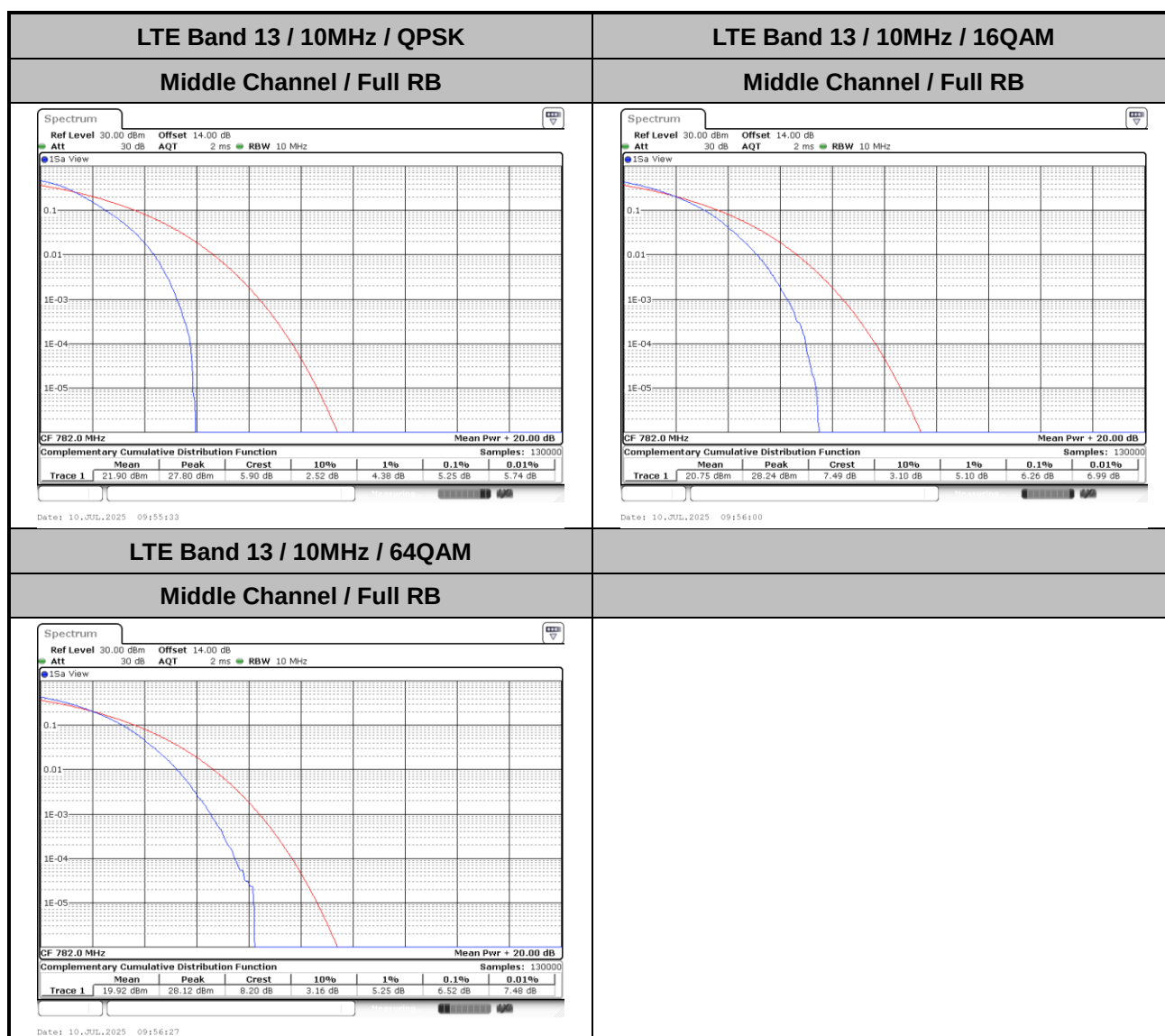




LTE Band 13

Peak-to-Average Ratio

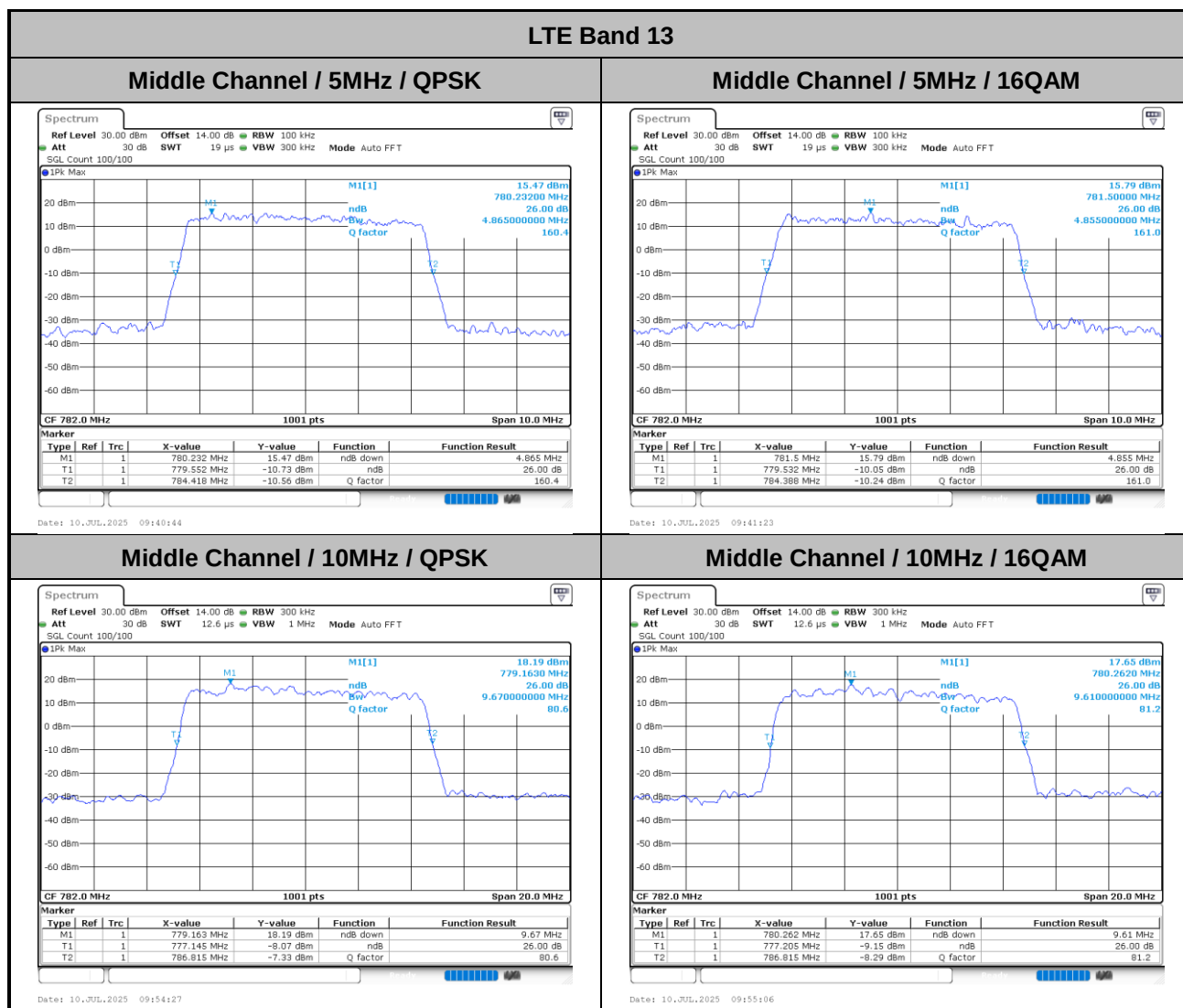
Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.25	6.26	6.52	PASS





26dB Bandwidth

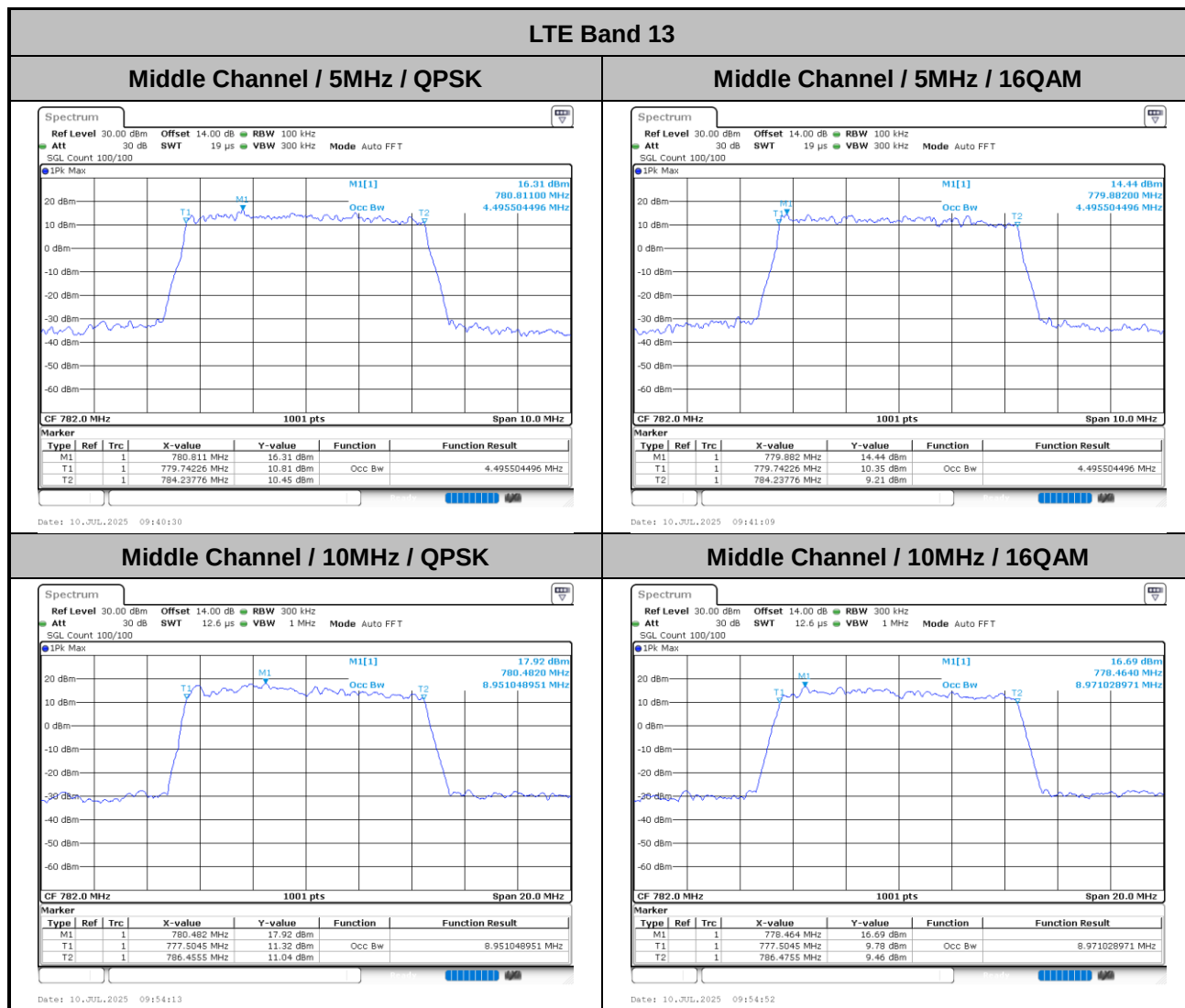
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.87	4.86	9.67	9.61	-	-	-	-





Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.50	8.95	8.97	-	-	-	-

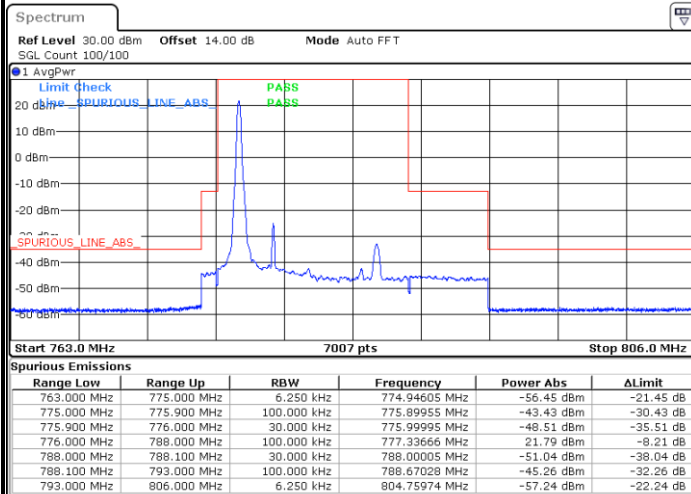




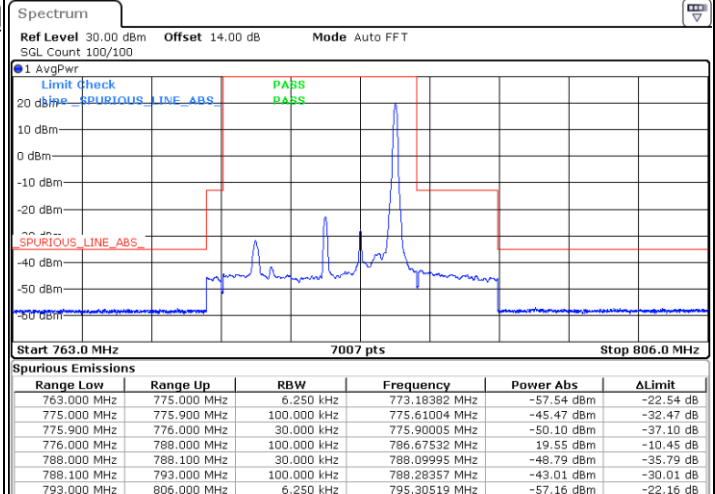
Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

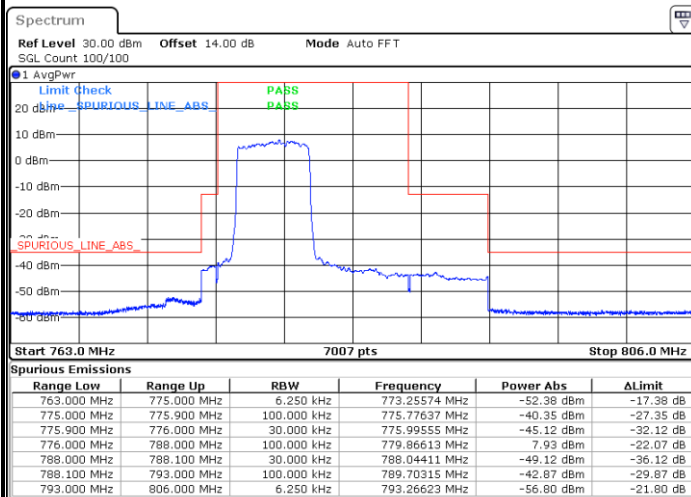
Lowest Band Edge / 1 RB



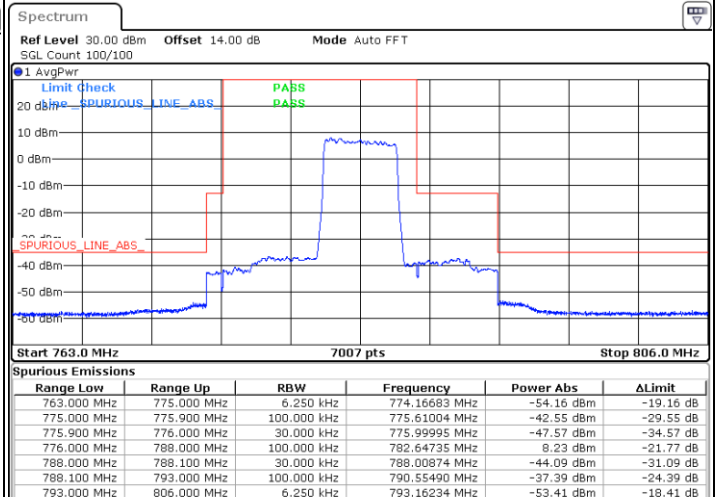
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



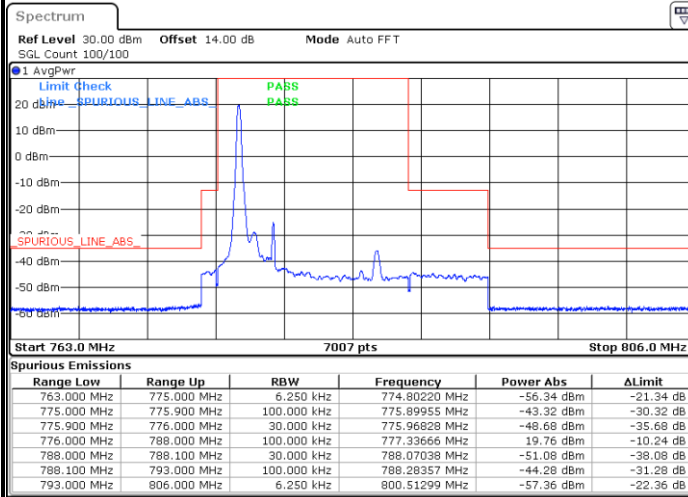
Highest Band Edge / Full RB





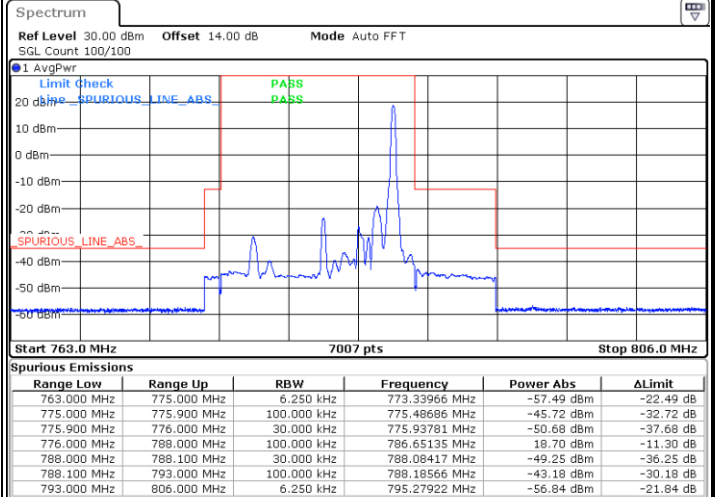
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



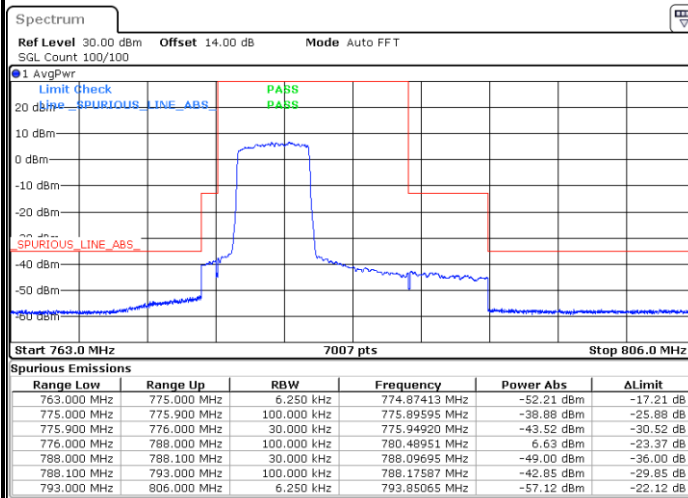
Date: 10.JUL.2025 09:36:00

Highest Band Edge / 1 RB



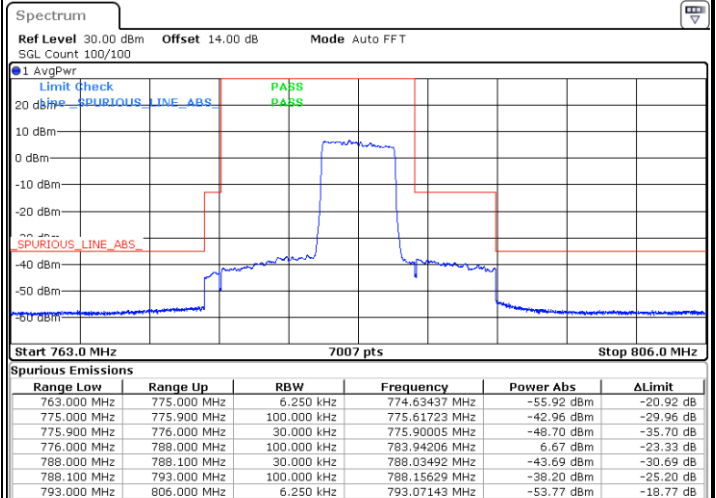
Date: 10.JUL.2025 09:42:28

Lowest Band Edge / Full RB



Date: 10.JUL.2025 09:37:40

Highest Band Edge / Full RB

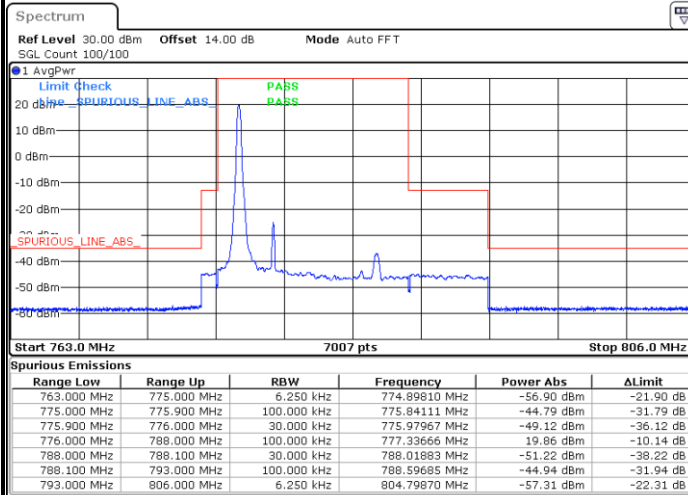


Date: 10.JUL.2025 09:44:08



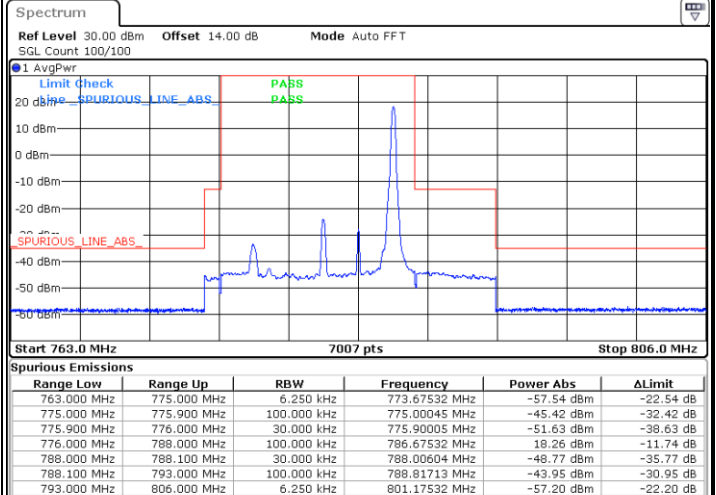
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



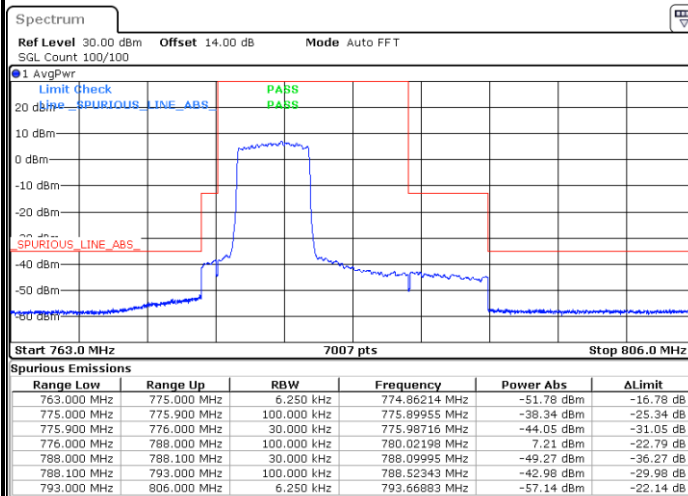
Date: 10.JUL.2025 09:36:34

Highest Band Edge / 1 RB



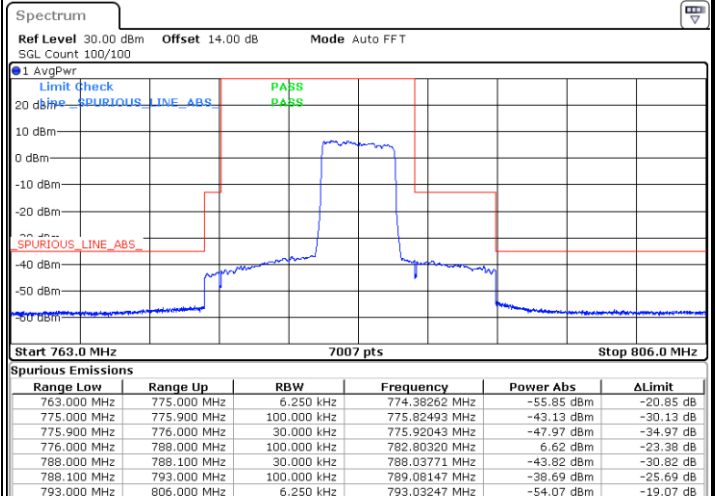
Date: 10.JUL.2025 09:43:01

Lowest Band Edge / Full RB



Date: 10.JUL.2025 09:38:13

Highest Band Edge / Full RB

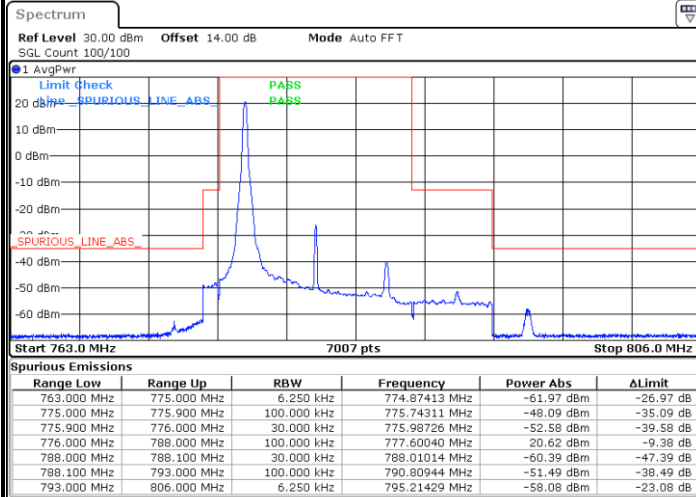


Date: 10.JUL.2025 09:44:41



LTE Band 13 / 10MHz / QPSK

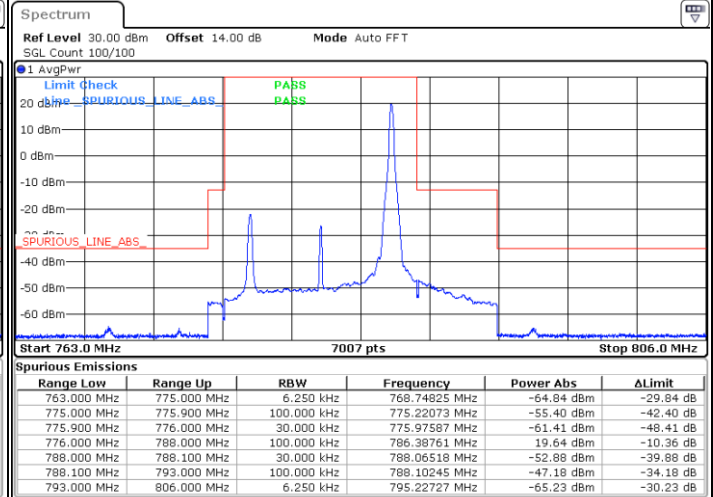
Band Edge / 1 RB



Date: 10.JUL.2025 09:48:32

LTE Band 13 / 10MHz / QPSK

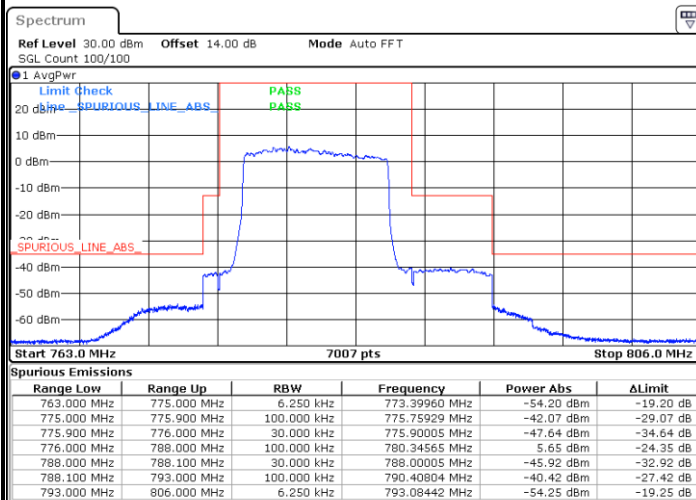
Band Edge / 1 RB



Date: 10.JUL.2025 09:50:09

LTE Band 13 / 10MHz / QPSK

Band Edge / Full RB



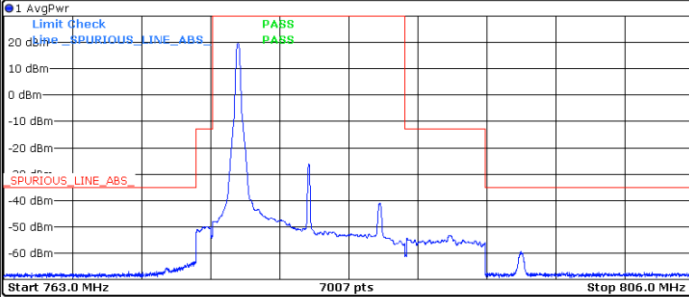
Date: 10.JUL.2025 09:51:47



LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

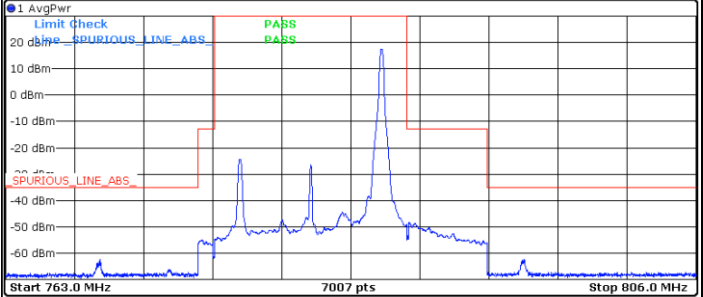
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-63.17 dBm	-28.17 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.65859 MHz	-50.01 dBm	-37.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98886 MHz	-53.49 dBm	-40.49 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	-19.66 dBm	-10.34 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01863 MHz	-60.82 dBm	-47.82 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.77517 MHz	-53.23 dBm	-40.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-59.30 dBm	-24.30 dB

Date: 10.JUL.2025 09:49:04

LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

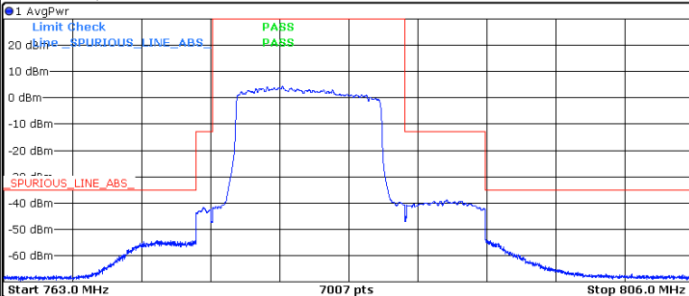
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.85614 MHz	-62.47 dBm	-27.47 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.23332 MHz	-55.09 dBm	-42.09 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97657 MHz	-61.44 dBm	-48.44 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	-17.40 dBm	-12.60 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02982 MHz	-53.27 dBm	-40.27 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-48.34 dBm	-35.34 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.26623 MHz	-62.42 dBm	-27.42 dB

Date: 10.JUL.2025 09:50:42

LTE Band 13 / 10MHz / 16QAM

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99810 MHz	-54.30 dBm	-19.30 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.45090 MHz	-41.87 dBm	-28.87 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97378 MHz	-46.96 dBm	-33.96 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.35764 MHz	4.37 dBm	-25.63 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05589 MHz	-45.08 dBm	-32.08 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.58916 MHz	-38.92 dBm	-25.92 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.04545 MHz	-53.92 dBm	-18.92 dB

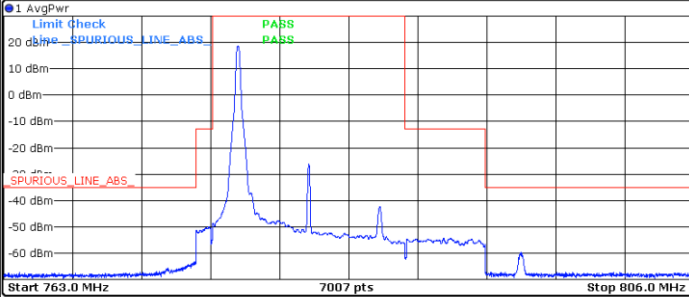
Date: 10.JUL.2025 09:52:19



LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

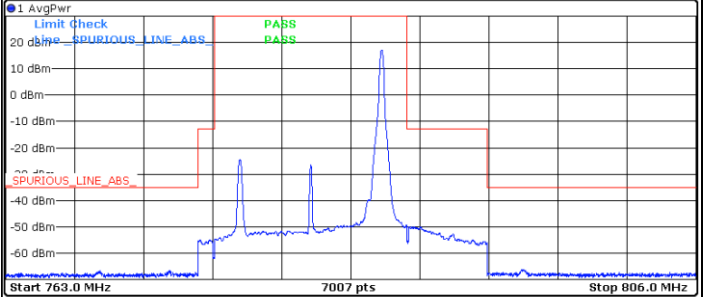
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-63.31 dBm	-28.31 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76918 MHz	-50.17 dBm	-37.17 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99995 MHz	-54.54 dBm	-41.54 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	-18.61 dBm	-11.39 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09995 MHz	-61.18 dBm	-48.18 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.39825 MHz	-54.37 dBm	-41.37 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-59.77 dBm	-24.77 dB

Date: 10.JUL.2025 09:49:37

LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

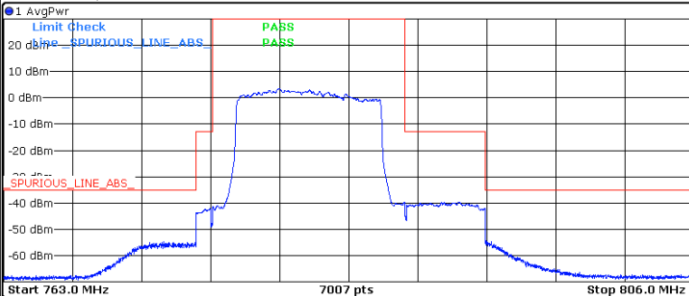
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.18382 MHz	-66.77 dBm	-31.77 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.09845 MHz	-54.98 dBm	-41.98 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90005 MHz	-60.89 dBm	-47.89 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.41159 MHz	-17.16 dBm	-12.84 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09995 MHz	-55.34 dBm	-42.34 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.83671 MHz	-49.95 dBm	-36.95 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.24026 MHz	-66.33 dBm	-31.33 dB

Date: 10.JUL.2025 09:51:14

LTE Band 13 / 10MHz / 64QAM

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

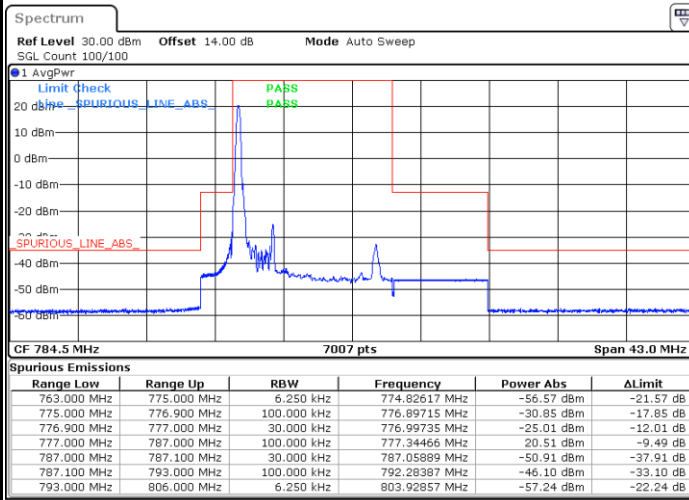
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.98002 MHz	-54.72 dBm	-19.72 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85460 MHz	-42.20 dBm	-29.20 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96558 MHz	-47.63 dBm	-34.63 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.12987 MHz	3.30 dBm	-26.70 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00005 MHz	-45.09 dBm	-32.09 dB
788.100 MHz	793.000 MHz	100.000 kHz	791.36748 MHz	-39.72 dBm	-26.72 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-54.48 dBm	-19.48 dB

Date: 10.JUL.2025 09:52:51



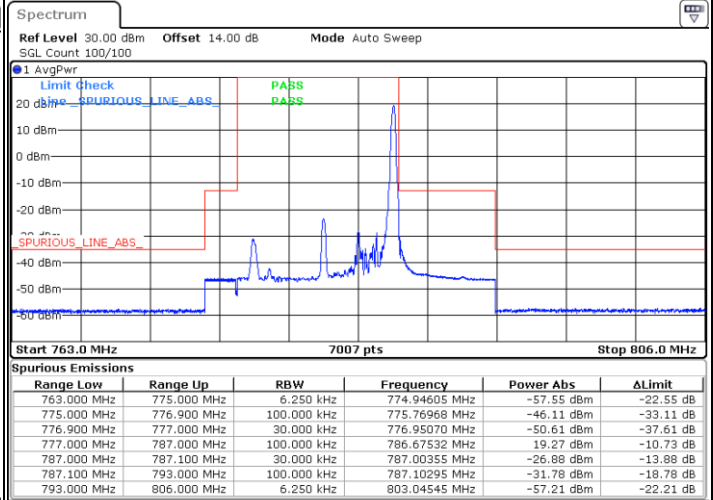
IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



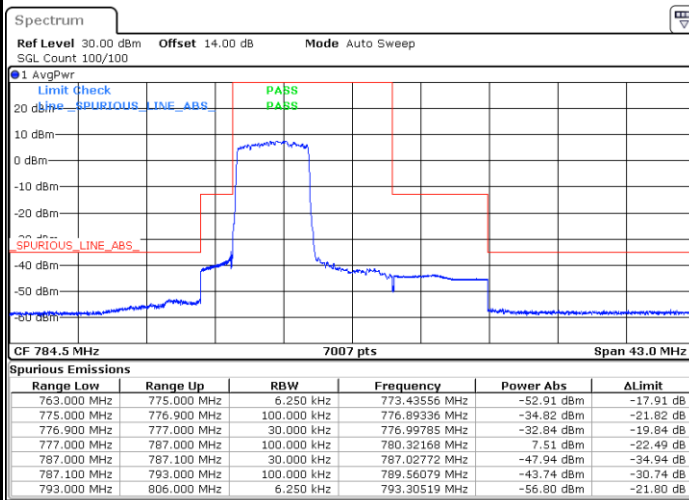
Date: 14.JUL.2025 17:00:26

Highest Band Edge / 1 RB



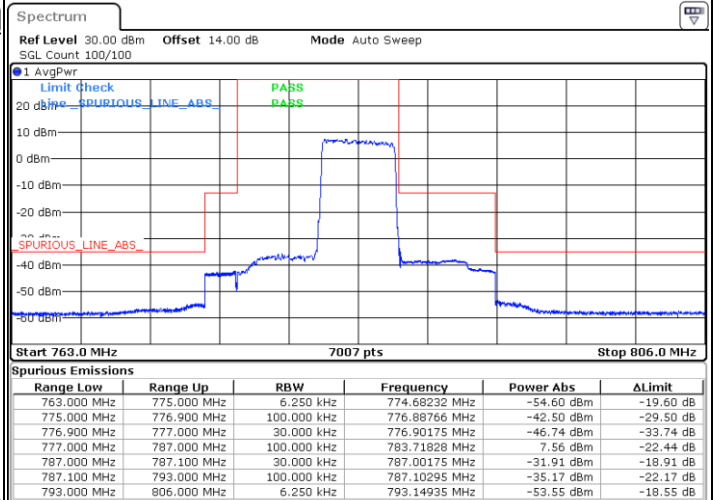
Date: 14.JUL.2025 17:05:51

Lowest Band Edge / Full RB



Date: 14.JUL.2025 16:58:35

Highest Band Edge / Full RB

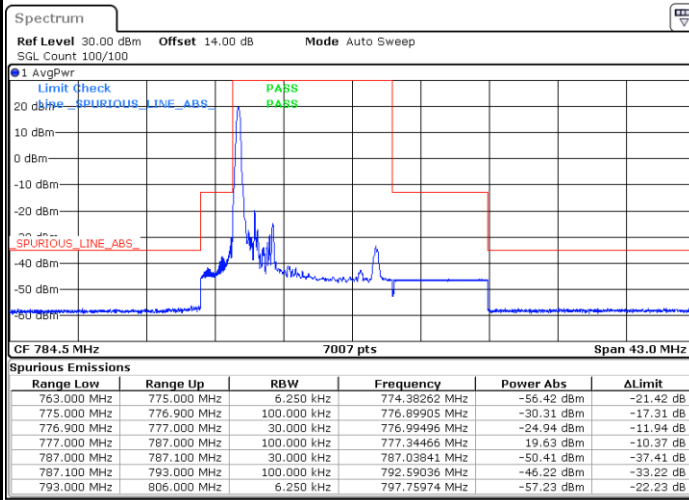


Date: 14.JUL.2025 17:03:09



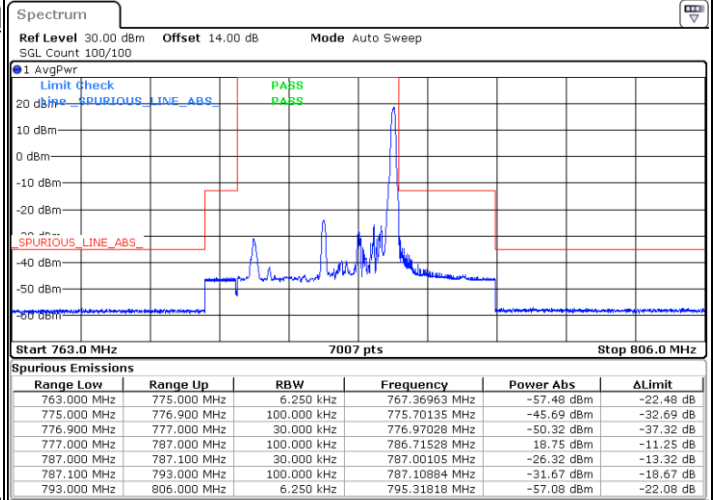
IC LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



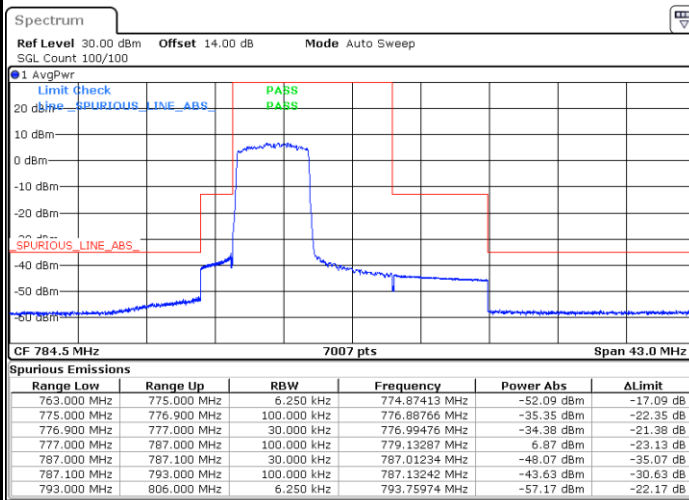
Date: 14.JUL.2025 17:01:20

Highest Band Edge / 1 RB



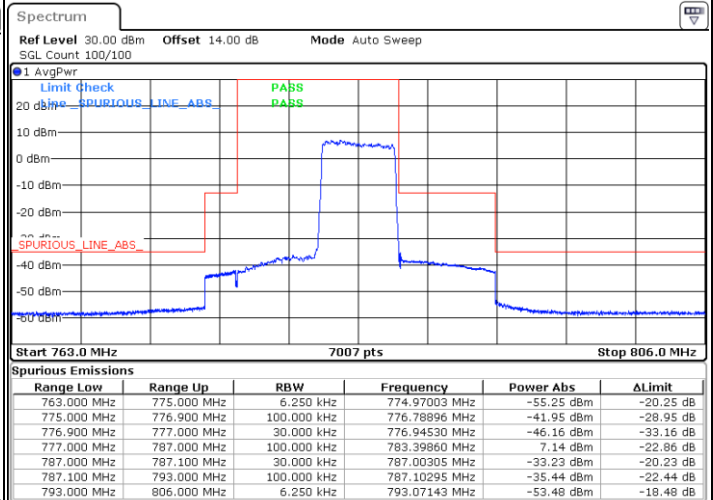
Date: 14.JUL.2025 17:06:45

Lowest Band Edge / Full RB



Date: 14.JUL.2025 16:57:26

Highest Band Edge / Full RB

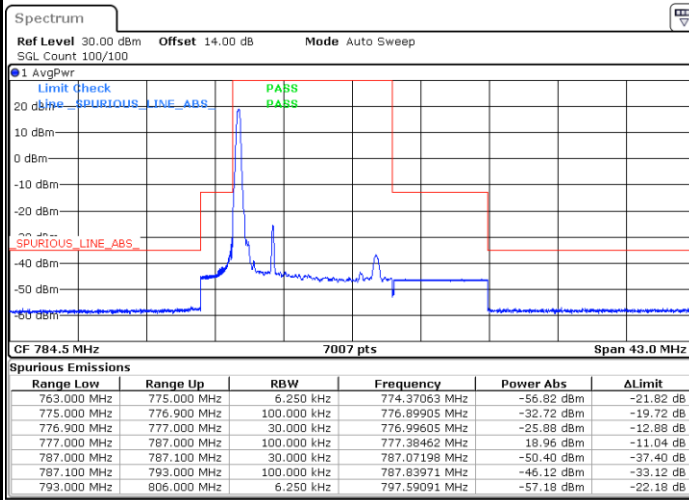


Date: 14.JUL.2025 17:04:03



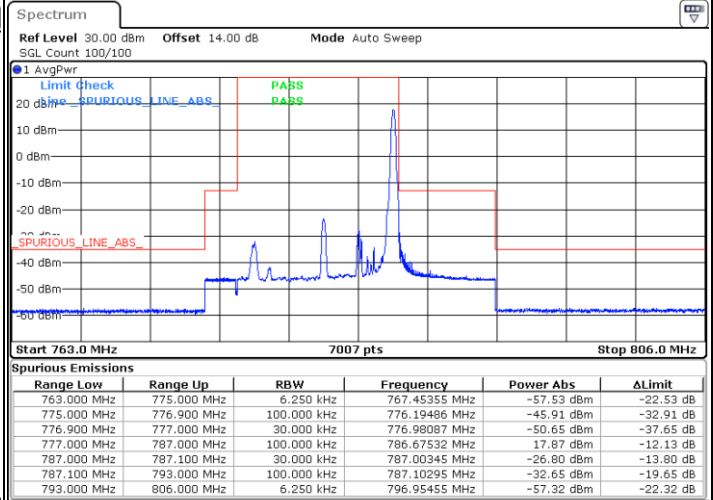
IC LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



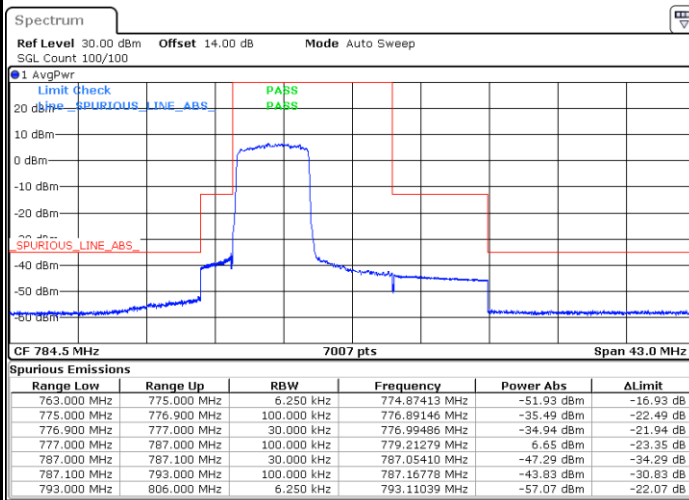
Date: 14.JUL.2025 17:02:15

Highest Band Edge / 1 RB



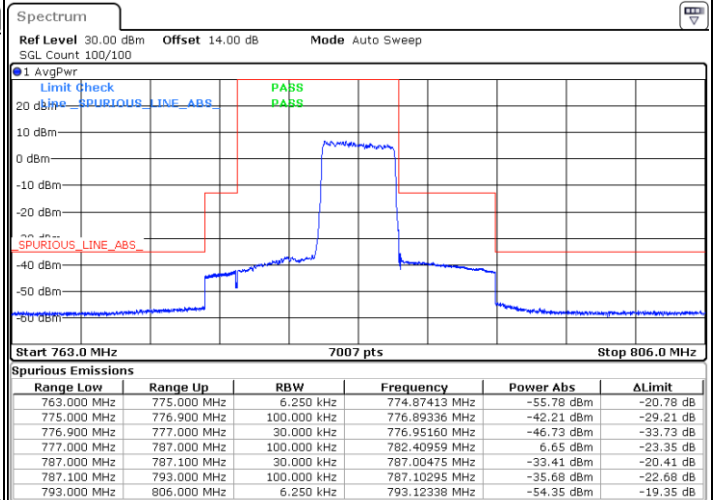
Date: 14.JUL.2025 17:09:23

Lowest Band Edge / Full RB



Date: 14.JUL.2025 16:59:30

Highest Band Edge / Full RB



Date: 14.JUL.2025 17:04:57

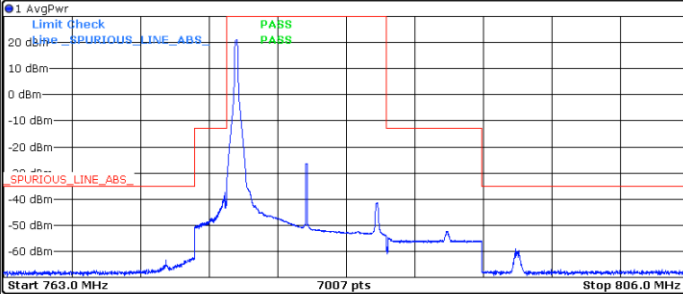


IC LTE Band 13 / 10MHz / QPSK

Band Edge / 1 RB

Band Edge / 1 RB

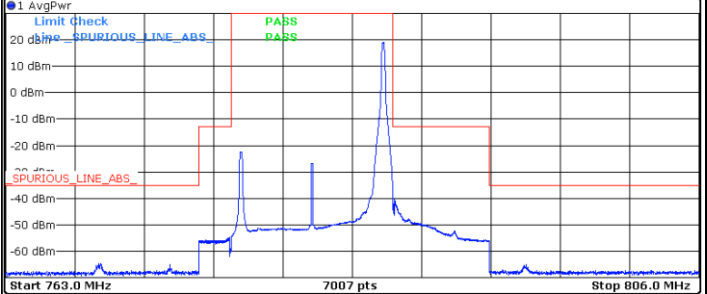
Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.85015 MHz	-62.37 dBm	-27.37 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-37.32 dBm	-24.32 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99995 MHz	-38.86 dBm	-25.86 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.62438 MHz	-21.17 dBm	-8.83 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.02073 MHz	-58.23 dBm	-45.23 dB
787.100 MHz	793.000 MHz	100.000 kHz	790.76908 MHz	-52.33 dBm	-39.33 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.09740 MHz	-59.07 dBm	-24.07 dB

Date: 14.JUL.2025 20:48:29

Spectrum

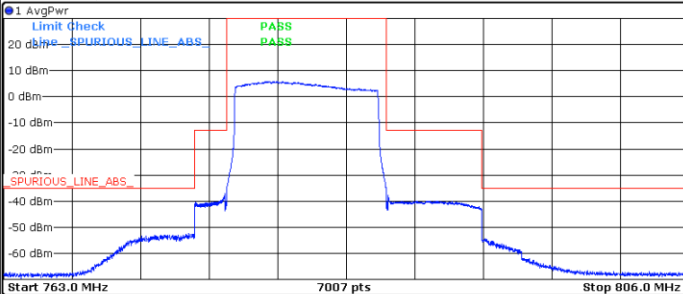
Ref Level 30.00 dBm Offset 14.00 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.74825 MHz	-64.75 dBm	-29.75 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-54.71 dBm	-41.71 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.97867 MHz	-58.55 dBm	-45.55 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.40559 MHz	-19.00 dBm	-11.00 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00405 MHz	-39.49 dBm	-26.49 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-40.32 dBm	-27.32 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.25325 MHz	-64.96 dBm	-29.96 dB

Date: 14.JUL.2025 20:52:30

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto Sweep
SQL Count 100/100

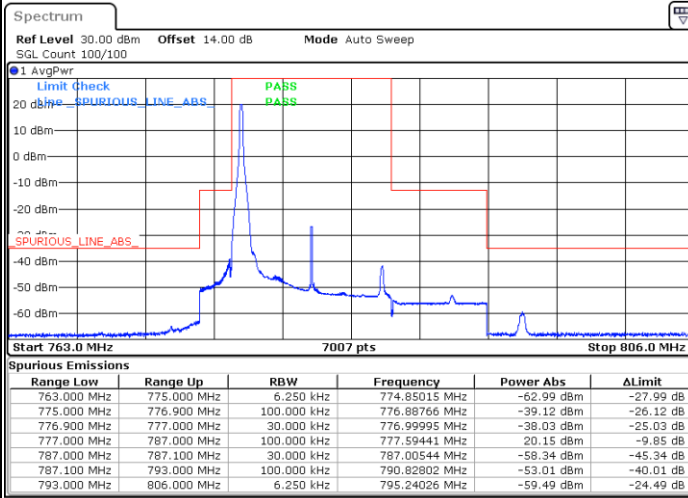
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.57443 MHz	-52.45 dBm	-17.45 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-37.01 dBm	-24.01 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99965 MHz	-38.72 dBm	-25.72 dB
777.000 MHz	787.000 MHz	100.000 kHz	779.96204 MHz	-5.81 dBm	-24.19 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00005 MHz	-39.02 dBm	-26.02 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-37.94 dBm	-24.94 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.22727 MHz	-54.25 dBm	-19.25 dB

Date: 14.JUL.2025 20:44:28



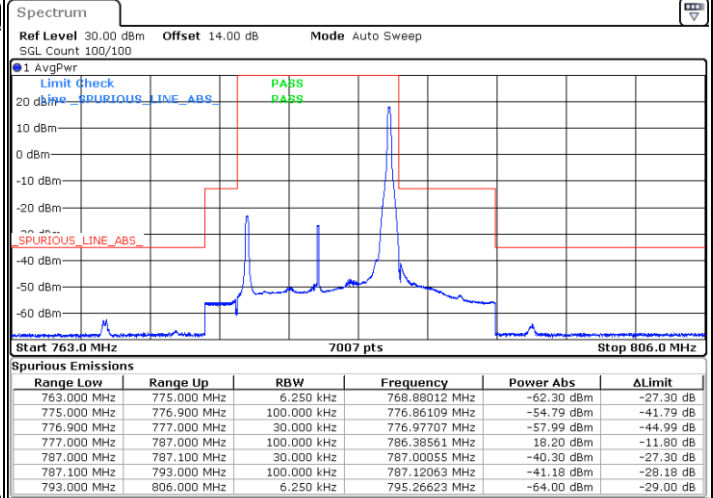
IC LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB



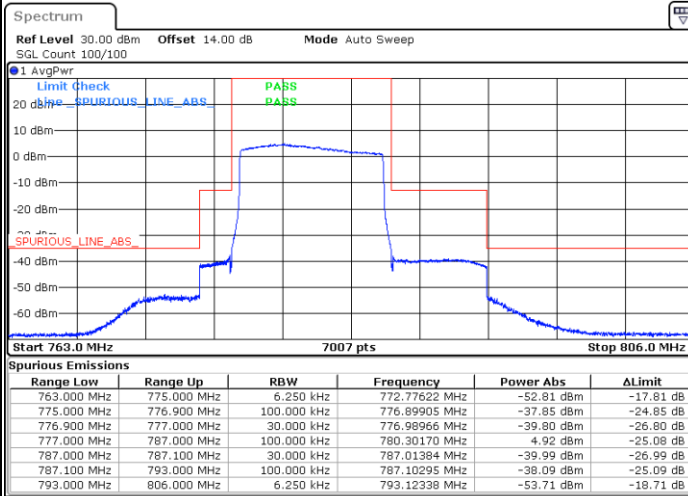
Date: 14.JUL.2025 20:49:49

Band Edge / 1 RB



Date: 14.JUL.2025 20:53:51

Band Edge / Full RB

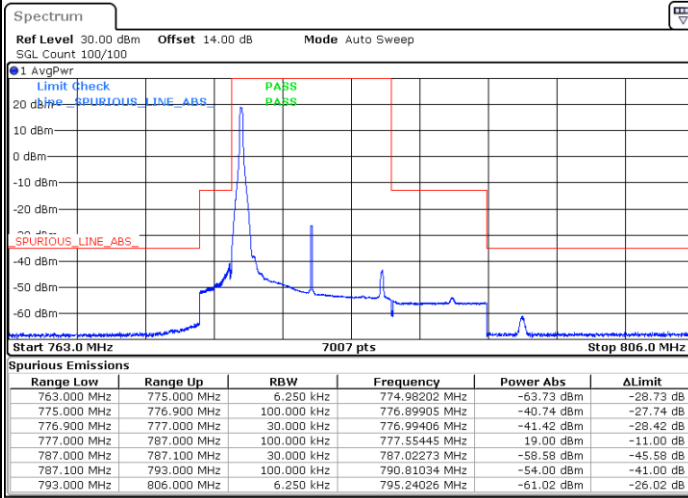


Date: 14.JUL.2025 20:45:48



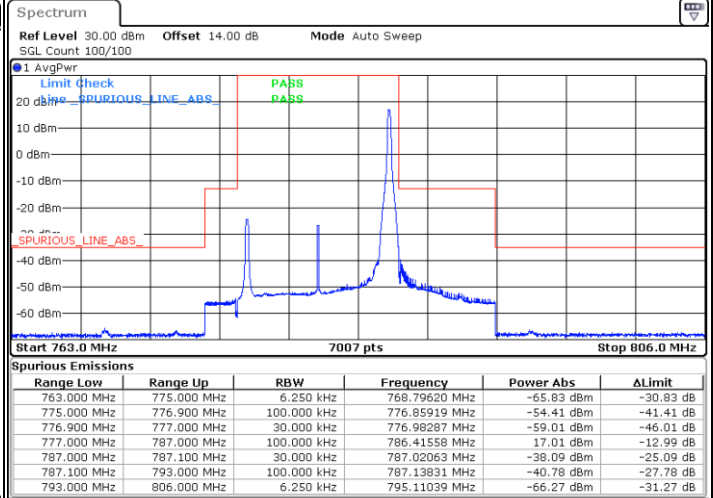
IC LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB



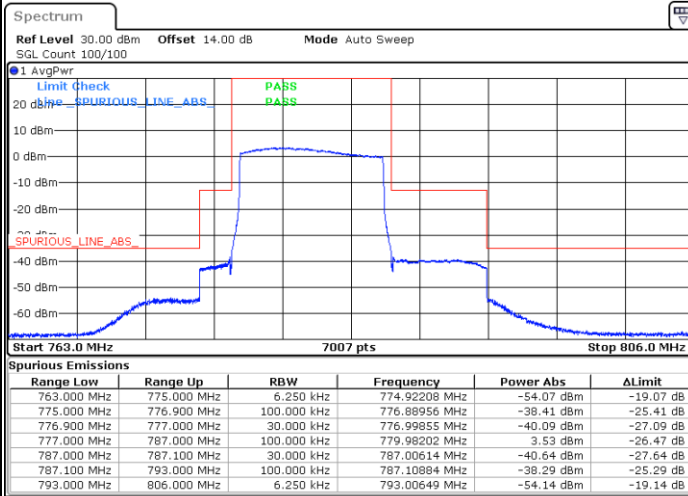
Date: 14.JUL.2025 20:51:10

Band Edge / 1 RB



Date: 14.JUL.2025 20:55:11

Band Edge / Full RB



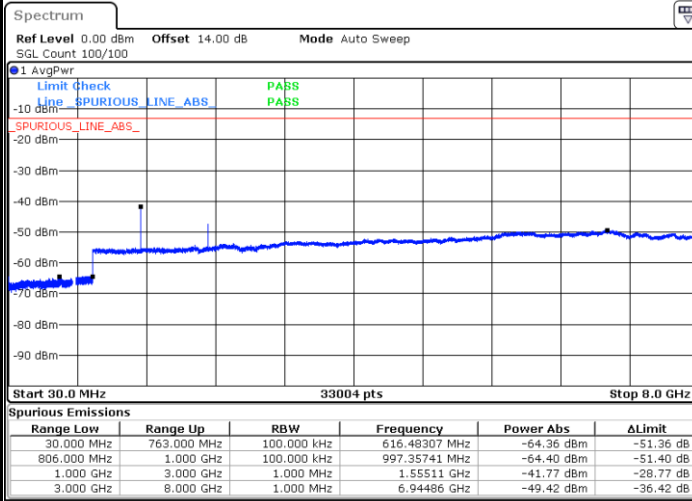
Date: 14.JUL.2025 20:47:08



Conducted Spurious Emission

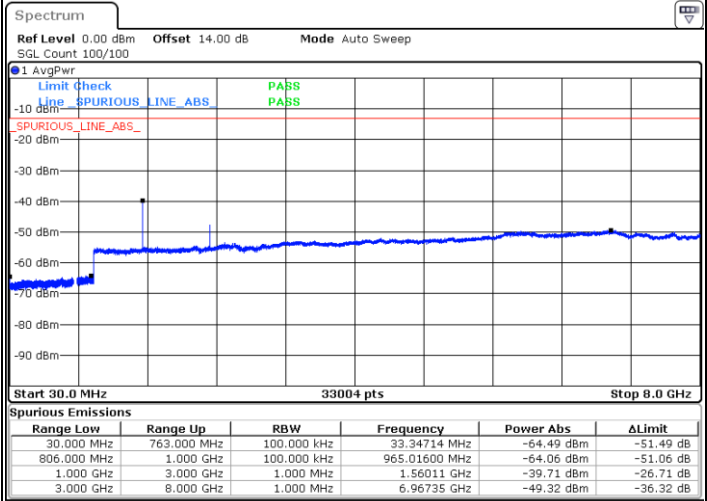
LTE Band 13 / 5MHz

Lowest Channel / QPSK



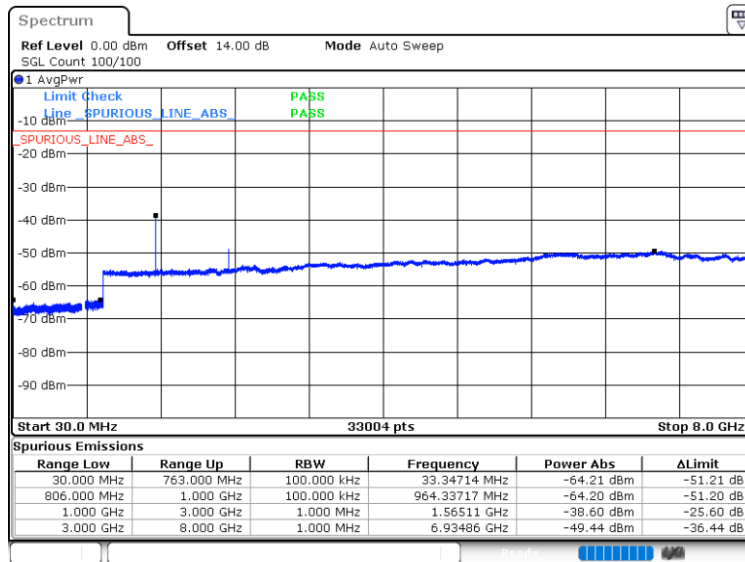
Date: 10.JUL.2025 09:39:09

Middle Channel / QPSK



Date: 10.JUL.2025 09:40:03

Highest Channel / QPSK

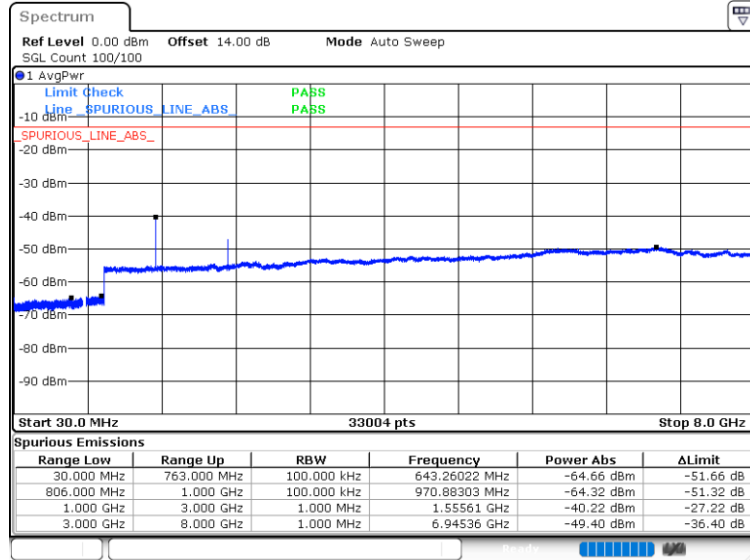


Date: 10.JUL.2025 09:45:39



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 10.JUL.2025 09:53:46

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	2.2	PASS
40	Normal Voltage	2.5	
30	Normal Voltage	-1.7	
20(Ref.)	Normal Voltage	-3.1	
10	Normal Voltage	2.7	
0	Normal Voltage	1.9	
-10	Normal Voltage	1.8	
-20	Normal Voltage	2	
-30	Normal Voltage	2.8	
20	Maximum Voltage	2.6	
20	Normal Voltage	-3.1	
20	Battery End Point	2.3	

Note:

1. Normal Voltage =7.6 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 3.1\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	777.262237	$\geq 777 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	786.747753	$\leq 787 \text{ MHz}$	



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Reid Huang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702.18	-62.46	-13	-49.46	-77.20	-69.22	5.82	12.58	H
	5553.27	-57.79	-13	-44.79	-75.52	-63.51	7.28	13.00	H
	7404.36	-55.41	-13	-42.41	-78.24	-58.57	8.32	11.48	H
	3702.18	-62.00	-13	-49.00	-77.03	-68.76	5.82	12.58	V
	5553.27	-57.72	-13	-44.72	-75.5	-63.44	7.28	13.00	V
	7404.36	-55.29	-13	-42.29	-78.16	-58.45	8.32	11.48	V
Middle	3742.18	-62.59	-13	-49.59	-77.40	-69.34	5.85	12.60	H
	5613.27	-56.86	-13	-43.86	-74.81	-62.66	7.30	13.10	H
	7484.36	-55.79	-13	-42.79	-78.32	-58.94	8.35	11.50	H
	3742.18	-62.55	-13	-49.55	-77.57	-69.30	5.85	12.60	V
	5613.27	-56.32	-13	-43.32	-74.18	-62.12	7.30	13.10	V
	7484.36	-56.01	-13	-43.01	-78.47	-59.16	8.35	11.50	V
Highest	3782.18	-62.47	-13	-49.47	-77.37	-69.21	5.88	12.62	H
	5673.27	-56.25	-13	-43.25	-74.29	-62.06	7.32	13.13	H
	7564.36	-56.09	-13	-43.09	-78.34	-59.25	8.38	11.54	H
	3782.18	-62.27	-13	-49.27	-77.3	-69.01	5.88	12.62	V
	5673.27	-57.57	-13	-44.57	-75.58	-63.38	7.32	13.13	V
	7564.36	-55.77	-13	-42.77	-77.84	-58.93	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422.18	-50.36	-13	-37.36	-62.80	-57.24	5.60	12.48	H
	5133.27	-51.80	-13	-38.80	-69.69	-57.48	7.10	12.78	H
	6844.36	-45.64	-13	-32.64	-66.01	-49.03	8.38	11.77	H
	8555.45	-49.35	-13	-36.35	-72.83	-52.19	8.74	11.58	H
	3422.18	-59.33	-13	-46.33	-72.33	-66.21	5.60	12.48	V
	5133.27	-53.79	-13	-40.79	-71.62	-59.47	7.10	12.78	V
	6844.36	-46.55	-13	-33.55	-66.68	-49.94	8.38	11.77	V
	8555.45	-49.81	-13	-36.81	-73.19	-52.65	8.74	11.58	V
Middle	3447.18	-59.47	-13	-46.47	-72.19	-66.32	5.65	12.50	H
	5170.77	-53.42	-13	-40.42	-71.35	-59.09	7.13	12.80	H
	6894.36	-47.05	-13	-34.05	-67.70	-50.45	8.40	11.80	H
	8617.95	-52.65	-13	-39.65	-76.66	-55.50	8.75	11.60	H
	3447.18	-60.23	-13	-47.23	-73.5	-67.08	5.65	12.50	V
	5170.77	-55.77	-13	-42.77	-73.65	-61.44	7.13	12.80	V
	6894.36	-47.74	-13	-34.74	-68.3	-51.14	8.40	11.80	V
	8617.95	-52.90	-13	-39.90	-76.77	-55.75	8.75	11.60	V
Highest	3472.18	-61.38	-13	-48.38	-74.39	-68.22	5.68	12.52	H
	5208.27	-52.61	-13	-39.61	-70.49	-58.28	7.15	12.82	H
	6944.36	-46.28	-13	-33.28	-67.13	-49.71	8.42	11.85	H
	8680.45	-51.83	-13	-38.83	-75.99	-54.67	8.78	11.62	H
	3472.18	-60.82	-13	-47.82	-74.38	-67.66	5.68	12.52	V
	5208.27	-52.49	-13	-39.49	-70.32	-58.16	7.15	12.82	V
	6944.36	-46.90	-13	-33.90	-67.8	-50.33	8.42	11.85	V
	8680.45	-52.50	-13	-39.50	-76.5	-55.34	8.78	11.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.18	-64.03	-13	-51.03	-70.34	-67.26	3.98	9.36	H
	2473.77	-64.95	-13	-51.95	-75.35	-68.50	4.85	10.55	H
	3298.36	-63.33	-13	-50.33	-75.85	-68.26	5.50	12.58	H
	1649.18	-66.26	-13	-53.26	-72.45	-69.49	3.98	9.36	V
	2473.77	-64.33	-13	-51.33	-75.09	-67.88	4.85	10.55	V
	3298.36	-63.29	-13	-50.29	-76.27	-68.22	5.50	12.58	V
Middle	1664.18	-62.81	-13	-49.81	-69.11	-66.06	4.00	9.40	H
	2496.27	-64.86	-13	-51.86	-75.20	-68.43	4.88	10.60	H
	3328.36	-63.78	-13	-50.78	-76.10	-68.71	5.52	12.60	H
	1664.18	-66.94	-13	-53.94	-73.01	-70.19	4.00	9.40	V
	2496.27	-64.63	-13	-51.63	-75.31	-68.20	4.88	10.60	V
	3328.36	-63.12	-13	-50.12	-75.85	-68.05	5.52	12.60	V
Highest	1679.18	-64.02	-13	-51.02	-70.35	-67.19	4.10	9.42	H
	2518.77	-64.97	-13	-51.97	-75.29	-68.55	4.90	10.63	H
	3358.36	-64.02	-13	-51.02	-76.22	-68.94	5.55	12.62	H
	1679.18	-67.61	-13	-54.61	-73.68	-70.78	4.10	9.42	V
	2518.77	-64.41	-13	-51.41	-75.06	-67.99	4.90	10.63	V
	3358.36	-64.11	-13	-51.11	-76.73	-69.03	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-60.28	-13	-47.28	-68.58	-63.51	3.98	9.36	H
	2098.5	-65.11	-13	-52.11	-74.72	-68.66	4.85	10.55	H
	2798	-61.84	-13	-48.84	-73.89	-66.77	5.50	12.58	H
	3496	-57.42	-13	-44.42	-70.74	-61.89	5.98	12.60	H
	4200	-61.62	-13	-48.62	-77.71	-65.05	7.10	12.68	H
	1399	-62.81	-13	-49.81	-71.17	-66.04	3.98	9.36	V
	2098.5	-64.62	-13	-51.62	-74.61	-68.17	4.85	10.55	V
	2798	-63.11	-13	-50.11	-75.40	-68.04	5.50	12.58	V
	3496	-59.77	-13	-46.77	-73.63	-64.24	5.98	12.60	V
	4200	-62.49	-13	-49.49	-78.75	-65.92	7.10	12.68	V
Middle	1406	-55.01	-13	-42.01	-63.30	-58.26	4.00	9.40	H
	2109	-63.05	-13	-50.05	-72.84	-66.62	4.88	10.60	H
	2812	-53.89	-13	-40.89	-65.98	-58.82	5.52	12.60	H
	3512	-48.97	-13	-35.97	-62.49	-53.44	6.00	12.62	H
	4216	-56.81	-13	-43.81	-73.00	-60.22	7.14	12.70	H
	1406	-58.57	-13	-45.57	-66.94	-61.82	4.00	9.40	V
	2109	-64.39	-13	-51.39	-74.55	-67.96	4.88	10.60	V
	2812	-57.30	-13	-44.30	-69.63	-62.23	5.52	12.60	V
	3512	-52.59	-13	-39.59	-66.64	-57.06	6.00	12.62	V
	4216	-60.26	-13	-47.26	-76.58	-63.67	7.14	12.70	V
Highest	1413	-53.71	-13	-40.71	-61.92	-56.88	4.10	9.42	H
	2119.5	-63.27	-13	-50.27	-73.25	-66.85	4.90	10.63	H
	2826	-54.20	-13	-41.20	-66.31	-59.12	5.55	12.62	H
	3536	-49.48	-13	-36.48	-63.28	-53.96	6.02	12.65	H
	4240	-55.71	-13	-42.71	-72.04	-59.13	7.15	12.72	H
	1413	-59.33	-13	-46.33	-67.62	-62.50	4.10	9.42	V
	2119.5	-64.19	-13	-51.19	-74.54	-67.77	4.90	10.63	V
	2826	-58.18	-13	-45.18	-70.54	-63.10	5.55	12.62	V
	3536	-52.94	-13	-39.94	-67.26	-57.42	6.02	12.65	V
	4240	-59.78	-13	-46.78	-76.19	-63.20	7.15	12.72	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554.5	-56.62	-13	-43.62	-63.49	-59.85	3.98	9.36	H
	2331.75	-62.45	-13	-49.45	-73.31	-66.00	4.85	10.55	H
	3109	-62.11	-13	-49.11	-75.05	-67.04	5.50	12.58	H
	1554.5	-63.74	-13	-50.74	-70.81	-66.97	3.98	9.36	V
	2331.75	-62.05	-13	-49.05	-73.30	-65.60	4.85	10.55	V
	3109	-60.53	-13	-47.53	-73.97	-65.46	5.50	12.58	V
Middle	1559.5	-58.59	-42.15	-16.44	-65.40	-61.84	4.00	9.40	H
	2339.25	-63.20	-13	-50.20	-74.04	-66.77	4.88	10.60	H
	3119	-62.80	-13	-49.80	-75.78	-67.73	5.52	12.60	H
	1559.5	-66.06	-42.15	-23.91	-73.08	-69.31	4.00	9.40	V
	2339.25	-63.81	-13	-50.81	-75.04	-67.38	4.88	10.60	V
	3119	-62.00	-13	-49.00	-75.49	-66.93	5.52	12.60	V
Highest	1564.5	-60.51	-42.15	-18.36	-67.26	-63.68	4.10	9.42	H
	2346.75	-63.64	-13	-50.64	-74.44	-67.22	4.90	10.63	H
	3129	-62.95	-13	-49.95	-75.96	-67.87	5.55	12.62	H
	1564.5	-65.79	-42.15	-23.64	-72.76	-68.96	4.10	9.42	V
	2346.75	-63.85	-13	-50.85	-75.04	-67.43	4.90	10.63	V
	3129	-62.07	-13	-49.07	-75.61	-66.99	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-65.55	-42.15	-23.40	-72.36	-68.80	4.00	9.40	H
	2339.25	-64.91	-13	-51.91	-75.75	-68.48	4.88	10.60	H
	3119	-63.13	-13	-50.13	-76.11	-68.06	5.52	12.60	H
	1559.5	-66.16	-42.15	-24.01	-73.18	-69.41	4.00	9.40	V
	2339.25	-63.97	-13	-50.97	-75.20	-67.54	4.88	10.60	V
	3119	-62.44	-13	-49.44	-75.93	-67.37	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.