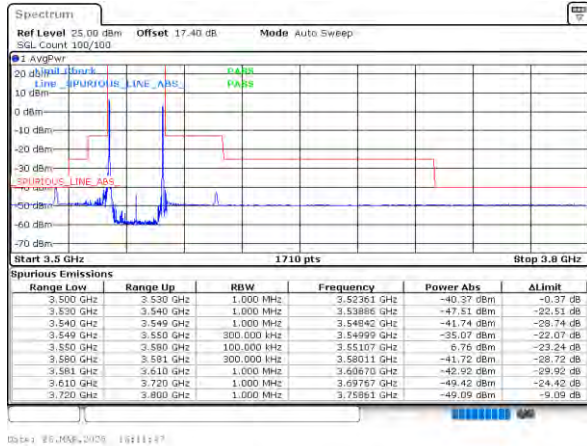




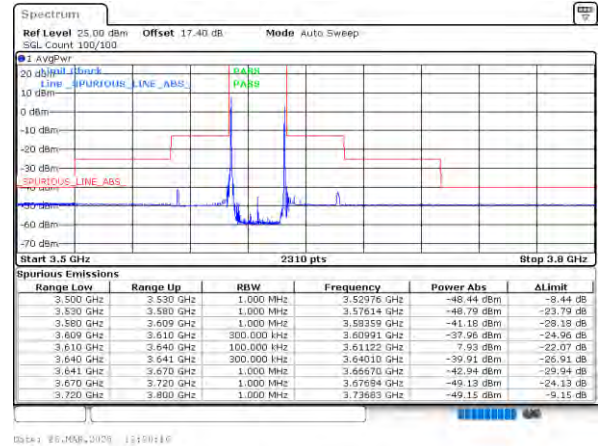
LTE Band 48C / 20MHz+10MHz

256QAM

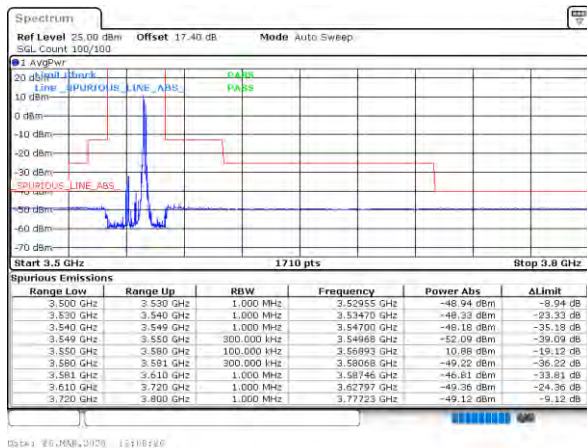
Lowest Band Edge / 1RB0 and 1RB49



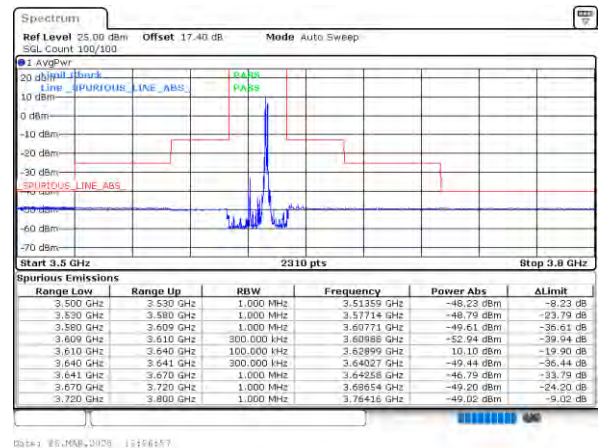
Middle Band Edge / 1RB0 and 1RB49



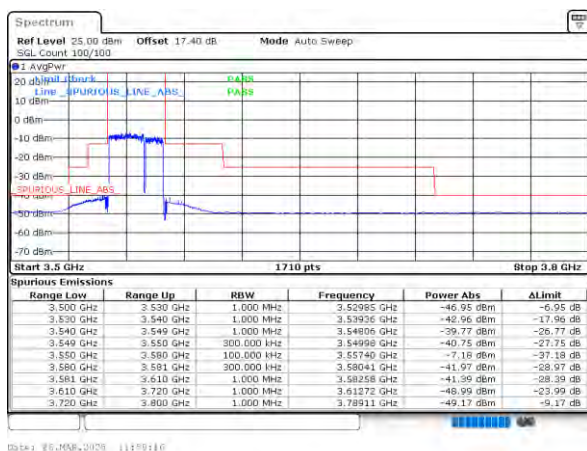
Lowest Band Edge / 1RB99 and 1RB0



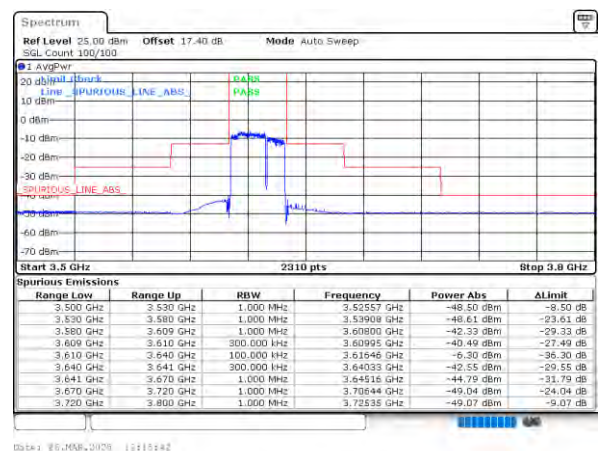
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



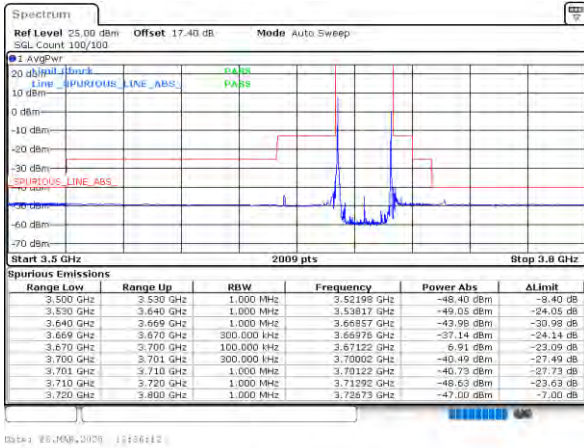


LTE Band 48C / 20MHz+10MHz

256QAM

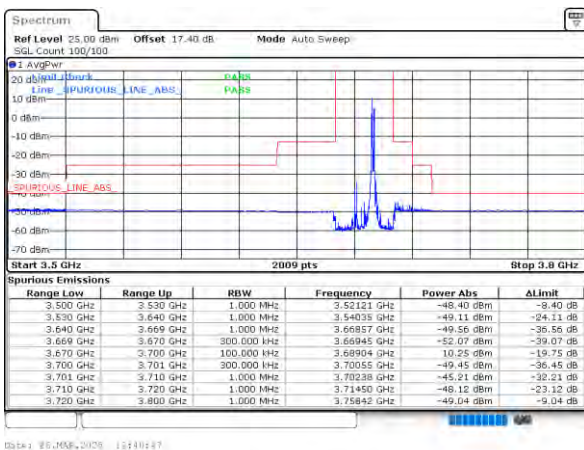
Highest Band Edge / 1RB0 and 1RB49

N/A



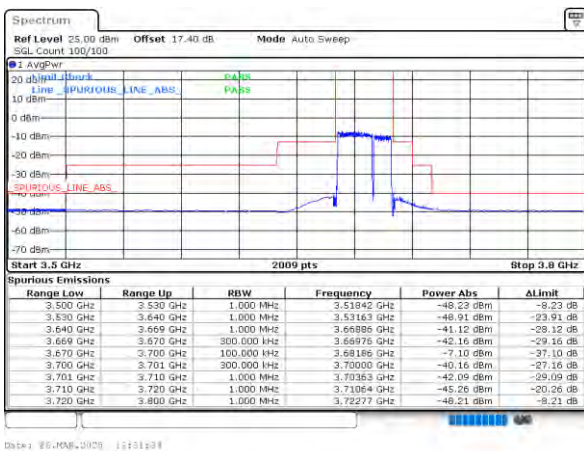
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

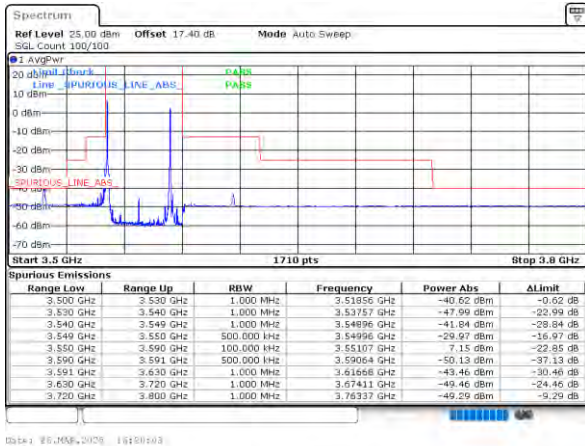




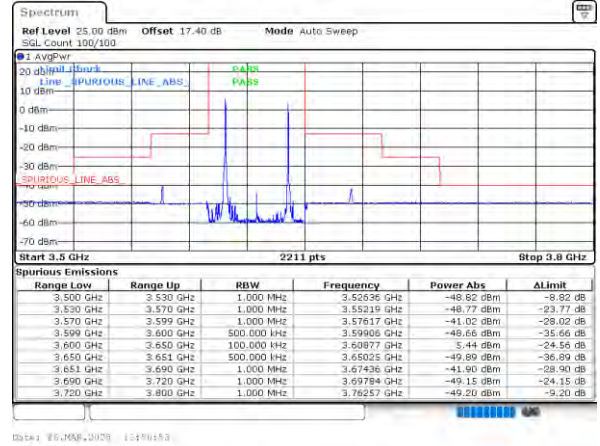
LTE Band 48C / 20MHz+15MHz

256QAM

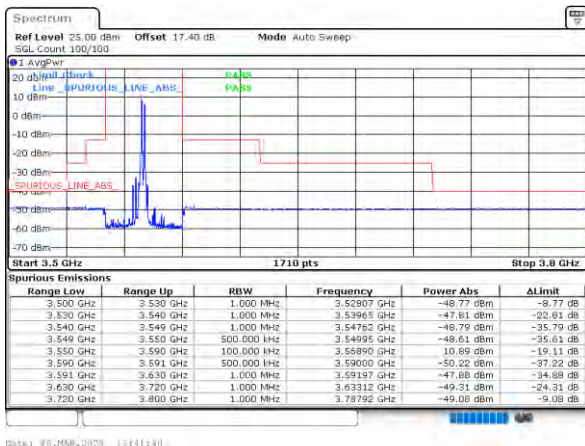
Lowest Band Edge / 1RB0 and 1RB74



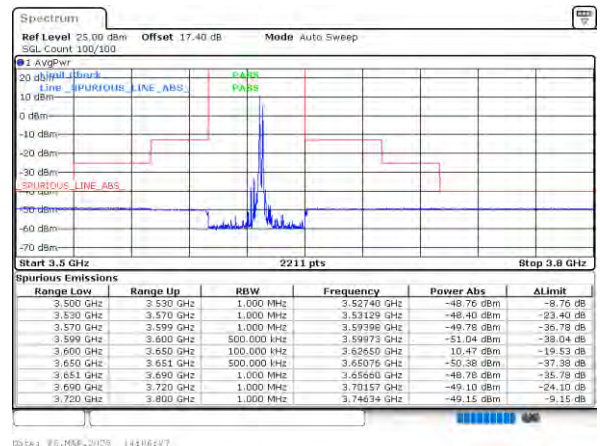
Middle Band Edge / 1RB0 and 1RB74



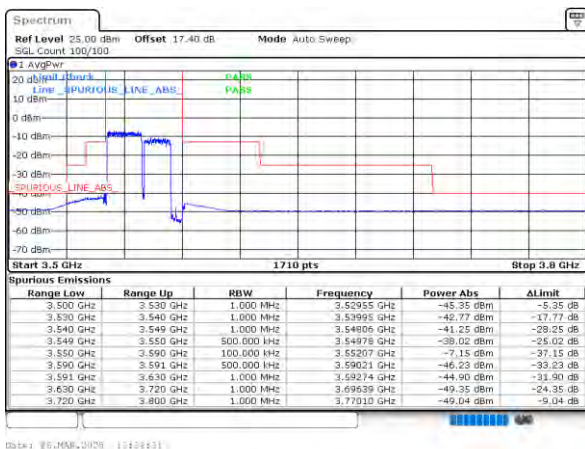
Lowest Band Edge / 1RB99 and 1RB0



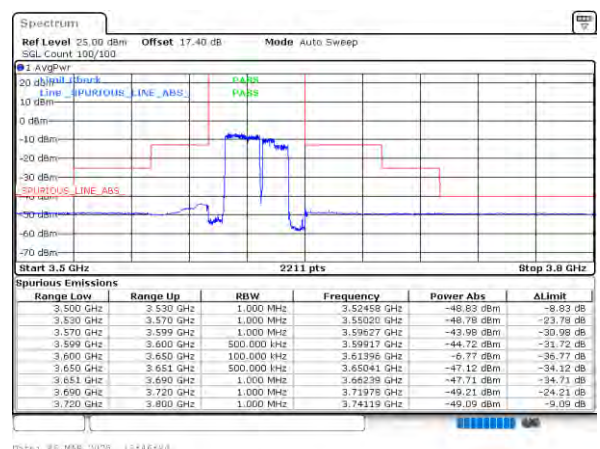
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



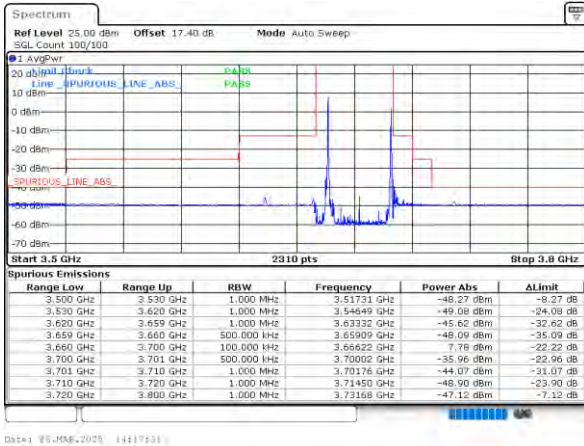


LTE Band 48C / 20MHz+15MHz

256QAM

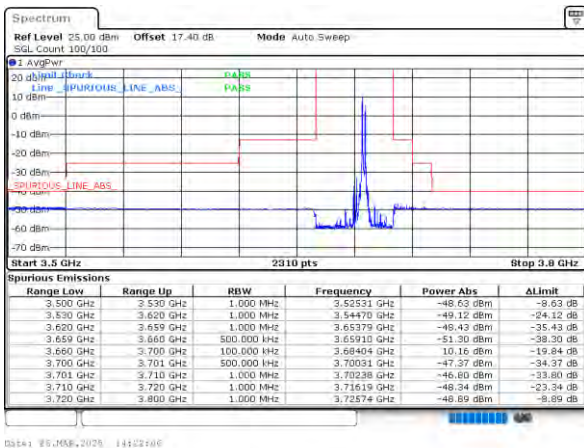
Highest Band Edge / 1RB0 and 1RB74

N/A



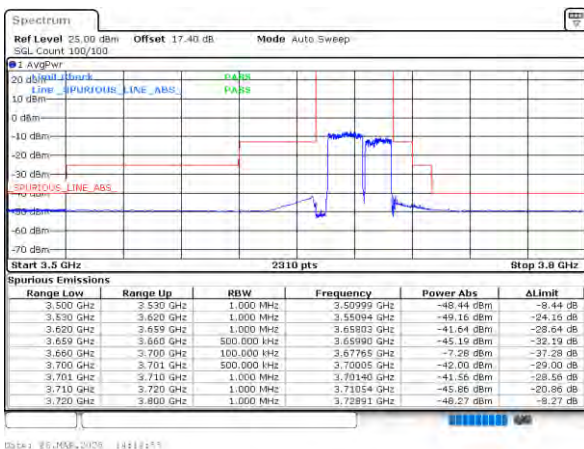
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

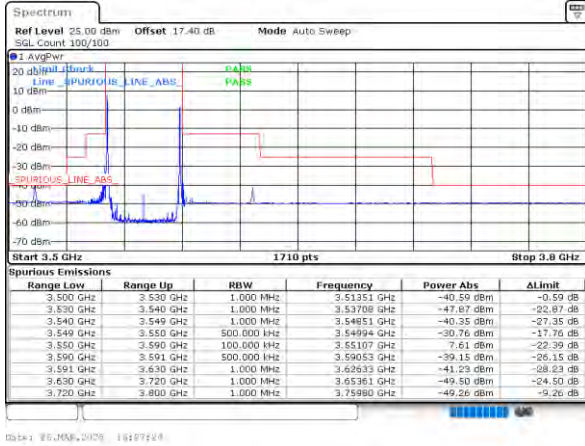




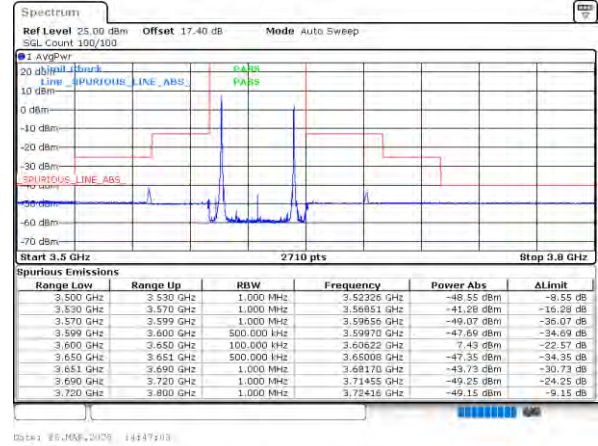
LTE Band 48C / 20MHz+20MHz

256QAM

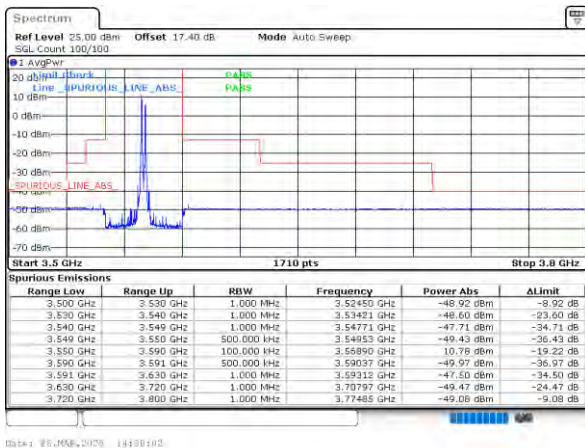
Lowest Band Edge / 1RB0 and 1RB99



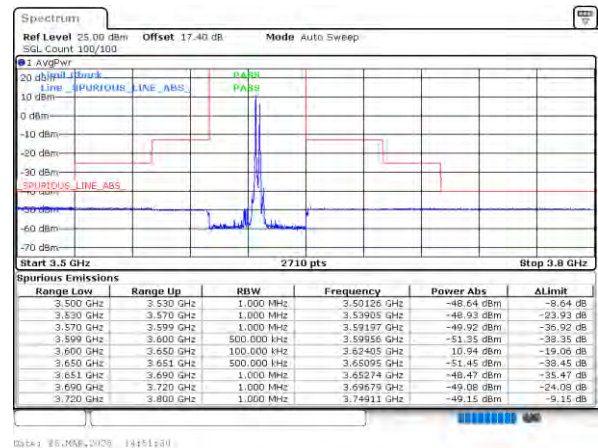
Middle Band Edge / 1RB0 and 1RB99



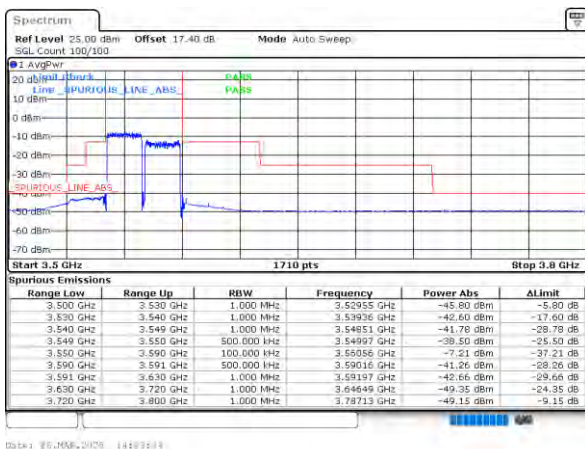
Lowest Band Edge / 1RB99 and 1RB0



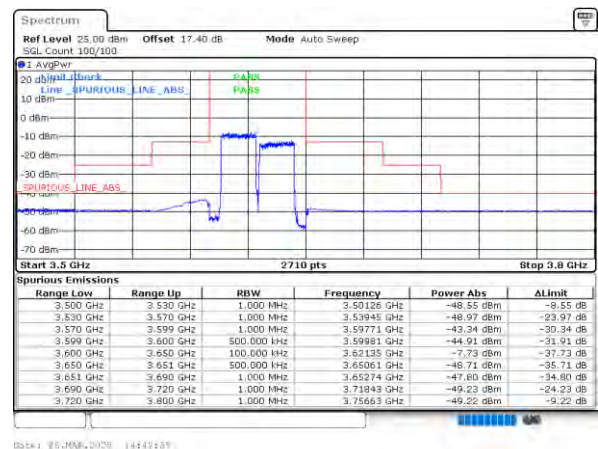
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



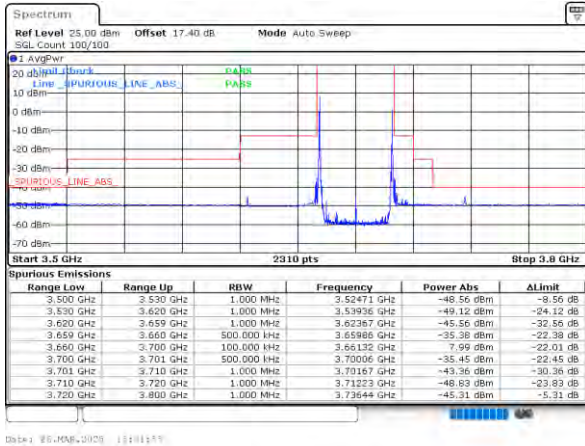


LTE Band 48C / 20MHz+20MHz

256QAM

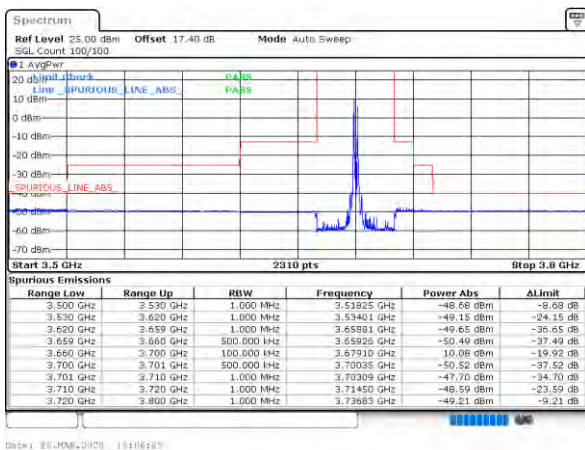
Highest Band Edge / 1RB0 and 1RB99

N/A



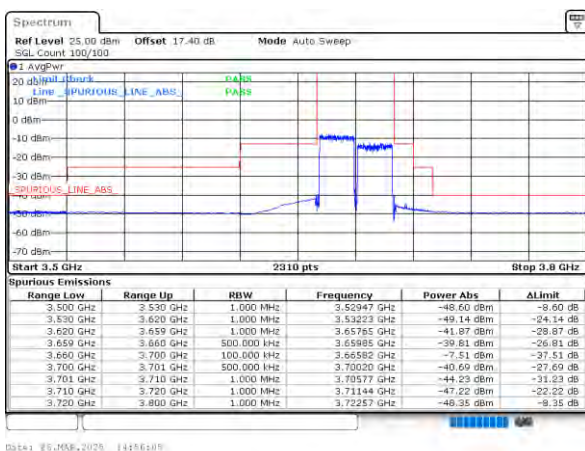
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A



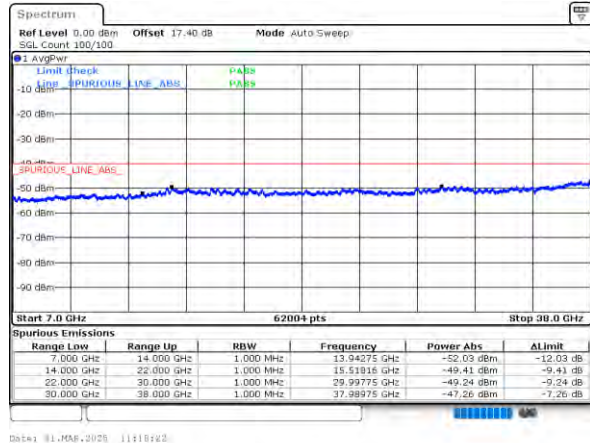
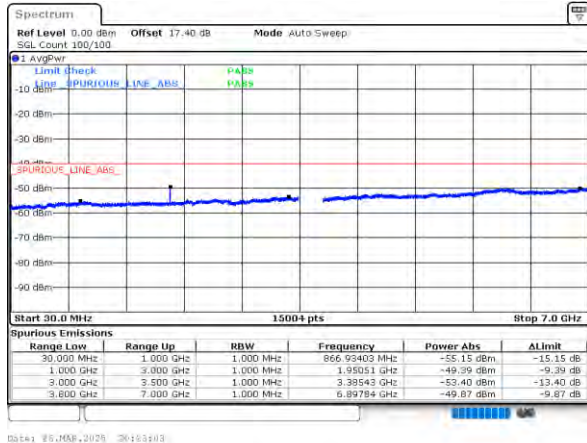


Conducted Spurious Emission

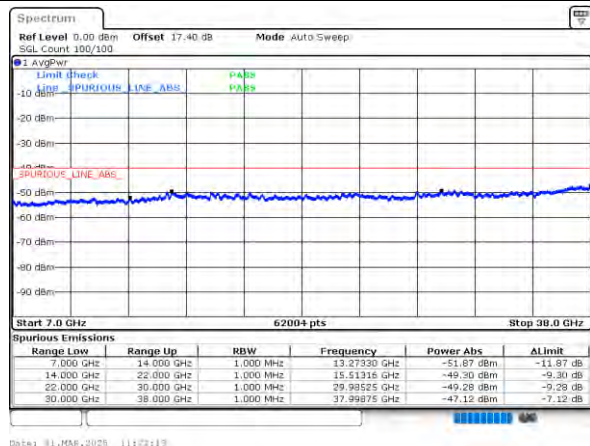
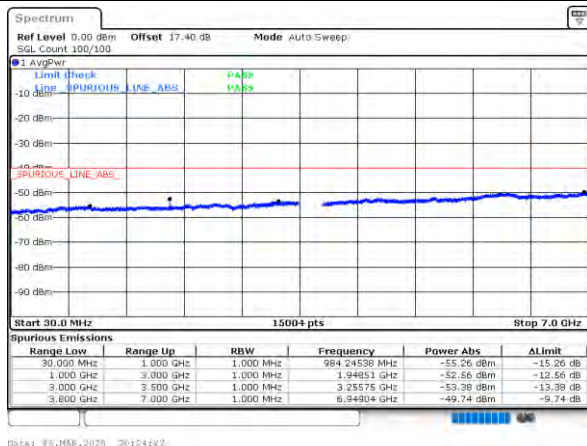
LTE Band 48C / 5MHz+20MHz

QPSK

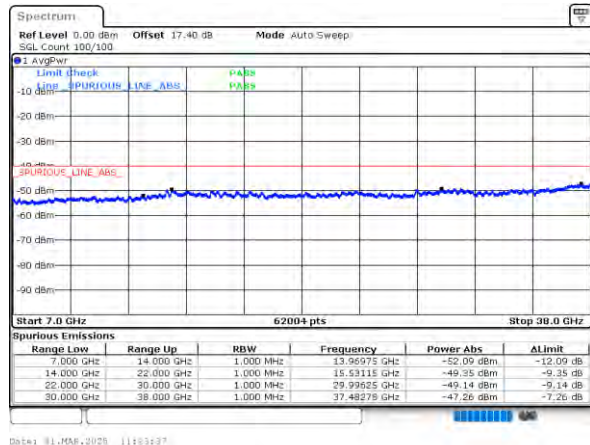
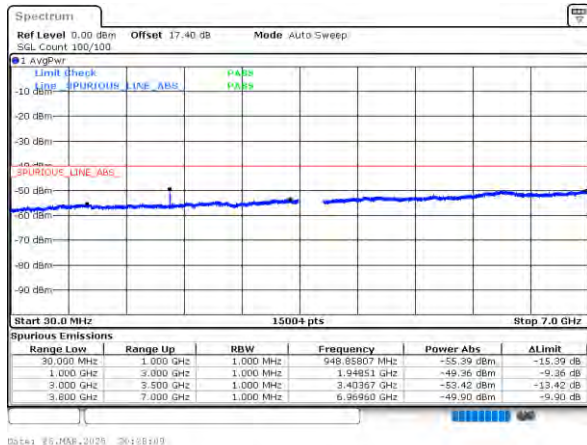
Lowest Channel / 1RB0 and 1RB99



Middle Channel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

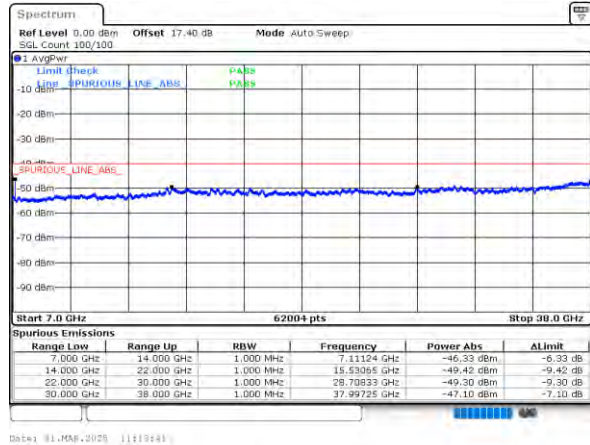
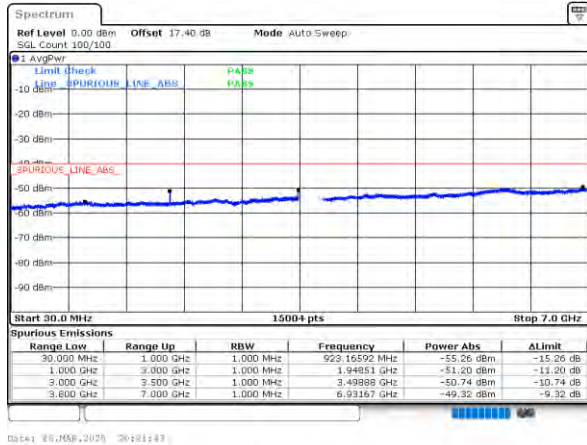




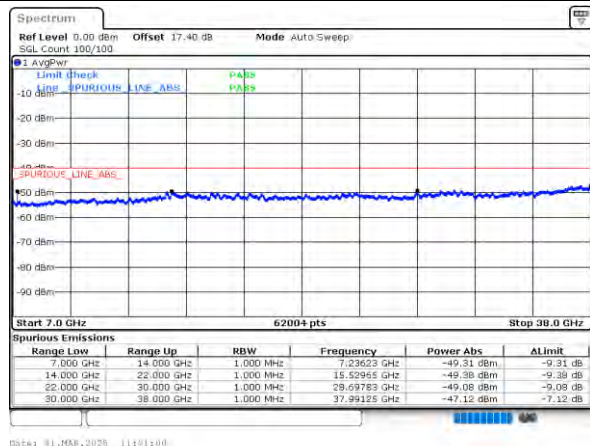
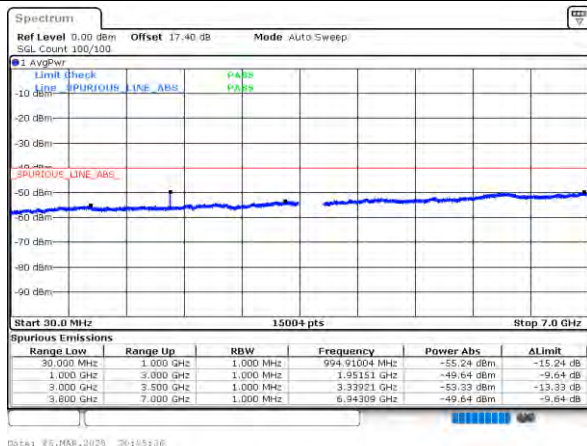
LTE Band 48C / 5MHz+20MHz

QPSK

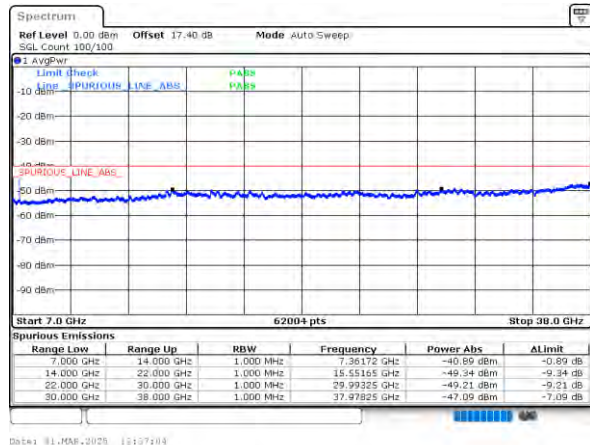
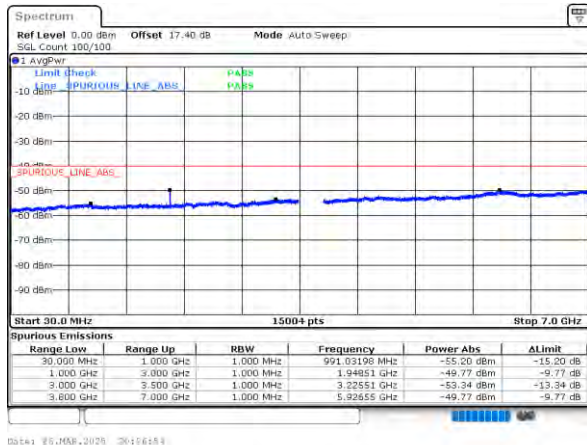
Lowest Channel / 1RB24 and 1RB0



Middle Channel / 1RB24 and 1RB0



Highest Channel / 1RB24 and 1RB0

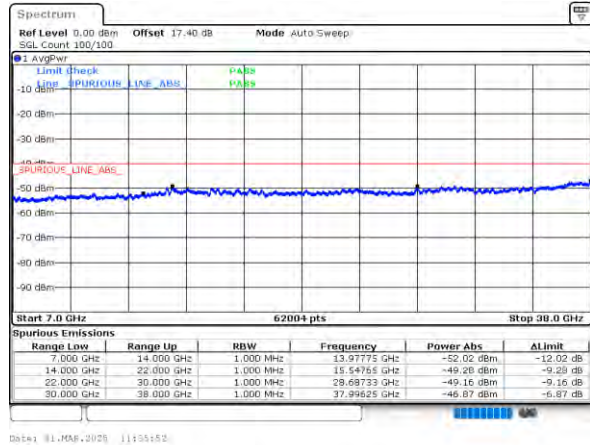
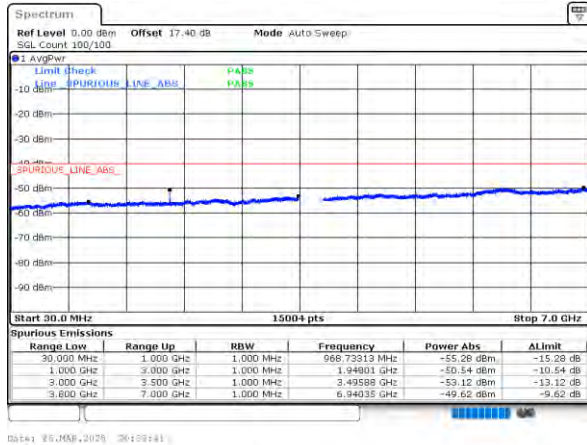




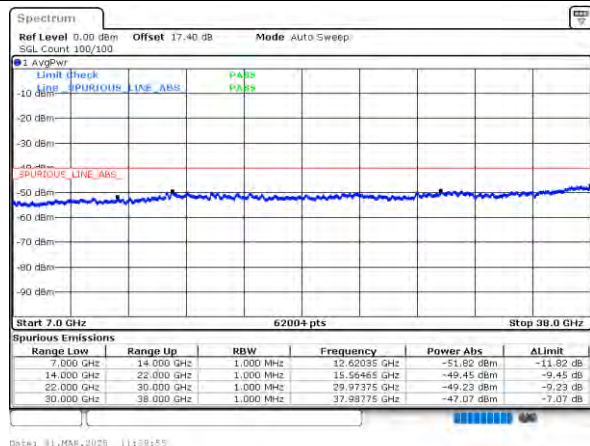
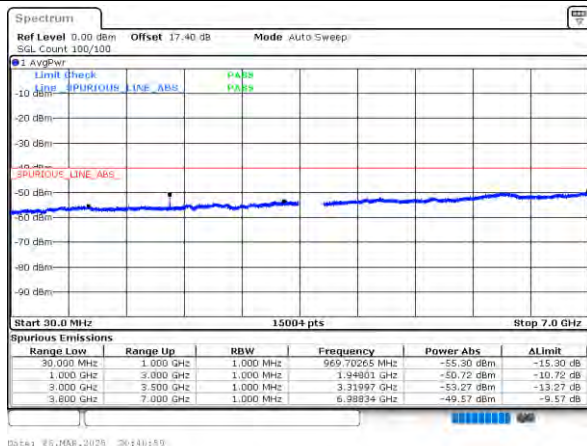
LTE Band 48C / 10MHz+20MHz

QPSK

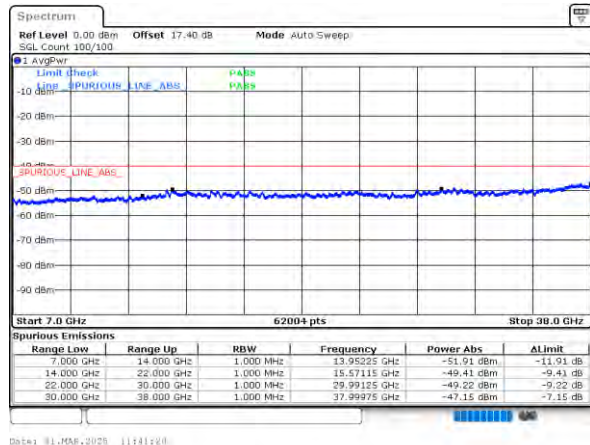
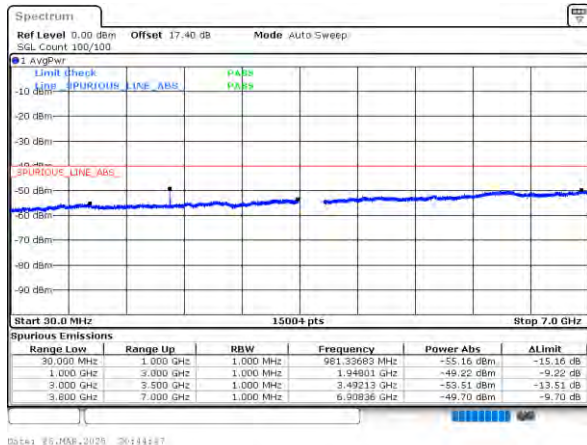
Lowest Channel / 1RB0 and 1RB99



Middle Channel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

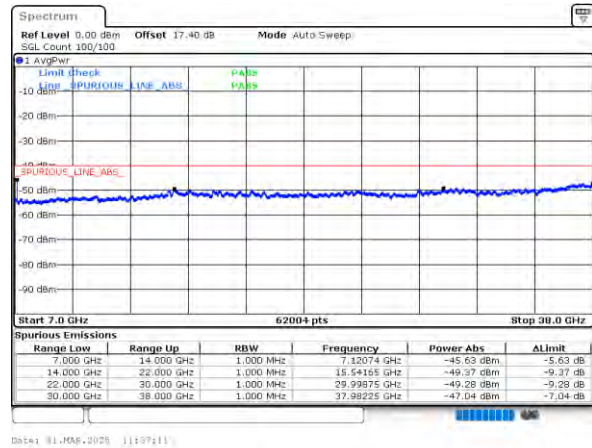
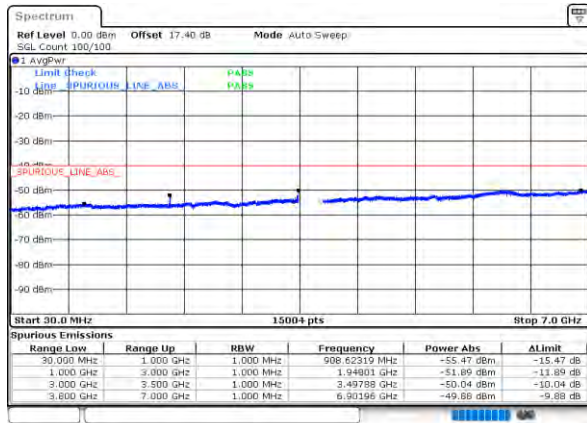




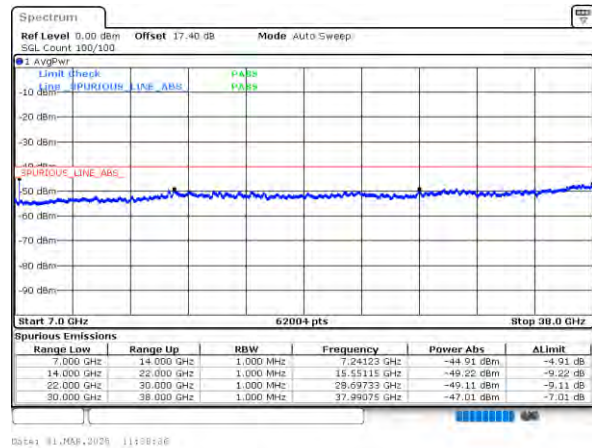
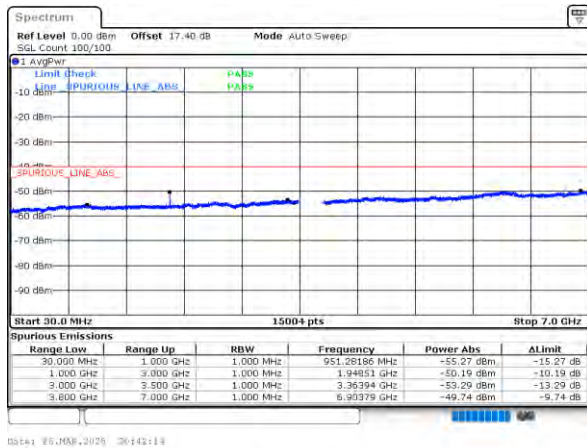
LTE Band 48C / 10MHz+20MHz

QPSK

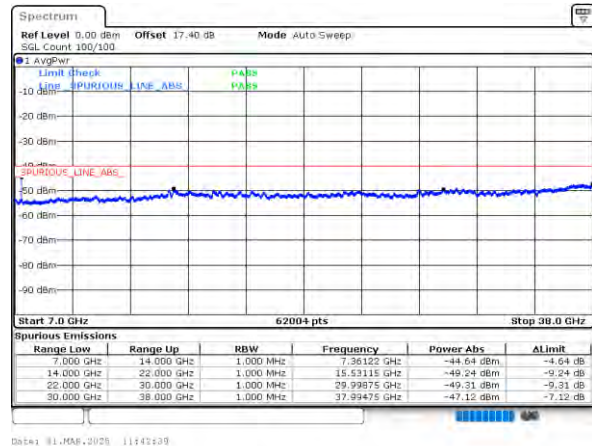
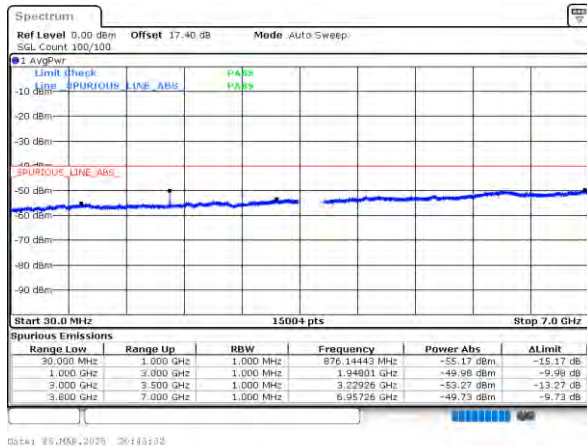
Lowest Channel / 1RB49 and 1RB0



Middle Channel / 1RB49 and 1RB0



Highest Channel / 1RB49 and 1RB0

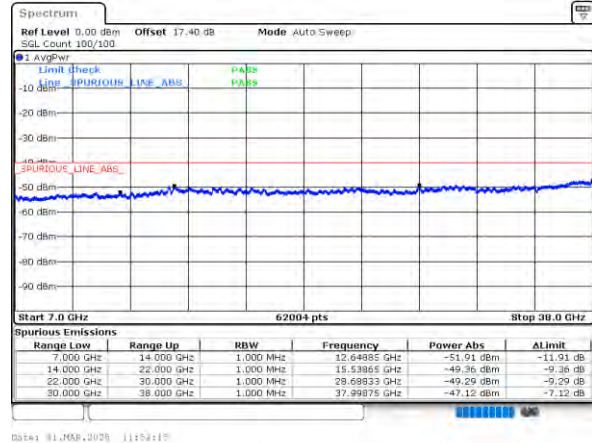
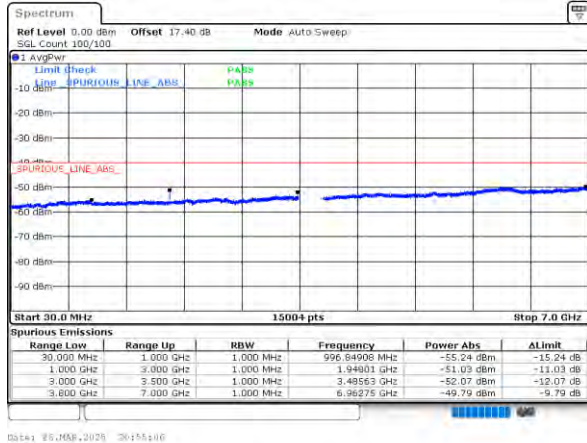




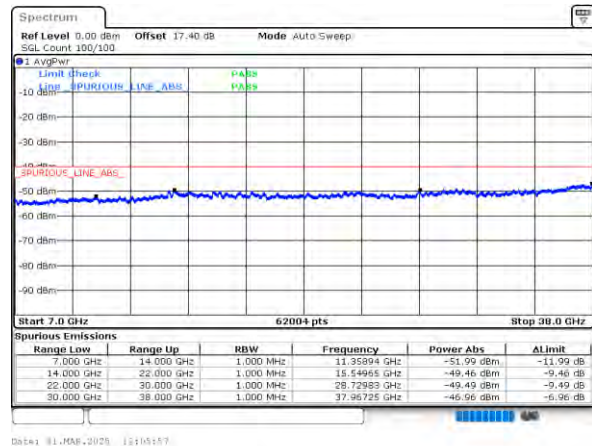
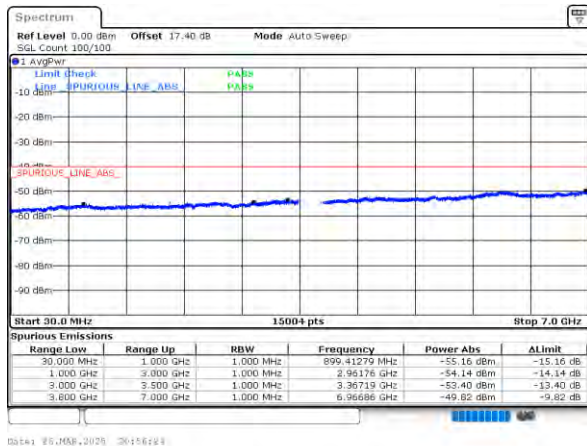
LTE Band 48C / 15MHz+20MHz

QPSK

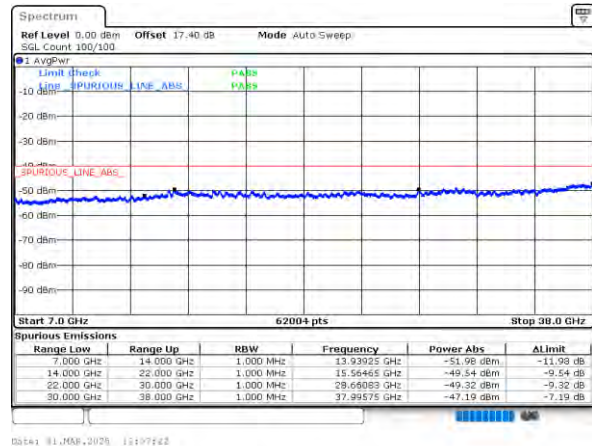
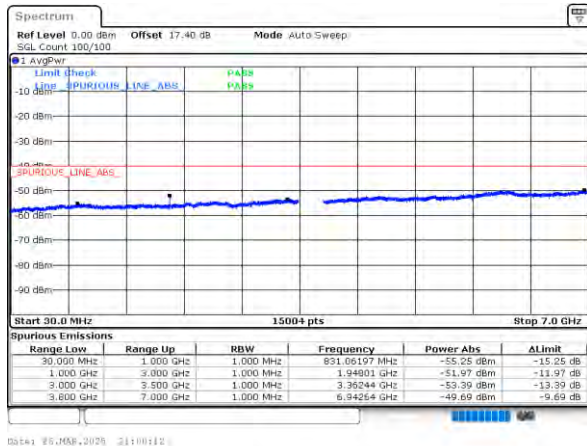
Lowest Channel / 1RB0 and 1RB99



Middle Channel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

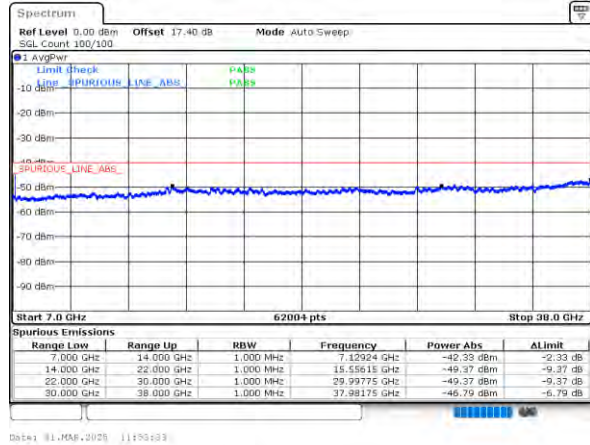
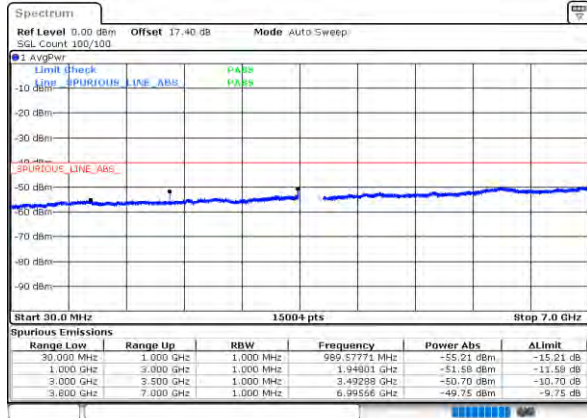




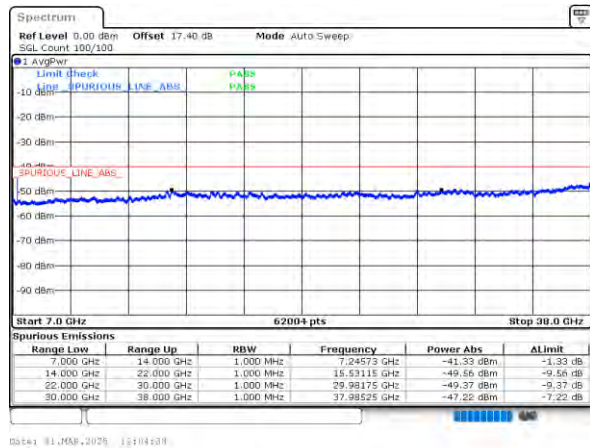
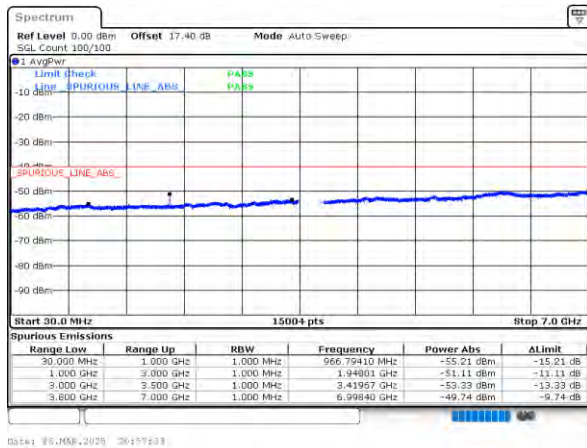
LTE Band 48C / 15MHz+20MHz

QPSK

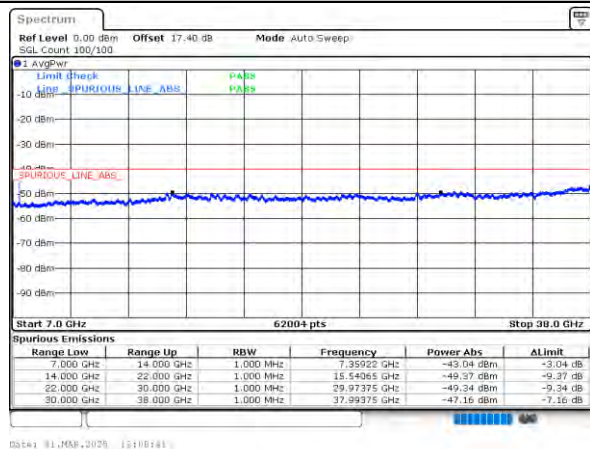
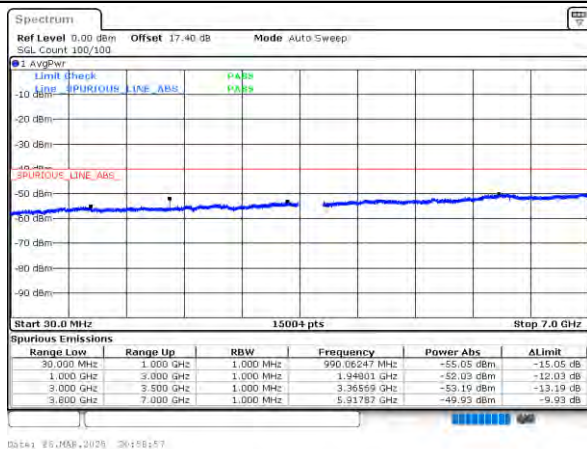
Lowest Channel / 1RB74 and 1RB0



Middle Channel / 1RB74 and 1RB0

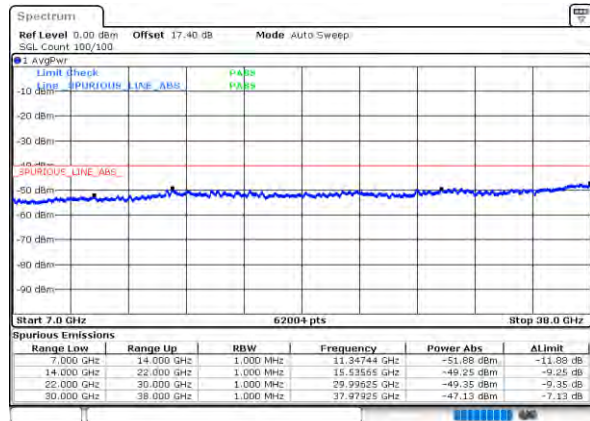


Highest Channel / 1RB74 and 1RB0





Lowest Channel / 1RB0 and 1RB24



Date: 31.MAR.2025 11:57:37

Spectrum

Ref Level 0.00 dBm
Sgl. Count 100/100

Offset 17.40 dB Mode Auto Sweep

1 Avg/ver

Limit check OFF

SPURIOUS LINE ABS

PAS PAS

Start 7.0 GHz 62004 pts Stop 30.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	At Limit
7.000 GHz	14.000 GHz	1.000 MHz	13.97575 GHz	-51.95 dBm	-11.95 dB
14.000 GHz	22.000 GHz	1.000 MHz	18.23817 GHz	-49.41 dBm	-9.41 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99375 GHz	-49.29 dBm	-9.29 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99375 GHz	-47.14 dBm	-7.14 dB

Date: 31.MAR.2025 11:30:28

Spectrum

Ref Level 0.00 dBm Offset 17.40 dB Mode Auto Sweep SGL Count 100/100

1 AvgWv

Limit Check

SPURIOUS LINE ABS

PASS

PASS

SPURIOUS LINE ARG.

Start 7.0 GHz 62004 pts Stop 38.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ALimit
7.000 GHz	14.000 GHz	1.000 MHz	13.29080 GHz	-52.00 dBm	-12.00 dB
11.000 GHz	22.000 GHz	1.000 MHz	15.51766 GHz	-49.42 dBm	-9.42 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98225 GHz	-49.40 dBm	-9.40 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.97275 GHz	-47.11 dBm	-7.11 dB

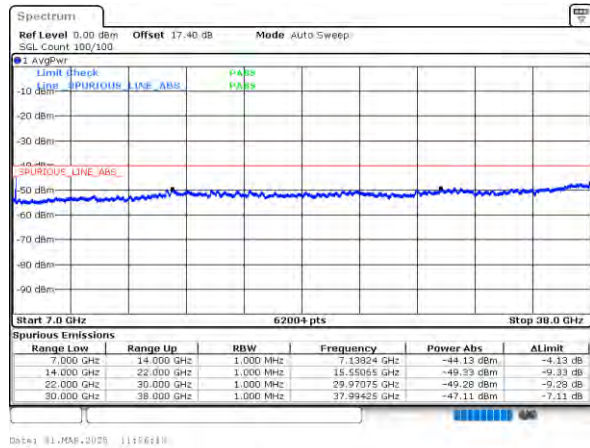
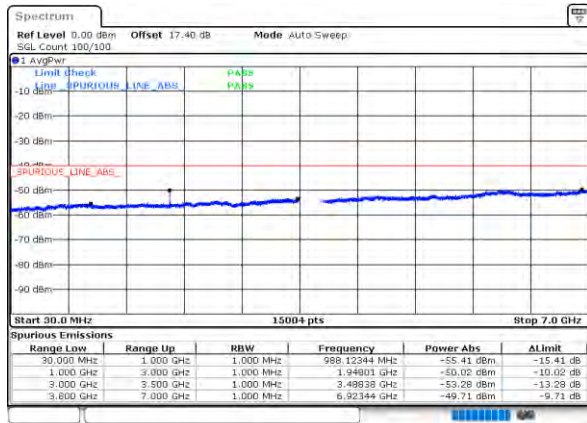
Date: 01.MAR.2025 11:34:23



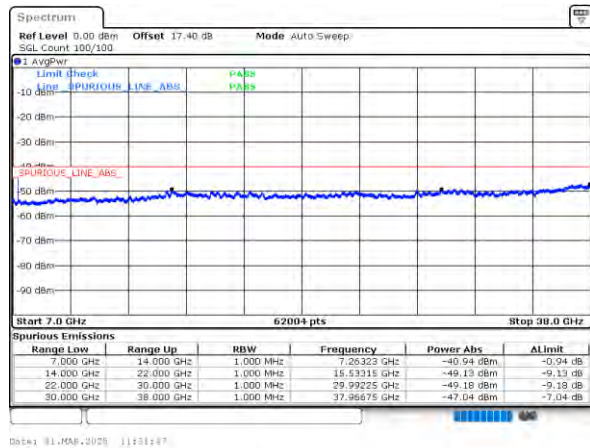
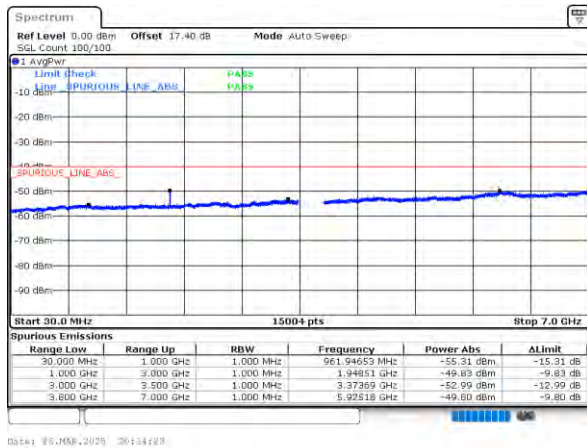
LTE Band 48C / 20MHz+5MHz

QPSK

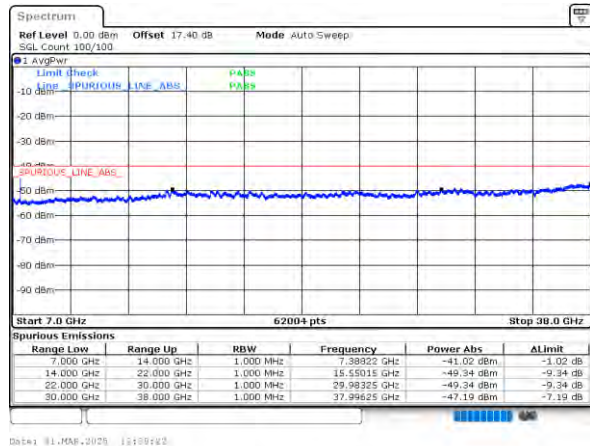
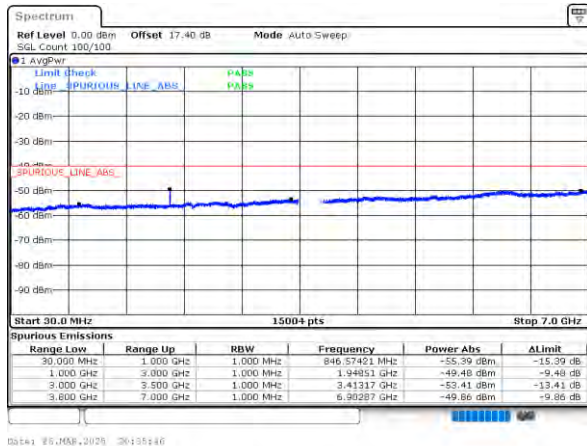
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0

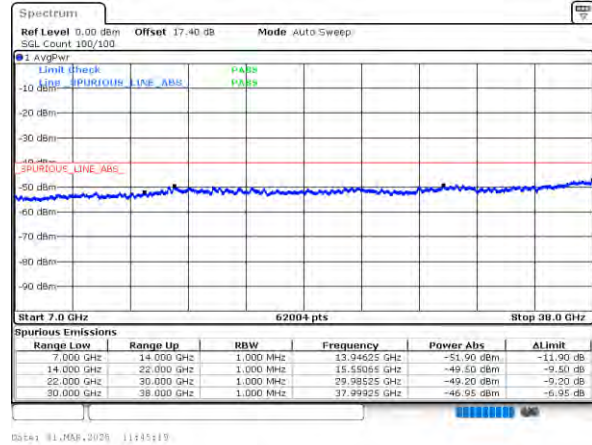
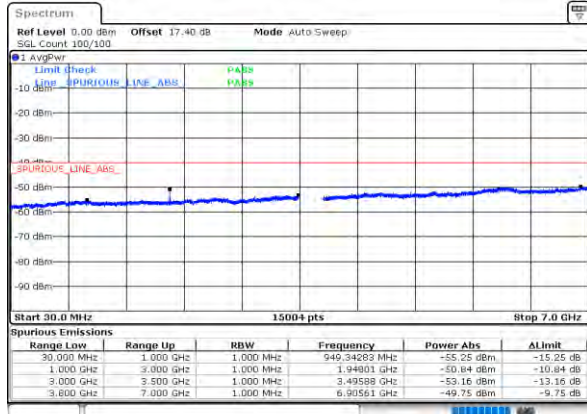




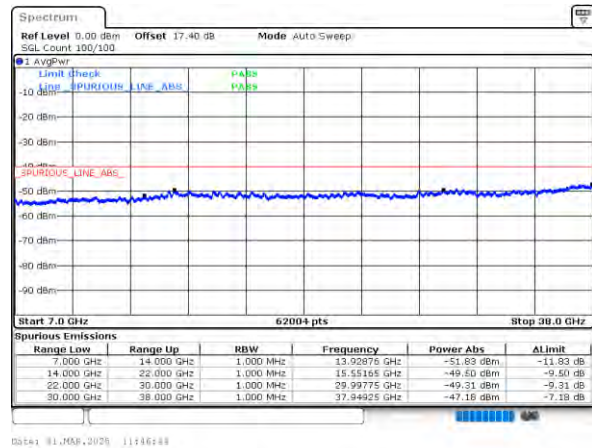
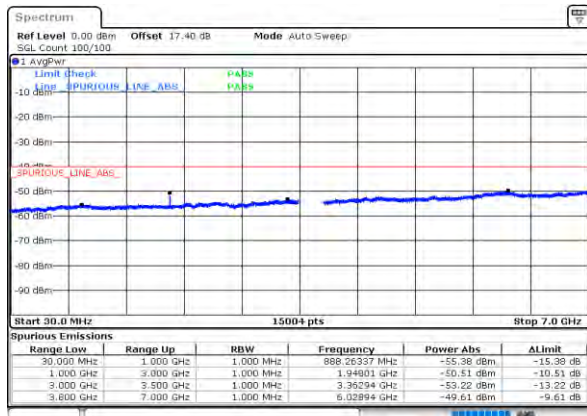
LTE Band 48C / 20MHz+10MHz

QPSK

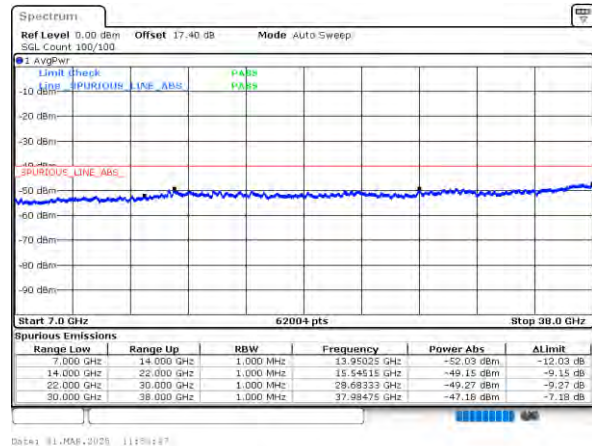
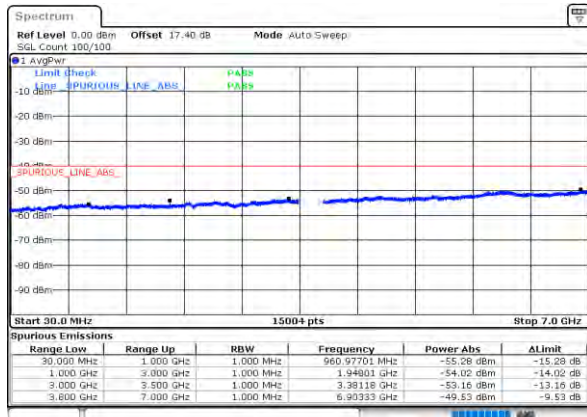
Lowest Channel / 1RB0 and 1RB49



Middle Channel / 1RB0 and 1RB49



Highest Channel / 1RB0 and 1RB49

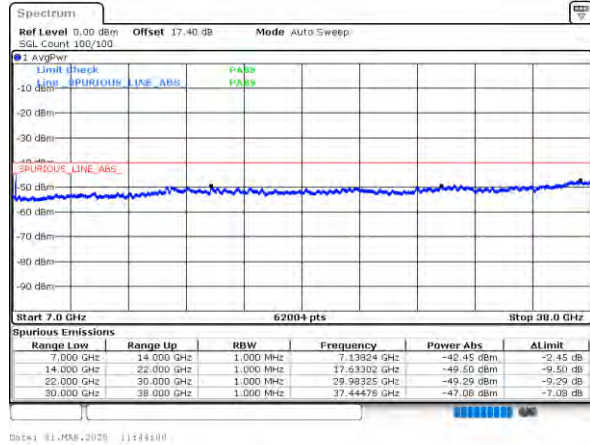
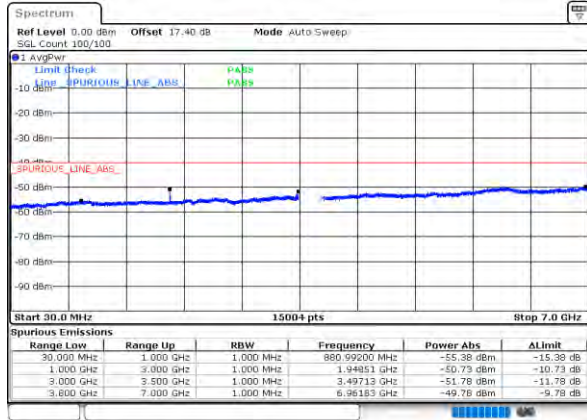




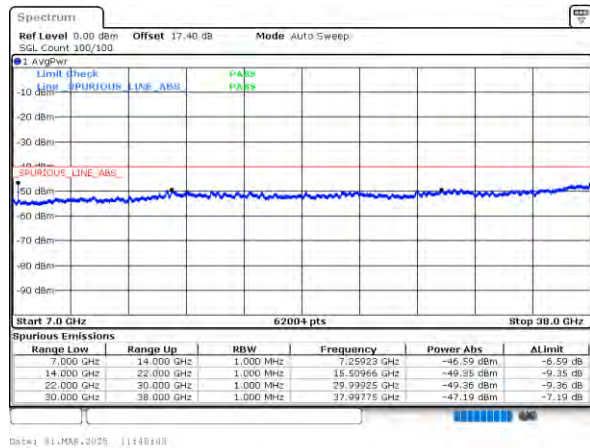
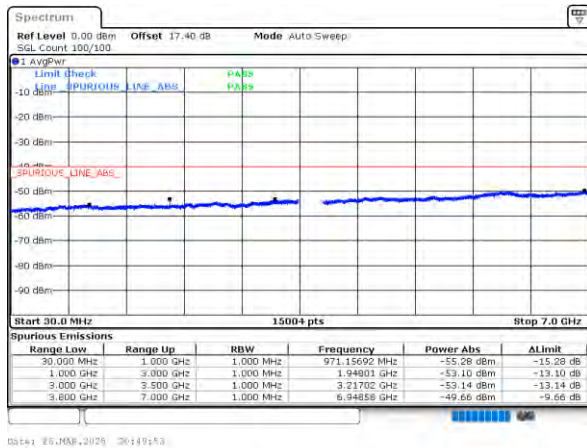
LTE Band 48C / 20MHz+10MHz

QPSK

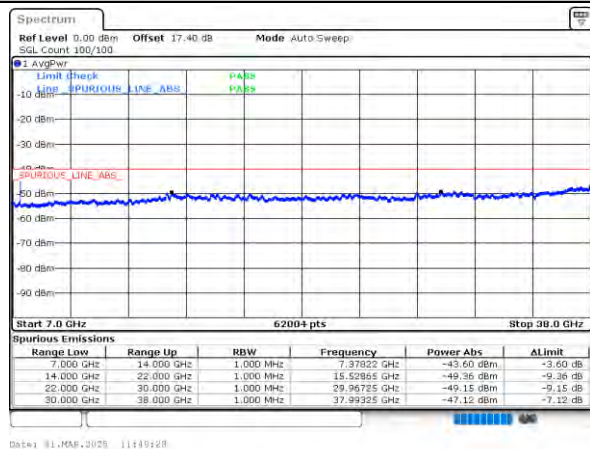
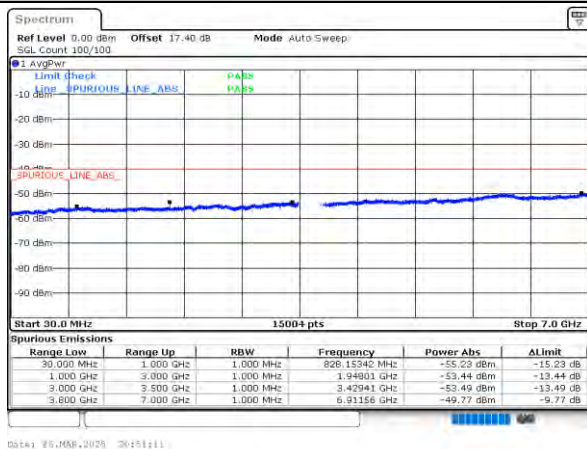
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0

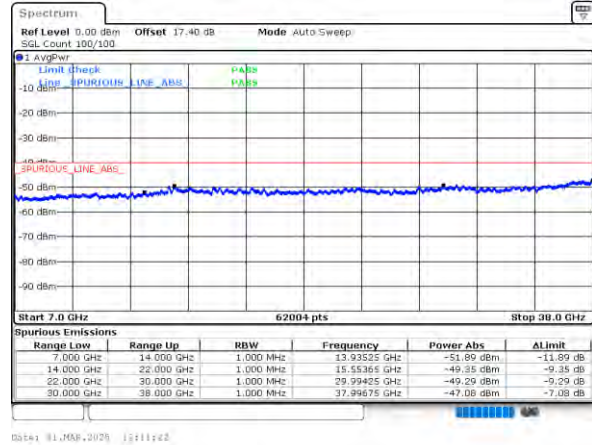
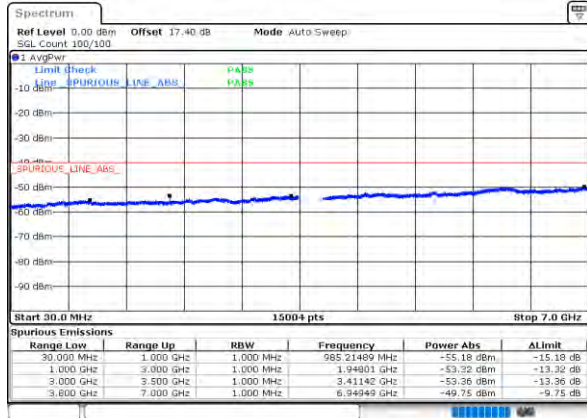




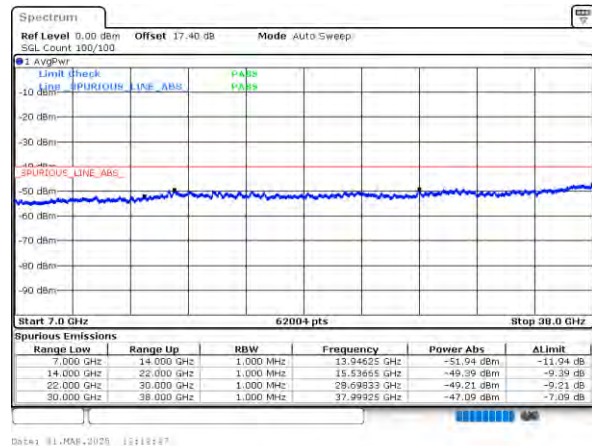
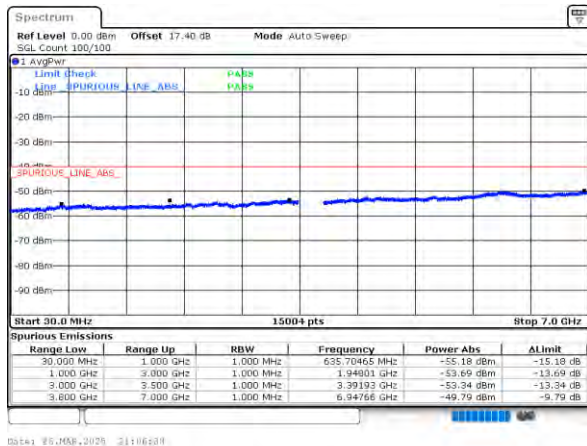
LTE Band 48C / 20MHz+15MHz

QPSK

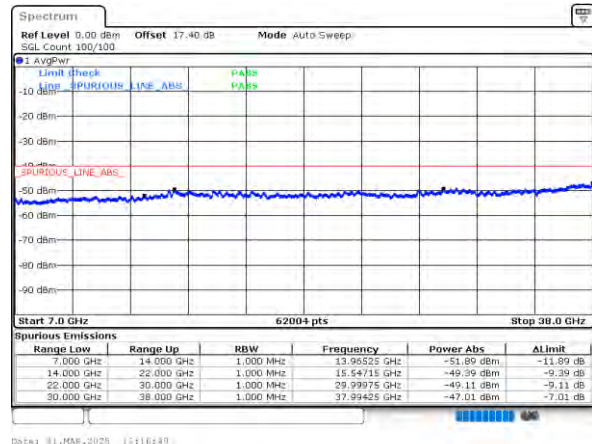
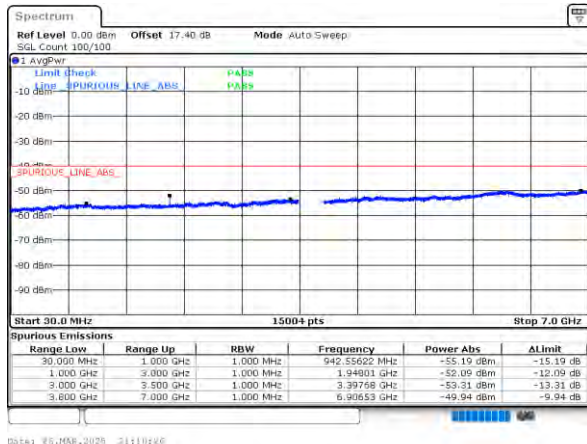
Lowest Channel / 1RB0 and 1RB74



Middle Channel / 1RB0 and 1RB74



Highest Channel / 1RB0 and 1RB74

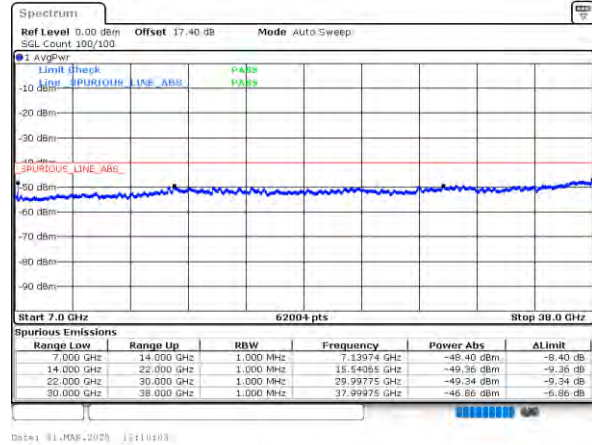
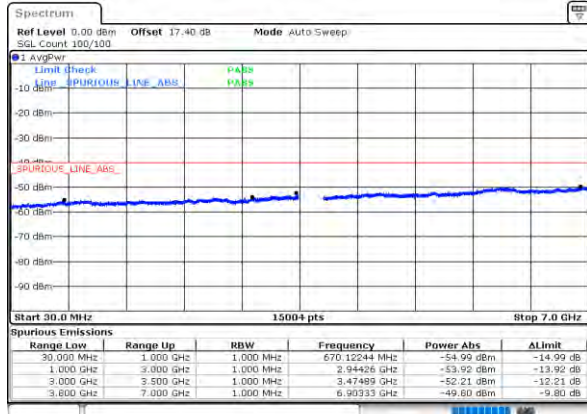




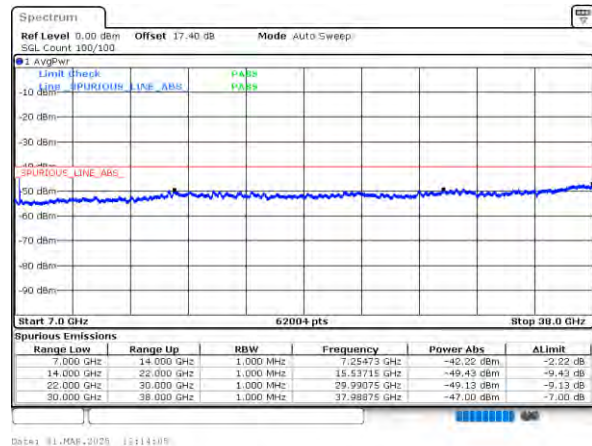
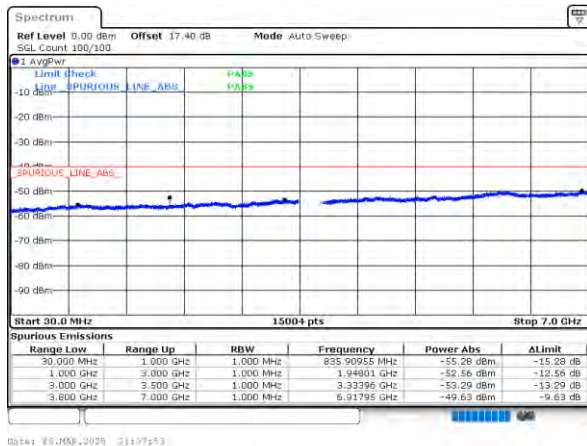
LTE Band 48C / 20MHz+15MHz

QPSK

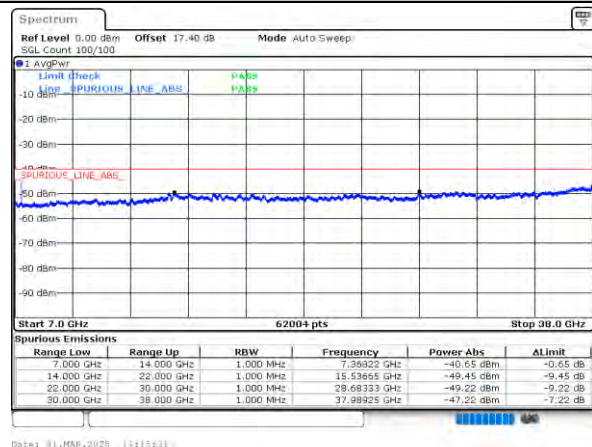
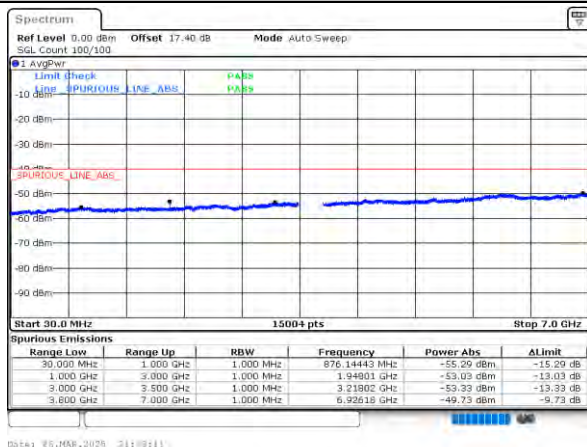
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0





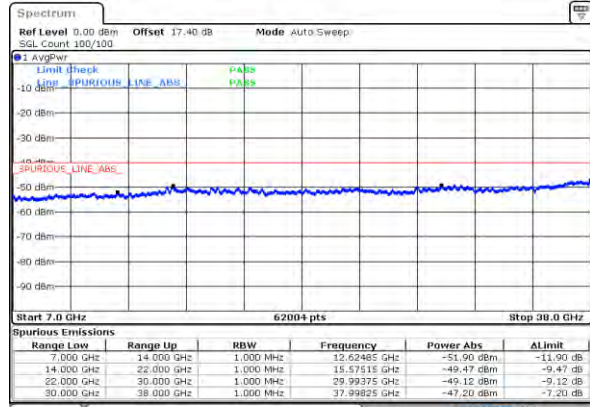
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99



Data: 05.MAR.2025 23:18:59

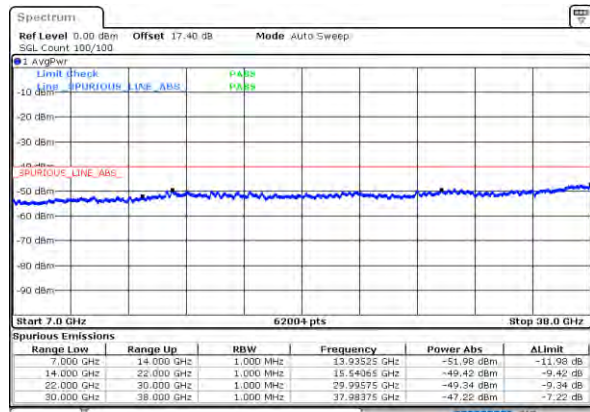


Data: 01.MAR.2025 13:18:07

MiddleChannel / 1RB0 and 1RB99

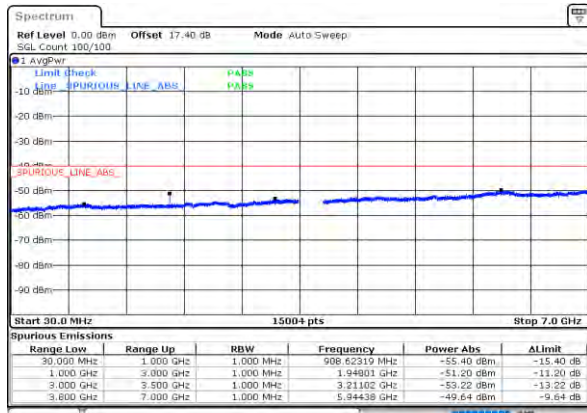


Data: 05.MAR.2025 23:18:17

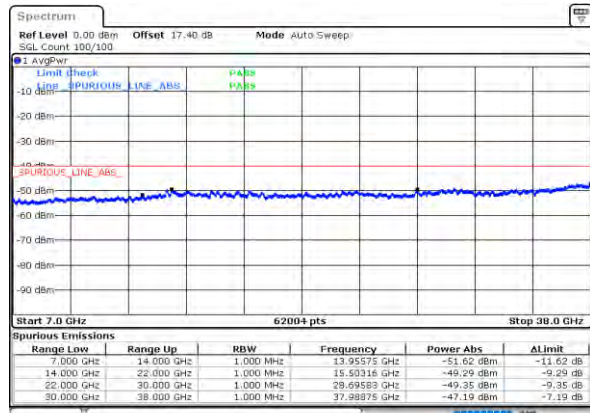


Data: 01.MAR.2025 13:18:09

Highest Channel / 1RB0 and 1RB99



Data: 05.MAR.2025 23:18:09



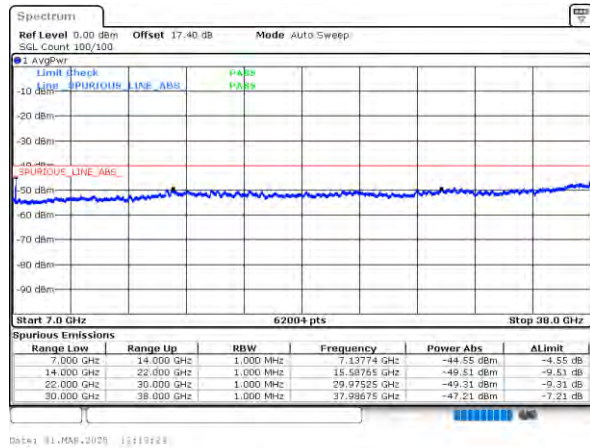
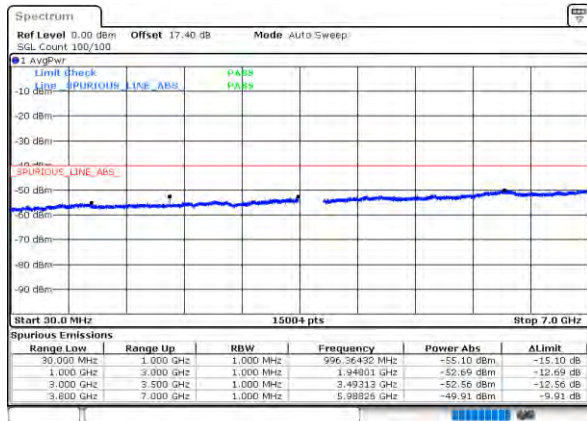
Data: 01.MAR.2025 13:18:27



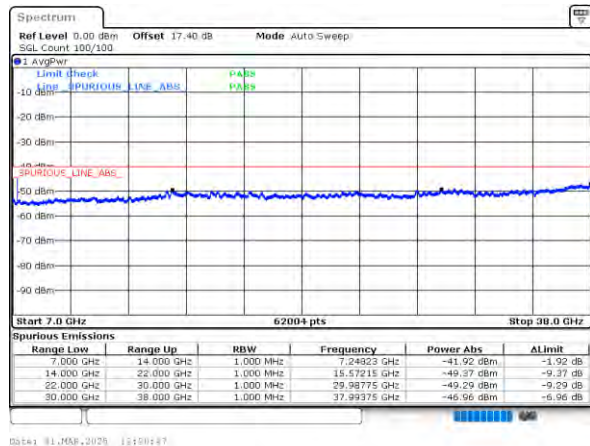
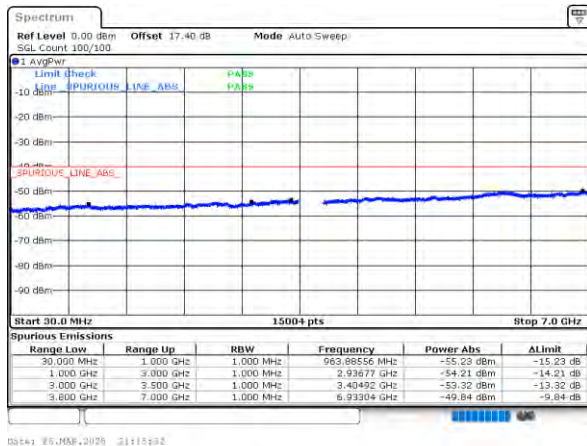
LTE Band 48C / 20MHz+20MHz

QPSK

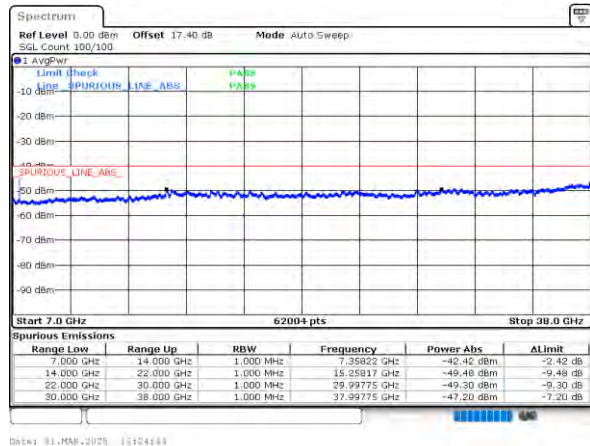
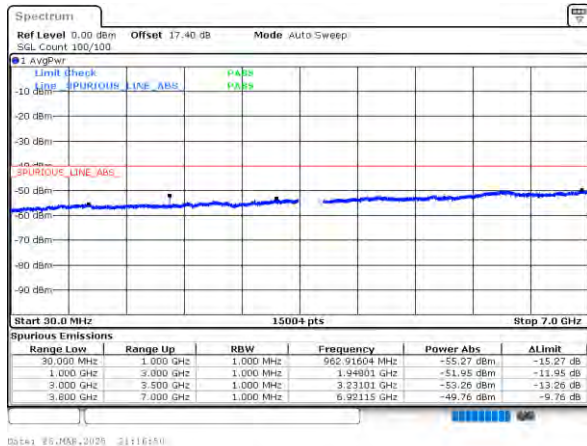
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0





Appendix B. Test Results of Radiated Test

B.1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 96	LTE B48	H	7381	-42.54	RMS	36.41	-23.07	1.44	-95.23	37.91	-40.00	-2.54	V	5

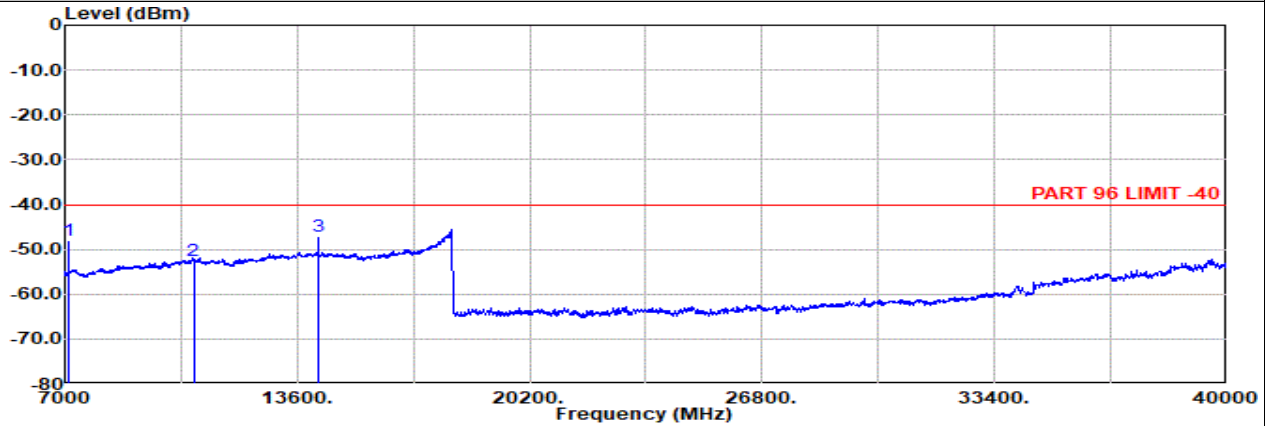


Tx0_Ant 5

Part 96 Mode 1

LTE B48 10M Ch55290 1RB0 QPSK

L

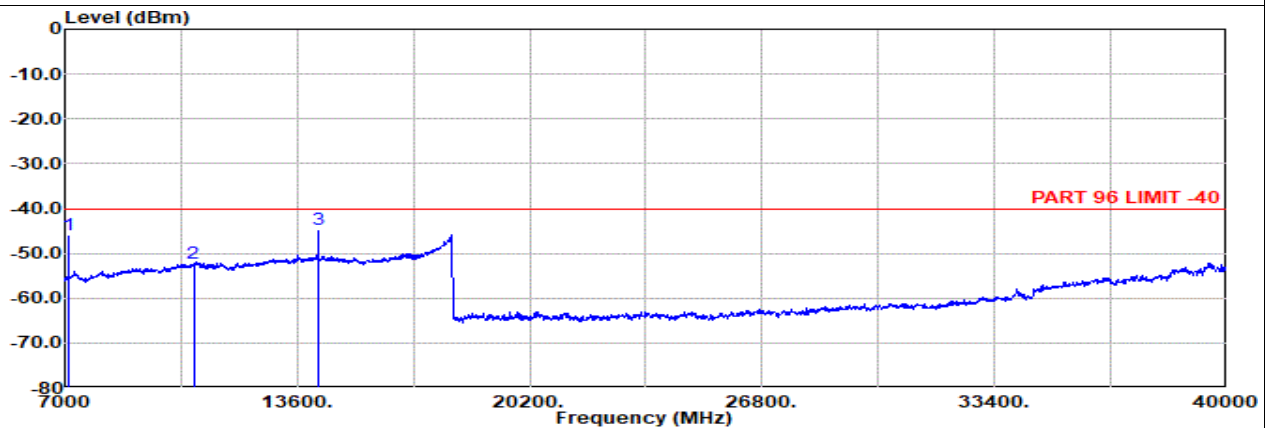


Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_240624 Horizontal

: LTE Band 48 20M Ch55290 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBuV	dBm		
1	7101.00	-47.90	RMS	36.31	-23.18	1.49	-95.23	32.71	-40.00	-7.90	Horizontal
2	10652.00	-52.60	RMS	39.10	-22.91	0.80	-95.23	25.64	-40.00	-12.60	Horizontal
3	14202.00	-47.08	RMS	39.20	-22.18	0.70	-95.23	30.43	-40.00	-7.08	Horizontal



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_240624 Vertical

: LTE Band 48 20M Ch55290 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBuV	dBm		
1	7101.00	-45.86	RMS	36.31	-23.18	1.49	-95.23	34.75	-40.00	-5.86	Vertical
2	10652.00	-52.13	RMS	39.10	-22.91	0.80	-95.23	26.11	-40.00	-12.13	Vertical
3	14202.00	-44.66	RMS	39.20	-22.18	0.70	-95.23	32.85	-40.00	-4.66	Vertical

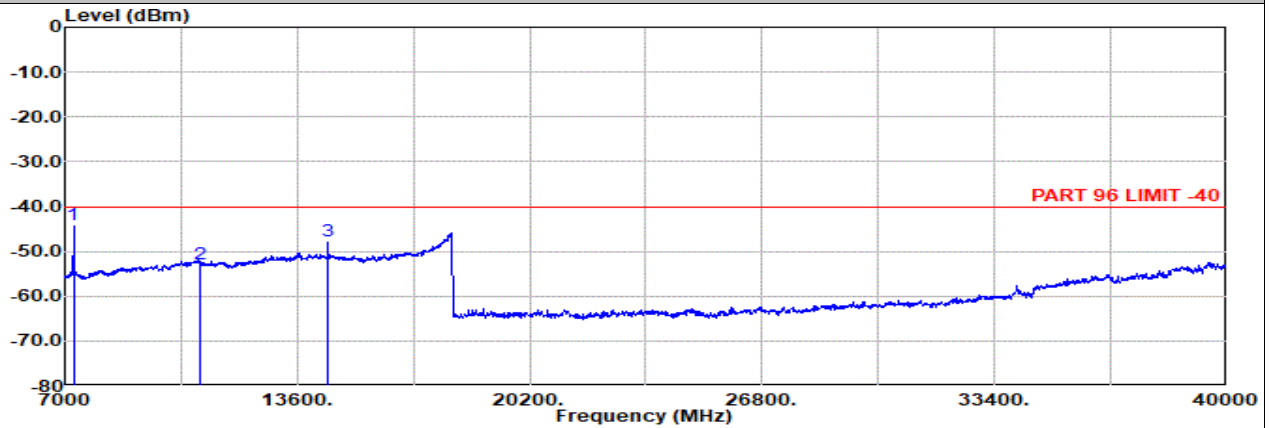


Tx0_Ant 5

Part 96 Mode 1

LTE B48 10M Ch55990 1RB0 QPSK

M

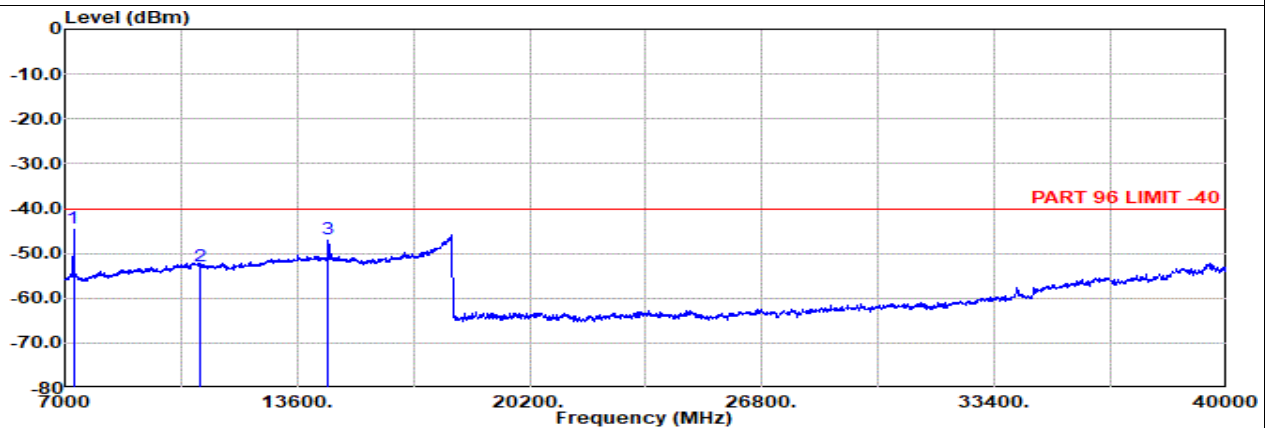


Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_240624 Horizontal

: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	7241.00	-43.95	RMS	36.90	-23.13	1.45	-95.23	36.06	-40.00	-3.95 Horizontal
2	10862.00	-52.70	RMS	39.08	-22.94	0.78	-95.23	25.61	-40.00	-12.70 Horizontal
3	14482.00	-47.67	RMS	39.36	-22.41	0.65	-95.23	29.96	-40.00	-7.67 Horizontal



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_240624 Vertical

: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	7241.00	-44.26	RMS	36.90	-23.13	1.45	-95.23	35.75	-40.00	-4.26 Vertical
2	10862.00	-52.73	RMS	39.08	-22.94	0.78	-95.23	25.58	-40.00	-12.73 Vertical
3	14482.00	-46.79	RMS	39.36	-22.41	0.65	-95.23	30.84	-40.00	-6.79 Vertical

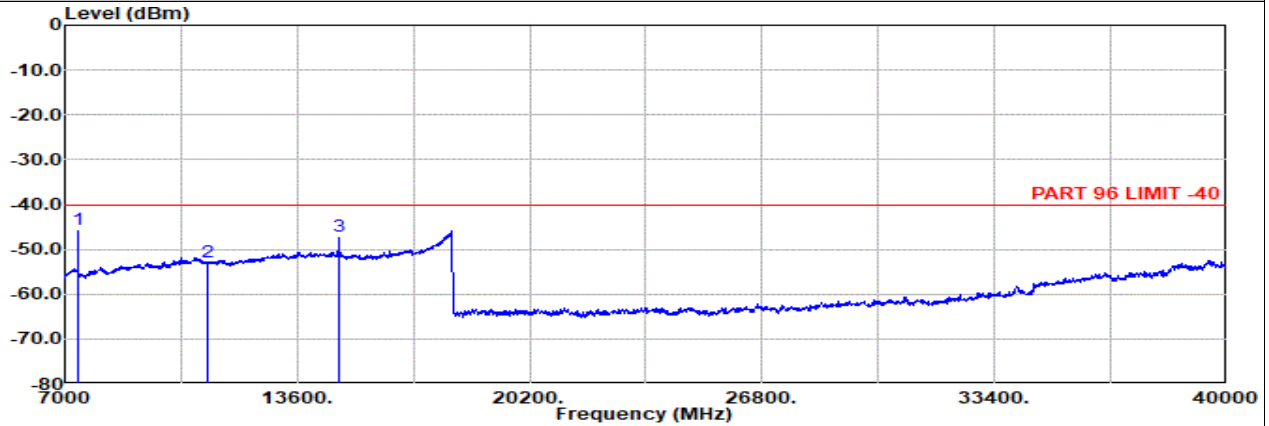


Tx0_Ant 5

Part 96 Mode 1

LTE B48 10M Ch56690 1RB0 QPSK

H

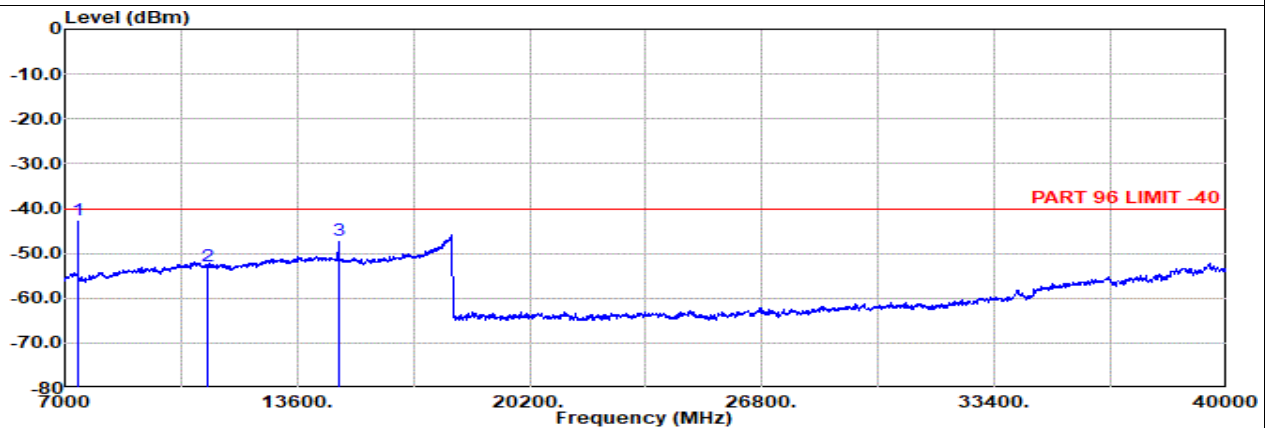


Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_240624 Horizontal

: LTE Band 48 20M Ch56690 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7381.00	-45.62	RMS	36.41	-23.07	1.44	-95.23	34.83	-40.00	-5.62 Horizontal
2	11072.00	-52.84	RMS	38.84	-22.98	0.76	-95.23	25.77	-40.00	-12.84 Horizontal
3	14762.00	-47.16	RMS	39.78	-22.54	0.60	-95.23	30.23	-40.00	-7.16 Horizontal



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1223_240624 Vertical

: LTE Band 48 20M Ch56690 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7381.00	-42.54	RMS	36.41	-23.07	1.44	-95.23	37.91	-40.00	-2.54 Vertical
2	11072.00	-52.84	RMS	38.84	-22.98	0.76	-95.23	25.77	-40.00	-12.84 Vertical
3	14762.00	-47.18	RMS	39.78	-22.54	0.60	-95.23	30.21	-40.00	-7.18 Vertical

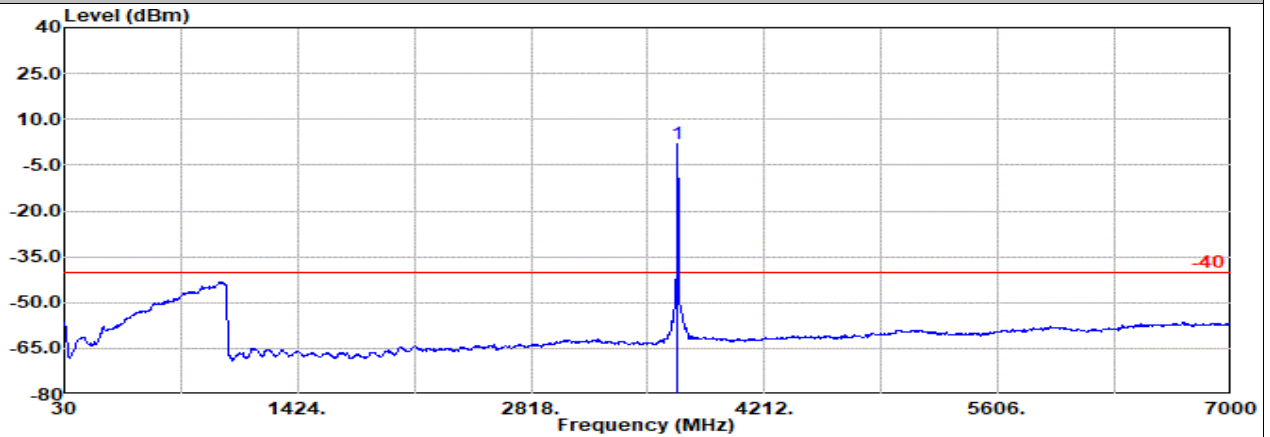


Tx0_Ant 5

Part 96 Mode 1

LTE B48 10M Ch56690 1RB0 QPSK

H



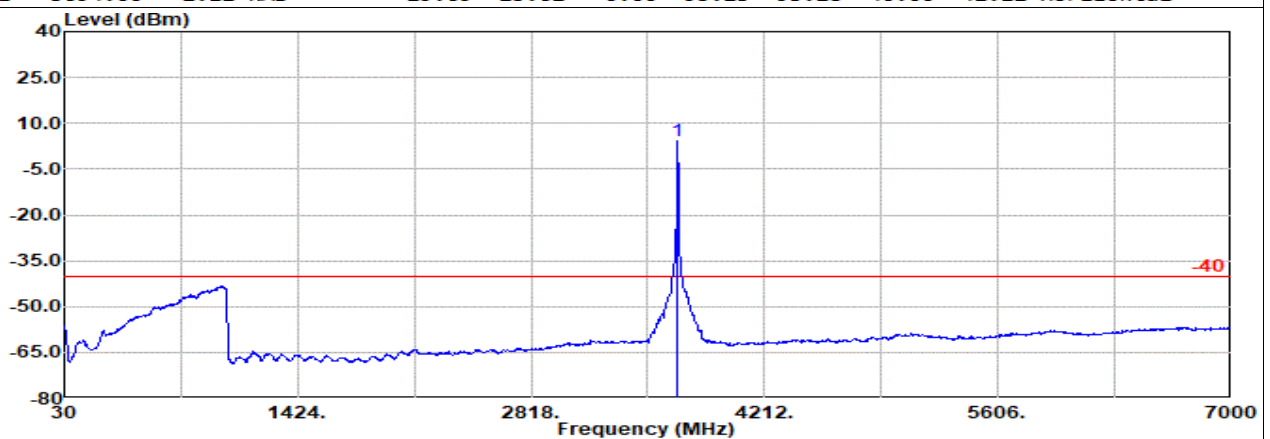
Site : 03CH20-HY

Condition: -40 3m HF_9120D_02360_241101 Horizontal

: LTE Band 48 10M Ch56690 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3694.00	2.12	RMS	29.69	-25.62	0.00	-95.23	93.28	-40.00	42.12 Horizontal



Site : 03CH20-HY

Condition: -40 3m HF_9120D_02360_241101 Vertical

: LTE Band 48 10M Ch56690 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3694.00	4.38	RMS	29.69	-25.62	0.00	-95.23	95.54	-40.00	44.38 Vertical

Remark: #1 is fundamental signal which can be ignored.

**B.2. Summary of each worse mode**

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
2	Part 96	LTE CA 48C	H	7358	-40.45	RMS	36.80	-20.74	1.23	-95.23	37.49	-40.00	-0.45	V	ANT5

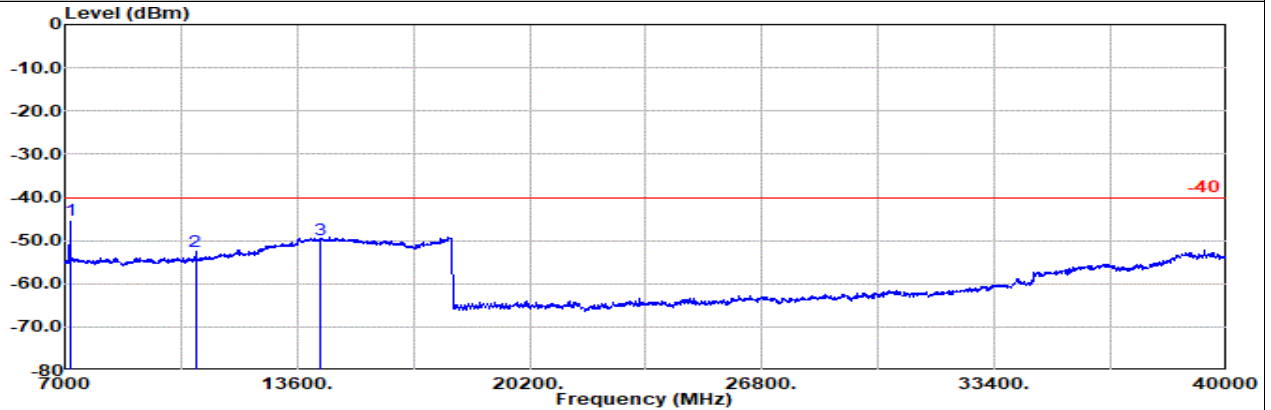


TX0_ANT 5

Part 96 Mode 2

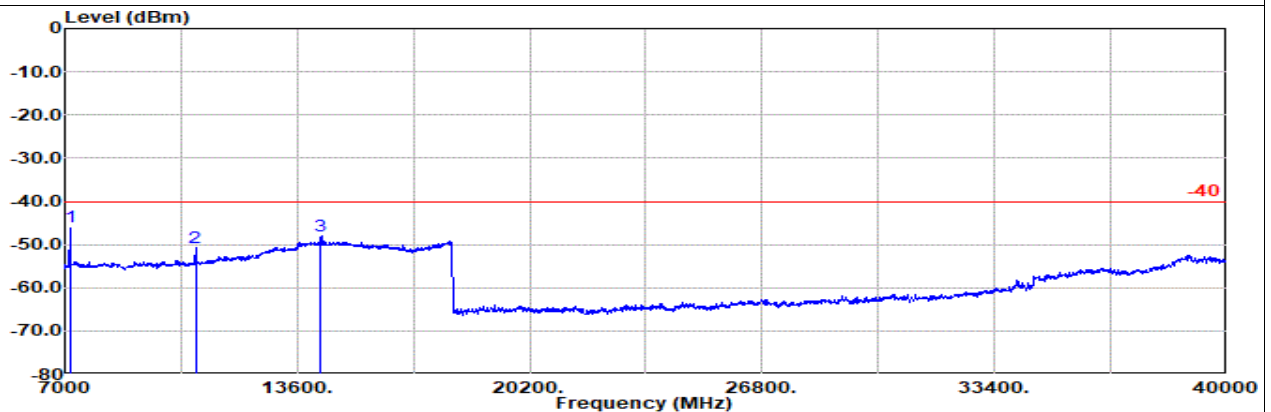
LTE CA 48C 20M + 20M Ch55340 1RB99 QPSK + Ch55538 1RB0 QPSK

L



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1223_240624 Horizontal
: LTE B48 20M Ch55340 1RB99 QPSK
: LTE B48 20M Ch55538 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB			dBuV	dBm	dB	
1	7138.00	-45.32	RMS	36.38	-20.86	1.35	-95.23	33.04	-40.00	-5.32	Horizontal	
2	10707.00	-52.42	RMS	37.50	-21.43	0.79	-95.23	25.95	-40.00	-12.42	Horizontal	
3	14276.00	-49.66	RMS	41.25	-22.12	0.75	-95.23	25.69	-40.00	-9.66	Horizontal	



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1223_240624 Vertical
: LTE B48 20M Ch55340 1RB99 QPSK
: LTE B48 20M Ch55538 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB			dBuV	dBm	dB	
1	7138.00	-45.76	RMS	36.38	-20.86	1.35	-95.23	32.60	-40.00	-5.76	Vertical	
2	10707.00	-50.65	RMS	37.50	-21.43	0.79	-95.23	27.72	-40.00	-10.65	Vertical	
3	14276.00	-48.14	RMS	41.25	-22.12	0.75	-95.23	27.21	-40.00	-8.14	Vertical	

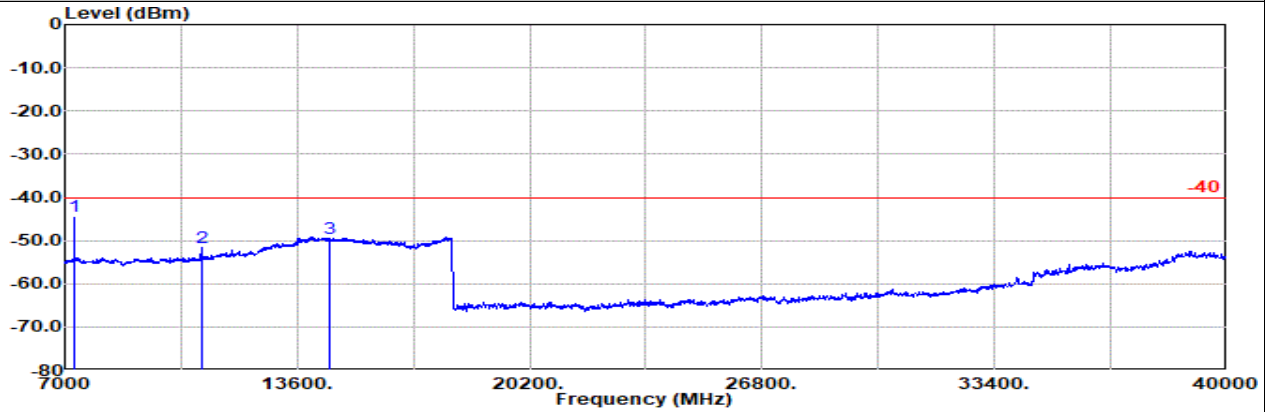


TX0_ANT 5

Part 96 Mode 2

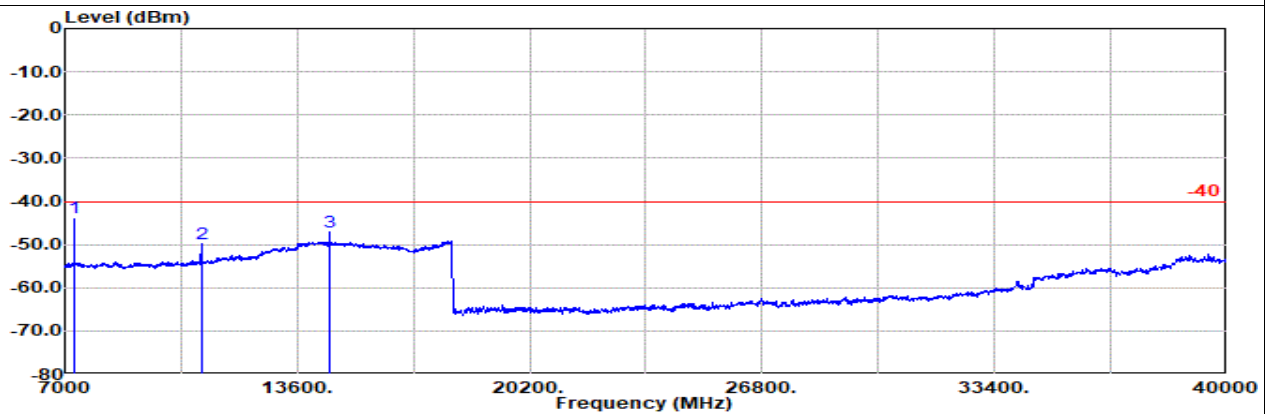
LTE CA 48C 20M + 20M Ch55891 1RB99 QPSK + Ch56089 1RB0 QPSK

M



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1223_240624 Horizontal
: LTE B48 20M Ch55891 1RB99 QPSK
: LTE B48 20M Ch56089 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB						
1	7248.00	-44.39	RMS	36.60	-20.80	1.29	-95.23	33.75	-40.00	-4.39	Horizontal	
2	10872.00	-51.69	RMS	37.54	-21.41	0.78	-95.23	26.63	-40.00	-11.69	Horizontal	
3	14496.00	-49.53	RMS	41.29	-22.62	0.72	-95.23	26.31	-40.00	-9.53	Horizontal	



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1223_240624 Vertical
: LTE B48 20M Ch55891 1RB99 QPSK
: LTE B48 20M Ch56089 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB						
1	7248.00	-43.67	RMS	36.60	-20.80	1.29	-95.23	34.47	-40.00	-3.67	Vertical	
2	10872.00	-49.69	RMS	37.54	-21.41	0.78	-95.23	28.63	-40.00	-9.69	Vertical	
3	14496.00	-47.23	RMS	41.29	-22.62	0.72	-95.23	28.61	-40.00	-7.23	Vertical	

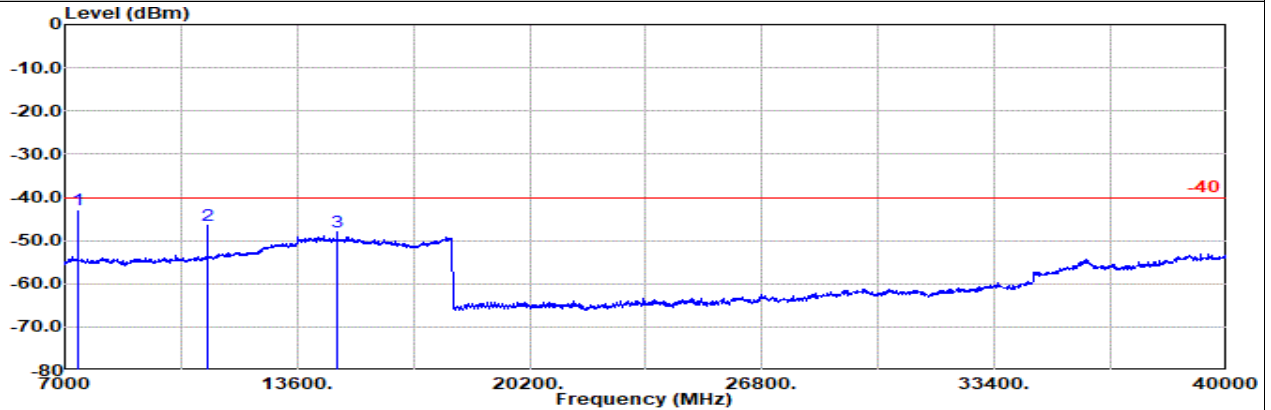


TX0_ANT 5

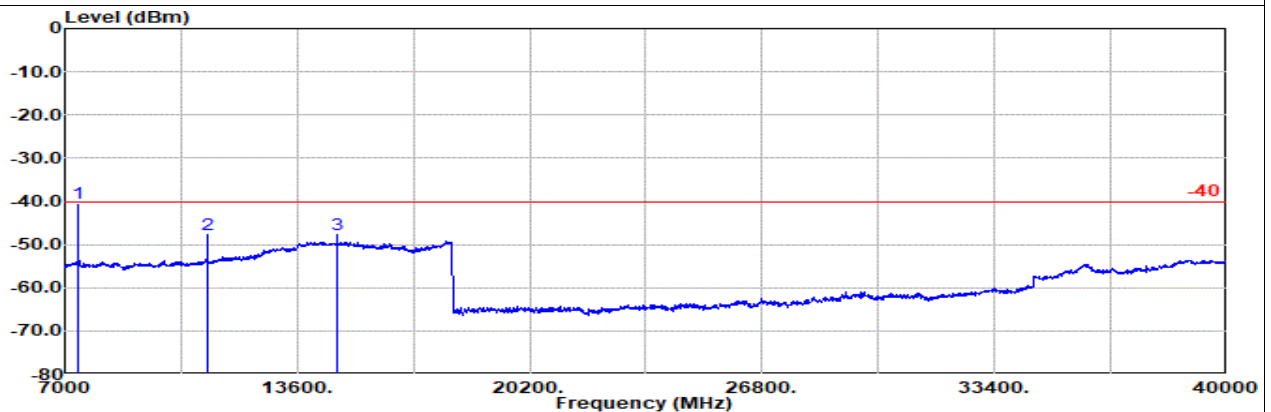
Part 96 Mode 2

LTE CA 48C 20M + 20M Ch56442 1RB99 QPSK + Ch56640 1RB0 QPSK

H



	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-42.77	RMS	36.80	-20.74	1.23	-95.23	35.17	-40.00	-2.77	Horizontal	
2	11037.00	-46.61	RMS	37.77	-21.41	0.77	-95.23	31.49	-40.00	-6.61	Horizontal	
3	14716.00	-47.87	RMS	41.37	-22.54	0.69	-95.23	27.84	-40.00	-7.87	Horizontal	



	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-40.45	RMS	36.80	-20.74	1.23	-95.23	37.49	-40.00	-0.45	Vertical	
2	11037.00	-47.57	RMS	37.77	-21.41	0.77	-95.23	30.53	-40.00	-7.57	Vertical	
3	14716.00	-47.64	RMS	41.37	-22.54	0.69	-95.23	28.07	-40.00	-7.64	Vertical	

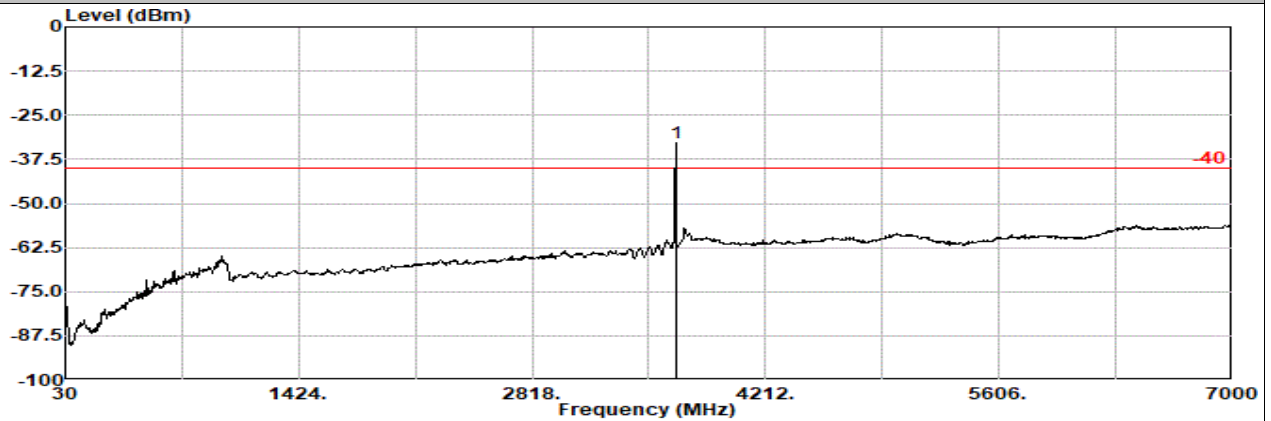


TX0_ANT 5

Part 96 Mode 2

LTE CA 48C 20M + 20M Ch56442 1RB99 QPSK + Ch56640 1RB0 QPSK

H



Site : 03CH21-HY

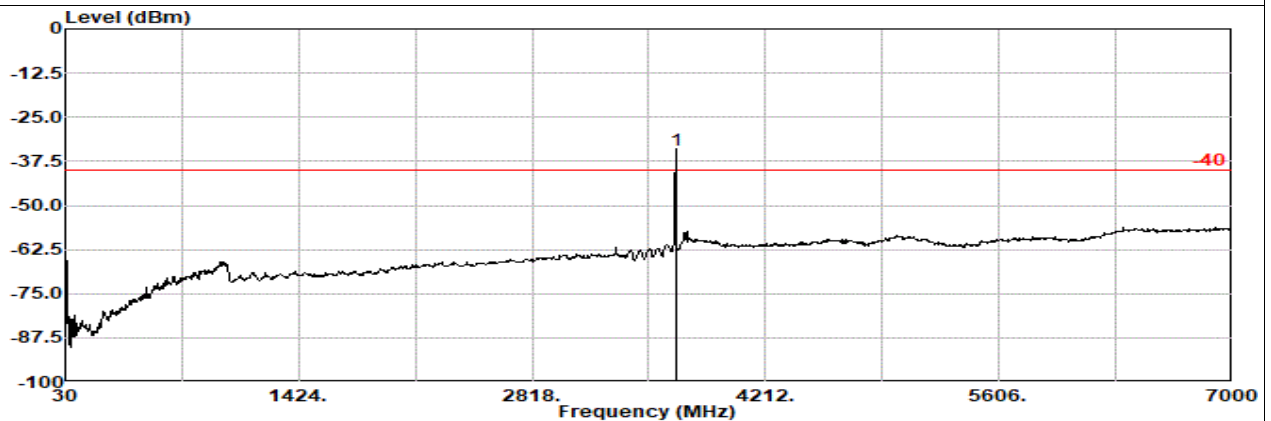
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal

: LTE B48 20M Ch56442 1RB99 QPSK

: LTE B48 20M Ch56089 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm									
1	3679.00	-32.95	RMS	29.52	-22.28	0.56	-95.23	54.48	-40.00	7.05 Horizontal



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical

: LTE B48 20M Ch56442 1RB99 QPSK

: LTE B48 20M Ch56089 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm									
1	3679.00	-34.31	RMS	29.52	-22.28	0.56	-95.23	53.12	-40.00	5.69 Vertical

Remark: #1 is fundamental signal which can be ignored.