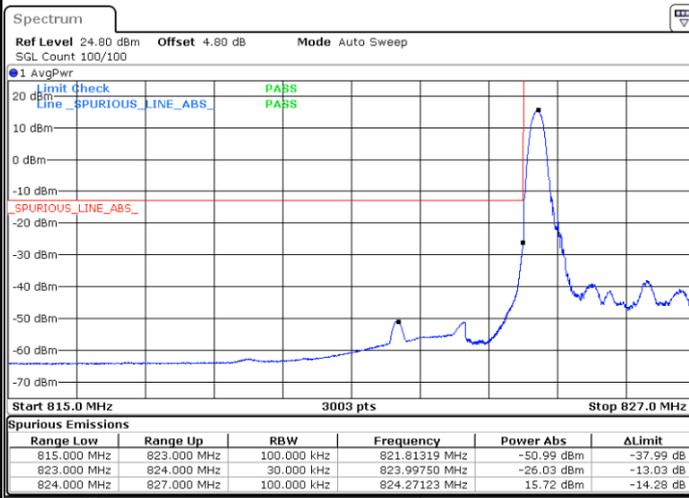




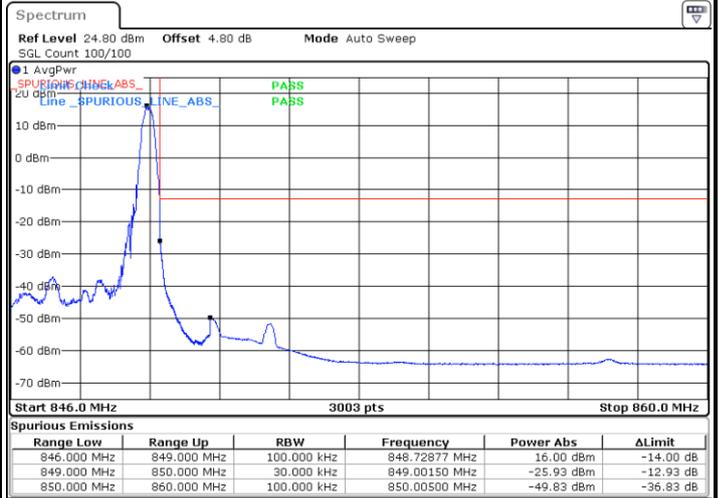
LTE Band 26 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



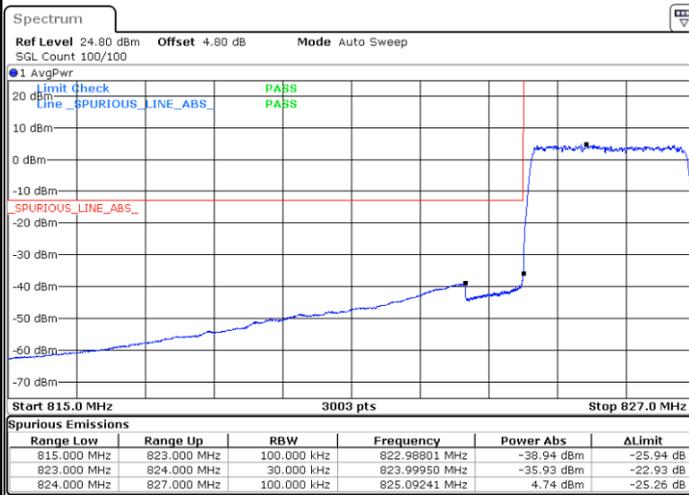
Date: 2.MAR.2025 03:22:56

Highest Band Edge / 1 RB



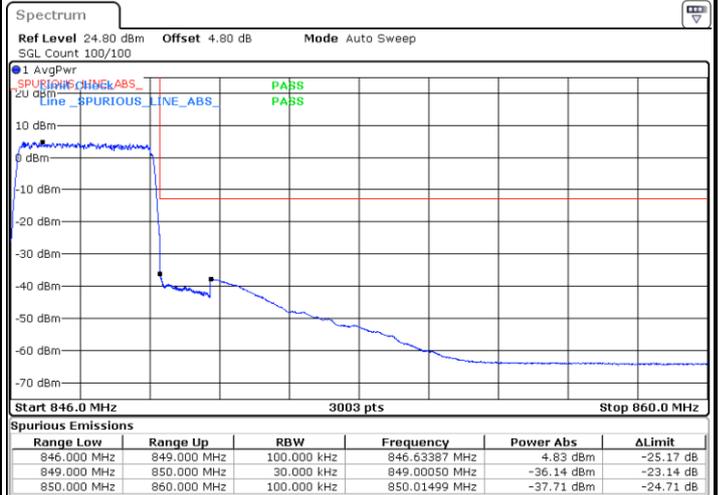
Date: 2.MAR.2025 03:18:09

Lowest Band Edge / Full RB



Date: 2.MAR.2025 03:21:38

Highest Band Edge / Full RB

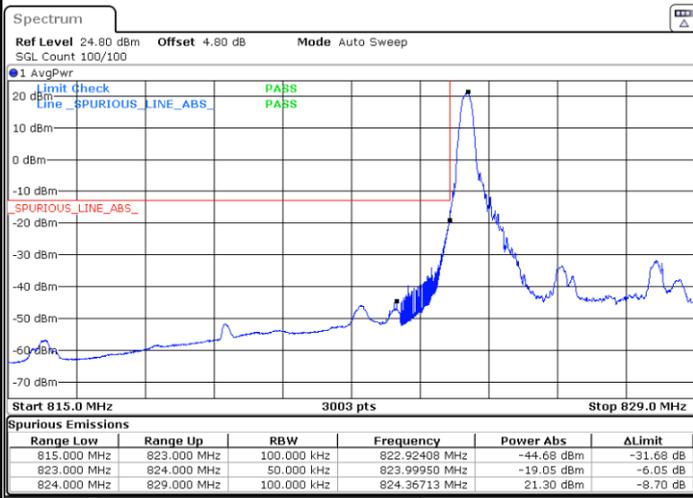


Date: 2.MAR.2025 03:20:11



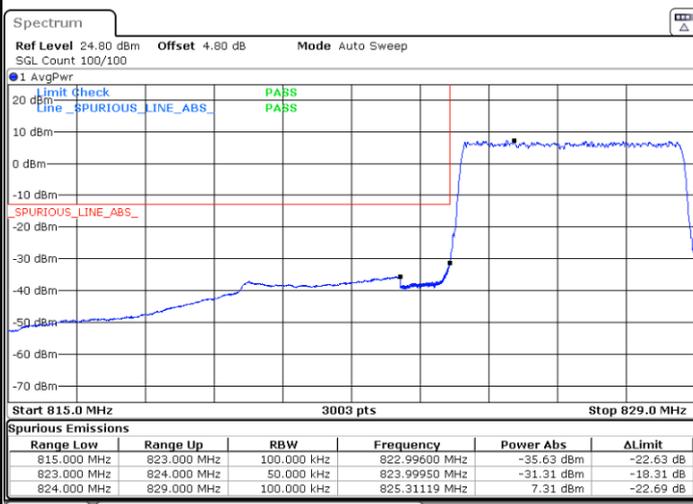
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.92408 MHz	-44.68 dBm	-31.68 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-19.05 dBm	-6.05 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.36713 MHz	21.30 dBm	-8.70 dB

Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-35.63 dBm	-22.63 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-31.31 dBm	-18.31 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.31119 MHz	7.31 dBm	-22.69 dB

Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.64785 MHz	21.32 dBm	-8.68 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00350 MHz	-19.17 dBm	-6.17 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.83417 MHz	-45.54 dBm	-32.54 dB

Highest Band Edge / Full RB

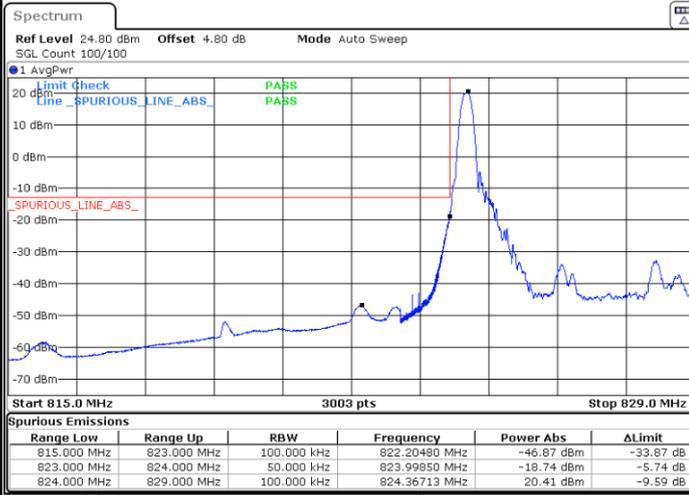


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.64186 MHz	7.03 dBm	-22.97 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-32.44 dBm	-19.44 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-37.57 dBm	-24.57 dB



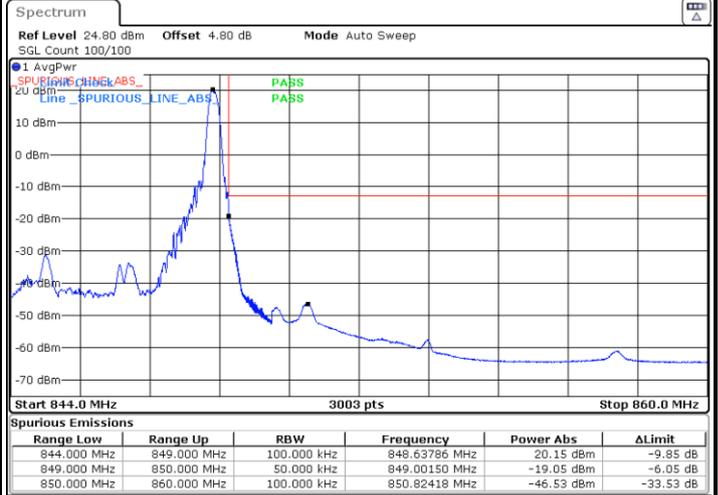
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



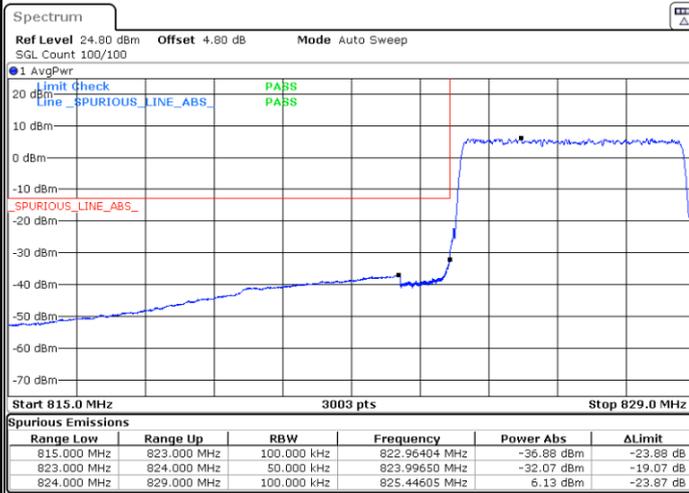
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Highest Band Edge / 1 RB



Date: 26.FEB.2025 03:59:14

Lowest Band Edge / Full RB



Date: 26.FEB.2025 03:52:57

Highest Band Edge / Full RB

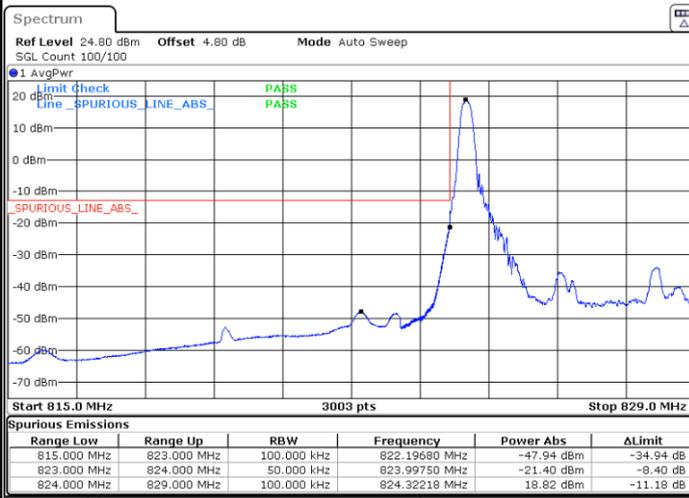


Date: 26.FEB.2025 04:03:16



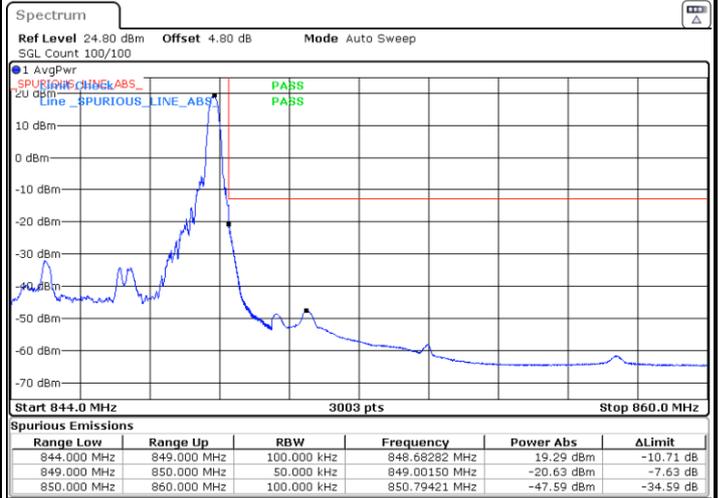
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



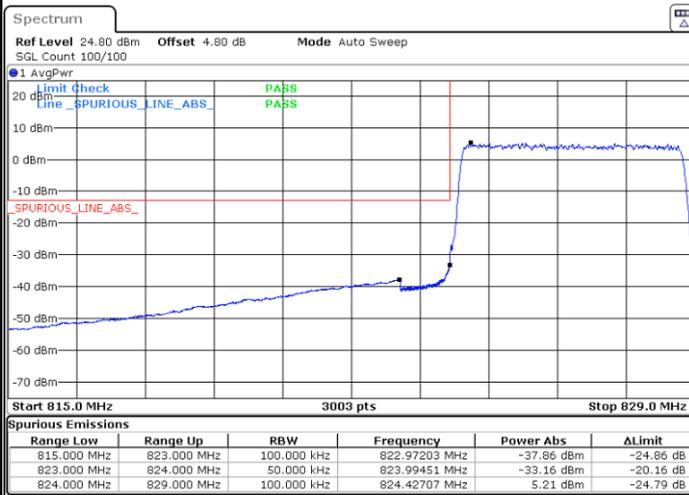
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Highest Band Edge / 1 RB



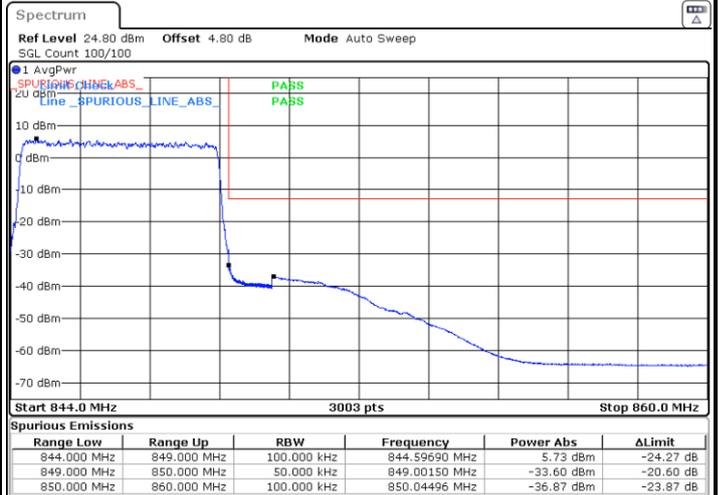
Date: 26.FEB.2025 04:00:34

Lowest Band Edge / Full RB



Date: 26.FEB.2025 03:51:36

Highest Band Edge / Full RB

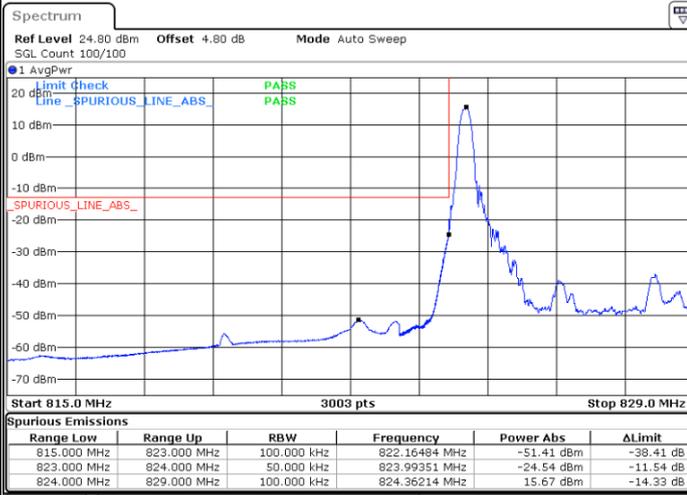


Date: 26.FEB.2025 04:01:55

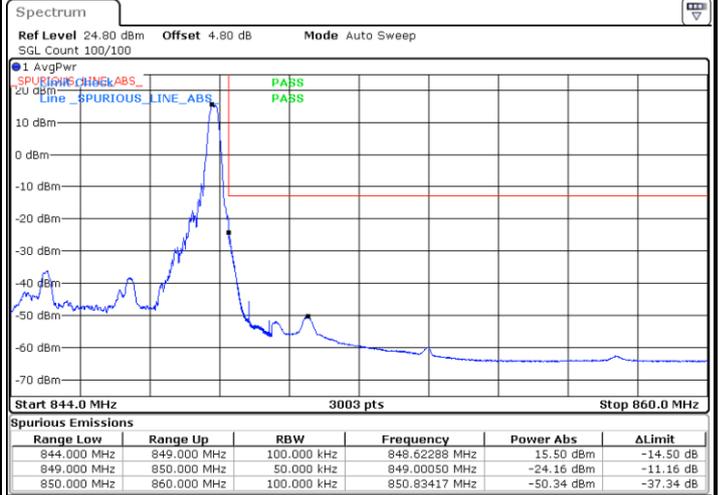


LTE Band 26 / 5MHz / 256QAM

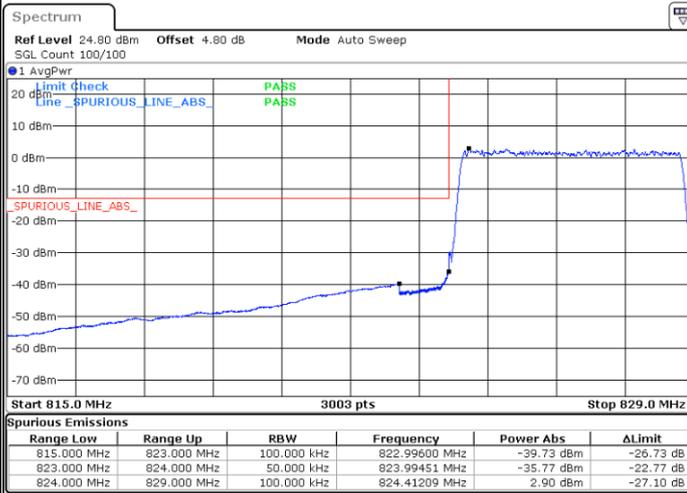
Lowest Band Edge / 1RB



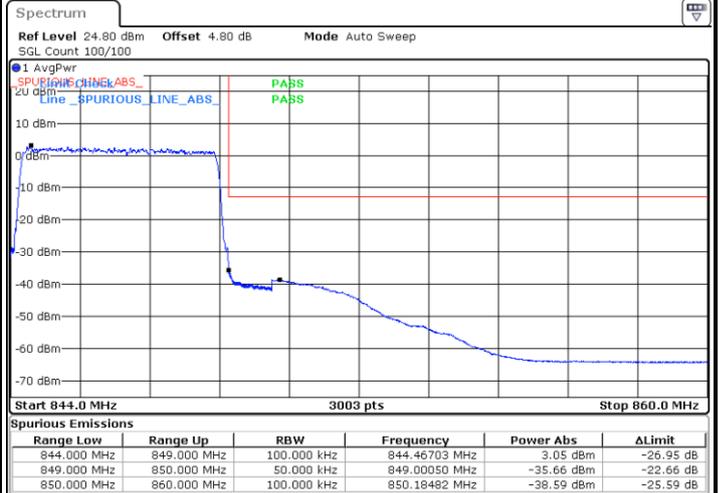
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

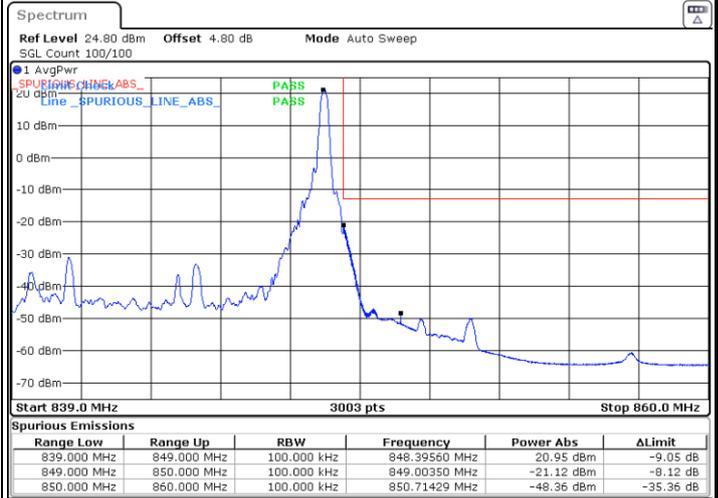
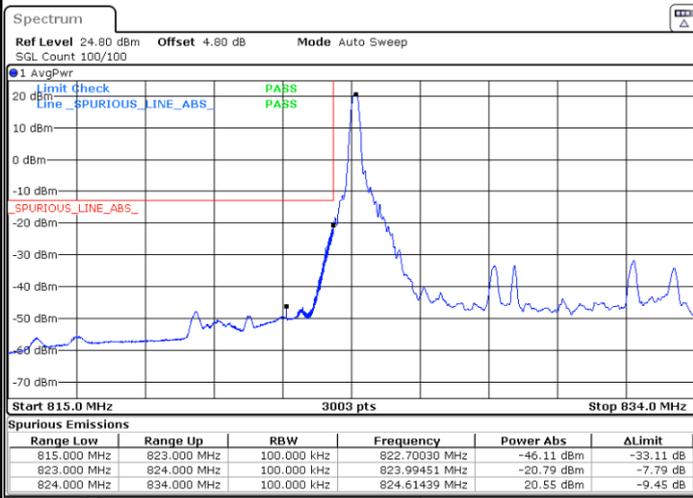




LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

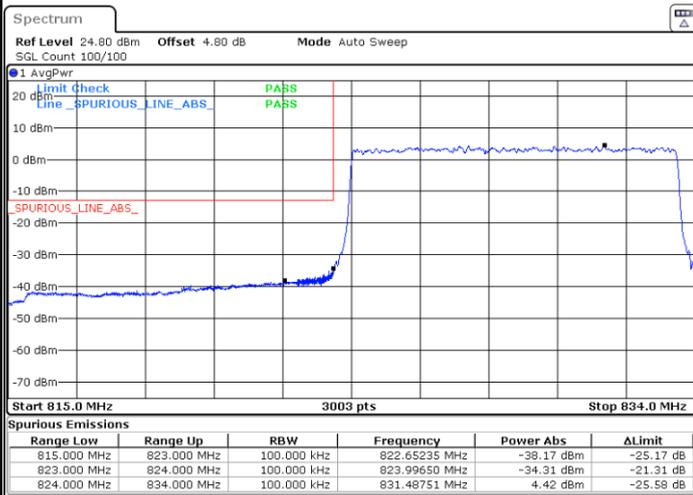


Date: 26.FEB.2025 04:07:05

Date: 26.FEB.2025 04:17:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



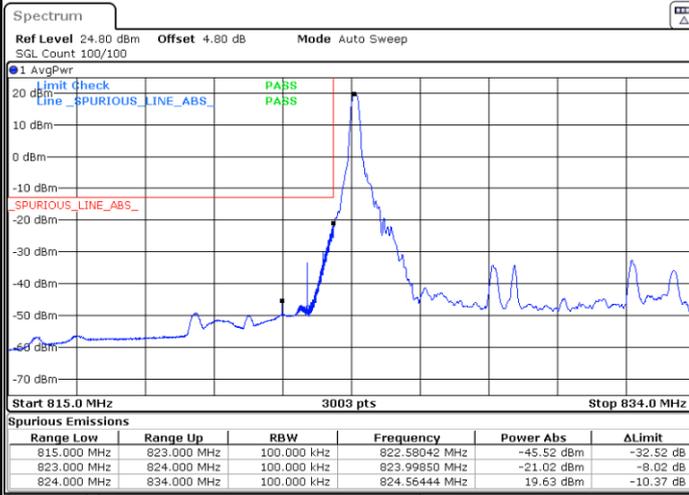
Date: 26.FEB.2025 04:13:50

Date: 26.FEB.2025 04:24:10

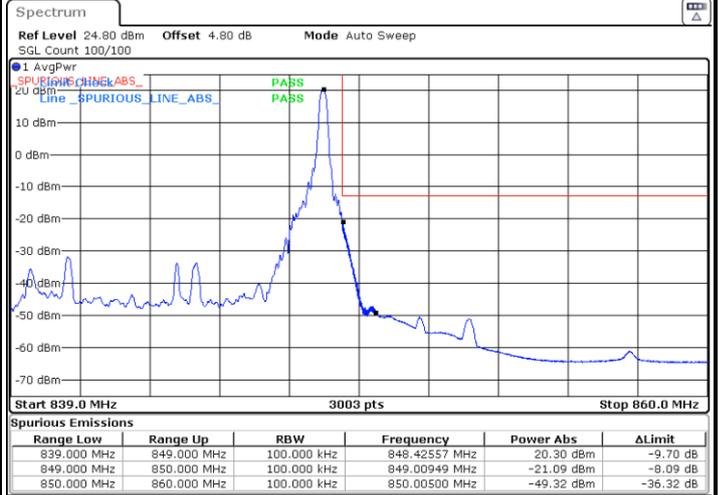


LTE Band 26 / 10MHz / 16QAM

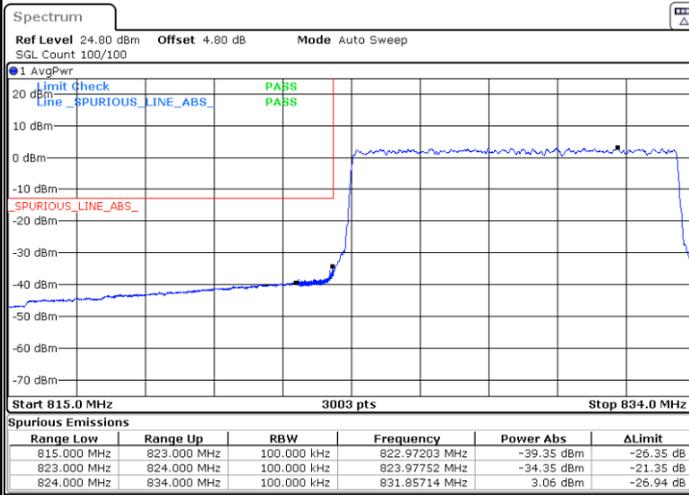
Lowest Band Edge / 1 RB



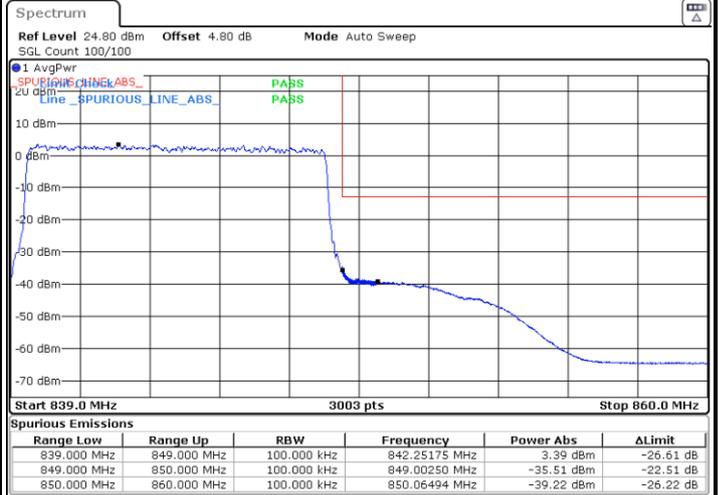
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



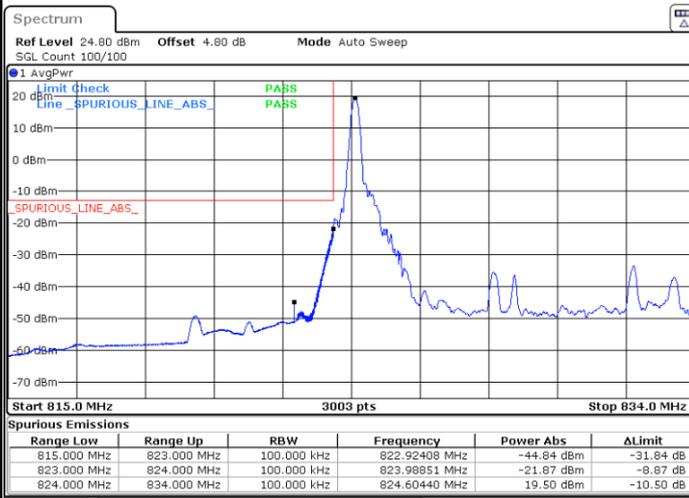
Highest Band Edge / Full RB





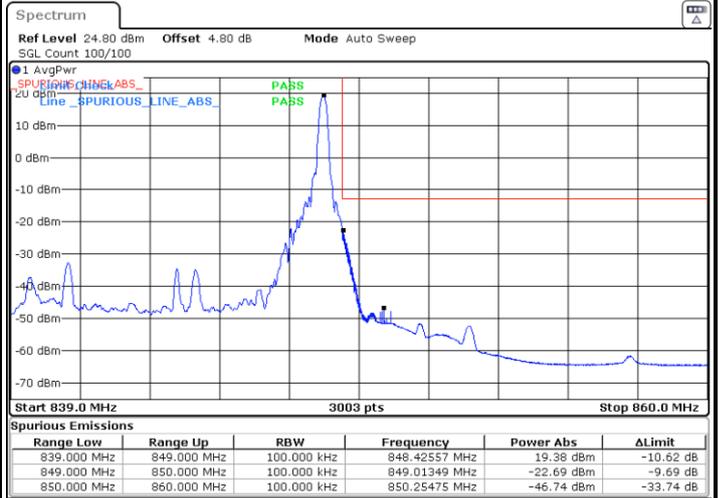
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



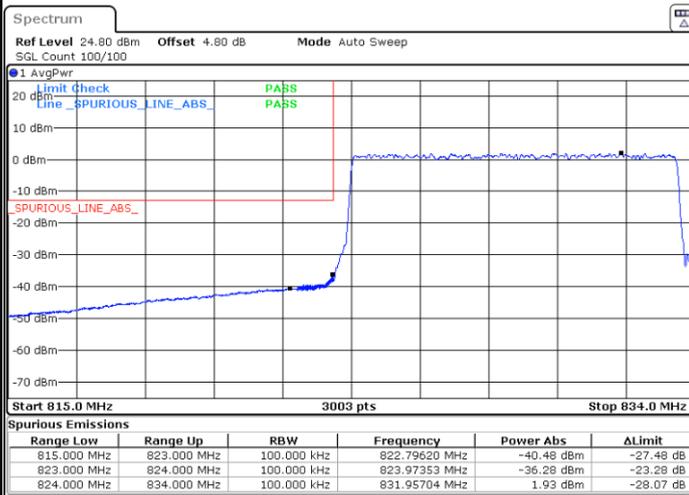
Date: 26.FEB.2025 04:09:47

Highest Band Edge / 1 RB



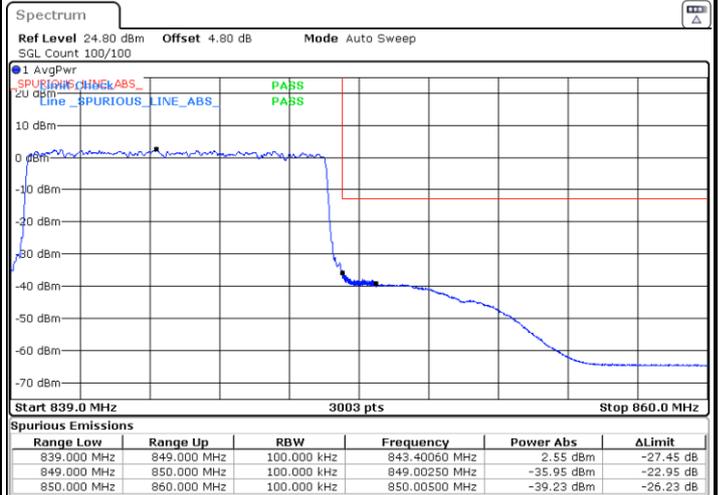
Date: 26.FEB.2025 04:20:07

Lowest Band Edge / Full RB



Date: 26.FEB.2025 04:11:08

Highest Band Edge / Full RB

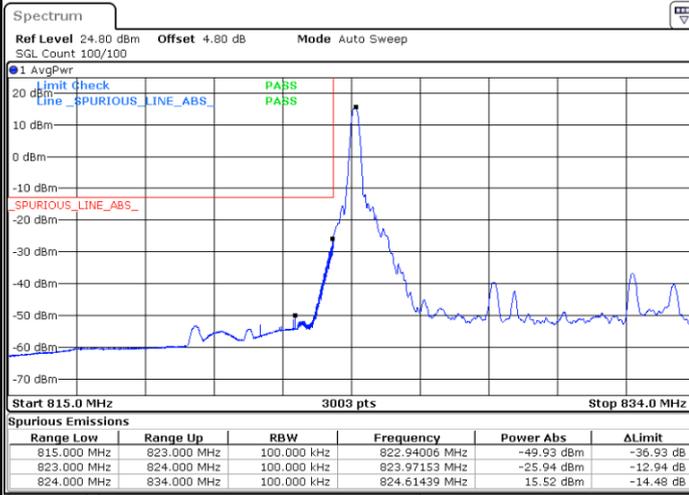


Date: 26.FEB.2025 04:21:28

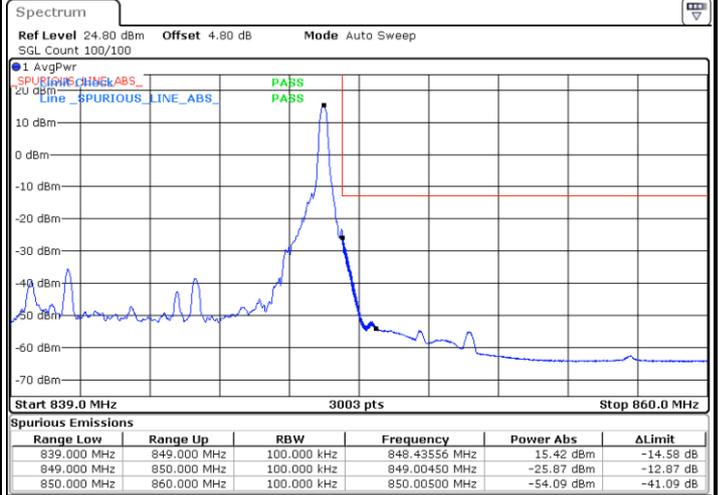


LTE Band 26 / 10MHz / 256QAM

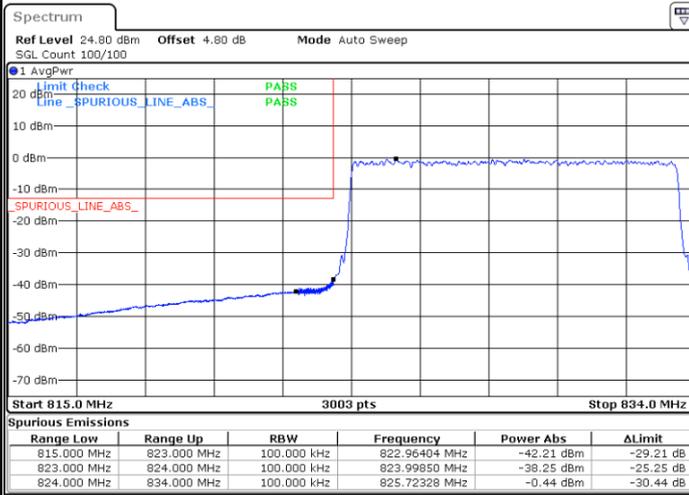
Lowest Band Edge / 1 RB



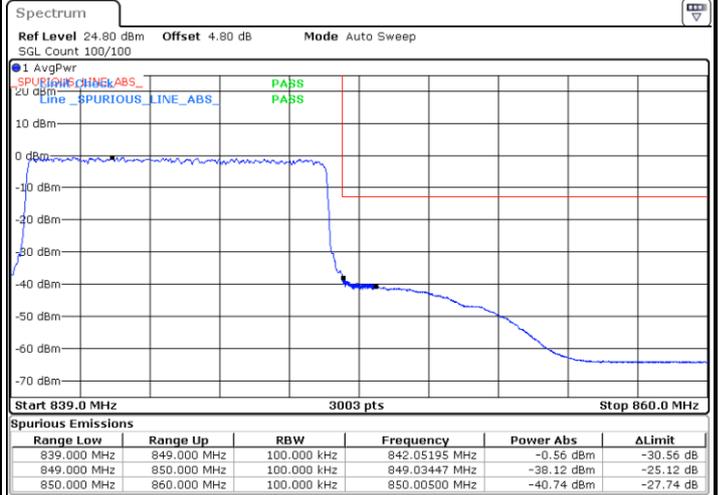
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



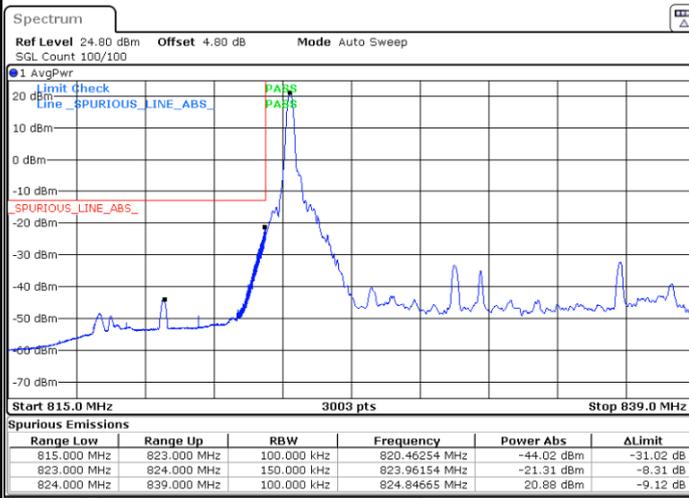
Highest Band Edge / Full RB





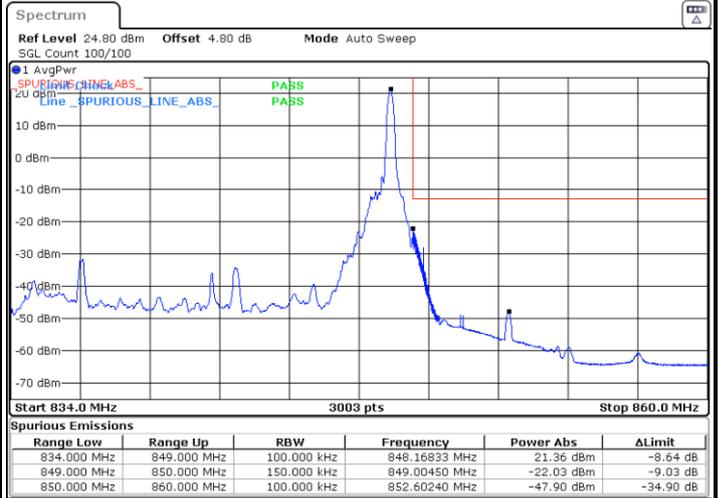
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



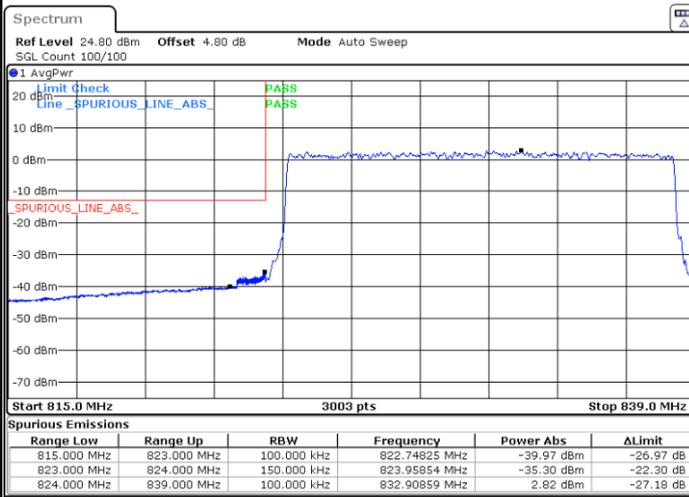
Date: 26.FEB.2025 04:28:08

Highest Band Edge / 1 RB



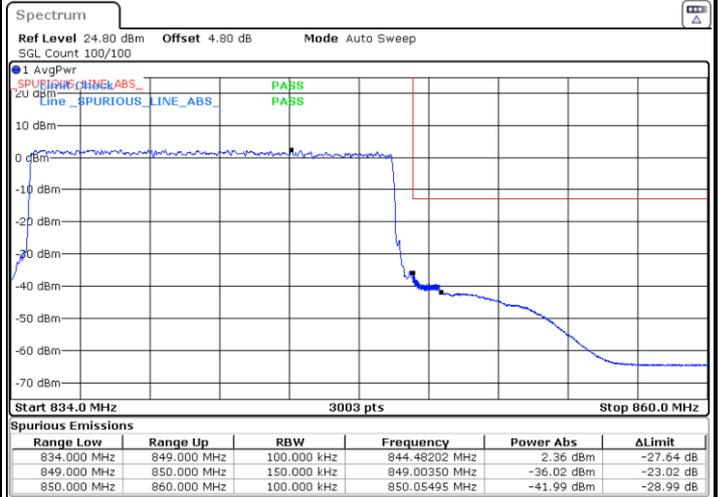
Date: 26.FEB.2025 04:38:28

Lowest Band Edge / Full RB



Date: 26.FEB.2025 04:34:55

Highest Band Edge / Full RB

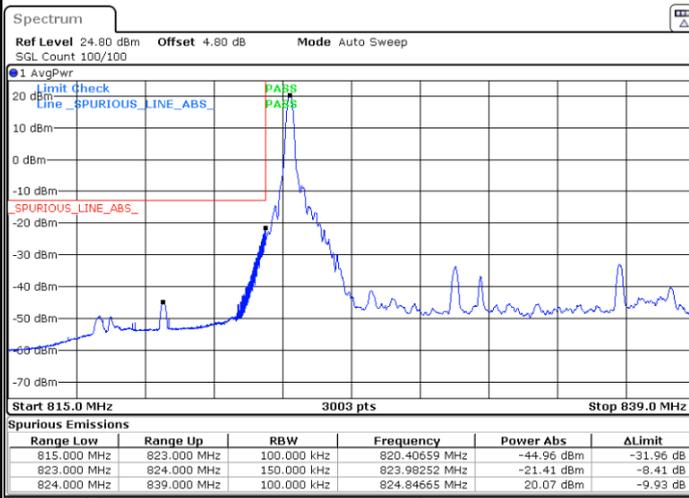


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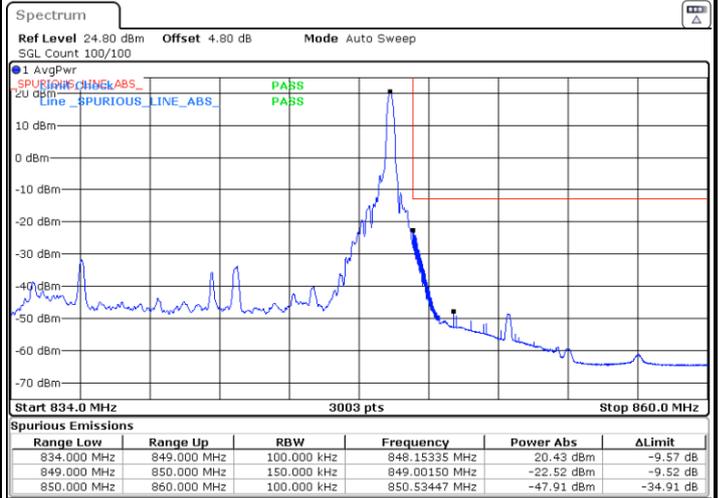


LTE Band 26 / 15MHz / 16QAM

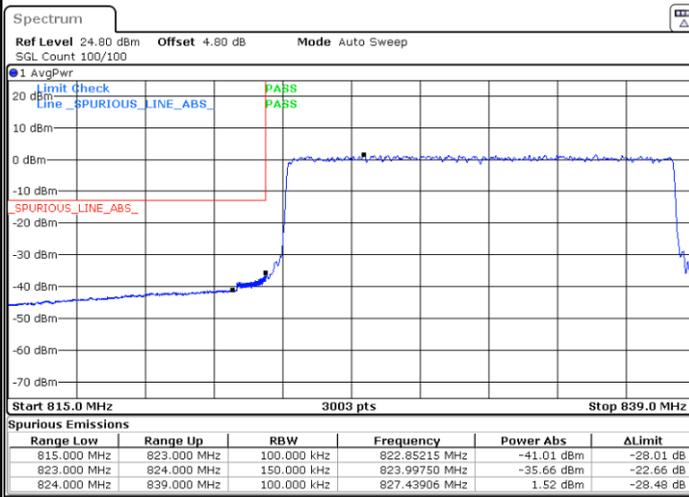
Lowest Band Edge / 1 RB



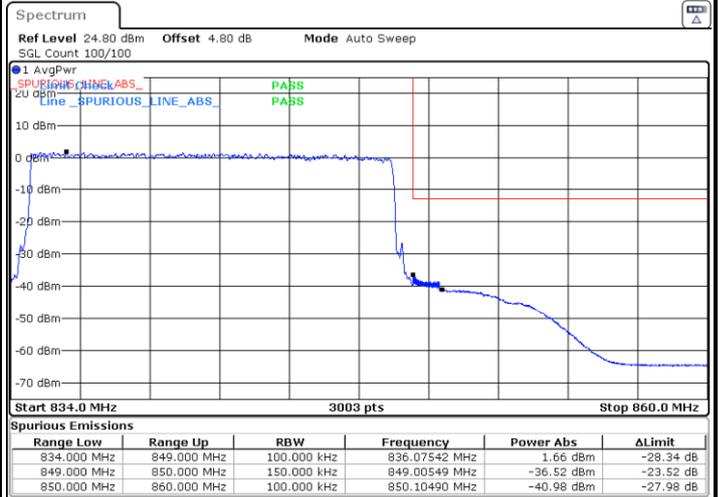
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



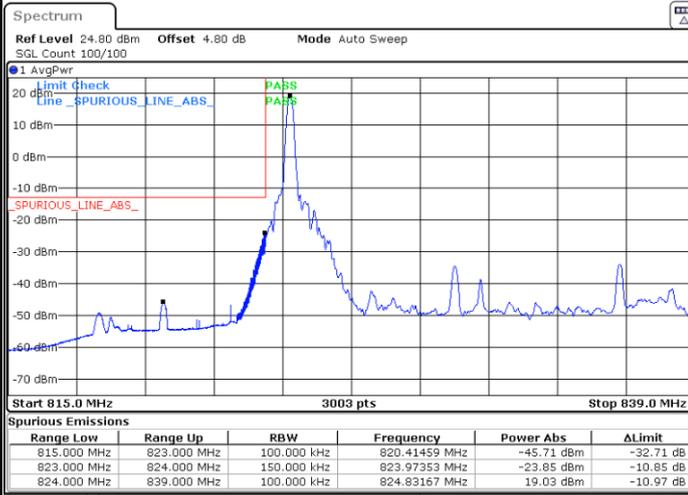
Highest Band Edge / Full RB





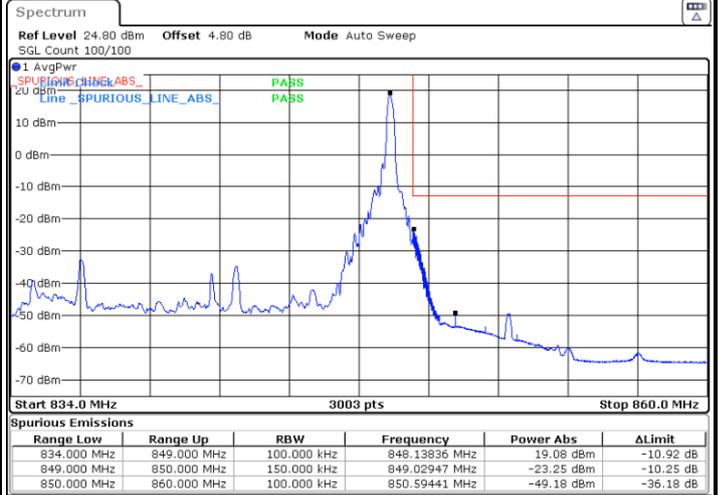
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



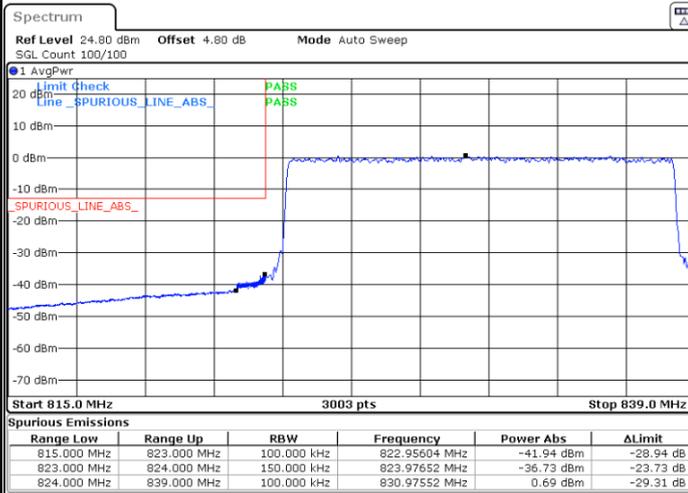
Date: 26.FEB.2025 04:30:51

Highest Band Edge / 1 RB



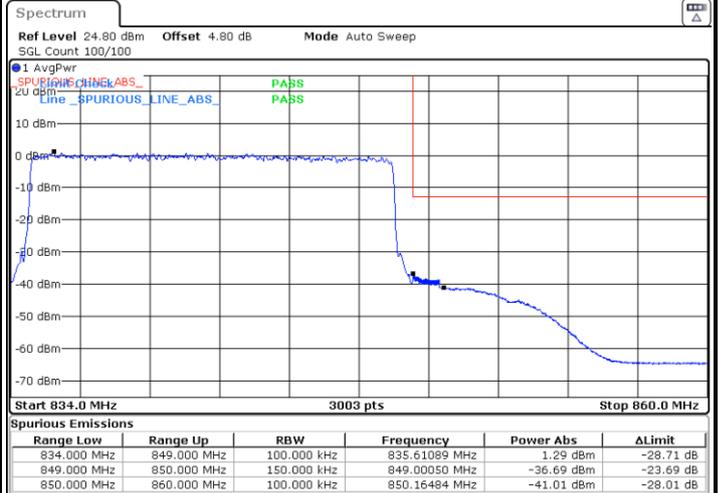
Date: 26.FEB.2025 04:41:11

Lowest Band Edge / Full RB



Date: 26.FEB.2025 04:32:12

Highest Band Edge / Full RB

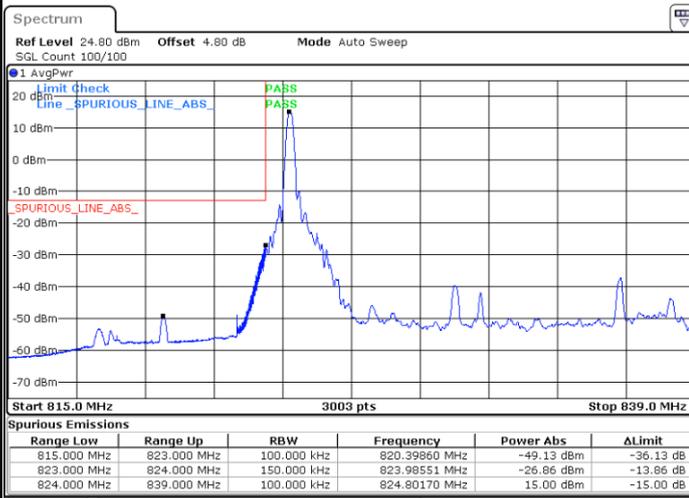


Date: 26.FEB.2025 04:42:33



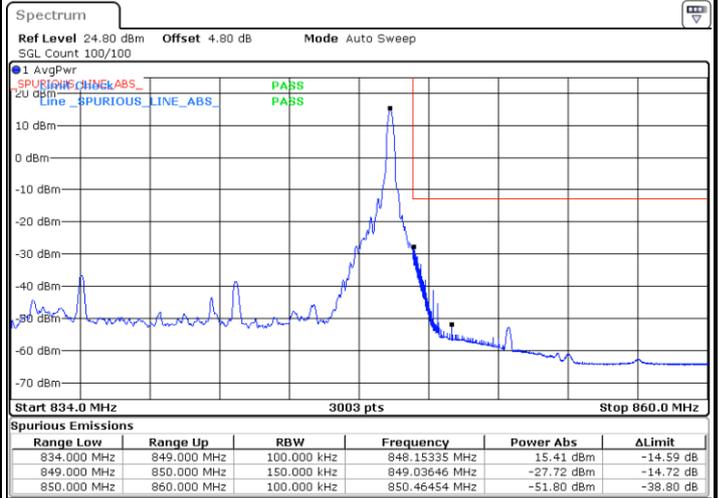
LTE Band 26 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



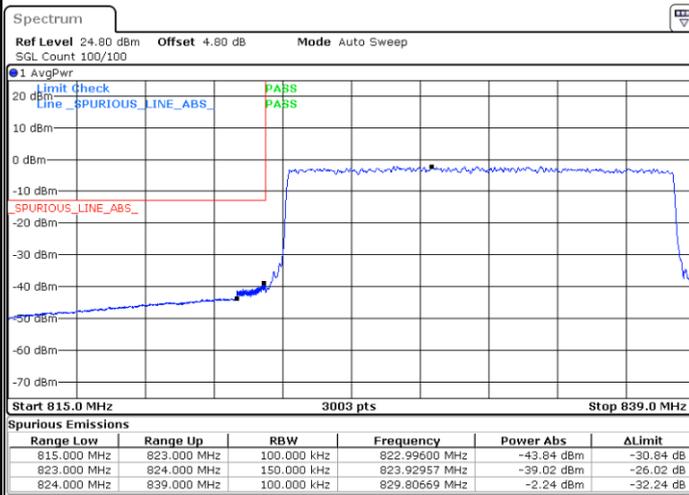
Date: 2.MAR.2025 03:33:17

Highest Band Edge / 1 RB



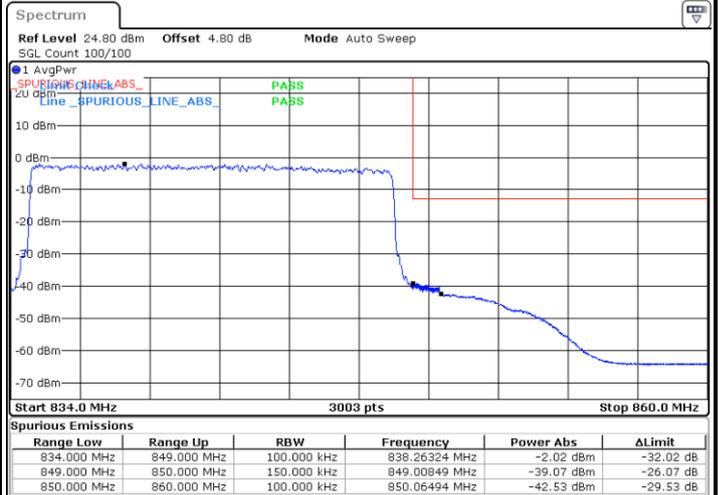
Date: 2.MAR.2025 03:36:25

Lowest Band Edge / Full RB



Date: 2.MAR.2025 03:34:24

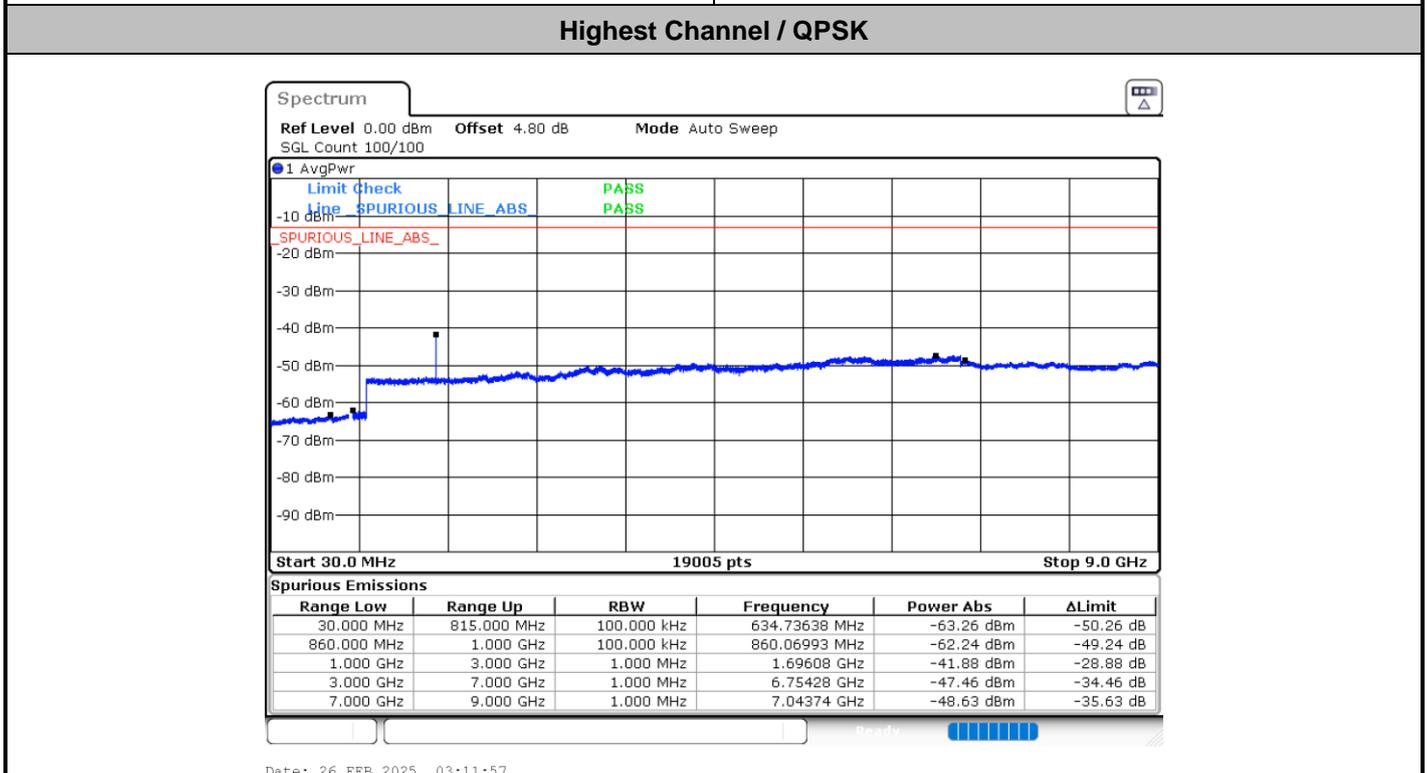
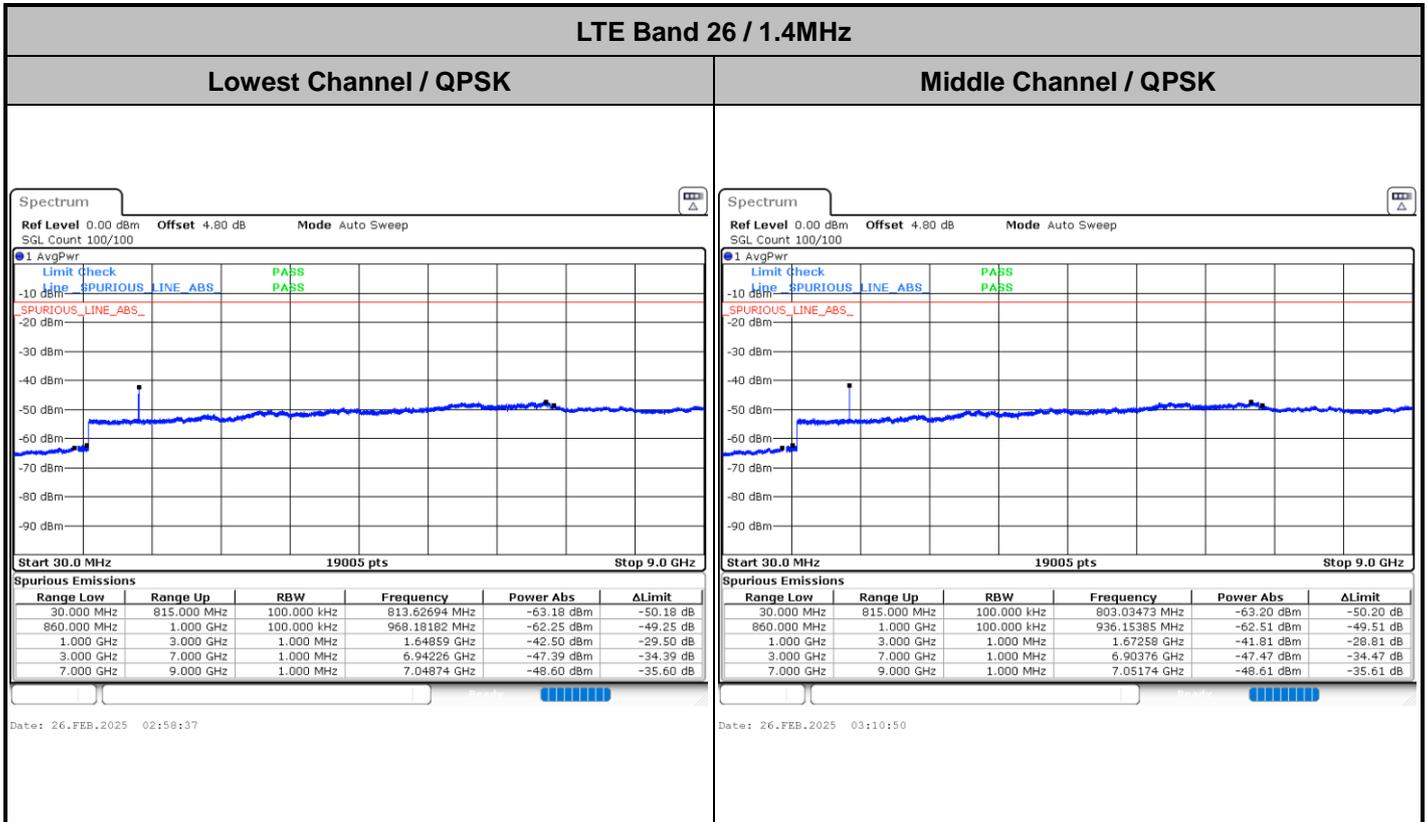
Highest Band Edge / Full RB



Date: 2.MAR.2025 03:35:29



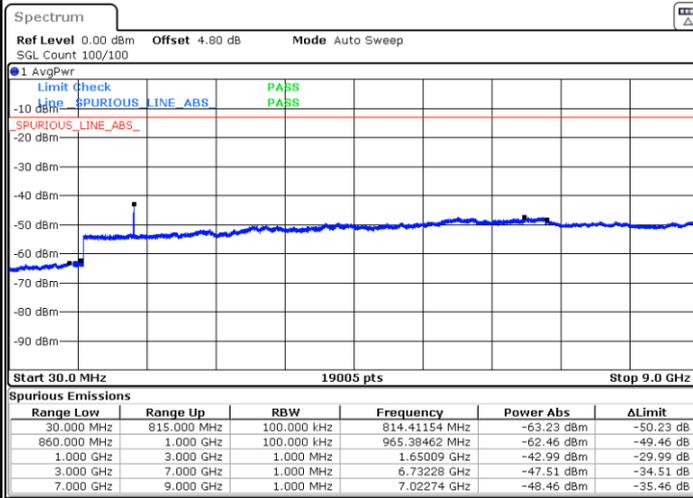
# Conducted Spurious Emission





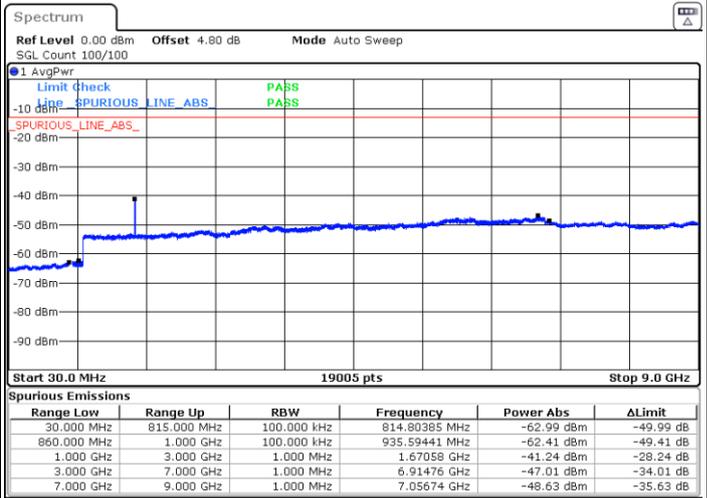
LTE Band 26 / 3MHz

Lowest Channel / QPSK



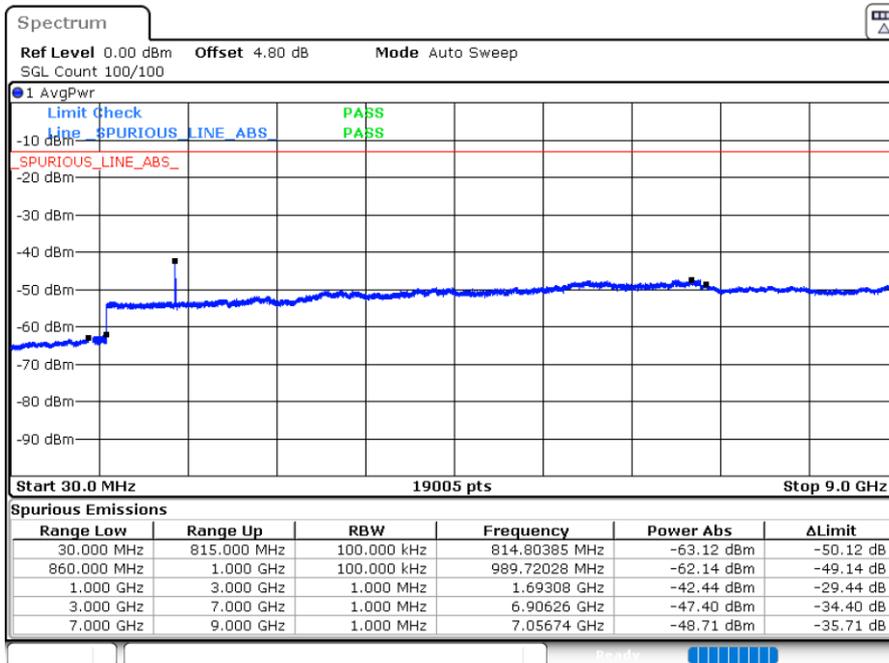
Date: 26.FEB.2025 03:24:10

Middle Channel / QPSK



Date: 26.FEB.2025 03:35:53

Highest Channel / QPSK



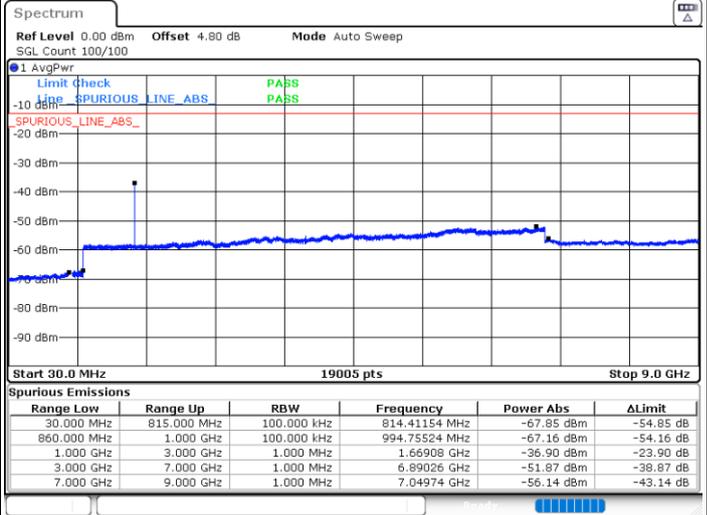
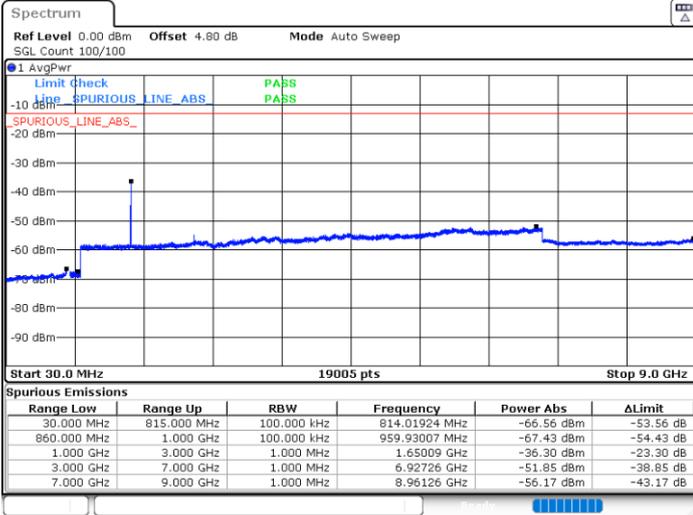
Date: 26.FEB.2025 03:36:59



LTE Band 26 / 5MHz

Lowest Channel / QPSK

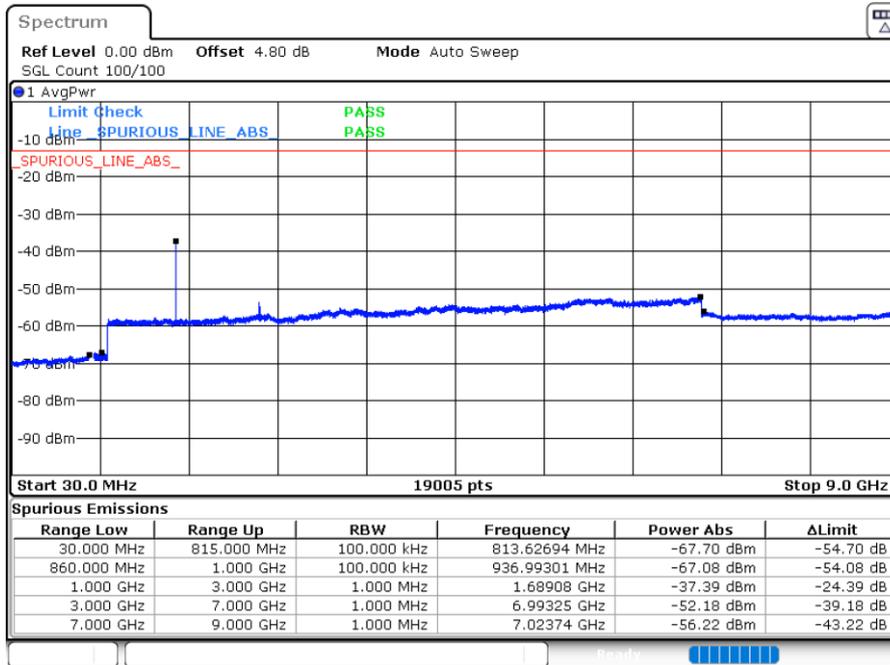
Middle Channel / QPSK



Date: 26.FEB.2025 03:46:12

Date: 26.FEB.2025 03:55:25

Highest Channel / QPSK



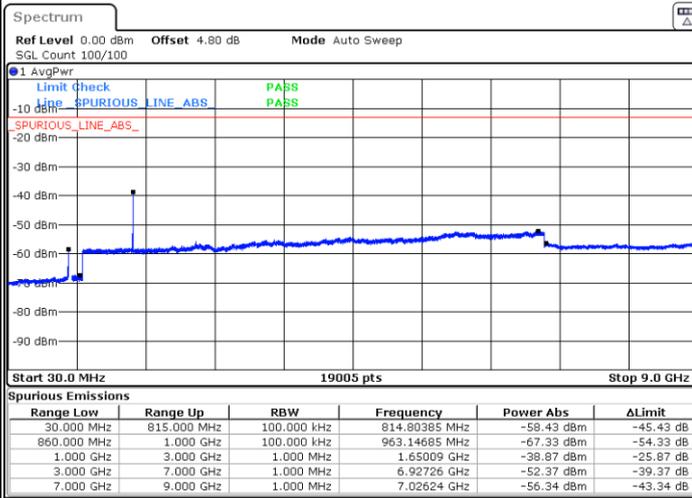
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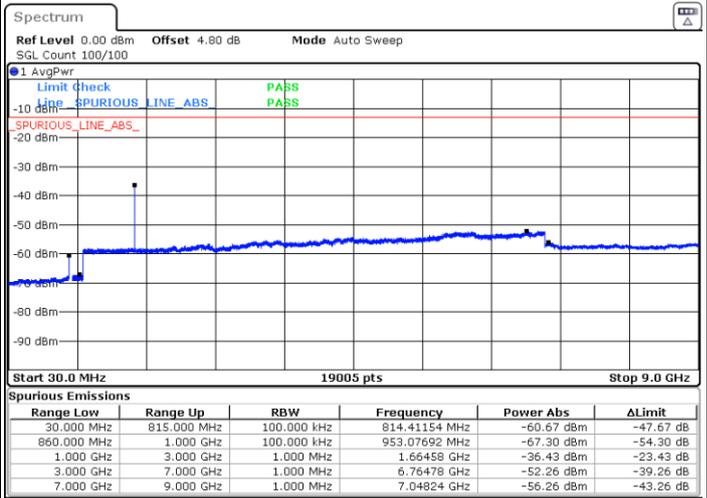
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

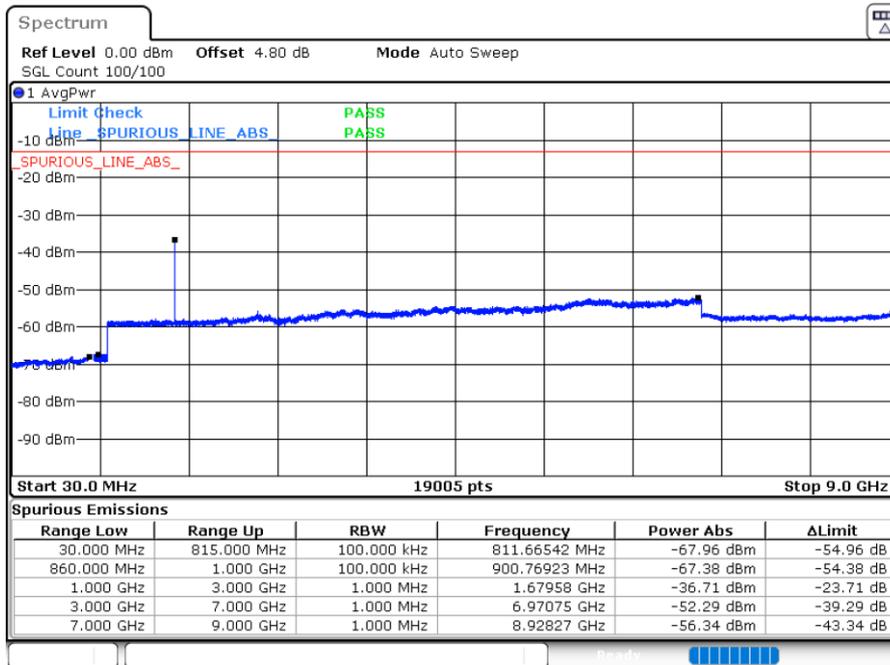


Date: 26.FEB.2025 04:05:44



Date: 26.FEB.2025 04:14:57

Highest Channel / QPSK



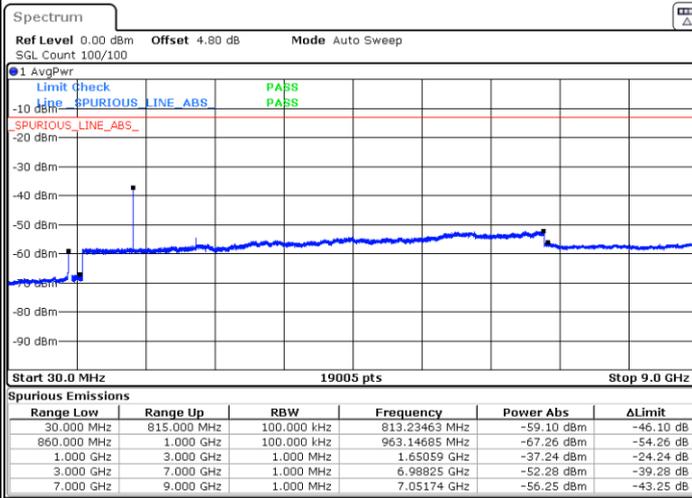
Date: 26.FEB.2025 04:16:03



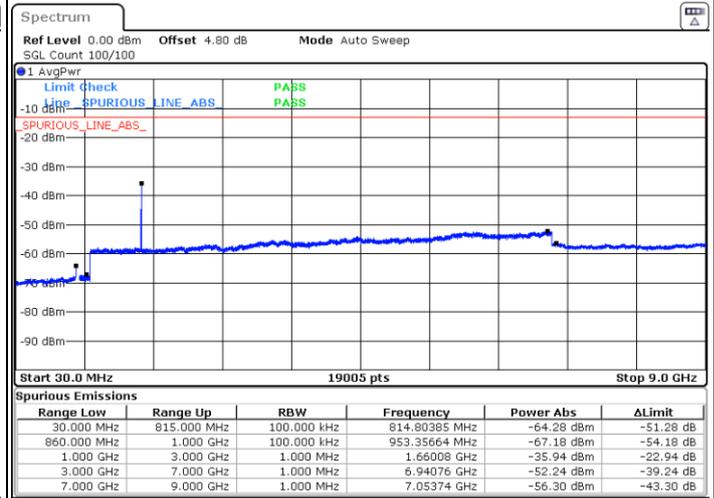
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

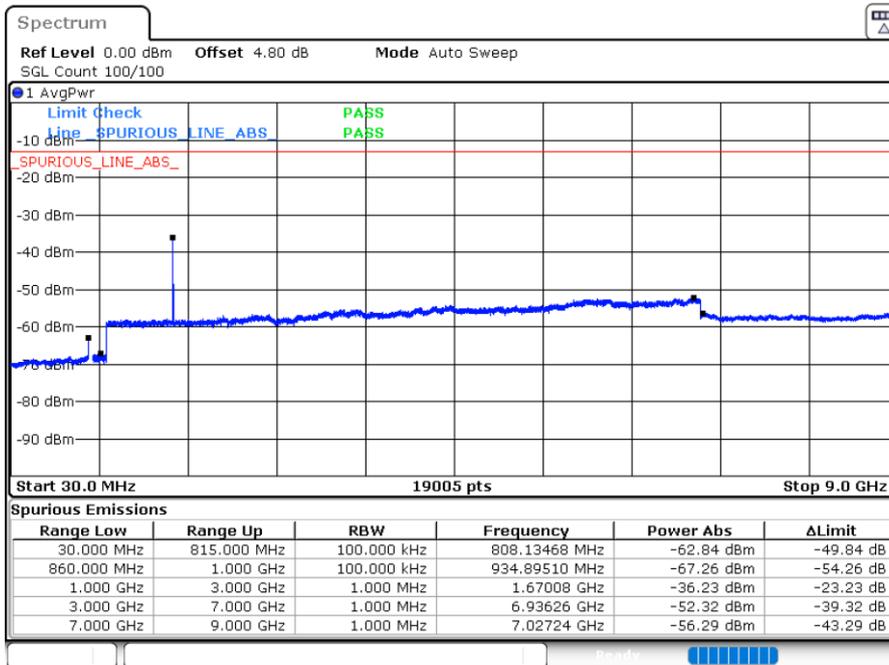


Date: 26.FEB.2025 04:26:47



Date: 26.FEB.2025 04:36:00

Highest Channel / QPSK



Date: 26.FEB.2025 04:37:06



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0041	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0025	

Note: Normal Voltage =3.91 V.; Battery End Point (BEP) =3.6V.; Maximum Voltage =4.5V.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

#### Sample 1

LTE Band 12 / 10MHz / QPSK / ANT4									
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	1406	-60.96	-13	-47.96	-71.69	-64.21	4.00	9.40	H
	2109	-47.82	-13	-34.82	-60.86	-51.39	4.88	10.60	H
	2812	-61.78	-13	-48.78	-77.80	-66.71	5.52	12.60	H
	1406	-62.84	-13	-49.84	-73.13	-66.09	4.00	9.40	V
	2109	-51.40	-13	-38.40	-64.39	-54.97	4.88	10.60	V
	2812	-61.53	-13	-48.53	-77.74	-66.46	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK / ANT4									
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	-54.58	-42.15	-12.43	-64.60	-57.83	4.00	9.40	H
	2339.25	-48.06	-13	-35.06	-62.81	-51.63	4.88	10.60	H
	3119	-61.11	-13	-48.11	-78.24	-66.04	5.52	12.60	H
	1559.5	-52.75	-42.15	-10.60	-62.85	-56.00	4.00	9.40	V
	2339.25	-49.21	-13	-36.21	-63.96	-52.78	4.88	10.60	V
	3119	-60.94	-13	-47.94	-78.11	-65.87	5.52	12.60	V

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

LTE Band 26 / 20MHz / QPSK / ANT4									
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	1659.5	-62.30	-13	-49.30	-72.24	-65.55	4.00	9.40	H
	2489.25	-57.20	-13	-44.20	-71.63	-60.77	4.88	10.60	H
	3319	-61.79	-13	-48.79	-78.12	-66.72	5.52	12.60	H
	1659.5	-60.78	-13	-47.78	-70.32	-64.03	4.00	9.40	V
	2489.25	-55.56	-13	-42.56	-69.95	-59.13	4.88	10.60	V
	3319	-62.03	-13	-49.03	-78.14	-66.96	5.52	12.60	V

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



Sample 2

LTE Band 13 / 10MHz / QPSK / ANT4									
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	-60.62	-42.15	-18.47	-70.64	-63.87	4.00	9.40	H
	2339.25	-57.04	-13	-44.04	-71.79	-60.61	4.88	10.60	H
	3119	-60.73	-13	-47.73	-77.86	-65.66	5.52	12.60	H
	1559.5	-58.78	-42.15	-16.63	-68.88	-62.03	4.00	9.40	V
	2339.25	-57.34	-13	-44.34	-72.09	-60.91	4.88	10.60	V
	3119	-60.91	-13	-47.91	-78.08	-65.84	5.52	12.60	V

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