

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:-6.37
	GSM 850/W B5/LTE B5/20:-5.16
	GSM 900/W B8/LTE B8:-4.05
	DCS 1800/WCDMA B4/LTE B3/4:-2.02
	PCS 1900/WCDMA B2/LTE B2:-1.4
	WCDMA B1/LTE B1:-1.1
	LTEB7/38/41:-2.78
	LTE B40:-2.84
	GPS:-2.26
	BT/WIFI 2.4G:-1.11
	WIFI 5G:-0.44
Type of Modulation	GMSK

Supplier information

Project Name: X6831

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	RD992220NB17-2	V7520A-ANT1 antenna
DIV	RD992220NB17-3	V7520A-ANT2 antenna
BT/WIFI 2.4G	RD992220NB17-4	V7520A-ANT3 antenna
WIFI 5G	RD992220NB17-4	V7520A-ANT4 antenna

Antenna size

ANT1 :

GSM850/900/1800/1900
WCDMA 1/2/4/5/8

LTE

B1/2/3/4/5/7/8/20/28/3
8/40/41

ANT3:GPS/2.4G WIFI

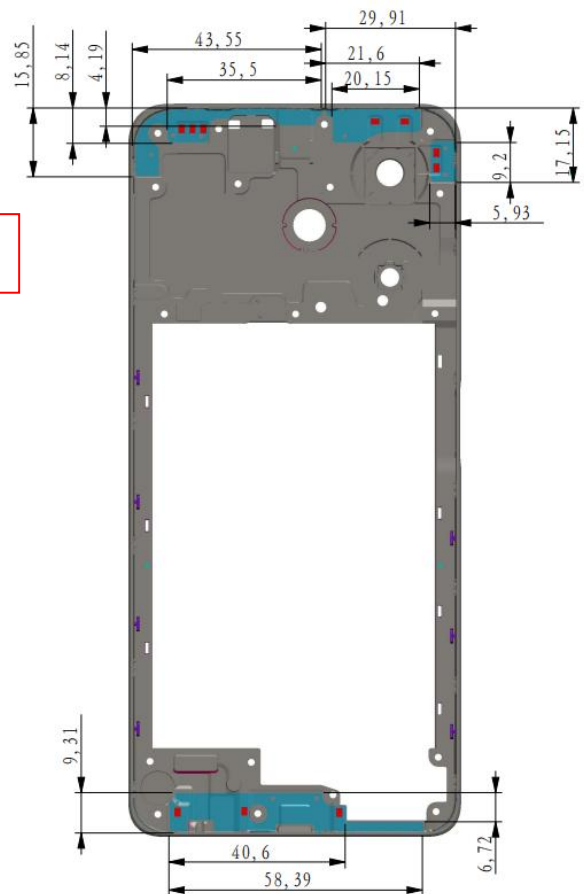
ANT4:5GWIF

ANT2 :

GSM850/900/1800/1900
WCDMA 1/2/4/5/8

LTE

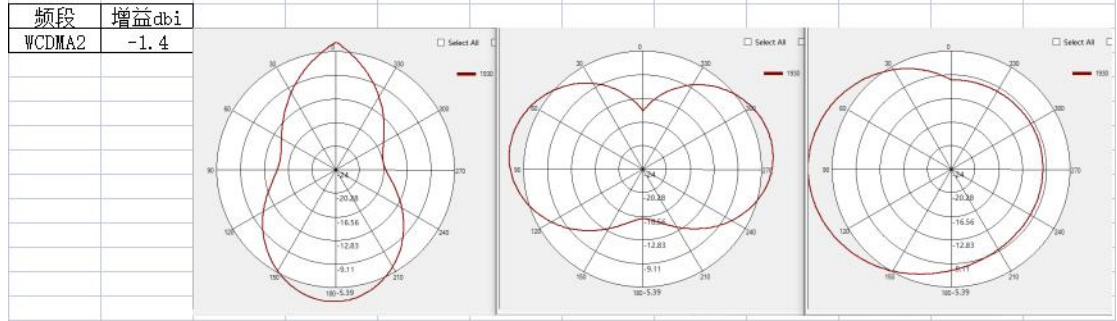
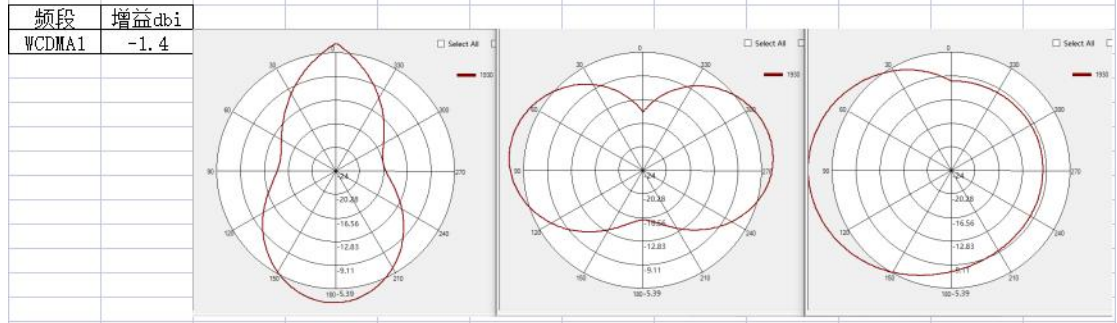
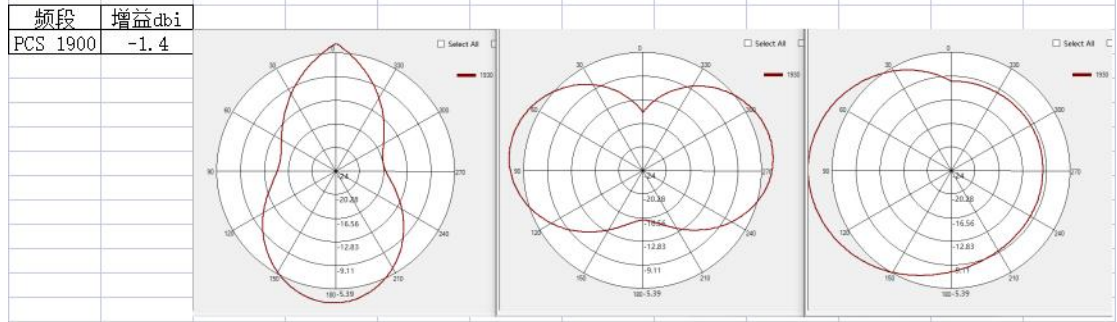
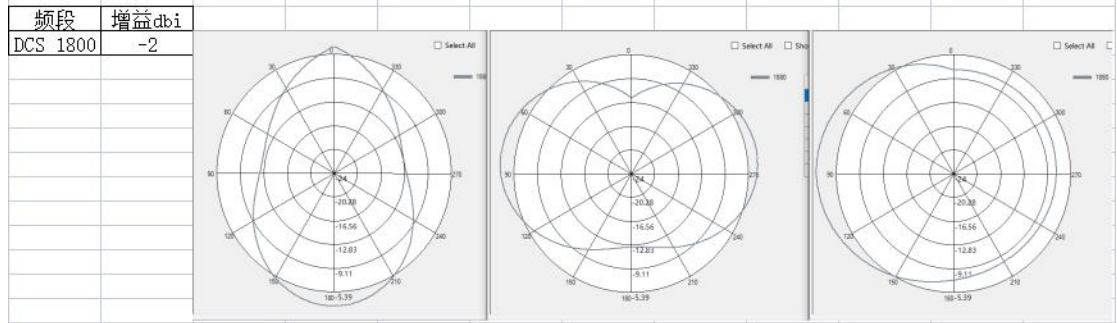
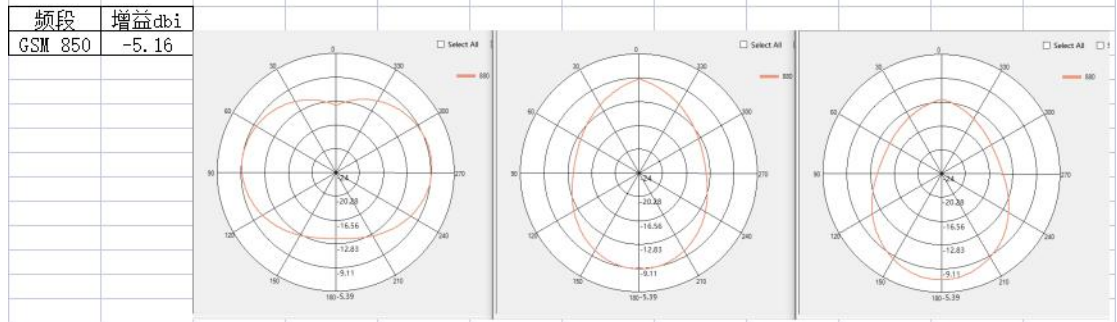
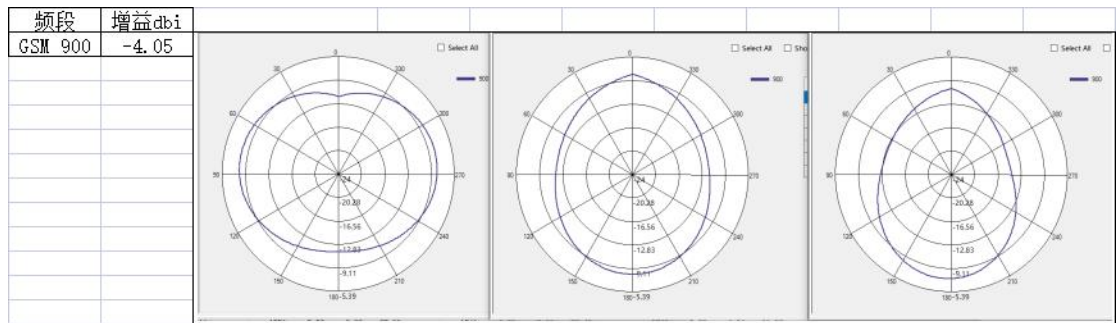
B1/2/3/4/5/7/8/20/28/3
8/40/41

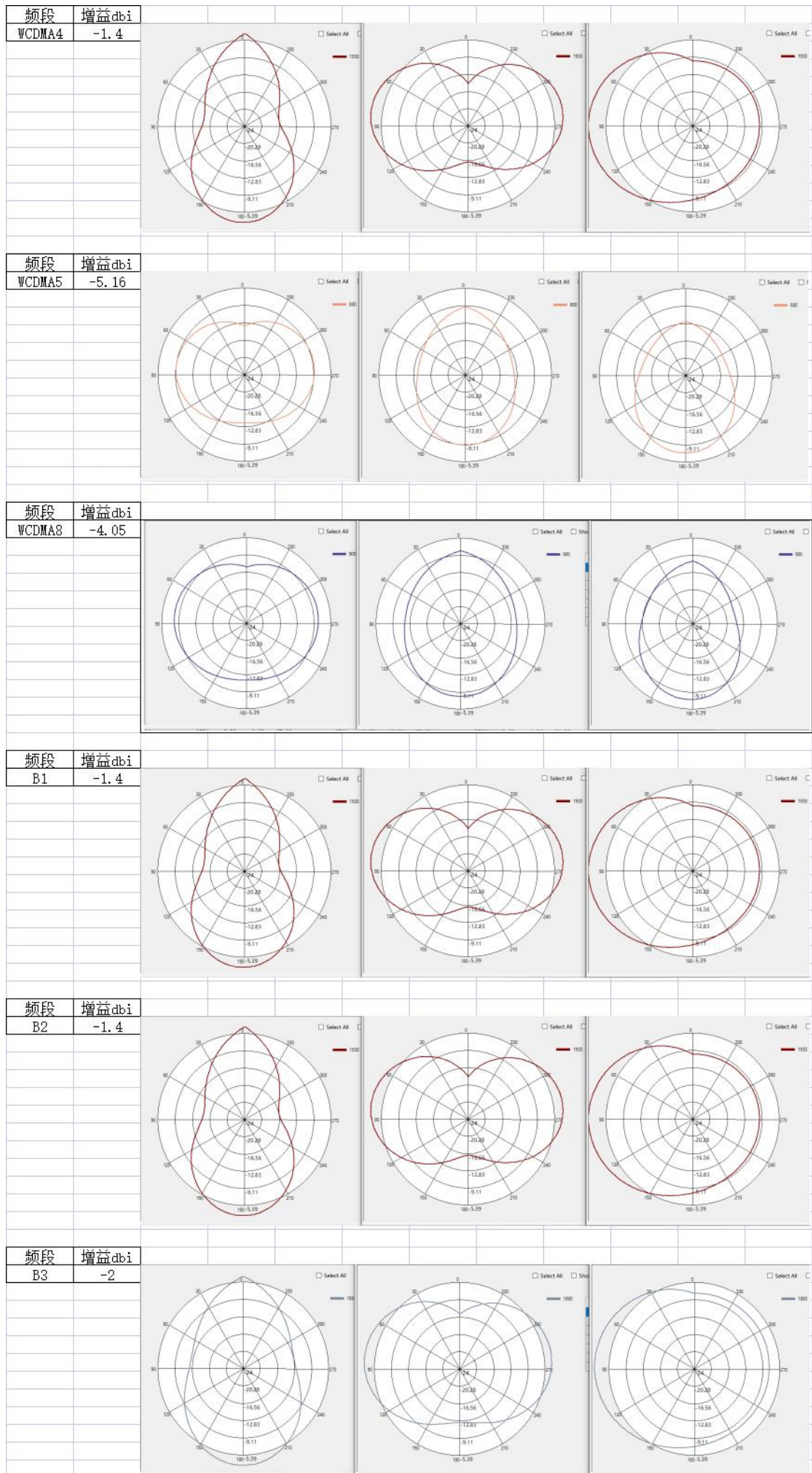


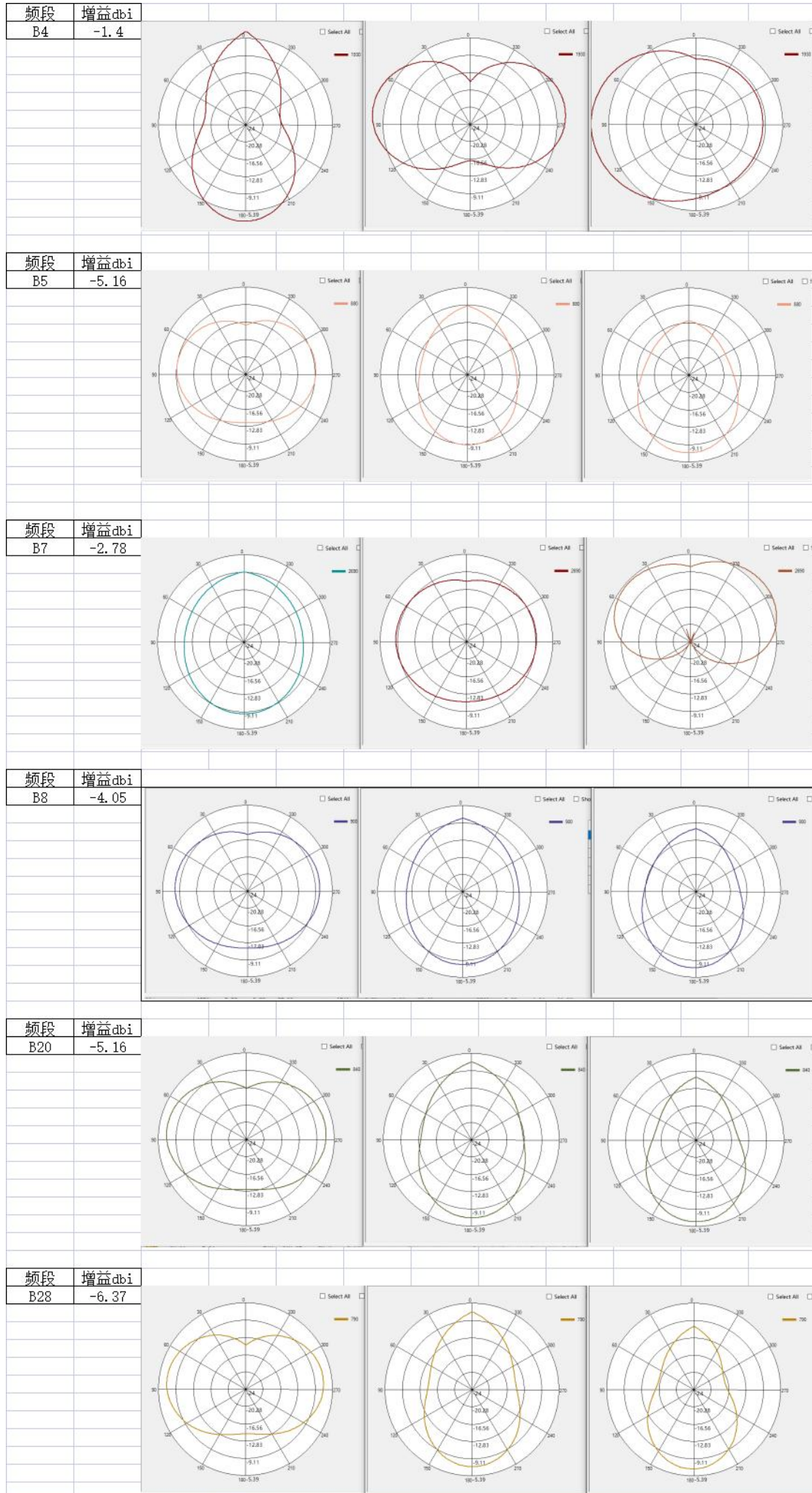
Antenna gain

Band	Main Antenna(dBi)	Band	Div Antenna(dBi)
	Average		Average
LTE B1	-2.5	LTE B1	-4.2
LTE B2	-1.84	LTE B2	-4.9
LTE B3	-2.73	LTE B3	-4.62
LTE B4	-2.48	LTE B4	-4.18
LTE B5	-5.35	LTE B5	-6.8
LTE B7	-3.63	LTE B7	-0.91
LTE B8	-5.46	LTE B8	-7.8
LTE B20	-5.35	LTE B20	-9.7
LTE B28	-6.98	LTE B28	-8.2
LTE B38	-3.82	LTE B38	-3.82
LTE B40	-3.14	LTE B40	-3.14
LTE B41	-3.64	LTE B41	-3.64
GSM850	-5.35	GSM850	-6.8
GSM900	-5.46	GSM900	-7.8
GSM1800	-2.73	GSM1800	-4.62
GSM1900	-1.84	GSM1900	-4.9
WCDMA 1	-2.5	WCDMA 1	-4.2
WCDMA 2	-1.84	WCDMA 2	-4.9
WCDMA 4	-2.48	WCDMA 4	-4.18
WCDMA 5	-5.35	WCDMA 5	-6.8
WCDMA 8	-5.46	WCDMA 8	-7.8
Band	WIFI	Band	GPS
	Average		Average
2.4g wifi	-1.54	GPS	-2. 26
5g wifi	-1.12		

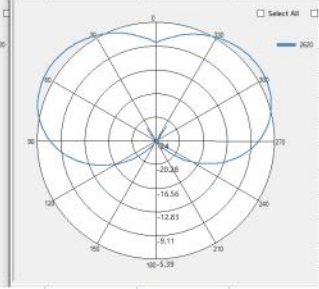
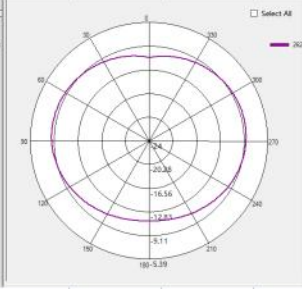
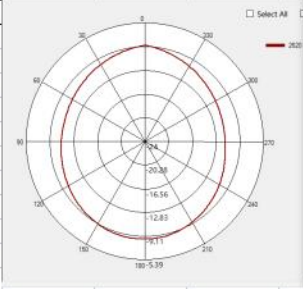
ANT1



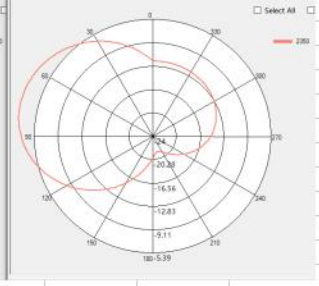
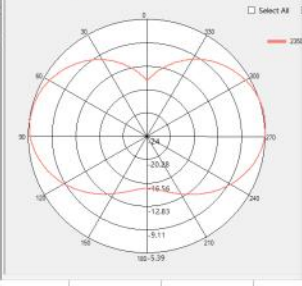
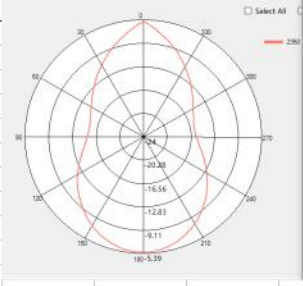




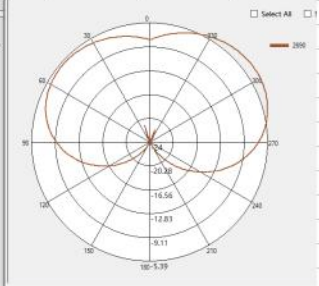
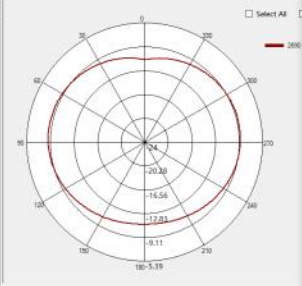
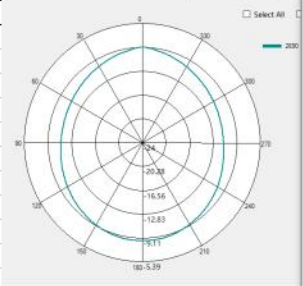
频段	增益dbi
B38	-3.33



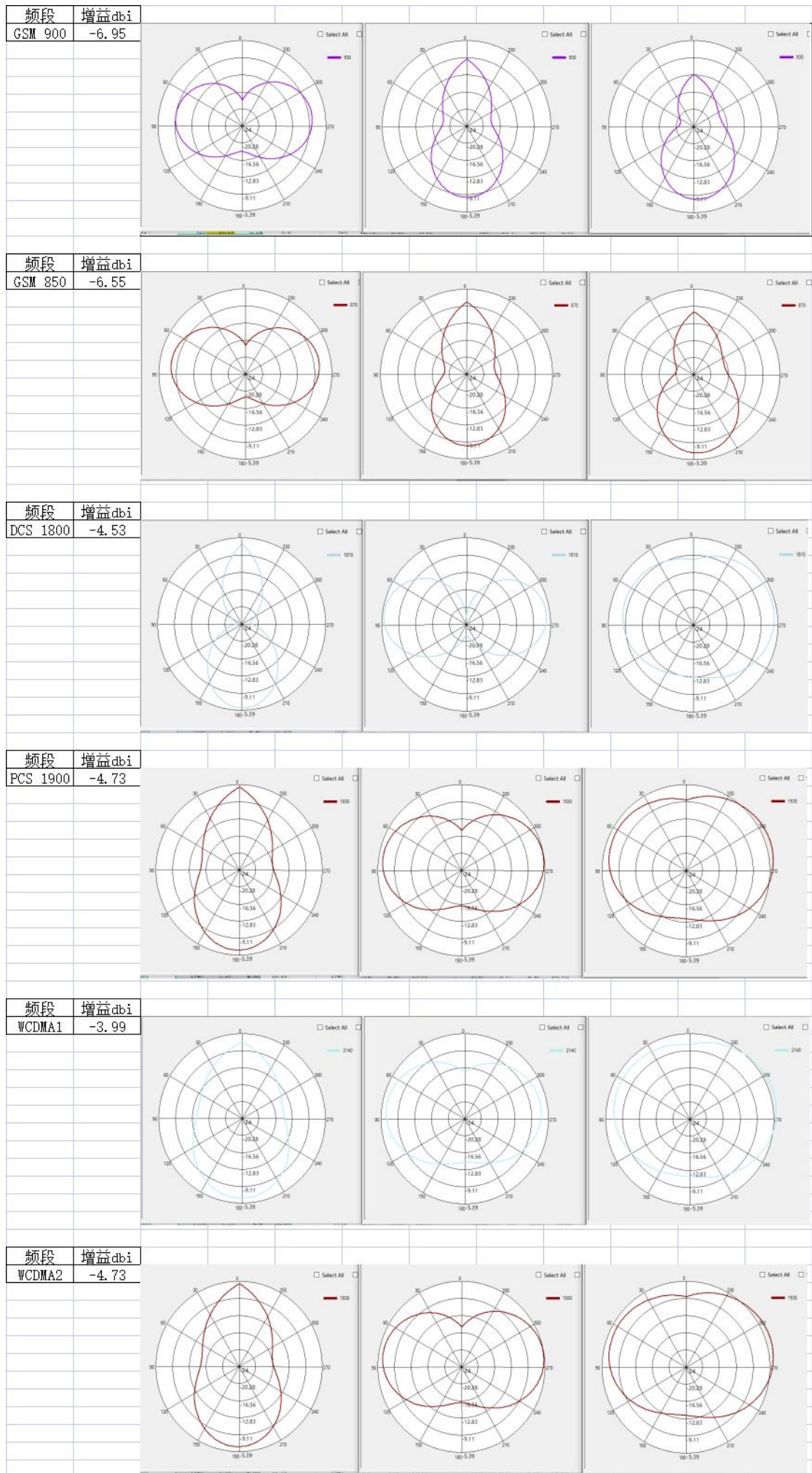
频段	增益dbi
B40	-3.33

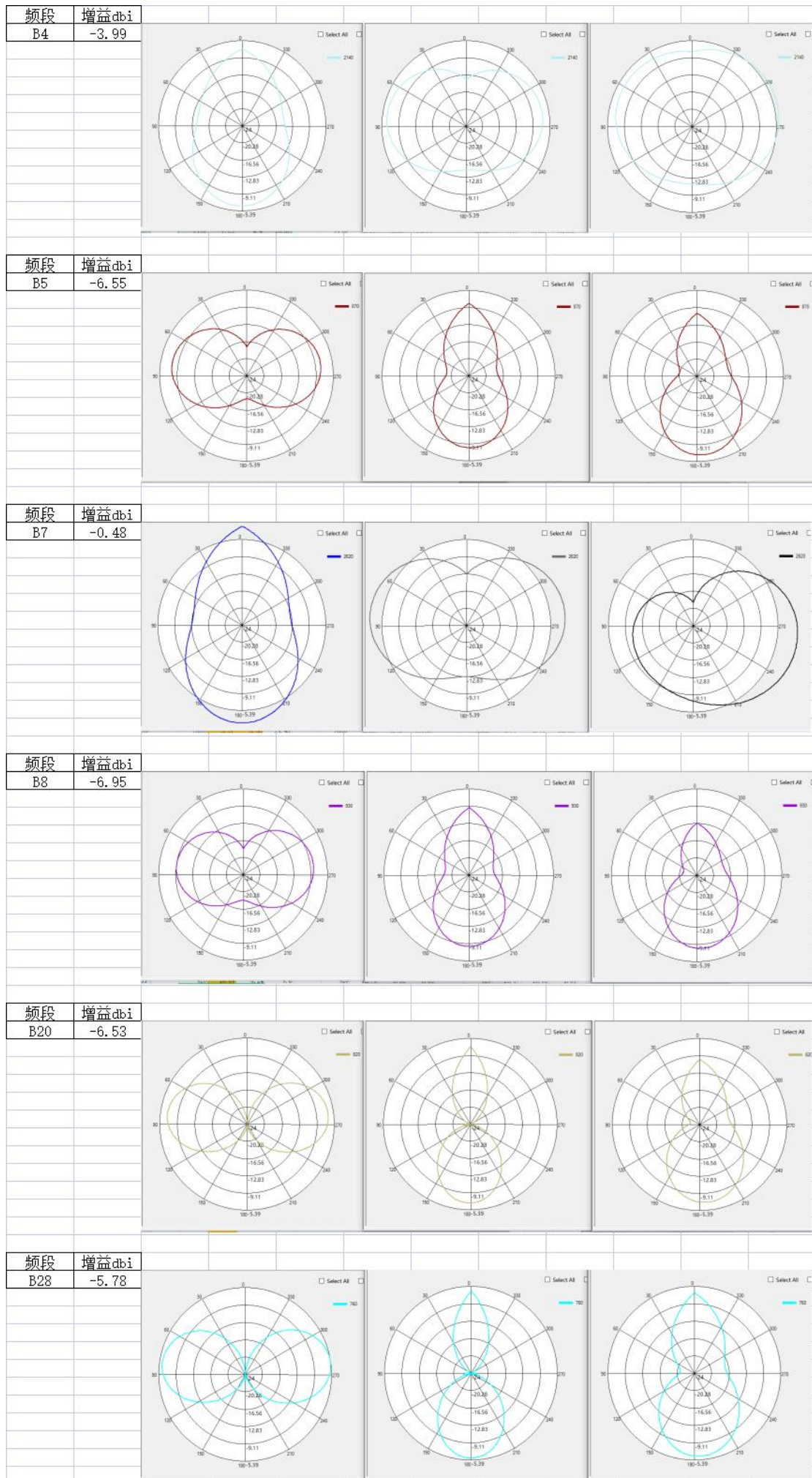


频段	增益dbi
B41	-2.78



ANT2





ANT4

