

Electric Specifications

TYPE	
Transmitter Frequency	LTE 12/13/17/28:699–787MHz
	GSM850/WCDMA B5/LTE B5/20/26:814–862MHz
	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 B2/25:1850–1910MHz
	LTEB7/38/41:2500–2570MHz
	LTE B40:2300–2400MHz
Received Frequency	LTE 12/13/17/28:729–803MHz
	GSM850/WCDMA B5/LTE B5/20/26:858–894MHz 791–821MHz
	GSM 900/WCDMA B8/LTE B8:925–960MHz
	DCS 1800/WCDMA B4/LTE B3/4/66:1805–1880MHz 2110–2200MHz
	WCDMA B1/LTE B1:2110–2170MHz
	PCS 1900/WCDMA B2/LTE B2/25:1930–1995MHz
	LTEB7/38/41:2555–2685MHz
	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 B1/2/3/4/5/7/8/12/13/17/20/25/26/28/38/40/41/66:23+/-2dbm
Antenna Gain(Peak Gain)	LTE B12/13/17/28:-5.46
	GSM 850/W B5/LTE B5/20/26:-5.17
	GSM 900/W B8/LTE B8:-5.14
	DCS 1800/WCDMA B4/LTE B3/4/66:-2.26
	PCS 1900/WCDMA B2/LTE B2/25:-1.09
	WCDMA B1/LTE B1:-1.3
	LTEB7/38/41:0.08
	LTE B40:-1.58
	GPS:1.54
	BT/WIFI 2.4G:-0.075
	WIFI 5G:-0.61
Type of Modulation	GMSK

Supplier information

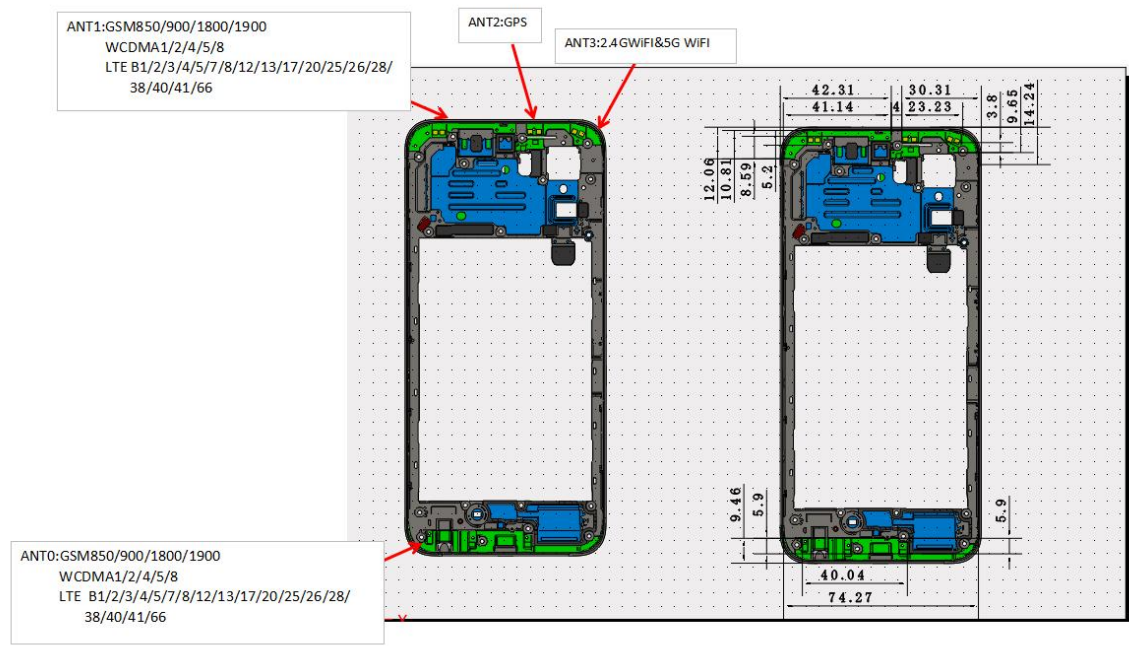
Project Name: X6728

Company: Kunshan Innwave Communication Technology Co., Ltd.

Address: Building H,intu ZhizaoPark,No. 55 Shengchuang Road,Yushan Town,Kunshan City, Jiangsu Province,China

Antenna Name	Model	Part Number
Main	F113K16011A1000	V633A-MAIN
DIV	F113K16015A1000	V633A-DIV
GPS/BT/WIFI 2.4G/WIFI 5G	F113K1601FA1000	V633A-3IN1

Antenna size

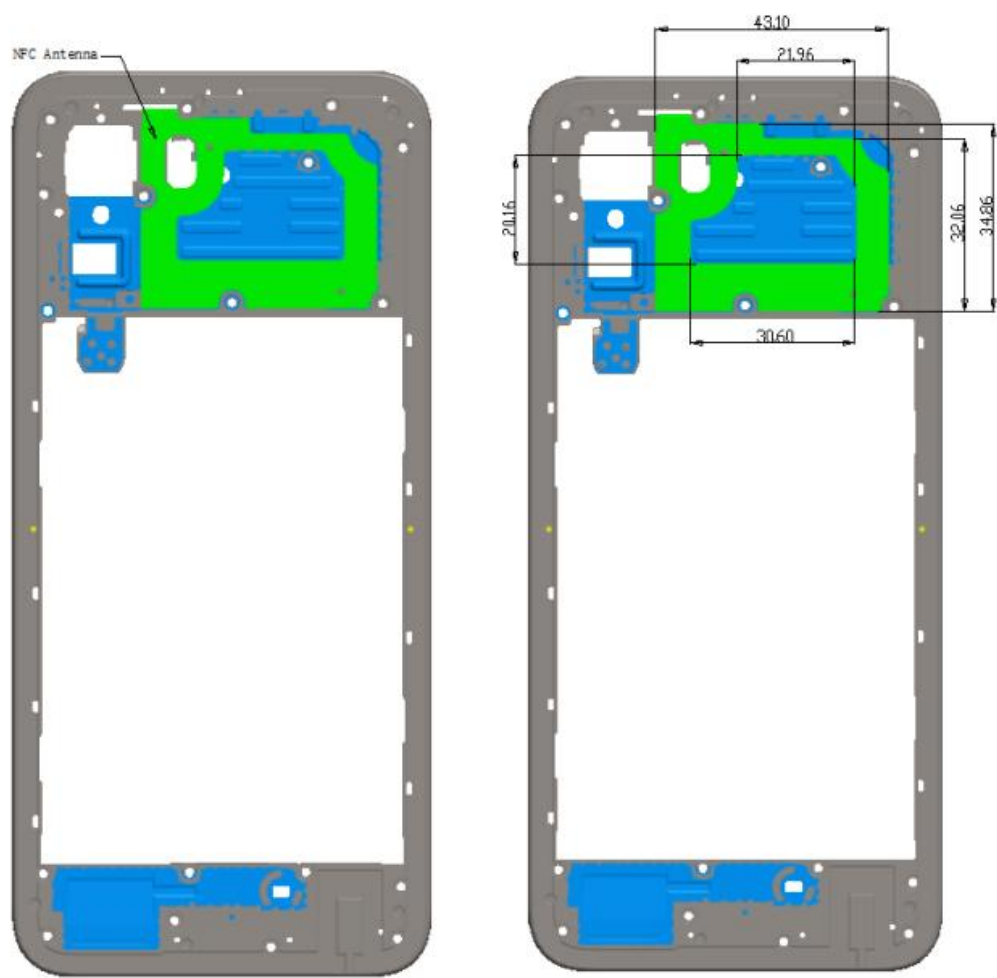


NFC-Antenna size

Supplier information

Project Name: X6728
Company:ETHEAT Communication Technology (ShenZhen) Co.,Ltd.
Address: Factory 401, No.6 Zhangfeng Road, Dongfang Community,
Songgang Street, Baoan District, Shenzhen

Antenna Name	Model	Part Number
NFC Antenna	RD992501NB87-1	V633A-NFC

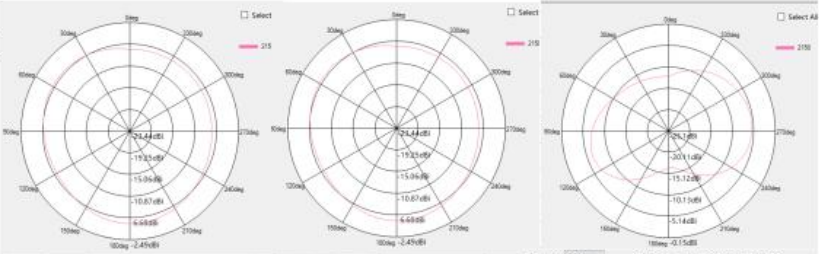


Antenna gain

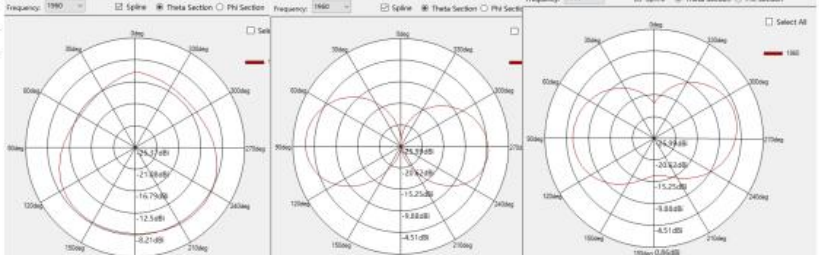
Band	Main Antenna(dBi)	Band	Div Antenna(dBi)
	Average		Average
LTE B1	-0.14	LTE B1	-1.71
LTE B2	-0.05	LTE B2	-1.92
LTE B3	-2.13	LTE B3	-2.8
LTE B4	-2.97	LTE B4	-1.55
LTE B5	-4.96	LTE B5	-5.6
LTE B7	-2.34	LTE B7	-0.17
LTE B8	-4.74	LTE B8	-5.65
LTE B12	-6.67	LTE B12	-6.61
LTE B13	-5.10	LTE B13	-6.01
LTE B17	-6.67	LTE B17	-6.35
LTE B25	-0.05	LTE B25	-1.92
LTE B26	-4.96	LTE B26	-5.60
LTE B66	-2.13	LTE B66	-1.72
LTE B20	-5.13	LTE B20	-5.79
LTE B28	-6.46	LTE B28	-5.8
LTE B38	-3.21	LTE B38	-0.18
LTE B40	-0.65	LTE B40	-5.6
LTE B41	-2.52	LTE B41	-0.92
GSM850	-4.96	GSM850	-5.6
GSM900	-4.74	GSM900	-5.65
GSM1800	-2.13	GSM1800	-2.8
GSM1900	-0.05	GSM1900	-1.92
WCDMA 1	-0.14	WCDMA 1	-1.71
WCDMA 2	-0.05	WCDMA 2	-1.92
WCDMA 4	-2.97	WCDMA 4	-1.55
WCDMA 5	-4.96	WCDMA 5	-5.6
WCDMA 8	-4.74	WCDMA 8	-5.65
Band	WIFI	Band	GPS
	Average		Average
2.4g wifi	-0.92	GPS	-1.54
5g wifi	-1.64		

ANTO

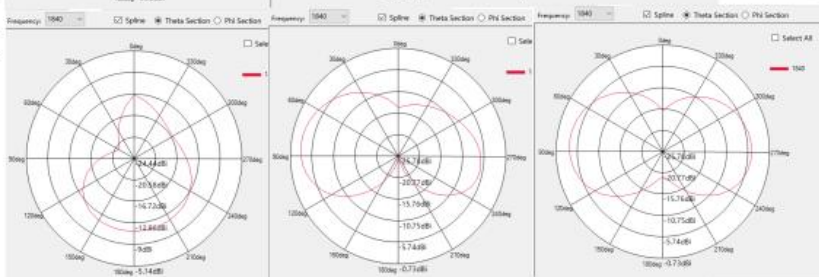
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B1	-1.71



频段	增益dbi
B2	-1.92



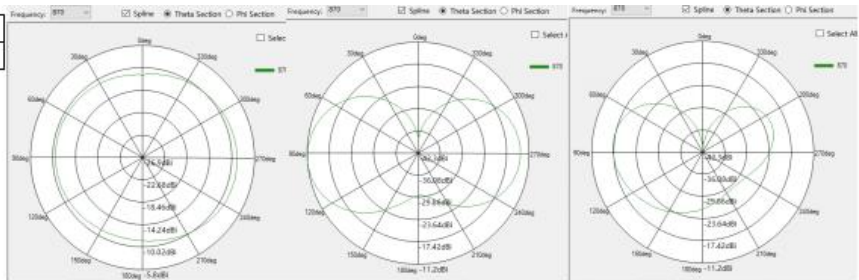
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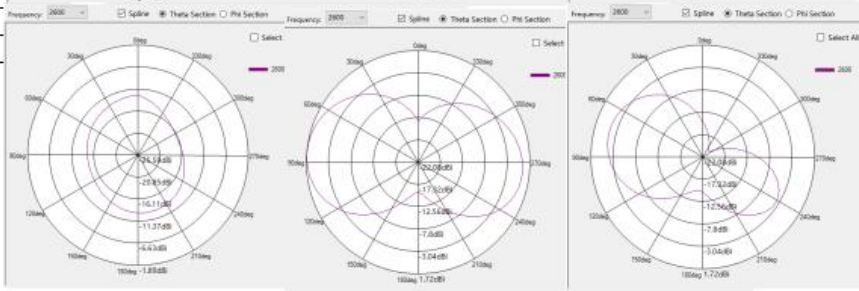
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B4	-1.55



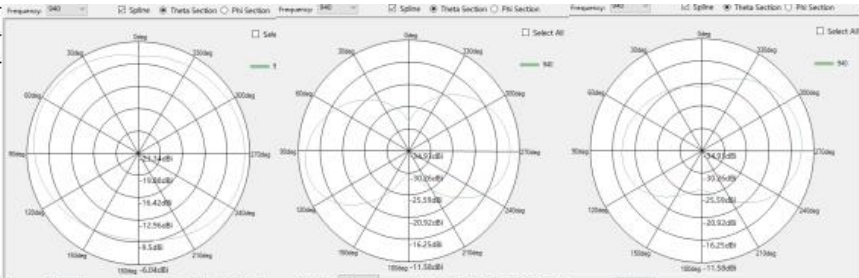
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B5	-5.6



频段	增益dbi
B7	-0.17



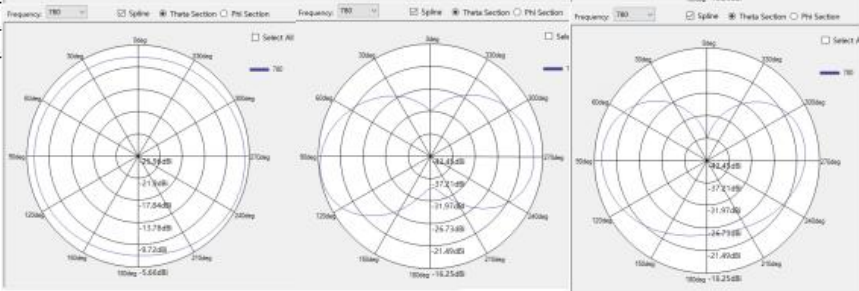
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B8	-5.65



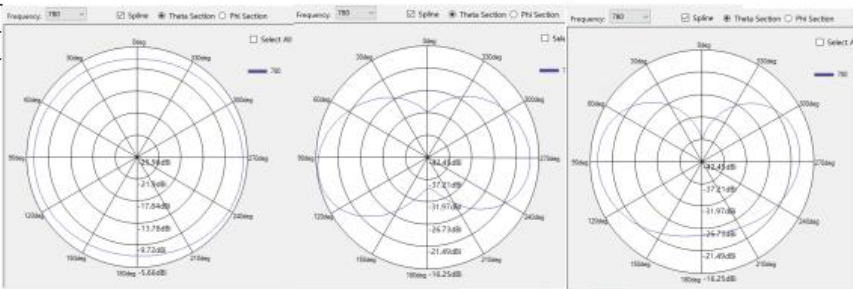
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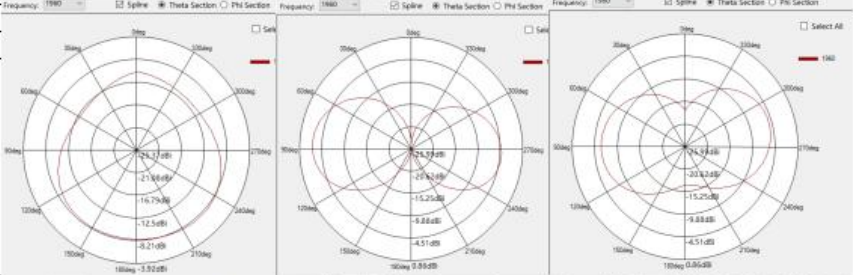
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B13	-6.01



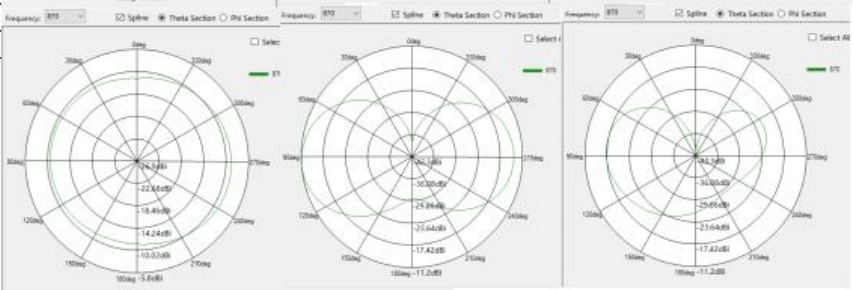
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B17	-6.35



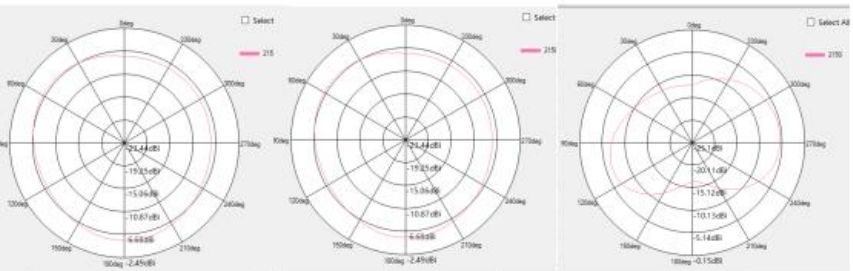
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B25	-1.92



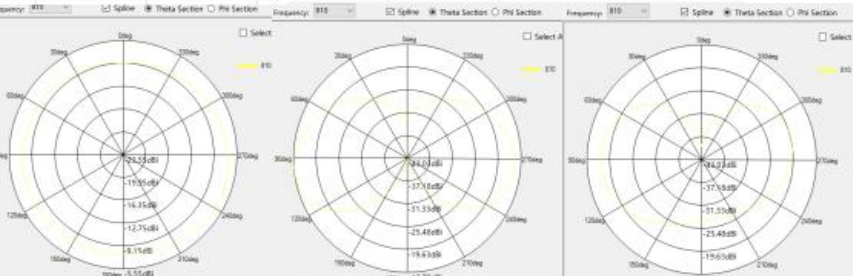
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B26	-5.6



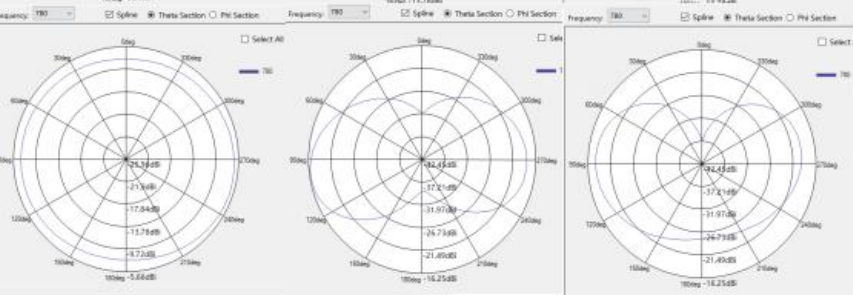
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B66	-1.72



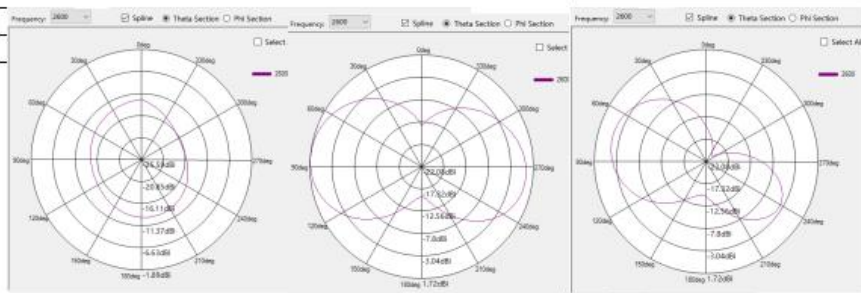
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B20	-5.79



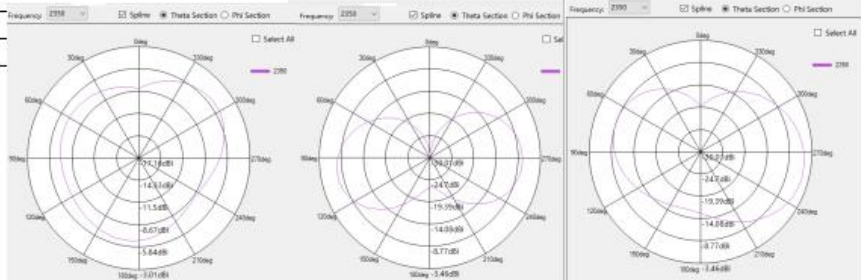
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B28	-5.8



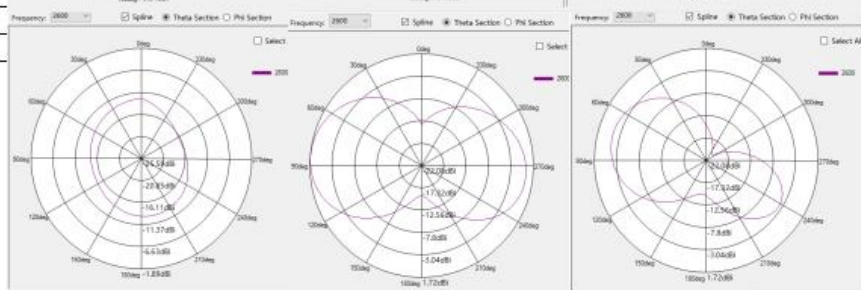
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B38	-0.18



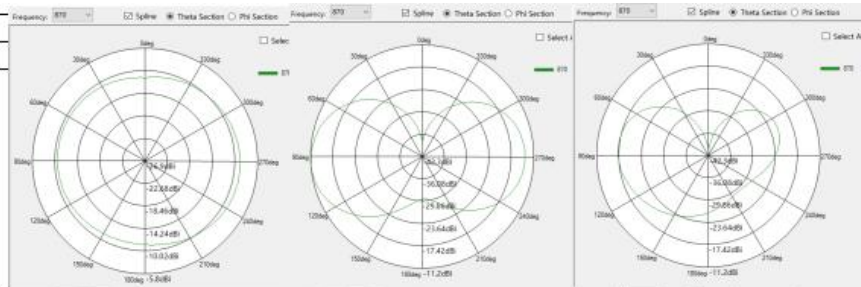
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B40	-5.6



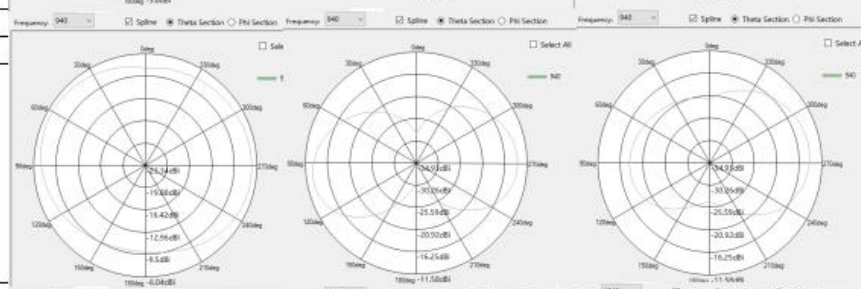
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B41	-0.92



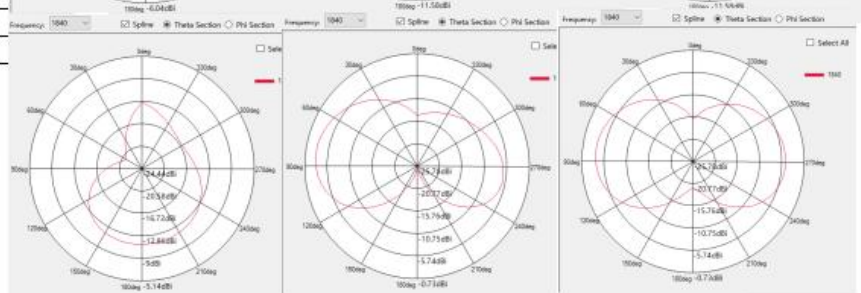
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GSM850	-5.6



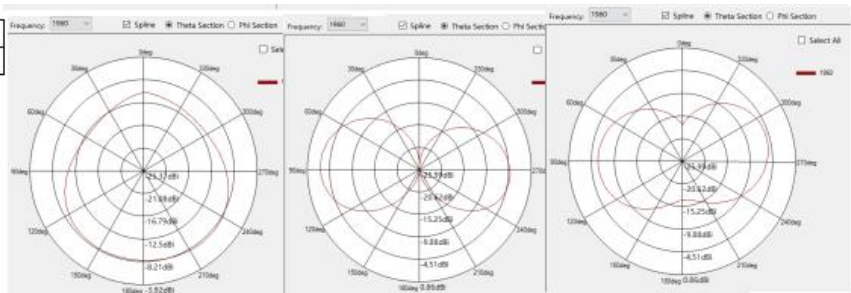
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GSM900	-5.65



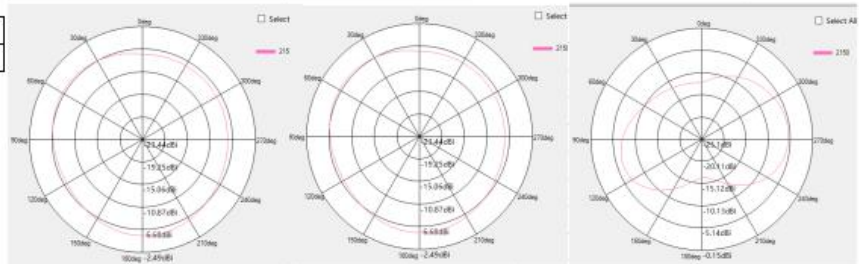
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GSM1800	-2.8



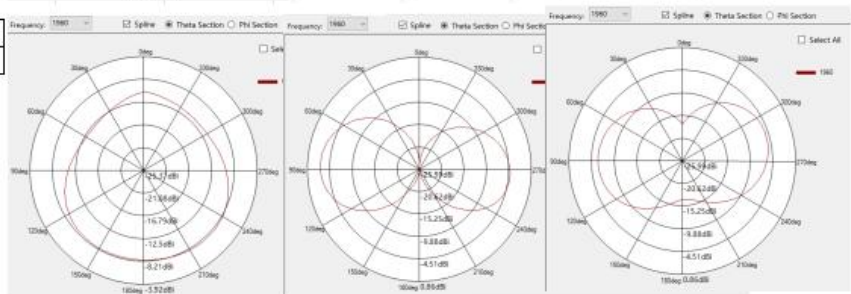
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GSM1900	-1.92



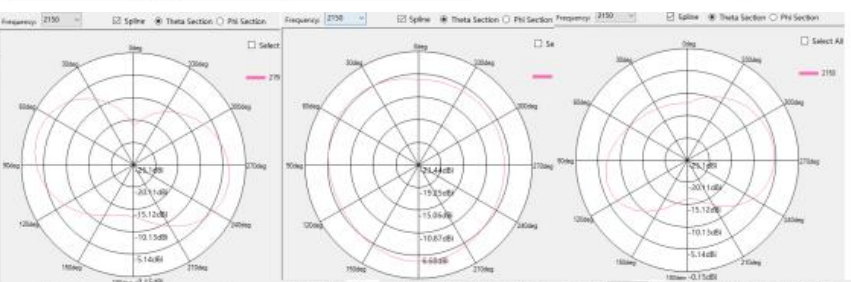
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W1	-1.71



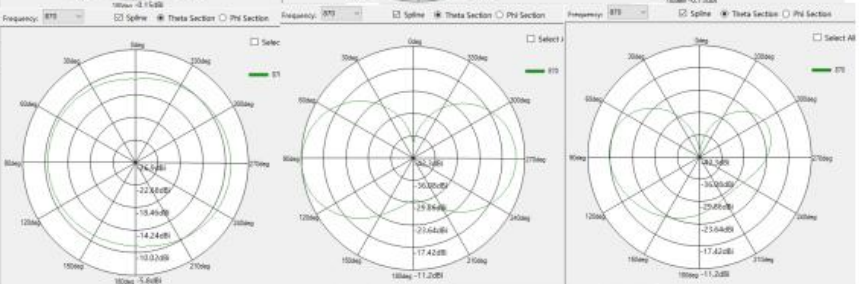
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W2	-1.92



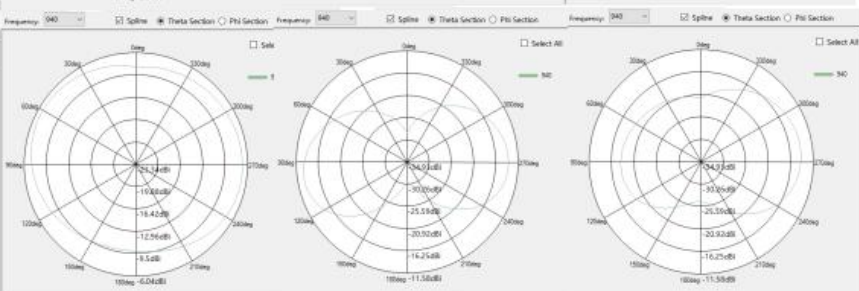
频段	增益dbi
W4	-1.55



频段	增益dbi
W5	-5.6

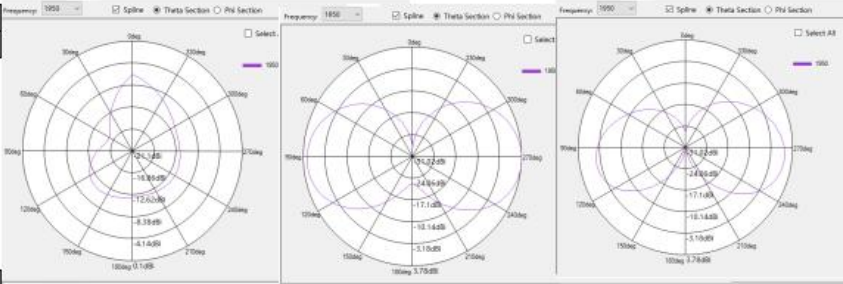


频段	增益dbi
W8	-5.65

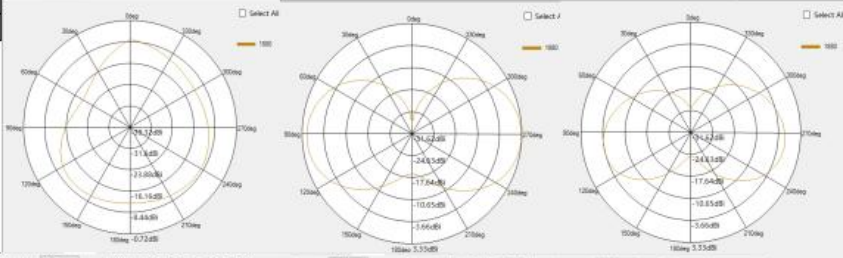


ANT1

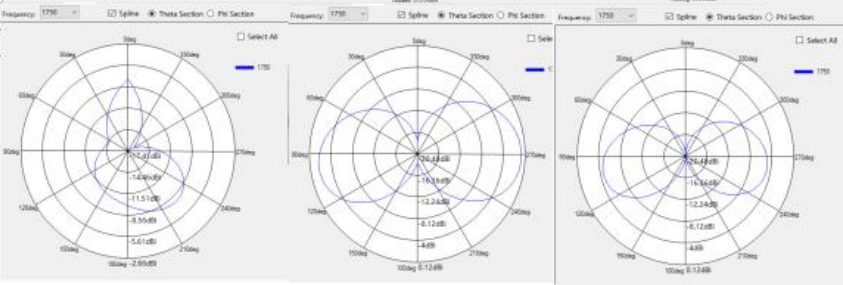
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B1	-0.14



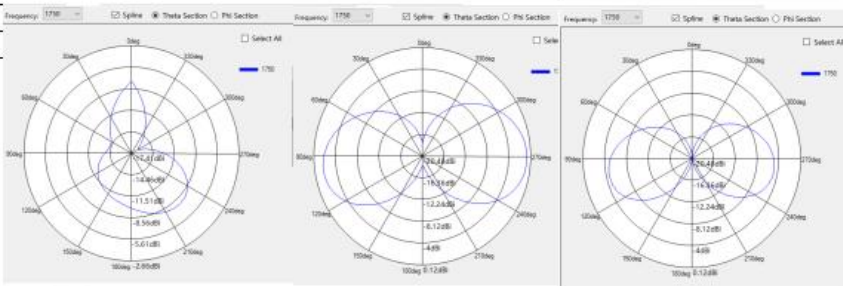
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B2	-0.05



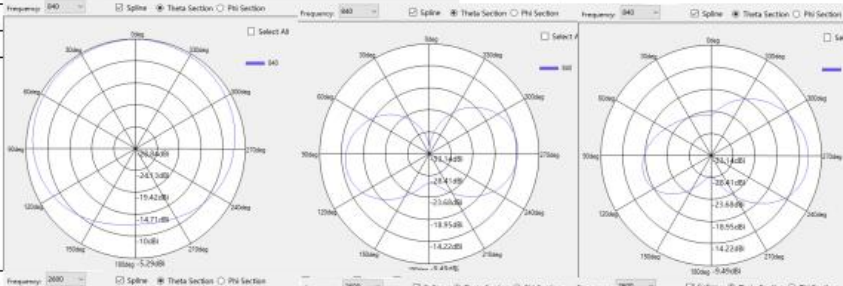
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B3	-2.13



频段	增益dbi
B4	-2.97



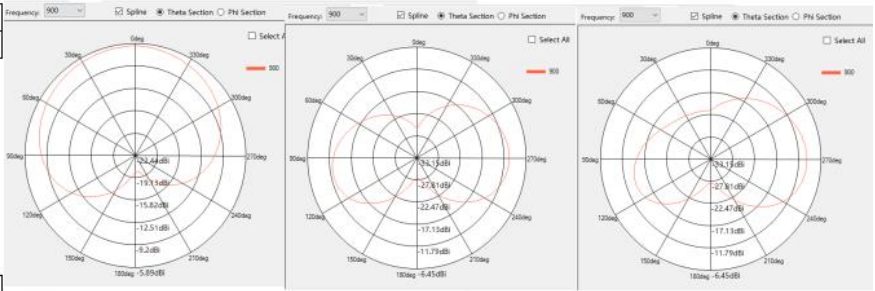
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B5	-4.96



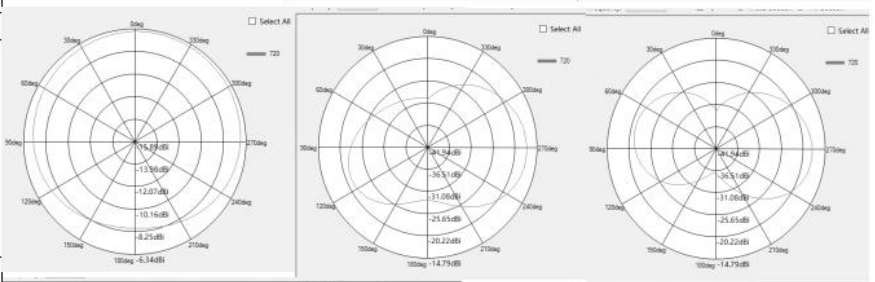
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B7	-2.34



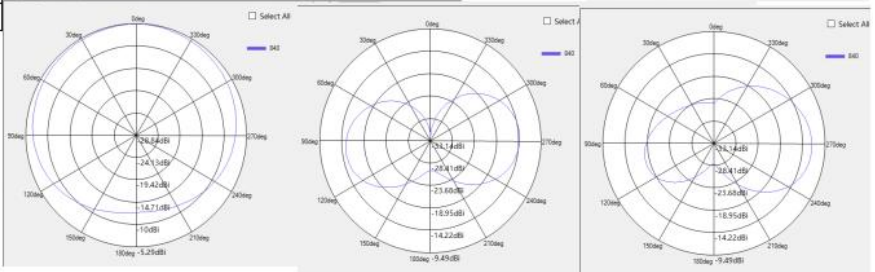
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B8	-4.74



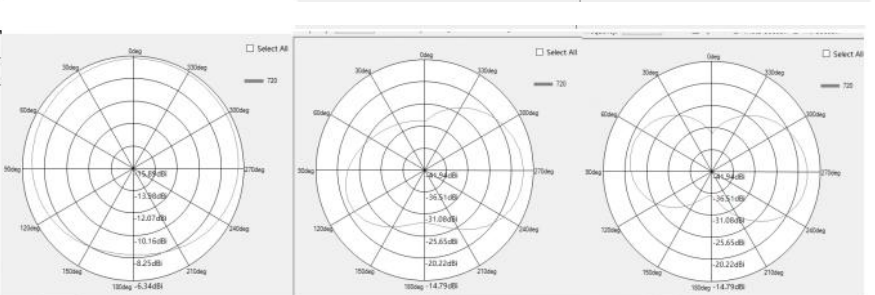
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B12	-6.67



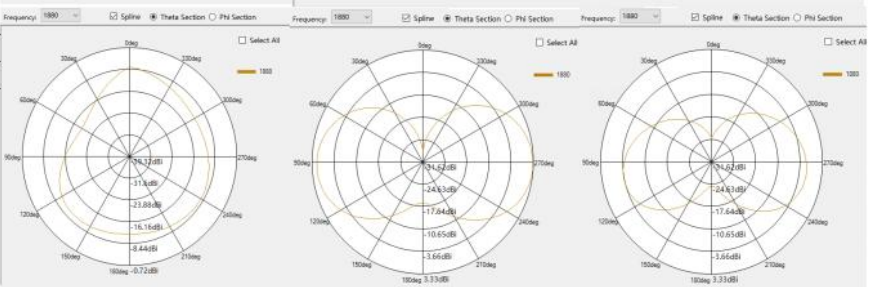
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B13	-5.1



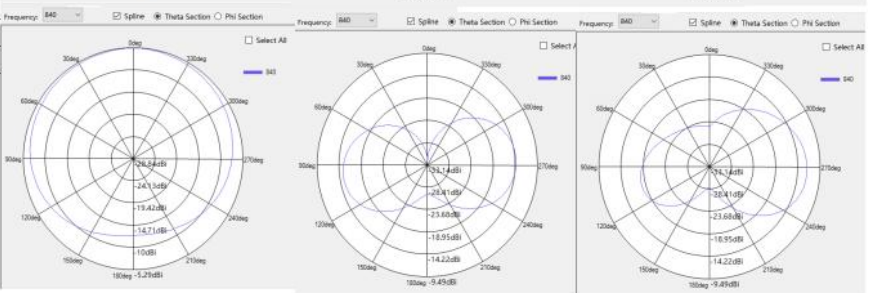
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B17	-6.67



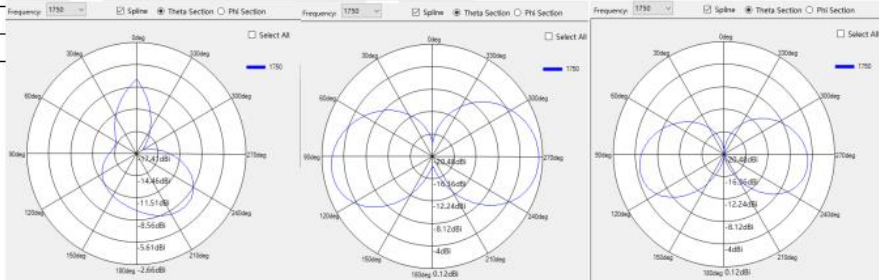
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B25	-0.05



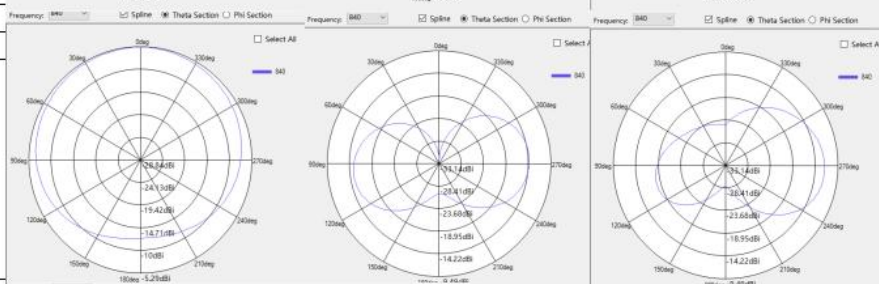
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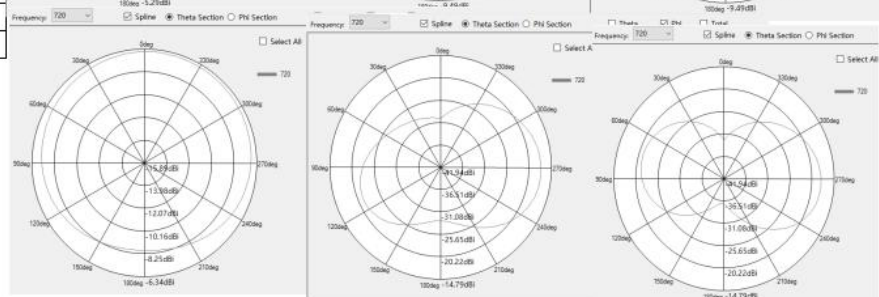
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B66	-2.13



频段	增益dbi
B20	-5.13



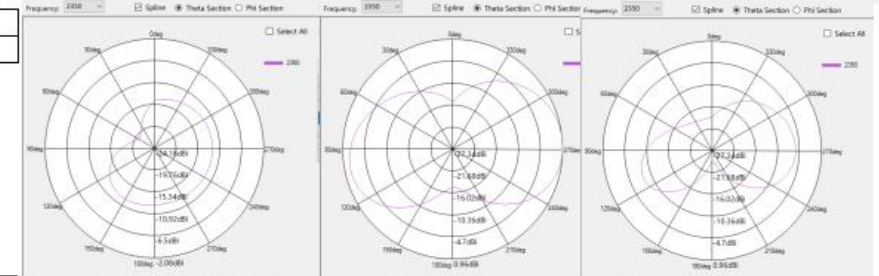
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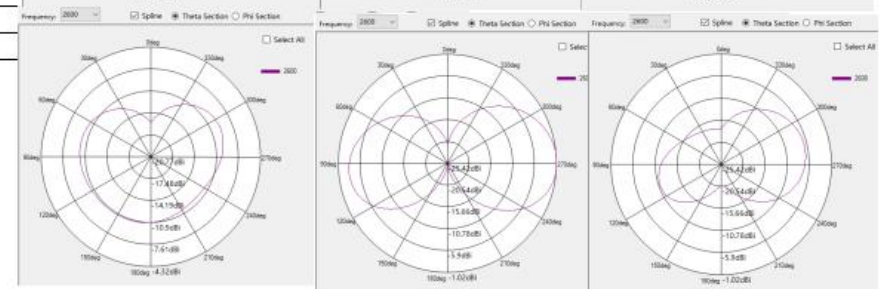
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B38	-3.21



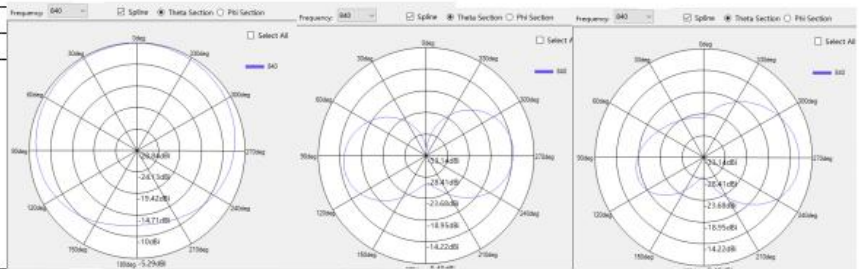
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B40	-0.65



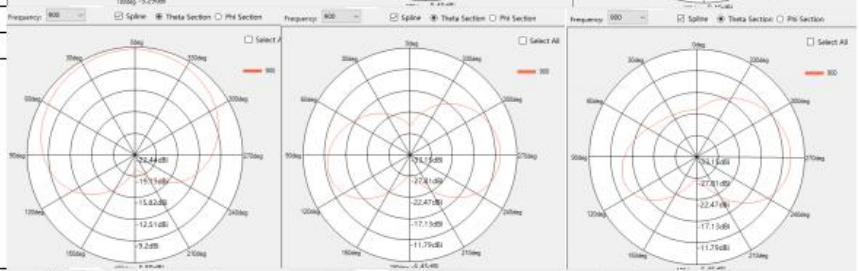
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B41	-2.52



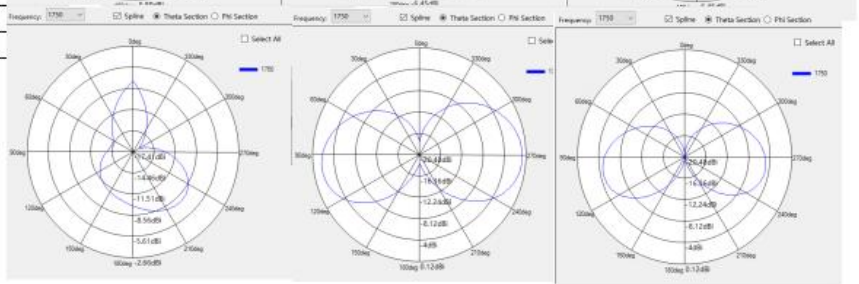
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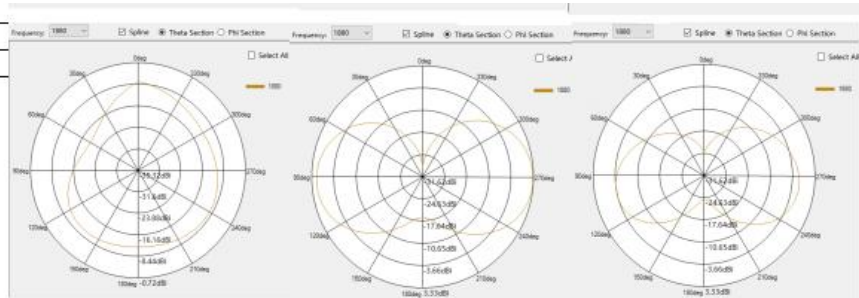
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GSM900	-4.74



频段	增益dbi
GSM1800	-2.13



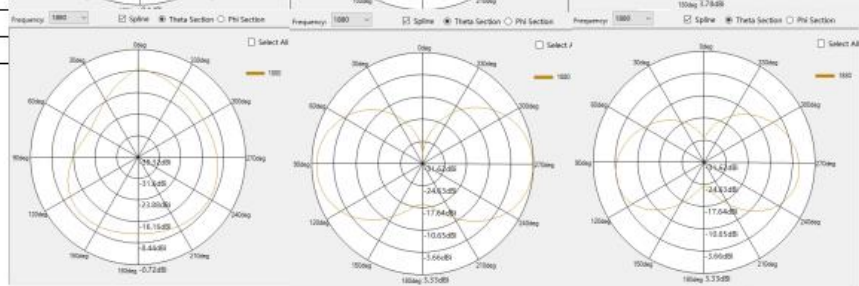
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GSM1900	-0.05



频段	增益dbi
W1	-0.14



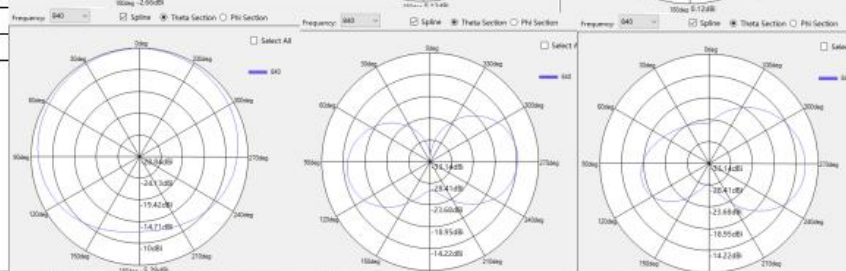
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W2	-0.05



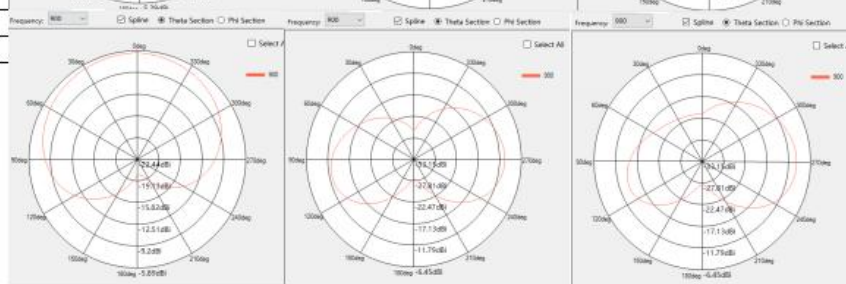
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W4	-2.97



频段	增益dbi
W5	-4.96

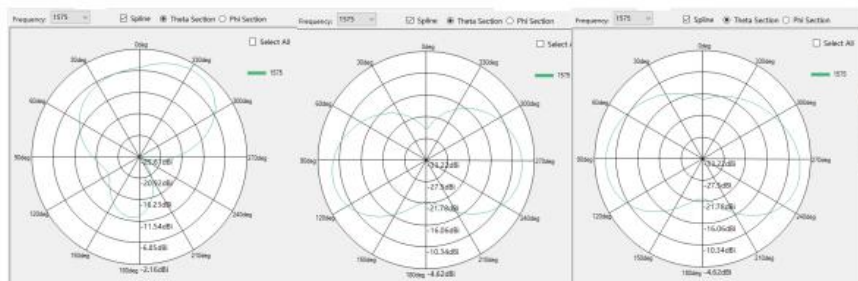


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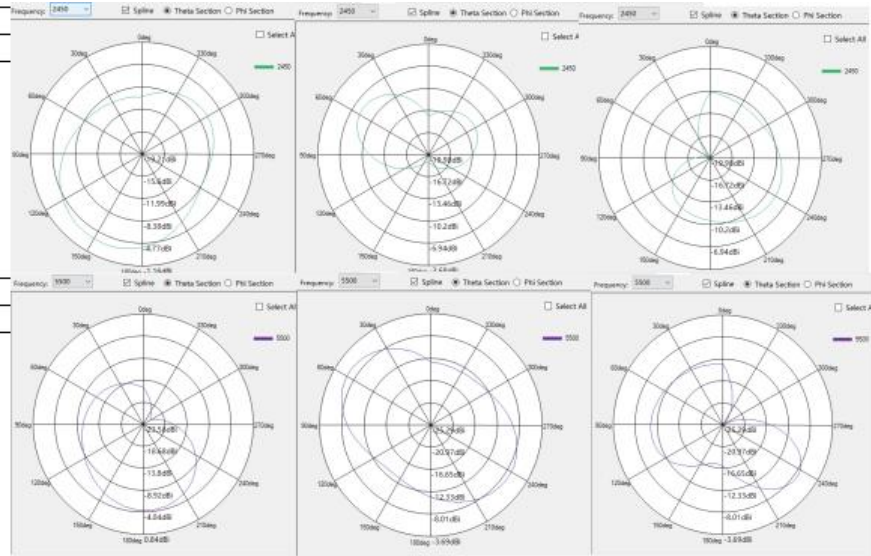
ANT2

频段	增益dbi
GPS	-1.54



ANT3

频段	增益dbi
WiFi 2.4G	-0.92



频段	增益dbi
WiFi 5G	-1.64