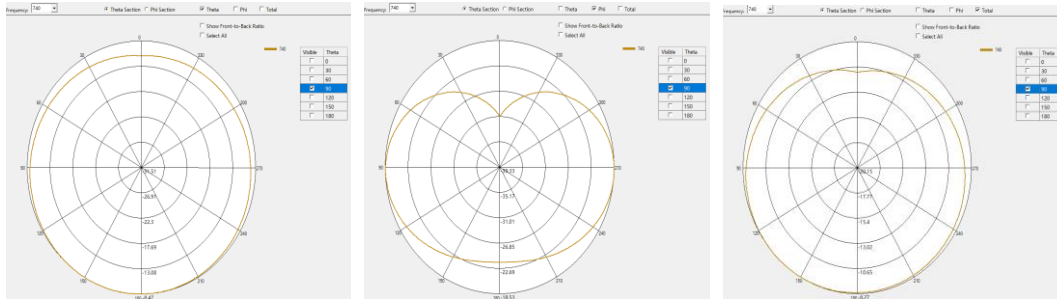
-5.97



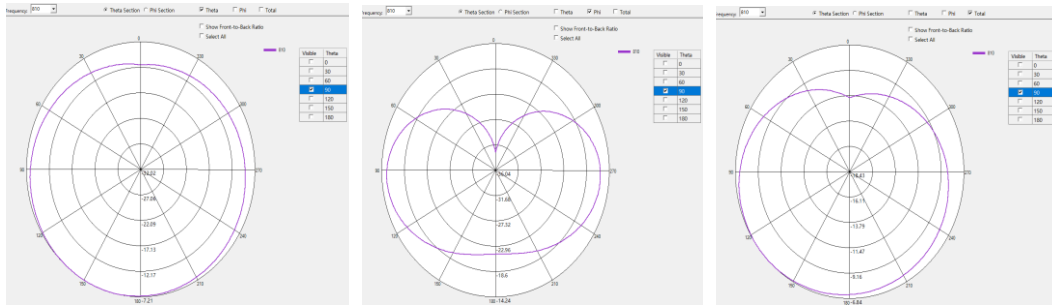
band	Gain
B20/N20	-6.88



band	Gain
B12/17/N12/17	-8.13



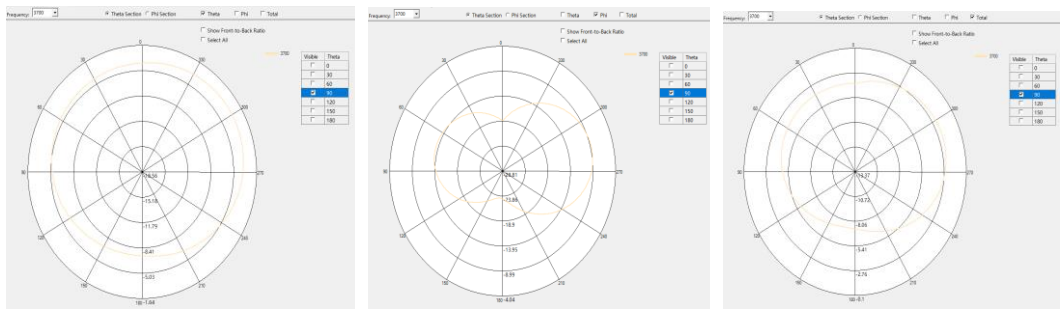
band	Gain
B28/N28	-7.2



ANT5

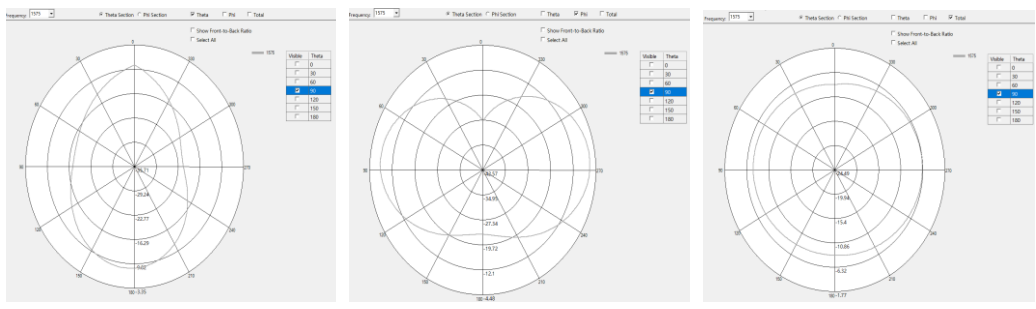
band	Gain
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N77/78 -0.7

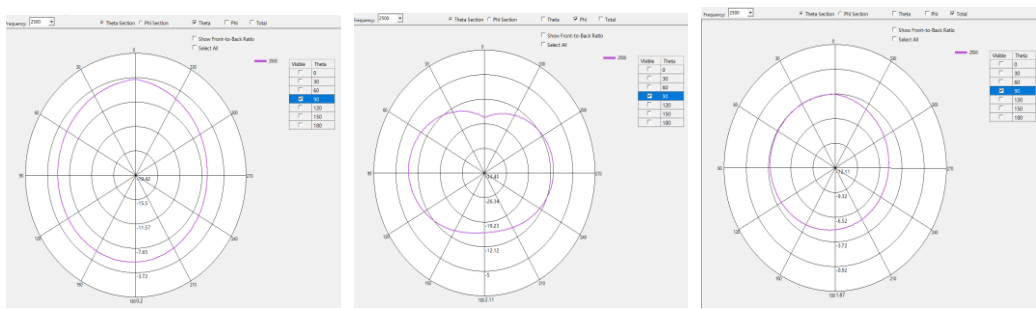


ANT6

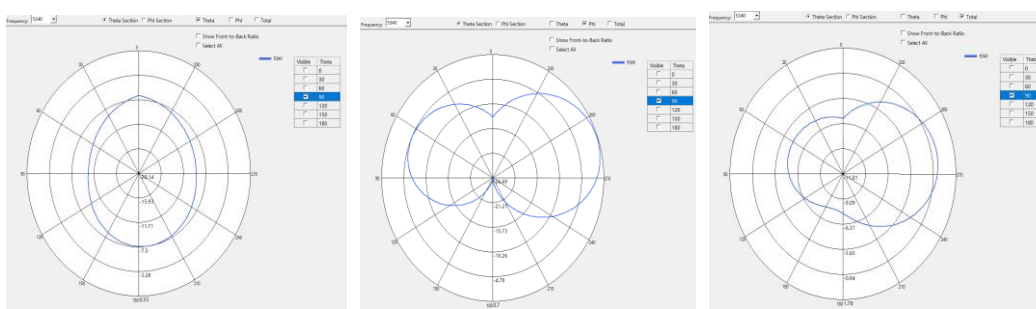
band	Gain
GPS	-2.2



band	Gain
WIFI 2.4G	1.49

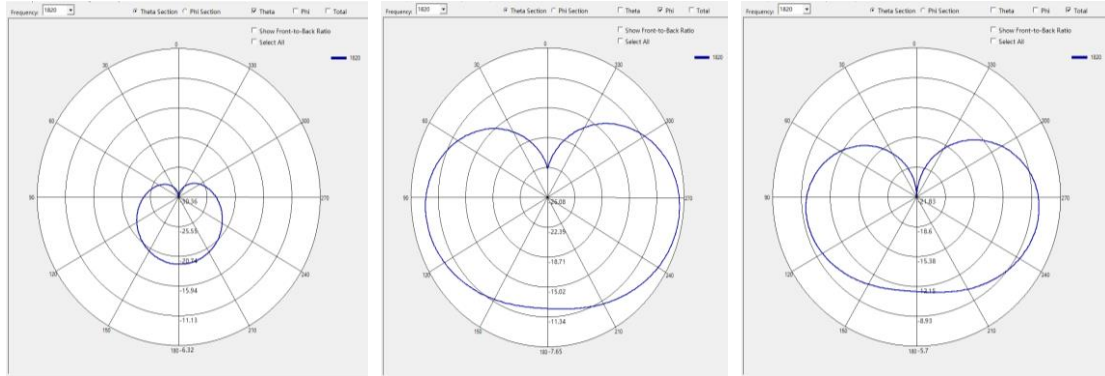


band	Gain
WIFI 5G	1.52

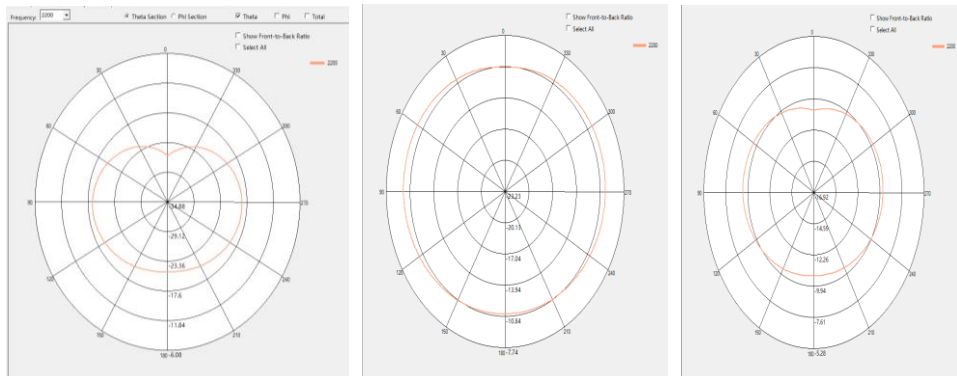


ANT7

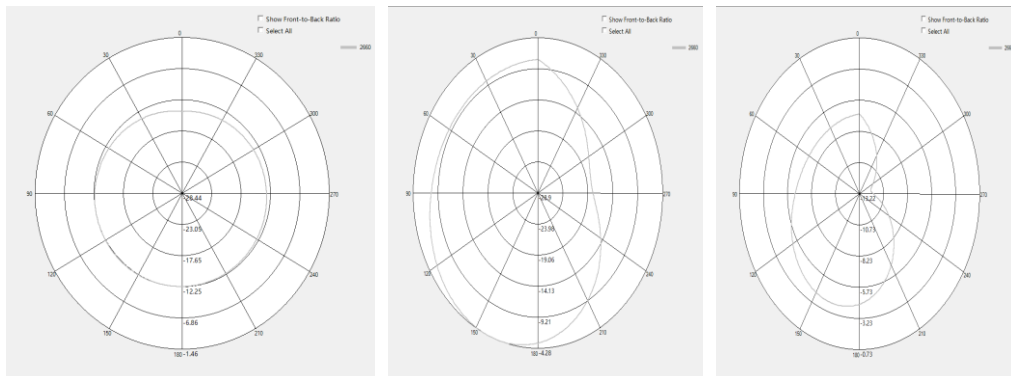
band	Gain
B3/N3	-6.03



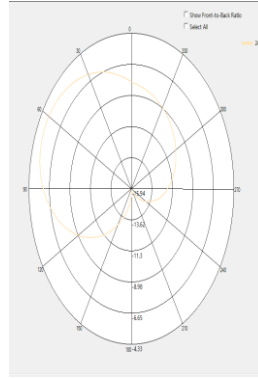
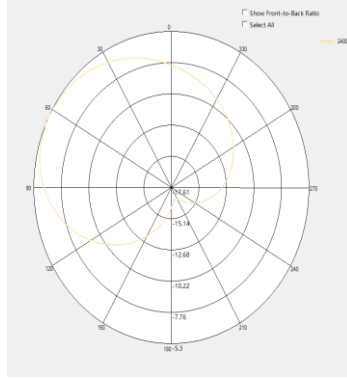
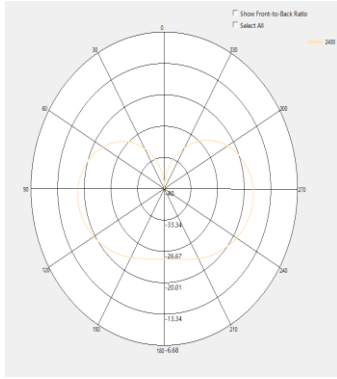
band	Gain
B1/B66/N1/N66	-5.79



band	Gain
B7 B41	-0.73



band	Gain
B40 /N40	-5.08



ANT8

band	Gain
N77/78	-0.35

