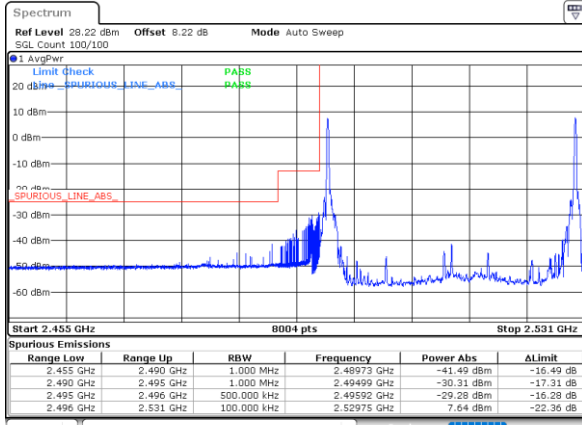




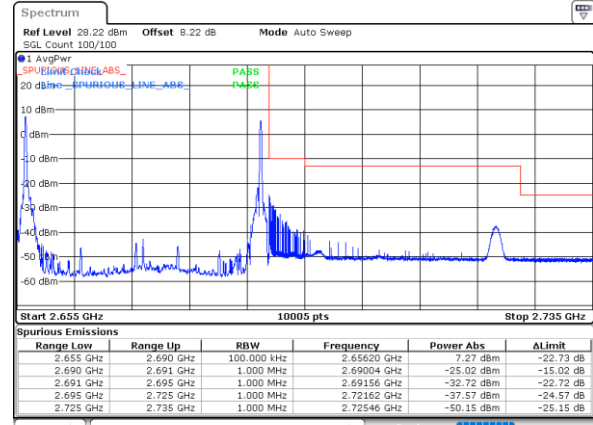
LTE Band 41C / 20MHz+15MHz

QPSK

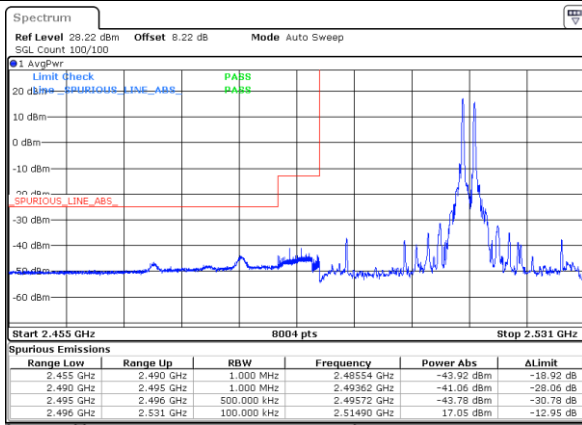
Lowest Band Edge / 1RB0 and 1RB74



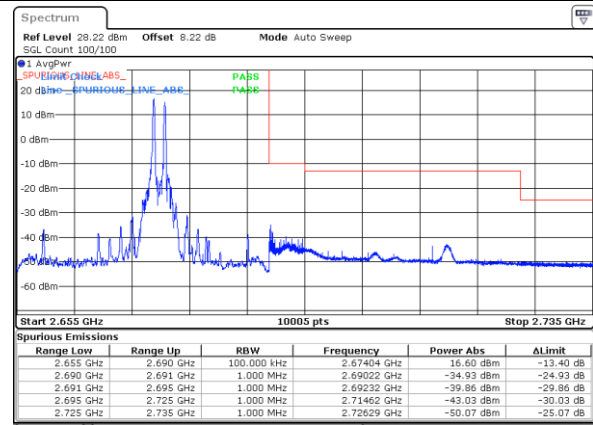
Highest Band Edge / 1RB0 and 1RB74



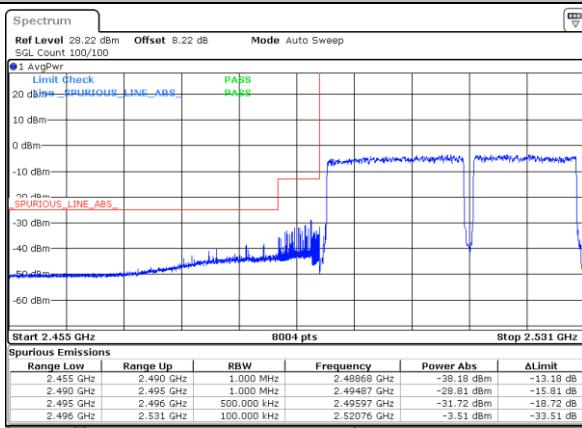
Lowest Band Edge / 1RB99 and 1RB0



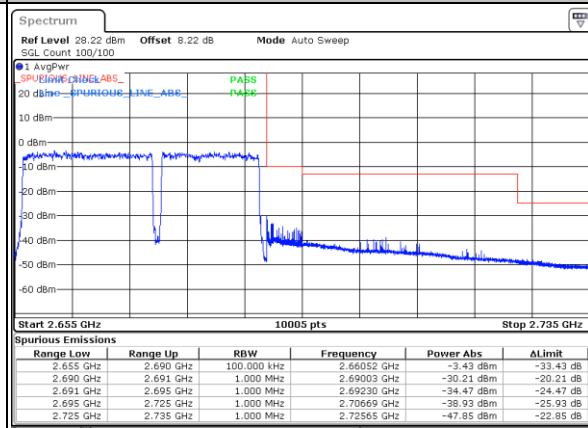
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

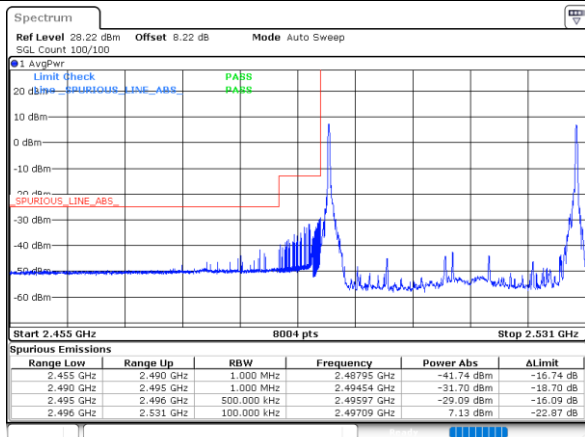




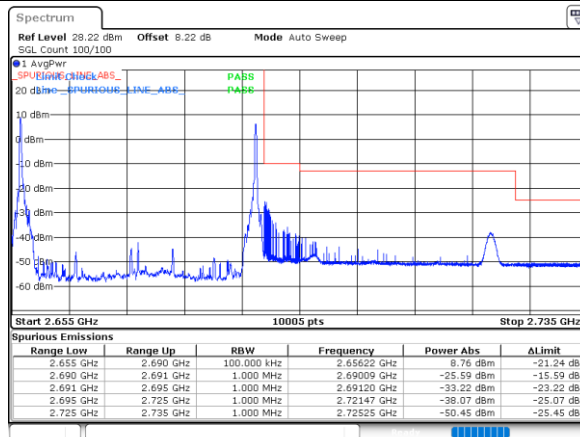
LTE Band 41C / 20MHz+15MHz

16QAM

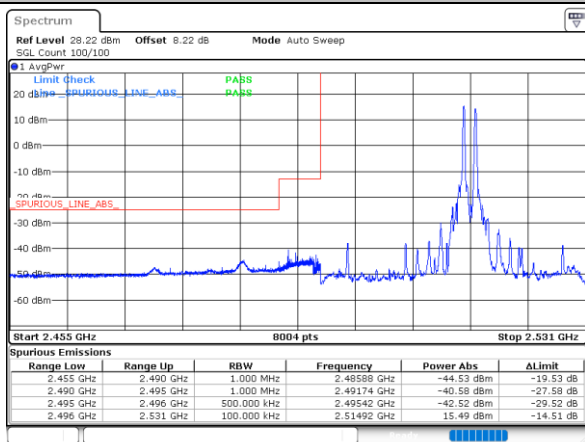
Lowest Band Edge / 1RB0 and 1RB74



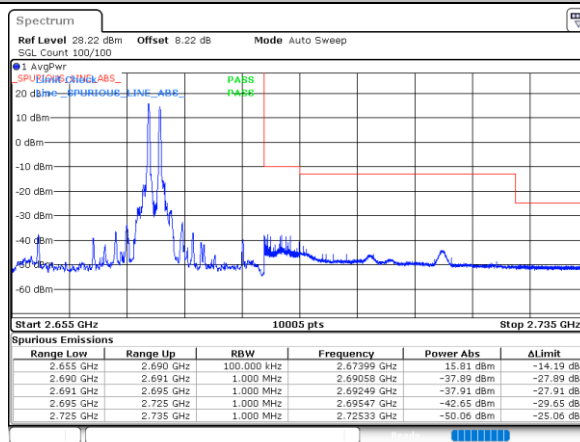
Highest Band Edge / 1RB0 and 1RB74



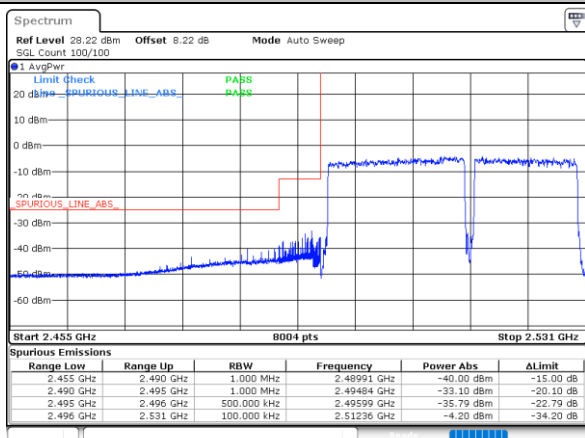
Lowest Band Edge / 1RB99 and 1RB0



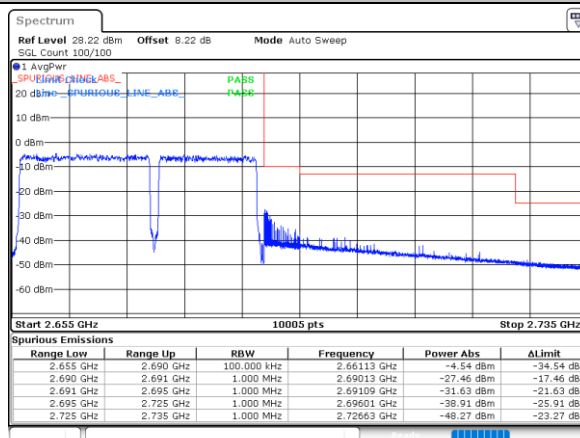
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

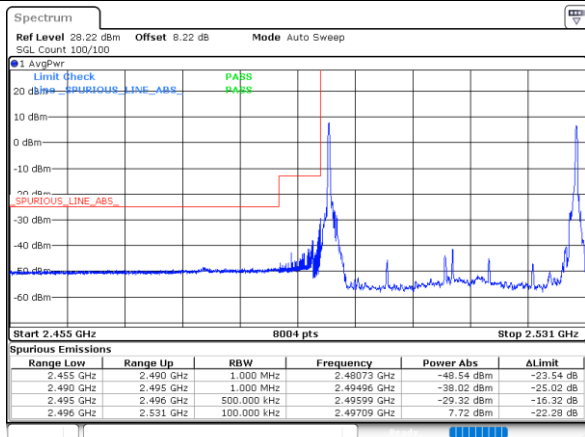




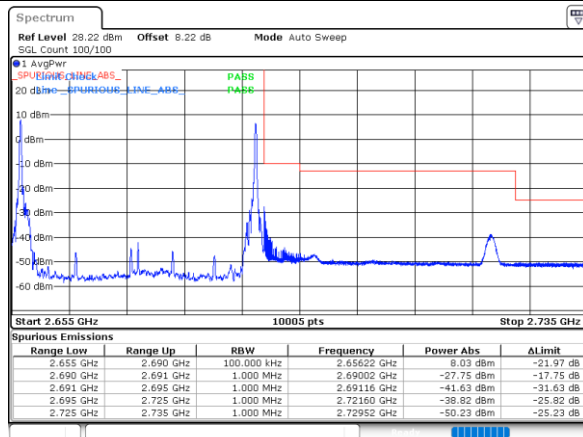
LTE Band 41C / 20MHz+15MHz

64QAM

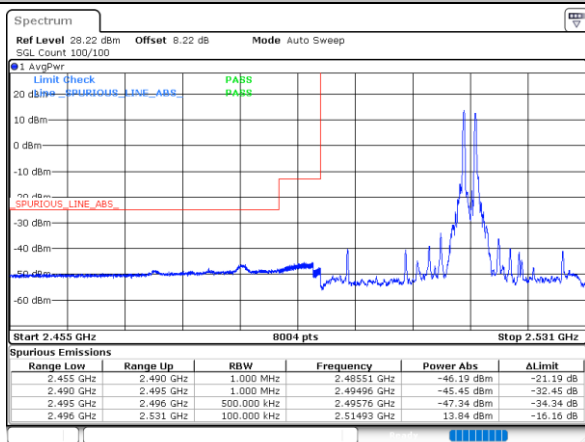
Lowest Band Edge / 1RB0 and 1RB74



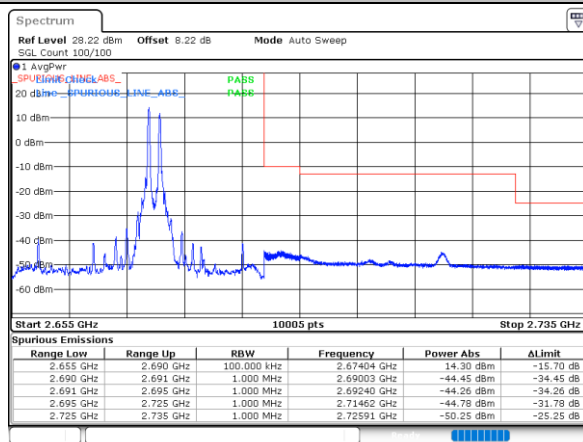
Highest Band Edge / 1RB0 and 1RB74



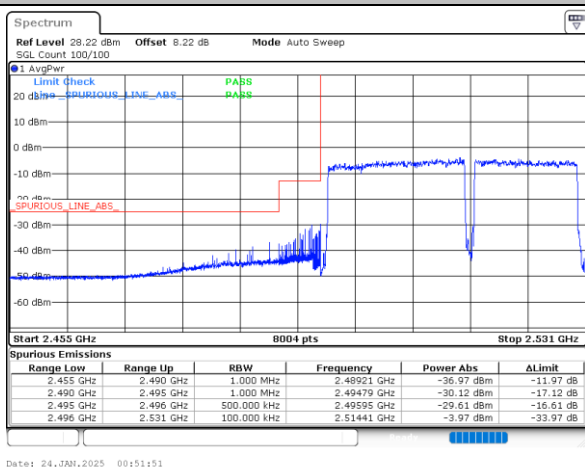
Lowest Band Edge / 1RB99 and 1RB0



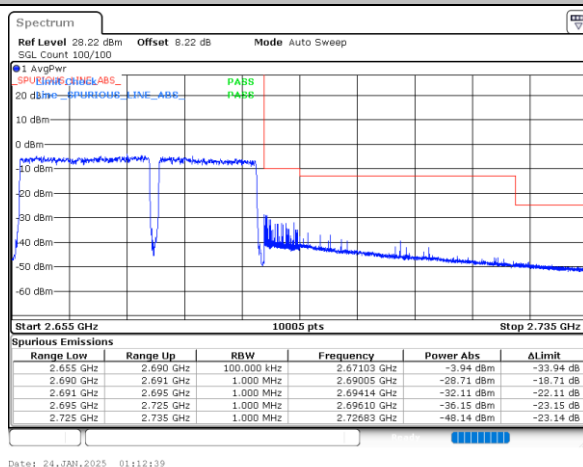
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

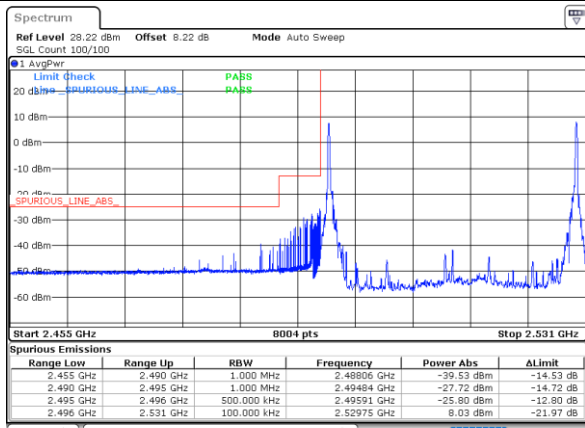




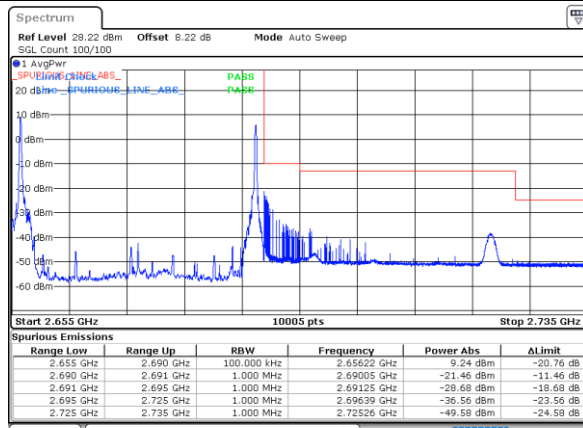
LTE Band 41C / 20MHz+15MHz

256QAM

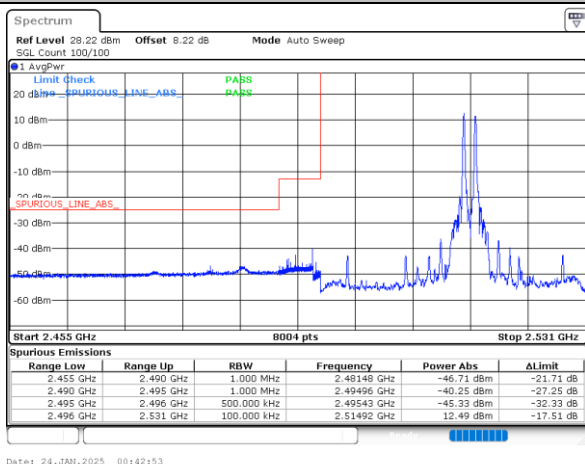
Lowest Band Edge / 1RB0 and 1RB74



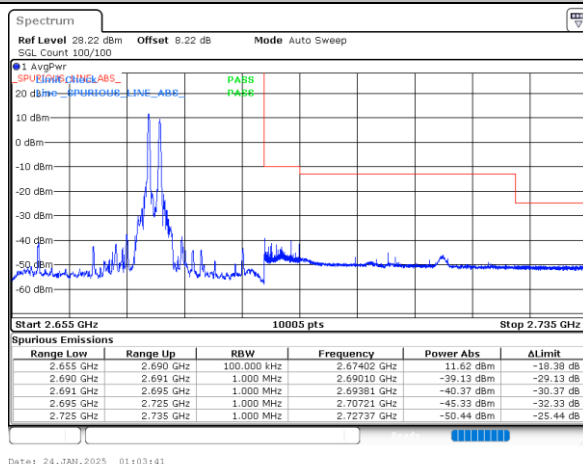
Highest Band Edge / 1RB0 and 1RB74



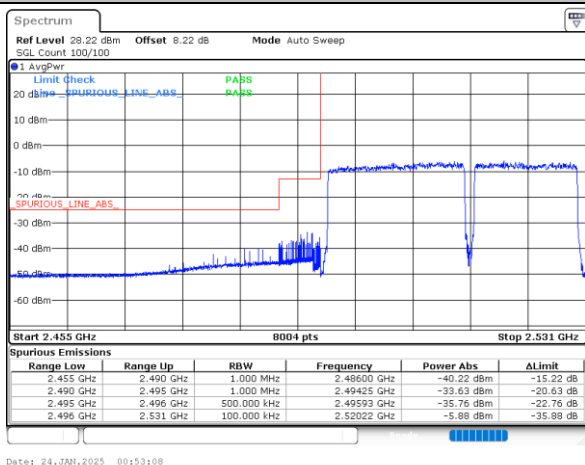
Lowest Band Edge / 1RB99 and 1RB0



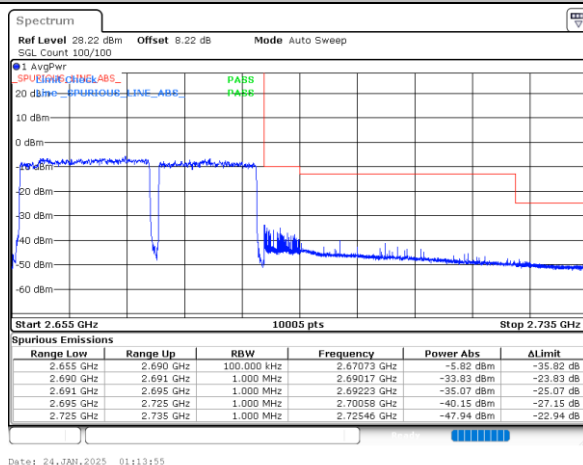
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

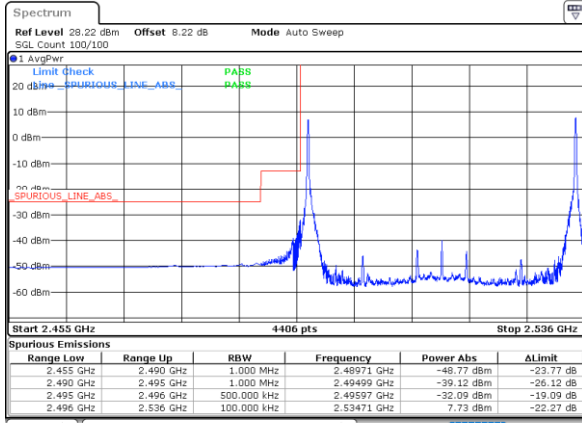




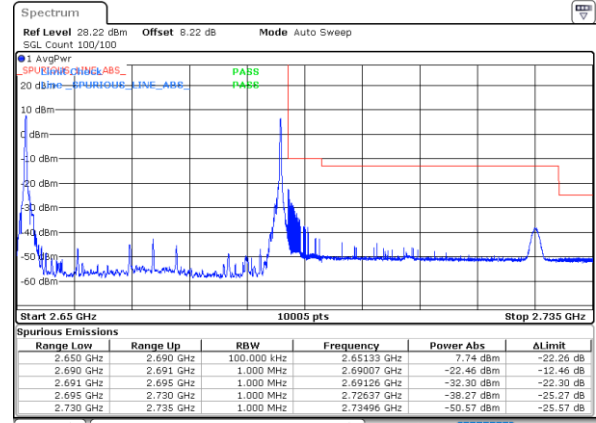
LTE Band 41C / 20MHz+20MHz

QPSK

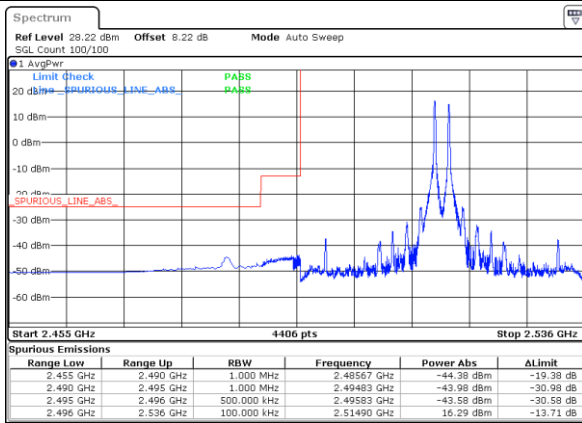
Lowest Band Edge / 1RB0 and 1RB99



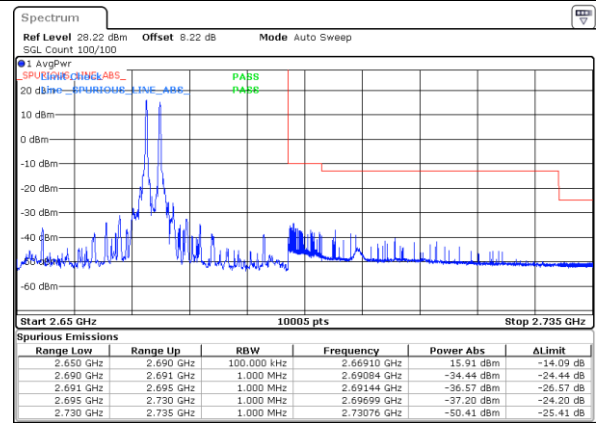
Highest Band Edge / 1RB0 and 1RB99



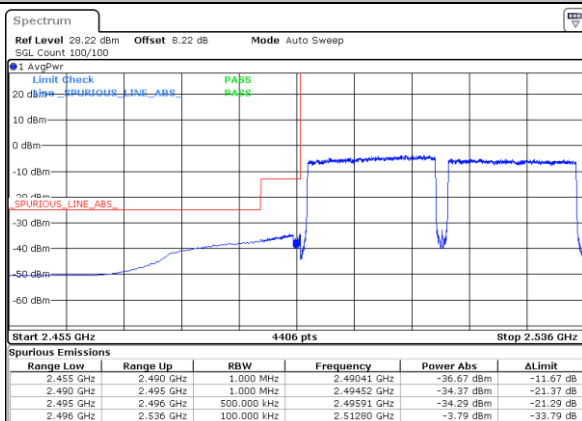
Lowest Band Edge / 1RB99 and 1RB0



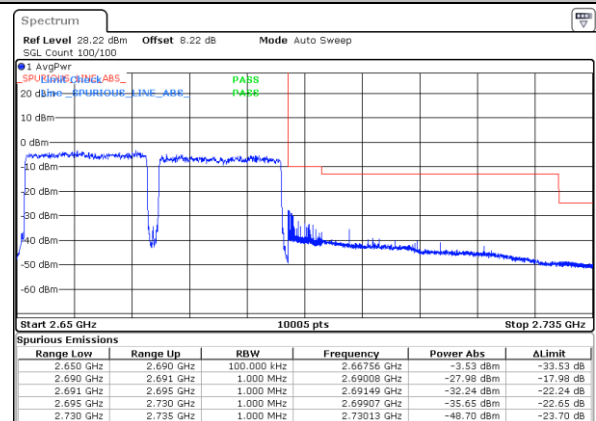
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

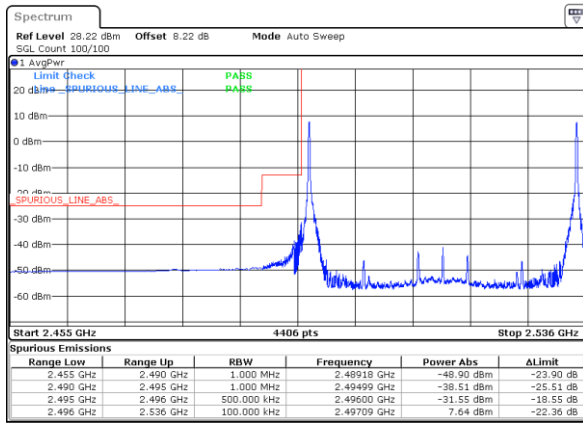




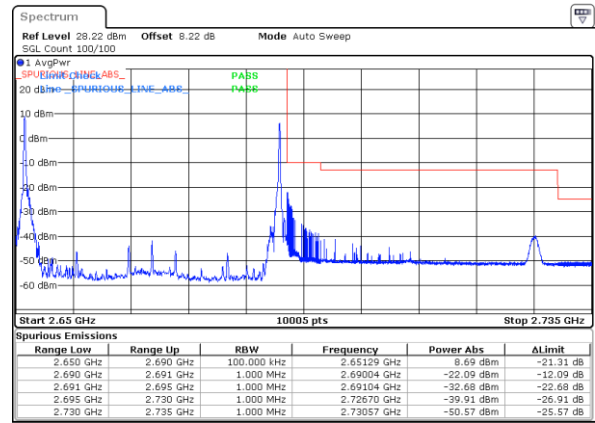
LTE Band 41C / 20MHz+20MHz

16QAM

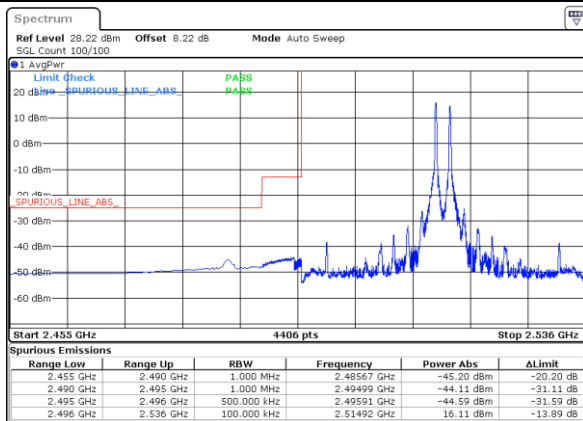
Lowest Band Edge / 1RB0 and 1RB99



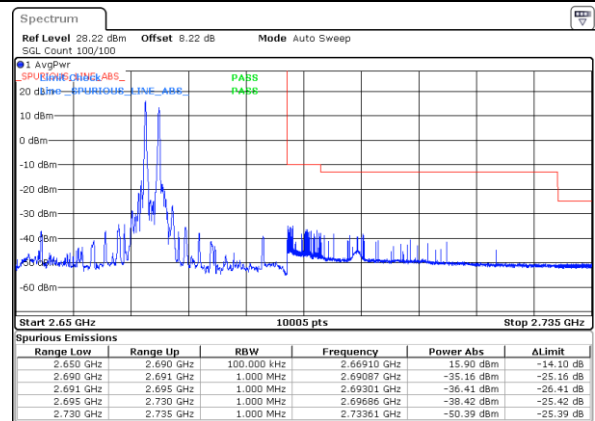
Highest Band Edge / 1RB0 and 1RB99



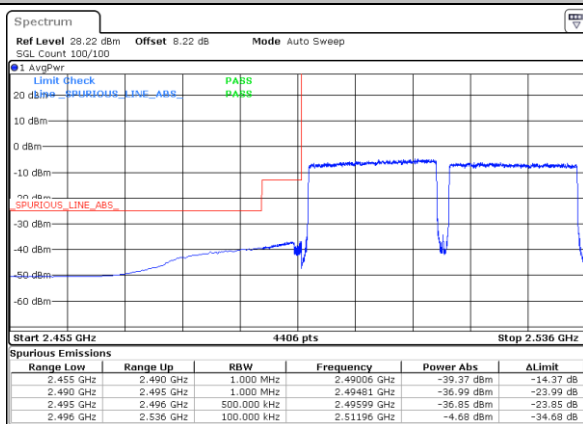
Lowest Band Edge / 1RB99 and 1RB0



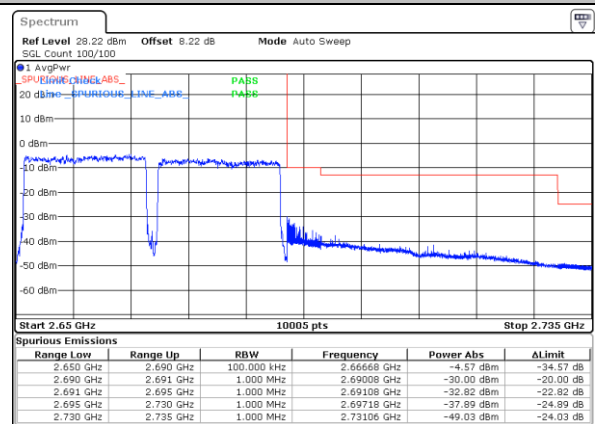
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

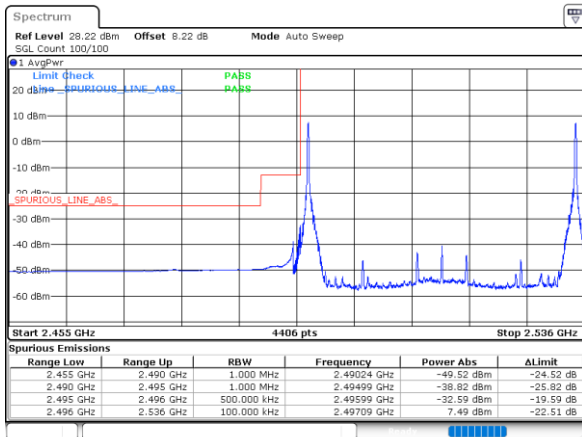




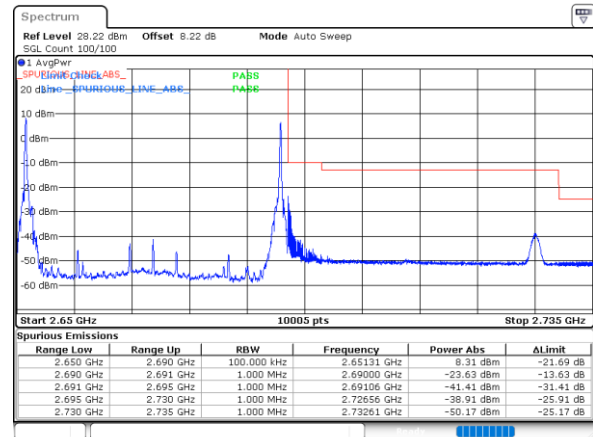
LTE Band 41C / 20MHz+20MHz

64QAM

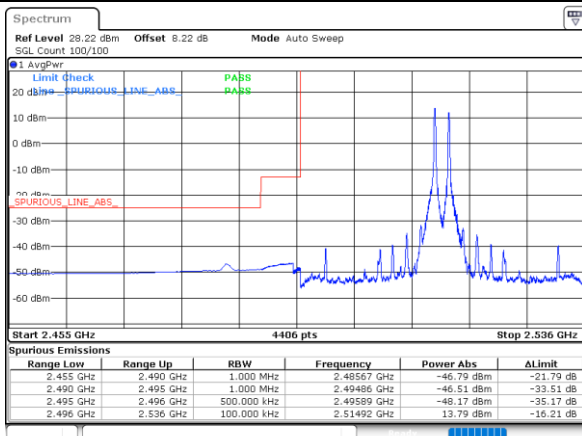
Lowest Band Edge / 1RB0 and 1RB99



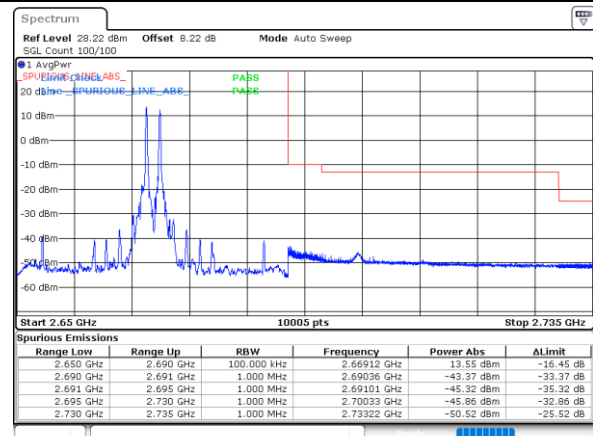
Highest Band Edge / 1RB0 and 1RB99



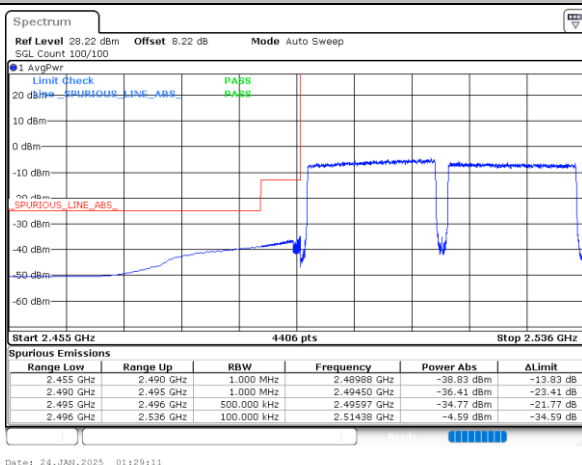
Lowest Band Edge / 1RB99 and 1RB0



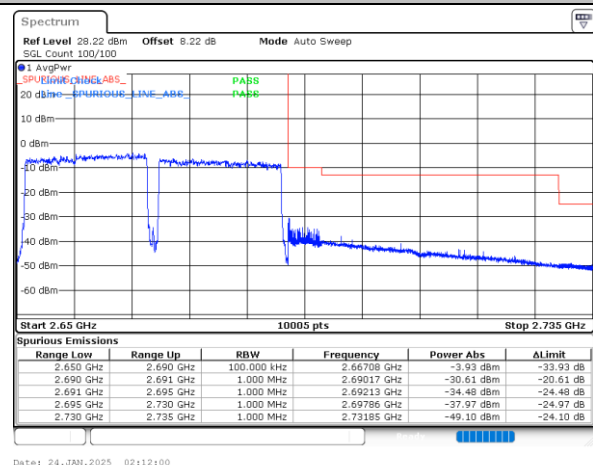
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

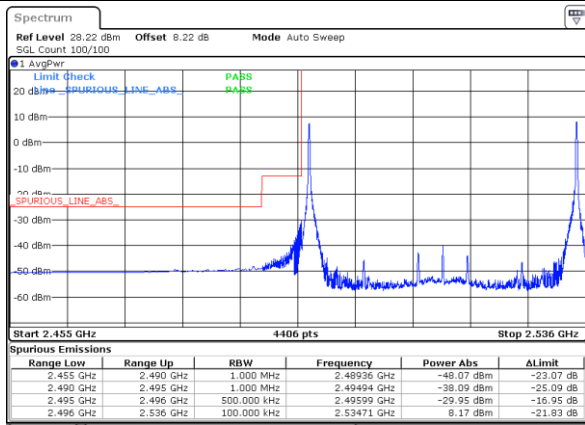




LTE Band 41C / 20MHz+20MHz

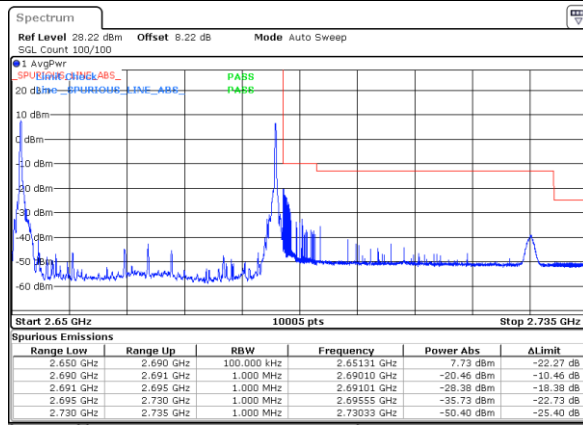
256QAM

Lowest Band Edge / 1RB0 and 1RB99



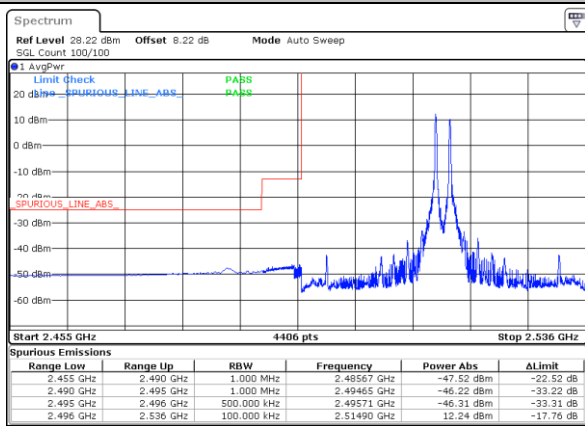
Date: 24.JAN.2025 01:25:25

Highest Band Edge / 1RB0 and 1RB99



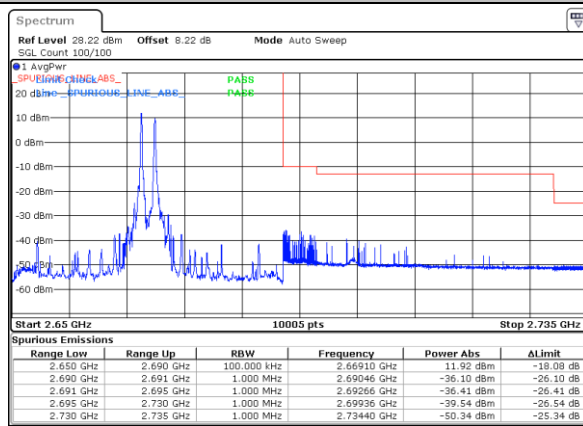
Date: 24.JAN.2025 02:08:15

Lowest Band Edge / 1RB99 and 1RB0



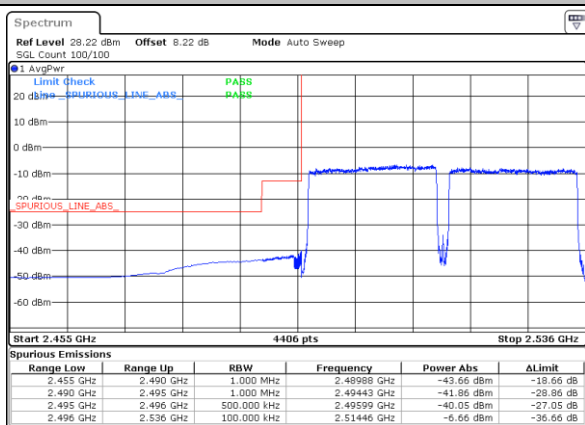
Date: 24.JAN.2025 01:20:24

Highest Band Edge / 1RB99 and 1RB0



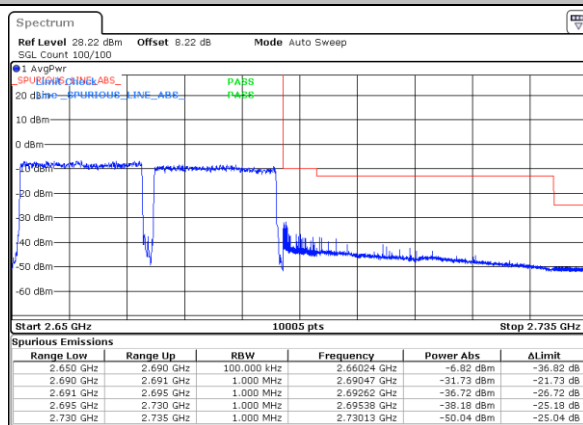
Date: 24.JAN.2025 02:03:16

Lowest Band Edge / Full RB



Date: 24.JAN.2025 01:30:26

Highest Band Edge / Full RB



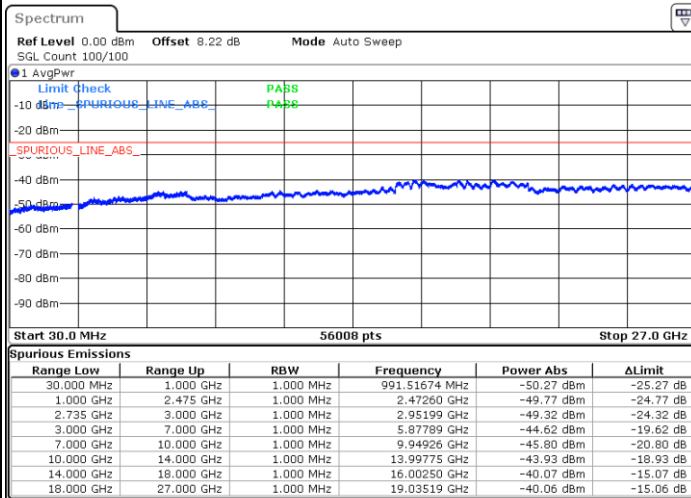
Date: 24.JAN.2025 02:13:15



Conducted Spurious Emission

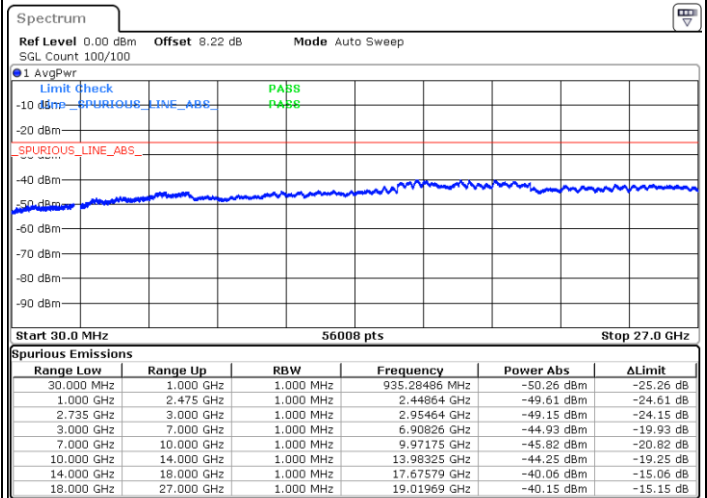
LTE Band 41C / 5MHz+20MHz

Lowest Channel / QPSK



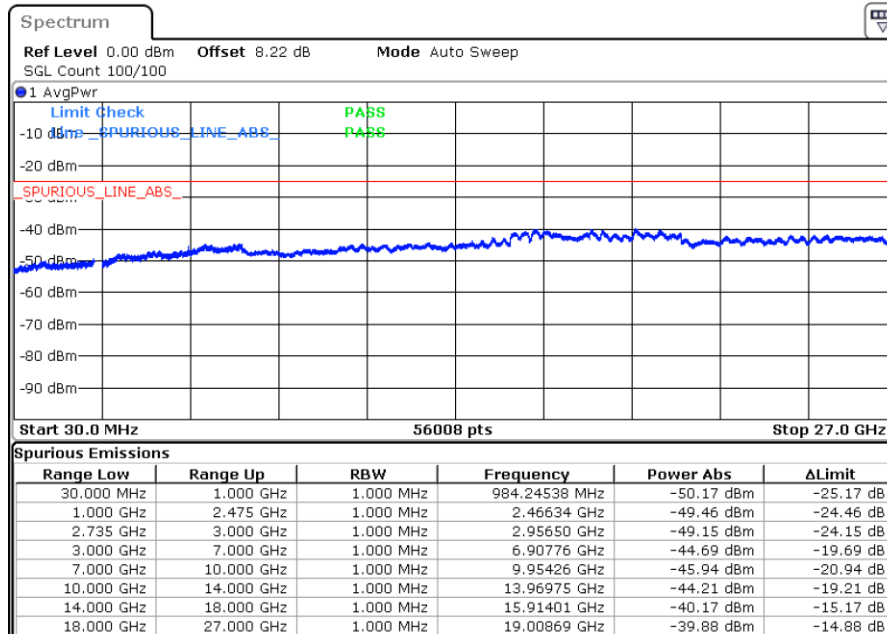
Date: 23.JAN.2025 19:44:37

Middle Channel / QPSK



Date: 23.JAN.2025 20:01:31

Highest Channel / QPSK

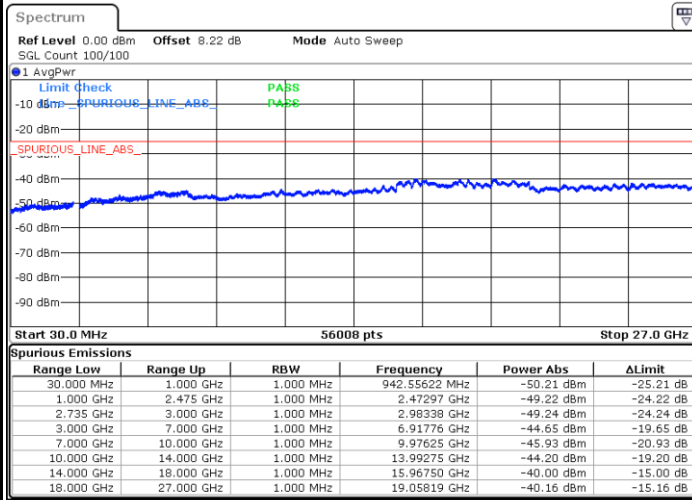


Date: 23.JAN.2025 20:03:20



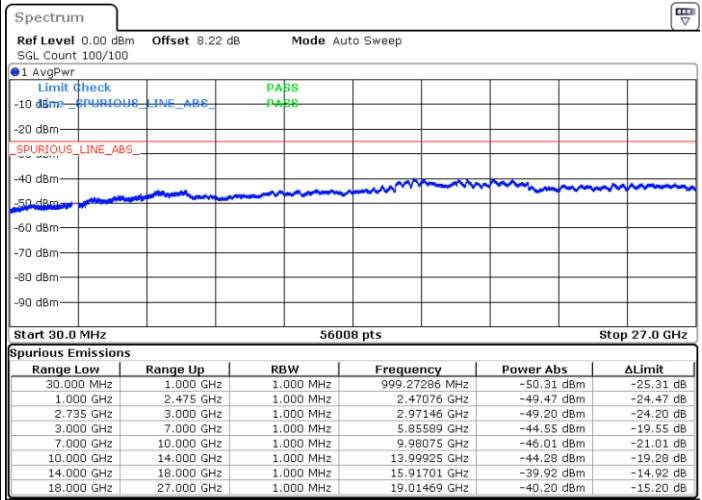
LTE Band 41C / 10MHz+15MHz

Lowest Channel / QPSK



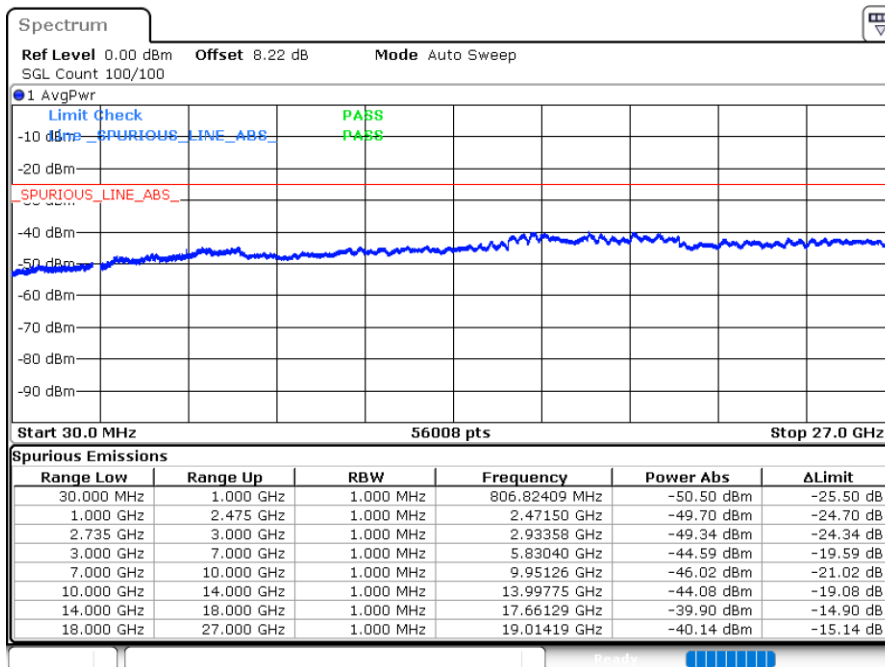
Date: 23.JAN.2025 20:22:45

Middle Channel / QPSK



Date: 23.JAN.2025 20:39:48

Highest Channel / QPSK



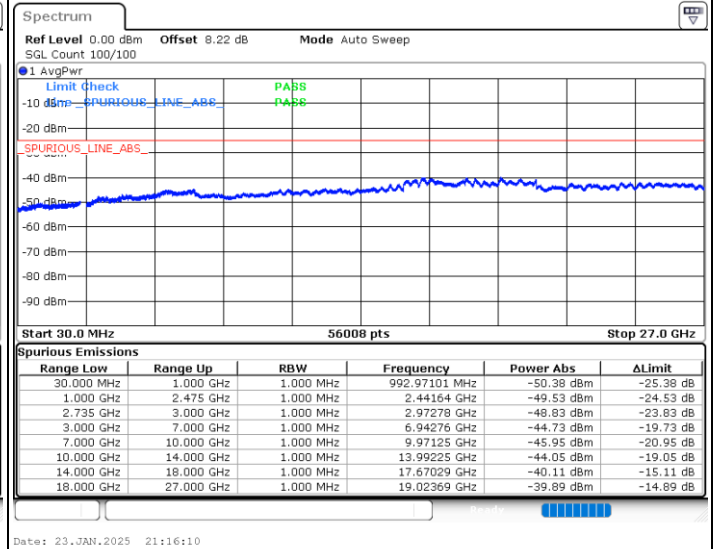
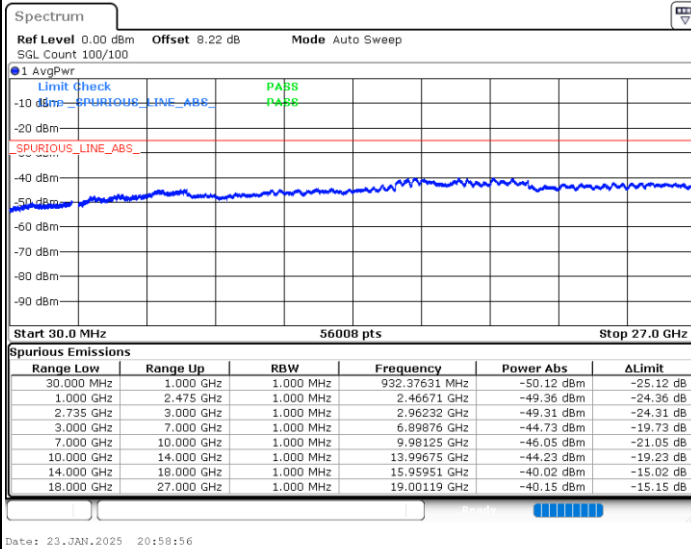
Date: 23.JAN.2025 20:41:43



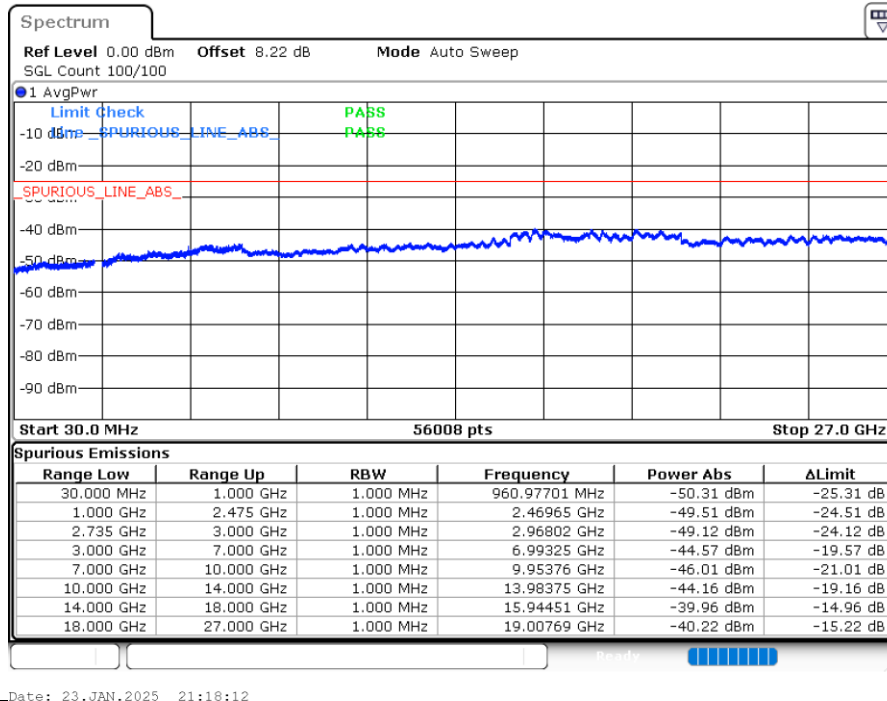
LTE Band 41C / 10MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

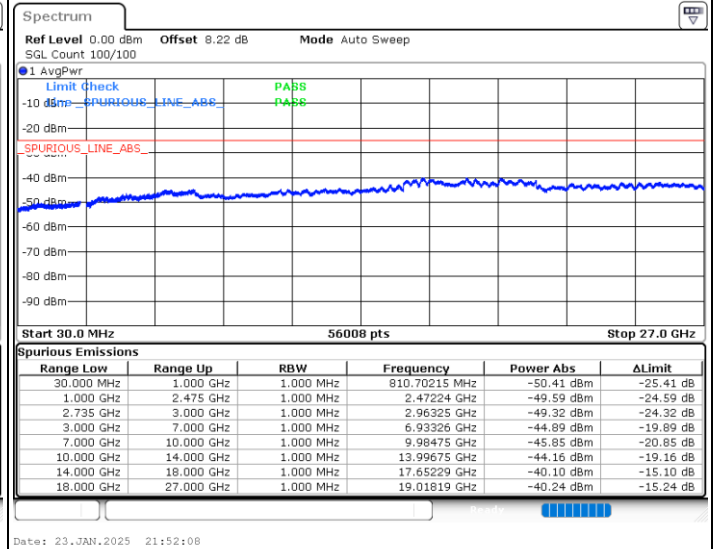
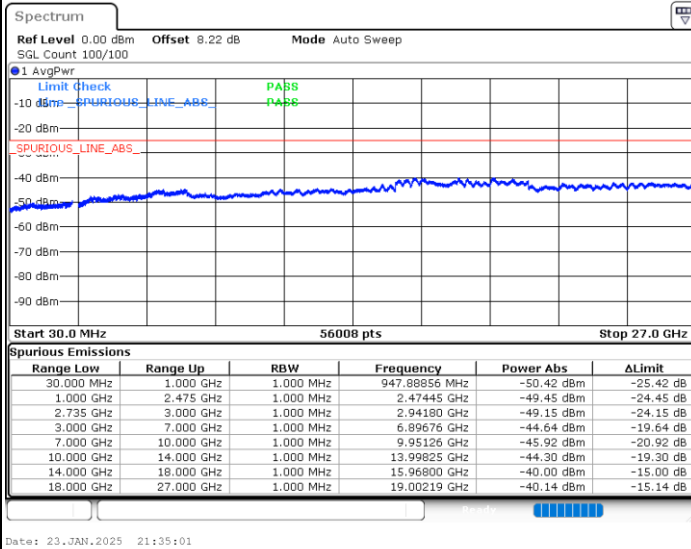




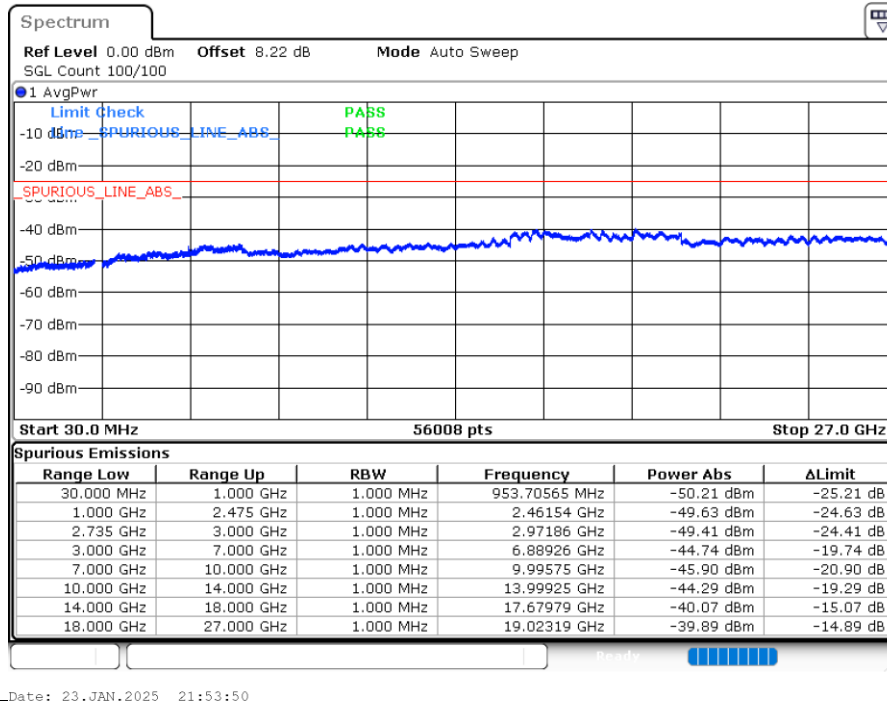
LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

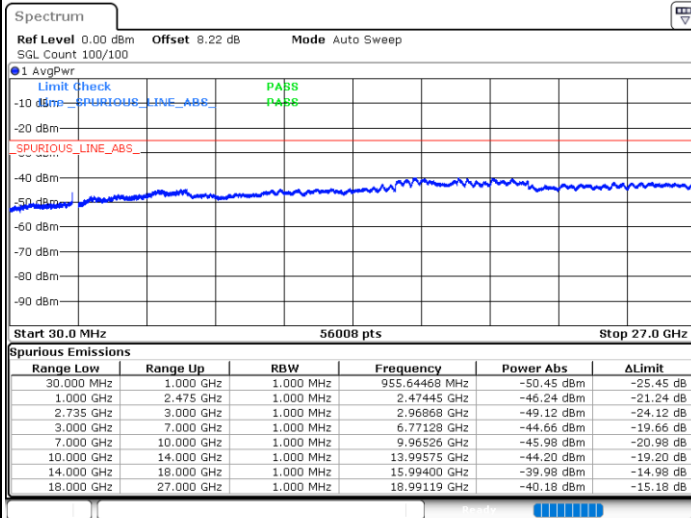




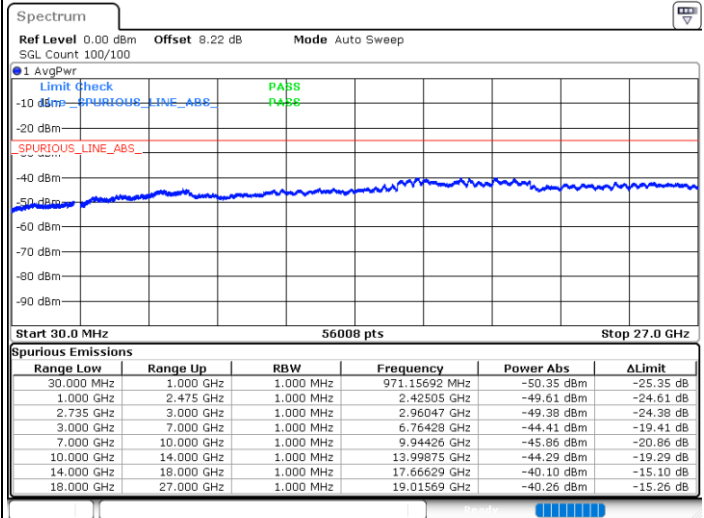
LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

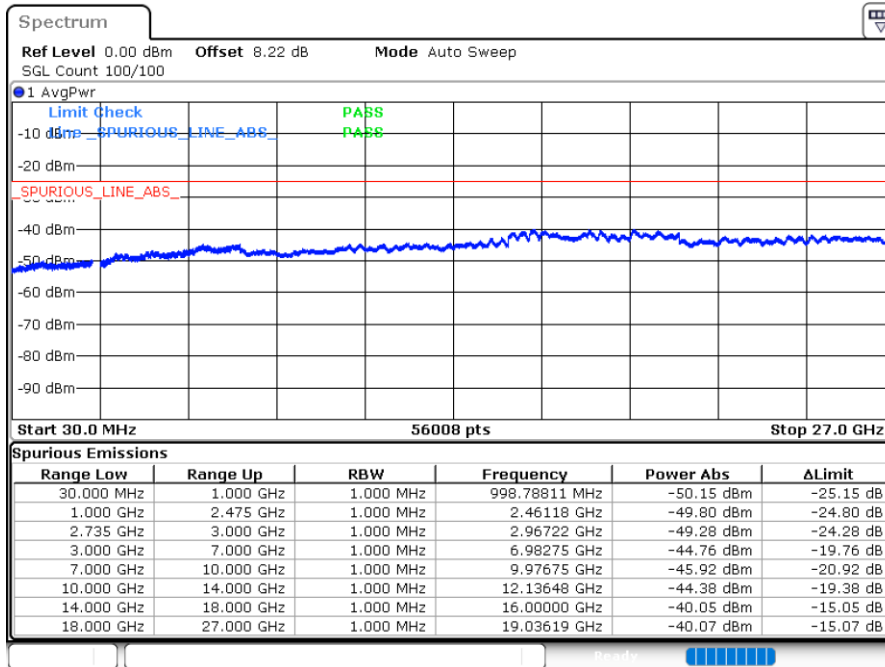


Date: 23.JAN.2025 22:10:37



Date: 23.JAN.2025 22:27:19

Highest Channel / QPSK



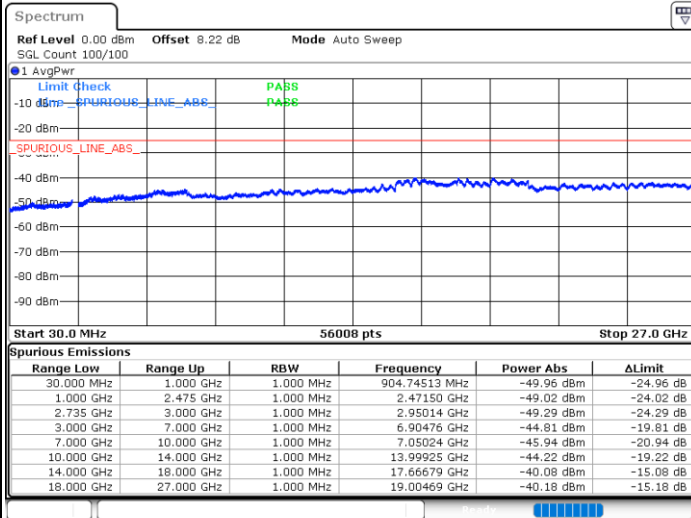
Date: 23.JAN.2025 22:32:09



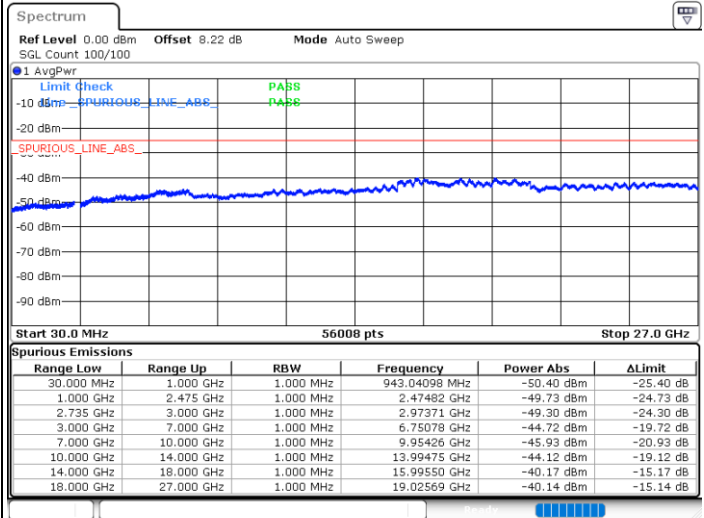
LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

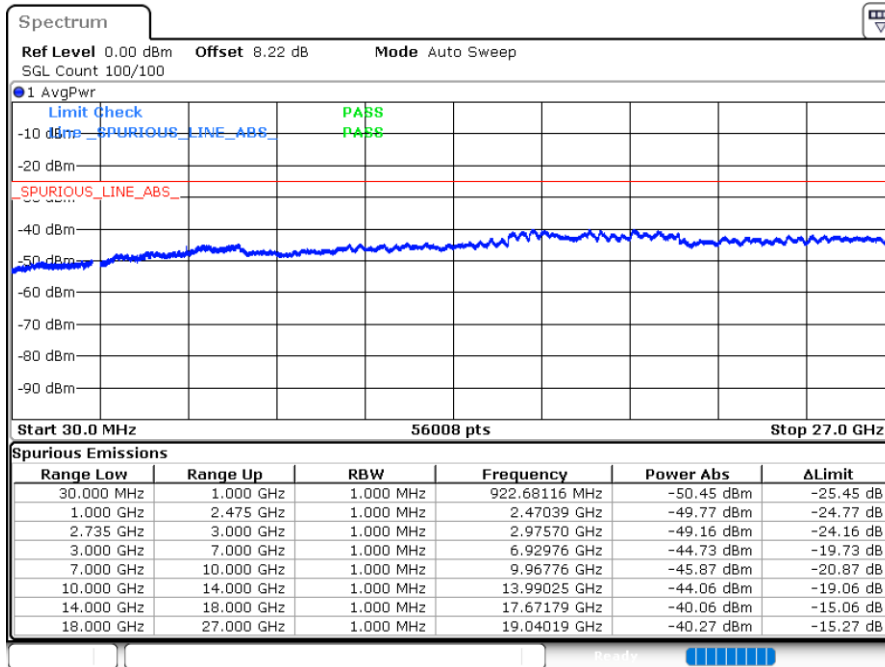


Date: 23.JAN.2025 22:48:48



Date: 23.JAN.2025 23:05:59

Highest Channel / QPSK



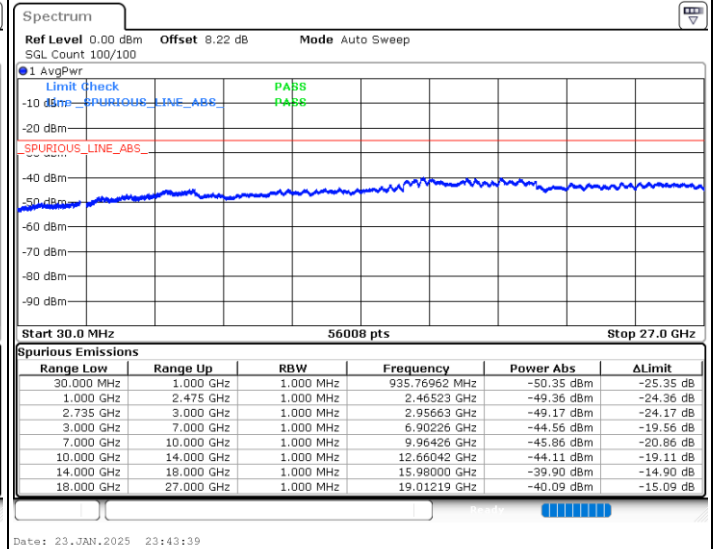
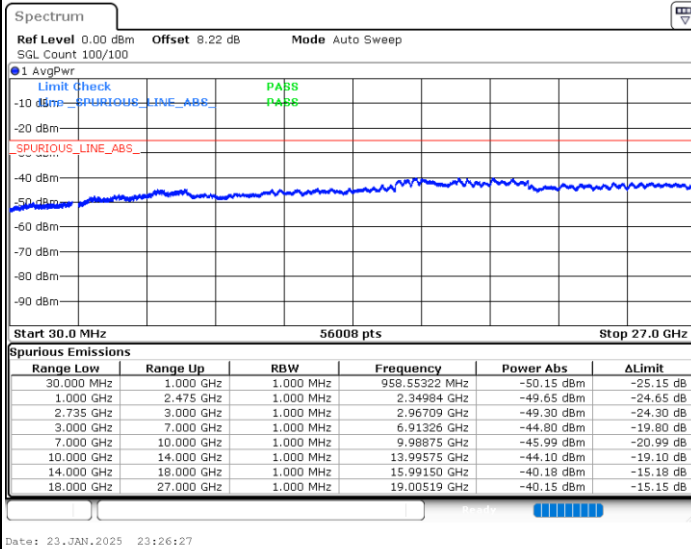
Date: 23.JAN.2025 23:09:37



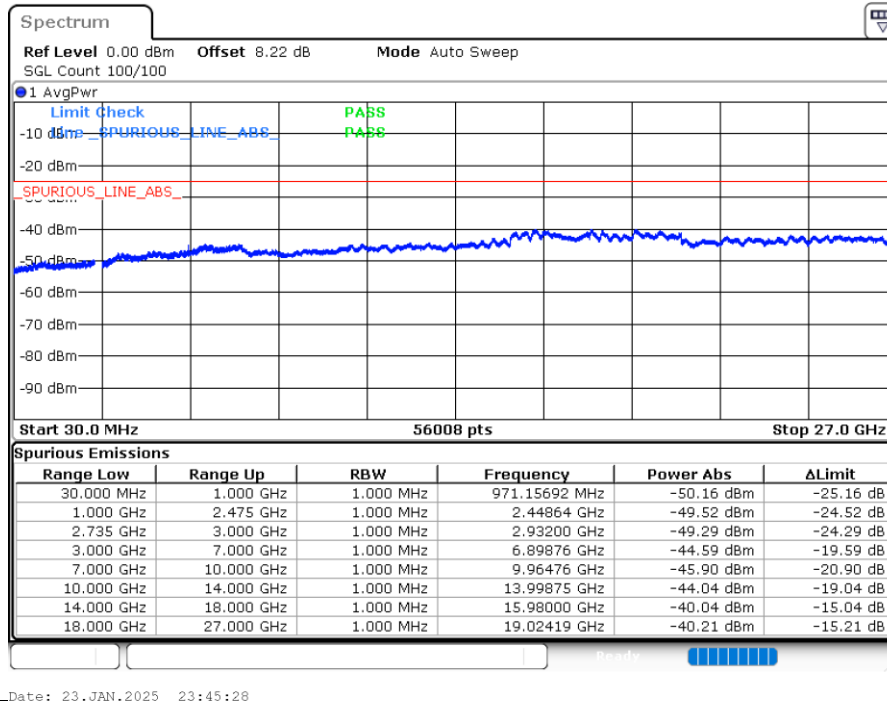
LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

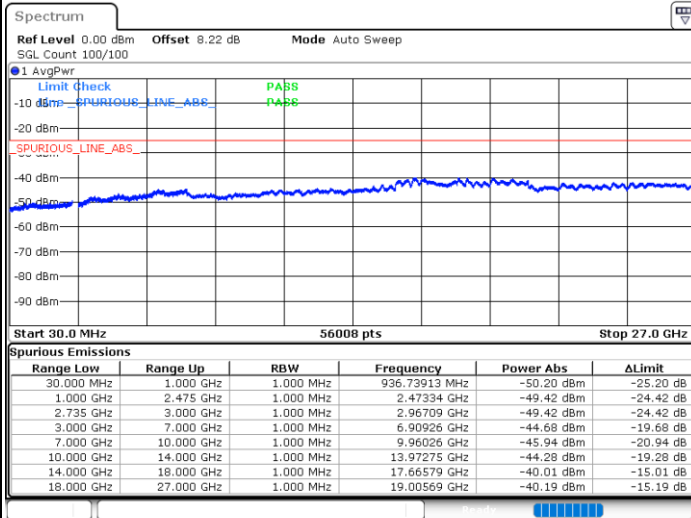




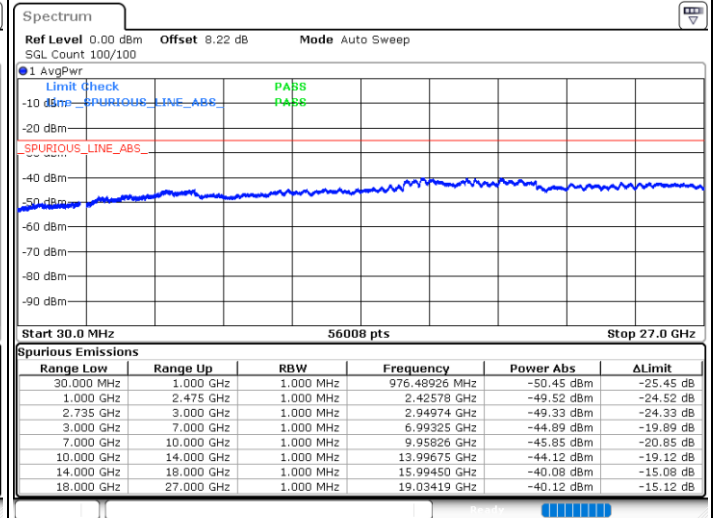
LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

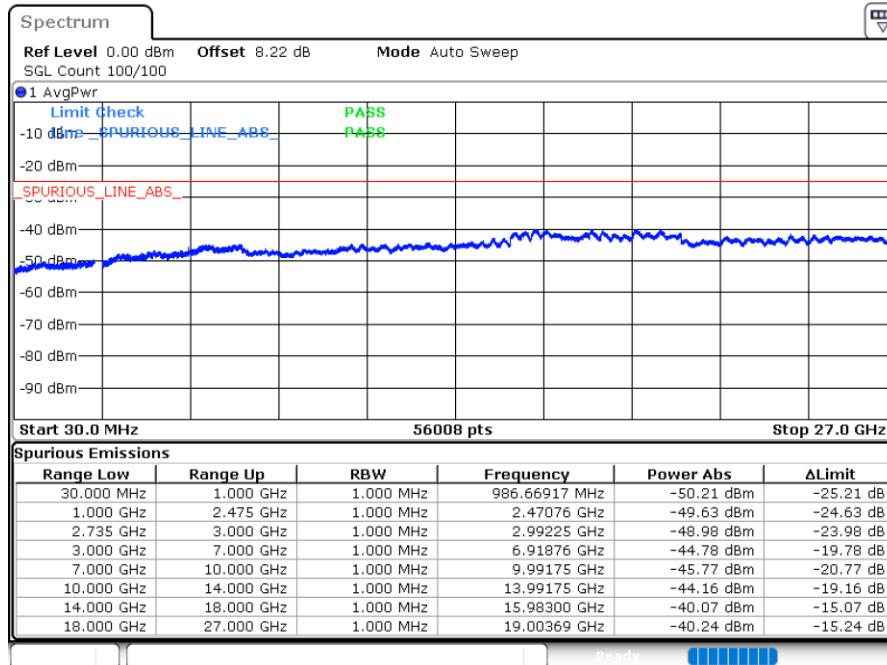


Date: 24.JAN.2025 00:02:18



Date: 24.JAN.2025 00:19:10

Highest Channel / QPSK



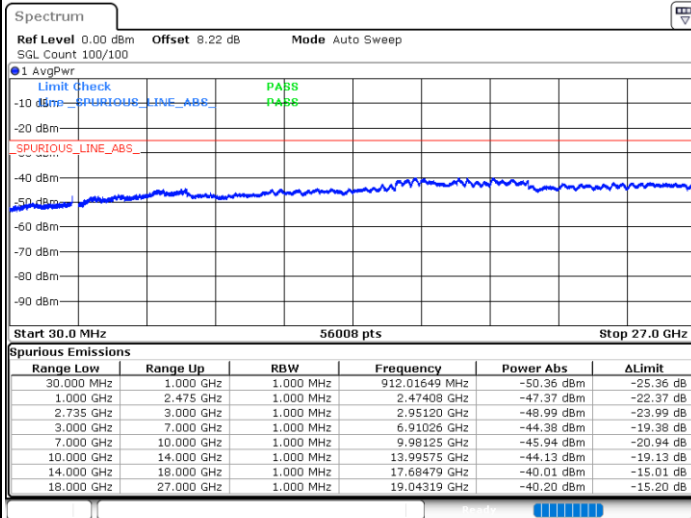
Date: 24.JAN.2025 00:20:56



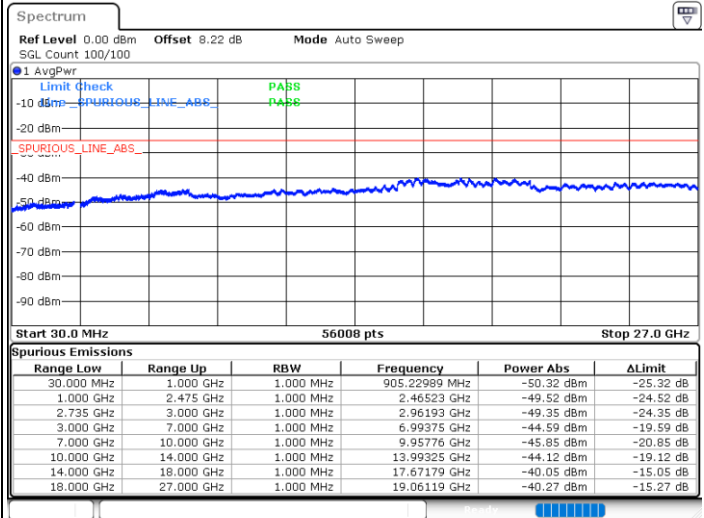
LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

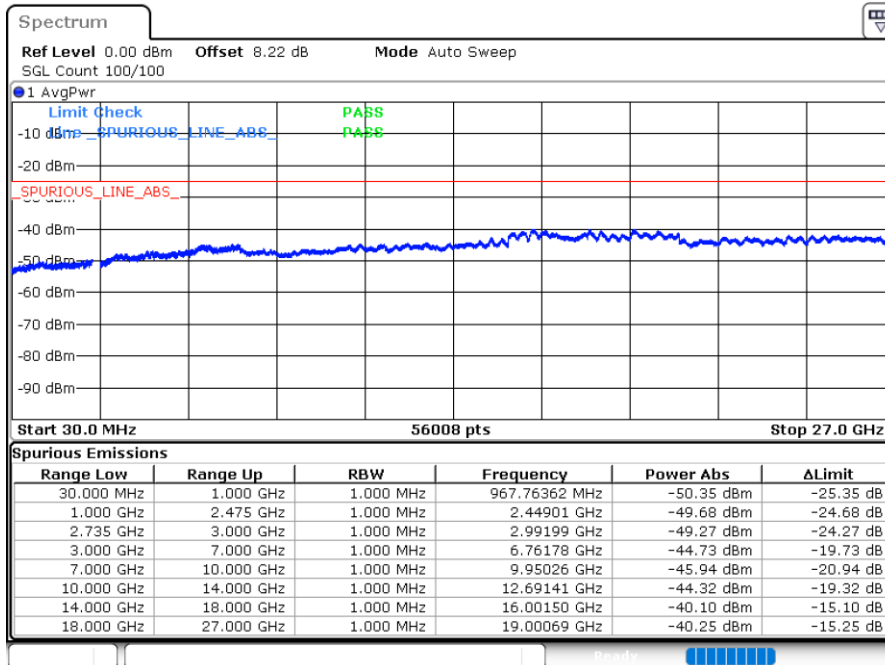


Date: 24.JAN.2025 00:37:46



Date: 24.JAN.2025 00:54:57

Highest Channel / QPSK



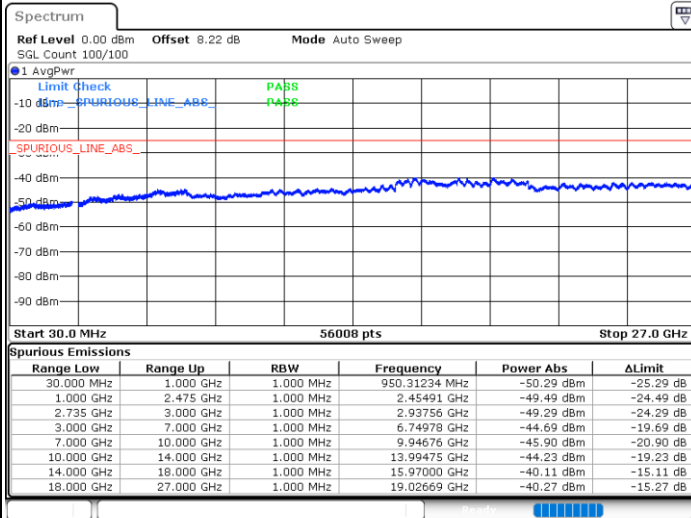
Date: 24.JAN.2025 00:58:35



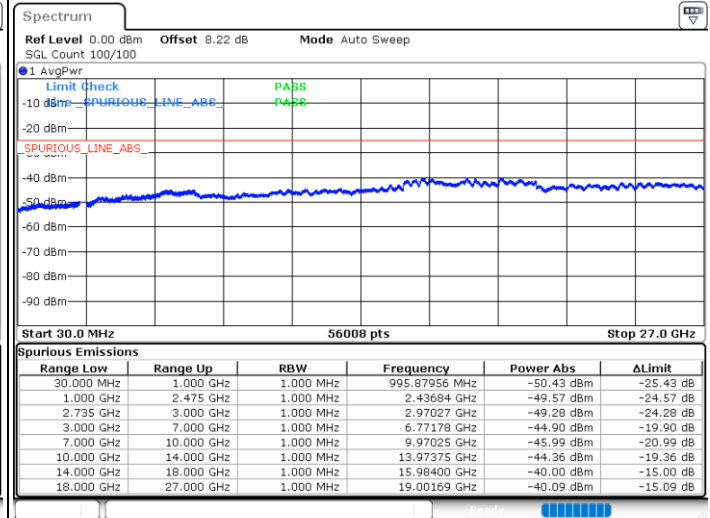
LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

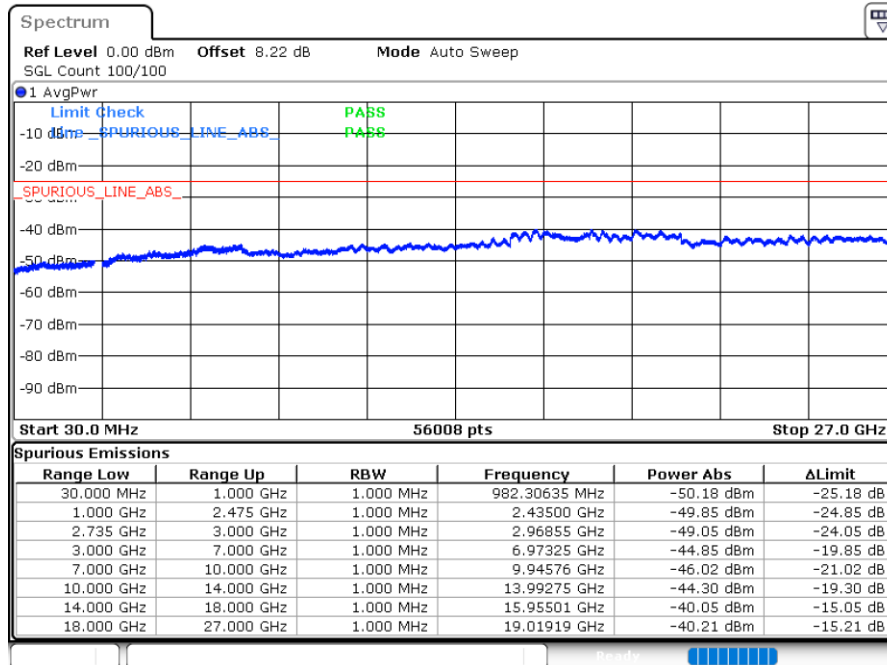


Date: 24.JAN.2025 01:15:24



Date: 24.JAN.2025 01:31:58

Highest Channel / QPSK



Date: 24.JAN.2025 01:58:18

**Frequency Stability**

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	Temperature :	21~25℃
		Relative Humidity :	51~53%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 7 / 20MHz / QPSK Ant.2									
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)
Middle	5052.00	-59.56	-25	-34.56	-81.57	-65.12	7.14	12.70	H
	7578.00	-50.52	-25	-25.52	-77.17	-53.82	8.30	11.60	H
	10104.00	-50.95	-25	-25.95	-82.36	-52.47	10.48	12.00	H
	5052.00	-59.72	-25	-34.72	-81.85	-65.28	7.14	12.70	V
	7578.00	-55.17	-25	-30.17	-81.78	-58.47	8.30	11.60	V
	10104.00	-52.55	-25	-27.55	-82.56	-54.07	10.48	12.00	V

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

EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK (ANT2+0)- other PA									
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)
LTE Band 7 Middle	5052.00	-57.52	-25	-32.52	-79.53	-63.08	7.14	12.70	H
	7578.00	-52.88	-25	-27.88	-79.53	-56.18	8.30	11.60	H
	10104.00	-49.87	-25	-24.87	-81.28	-51.39	10.48	12.00	H
	5052.00	-56.85	-25	-31.85	-78.98	-62.41	7.14	12.70	V
	7578.00	-53.84	-25	-28.84	-80.45	-57.14	8.30	11.60	V
	10104.00	-51.56	-25	-26.56	-81.57	-53.08	10.48	12.00	V
NR n5 Middle	1655	-65.33	-13	-52.33	-75.26	-68.58	4.00	9.40	H
	2482.5	-61.96	-13	-48.96	-76.45	-65.53	4.88	10.60	H
	3310	-61.82	-13	-48.82	-78.15	-66.75	5.52	12.60	H
	1655	-65.69	-13	-52.69	-75.22	-68.94	4.00	9.40	V
	2482.5	-62.48	-13	-49.48	-76.94	-66.05	4.88	10.60	V
	3310	-61.94	-13	-48.94	-78.05	-66.87	5.52	12.60	V

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



LTE CA_7C / 20MHz +20MHz / PCC+SCC QPSK Ant.2									
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)
Middle	5070.00	-60.56	-25	-35.56	-82.55	-66.12	7.14	12.70	H
	7605.00	-54.90	-25	-29.90	-81.54	-58.20	8.30	11.60	H
	10140.00	-51.05	-25	-26.05	-82.41	-52.57	10.48	12.00	H
	5070.00	-60.75	-25	-35.75	-82.88	-66.31	7.14	12.70	V
	7605.00	-54.97	-25	-29.97	-81.55	-58.27	8.30	11.60	V
	10140.00	-52.31	-25	-27.31	-82.34	-53.83	10.48	12.00	V

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

LTE Band 41 / 20MHz / QPSK Ant.2									
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)
Middle	5168.00	-57.93	-25	-32.93	-79.75	-63.49	7.14	12.70	H
	7752.00	-44.50	-25	-19.50	-71.29	-47.80	8.30	11.60	H
	10336.00	-51.32	-25	-26.32	-82.45	-52.84	10.48	12.00	H
	5168.00	-59.80	-25	-34.80	-81.89	-65.36	7.14	12.70	V
	7752.00	-54.54	-25	-29.54	-81.18	-57.84	8.30	11.60	V
	10336.00	-52.37	-25	-27.37	-82.59	-53.89	10.48	12.00	V

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

LTE CA_41C/ 20MHz +20 MHz / PCC+SCC QPSK Ant.2									
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)
Middle	5186.00	-60.33	-25	-35.33	-82.13	-65.89	7.14	12.70	H
	7779.00	-51.12	-25	-26.12	-77.95	-54.42	8.30	11.60	H
	10372.00	-51.36	-25	-26.36	-82.44	-52.88	10.48	12.00	H
	5186.00	-60.66	-25	-35.66	-82.75	-66.22	7.14	12.70	V
	7779.00	-54.09	-25	-29.09	-80.75	-57.39	8.30	11.60	V
	10372.00	-52.18	-25	-27.18	-82.43	-53.70	10.48	12.00	V

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