

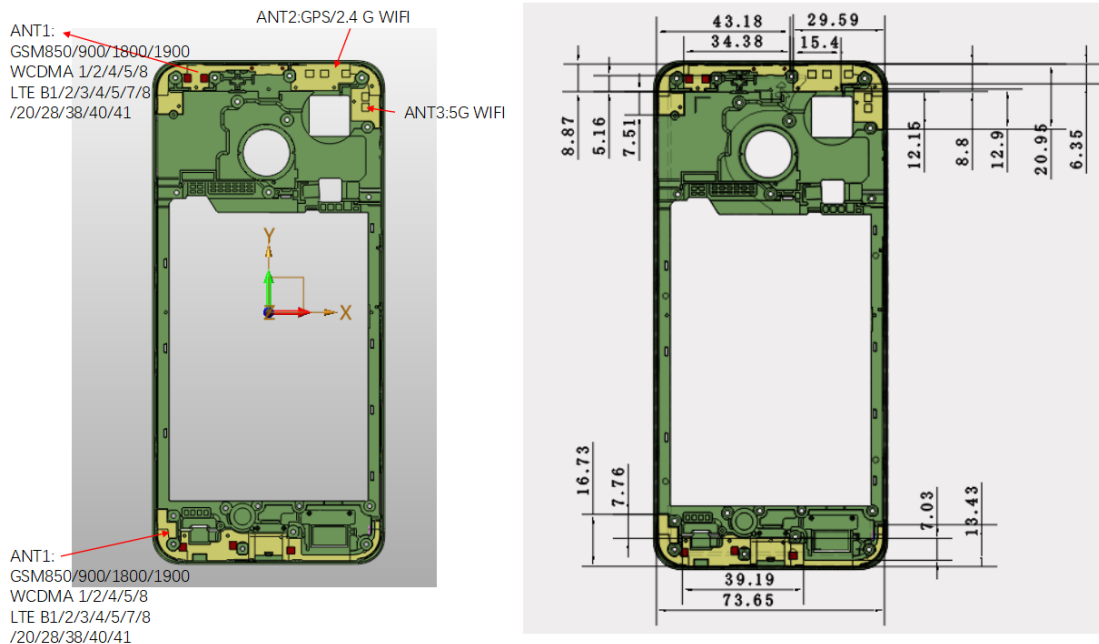
## Electric Specifications

TYPE	
Transmitter Frequency	LTE 28:699-748MHz
	GSM850/WCDMA B5/LTE B5/20:824-849MHz
	GSM 900/WCDMA B8/LTE B8:880-915MHz
	DCS 1800/WCDMA B4/LTE B3/4:1710-1785MHz
	WCDMA B1/LTE B1:1920-1980MHz
	PCS 1900/WCDMA B2/LTE B2:1850-1910MHz
	LTEB7/38/41:2505-2565MHz
	LTE B40:2300-2400MHz
Transmitter Frequency	LTE 28:758-803MHz
	GSM850/WCDMA B5/LTE B5/20:858-894MHz
	GSM 900/WCDMA B8/LTE B8:925-960MHz
	DCS 1800/WCDMA B4/LTE B3/4:1805-1880MHz 2110-2155MHz
	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 23+/-2dbm
	LTE B1/2/3/4/5/7/8/20/28/38/40/41:23+/-2dbm
Antenna Gain(Peak Gain)	LTE B28:-3.91
	GSM 850/W B5/LTE B5/20:-4.19
	GSM 900/W B8/LTE B8:-2.82
	DCS 1800/WCDMA B4/LTE B3/4:0.31
	PCS 1900/WCDMA B2/LTE B2:1.07
	WCDMA B1/LTE B1:2.57
	LTEB7/38/41:0.62
	LTE B40:1.37
	GPS:2.52
	BT/WIFI 2.4G:0.72
	WIFI 5G:-1.76
Type of Modulation	GMSK

# Supplier information

Project Name: X6525B 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	X674-313-01A03	V659A-MAIN
DIV	X674-313-01B03	V659A-DIV
GPS/BT/WIFI 2.4G/WIFI 5G	X674-313-01C03	V659A-3IN1

## Antenna size



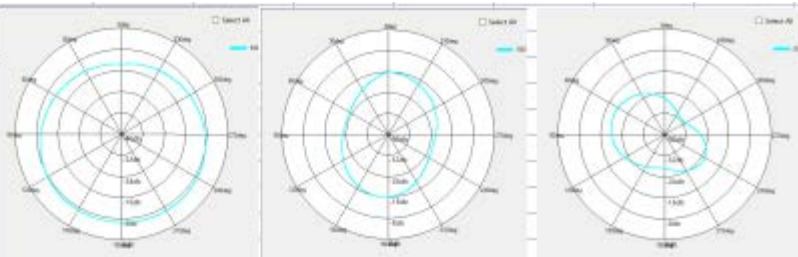
# Antenna

## gain

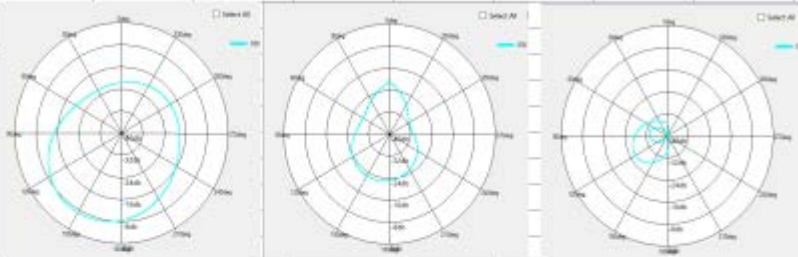
Band	Main Antenna(dBi)	Band	Div Antenna(dBi)
	Average		Average
LTE B1	0.81	LTE B1	-2.47
LTE B2	-0.12	LTE B2	0.72
LTE B3	0.01	LTE B3	-0.18
LTE B4	0.01	LTE B4	-2.47
LTE B5	-4.19	LTE B5	-7.56
LTE B7	-0.09	LTE B7	-2.31
LTE B8	-2.82	LTE B8	-6.2
LTE B20	-4.91	LTE B20	-8.26
LTE B28	-3.91	LTE B28	-7.61
LTE B38	0.41	LTE B38	-1.42
LTE B40	1.37	LTE B40	0.15
LTE B41	0.48	LTE B41	-0.85
GSM850	-4.19	GSM850	-7.56
GSM900	-2.82	GSM900	-6.2
GSM1800	0.01	GSM1800	-0.18
GSM1900	0.81	GSM1900	0.72
WCDMA 1	0.81	WCDMA 1	-2.47
WCDMA 2	-0.12	WCDMA 2	0.72
WCDMA 4	0.01	WCDMA 4	-2.47
WCDMA 5	-4.91	WCDMA 5	-7.56
WCDMA 8	-2.82	WCDMA 8	-6.2
Band	WIFI	Band	GPS
	Average		Average
2.4g wifi	0.72	GPS	1.95
5g wifi	-0.66		



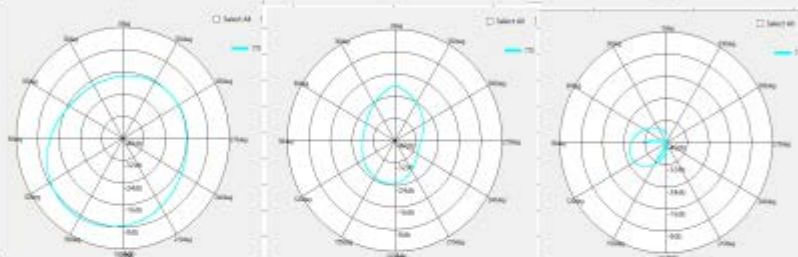
频段	增益dBi
B8	-6.2



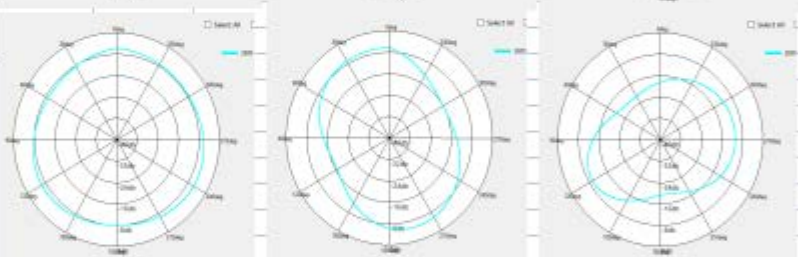
频段	增益dBi
B20	-8.26



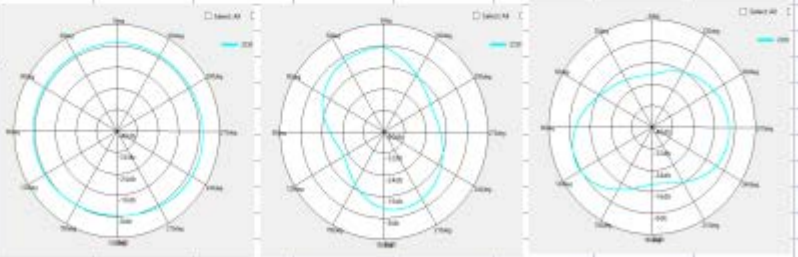
频段	增益dBi
B28	-7.61



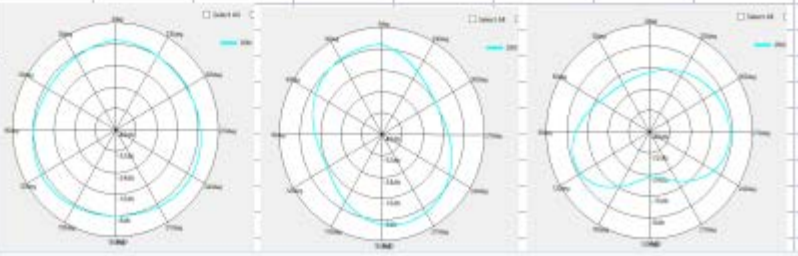
频段	增益dBi
B38	-1.42



频段	增益dBi
B40	0.15

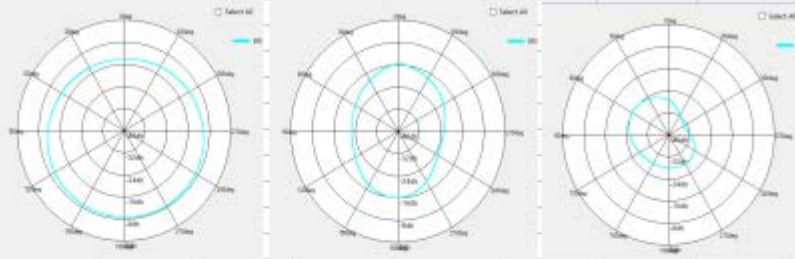


频段	增益dBi
B41	-0.85

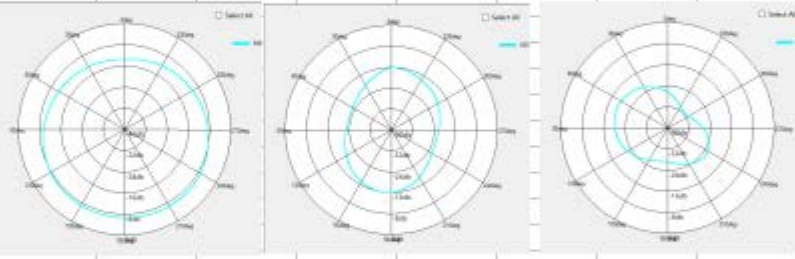




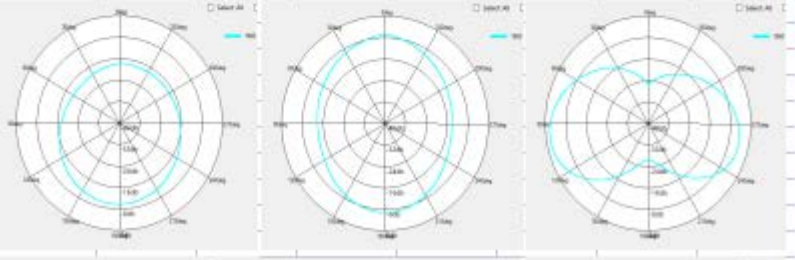
频段	增益dBi
GSM 850	-7.56



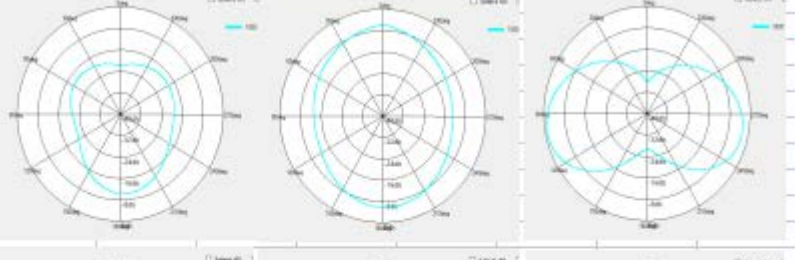
频段	增益dBi
GSM 900	-6.2



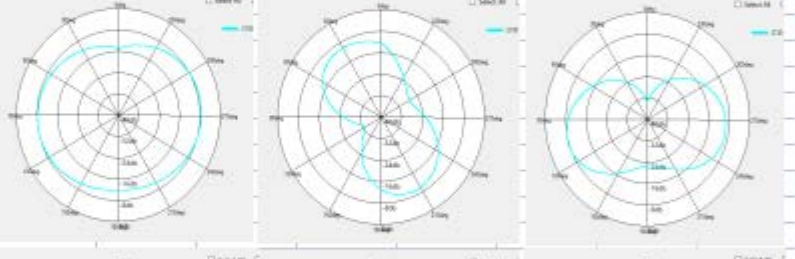
频段	增益dBi
GSM 1800	-0.18



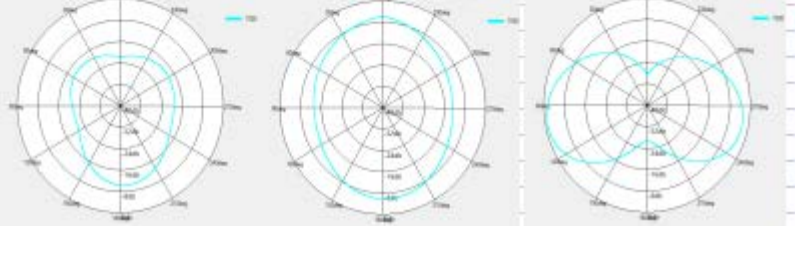
频段	增益dBi
GSM 1900	0.72



频段	增益dBi
WCDMA B1	-2.47



频段	增益dBi
WCDMA B2	0.72





# ANT1

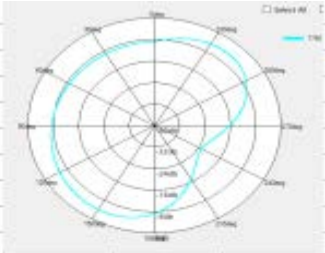
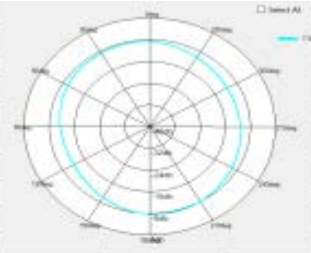
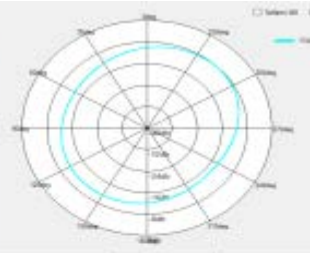




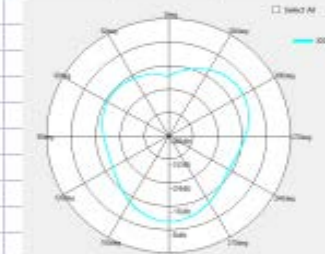
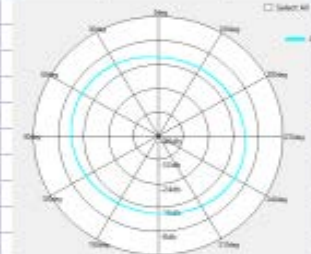
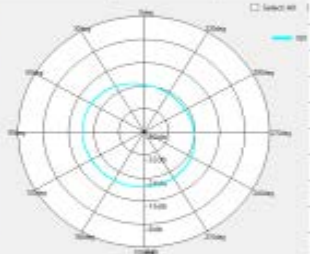




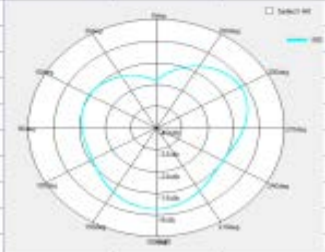
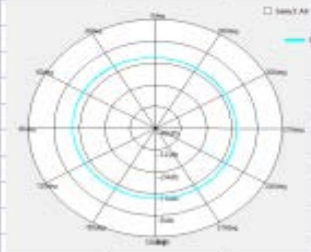
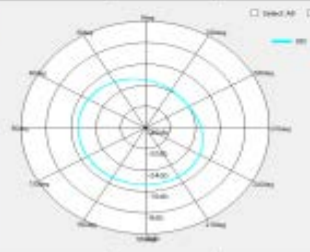
頻段	增益dBi
WCDMA B4	0.01



頻段	增益dBi
WCDMA B5	-4.19



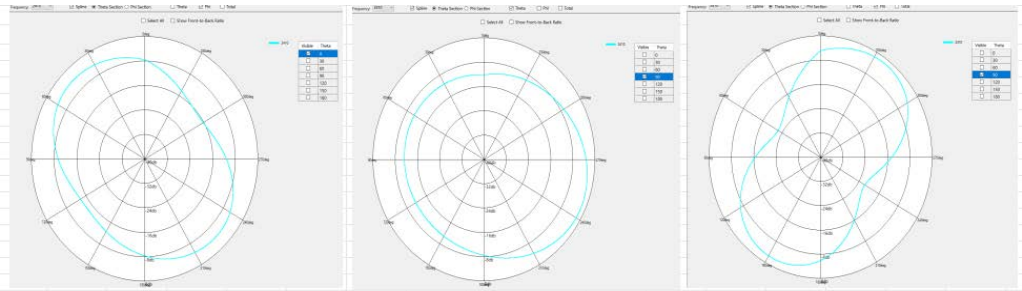
頻段	增益dBi
WCDMA B8	-2.82



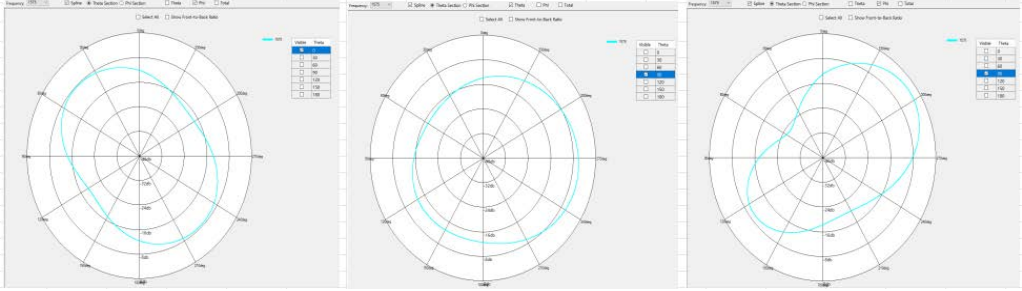


# ANT2

频段	增益dbi
WIFI 2.4	0.72



频段	增益dbi
GPS	1.95



# ANT3

频段	增益dbi
5G WIFI	-0.66

