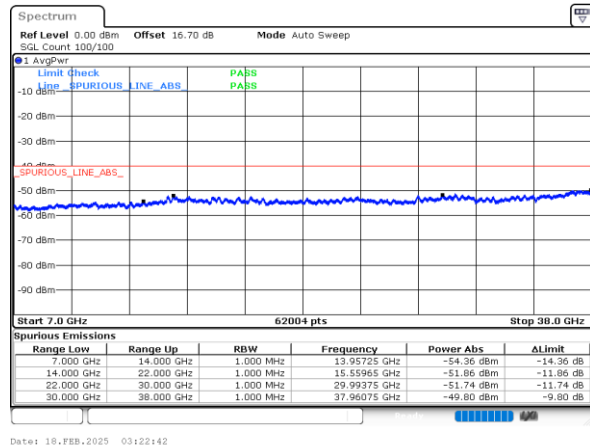
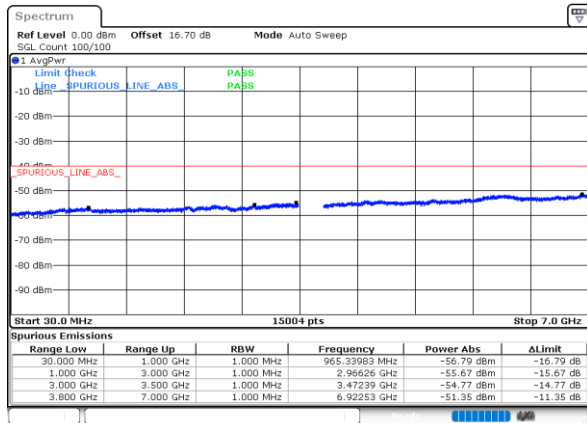




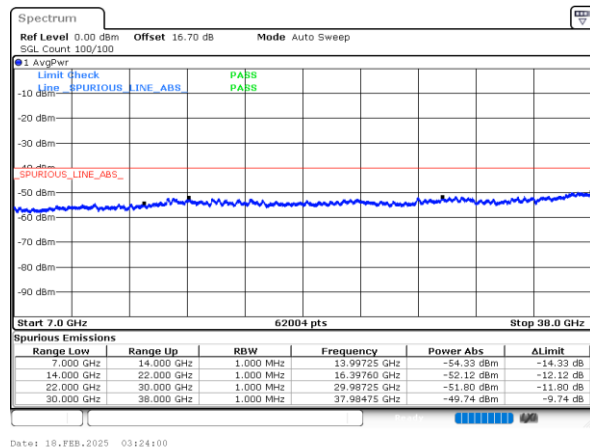
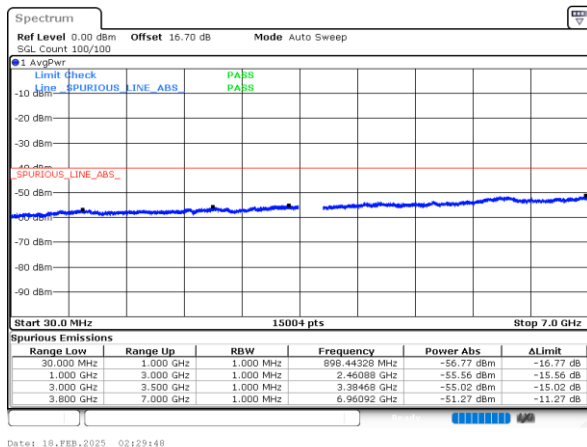
LTE Band 48C / 20MHz+15MHz

QPSK

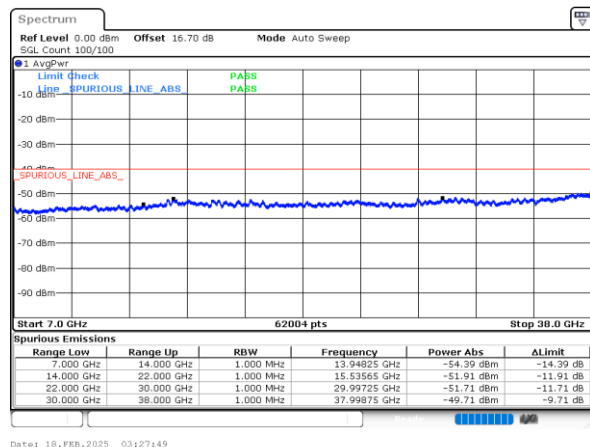
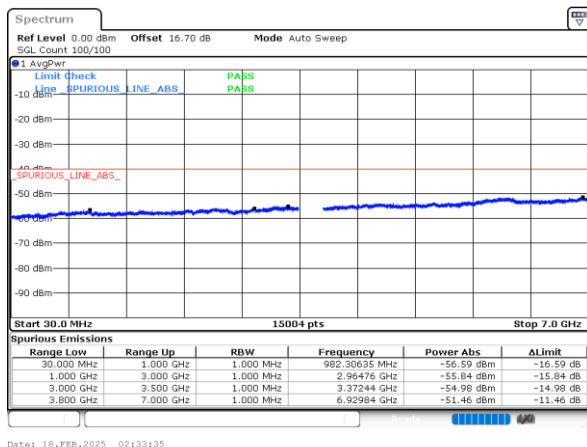
Lowest Channel / 1RB0 and 1RB74



Middle Channel / 1RB0 and 1RB74



Highest Channel / 1RB0 and 1RB74

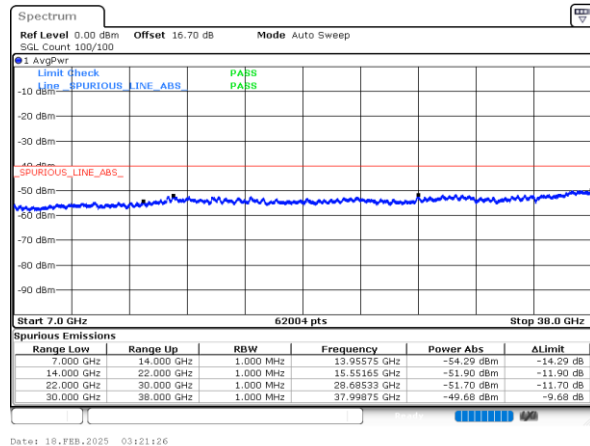
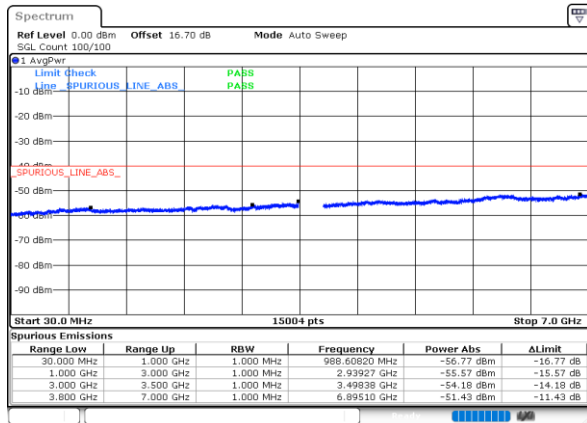




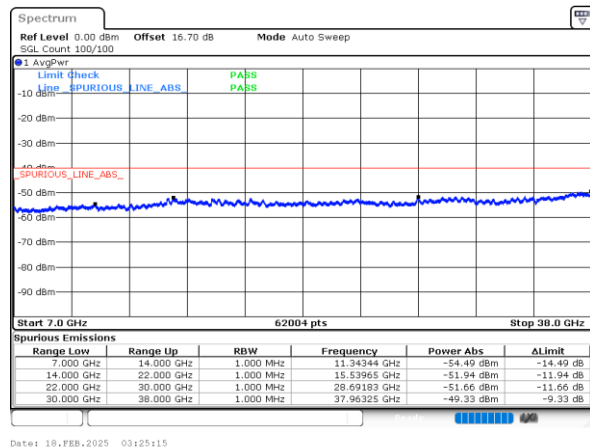
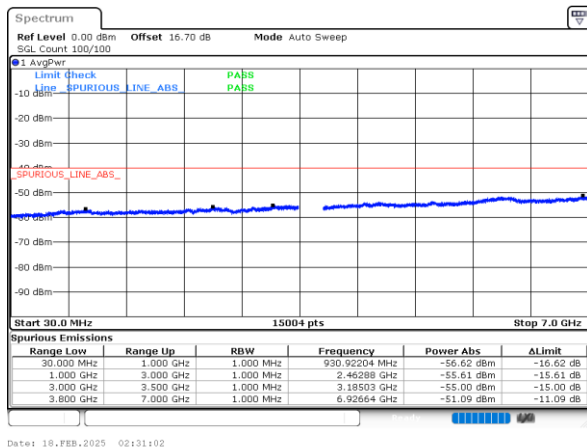
LTE Band 48C / 20MHz+15MHz

QPSK

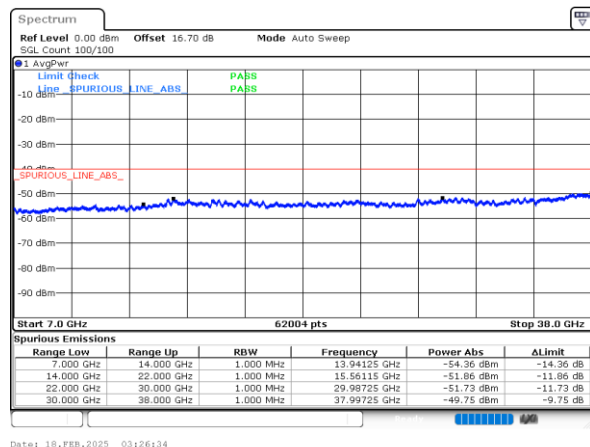
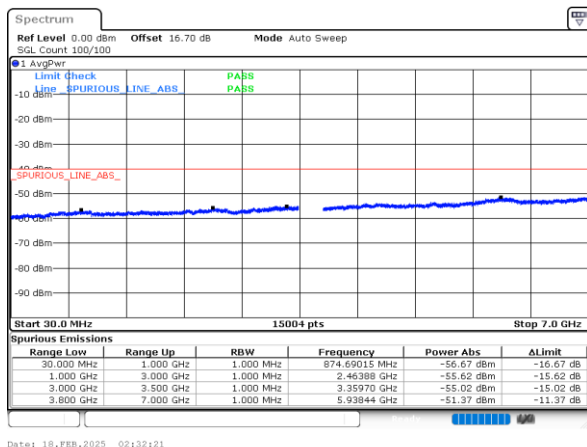
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0

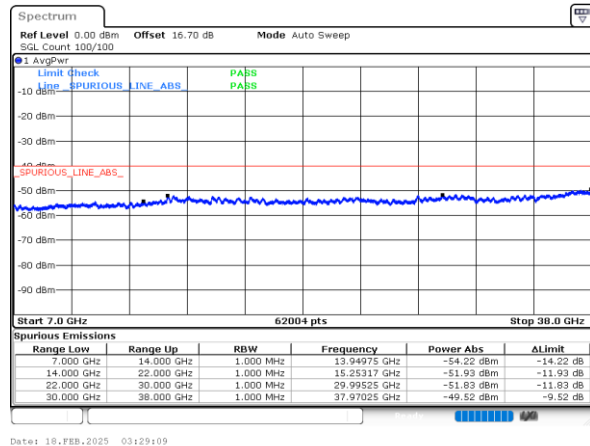
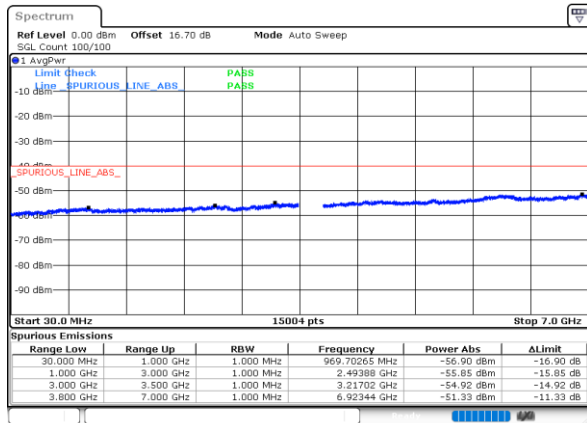




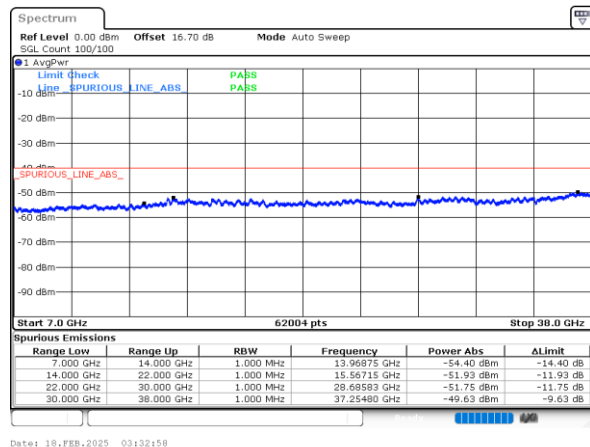
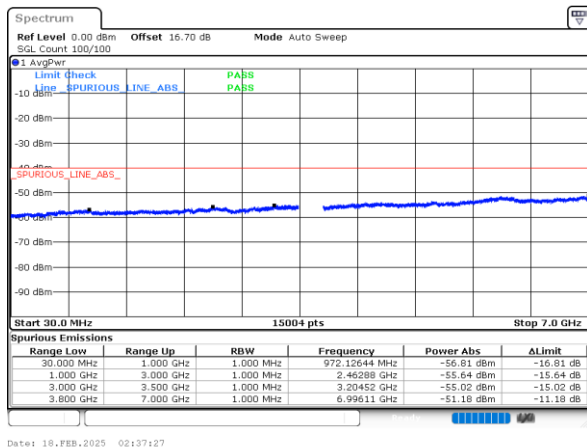
LTE Band 48C / 20MHz+20MHz

QPSK

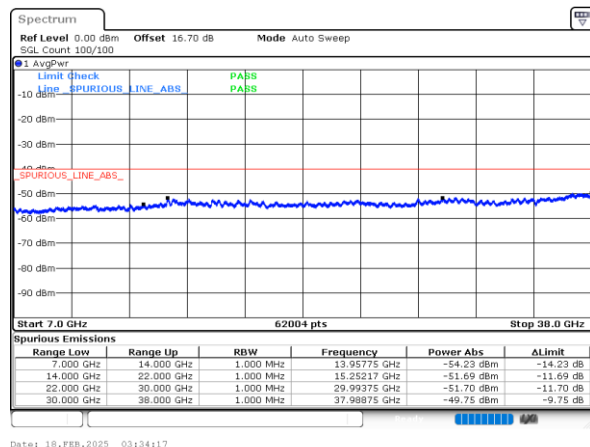
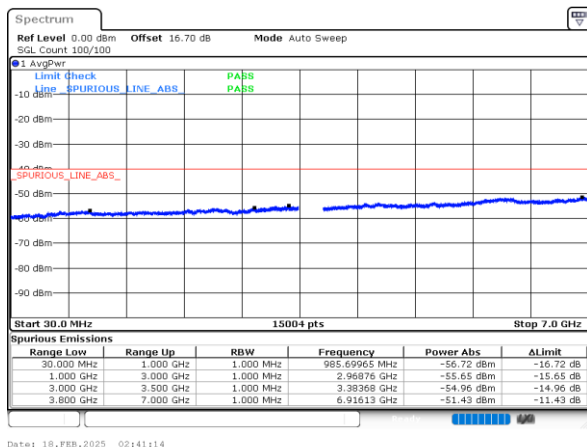
Lowest Channel / 1RB0 and 1RB99



MiddleChannel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

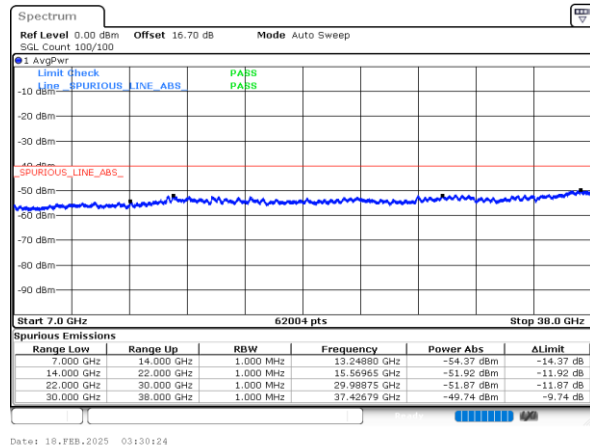
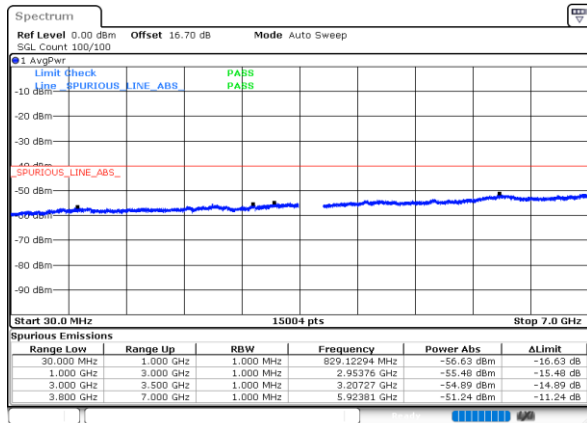




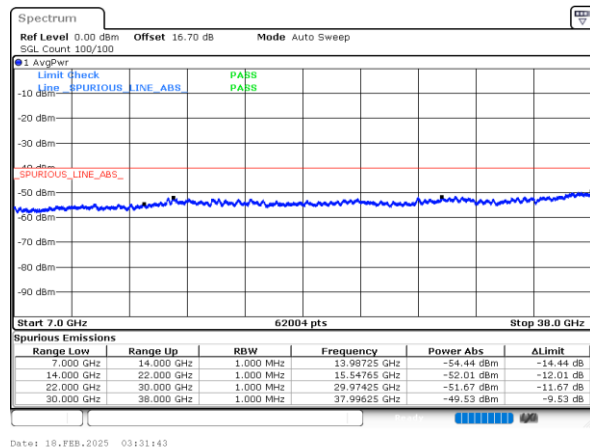
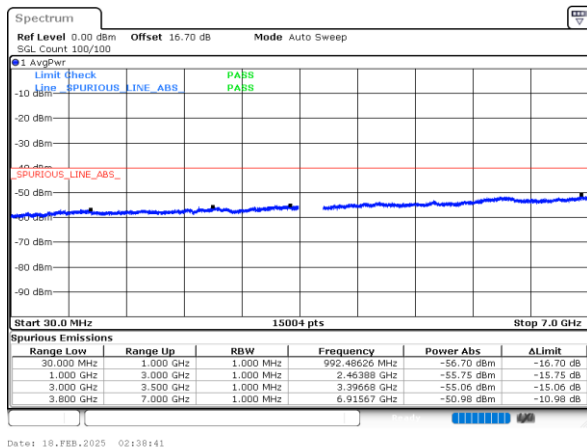
LTE Band 48C / 20MHz+20MHz

QPSK

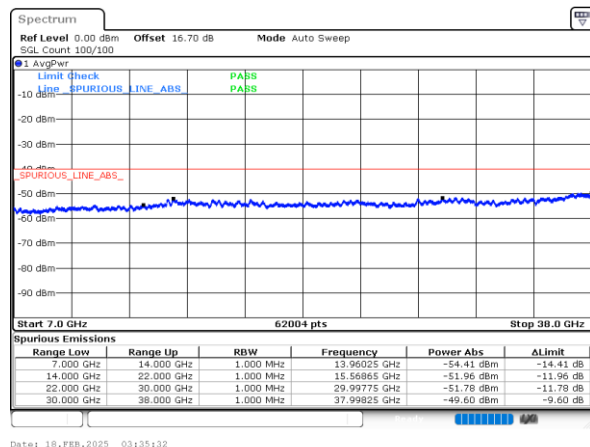
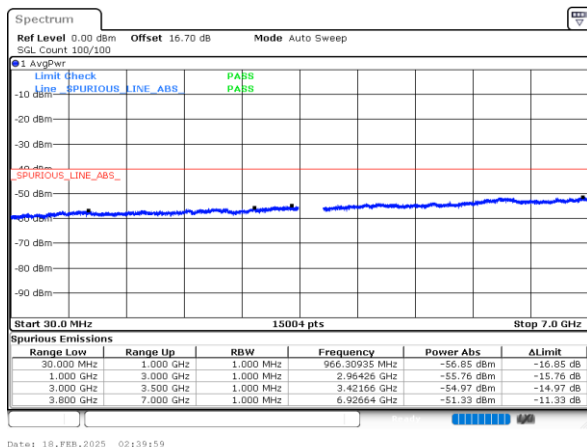
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0





LTE Band 48B

26dB Bandwidth

Mode	LTE Band 48B : 26dB BW(MHz)			
10MHz+10MHz				
BW	QPSK	16QAM	64QAM	256QAM
Middle CH	19.46	19.62	19.53	19.62



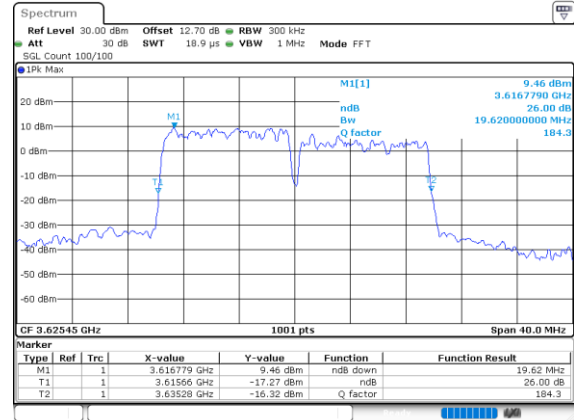
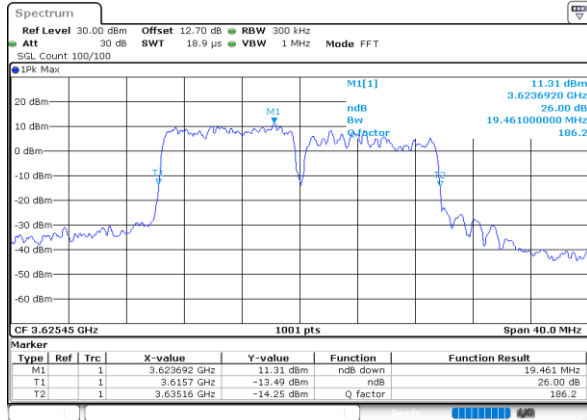
LTE Band 48B

QPSK

16QAM

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz

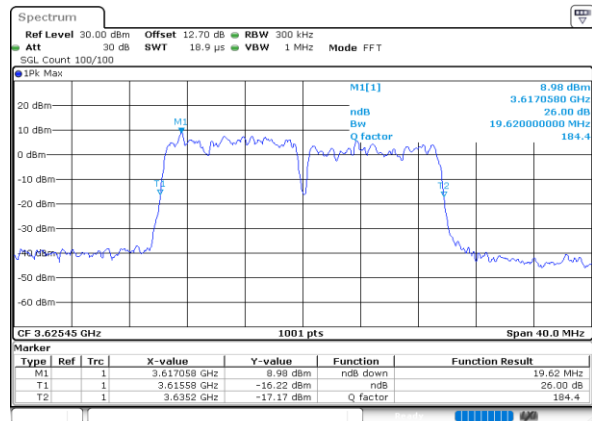
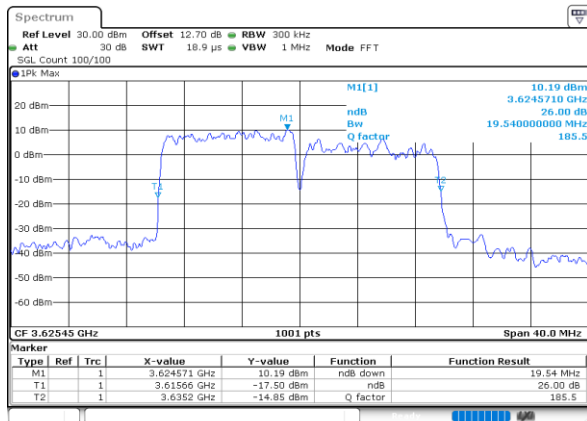


64QAM

256QAM

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz





Occupied Bandwidth

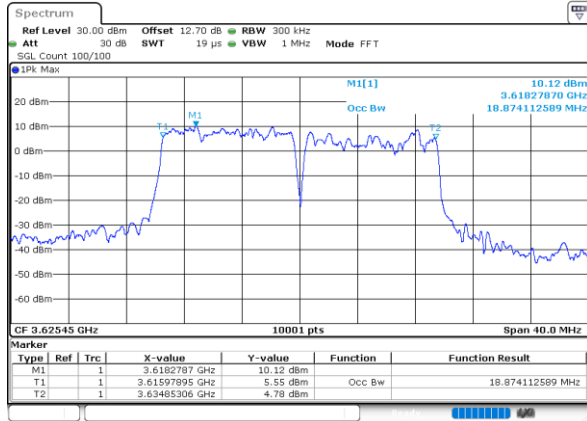
Mode	LTE Band 48B : 99%OBW(MHz)			
10MHz+10MHz				
BW	QPSK	16QAM	64QAM	256QAM
Middle CH	18.87	18.83	18.73	18.74



LTE Band 48B

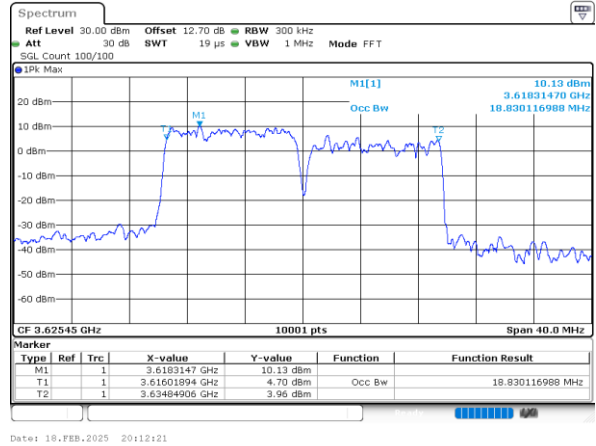
QPSK

Middle Channel / 10MHz+10MHz



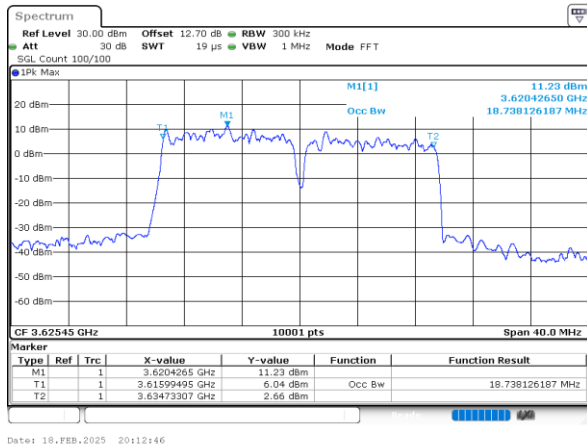
16QAM

Middle Channel / 10MHz+10MHz



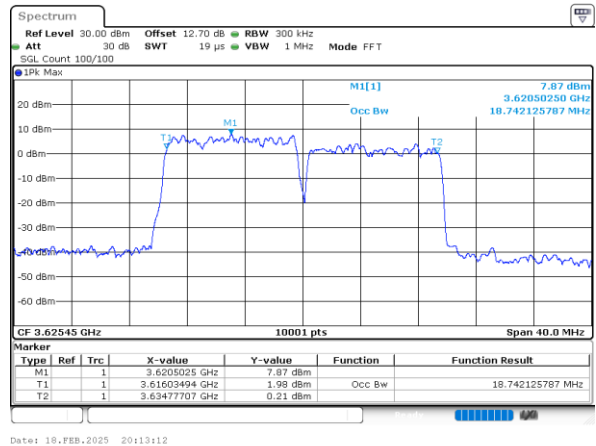
64QAM

Middle Channel / 10MHz+10MHz



256QAM

Middle Channel / 10MHz+10MHz





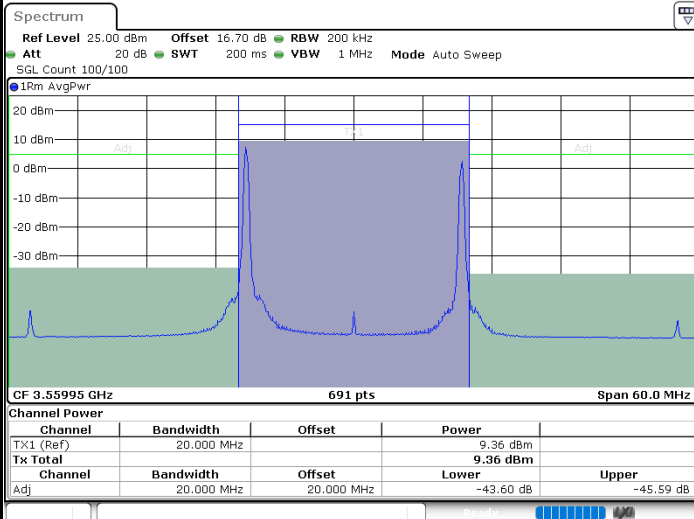
ACLR

LTE Band 48B / 10MHz+10MHz

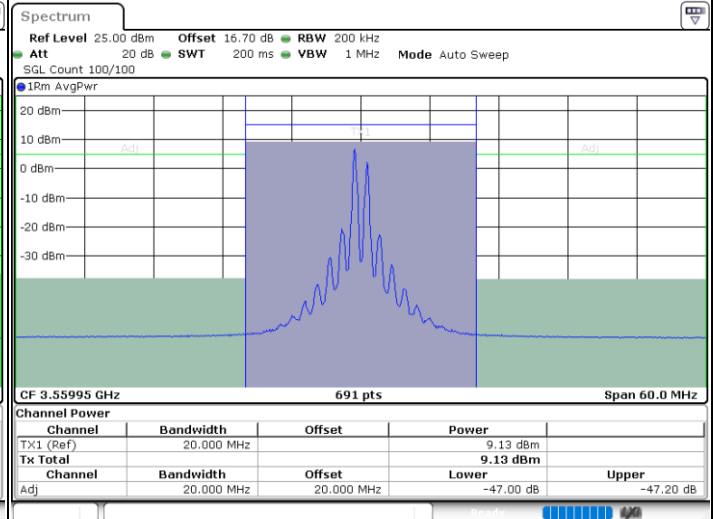
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



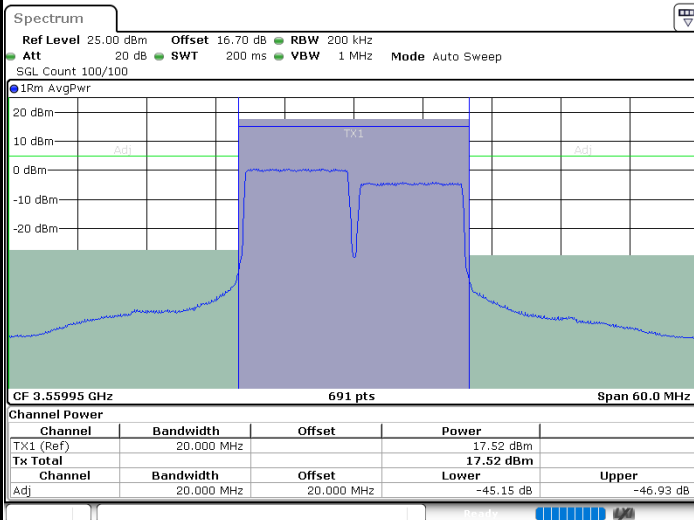
Date: 18.FEB.2025 19:45:43



Date: 18.FEB.2025 19:46:27

Lowest Channel / FullRB

N/A



Date: 18.FEB.2025 19:44:58

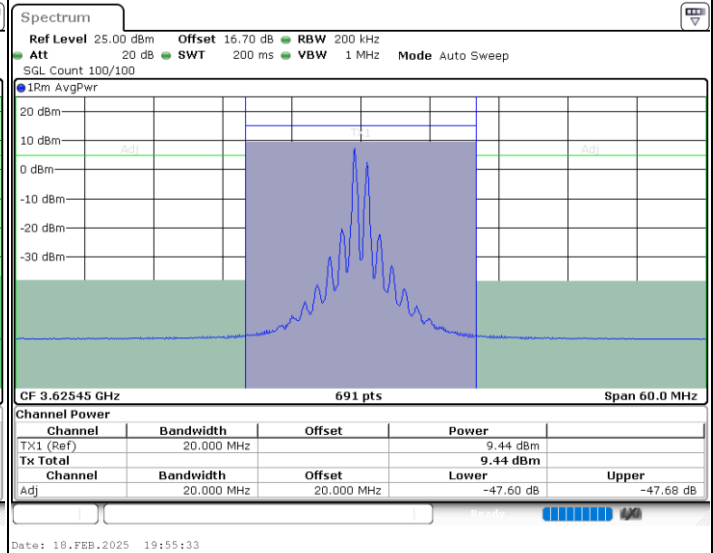
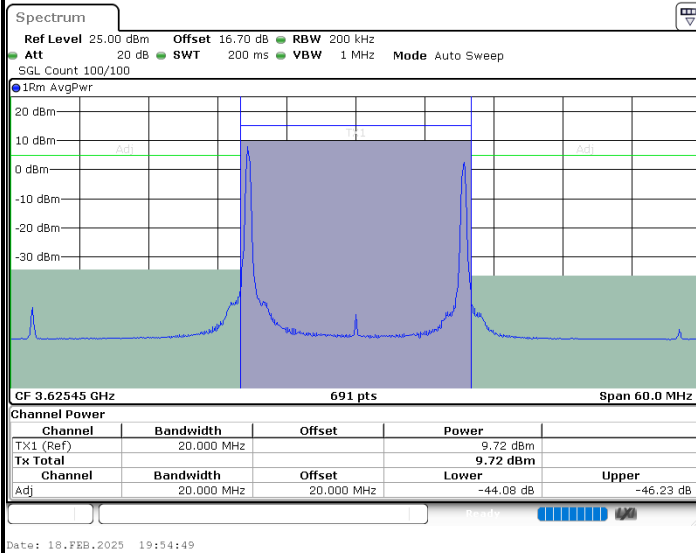


LTE Band 48B / 10MHz+10MHz

QPSK

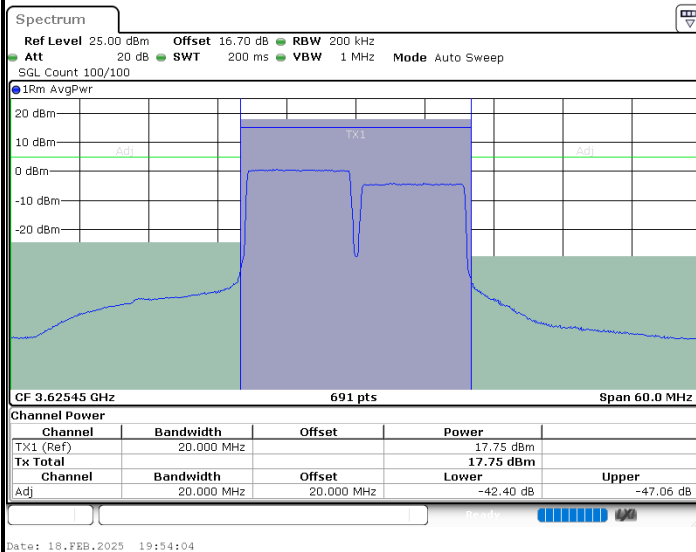
Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Middle Channel / FullRB

N/A



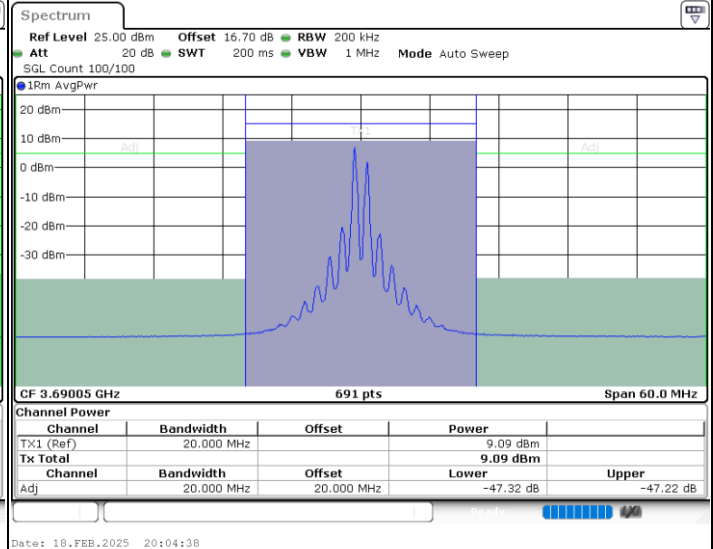
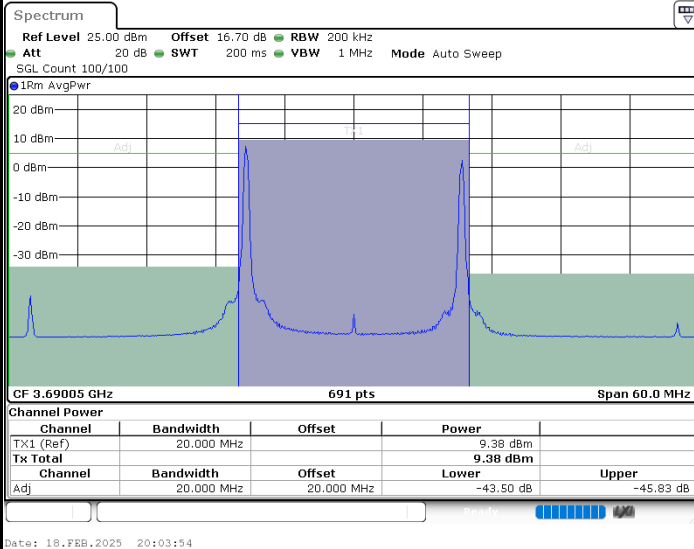


LTE Band 48B / 10MHz+10MHz

QPSK

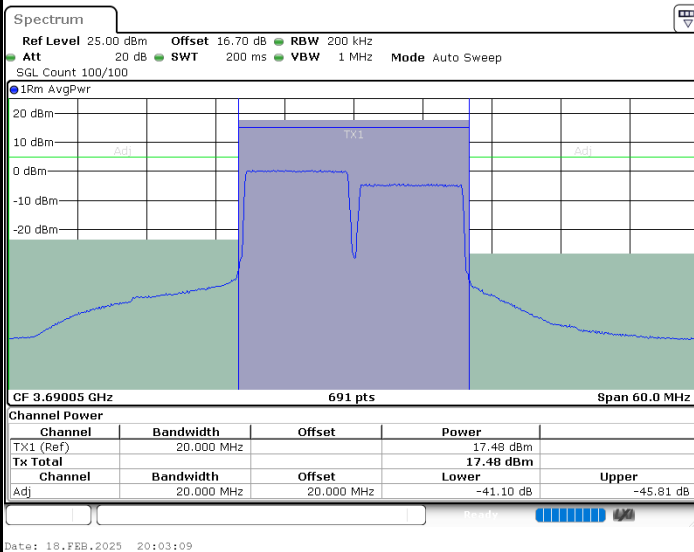
Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Highest Channel / FullRB

N/A



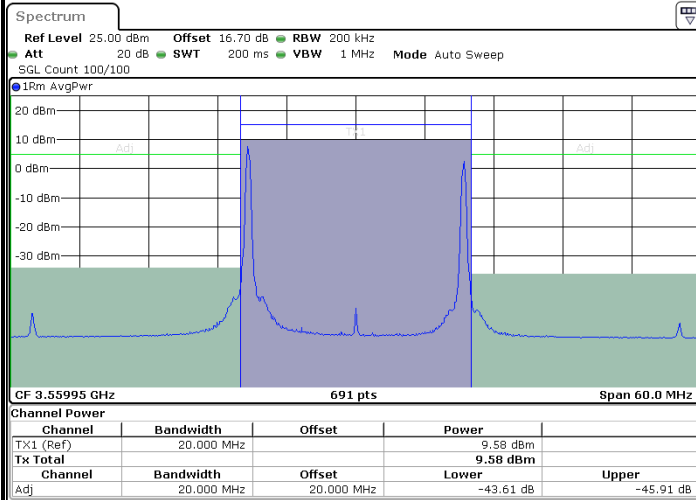


LTE Band 48B / 10MHz+10MHz

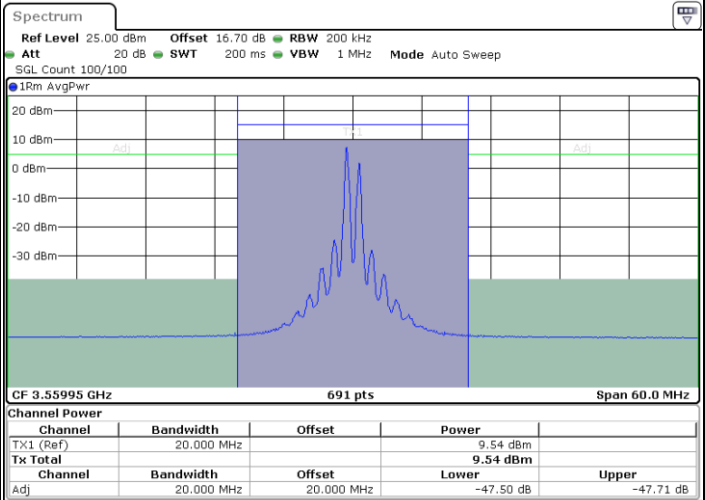
16QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



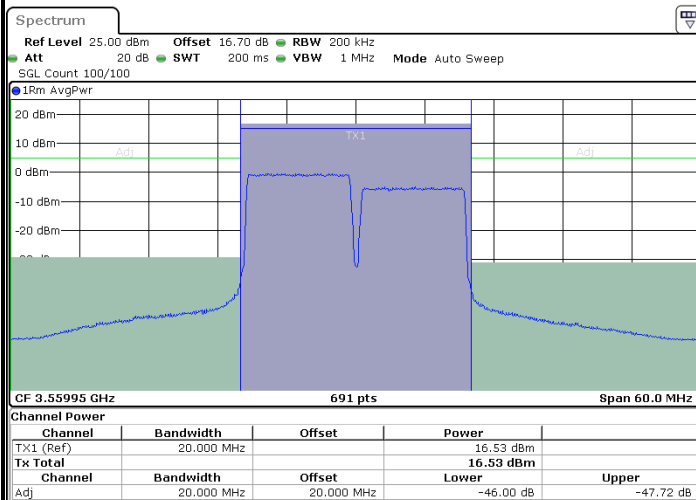
Date: 18.FEB.2025 19:47:59



Date: 18.FEB.2025 19:48:43

Lowest Channel / FullRB

N/A



Date: 18.FEB.2025 19:47:14

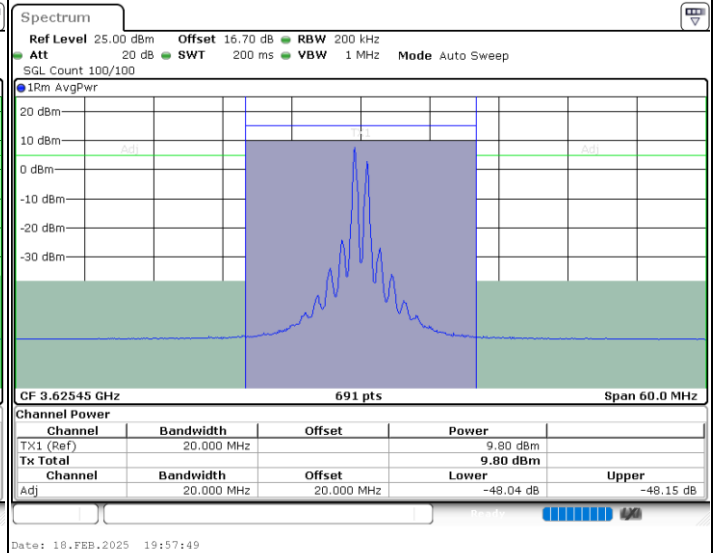
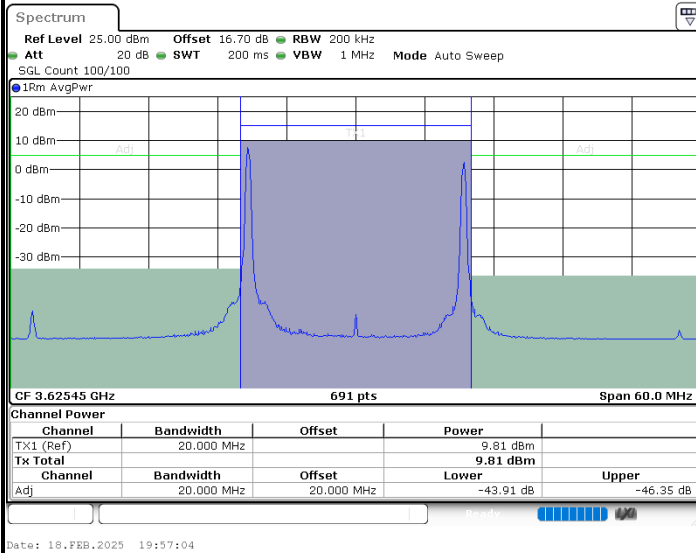


LTE Band 48B / 10MHz+10MHz

16QAM

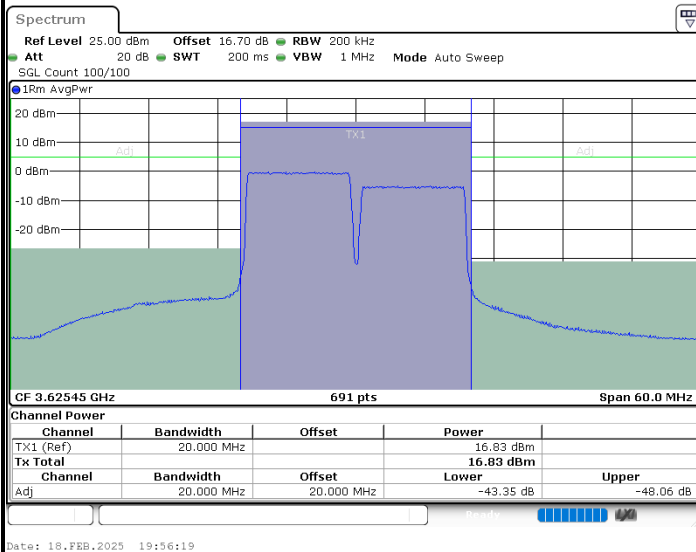
Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Middle Channel / FullRB

N/A



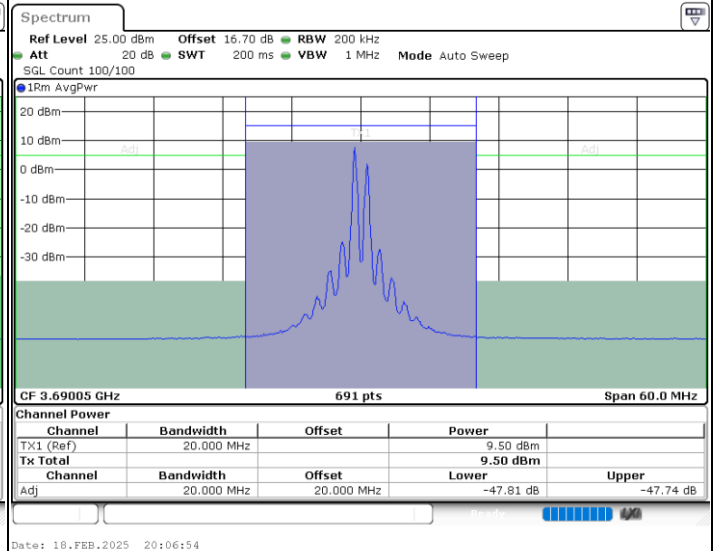
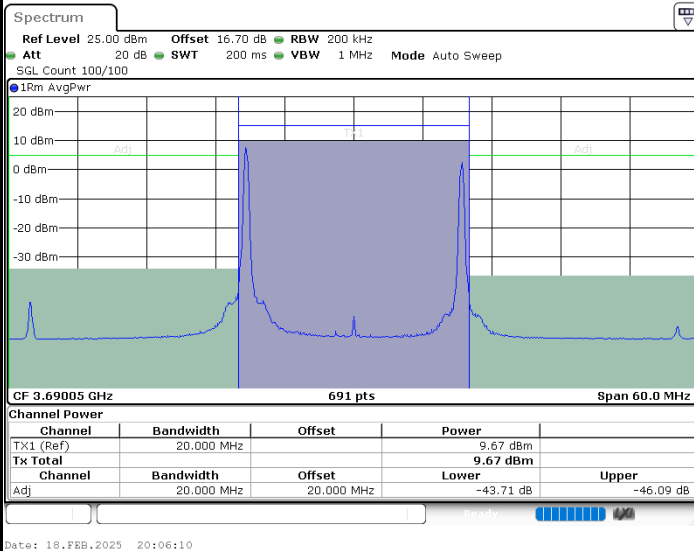


LTE Band 48B / 10MHz+10MHz

16QAM

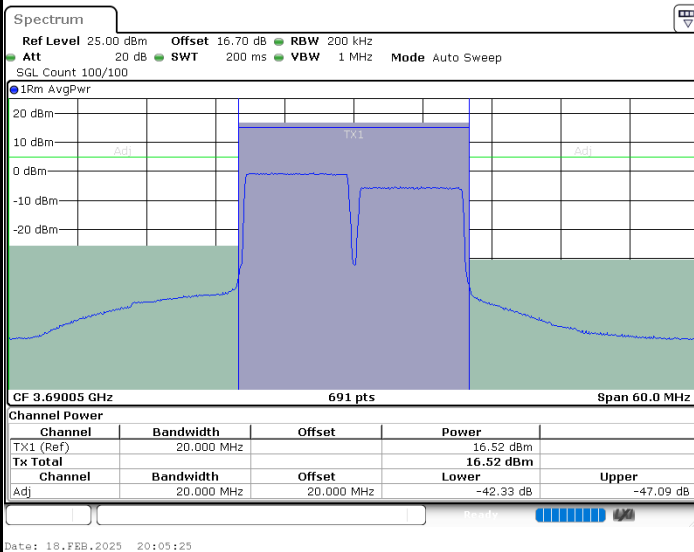
Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Highest Channel / FullRB

N/A



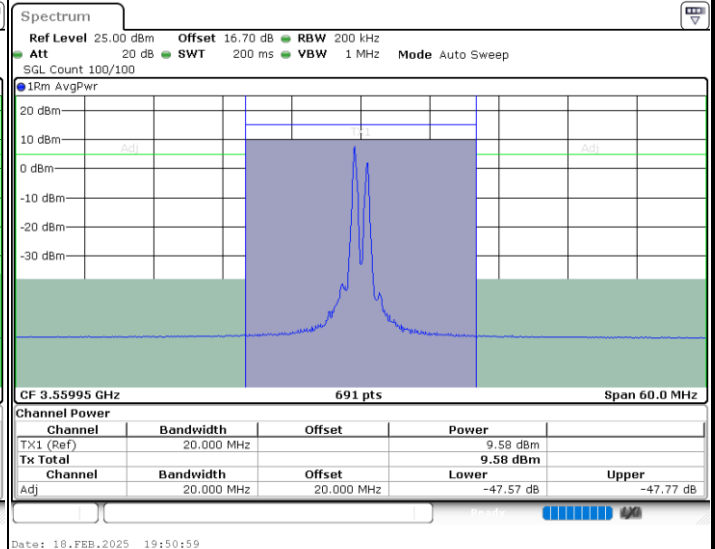
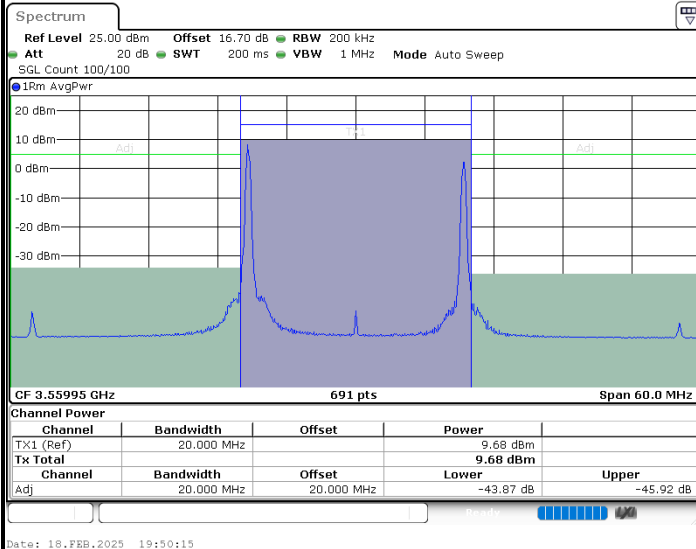


LTE Band 48B / 10MHz+10MHz

64QAM

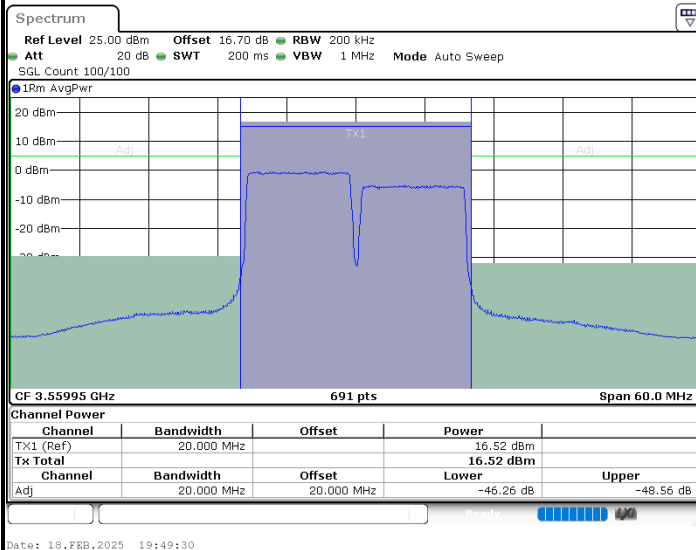
Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



Lowest Channel / FullRB

N/A



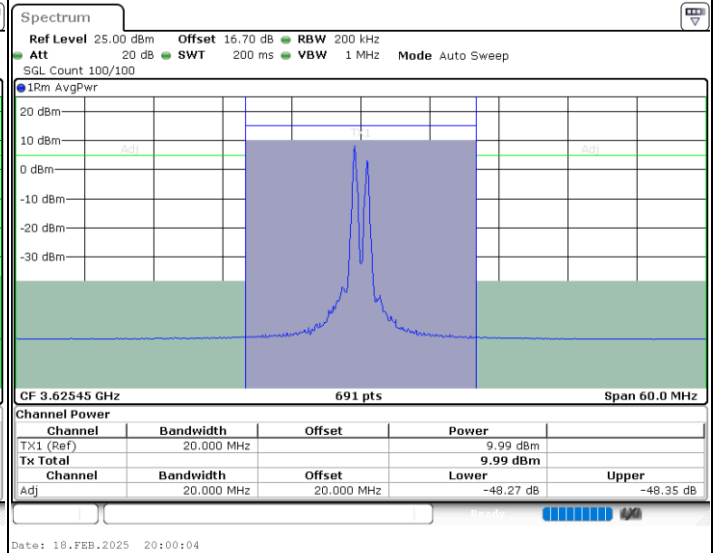
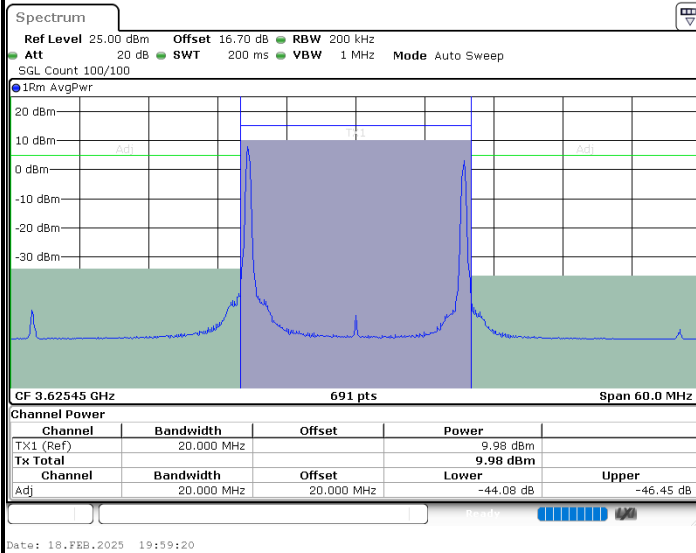


LTE Band 48B / 10MHz+10MHz

64QAM

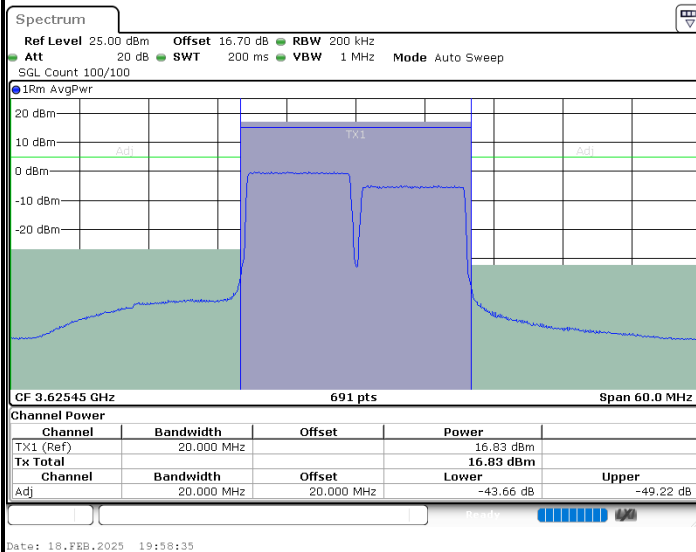
Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Middle Channel / FullRB

N/A



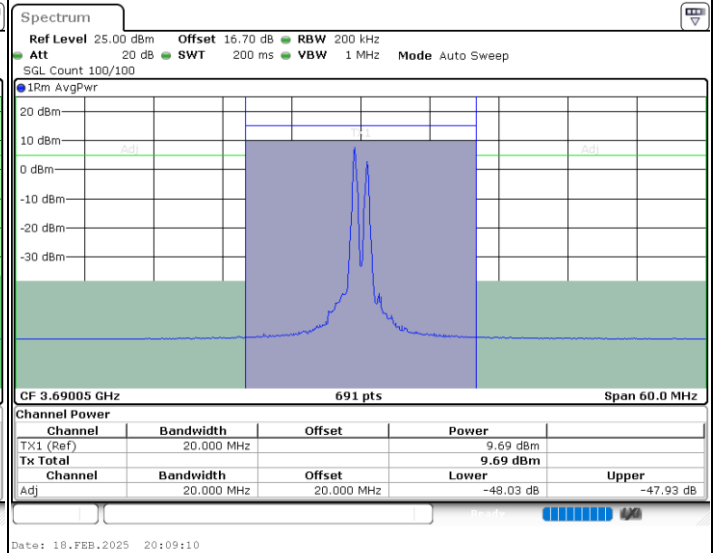
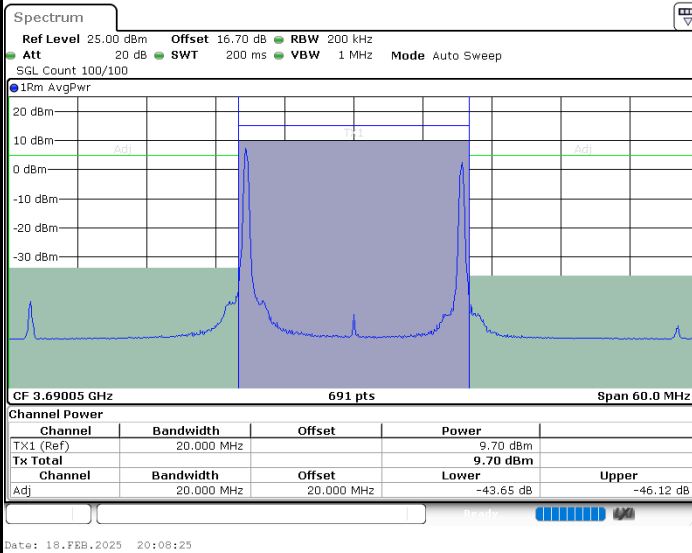


LTE Band 48B / 10MHz+10MHz

64QAM

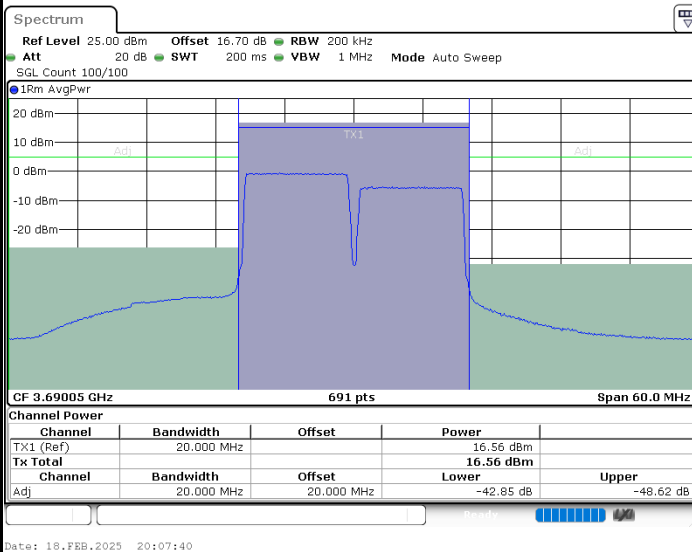
Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Highest Channel / FullRB

N/A



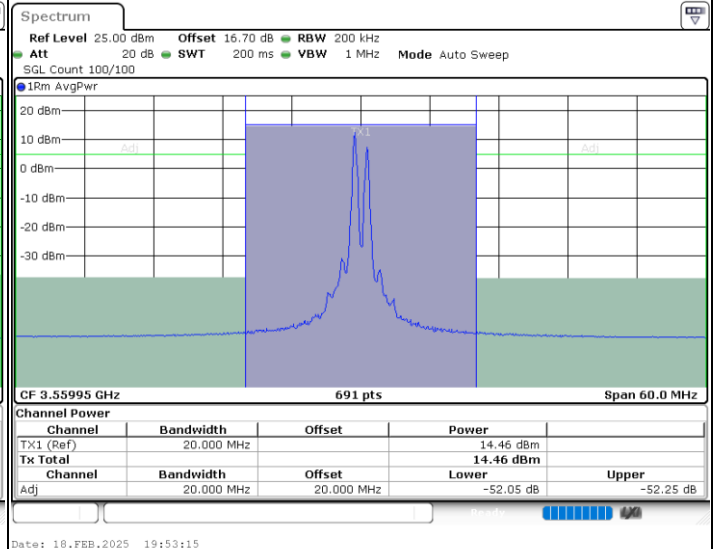
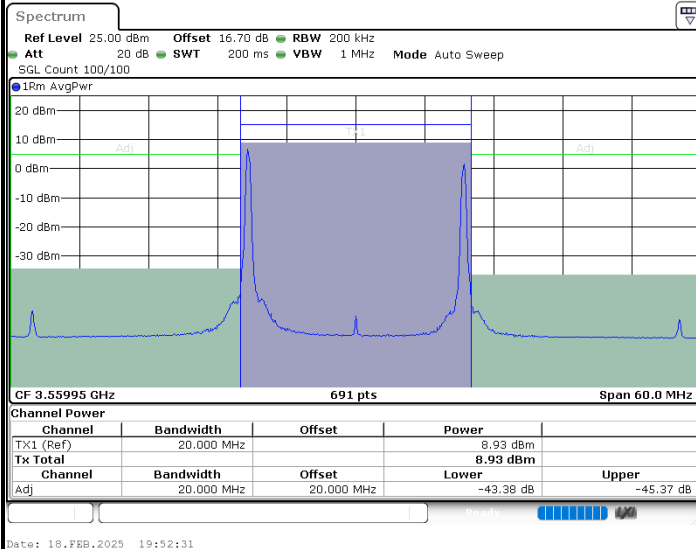


LTE Band 48B / 10MHz+10MHz

256QAM

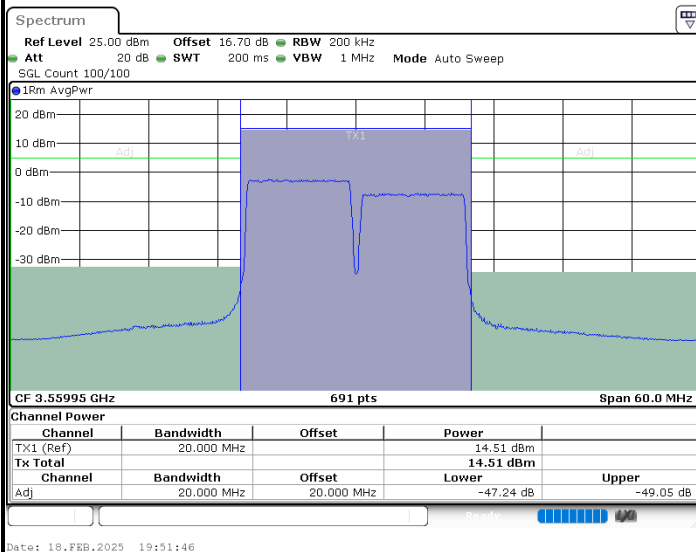
Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



Lowest Channel / FullRB

N/A



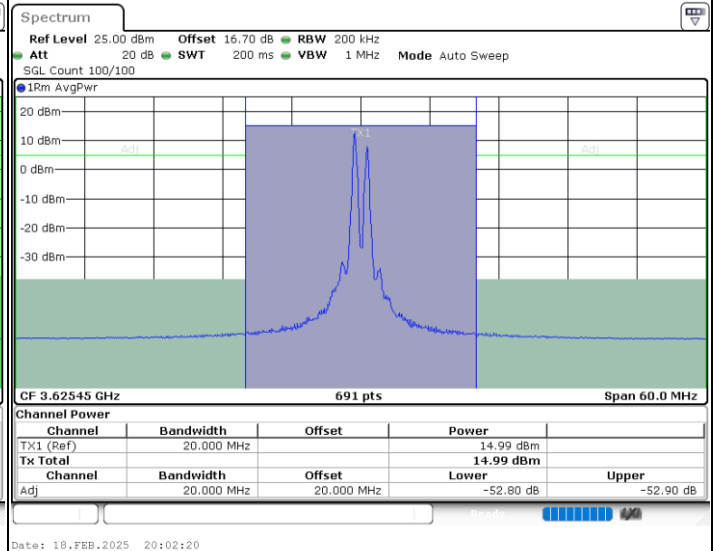
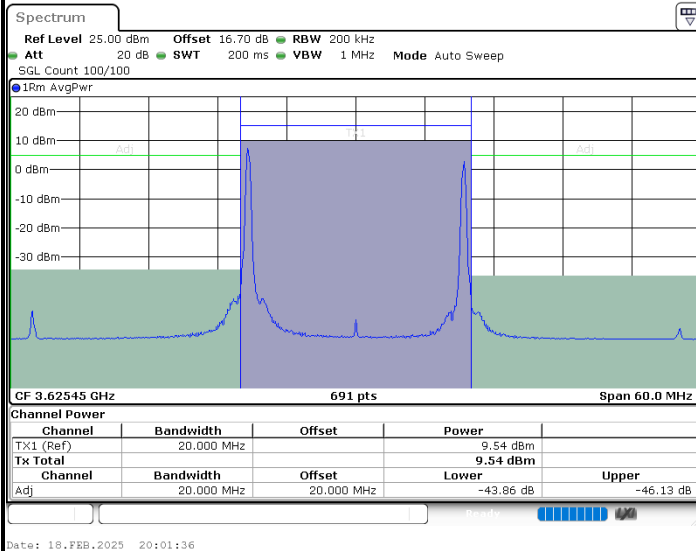


LTE Band 48B / 10MHz+10MHz

256QAM

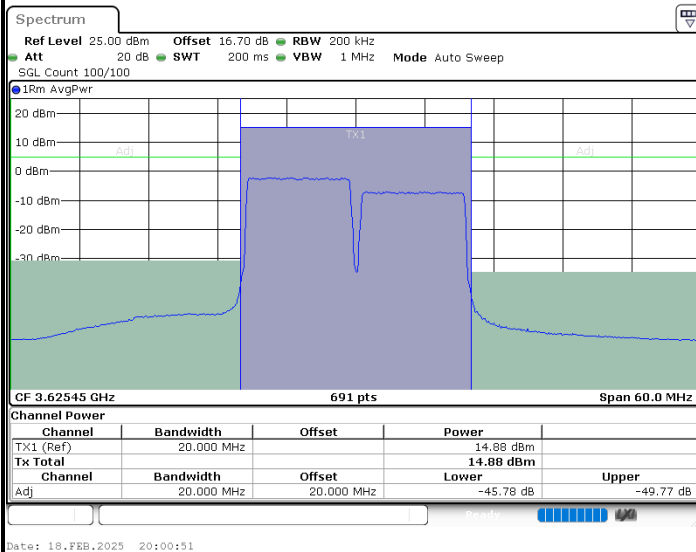
Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Middle Channel / FullRB

N/A



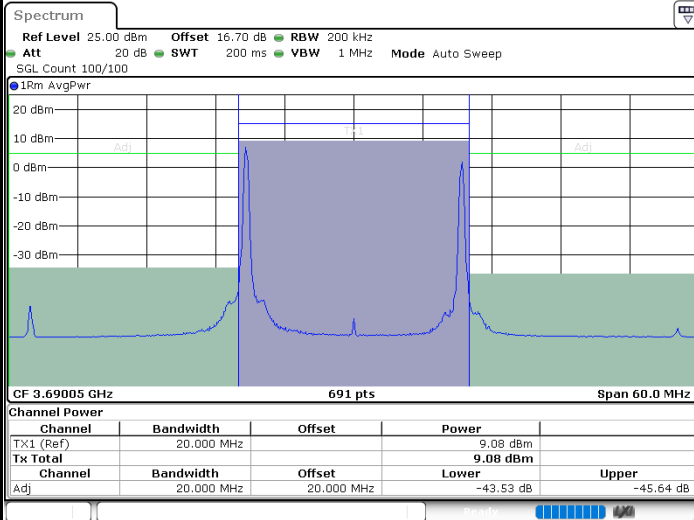


LTE Band 48B / 10MHz+10MHz

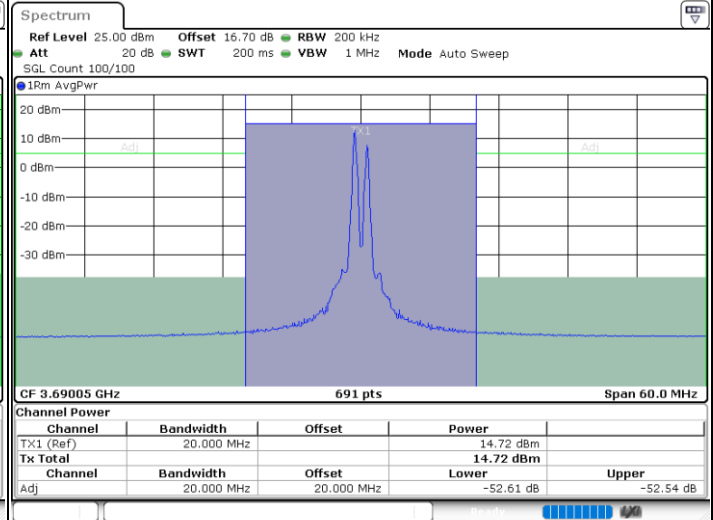
256QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



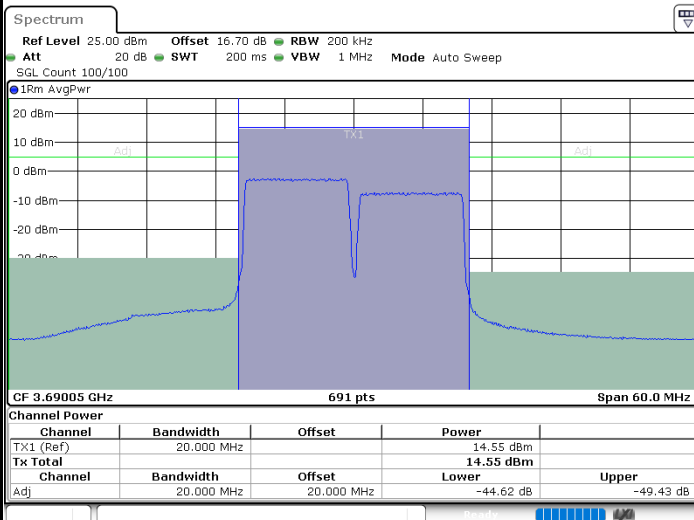
Date: 18.FEB.2025 20:10:41



Date: 18.FEB.2025 20:11:25

Highest Channel / FullIRB

N/A



Date: 18.FEB.2025 20:09:56



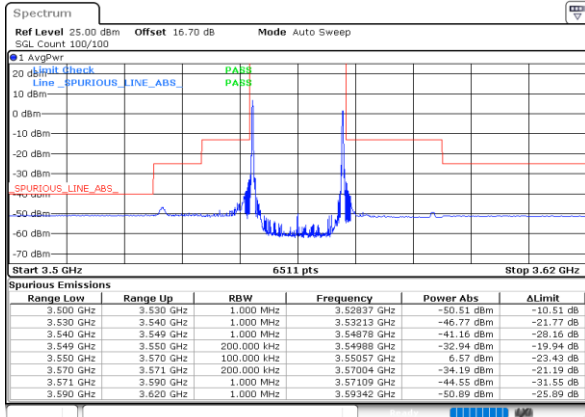
Conducted Band Edge



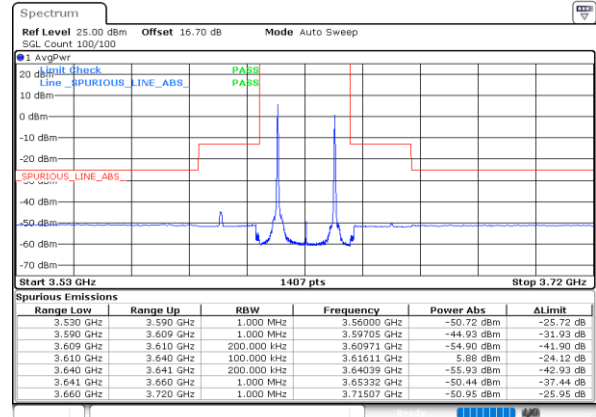
LTE Band 48B / 10MHz+10MHz

QPSK

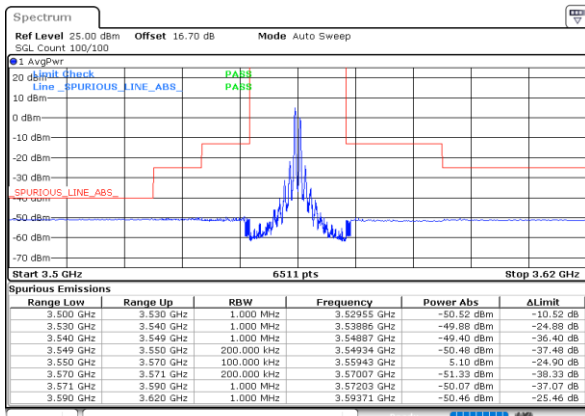
Lowest Band Edge / 1RB0 and 1RB49



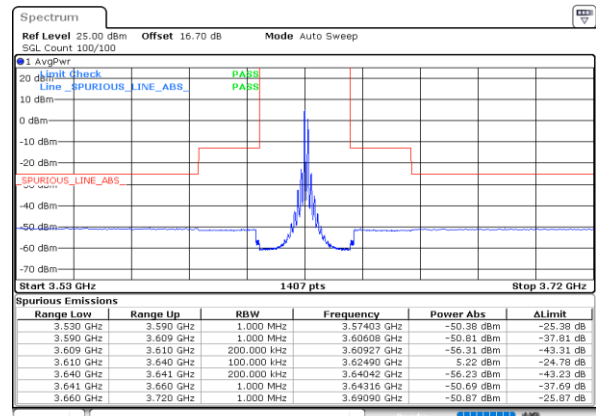
Middle Band Edge / 1RB0 and 1RB49



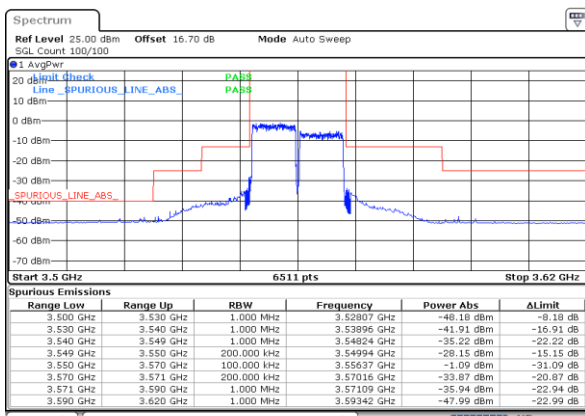
Lowest Band Edge / 1RB49 and 1RB0



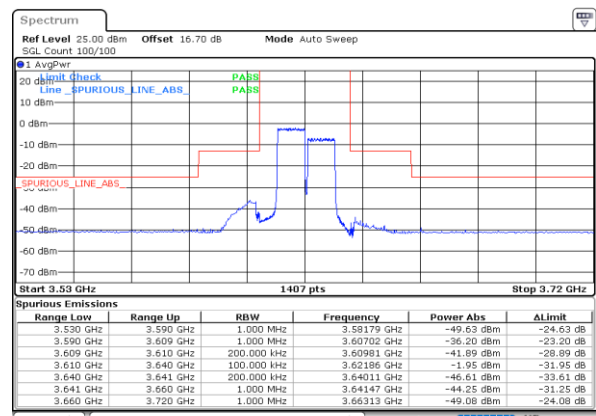
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



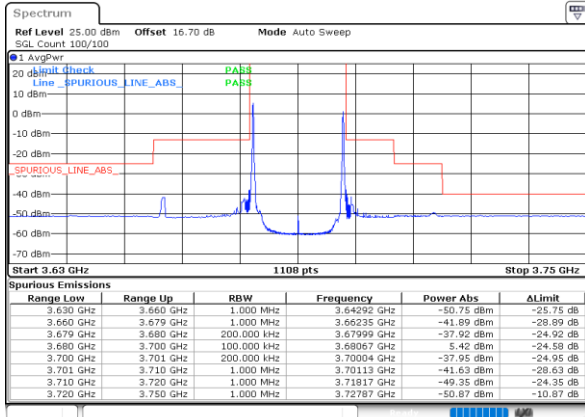


LTE Band 48B / 10MHz+10MHz

QPSK

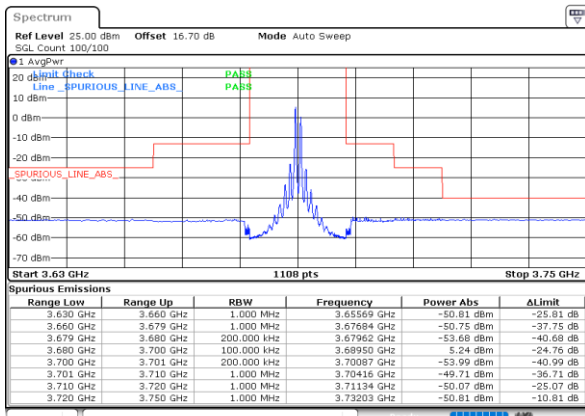
Highest Band Edge / 1RB0 and 1RB49

N/A



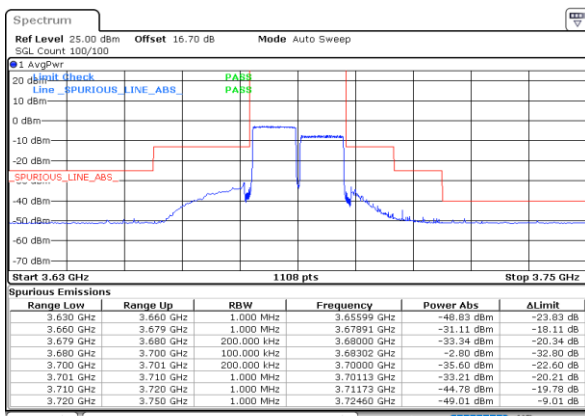
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

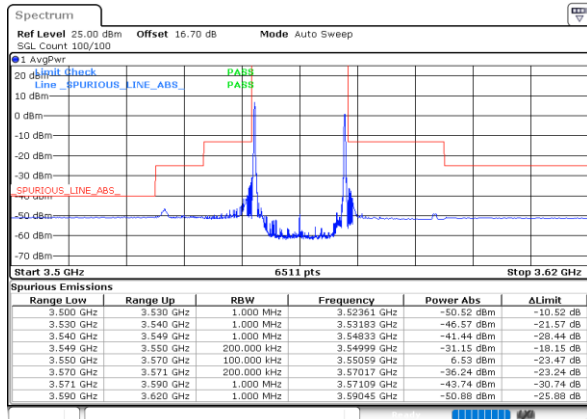




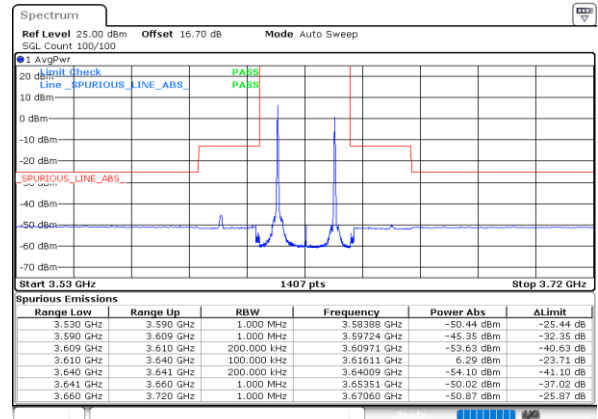
LTE Band 48B / 10MHz+10MHz

16QAM

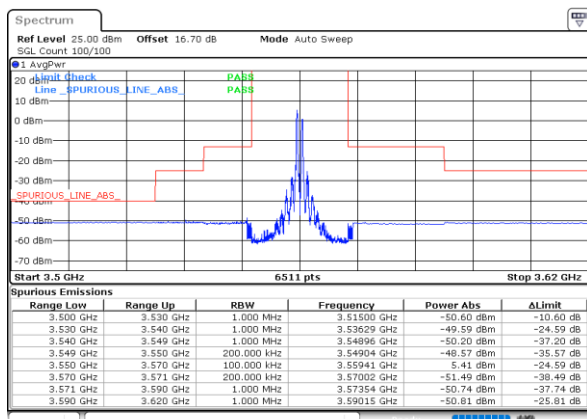
Lowest Band Edge / 1RB0 and 1RB49



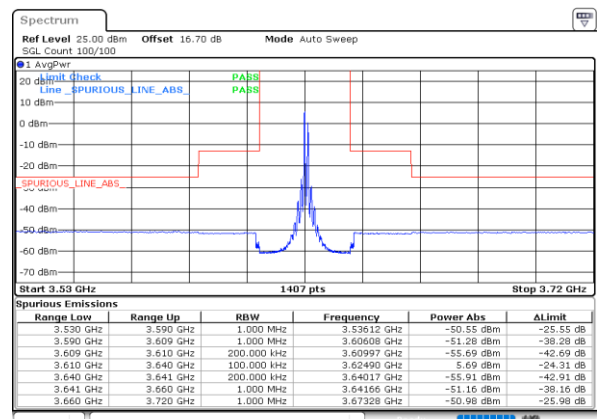
Middle Band Edge / 1RB0 and 1RB49



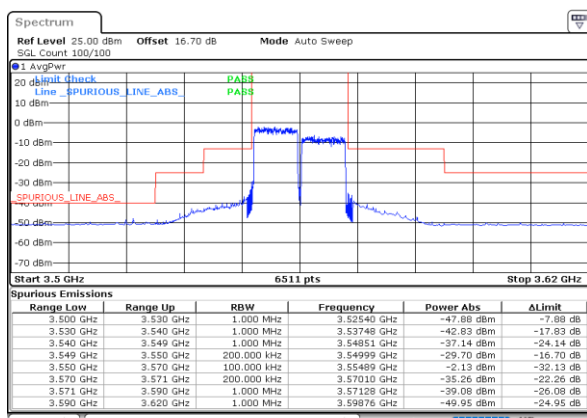
Lowest Band Edge / 1RB49 and 1RB0



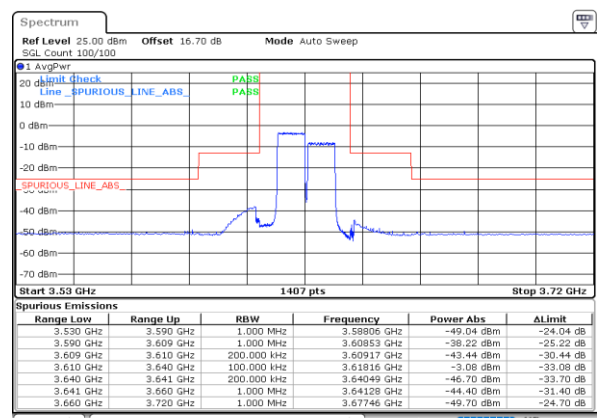
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



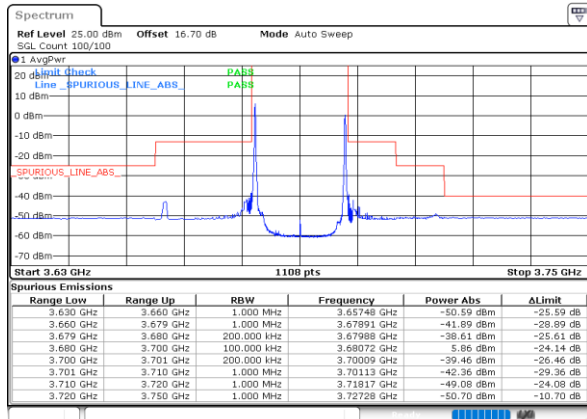


LTE Band 48B / 10MHz+10MHz

16QAM

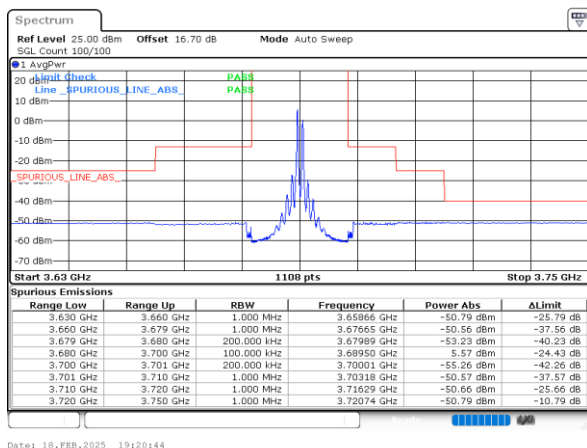
Highest Band Edge / 1RB0 and 1RB49

N/A



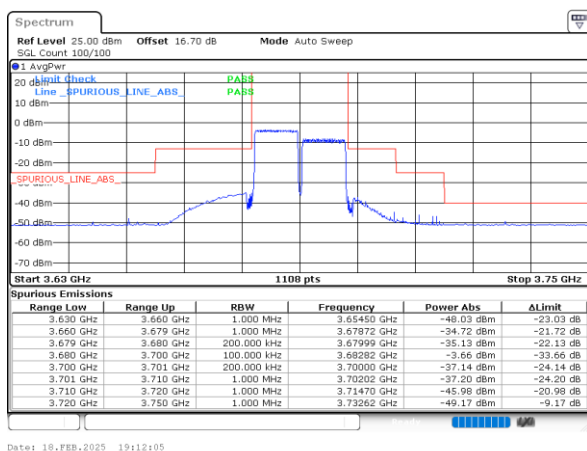
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

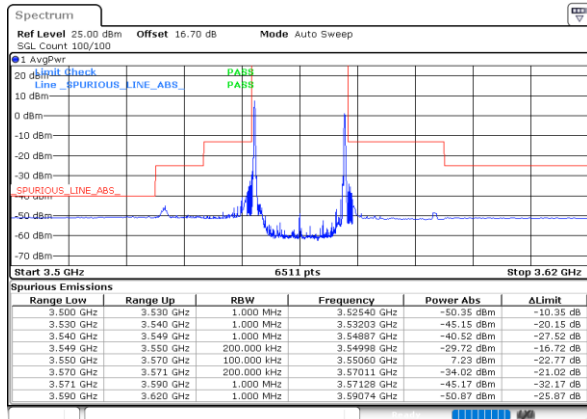




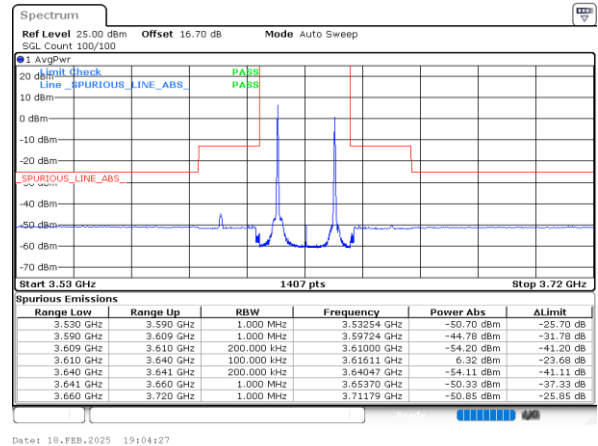
LTE Band 48B / 10MHz+10MHz

64QAM

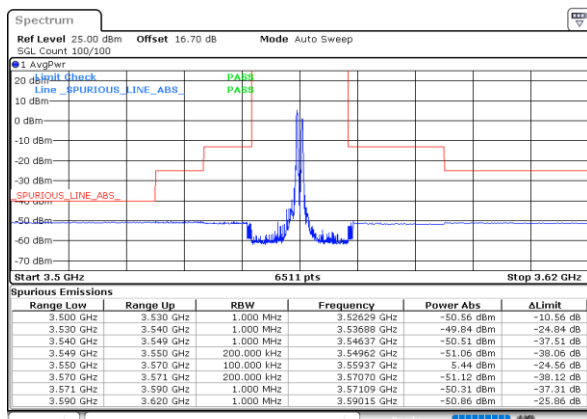
Lowest Band Edge / 1RB0 and 1RB49



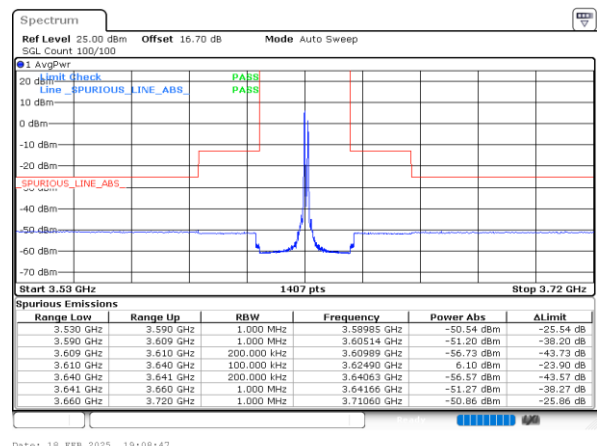
Middle Band Edge / 1RB0 and 1RB49



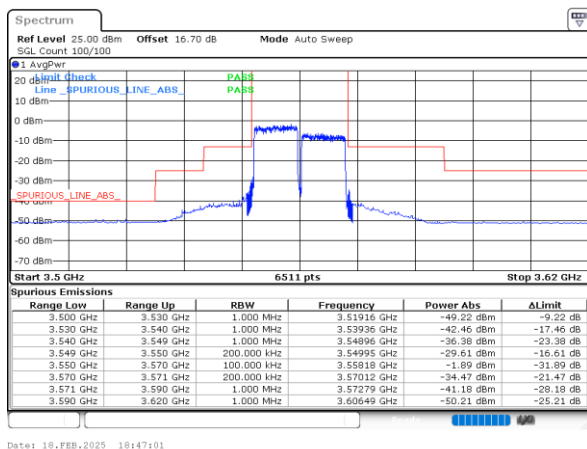
Lowest Band Edge / 1RB49 and 1RB0



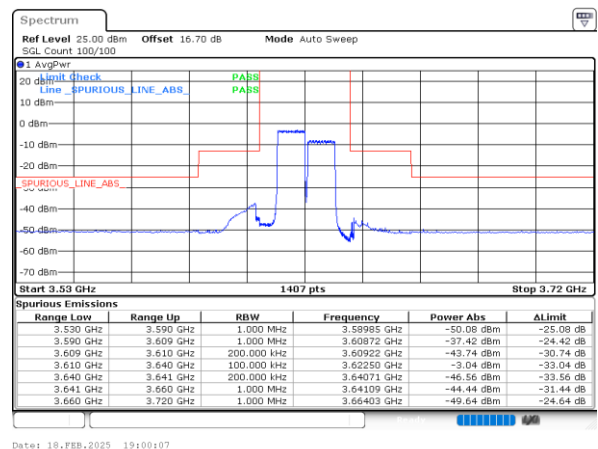
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



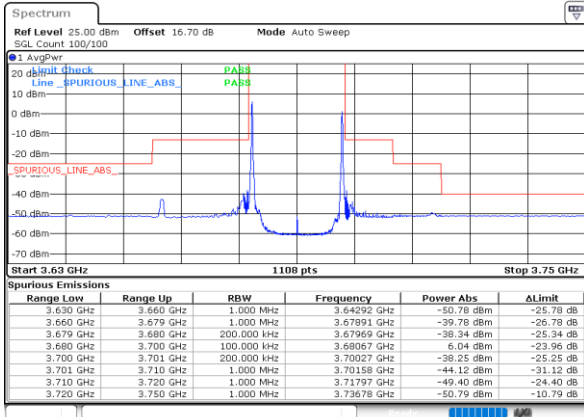


LTE Band 48B / 10MHz+10MHz

64QAM

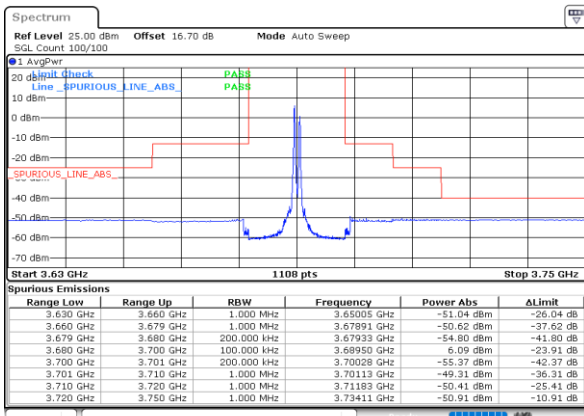
Highest Band Edge / 1RB0 and 1RB49

N/A



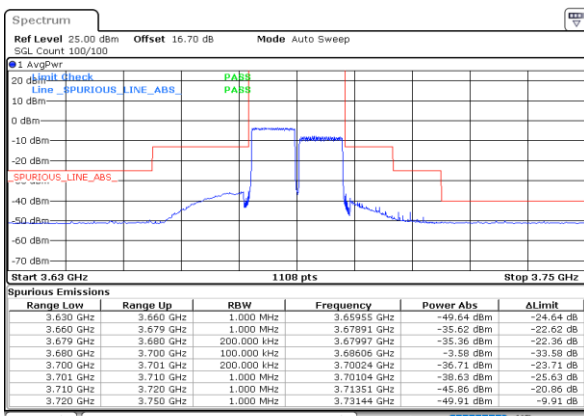
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

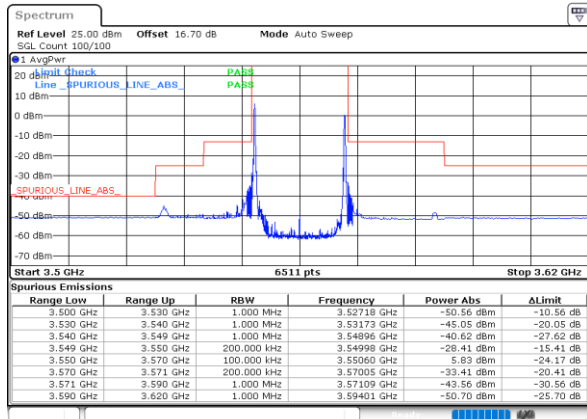




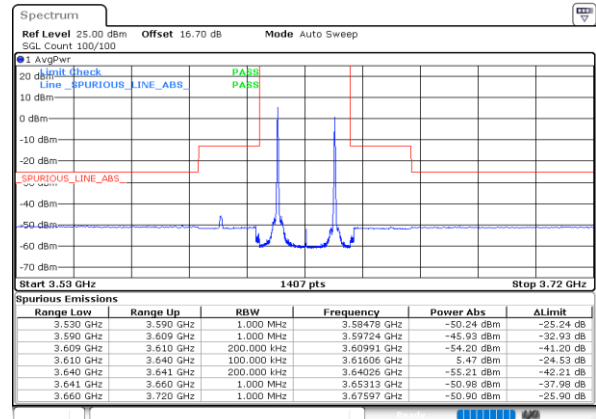
LTE Band 48B / 10MHz+10MHz

256QAM

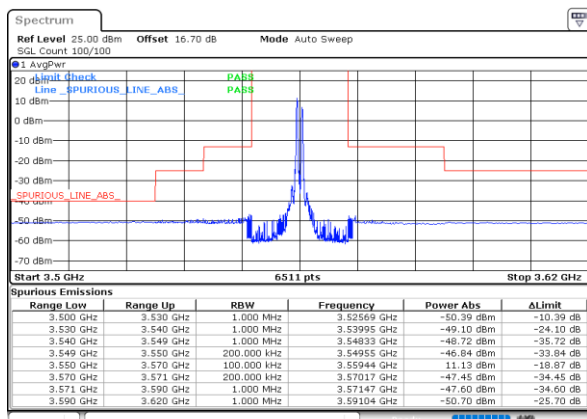
Lowest Band Edge / 1RB0 and 1RB49



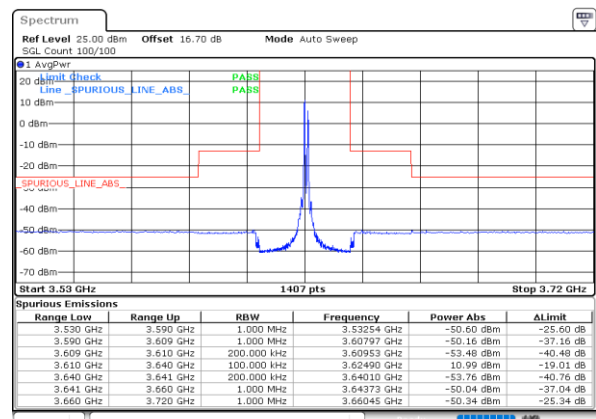
Middle Band Edge / 1RB0 and 1RB49



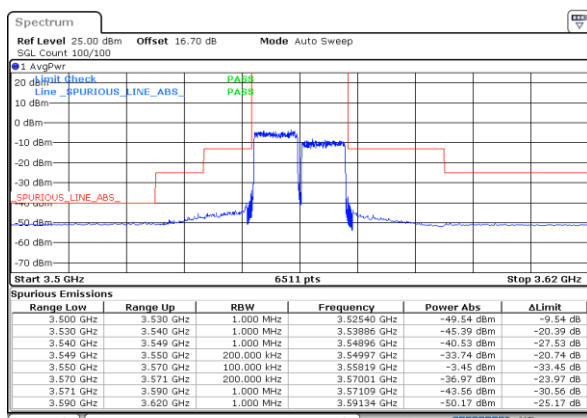
Lowest Band Edge / 1RB49 and 1RB0



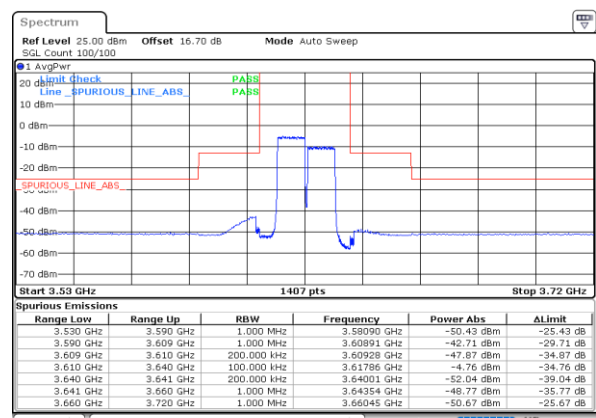
Middle Band Edge / 1RB49 and 1RB0

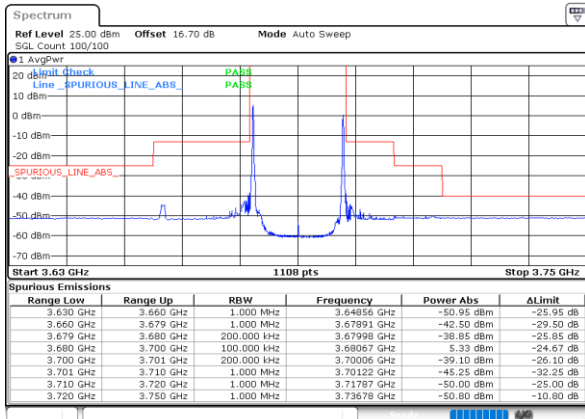
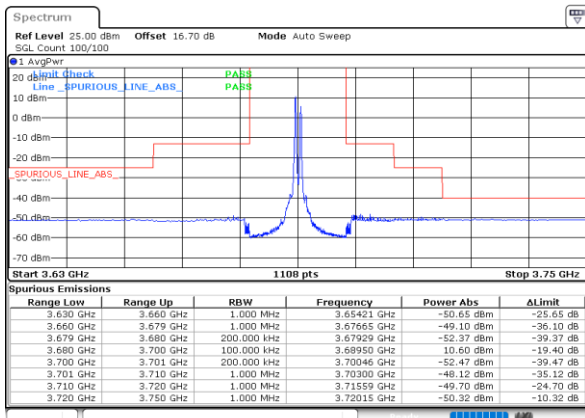
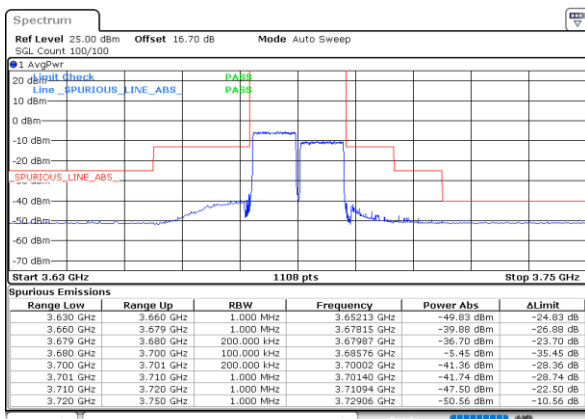


Lowest Band Edge / Full RB



Middle Band Edge / Full RB



**LTE Band 48B / 10MHz+10MHz****256QAM****Highest Band Edge / 1RB0 and 1RB49****N/A****Highest Band Edge / 1RB49 and 1RB0****N/A****Highest Band Edge / Full RB****N/A**



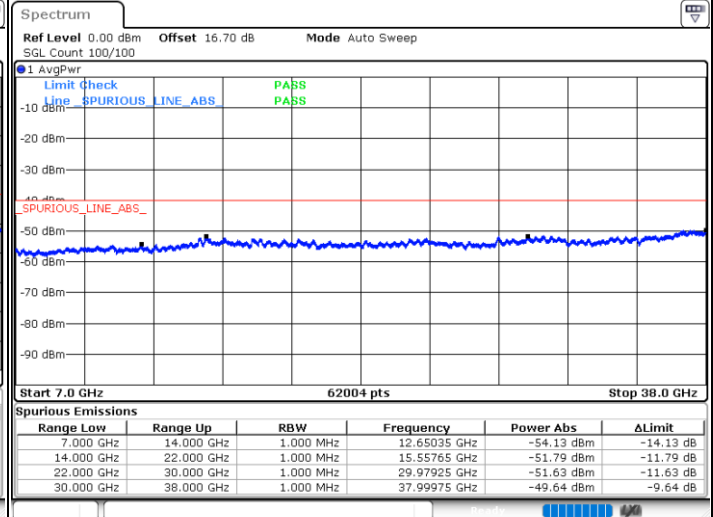
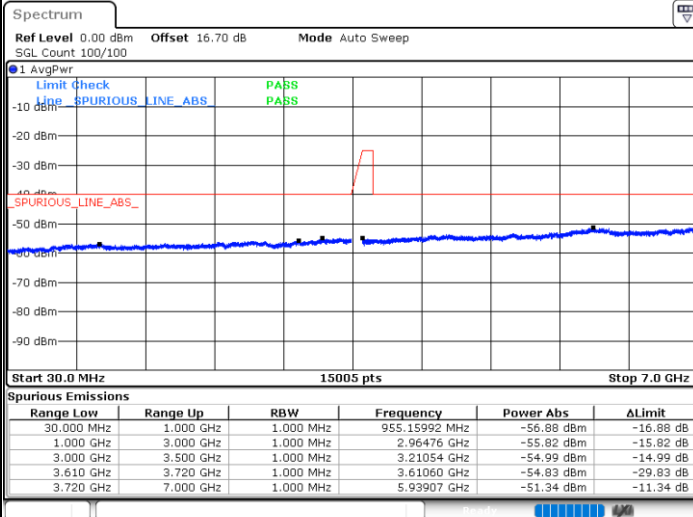
Conducted Spurious Emission

LTE Band 48B / 10MHz+10MHz

QPSK

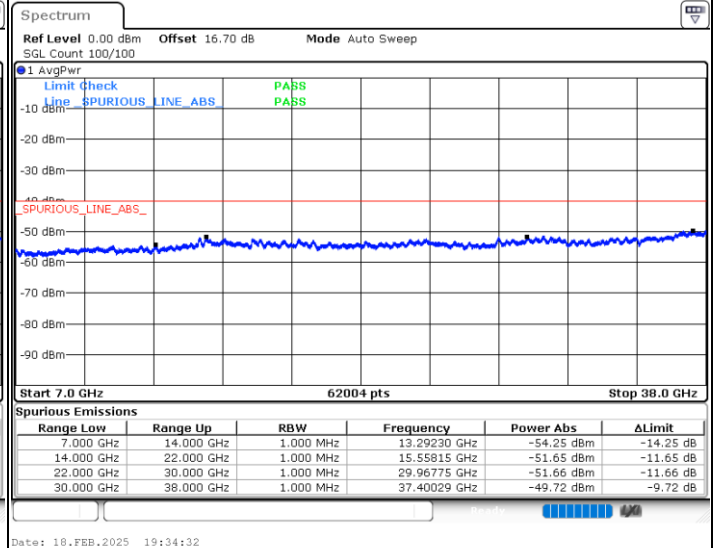
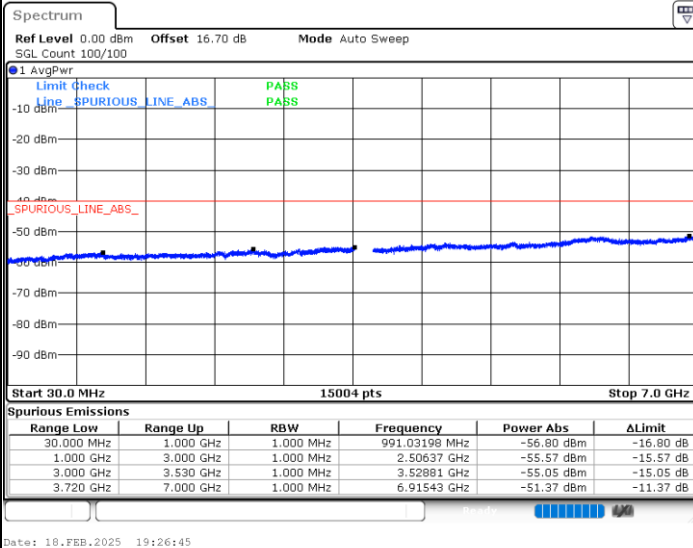
Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



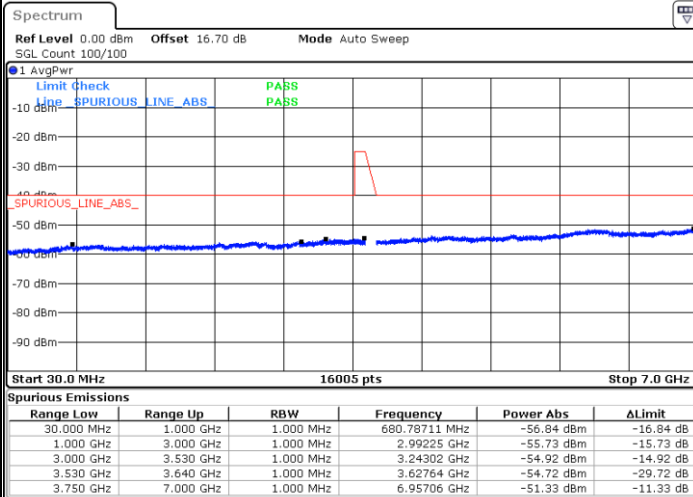


LTE Band 48B / 10MHz+10MHz

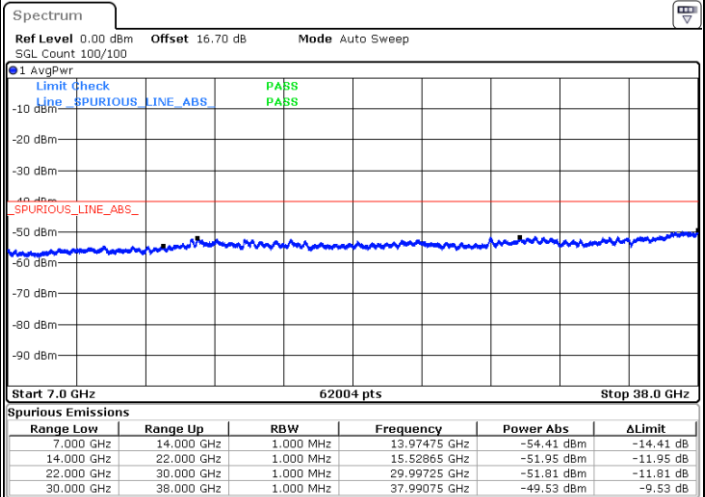
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



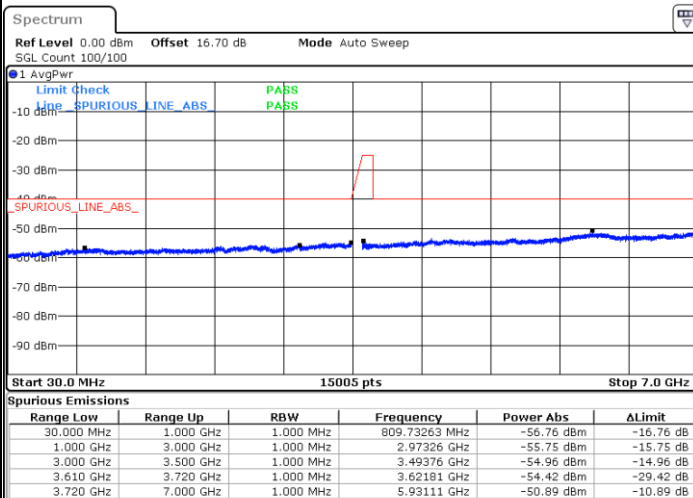
Date: 18.FEB.2025 19:30:39



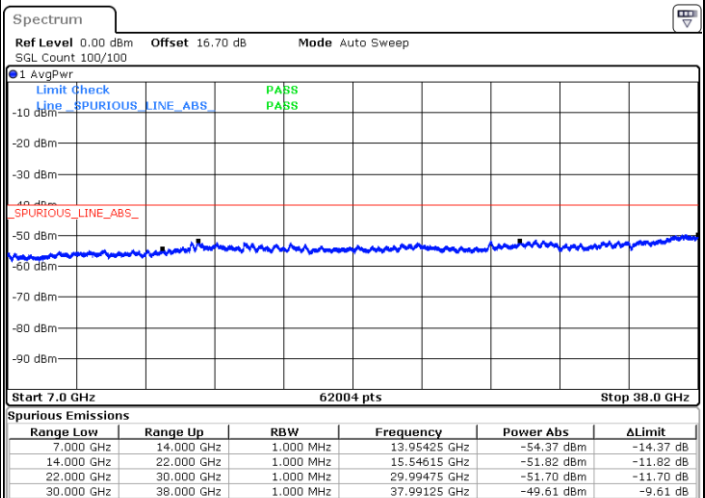
Date: 18.FEB.2025 19:38:21

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



Date: 18.FEB.2025 19:24:12



Date: 18.FEB.2025 19:31:58

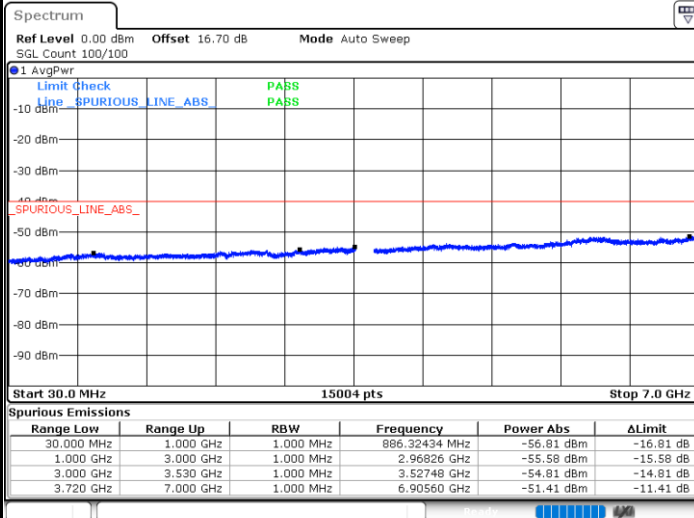


LTE Band 48B / 10MHz+10MHz

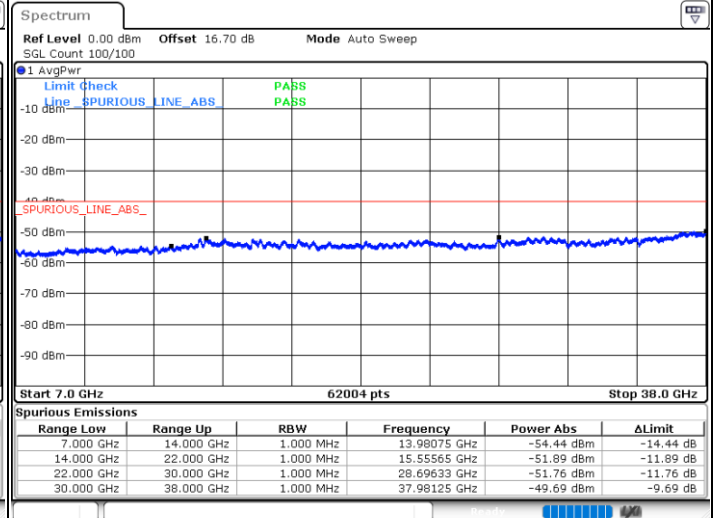
QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



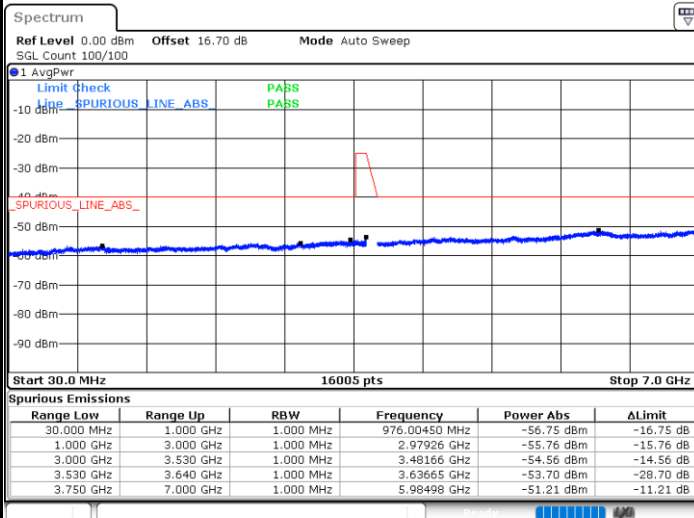
Date: 18.FEB.2025 19:28:00



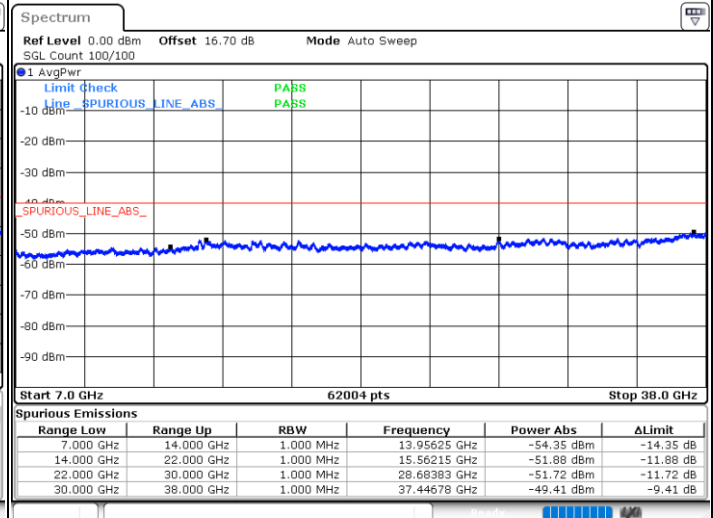
Date: 18.FEB.2025 19:35:47

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Date: 18.FEB.2025 19:29:24



Date: 18.FEB.2025 19:37:06



Appendix B. Test Results of Radiated Test

B1. 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
1	Part 96	LTE B48	M	7232	-50.41	RMS	36.90	-23.18	1.23	-95.23	29.87	-40.00	-10.41	V	2
2	Part 96	LTE CA B48B	L	14256	-50.24	RMS	40.00	-22.40	0.49	-95.23	26.90	-40.00	-10.24	H	2
3	Part 96	LTE CA B48C	L	14276	-50.41	RMS	40.00	-22.41	0.49	-95.23	26.74	-40.00	-10.41	V	2
4	Part 96	LTE CA B43C	L	14466	-50.49	RMS	40.00	-22.46	0.49	-95.23	26.71	-40.00	-10.49	V	2

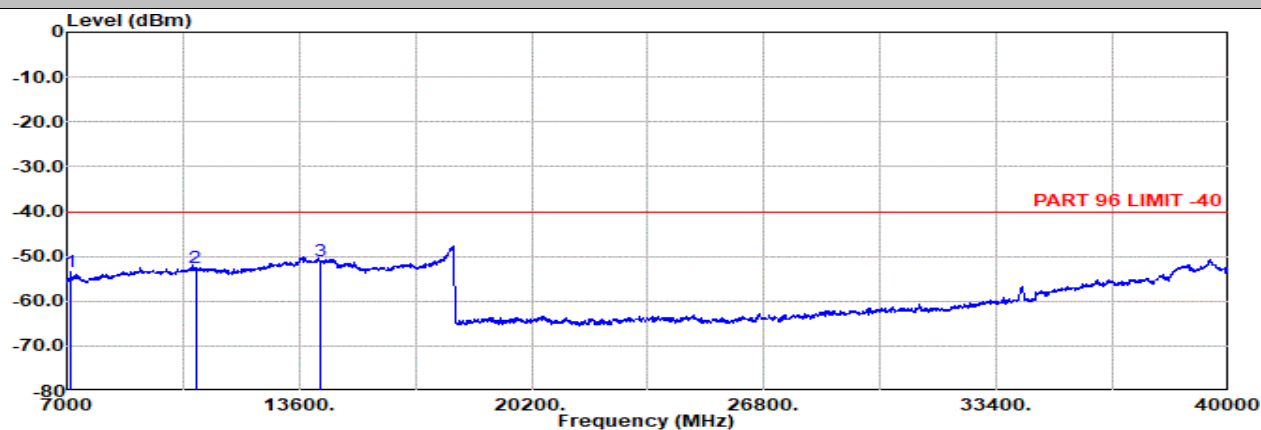


Ant. 2

Part 96 Mode 1

LTE B48 20M Ch55340 1RB0 QPSK

L

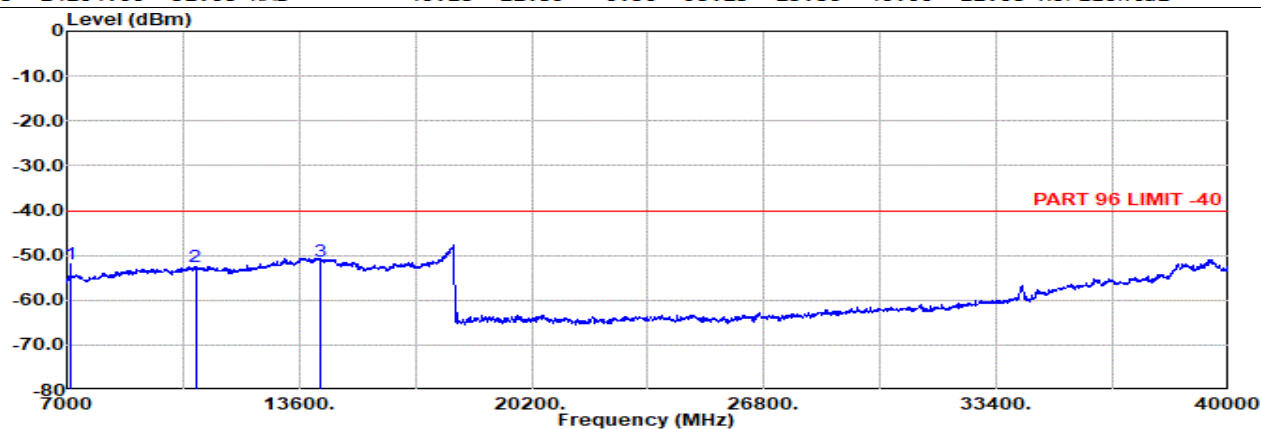


Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Horizontal

: LTE Band 48 20M Ch55340 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	7102.00	-53.55	RMS	36.31	-23.21	1.34	-95.23	27.24	-40.00	-13.55 Horizontal
2	10653.00	-52.64	RMS	39.01	-22.92	0.50	-95.23	26.00	-40.00	-12.64 Horizontal
3	14204.00	-51.08	RMS	40.18	-22.39	0.50	-95.23	25.86	-40.00	-11.08 Horizontal



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Vertical

: LTE Band 48 20M Ch55340 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	7102.00	-51.95	RMS	36.31	-23.21	1.34	-95.23	28.84	-40.00	-11.95 Vertical
2	10653.00	-52.56	RMS	39.01	-22.92	0.50	-95.23	26.08	-40.00	-12.56 Vertical
3	14204.00	-51.21	RMS	40.18	-22.39	0.50	-95.23	25.73	-40.00	-11.21 Vertical

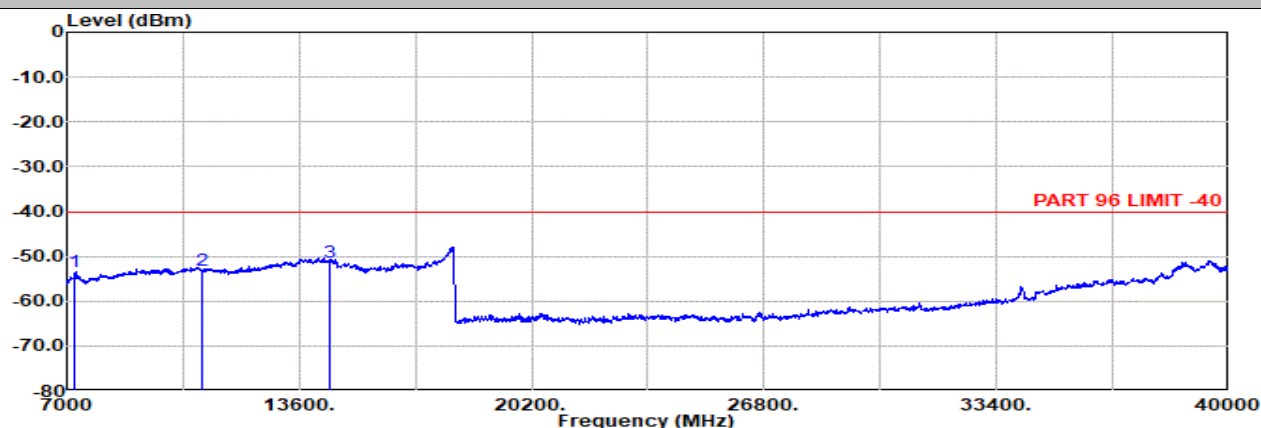


Ant. 2

Part 96 Mode 1

LTE B48 20M Ch55990 1RB0 QPSK

M

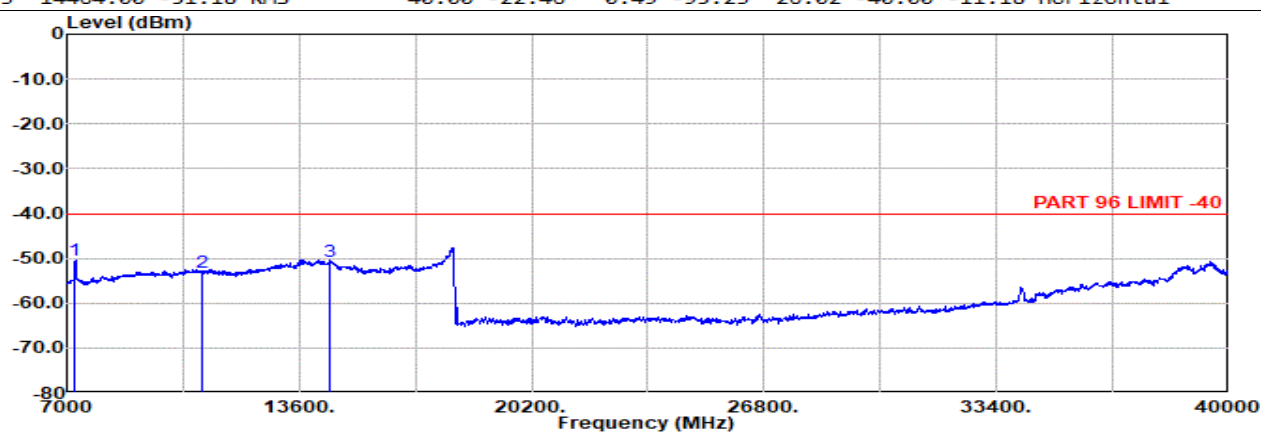


Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 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	7232.00	-53.47	RMS	36.90	-23.18	1.23 -95.23	26.81	-40.00	-13.47	Horizontal
2	10848.00	-53.12	RMS	39.00	-22.92	0.50 -95.23	25.53	-40.00	-13.12	Horizontal
3	14464.00	-51.18	RMS	40.00	-22.46	0.49 -95.23	26.02	-40.00	-11.18	Horizontal



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 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	7232.00	-50.41	RMS	36.90	-23.18	1.23 -95.23	29.87	-40.00	-10.41	Vertical
2	10848.00	-53.00	RMS	39.00	-22.92	0.50 -95.23	25.65	-40.00	-13.00	Vertical
3	14464.00	-50.86	RMS	40.00	-22.46	0.49 -95.23	26.34	-40.00	-10.86	Vertical

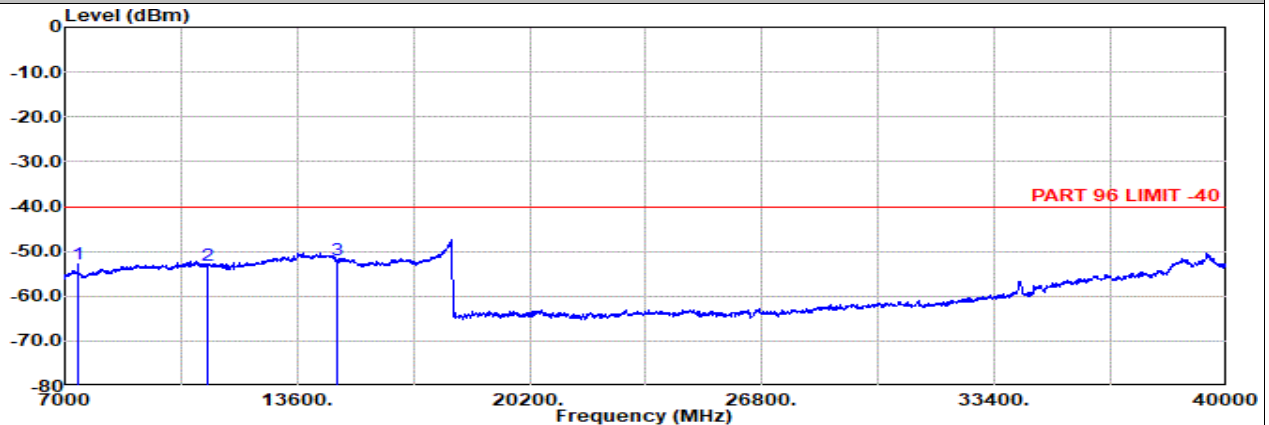


Ant. 2

Part 96 Mode 1

LTE B48 20M Ch56640 1RB0 QPSK

H

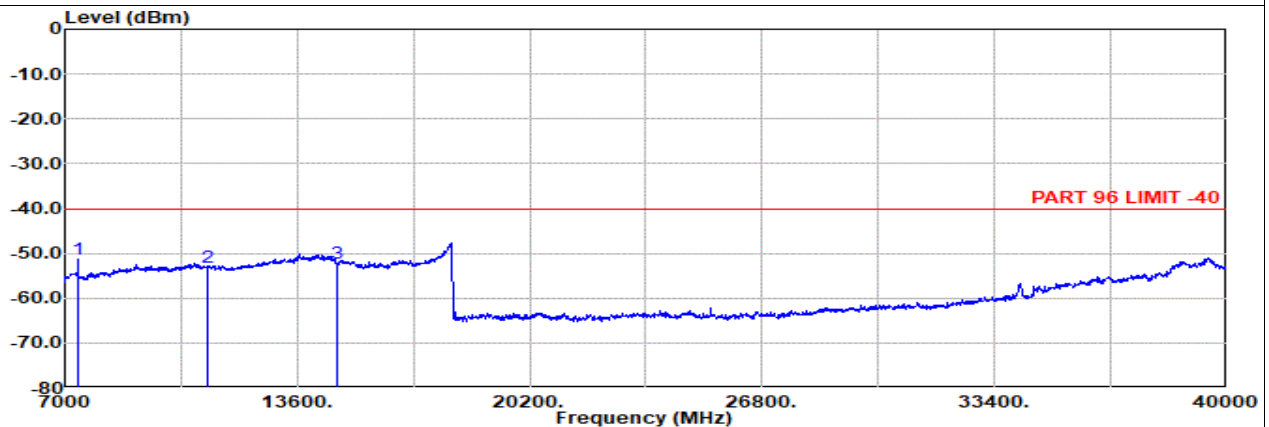


Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Horizontal

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin Pol	
				Factor	1					
1	7362.00	-52.74	RMS	36.75	-23.15	1.28	-95.23	27.61	-40.00	-12.74 Horizontal
2	11043.00	-53.11	RMS	38.79	-22.93	0.49	-95.23	25.77	-40.00	-13.11 Horizontal
3	14724.00	-52.02	RMS	39.70	-22.52	0.49	-95.23	25.54	-40.00	-12.02 Horizontal



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Vertical

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin Pol	
				Factor	1					
1	7362.00	-51.34	RMS	36.75	-23.15	1.28	-95.23	29.01	-40.00	-11.34 Vertical
2	11043.00	-53.08	RMS	38.79	-22.93	0.49	-95.23	25.80	-40.00	-13.08 Vertical
3	14724.00	-52.29	RMS	39.70	-22.52	0.49	-95.23	25.27	-40.00	-12.29 Vertical

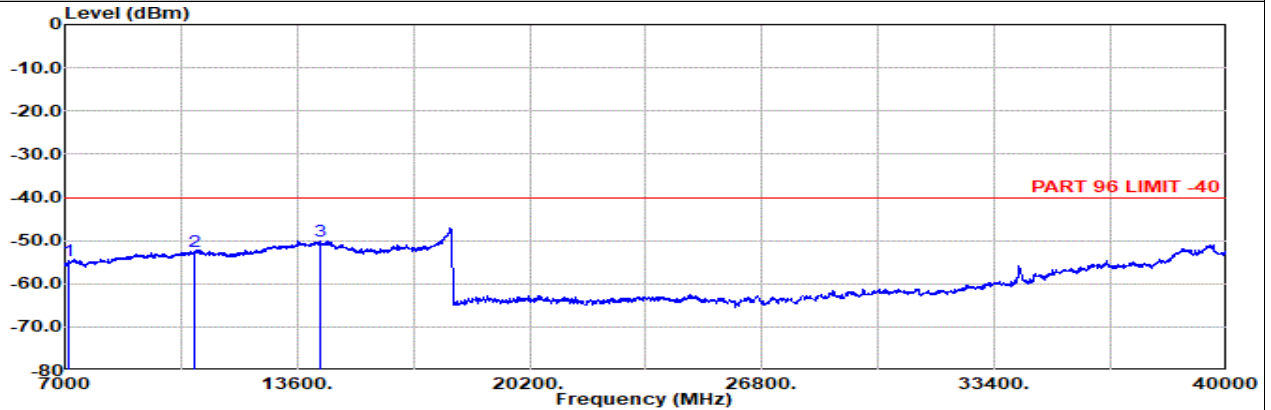


Ant. 2

Part 96 Mode 2

LTE CA B48B 10M + 10M Ch55290 1RB49 QPSK + Ch55389 1RB0 QPSK

L



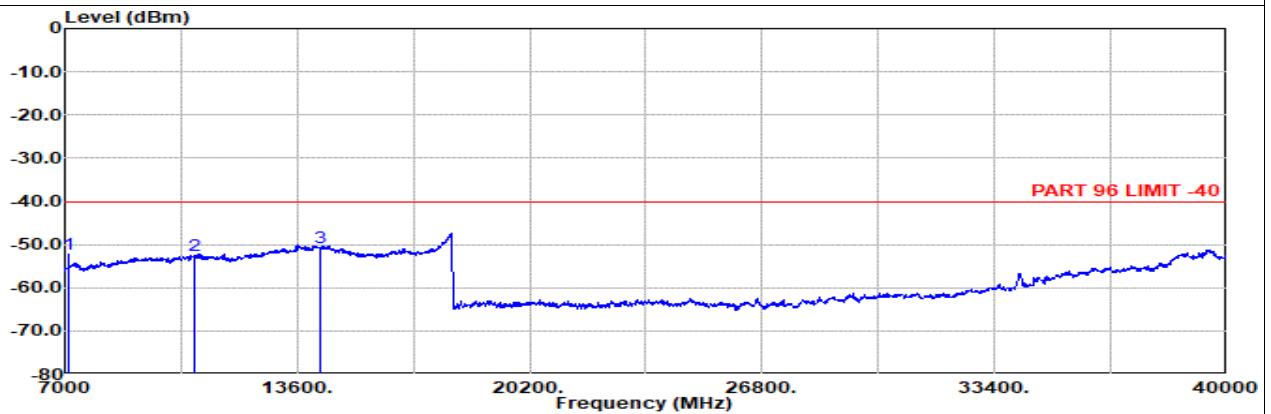
Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Horizontal

: LTE Band 48 10M Ch55290 1RB49 QPSK

: LTE Band 48 10M Ch55389 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB			dBuV	dBm	dB	
1	7128.00	-54.74	RMS	36.47	-23.20	1.31	-95.23	25.91	-40.00	-14.74	Horizontal	
2	10692.00	-52.67	RMS	39.08	-22.92	0.50	-95.23	25.90	-40.00	-12.67	Horizontal	
3	14256.00	-50.24	RMS	40.00	-22.40	0.49	-95.23	26.90	-40.00	-10.24	Horizontal	



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Vertical

: LTE Band 48 10M Ch55290 1RB49 QPSK

: LTE Band 48 10M Ch55389 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
					dB/m	dB			dBuV	dBm	dB	
1	7128.00	-52.28	RMS	36.47	-23.20	1.31	-95.23	28.37	-40.00	-12.28	Vertical	
2	10692.00	-52.59	RMS	39.08	-22.92	0.50	-95.23	25.98	-40.00	-12.59	Vertical	
3	14256.00	-50.66	RMS	40.00	-22.40	0.49	-95.23	26.48	-40.00	-10.66	Vertical	

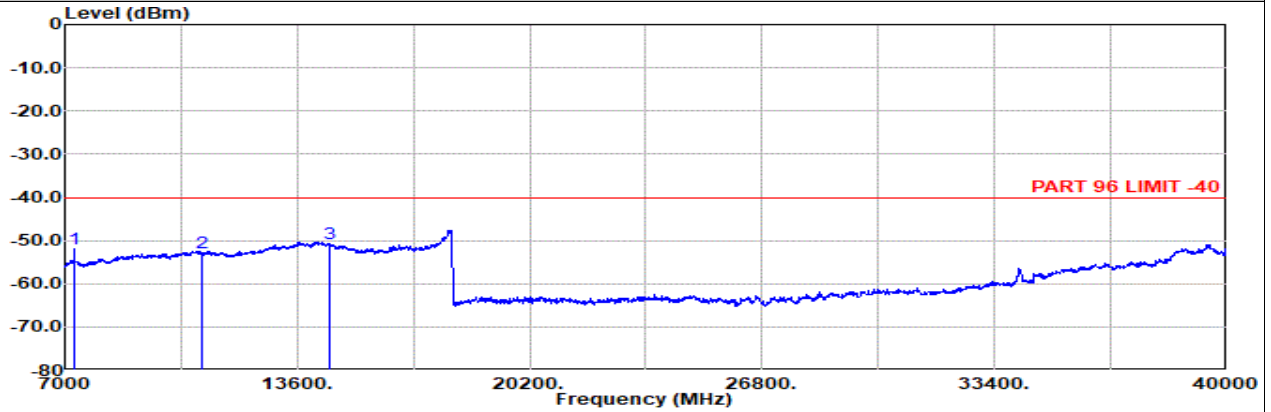


Ant. 2

Part 96 Mode 2

LTE CA B48B 10M + 10M Ch55945 1RB49 QPSK + Ch56044 1RB0 QPSK

M



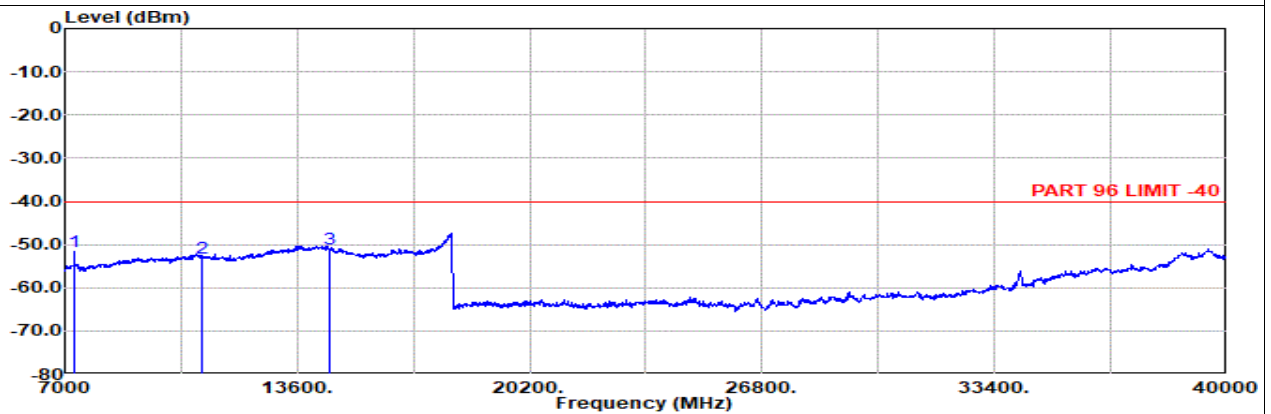
Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Horizontal

: LTE Band 48 10M Ch55945 1RB49 QPSK

: LTE Band 48 10M Ch56044 1RB0 QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			g	dBm		
1	7259.00	-51.82	RMS	36.90	-23.17	1.24	-95.23	28.44	-40.00	-11.82	Horizontal
2	10888.00	-52.82	RMS	39.00	-22.91	0.49	-95.23	25.83	-40.00	-12.82	Horizontal
3	14518.00	-50.73	RMS	39.93	-22.47	0.49	-95.23	26.55	-40.00	-10.73	Horizontal



Site : 03CH20-HY

Condition: PART 96 LIMIT -40 1m BBHA9170_1230_241025 Vertical

: LTE Band 48 10M Ch55945 1RB49 QPSK

: LTE Band 48 10M Ch56044 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7259.00	-51.61	RMS	36.90	-23.17	1.24	-95.23	28.65	-40.00	-11.61	Vertical
2	10888.00	-53.00	RMS	39.00	-22.91	0.49	-95.23	25.65	-40.00	-13.00	Vertical
3	14518.00	-50.91	RMS	39.93	-22.47	0.49	-95.23	26.37	-40.00	-10.91	Vertical