

Electric Specifications

TYPE	
Transmitter Frequency	LTE 28/12/13/17:699-748MHz
	GSM850/WCDMA B5/LTE B5/20/26:824-849MHz
	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 B2/25:1850-1910MHz
	LTEB7/38/41:2505-2565MHz
	LTE B40:2300-2400MHz
Received Frequency	LTE B28/12/13/17:758-803MHz
	GSM850/WCDMA B5/LTE B5/20/26:858-894MHz
	GSM 900/WCDMA B8/LTE B8:925-960MHz
	DCS 1800/WCDMA B4/LTE B3/4/66:1805-1880MHz 2110-2155MHz
	WCDMA B1/LTE B1:2110-2170MHz
	PCS 1900/WCDMA B2/LTE B2/25:1930-1990MHz
	LTEB7/38/41:2625-2685MHz
	LTE B40:2300-2400MHz
RF-Output Power (E. I. R. P)	GSM850/900:32.5+/-2dBm
	DCS/PCS:30+/-2dBm
	WCDMA B1/2/4/5/8 23 +1/-3dBm
	LTE B1/2/3/4/5/7/8/12/13/17/20/25/26/28/38/40/41/66:23+/-2.7dBm
Antenna Gain(Peak Gain)	LTE B28:-6.35
	GSM 850/W B5/LTE B5/20:-5.17
	GSM 900/W B8/LTE B8:-4.18
	DCS 1800/WCDMA B4/LTE B3/4:-2.82
	PCS 1900/WCDMA B2/LTE B2:-3.21
	WCDMA B1/LTE B1:-3.21
	LTEB7/38/41:-1.8
	LTE B40:0.08
	GPS:-1.58
	BT/WIFI 2.4G:-1.51
WIFI 5G:1.51	
Type of Modulation	GMSK/8PSK(GSM) QPSK/16QAM/64QAM(DL Only) (WCDMA/dual-cell HSDPA/HSUPA) QPSK/16QAM/64QAM (DL Only)(LTE) BPSK/QPSK/16QAM/64QAM/256QAM/DSSS/OFDM/ CCK (WIFI 2.4GHz and 5GHz b/g/n/a/ac) GFSK/ $\pi/4$ -DQPSK/ 8-DPSK(Bluetooth)

Supplier information

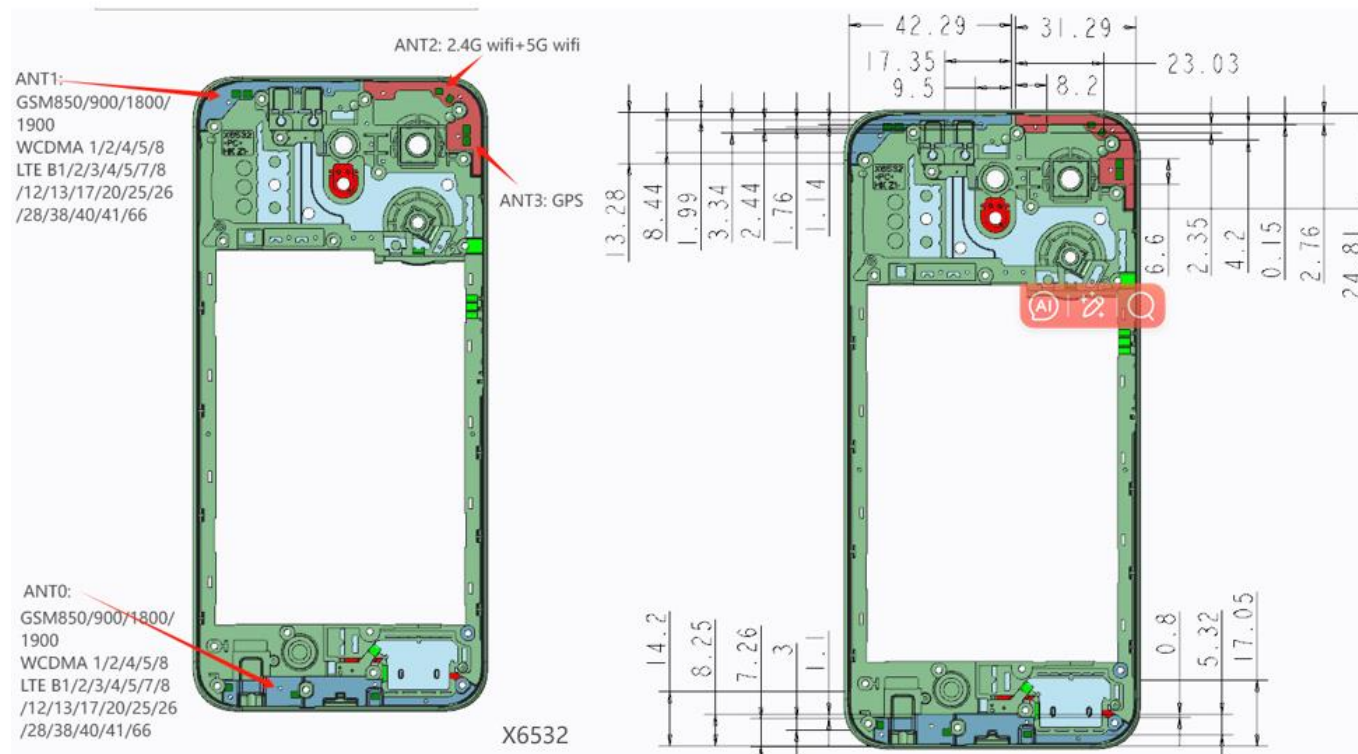
Project Name: X6532

Company:ETHETA COMMUNICATION TECHNOLOGY CO.,LTD.

Address: Zone B and D,Floor 3, Building 1, Baisha Science and Technology Industrial park, No.3011,sha he west Rord, Nanshan District, Shenzhen No.408, Floor 4,Building 1,Liren Science park, Software New City, Yanta District, Xi 'an

Antenna Name	Model	Part Number
Main	RD992405NY87-2	X6532-MAIN
DIV	RD992405NY87-1	X6532-DIV
GPS/BT/WIFI 2.4G/WIFI 5G	RD992405NY87-3	X6532-3IN1

Antenna size



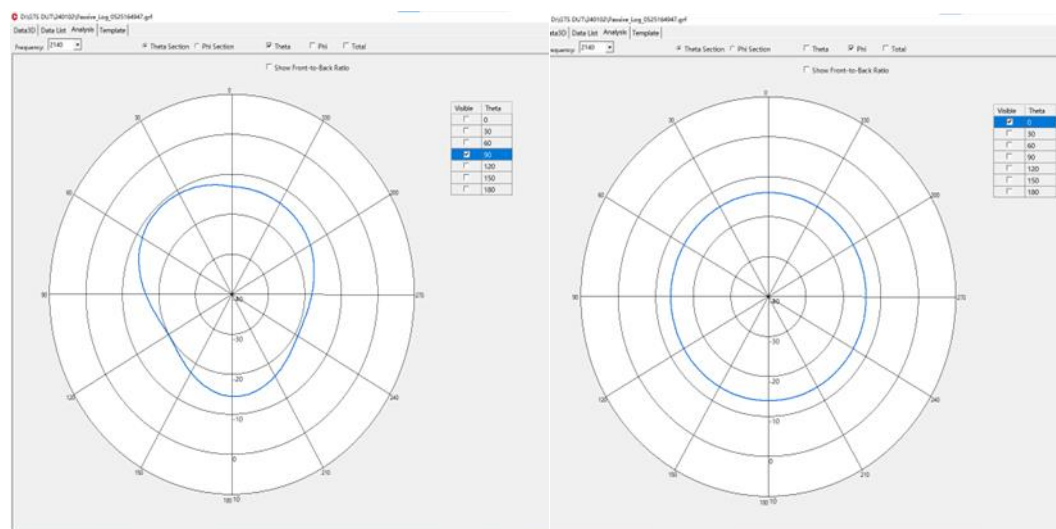
Antenna gain

Band	Main Antenna(dBi)	Band	Div Antenna(dBi)
	Average		Average
LTE B1	-3.21	LTE B1	-2.55

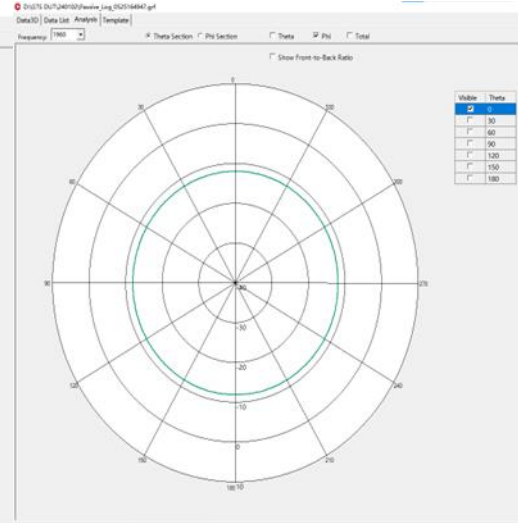
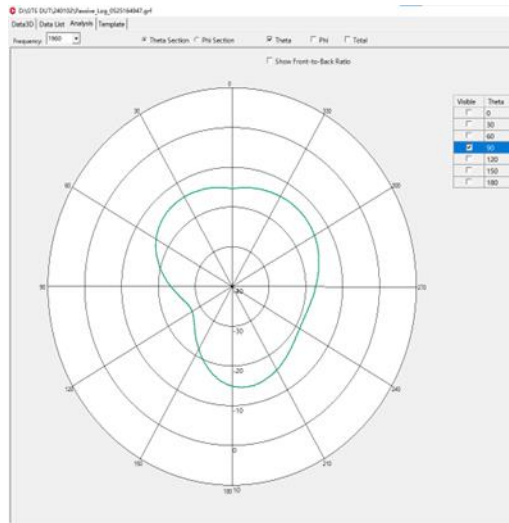
LTE B2	-3.21	LTE B2	-1.1
LTE B3	-2.82	LTE B3	-1.51
LTE B4	-2.82	LTE B4	-2.5
LTE B5	-5.17	LTE B5	-6.42
LTE B7	-1.8	LTE B7	-1.55
LTE B8	-4.18	LTE B8	-5.17
LTE B12	-6.35	LTE B12	-6.31
LTE B13	-6.35	LTE B13	-5.8
LTE B17	-6.35	LTE B17	-6.31
LTE B20	-5.17	LTE B20	-5
LTE B25	-3.21	LTE B25	-1.1
LTE B26	-5.17	LTE B26	-6.42
LTE B28	-6.35	LTE B28	-5.26
LTE B38	-1.80	LTE B38	-1.72
LTE B40	0.08	LTE B40	0.35
LTE B41	-1.8	LTE B41	-1.55
LTE B66	-2.82	LTE B66	-2.55
GSM850	-5.17	GSM850	-6.42
GSM900	-4.18	GSM900	-5.17
GSM1800	-2.82	GSM1800	-1.51
GSM1900	-3.21	GSM1900	-1.1
WCDMA 1	-3.21	WCDMA 1	-2.55
WCDMA 2	-3.21	WCDMA 2	-1.1
WCDMA 4	-2.82	WCDMA 4	-2.5
WCDMA 5	-5.17	WCDMA 5	-6.42
WCDMA 8	-4.18	WCDMA 8	-5.17
Band	WIFI	Band	GPS
	Average		Average
2.4g wifi	-1.51	GPS	-1.58
5g wifi	1.51		

ANTO

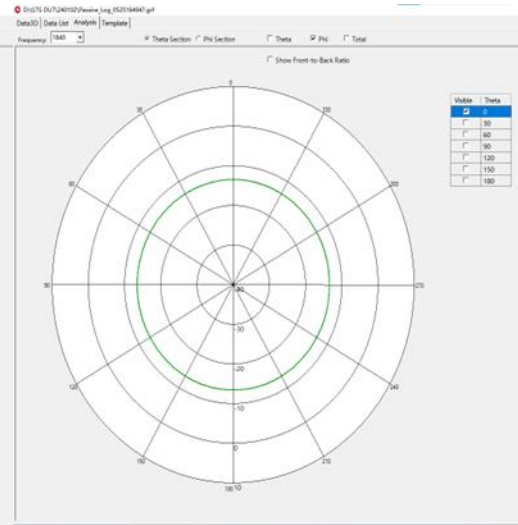
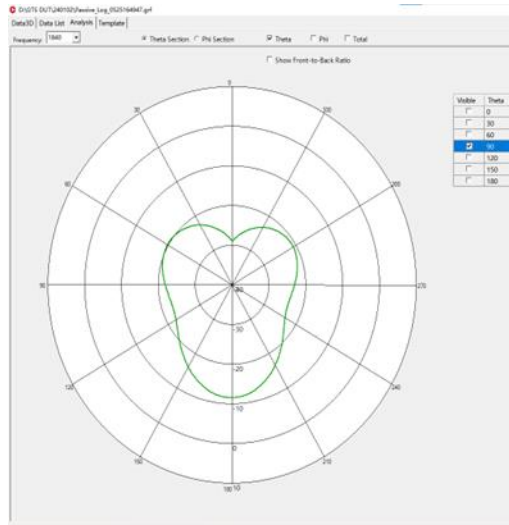
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B1	-2.55



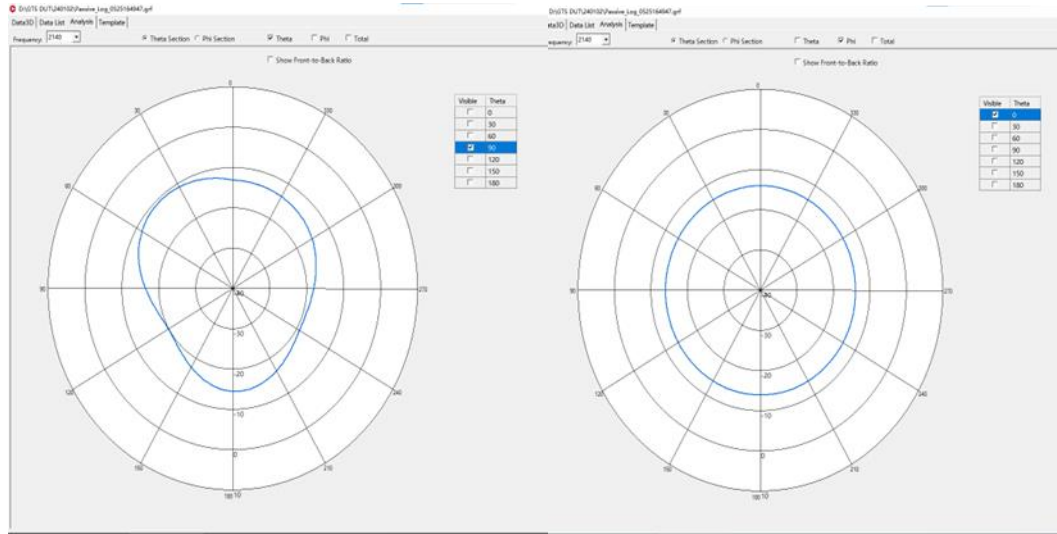
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B2	-1.1



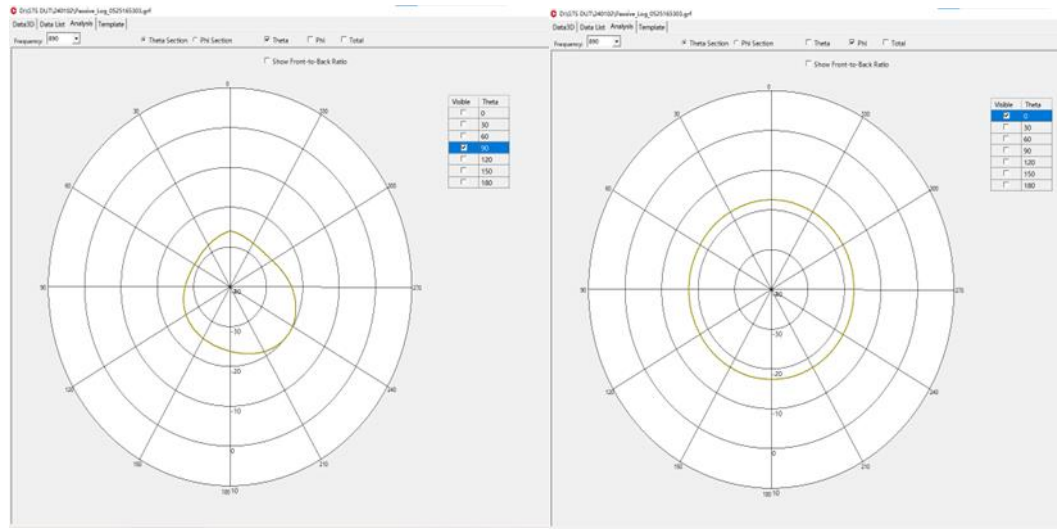
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B3	-1.51



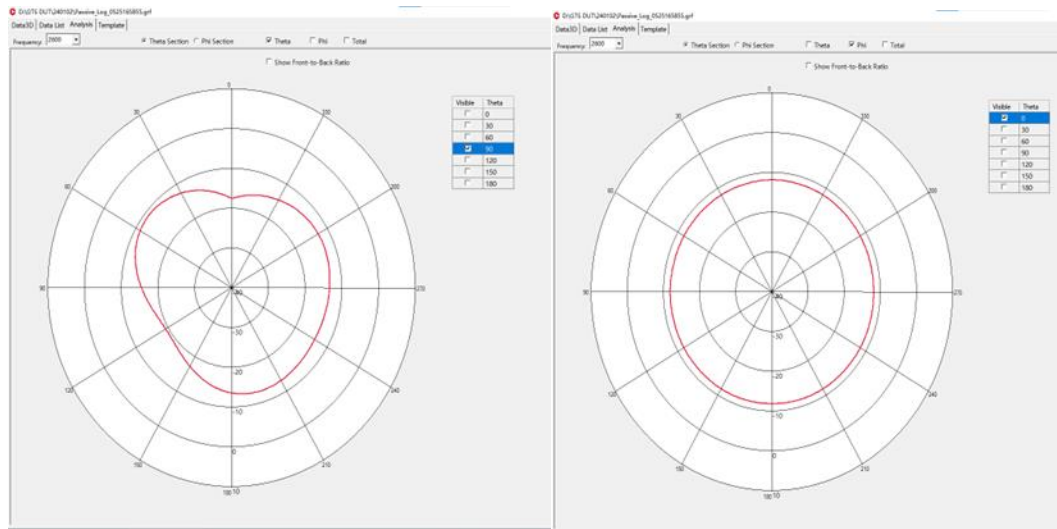
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B4	-2.5



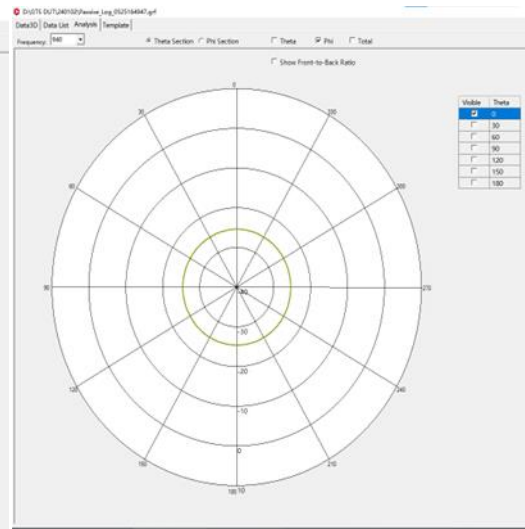
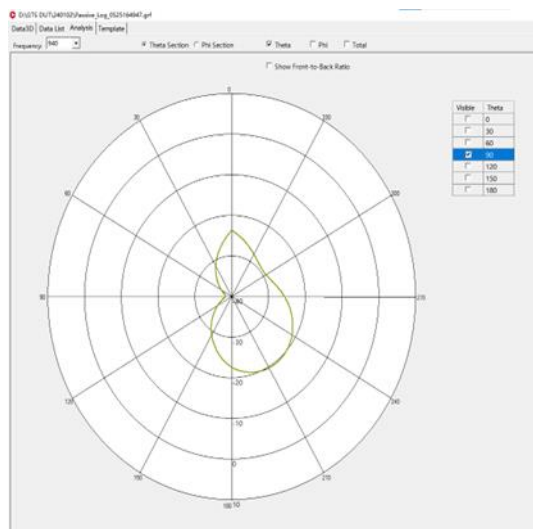
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B5	-6.42



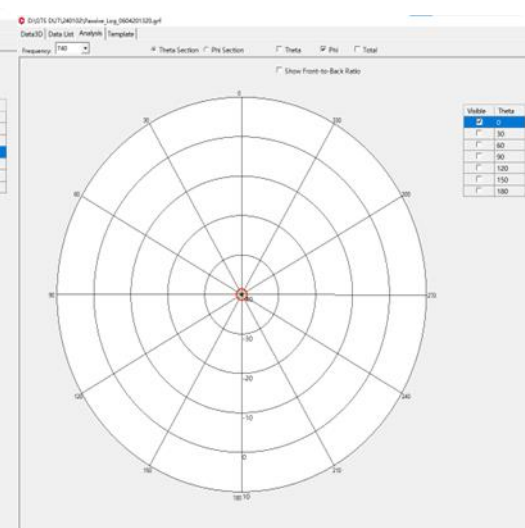
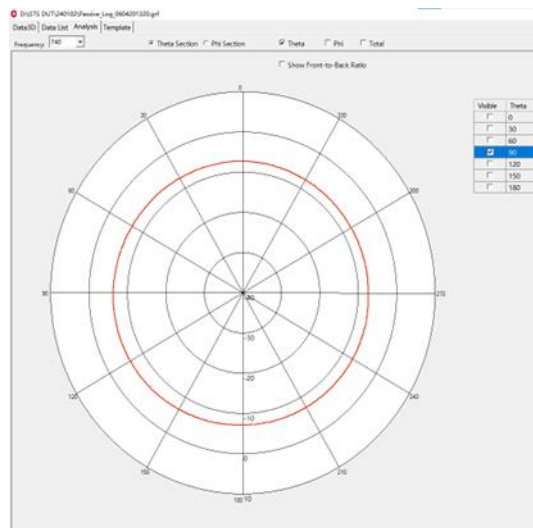
band	Gain dBi
B7	-1.55



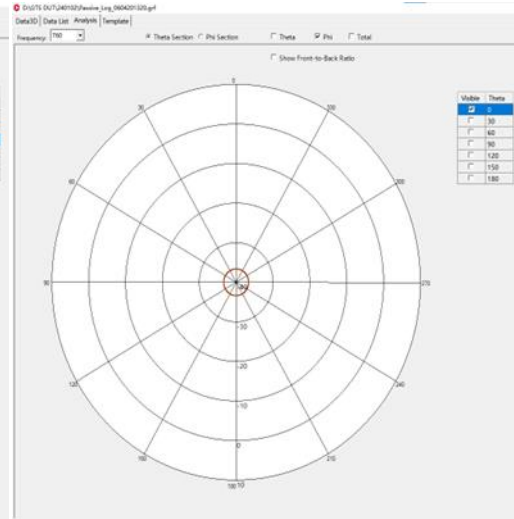
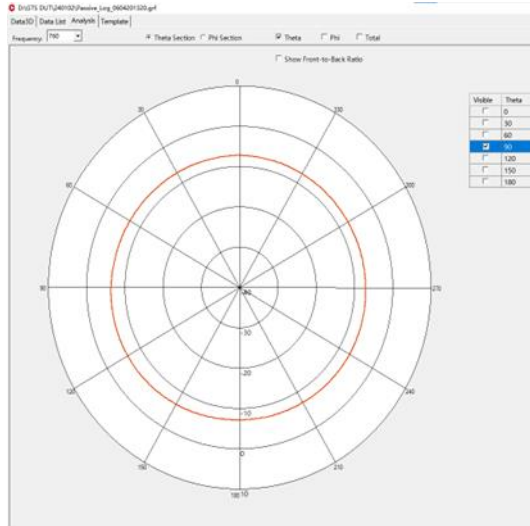
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B8	-5.17



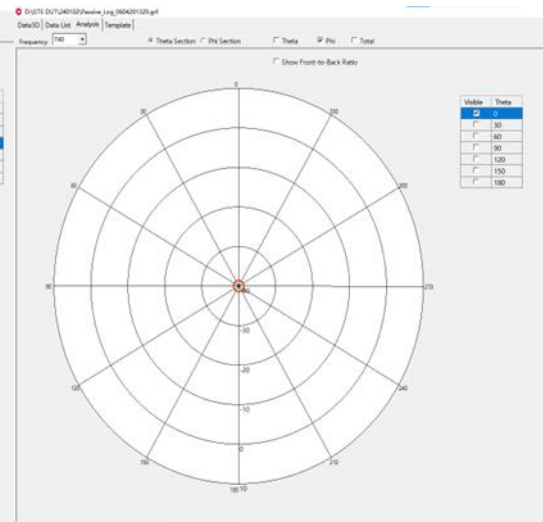
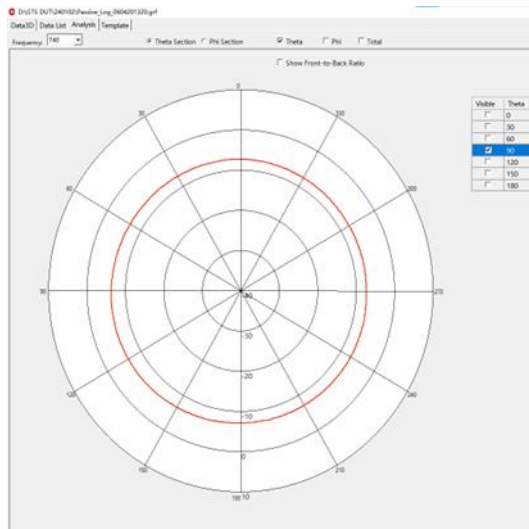
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B12	-6.31



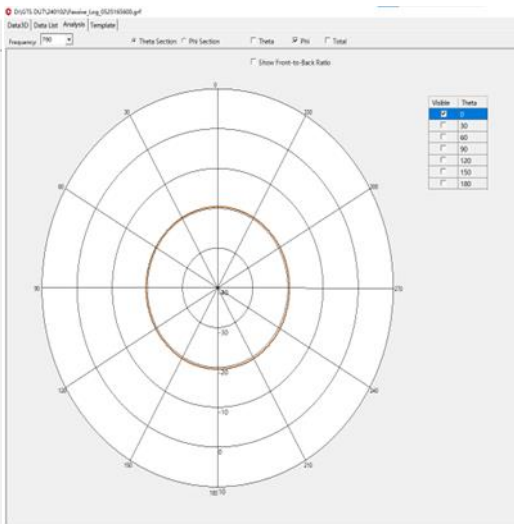
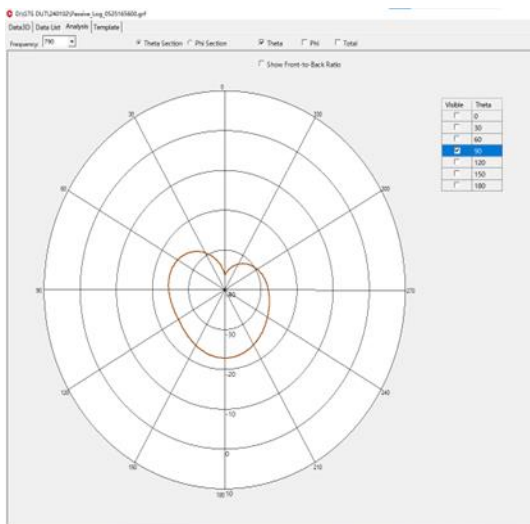
band	Gain dBi
B13	-5.8



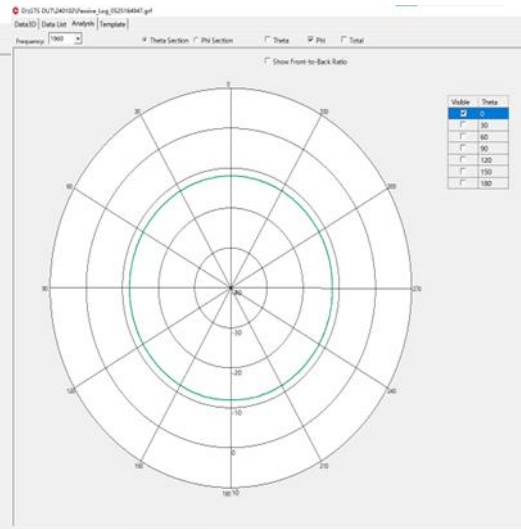
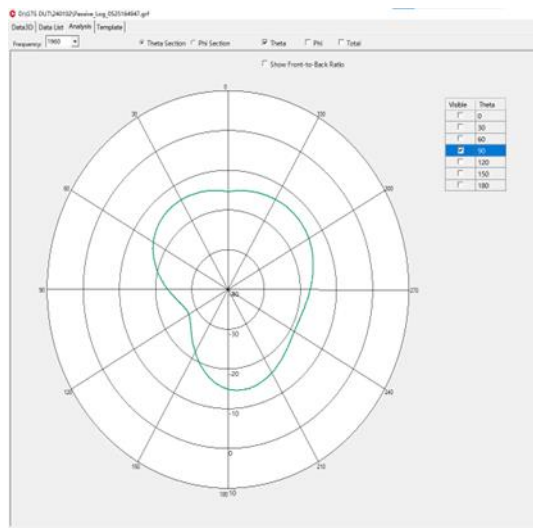
band	Gain dBi
B17	-6.31



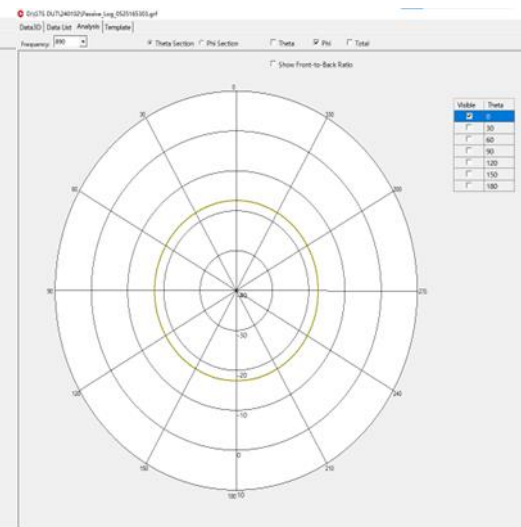
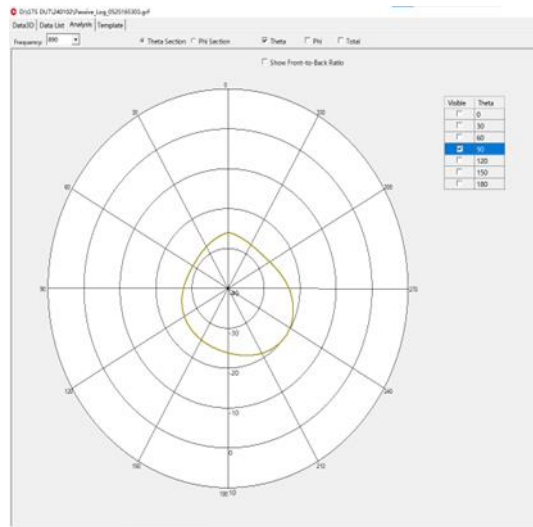
band	Gain dBi
B20	-5



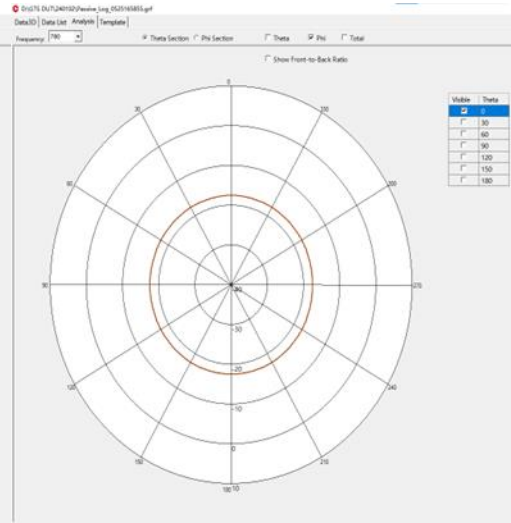
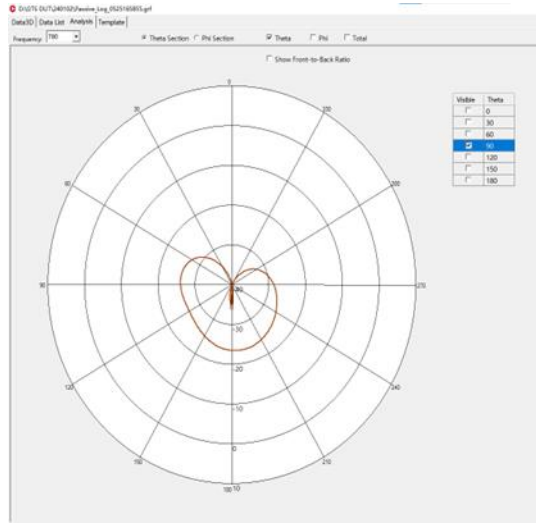
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B25	-1.1



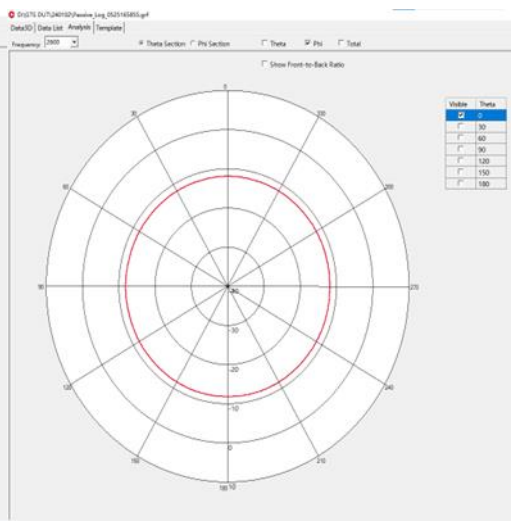
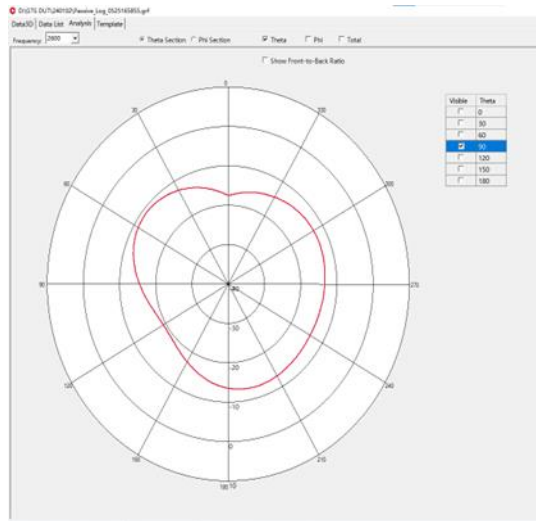
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B26	-6.42



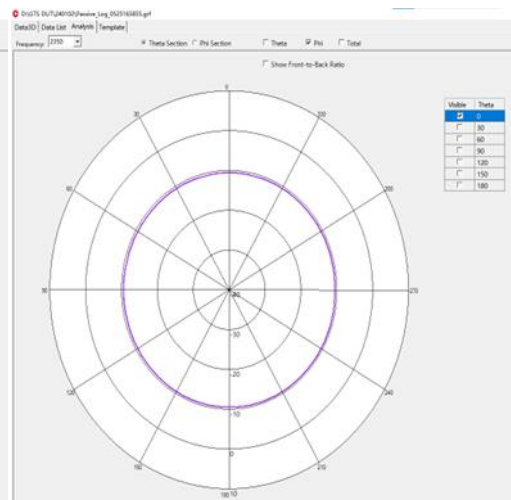
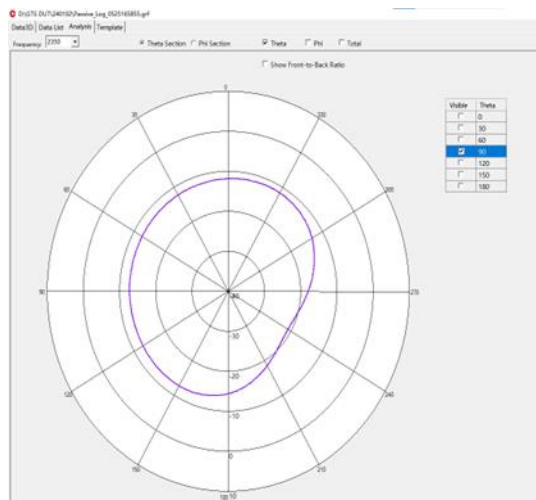
band	Gain dBi
B28	-5.26



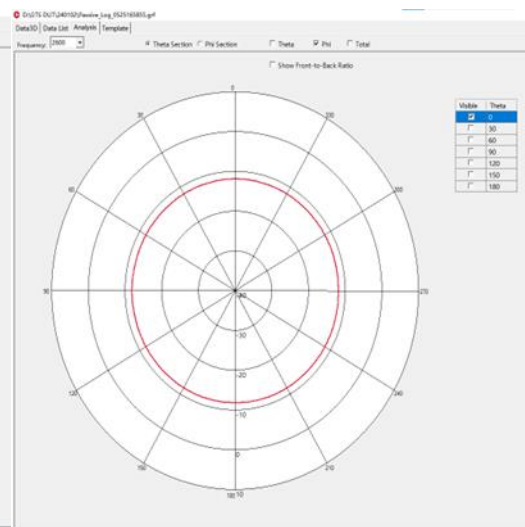
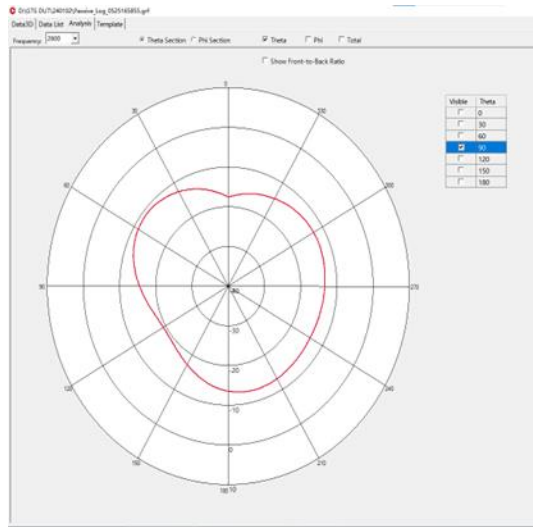
band	Gain dBi
B38	-1.72



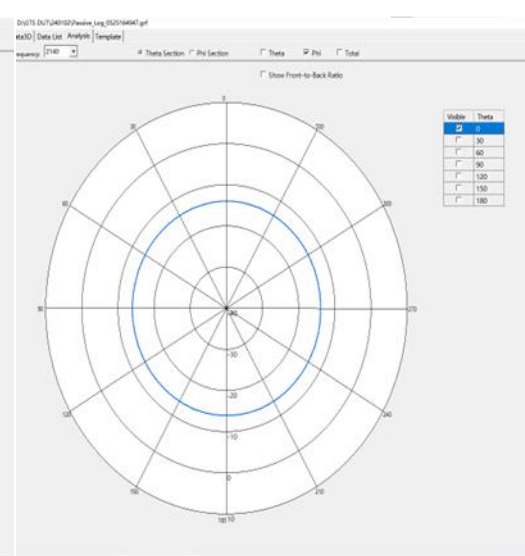
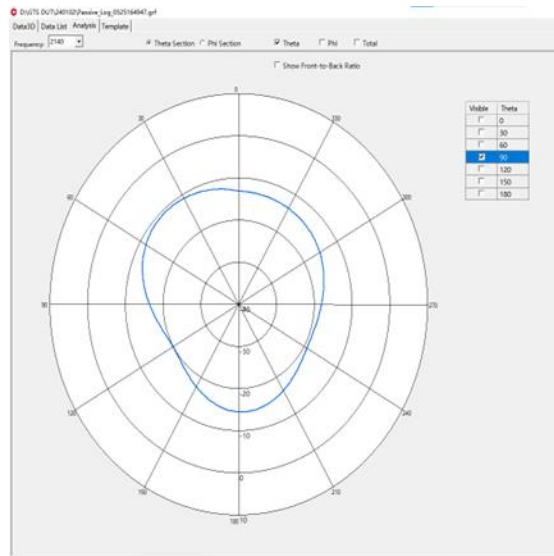
band	Gain dBi
B40	0.35



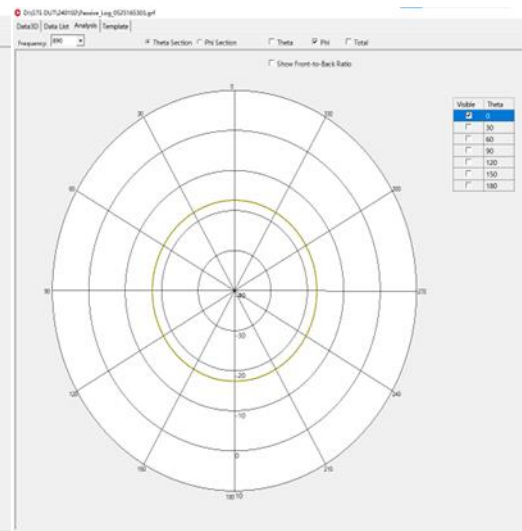
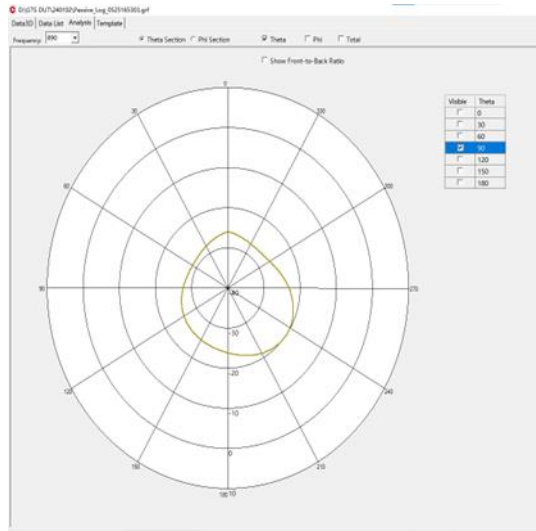
band	Gain dBi
B41	-1.55



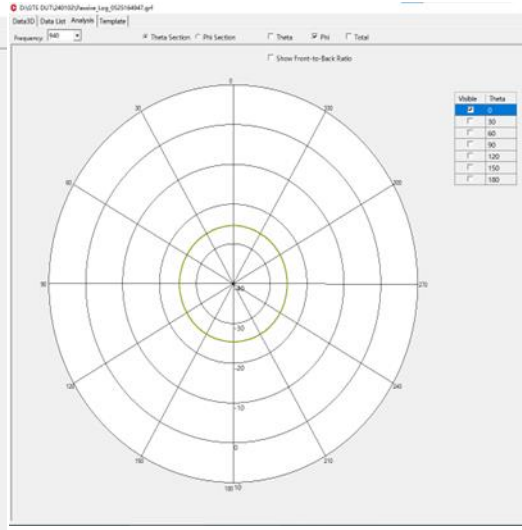
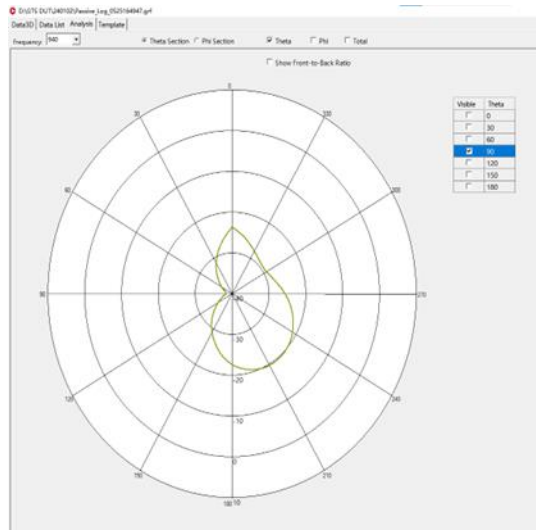
band	Gain dBi
B66	-2.55



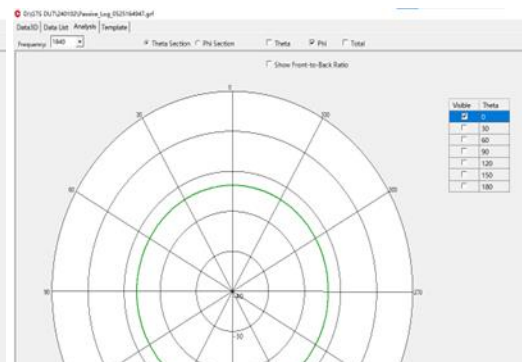
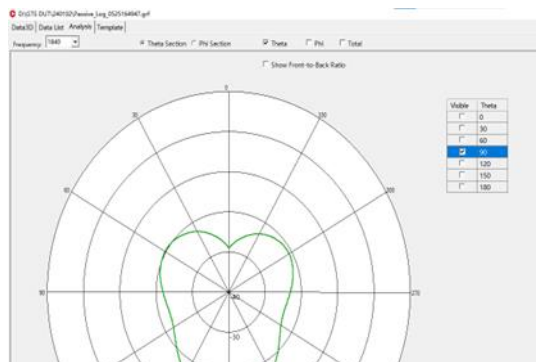
band	Gain dBi
GSM850	-6.42



band	Gain dBi
GSM900	-5.17

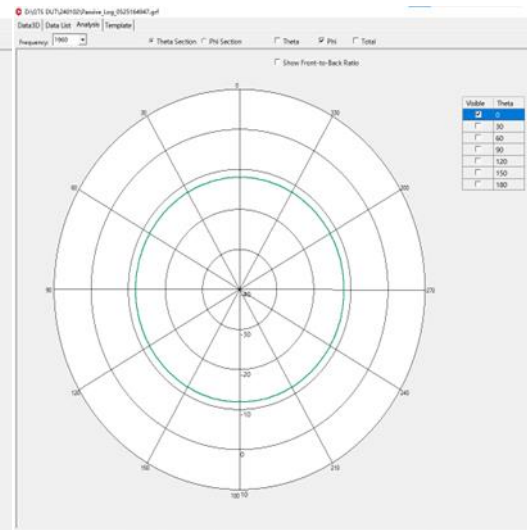
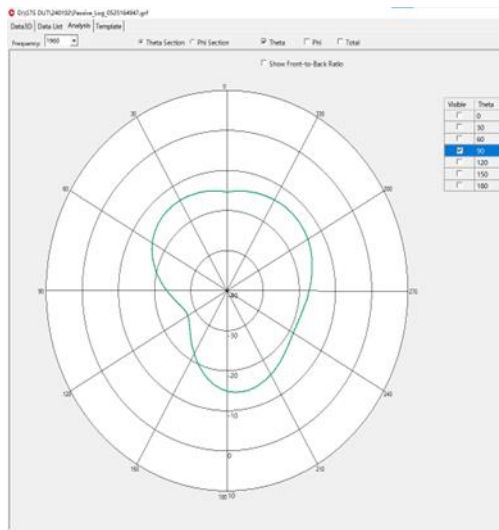


band	Gain

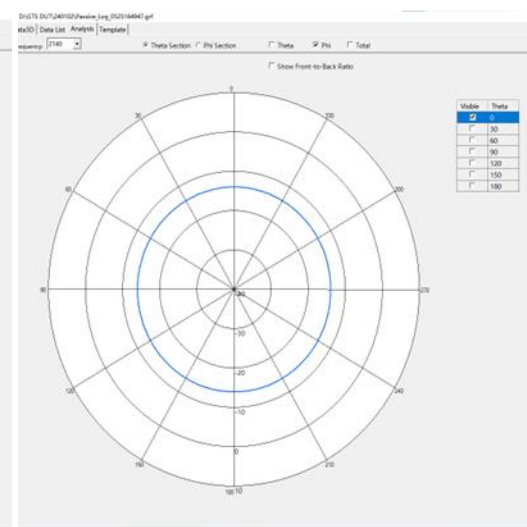
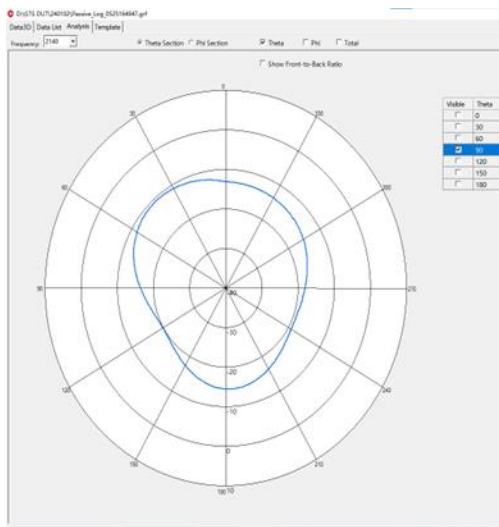


	dBi
GSM1800	-1.51

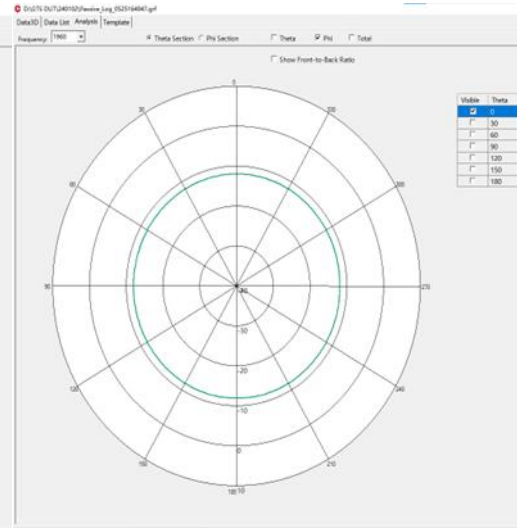
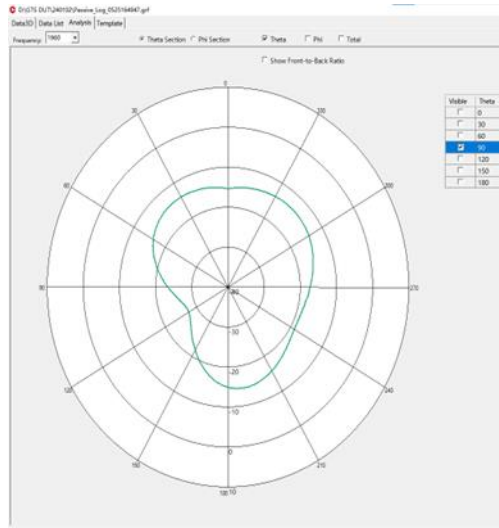
band	Gain dBi
GSM1900	-1.1



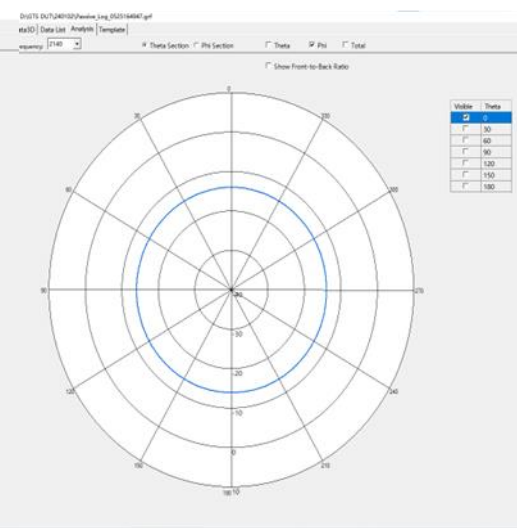
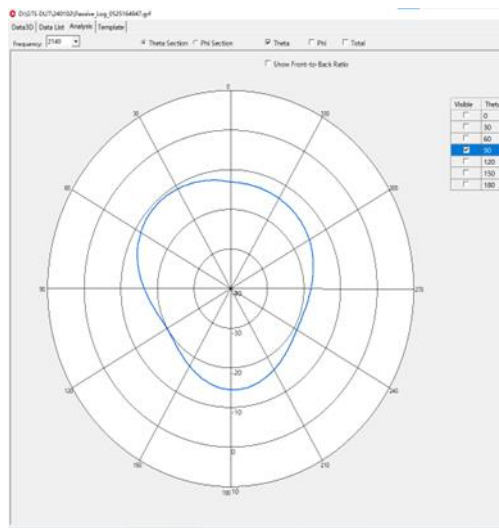
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WCDMA 1	-2.55



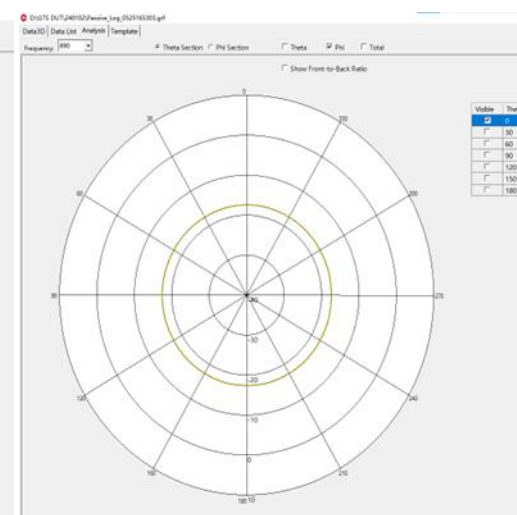
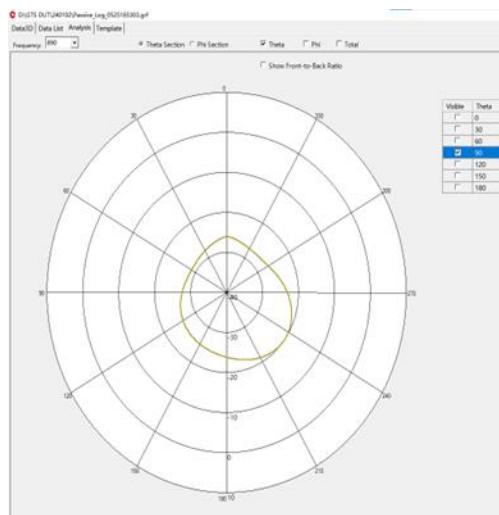
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WCDMA 2	-1.1



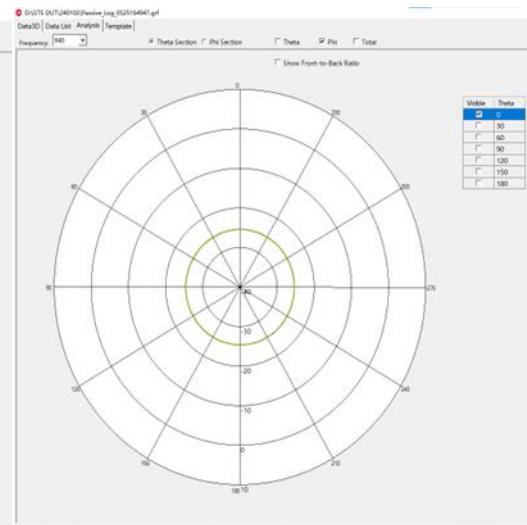
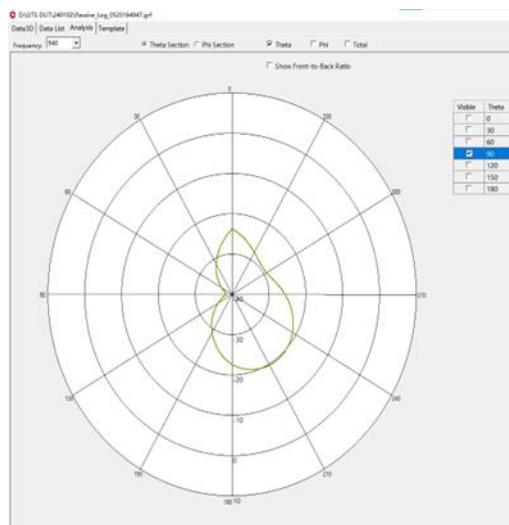
band	Gain dBi
WCDMA 4	-2.5



band	Gain dBi
WCDMA 5	-6.42

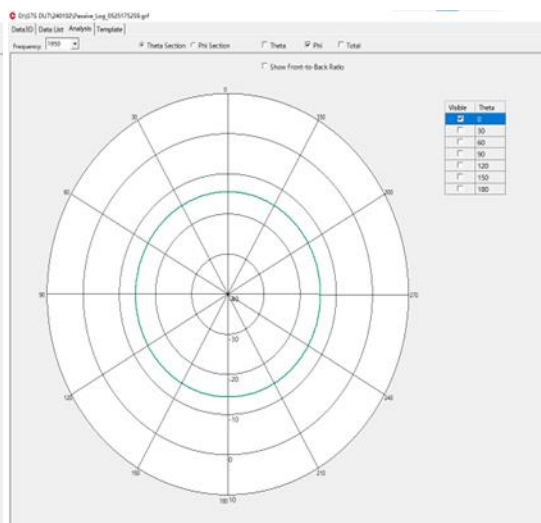
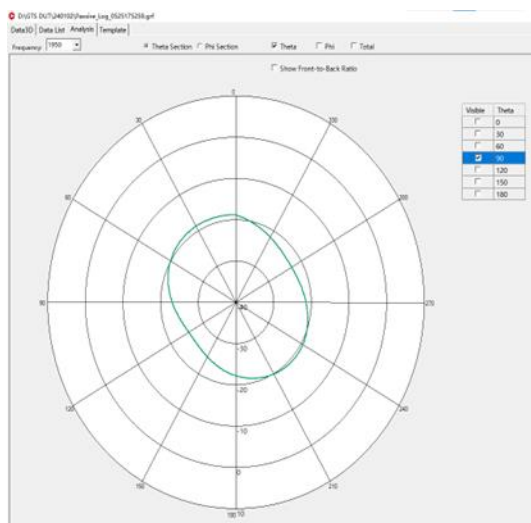


band	Gain dBi
WCDMA 8	-5.17

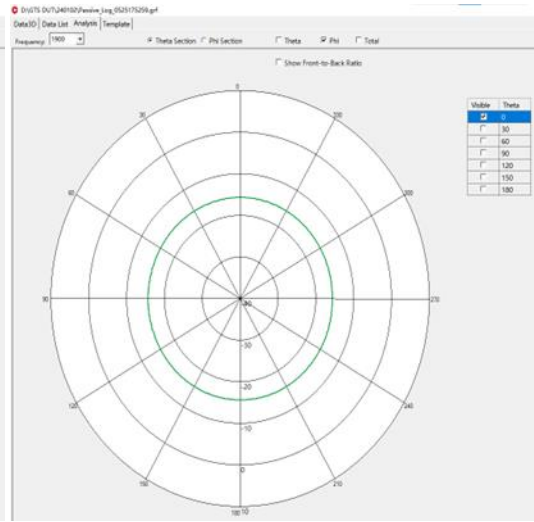
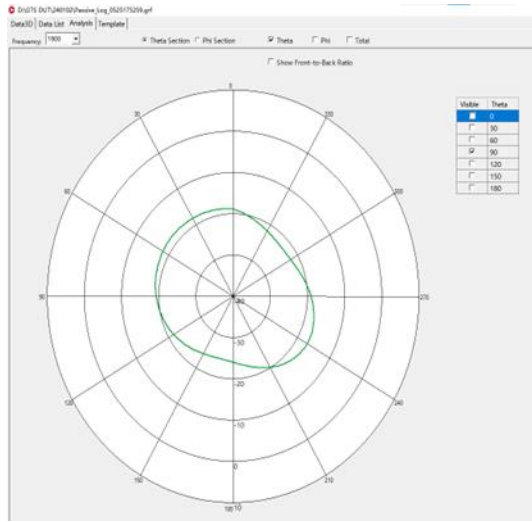


ANT1

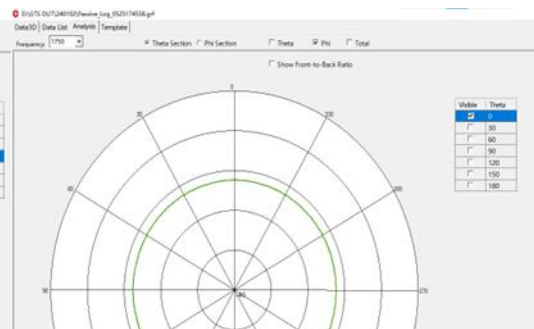
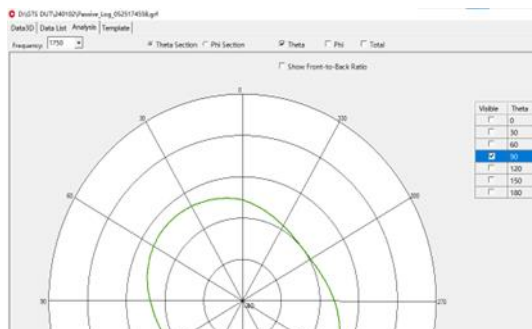
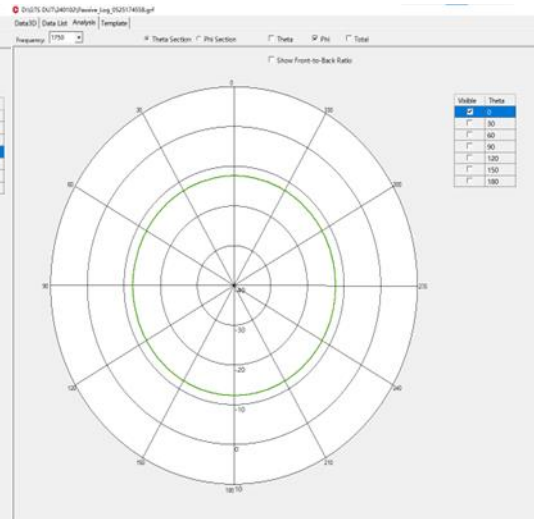
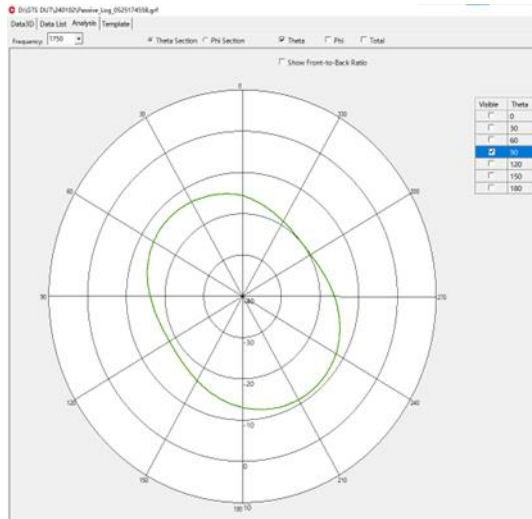
band	Gain dBi
B1	-3.21



band	Gain dBi
B2	-3.21



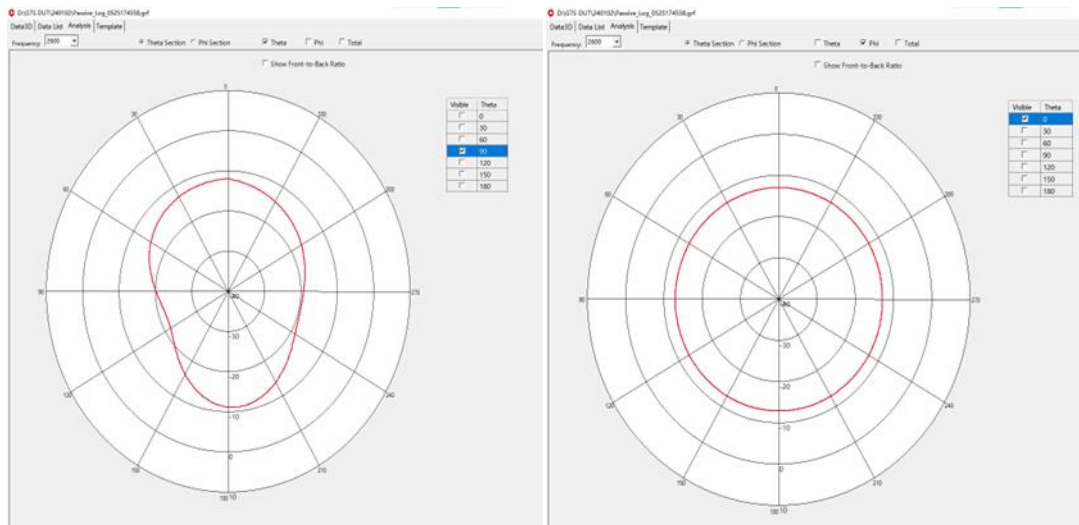
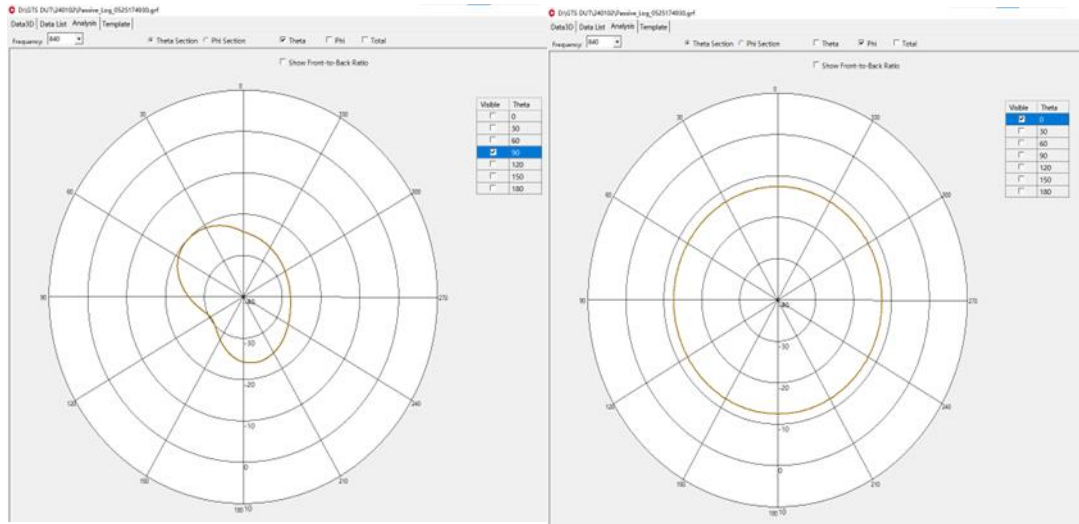
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B3	-2.82



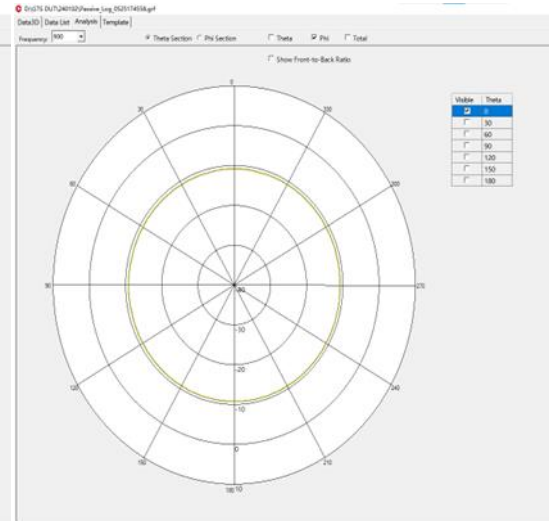
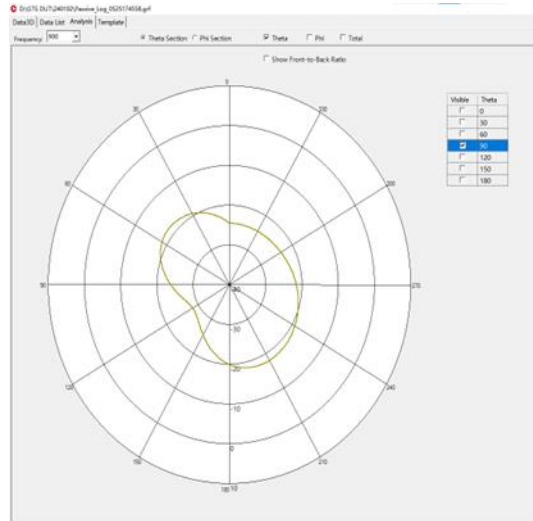
band	Gain dBi
B4	-2.82

band	Gain dBi
B5	-5.17

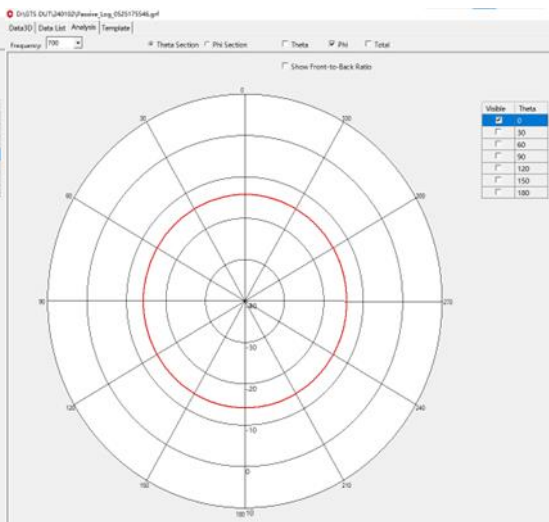
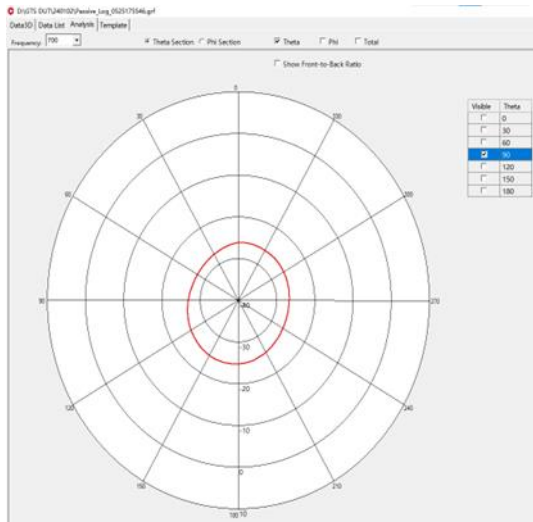
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B7	-1.8



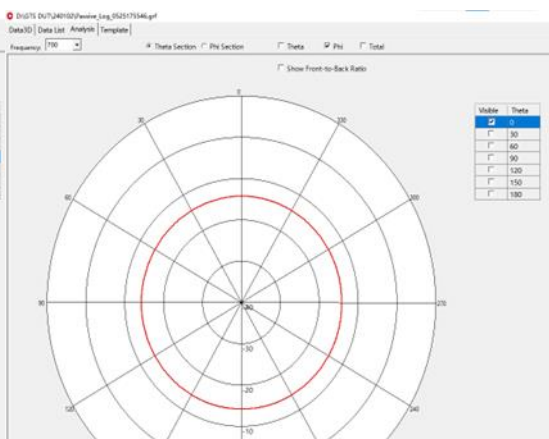
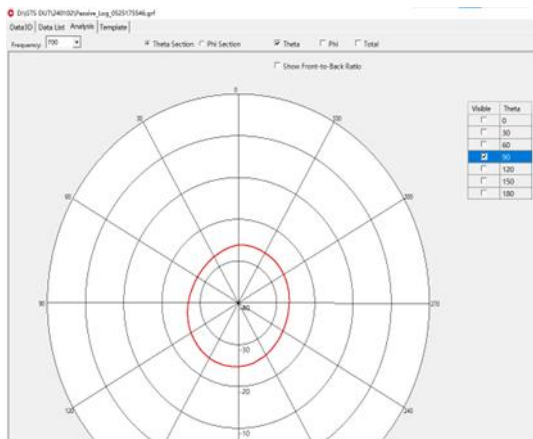
band	Gain dBi
B8	-4.18



band	Gain dBi
B12	-6.35

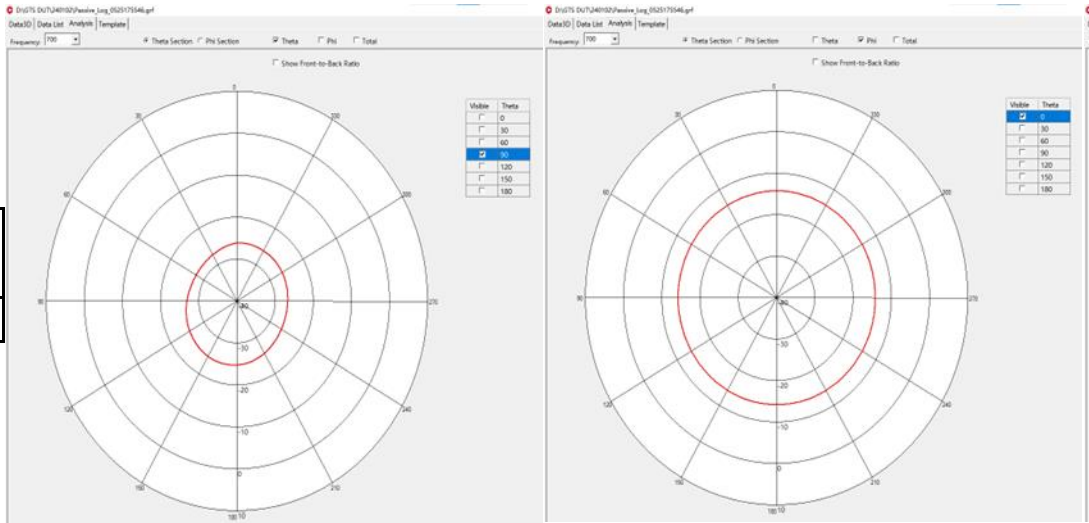


band	Gain
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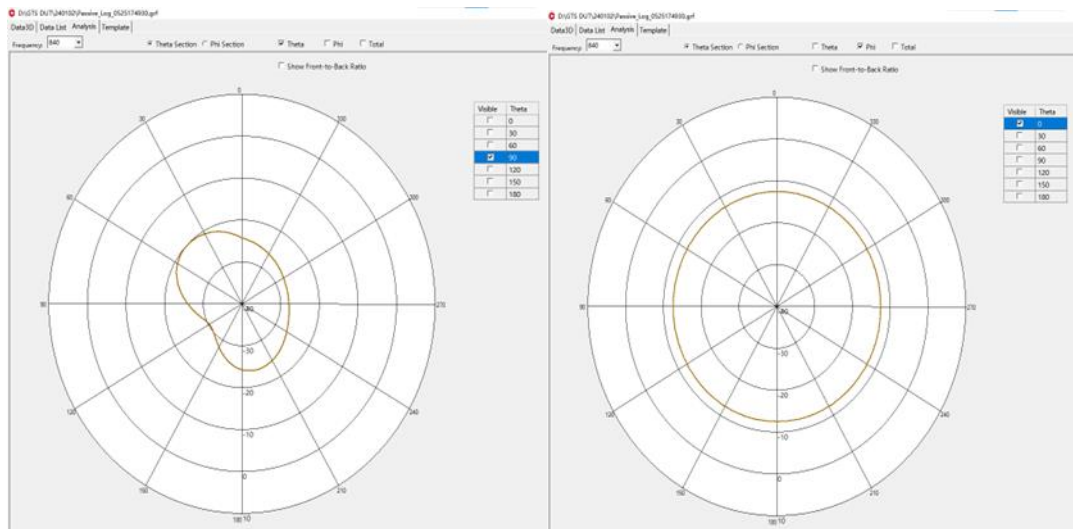


	dBi
B13	-6.35

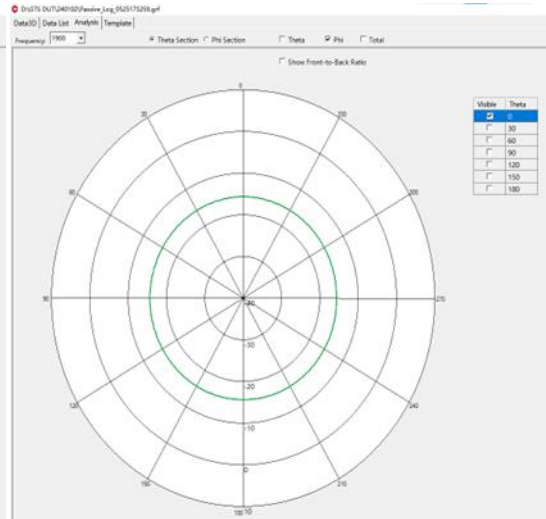
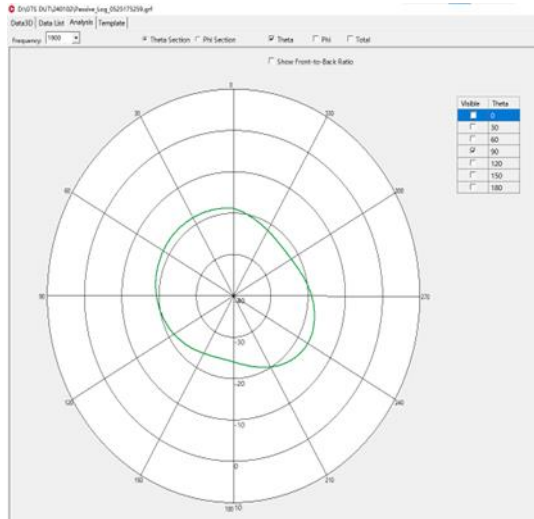
band	Gain dBi
B17	-6.35



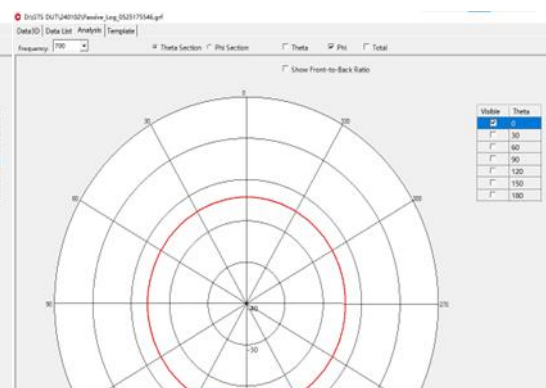
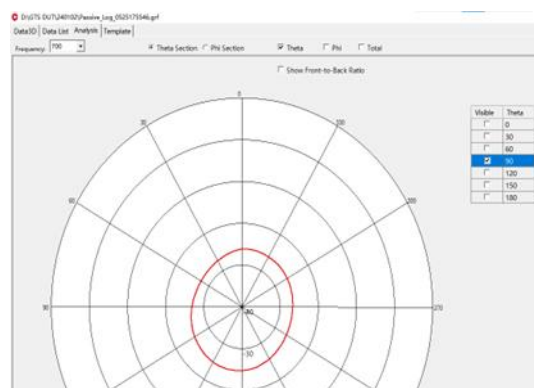
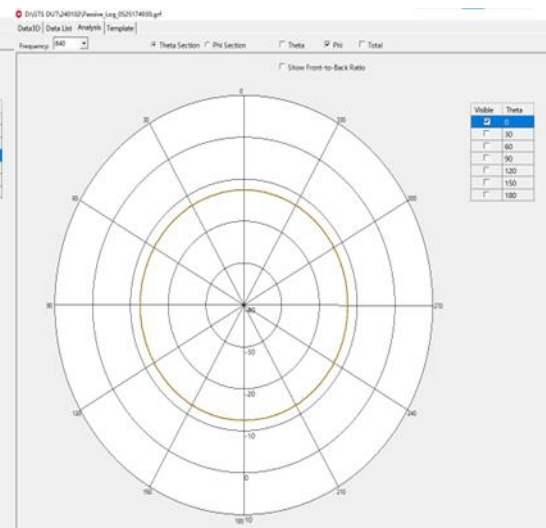
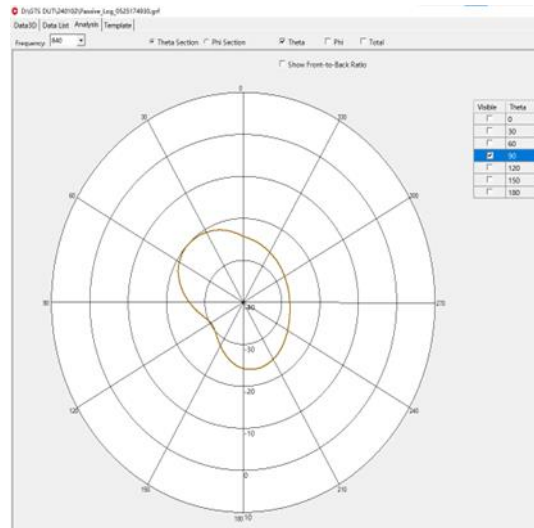
band	Gain dBi
B20	-5.17



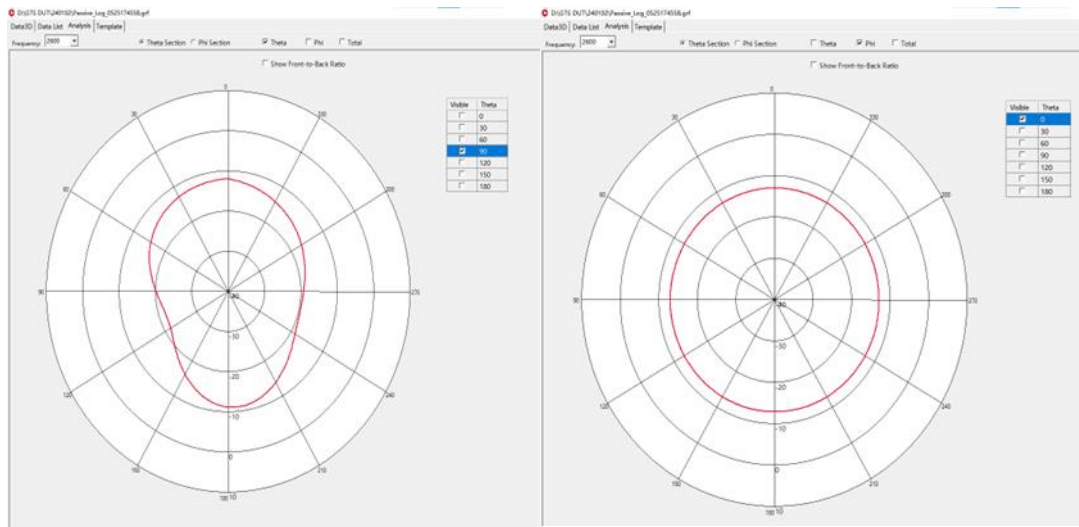
band	Gain dBi
B25	-3.21



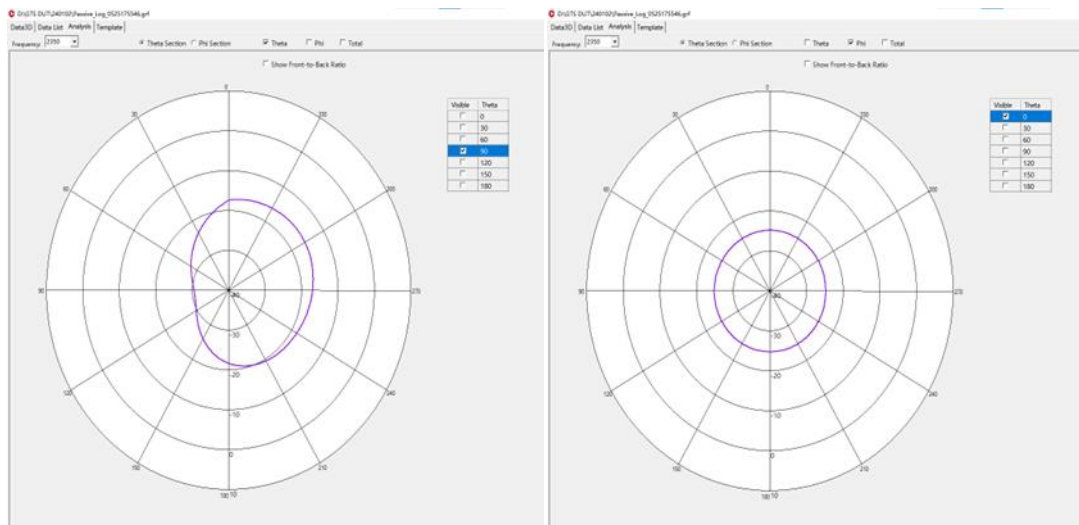
band	Gain dBi
B26	-5.17



band	Gain dBi
B28	-6.35

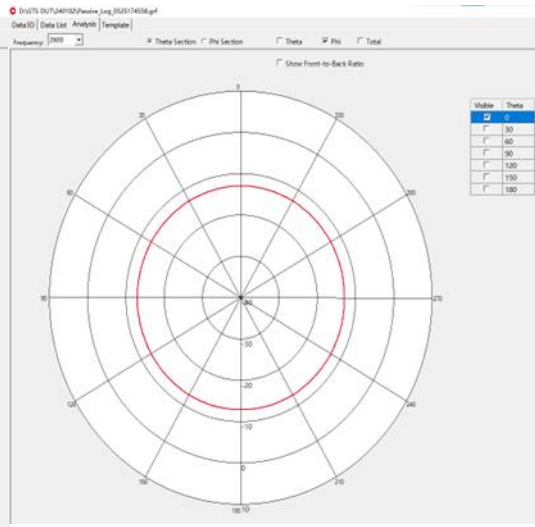
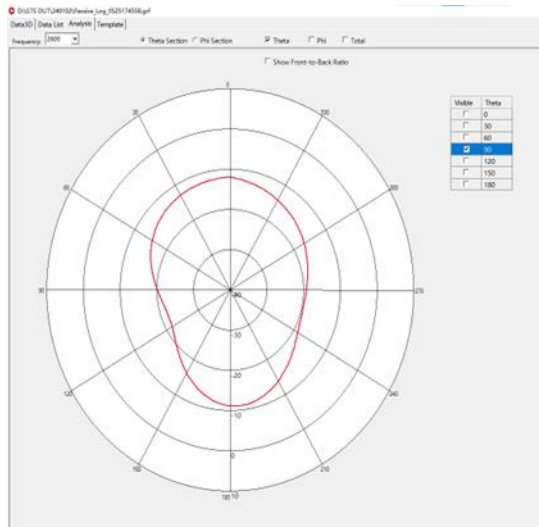


band	Gain dBi
B38	-1.8

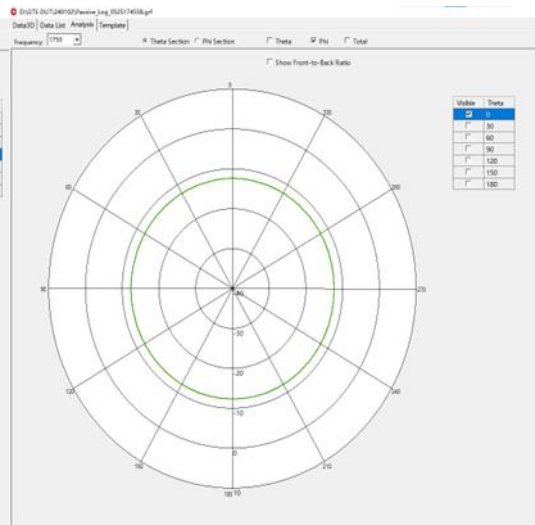
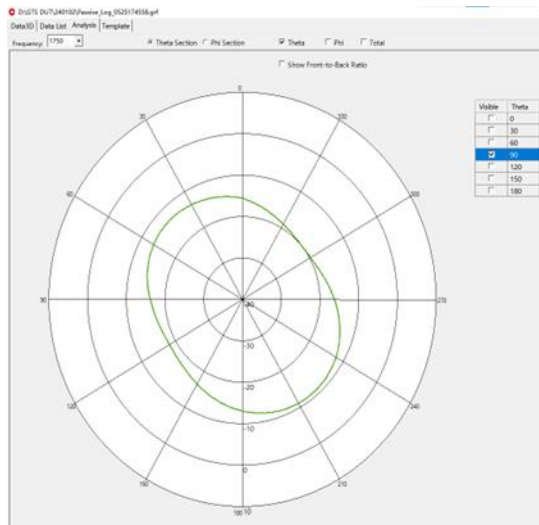


band	Gain dBi
B40	0.08

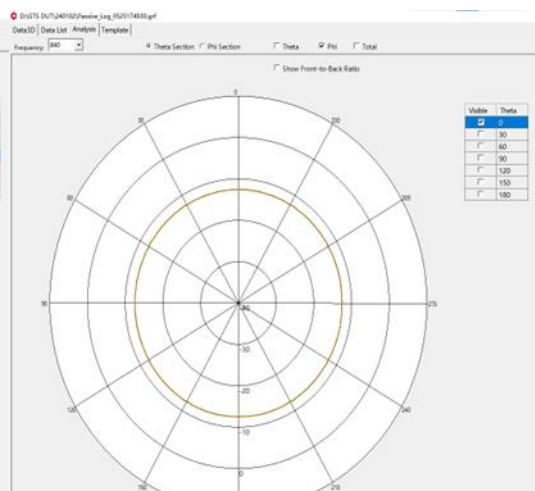
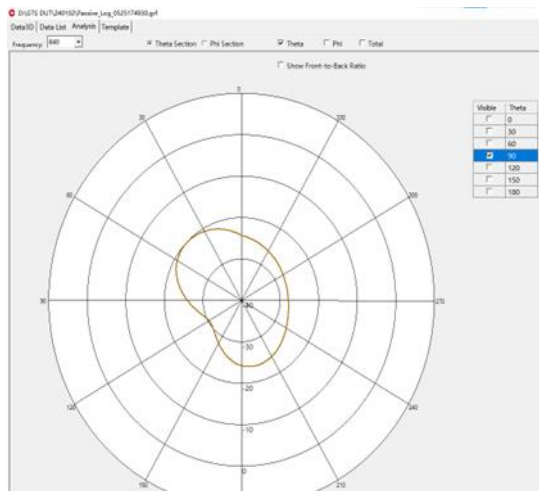
band	Gain dBi
B41	-1.8



band	Gain dBi
B66	-2.82

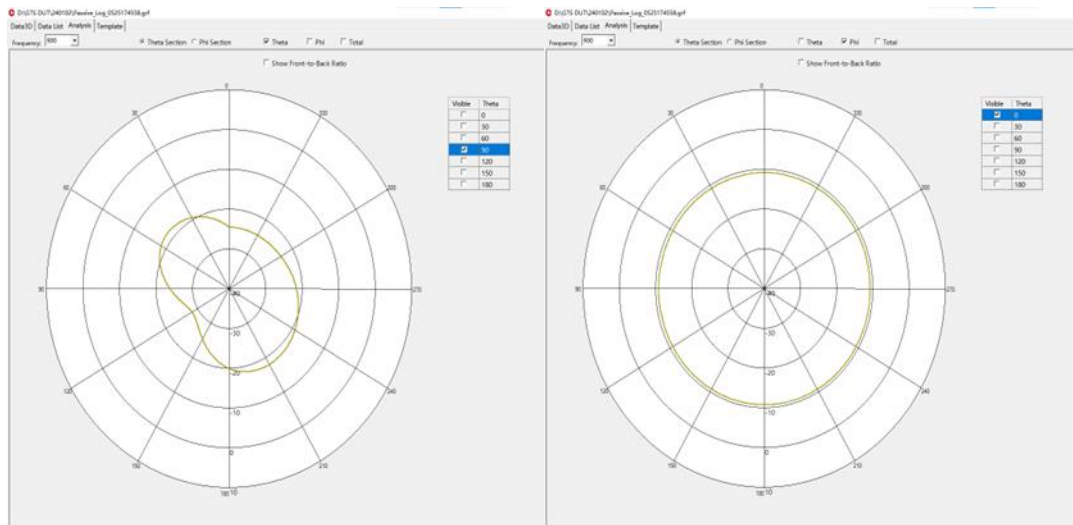


band	Gain
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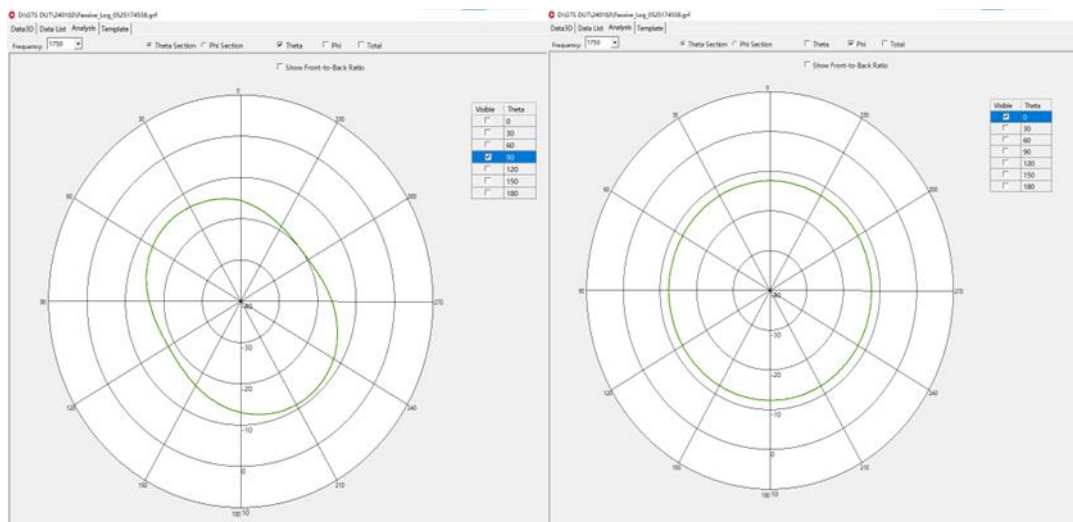


	dBi
GSM850	-5.17

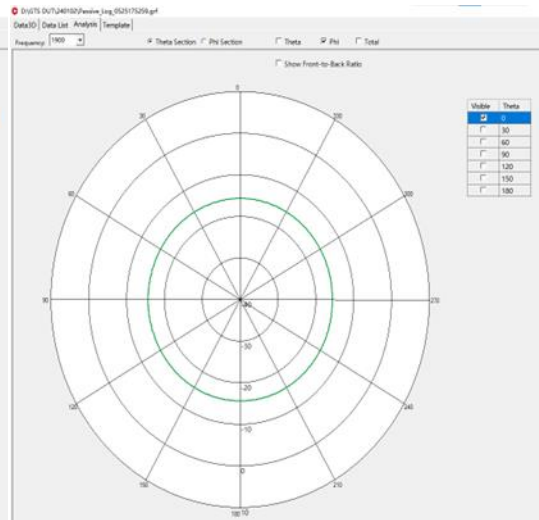
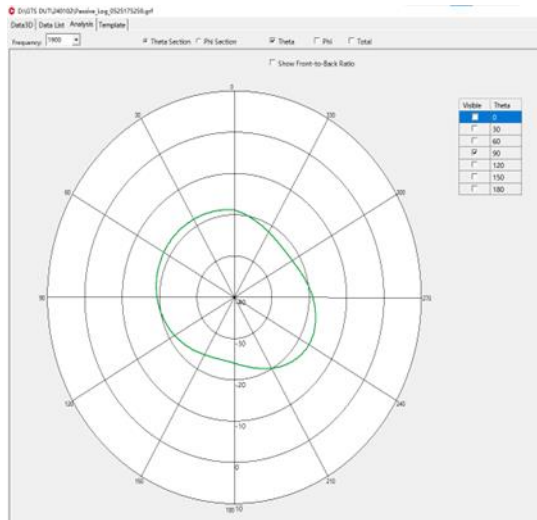
band	Gain dBi
GSM900	-4.18



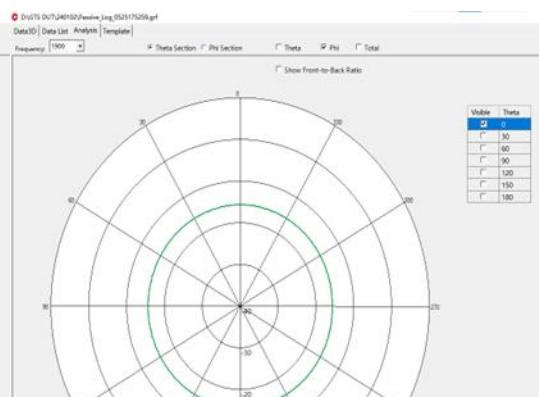
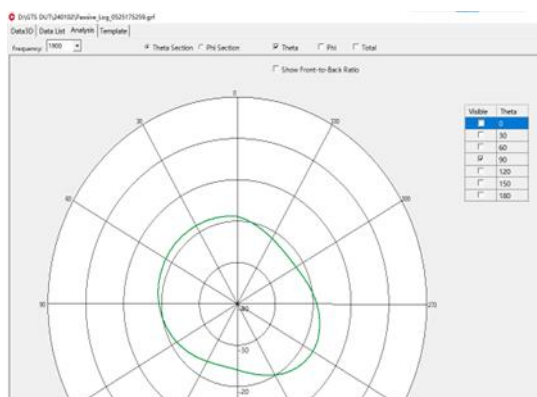
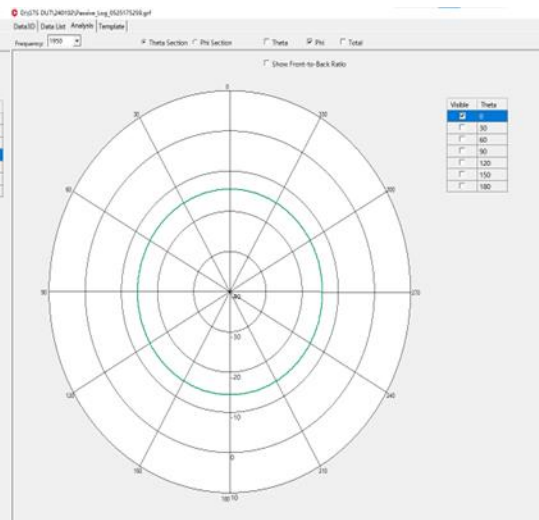
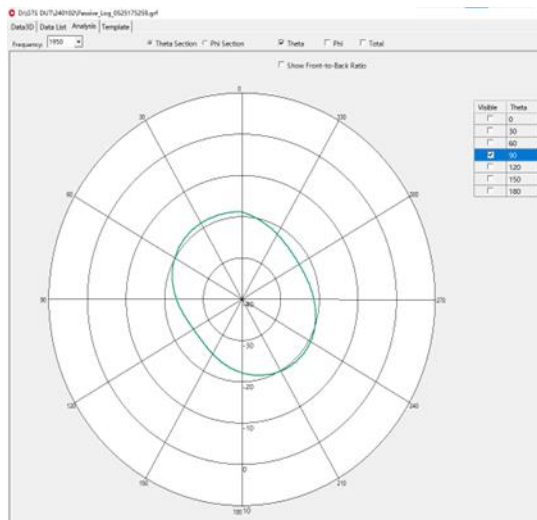
band	Gain dBi
GSM1800	-2.82



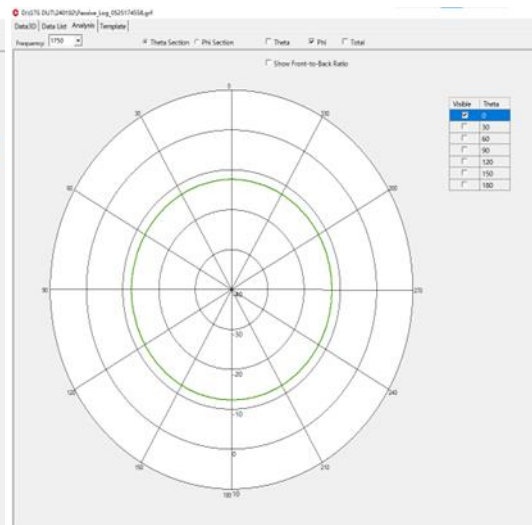
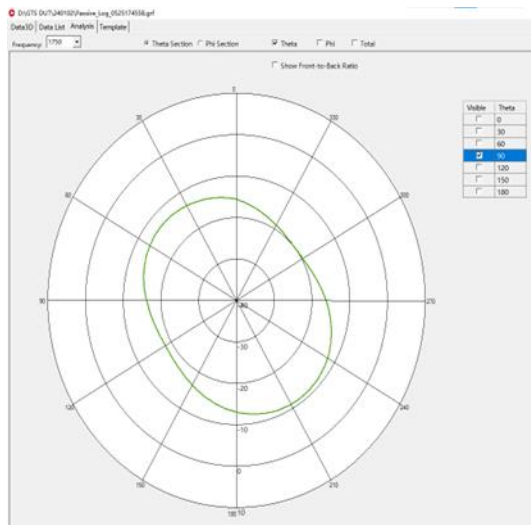
band	Gain dBi
GSM1900	-3.21



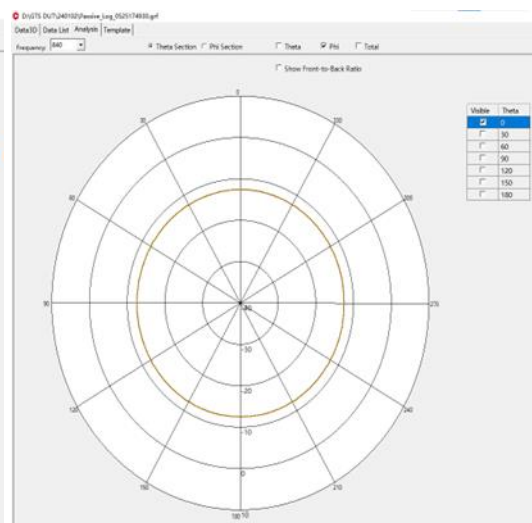
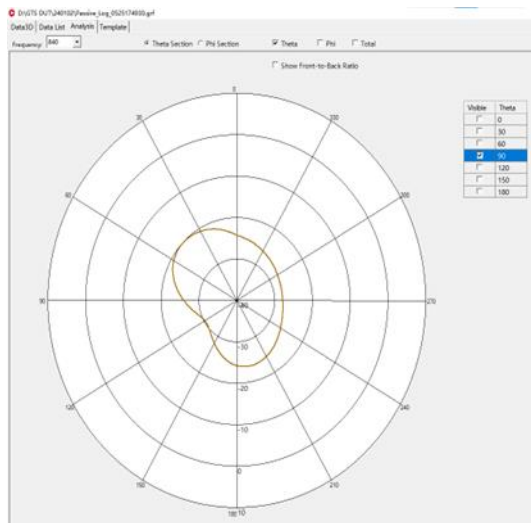
band	Gain dBi
WCDMA 1	-3.21



band	Gain dBi
WCDMA 2	-3.21

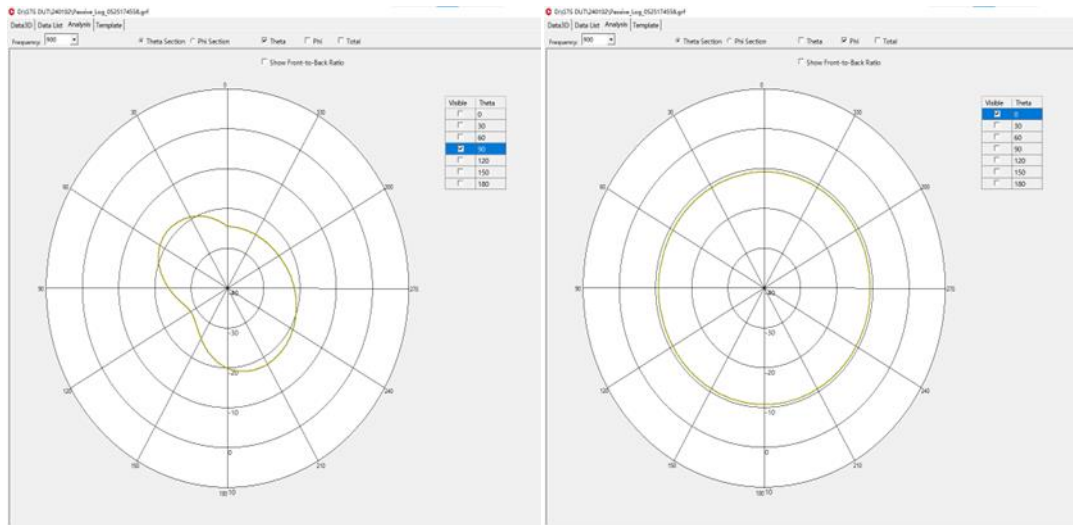


band	Gain dBi
WCDMA 4	-2.82



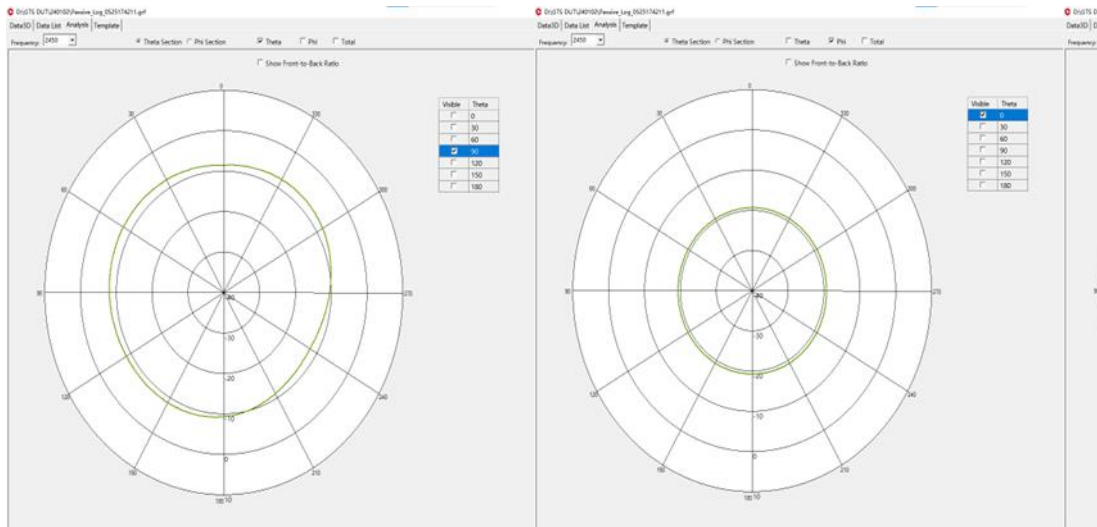
band	Gain dBi
WCDMA 5	-5.17

band	Gain dBi
WCDMA 8	-4.18

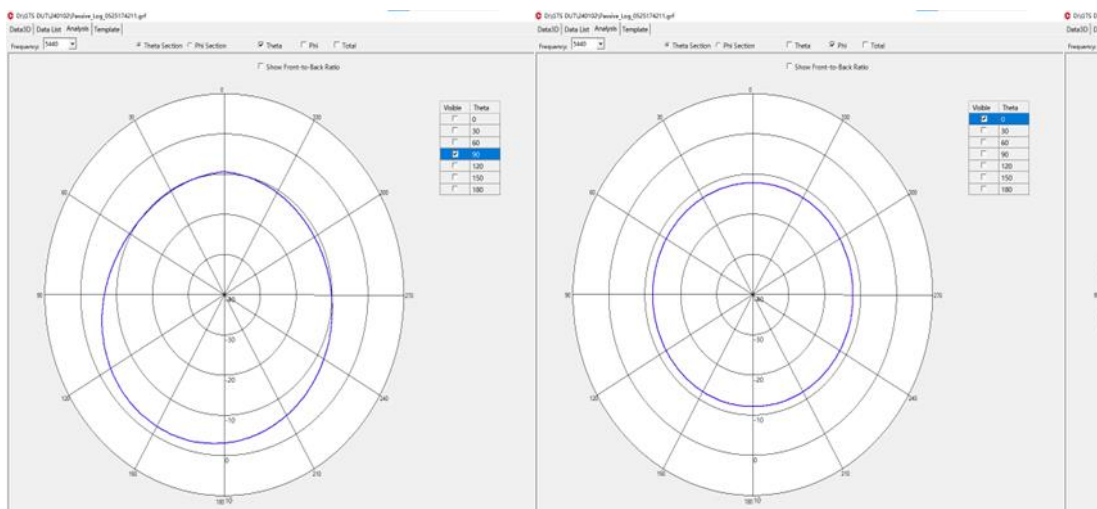


ANT2

band	Gain dBi
2.4G WIFI	-1.51



band	Gain dBi
5G WIFI	1.51



ANT3

band	Gain dBi
GPS	-1.58

