

## Electric Specifications

TYPE	
Main Transmitter Frequency	LTE B12/13/17/28:699-748MHz
	GSM850/WCDMA B5/LTE B5/20:824-849MHz
	GSM 900/WCDMA B8/LTE B8:880-915MHz
	DCS 1800/WCDMA B4/LTE B3/4/66:1710-1785MHz
	WCDMA B1/LTE B1:1920-1980MHz
	PCS 1900/WCDMA B2/LTE B2:1850-1910MHz
	LTEB7/38/41:2505-2565MHz
	LTE B40:2300-2400MHz
Div Transmitter Frequency	LTE B12/13/17/28:729-803MHz
	GSM850/WCDMA B5/LTE B5/20:858-894MHz
	GSM 900/WCDMA B8/LTE B8:925-960MHz
	DCS 1800/WCDMA B4/LTE B3/4/66:1805-1880MHz
	WCDMA B1/LTE B1:2110-2170MHz
	PCS 1900/WCDMA B2/LTE B2:1930-1990MHz
	LTEB7/38/41:2625-2685MHz
	LTE B40:2300-2400MHz
RF-Output Power (E. I. R. P)	GSM850/900:33+/-2dbm
	DCS/PCS:30+/-2dbm
	WCDMA B1/2/4/5/8
	LTE B1/2/3/4/5/7/8/12/13/17/28/66/38/40/41:23+/-2dbm
Antenna Gain(Peak Gain)	LTE B12/13/17/28:-4.6dbm
	GSM 850/W B5/LTE B5/20:-6.33dbm
	GSM 900/W B8/LTE B8:-4.78
	DCS 1800/WCDMA B4/LTE B3/4/66:-0.97
	PCS 1900/WCDMA B2/LTE B2:-1.25
	WCDMA B1/LTE B1:1.37
	LTEB7/38/41:0.63
	LTE B40:-2.85
	GPS:-0.31
	BT/WIFI 2.4G:-1.38
	WIFI 5G:-3.29
Type of Modulation	GMSK

## Supplier information

Project Name: KI7s

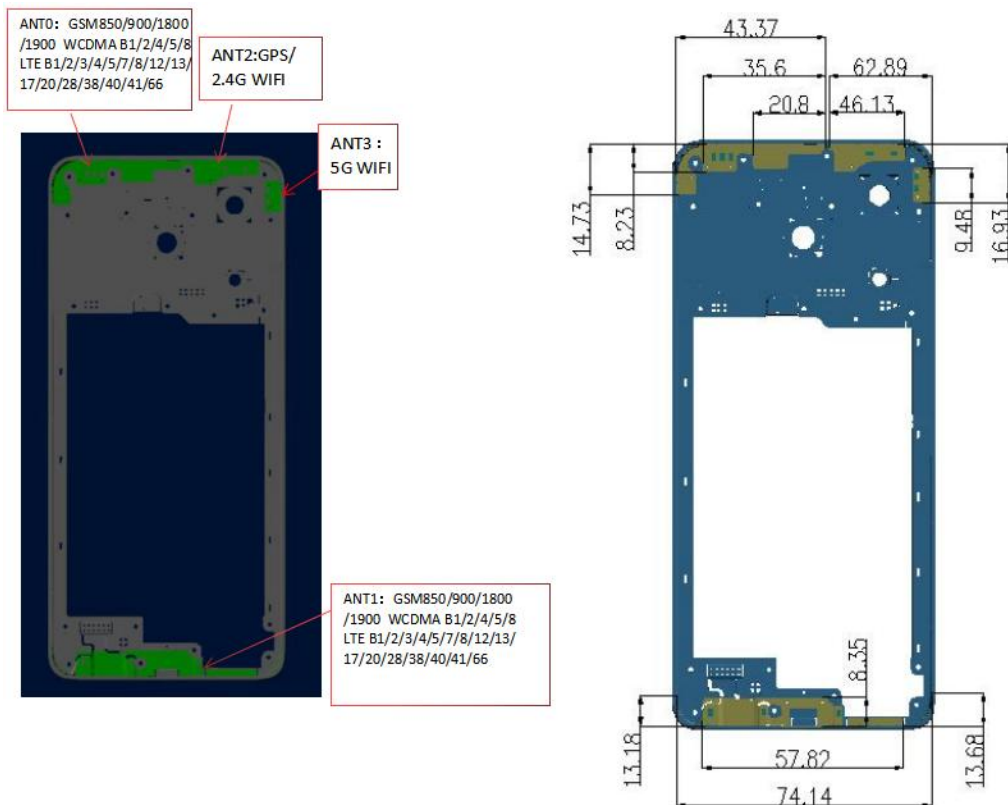
Company:WELLETRONICS COMMUNICATION TECHNOLOGY CO.,LTD.

Address: Floor 1, Building 8, Tongfucun Industrial Zone, Dalang Shiao,  
Longhua District, Shenzhen

A11, Phase 2, Software New City, Yanta District, Xi 'an

Antenna Name	Model	Part Number
Main	RD992202NB87-1	V7510A-ANTO antenna
DIV	RD992202NB87-2	V7510A-ANT1 antenna
BT/WIFI 2.4G	RD992202NB87-3	V7510A-ANT2 antenna
WIFI 5G	RD992202NB87-4	V7510A-ANT3 antenna

## Antenna size

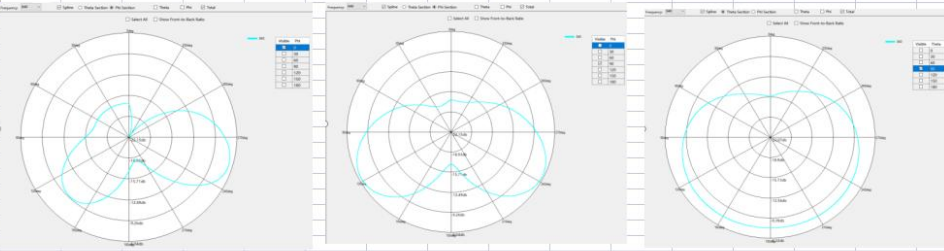


# Antenna gain

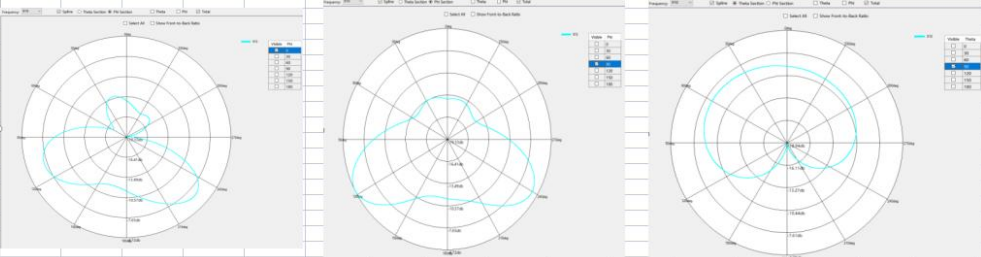
Band	Main Antenna(dBi)	Band	Div Antenna(dBi)
	Average		Average
LTE B1	-4.52	LTE B1	-4.63
LTE B3	-5.49	LTE B3	-6.02
LTE B5	-9.72	LTE B5	-9.89
LTE B7	-5.85	LTE B7	-7.03
LTE B8	-8.46	LTE B8	-10.13
LTE B13	-8.72	LTE B13	-9.64
LTE B28	-8.74	LTE B28	-9.45
LTE B38	-5.85	LTE B38	-7.03
LTE B40	-7.54	LTE B40	-4.75
LTE B41	-5.85	LTE B41	-7.03
LTE B66	-5.49	LTE B66	-4.63
GSM850	-7.72	GSM850	-7.89
GSM900	-7.46	GSM900	-7.13
GSM1800	-5.49	GSM1800	-6.02
GSM1900	-4.49	GSM1900	-5.76
WCDMA 1	-4.52	WCDMA 1	-4.63
WCDMA 2	-4.49	WCDMA 2	-5.76
WCDMA 5	-9.72	WCDMA 5	-9.89
WCDMA 8	-9.46	WCDMA 8	-10.13
Band	WIFI	Band	GPS
	Average		Average
2.4g wifi	-5.52	GPS	-5.14
5g wifi	-7.63		

# ANTO

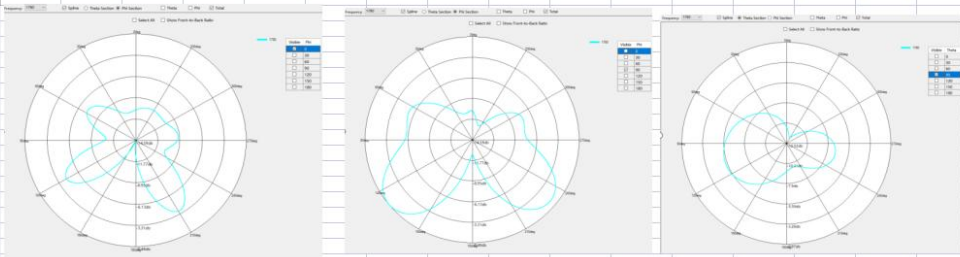
频段	增益dbi
GSM850	-6.33



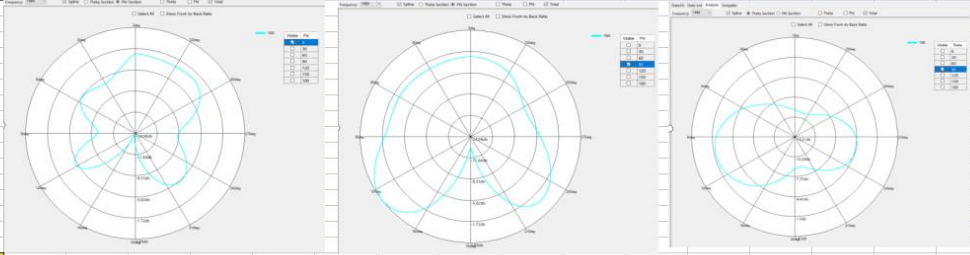
频段	增益dbi
GSM900	-4.78006



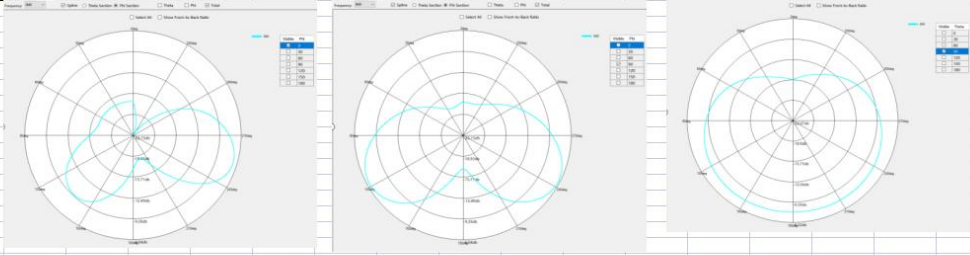
频段	增益dbi
GSM1800	-0.97917



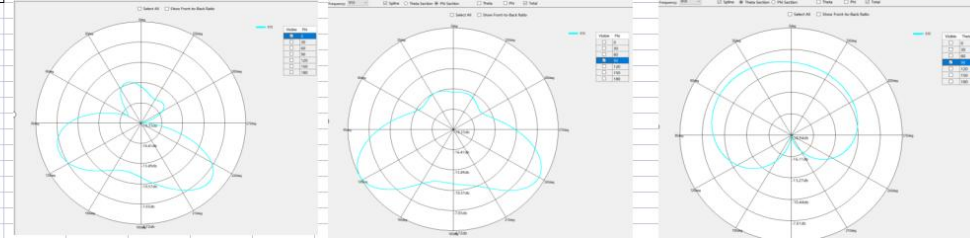
频段	增益dbi
W1	1.373002



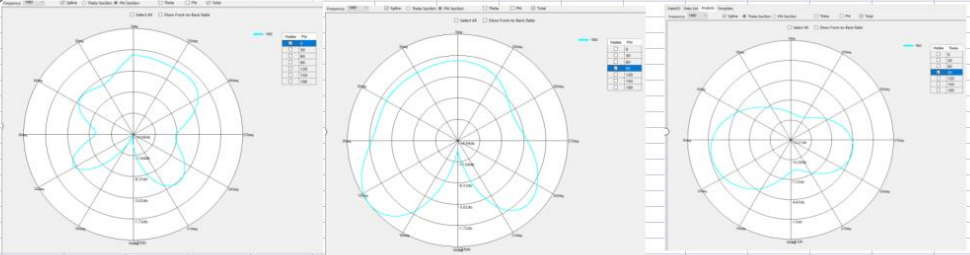
频段	增益dbi
W5	-6.32946



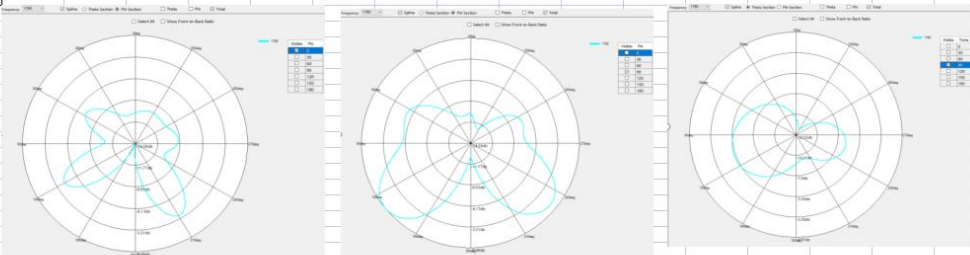
频段	增益dbi
W8	-4.78006



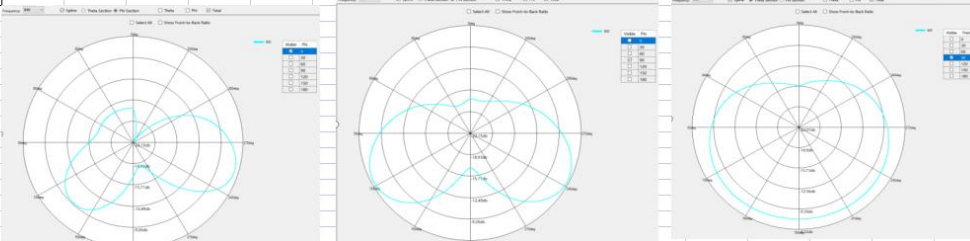
频段	增益dbi
LTE1	1.373002

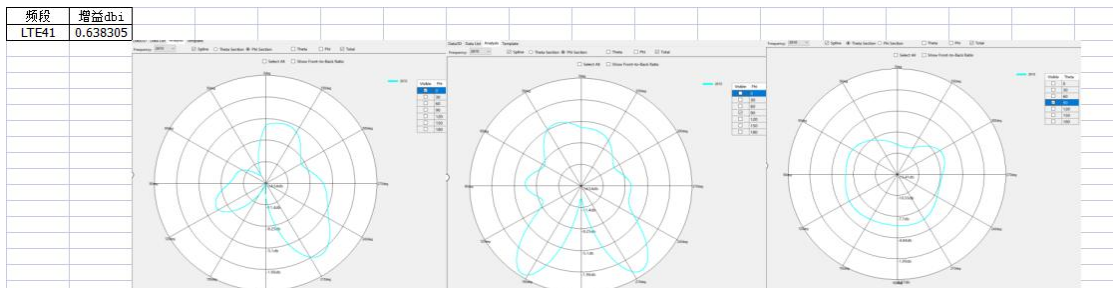
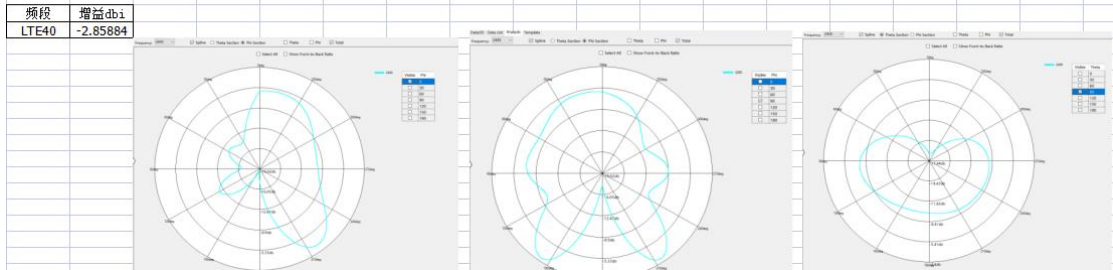
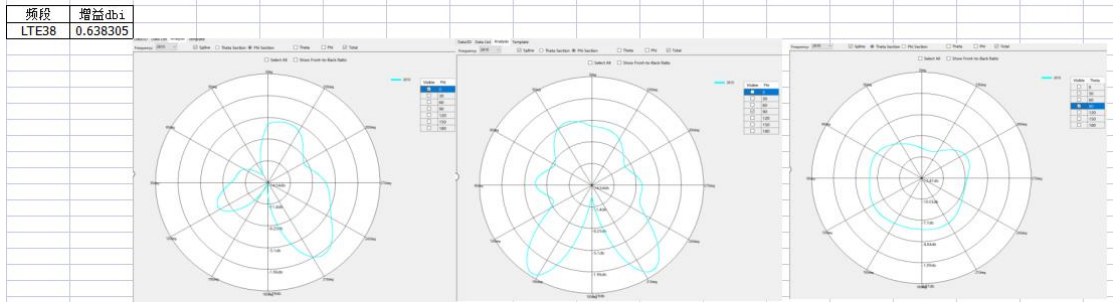
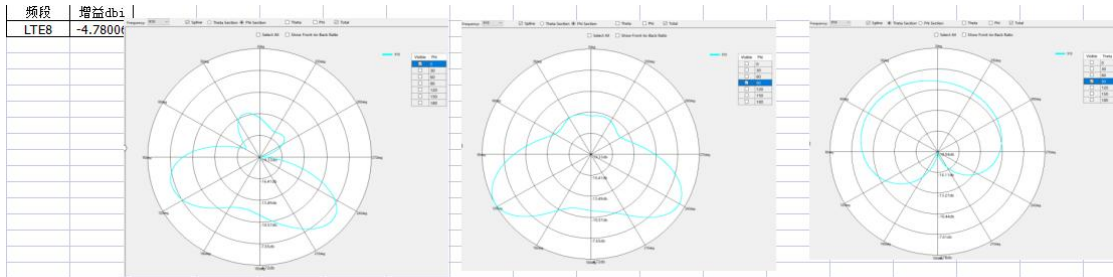


频段	增益dbi
LTE3	-0.97917



频段	增益dbi
LTE5	-6.32946

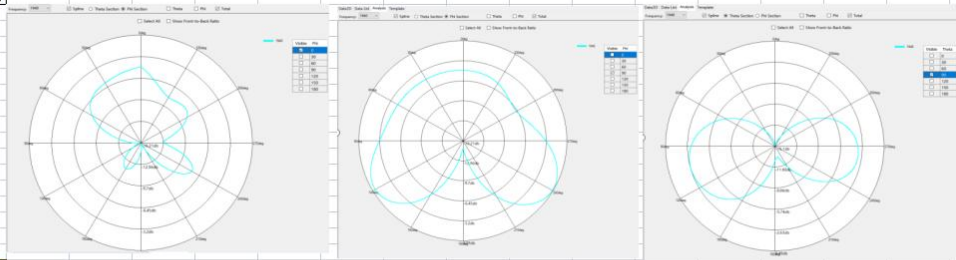




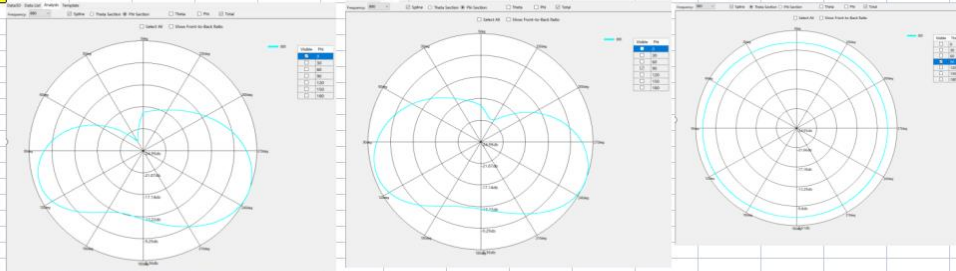


# ANT1

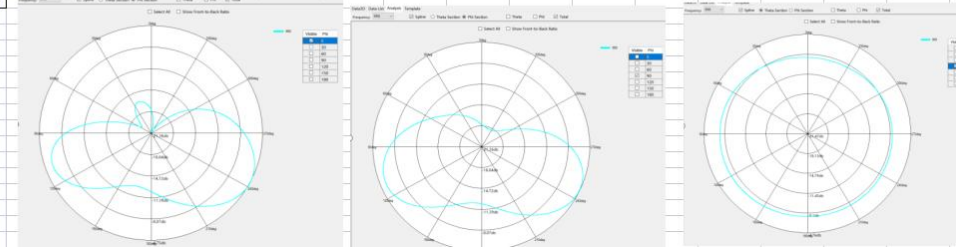
频段	增益dbi
W1	0.029626



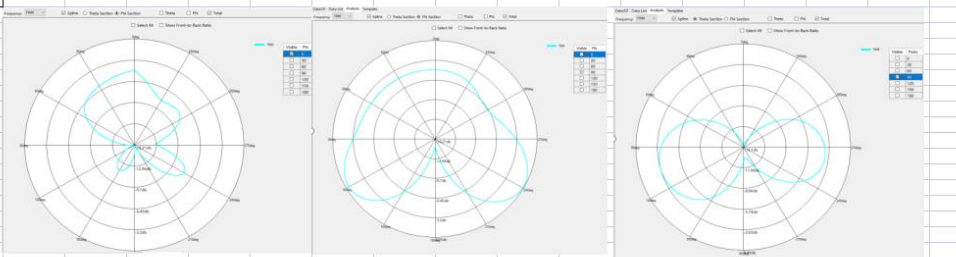
频段	增益dbi
W5	-5.51331



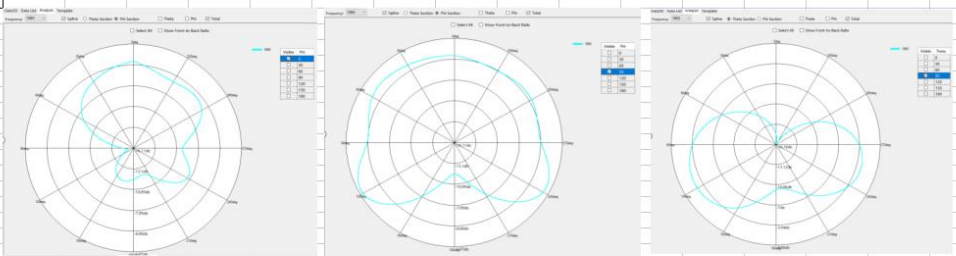
频段	增益dbi
W8	-4.77357



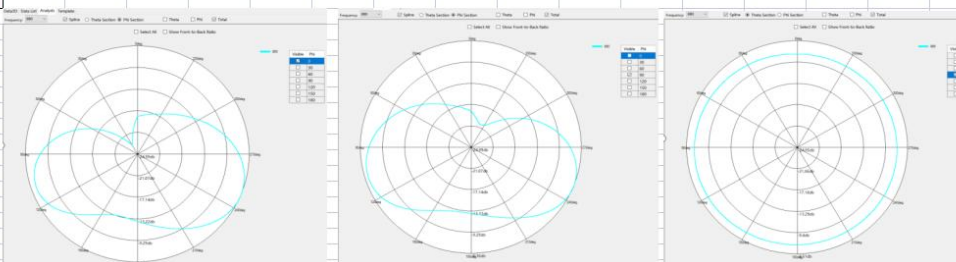
频段	增益dbi
LTE1	0.029626



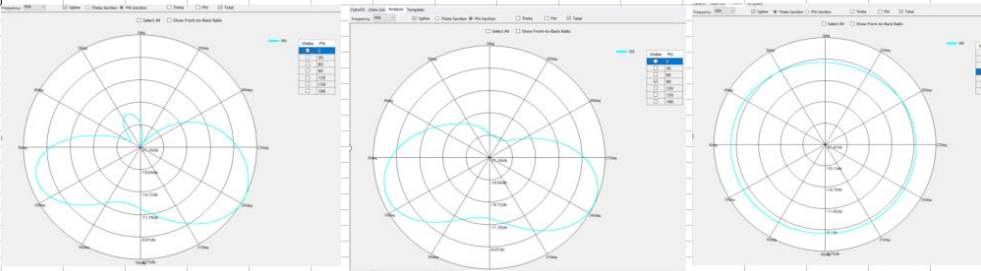
频段	增益dbi
LTE3	-1.13967



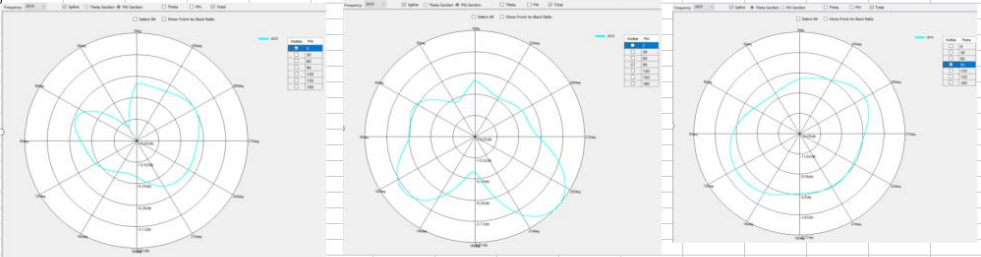
频段	增益dbi
LTE5	-5.51331



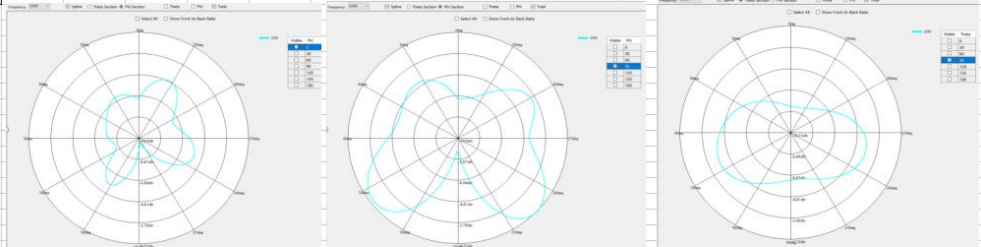
频段 增益db.i  
LTE8 -4.77357



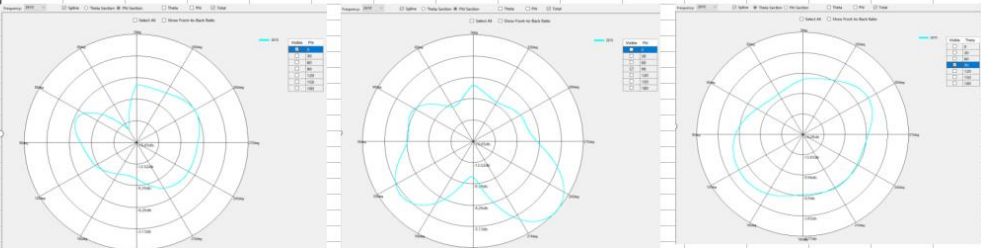
频段 增益db.i  
LTE38 -0.77624



频段 增益db.i  
LTE40 -1.77624



频段 增益db.i  
LTE41 -0.77624





# ANT2/3

