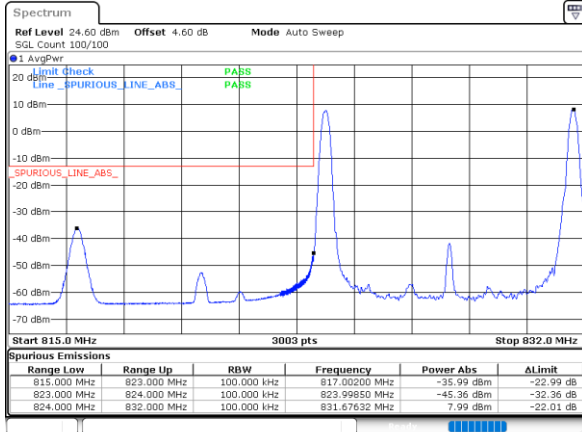




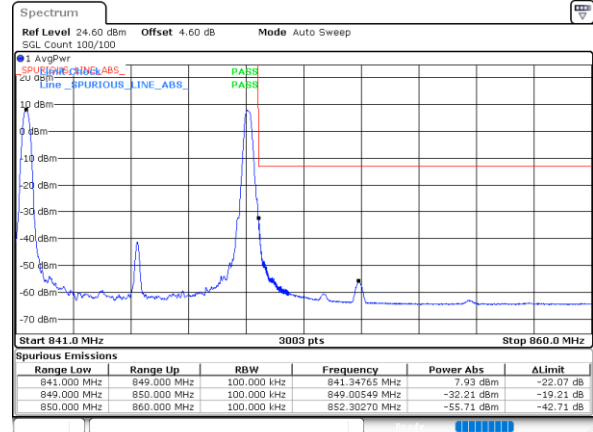
LTE Band 5B / 3MHz+5MHz

256QAM

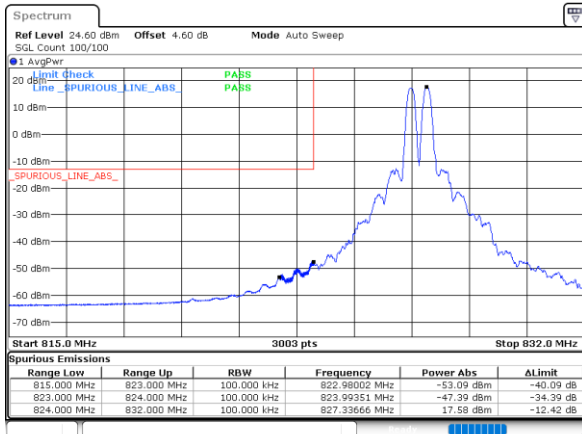
Lowest Band Edge / 1RB0 and 1RB24



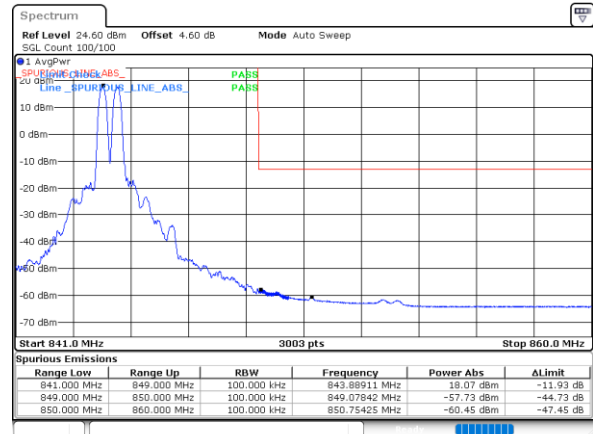
Highest Band Edge / 1RB0 and 1RB24



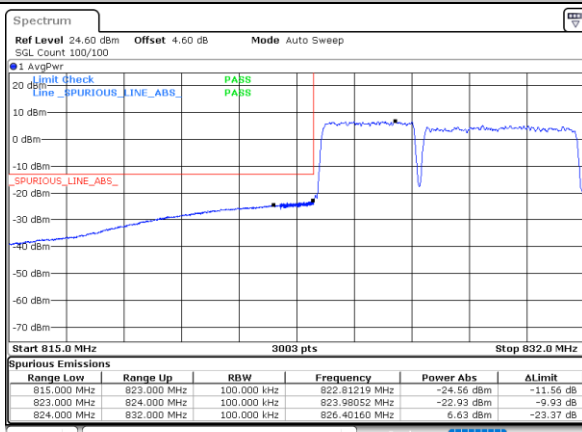
Lowest Band Edge / 1RB14 and 1RB0



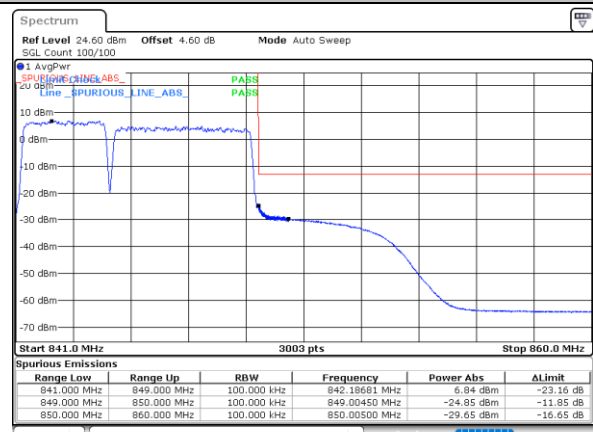
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

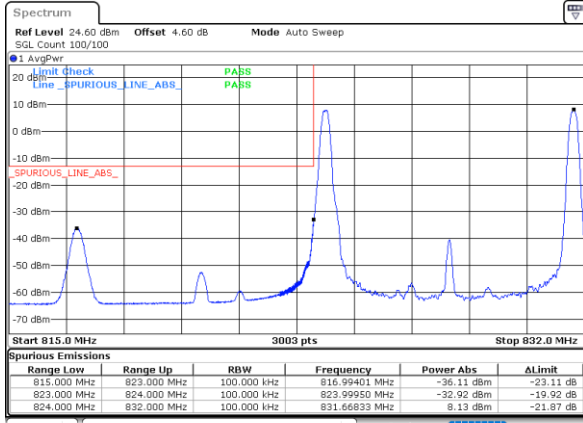




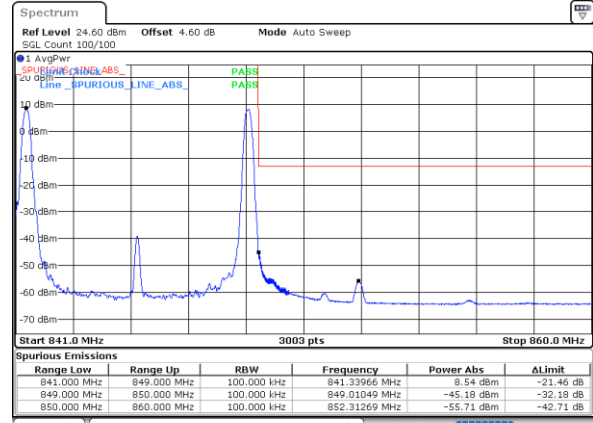
LTE Band 5B / 5MHz+3MHz

256QAM

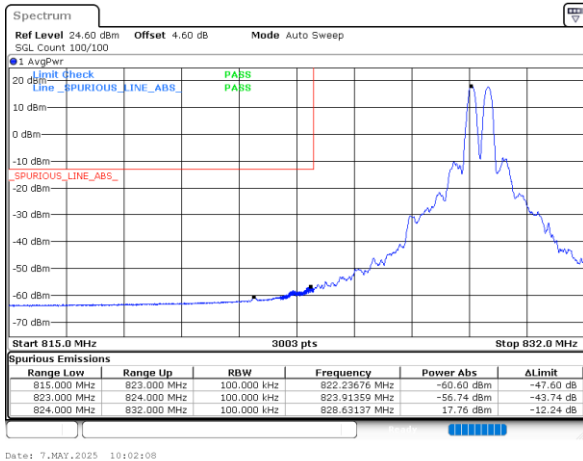
Lowest Band Edge / 1RB0 and 1RB14



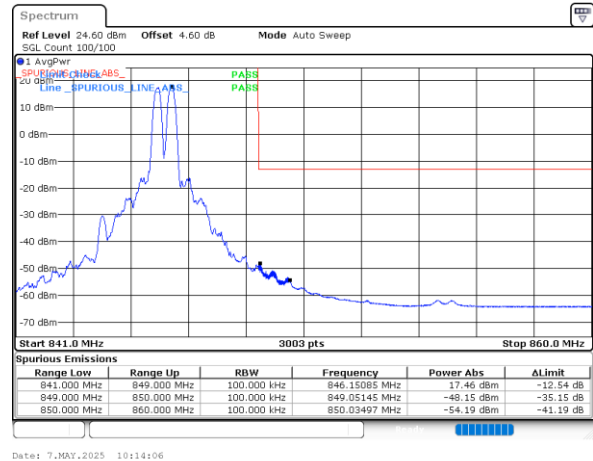
Highest Band Edge / 1RB0 and 1RB14



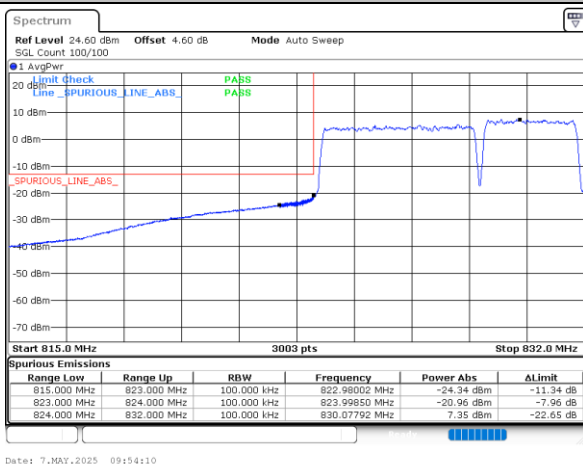
Lowest Band Edge / 1RB24 and 1RB0



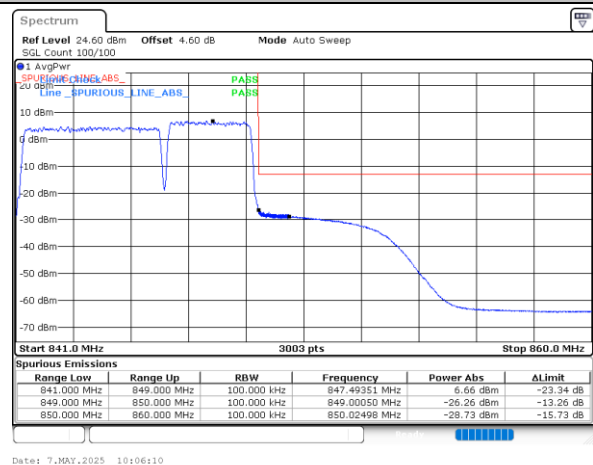
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

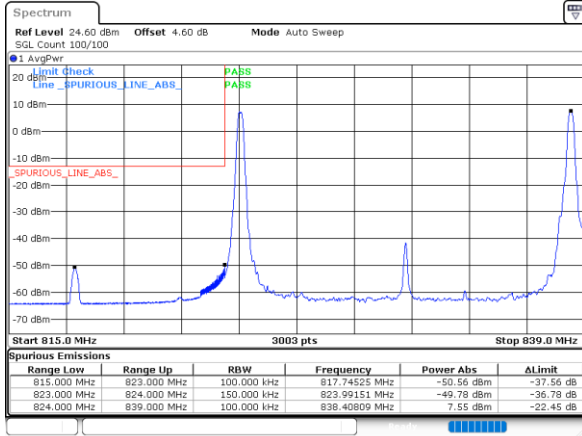




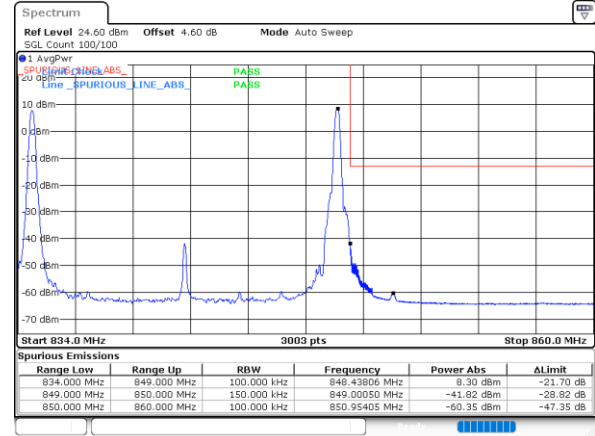
LTE Band 5B / 5MHz+10MHz

256QAM

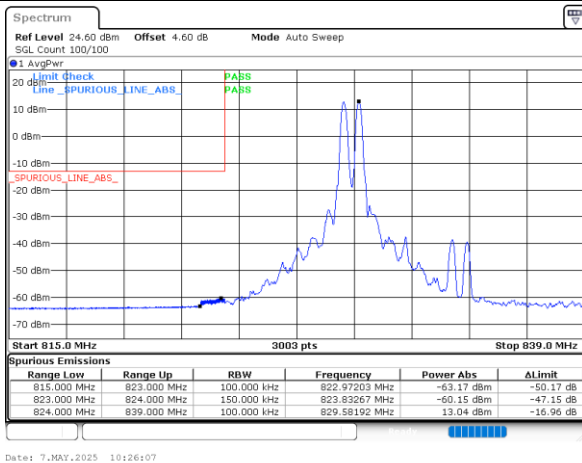
Lowest Band Edge / 1RB0 and 1RB49



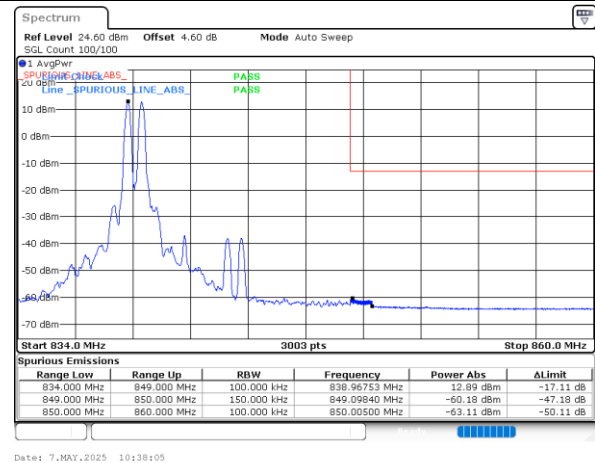
Highest Band Edge / 1RB0 and 1RB49



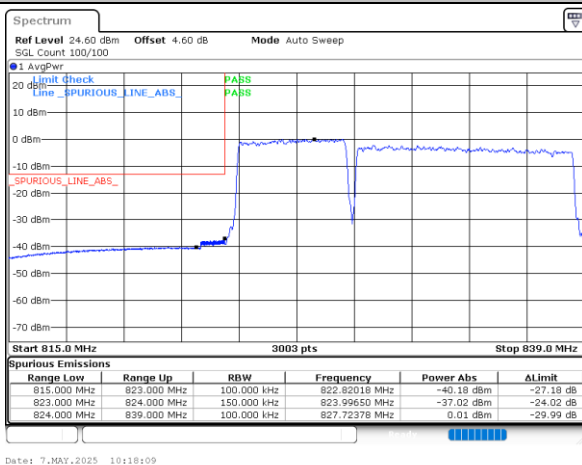
Lowest Band Edge / 1RB24 and 1RB0



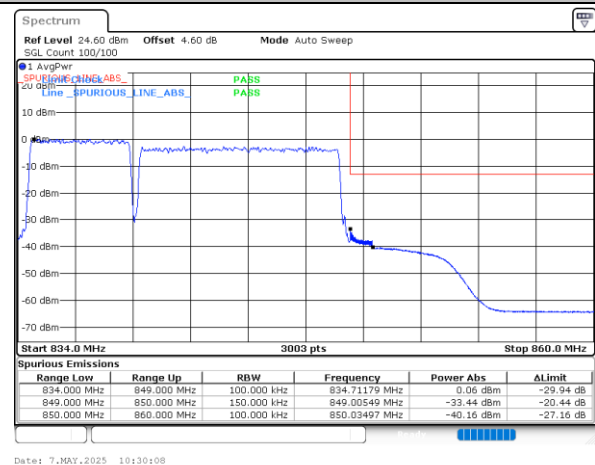
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

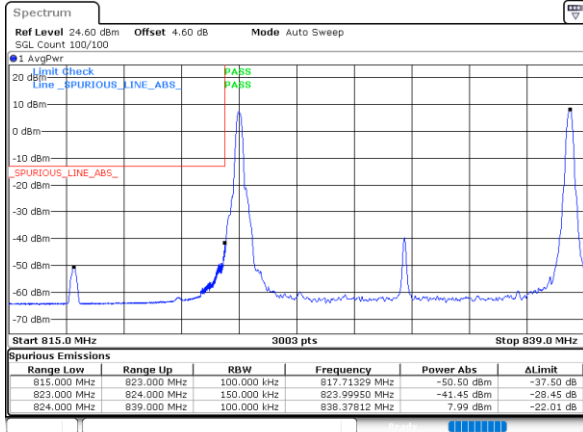




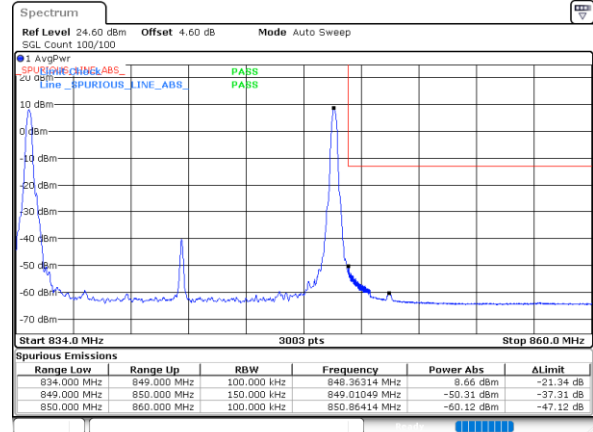
LTE Band 5B / 10MHz+5MHz

256QAM

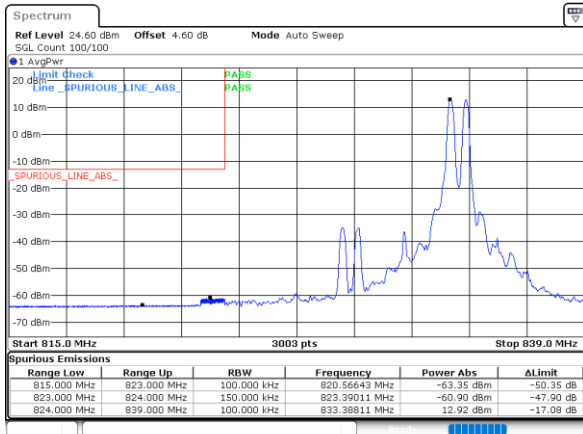
Lowest Band Edge / 1RB0 and 1RB24



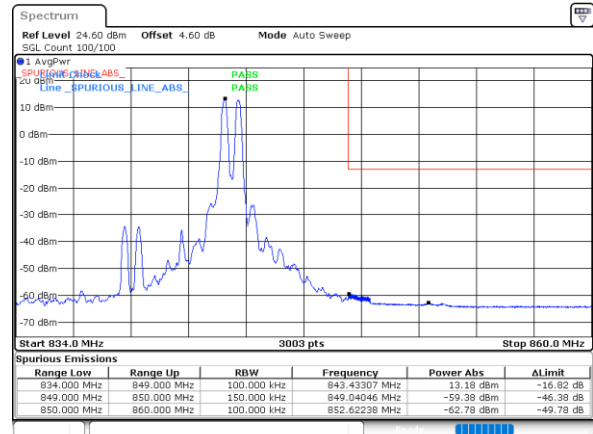
Highest Band Edge / 1RB0 and 1RB24



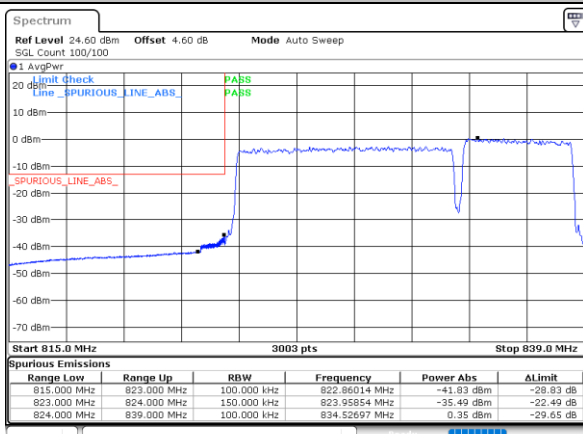
Lowest Band Edge / 1RB49 and 1RB0



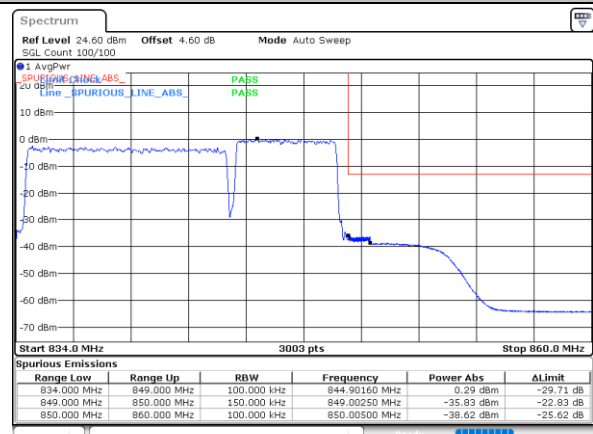
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

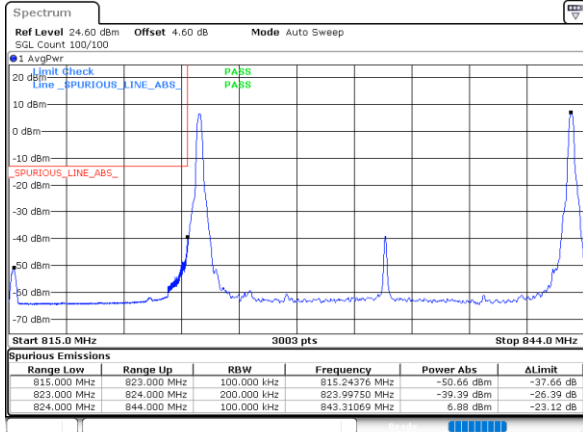




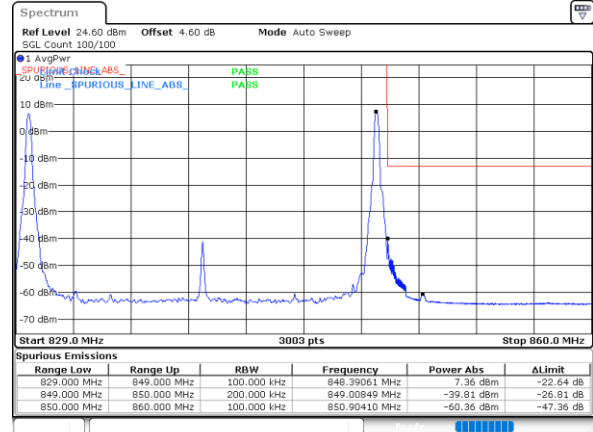
LTE Band 5B / 10MHz+10MHz

256QAM

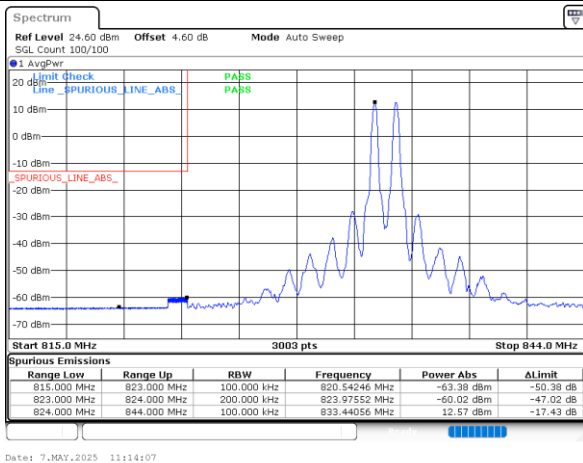
Lowest Band Edge / 1RB0 and 1RB49



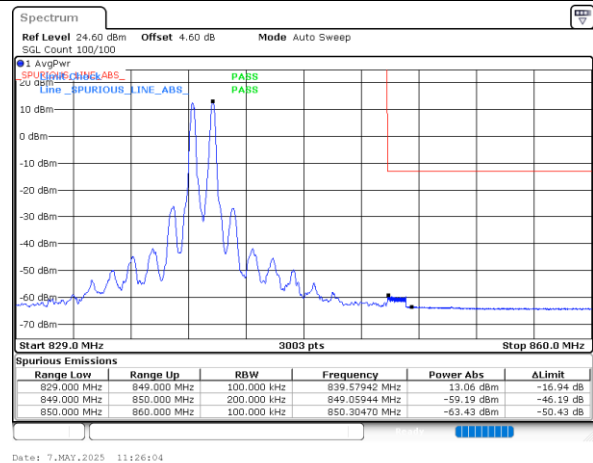
Highest Band Edge / 1RB0 and 1RB49



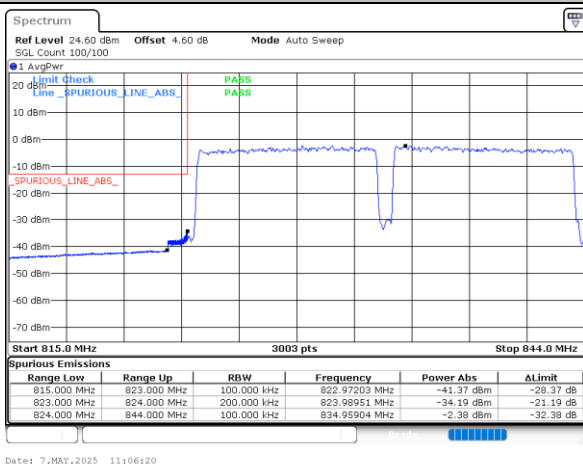
Lowest Band Edge / 1RB49 and 1RB0



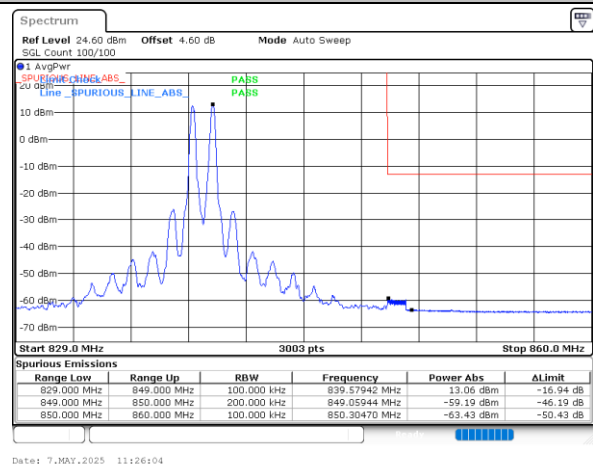
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





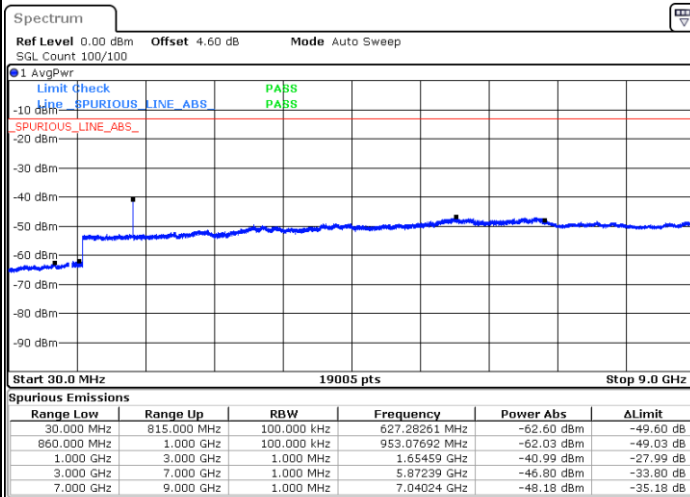
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

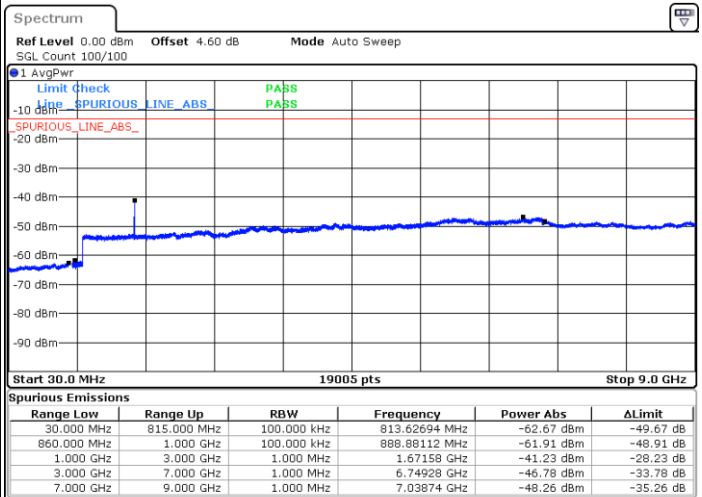
QPSK

Lowest Channel / 1RB14 and 1RB0

Middle Channel / 1RB14 and 1RB0

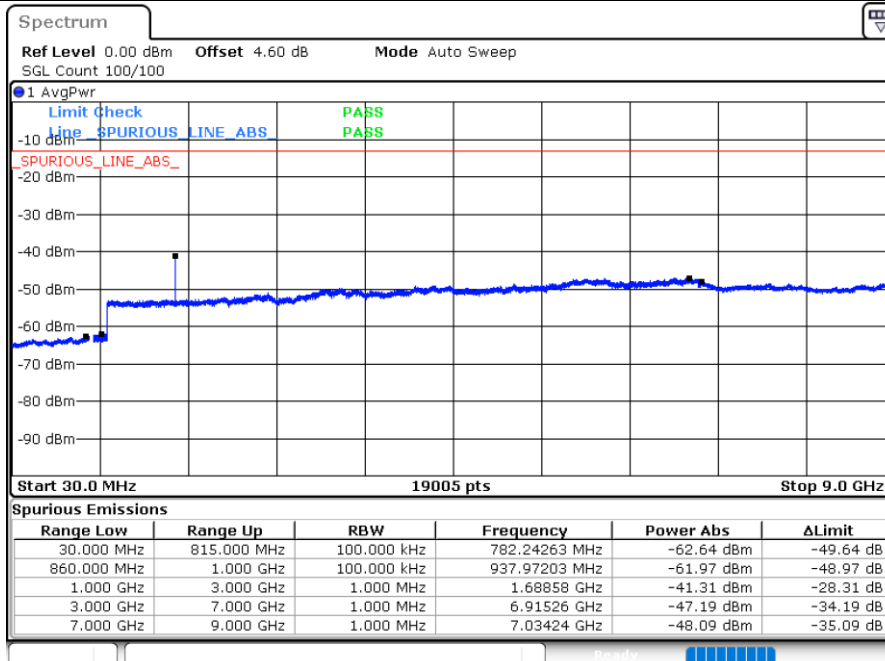


Date: 7.MAY.2025 11:27:32



Date: 7.MAY.2025 11:28:56

Highest Channel / 1RB14 and 1RB0



Date: 7.MAY.2025 11:32:20

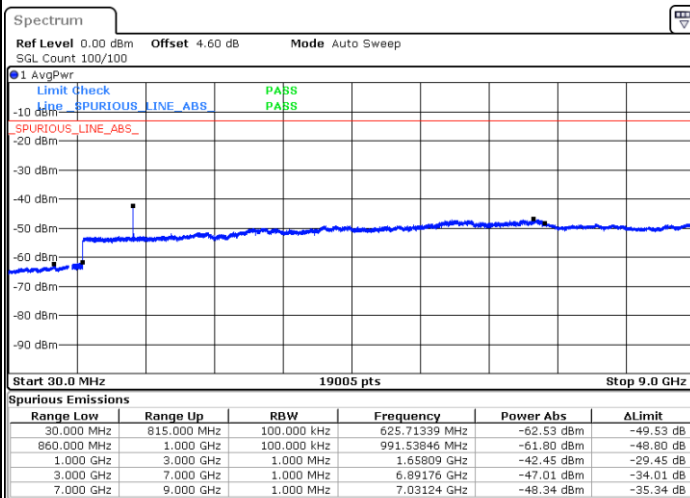


LTE Band 5B / 5MHz+3MHz

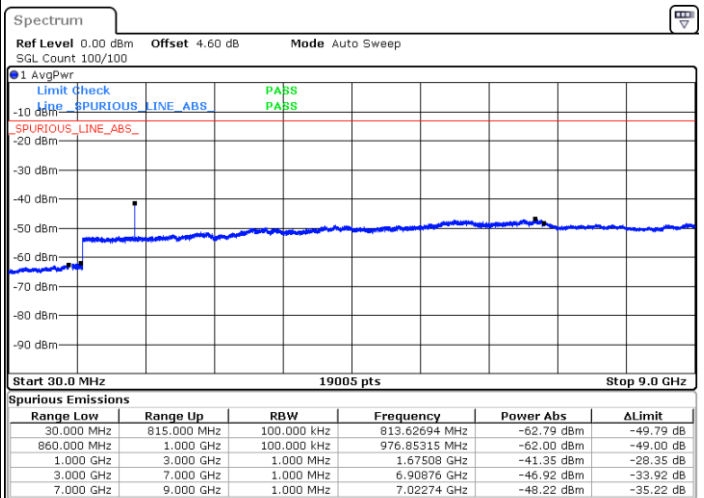
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

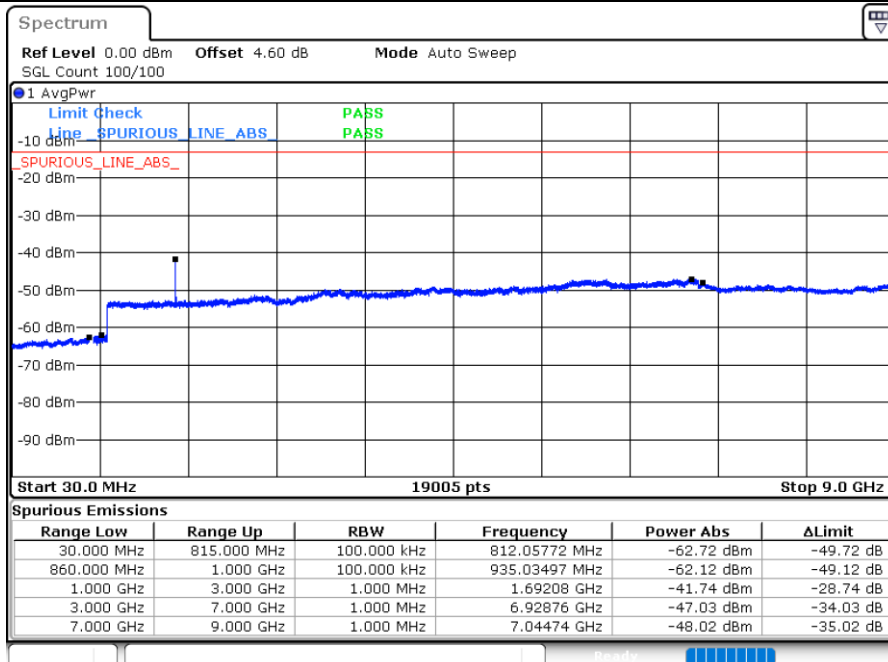


Date: 7.MAY.2025 11:33:48



Date: 7.MAY.2025 11:35:18

Highest Channel / 1RB24 and 1RB0



Date: 7.MAY.2025 11:38:43

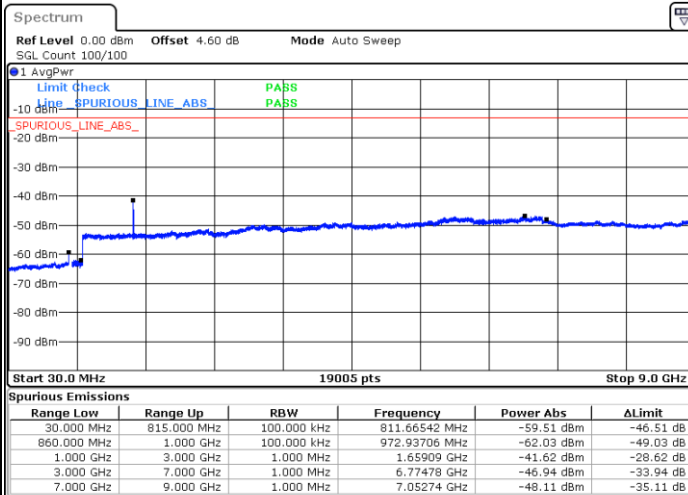


LTE Band 5B / 5MHz+10MHz

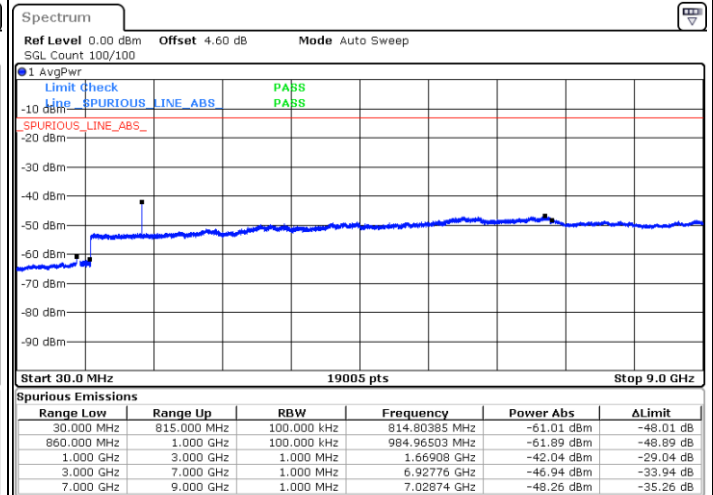
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

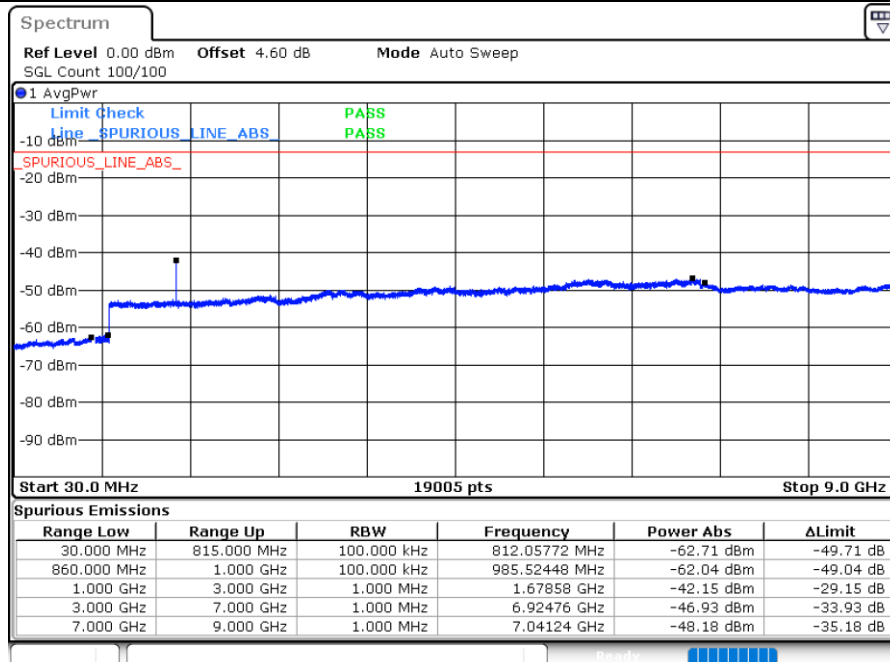


Date: 7.MAY.2025 11:40:08



Date: 7.MAY.2025 11:41:38

Highest Channel / 1RB24 and 1RB0



Date: 7.MAY.2025 11:45:03

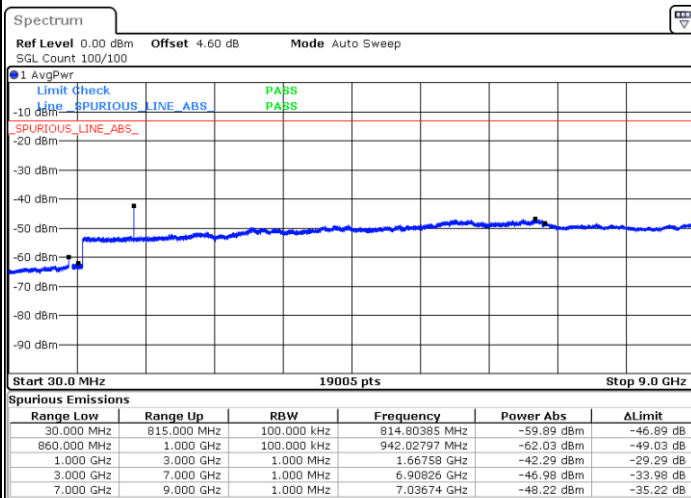


LTE Band 5B / 10MHz+5MHz

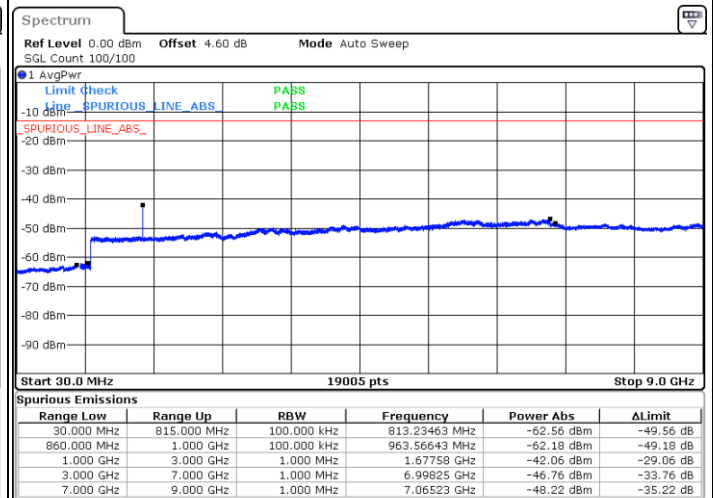
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

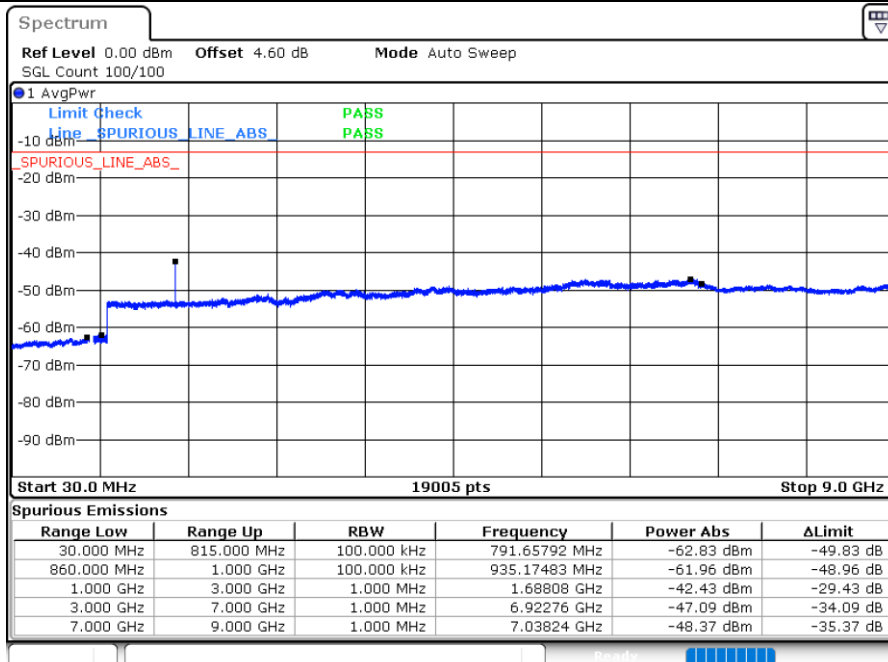


Date: 7.MAY.2025 11:46:31



Date: 7.MAY.2025 11:48:39

Highest Channel / 1RB49 and 1RB0



Date: 7.MAY.2025 11:52:16

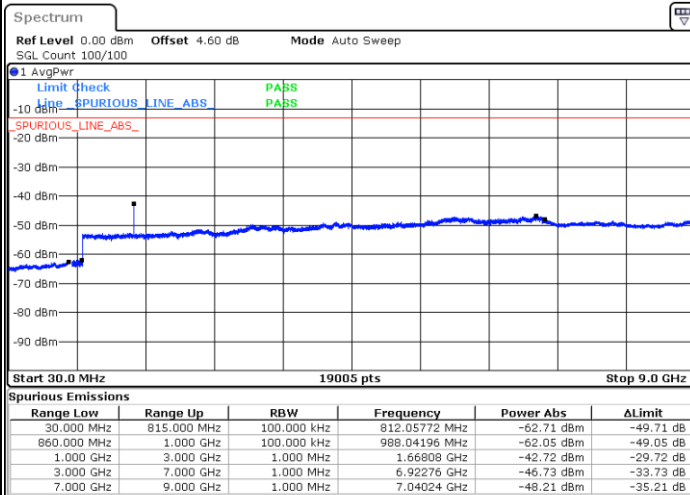


LTE Band 5B / 10MHz+10MHz

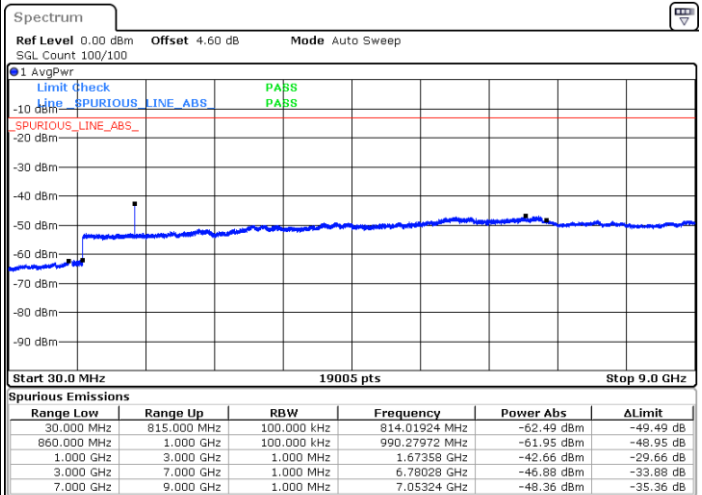
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

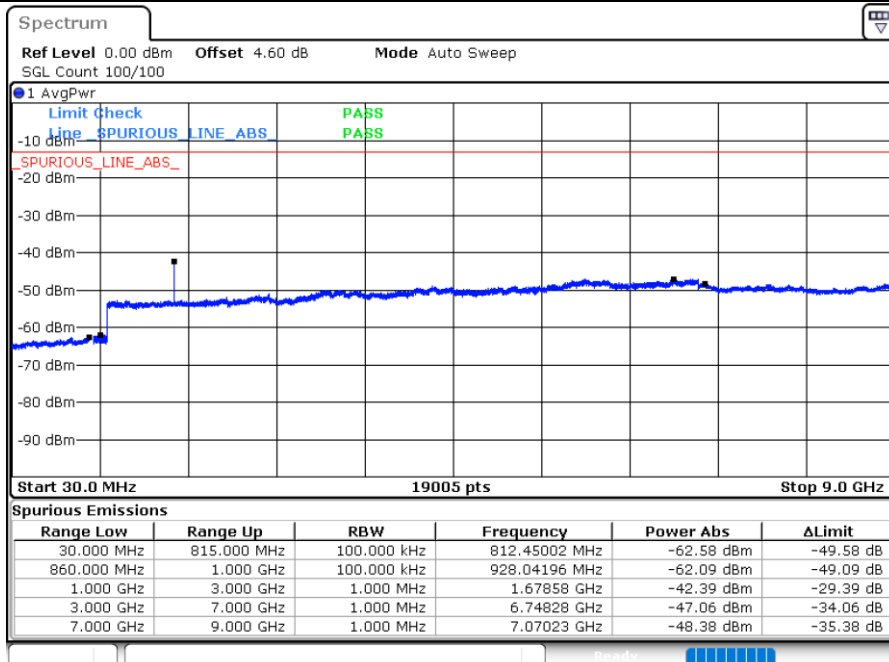


Date: 7.MAY.2025 11:53:39



Date: 7.MAY.2025 11:55:44

Highest Channel / 1RB49 and 1RB0



Date: 7.MAY.2025 11:58:59

**Frequency Stability**

Test Conditions		LTE Band 5B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz+10MHZ	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.019	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.91V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	22~25°C
		Relative Humidity :	50~53%

LTE Band 12 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-44.55	-13	-31.55	-51.52	1.58	10.70	H
	2112	-54.77	-13	-41.77	-63.02	2.102	12.50	H
	2808	-58.16	-13	-45.16	-67.05	2.856	13.90	H
	1408	-54.49	-13	-41.49	-61.46	1.58	10.70	V
	2112	-54.03	-13	-41.03	-62.28	2.10	12.50	V
	2808	-57.31	-13	-44.31	-66.20	2.86	13.90	V

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

LTE Band 26 / 15MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-51.03	-13	-38.03	-58.00	1.58	10.70	H
	2488	-53.58	-13	-40.58	-61.83	2.102	12.50	H
	3320	-58.63	-13	-45.63	-67.52	2.856	13.90	H
	1656	-52.45	-13	-39.45	-59.42	1.58	10.70	V
	2488	-49.65	-13	-36.65	-57.90	2.10	12.50	V
	3320	-58.57	-13	-45.57	-67.46	2.86	13.90	V

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

LTE Band 71 / 20MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1344	-55.44	-13	-42.44	-66.18	2.604	13.34	H
	2016	-61.29	-13	-48.29	-71.80	3.011	13.52	H
	2688	-58.24	-13	-45.24	-68.44	3.271	13.47	H
	1344	-59.67	-13	-46.67	-70.41	2.604	13.34	V
	2016	-60.55	-13	-47.55	-71.06	3.011	13.52	V
	2688	-57.86	-13	-44.86	-68.06	3.271	13.47	V

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



LTE Band 5B / 10MHz + 10MHz / QPSK-PCC								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-65.97	-13	-52.97	-72.94	1.58	10.70	H
	2472	-61.84	-13	-48.84	-70.09	2.102	12.50	H
	3304	-60.89	-13	-47.89	-69.78	2.856	13.90	H
	1656	-65.14	-13	-52.14	-72.11	1.58	10.70	V
	2472	-52.19	-13	-39.19	-60.44	2.10	12.50	V
	3304	-60.77	-13	-47.77	-69.66	2.86	13.90	V

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

LTE Band 5B / 10MHz + 10MHz / QPSK-SCC								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-65.46	-13	-52.46	-72.43	1.58	10.70	H
	2512	-60.56	-13	-47.56	-68.81	2.102	12.50	H
	3352	-60.38	-13	-47.38	-69.27	2.856	13.90	H
	1672	-64.37	-13	-51.37	-71.34	1.58	10.70	V
	2512	-60.25	-13	-47.25	-68.50	2.10	12.50	V
	3352	-60.47	-13	-47.47	-69.36	2.86	13.90	V

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