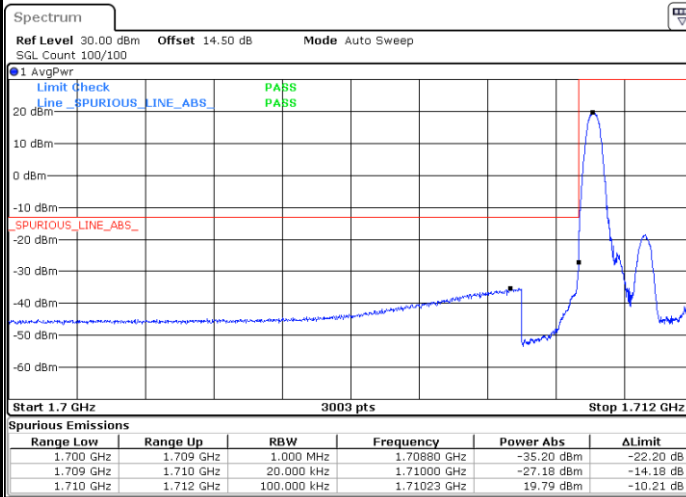




Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



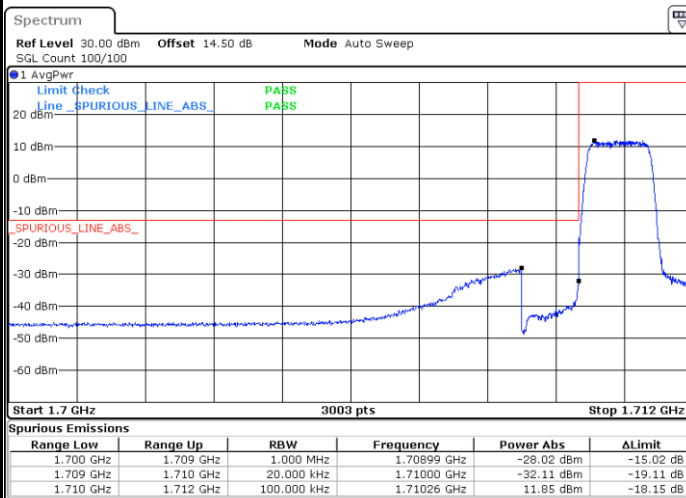
Date: 1 APR 2025 10:49:07

Highest Band Edge / 1RB



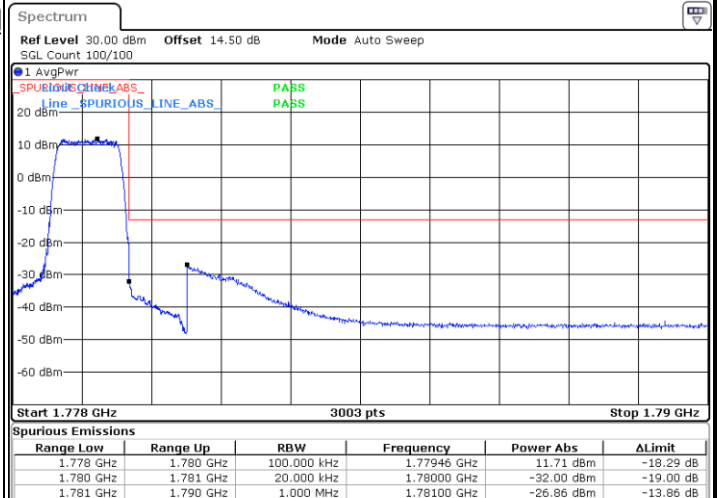
Date: 1 APR 2025 10:52:26

Lowest Band Edge / Full RB



Date: 1 APR 2025 10:50:48

Highest Band Edge / Full RB

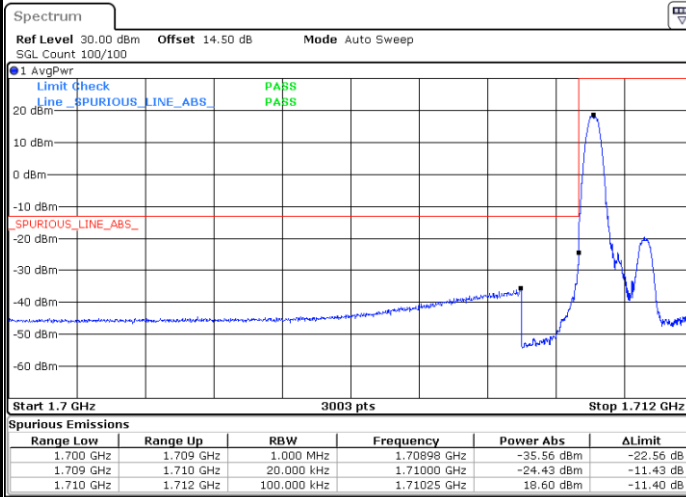


Date: 1 APR 2025 10:54:08

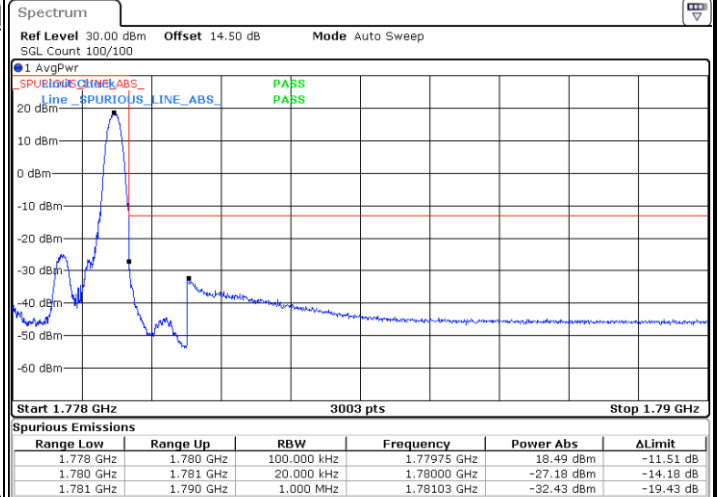


LTE Band 66 / 1.4MHz / 16QAM

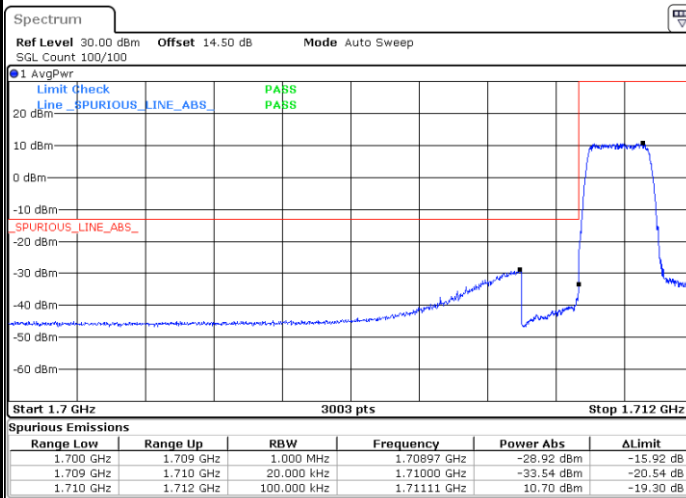
Lowest Band Edge / 1 RB



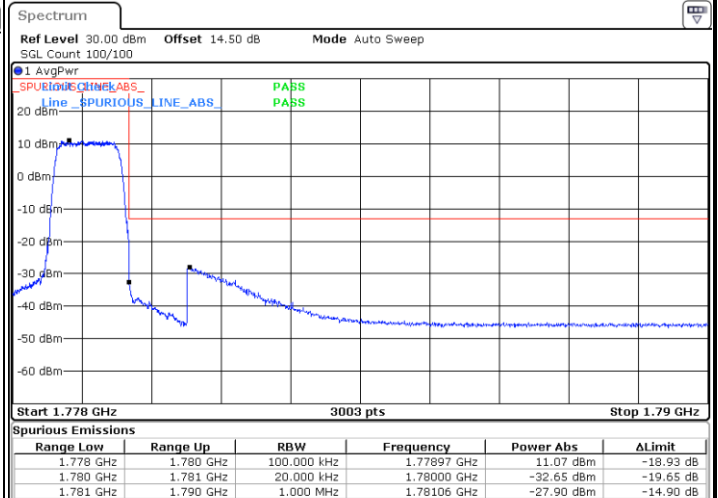
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



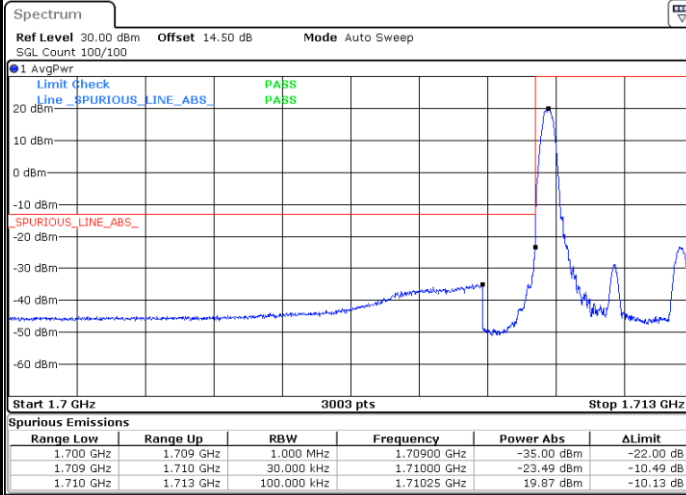
Highest Band Edge / Full RB





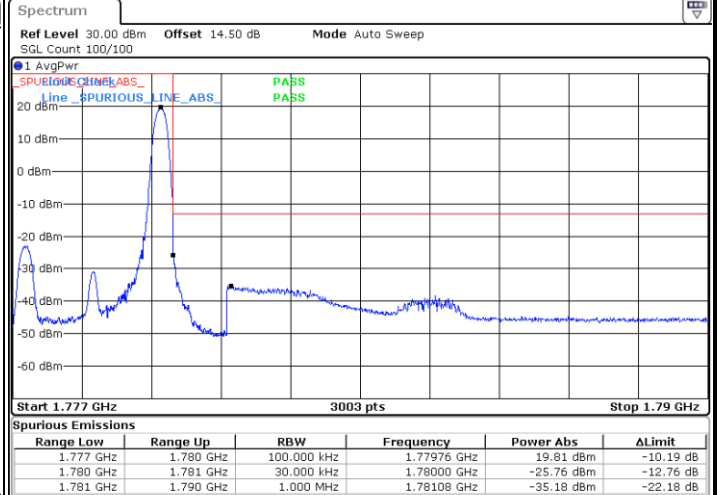
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



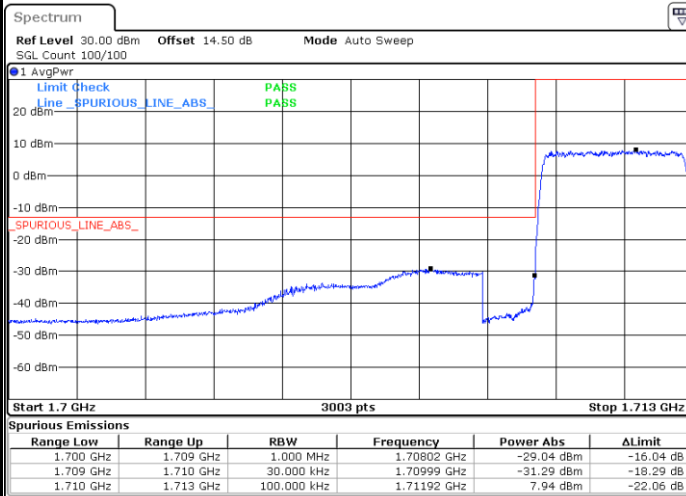
Date: 1 APR 2025 10:56:29

Highest Band Edge / 1RB



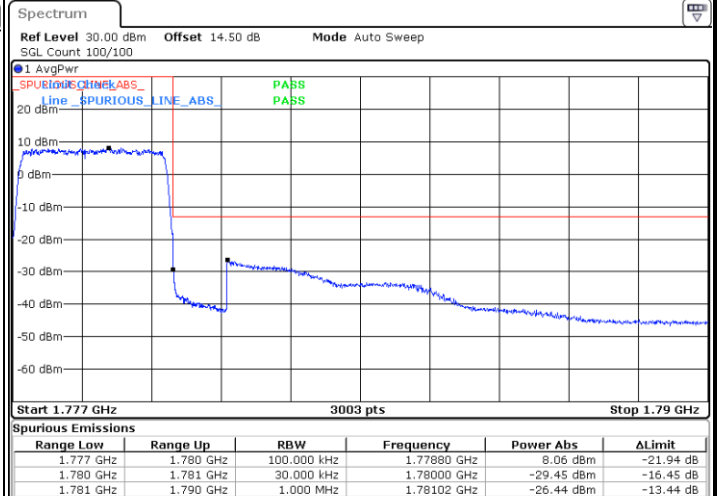
Date: 1 APR 2025 10:59:48

Lowest Band Edge / Full RB



Date: 1 APR 2025 10:58:07

Highest Band Edge / Full RB

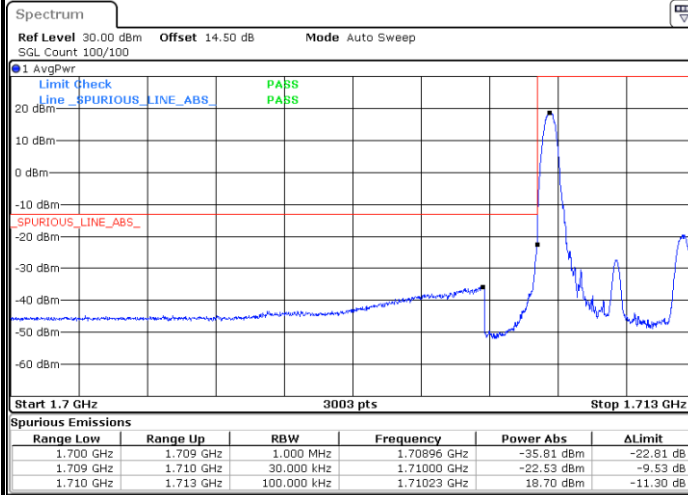


Date: 1 APR 2025 11:01:29



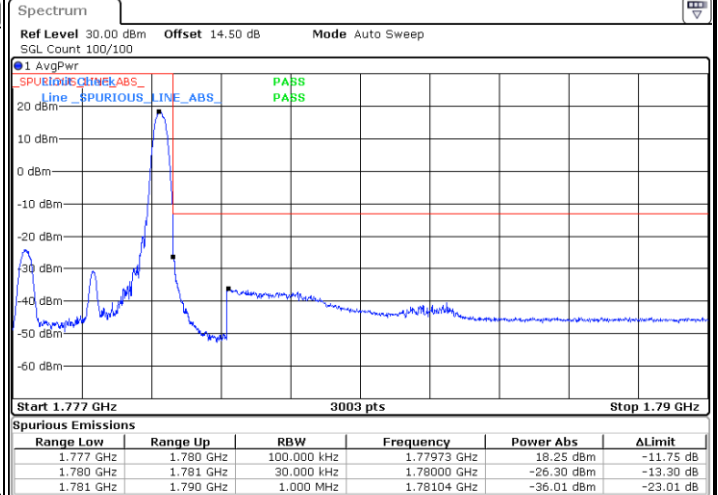
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



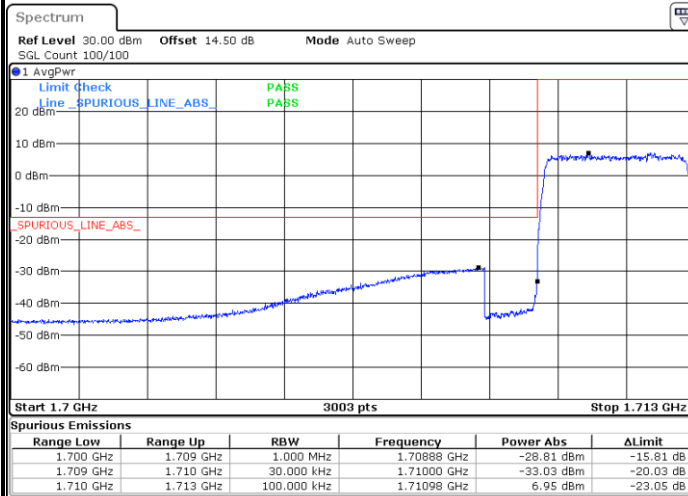
Date: 1 APR 2025 10:57:01

Highest Band Edge / 1 RB



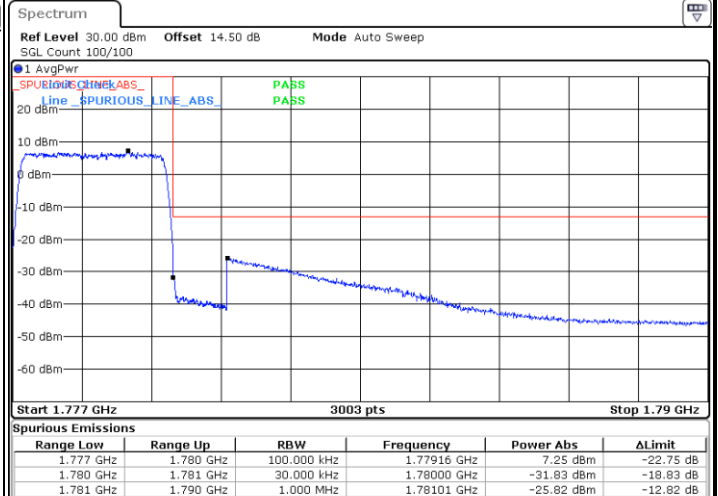
Date: 1 APR 2025 11:00:21

Lowest Band Edge / Full RB



Date: 1 APR 2025 10:58:39

Highest Band Edge / Full RB

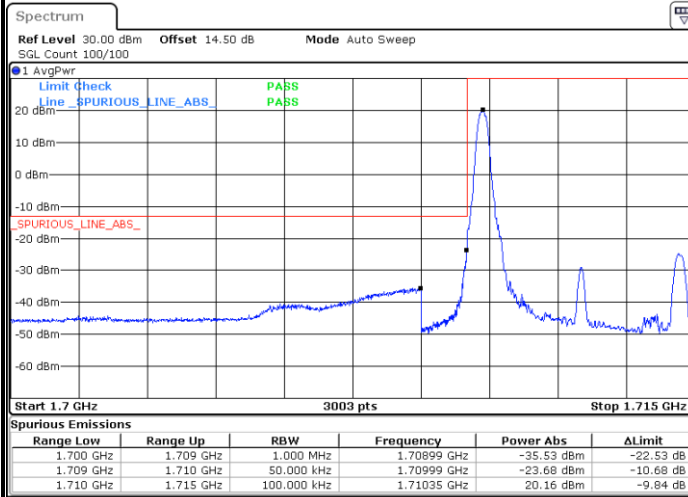


Date: 1 APR 2025 11:02:02

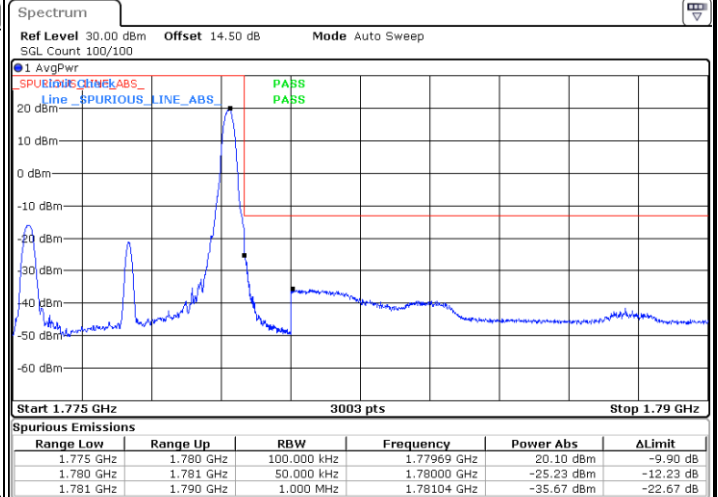


LTE Band 66 / 5MHz / QPSK

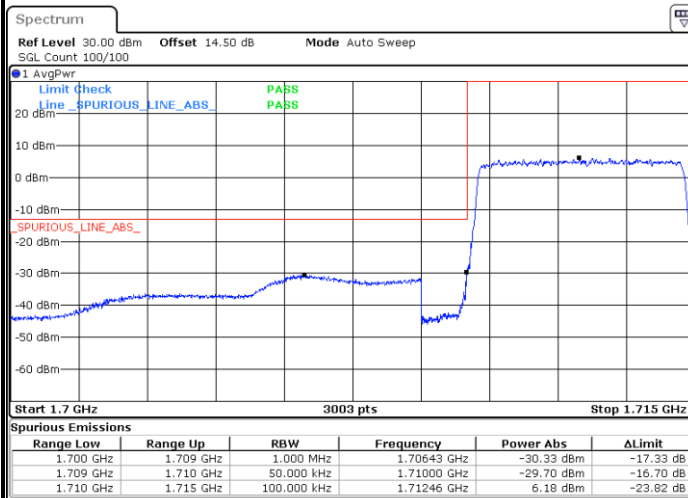
Lowest Band Edge / 1RB



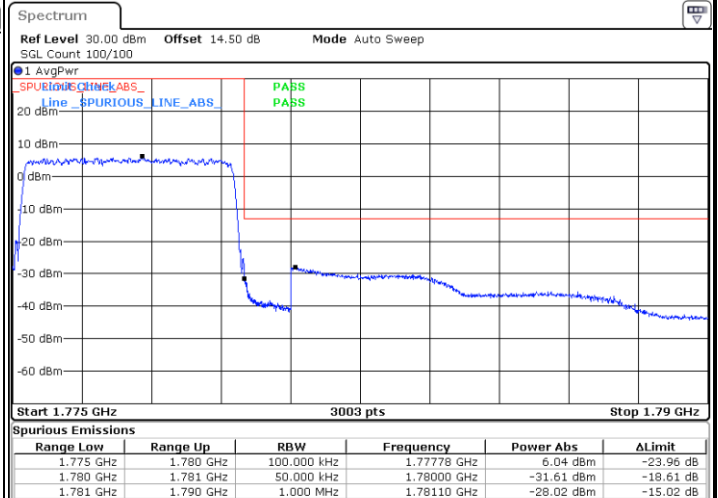
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



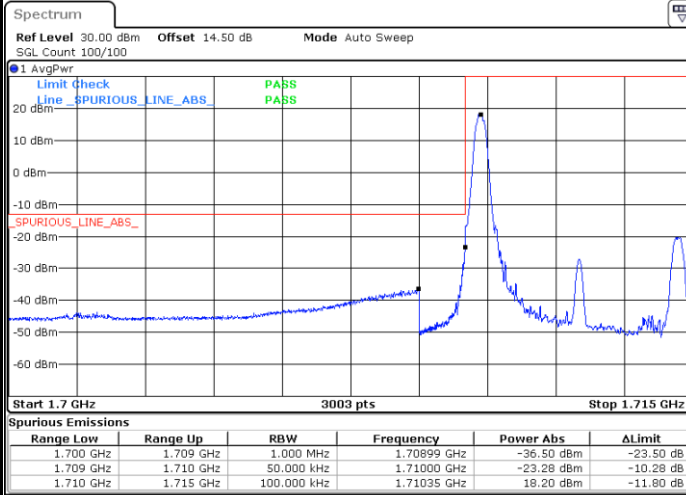
Highest Band Edge / Full RB



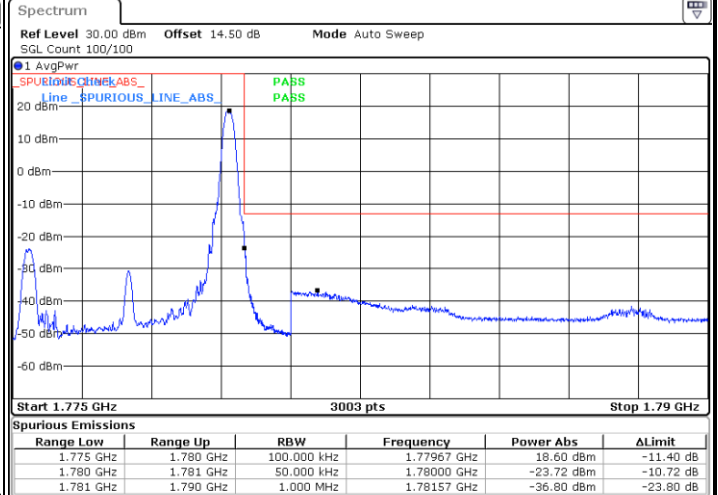


LTE Band 66 / 5MHz / 16QAM

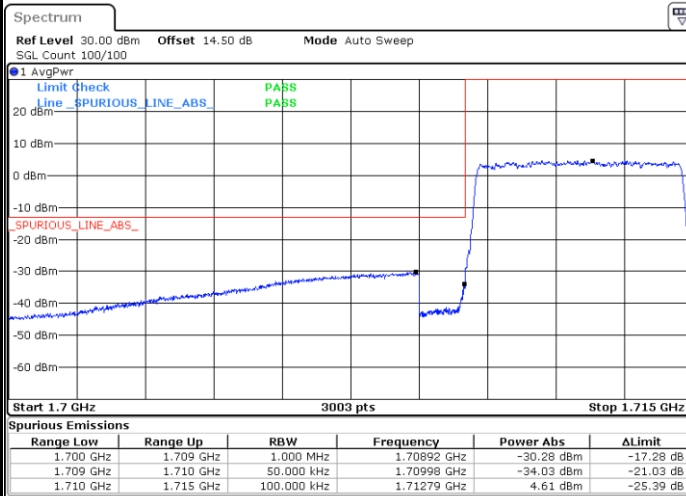
Lowest Band Edge / 1 RB



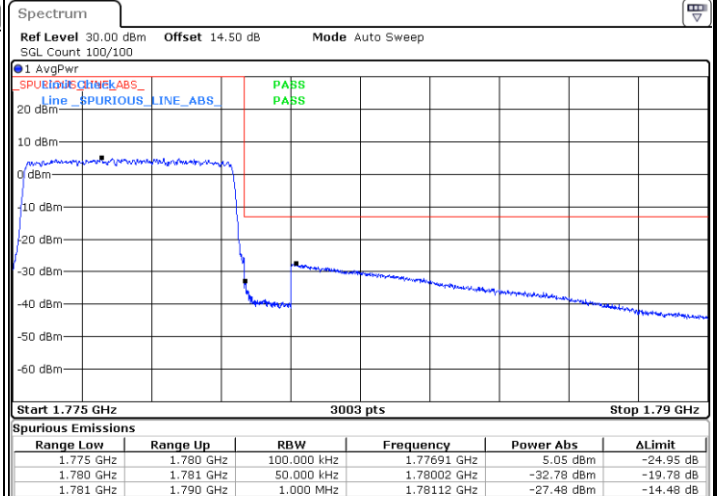
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



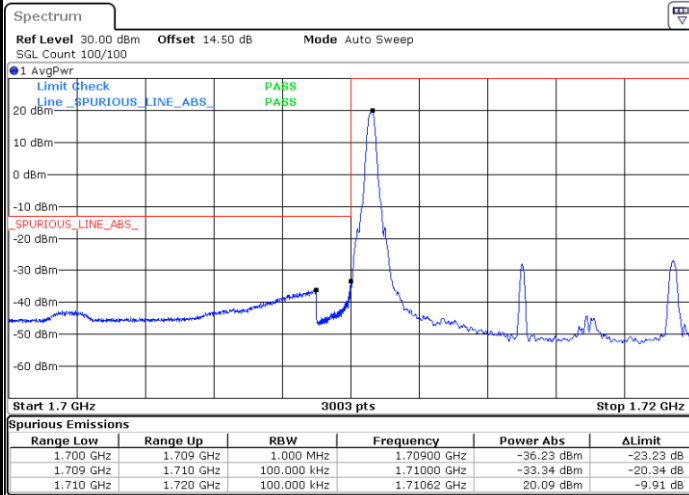
Highest Band Edge / Full RB



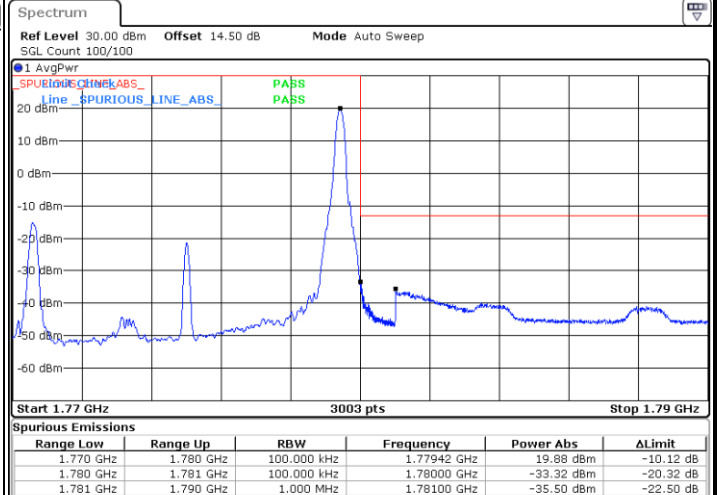


LTE Band 66 / 10MHz / QPSK

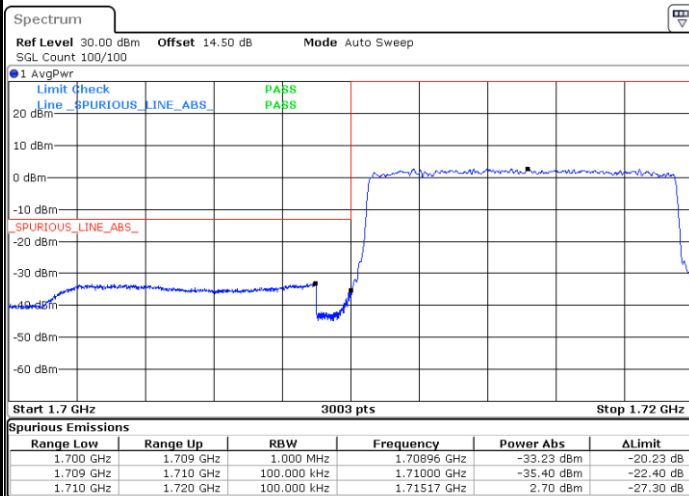
Lowest Band Edge / 1RB



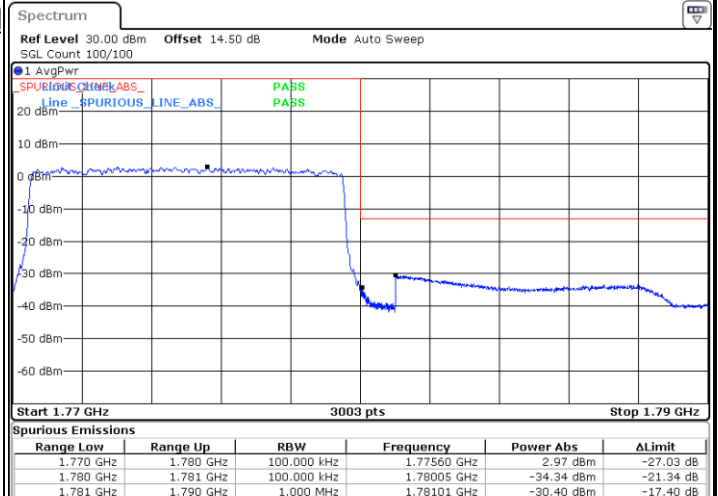
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



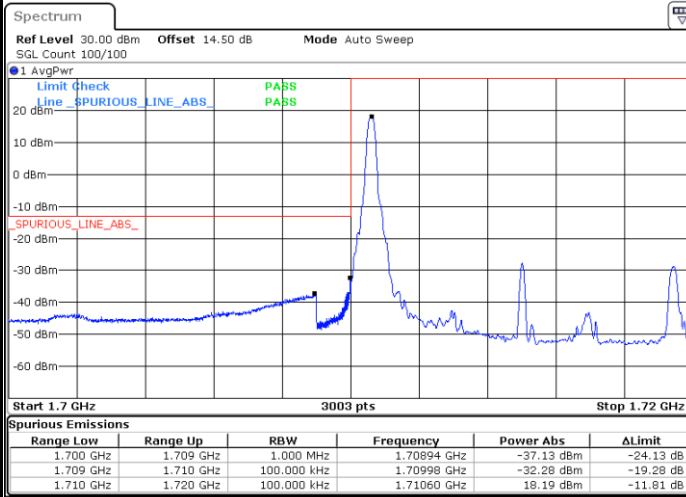
Highest Band Edge / Full RB



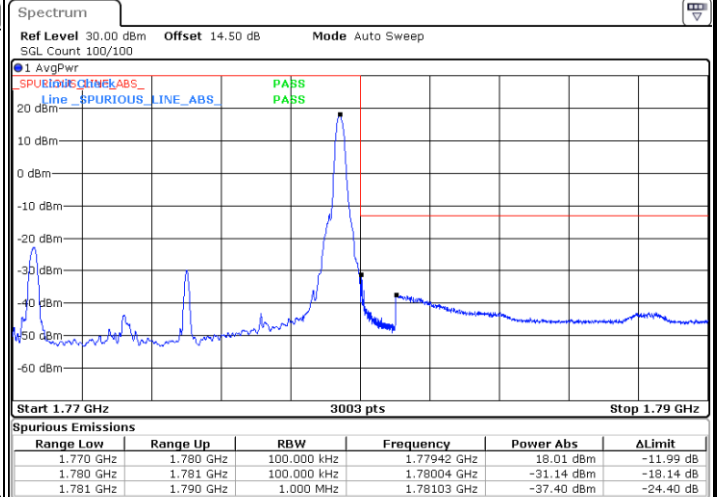


LTE Band 66 / 10MHz / 16QAM

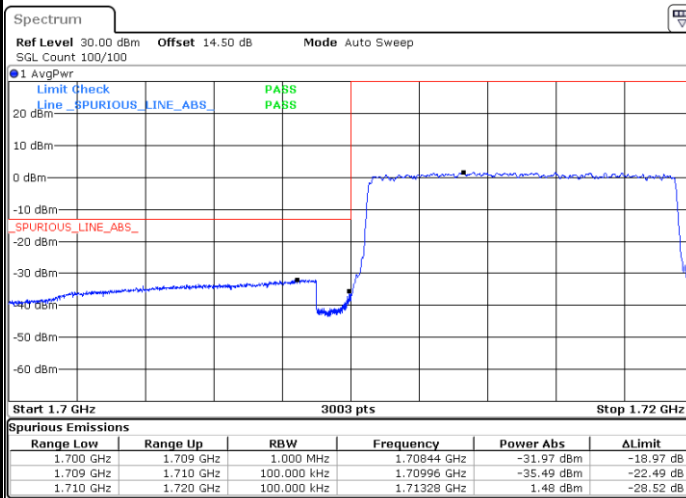
Lowest Band Edge / 1 RB



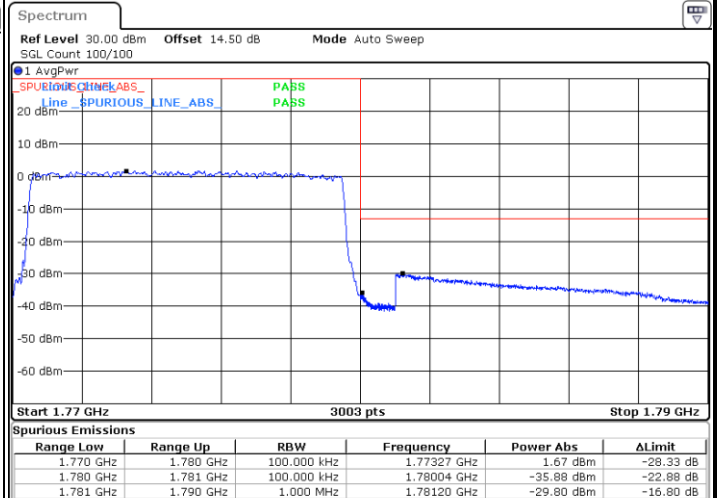
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



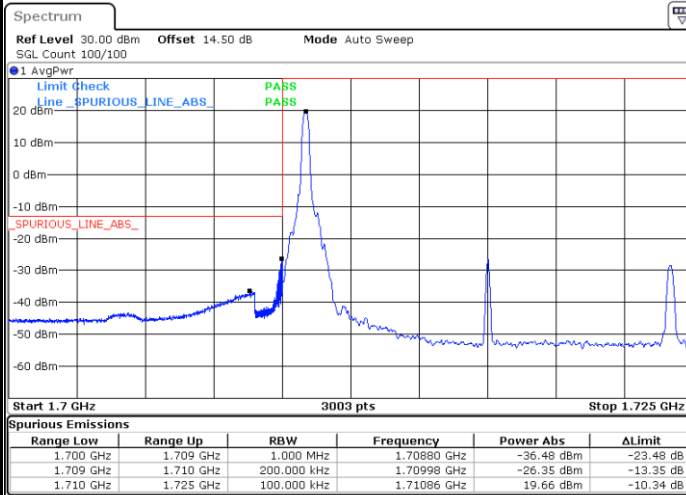
Highest Band Edge / Full RB



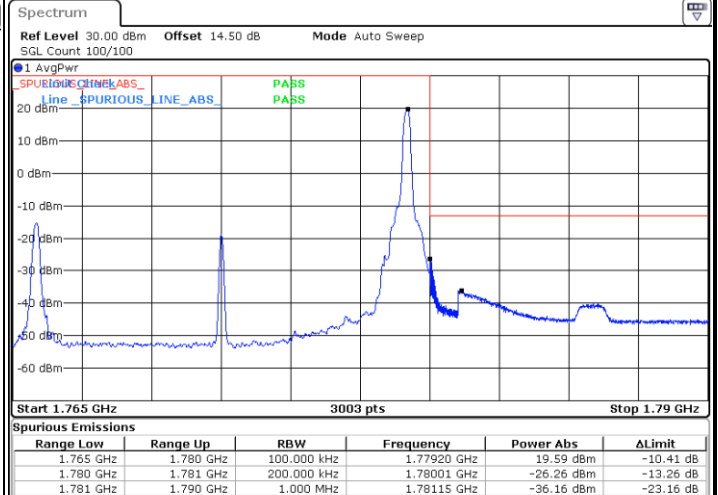


LTE Band 66 / 15MHz / QPSK

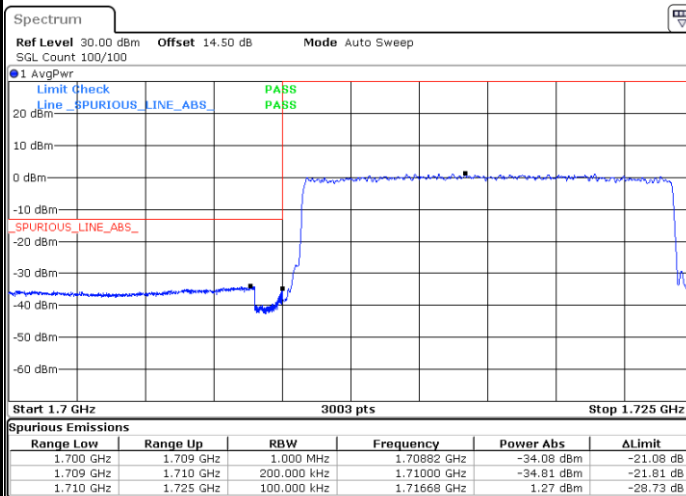
Lowest Band Edge / 1RB



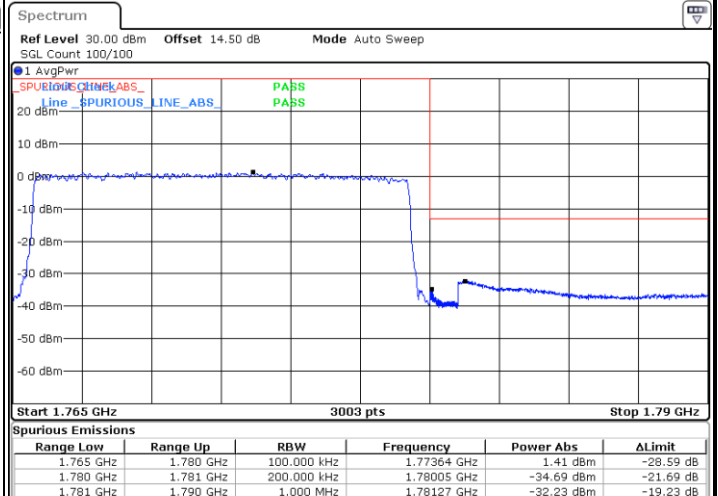
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



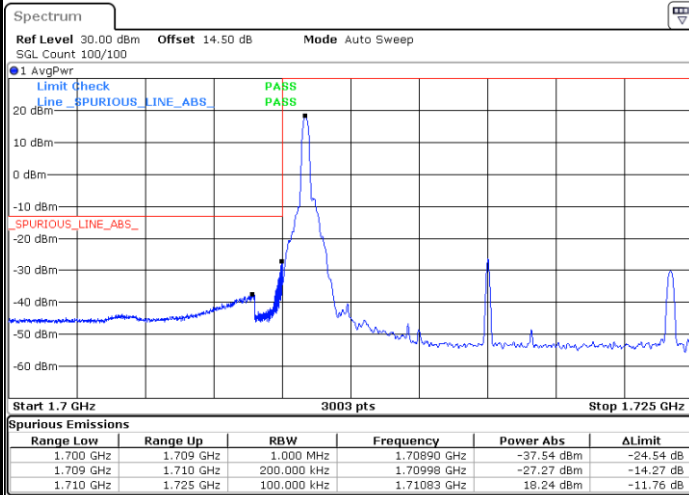
Highest Band Edge / Full RB



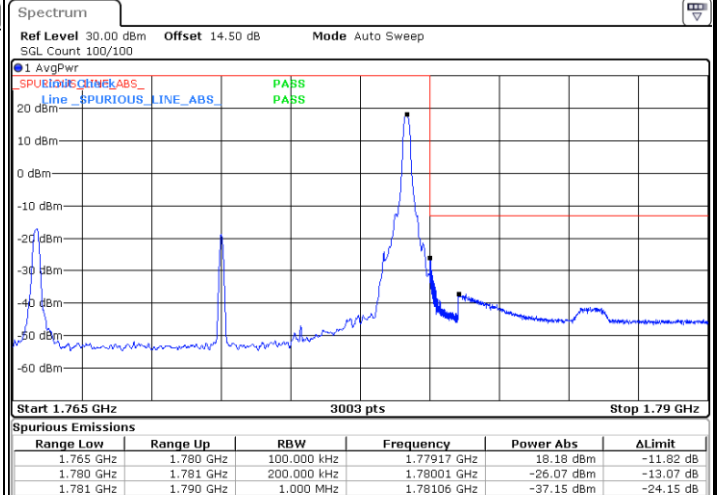


LTE Band 66 / 15MHz / 16QAM

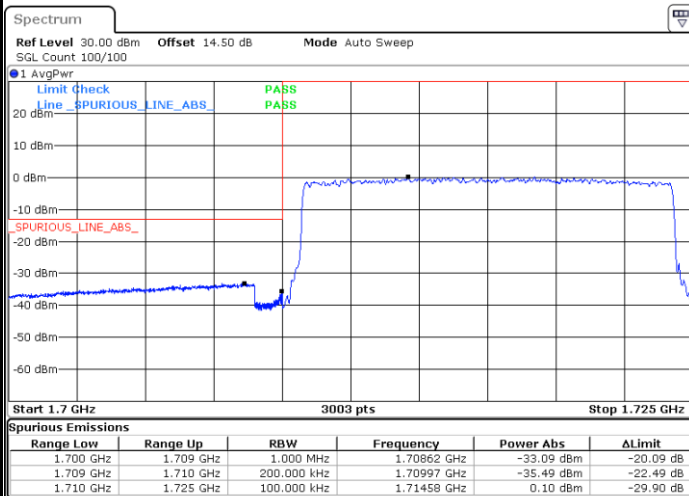
Lowest Band Edge / 1 RB



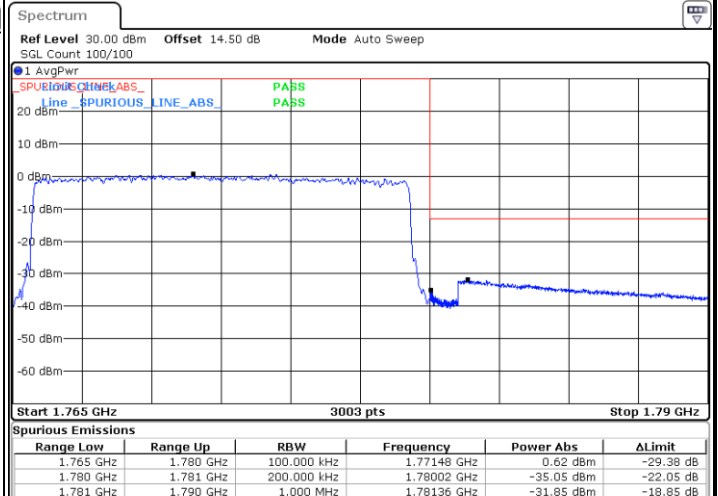
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



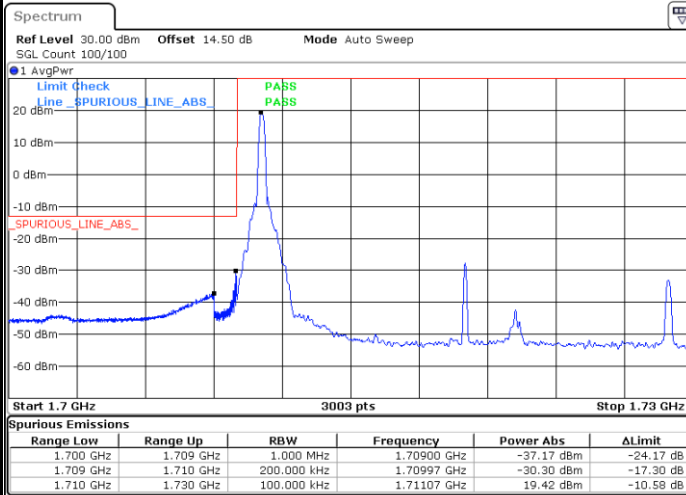
Highest Band Edge / Full RB



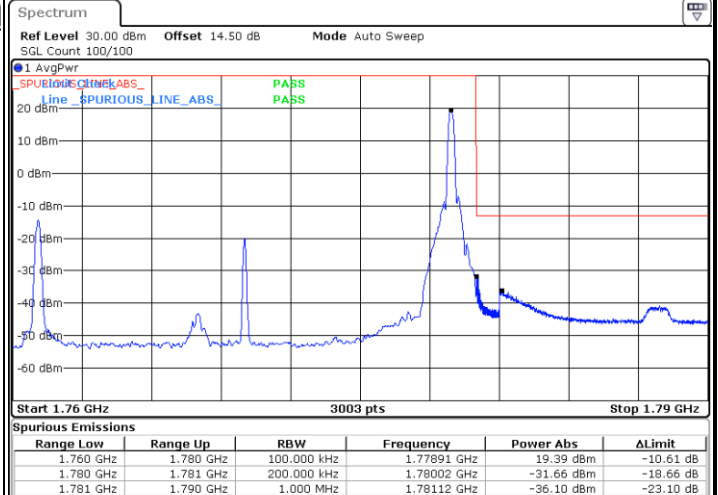


LTE Band 66 / 20MHz / QPSK

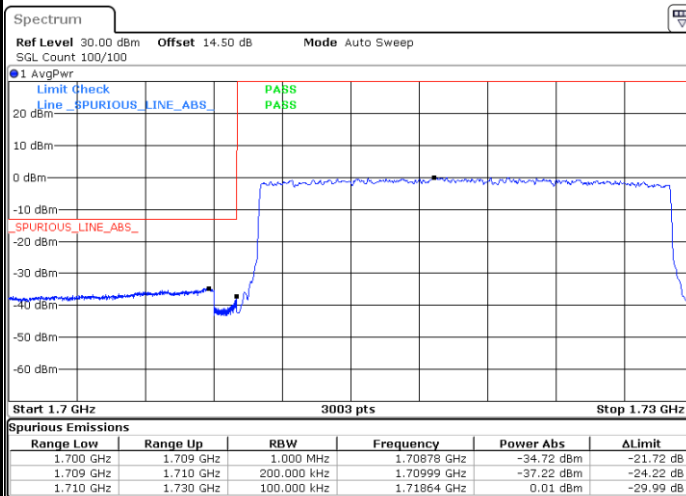
Lowest Band Edge / 1RB



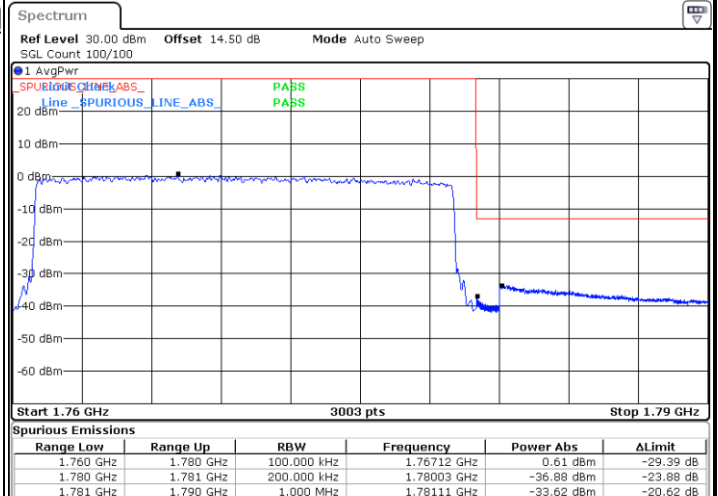
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



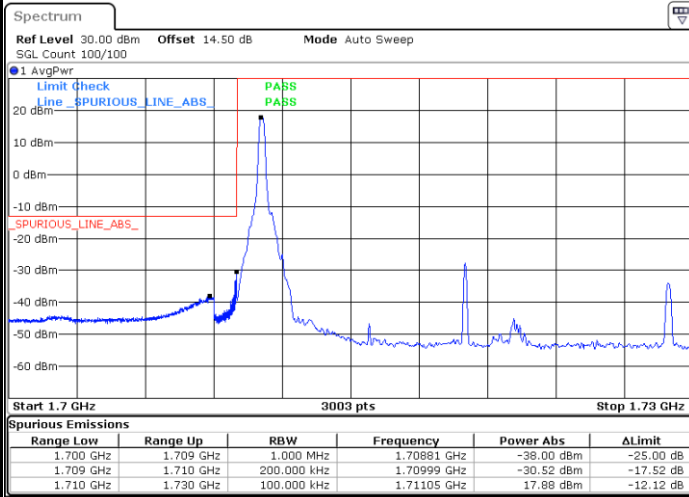
Highest Band Edge / Full RB



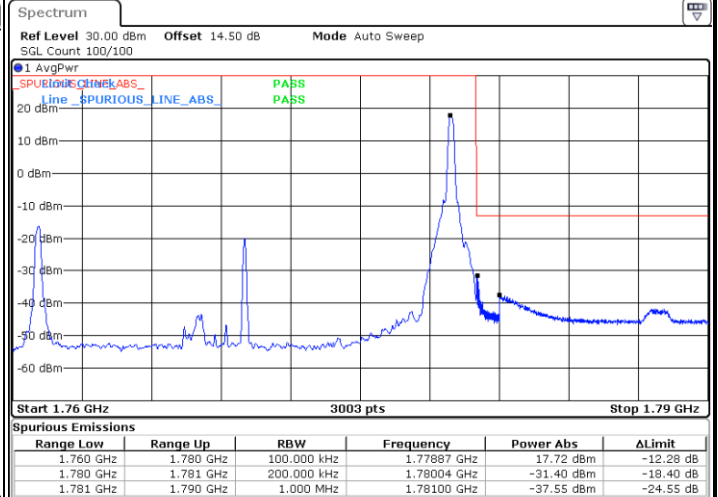


LTE Band 66 / 20MHz / 16QAM

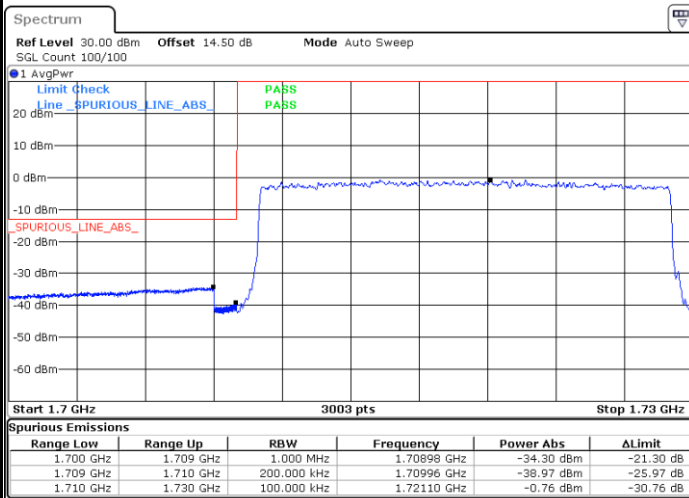
Lowest Band Edge / 1 RB



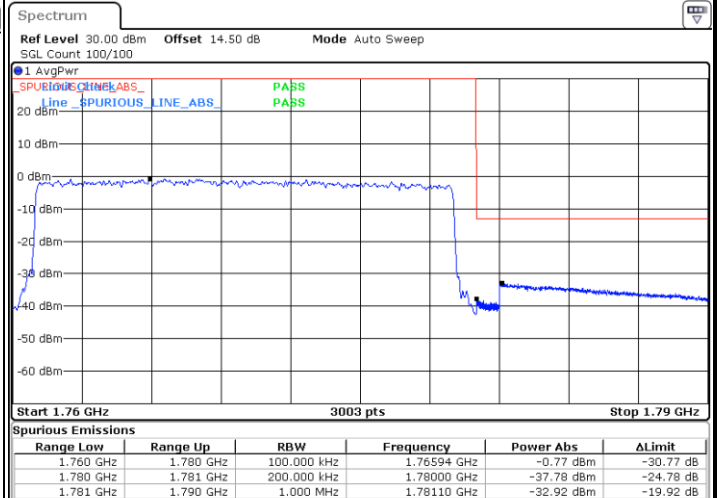
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

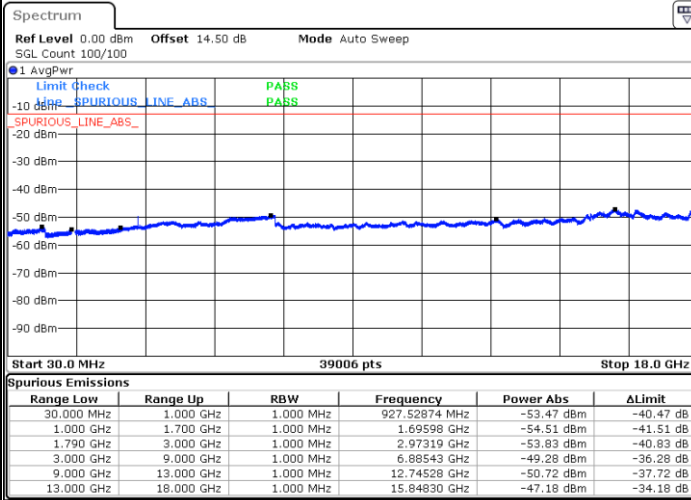




Conducted Spurious Emission

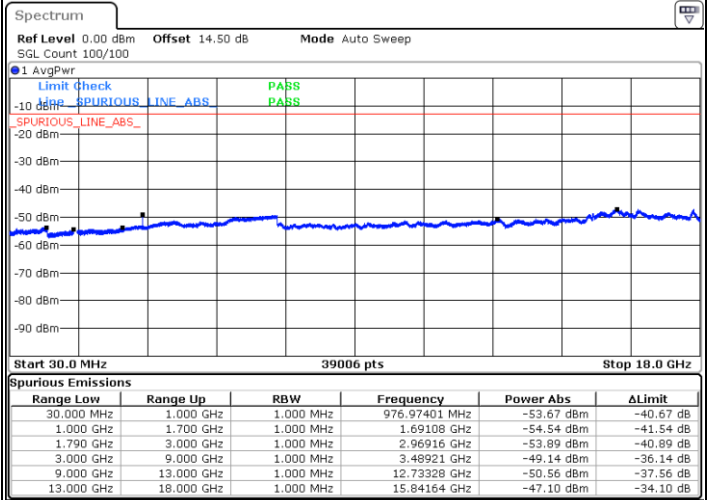
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



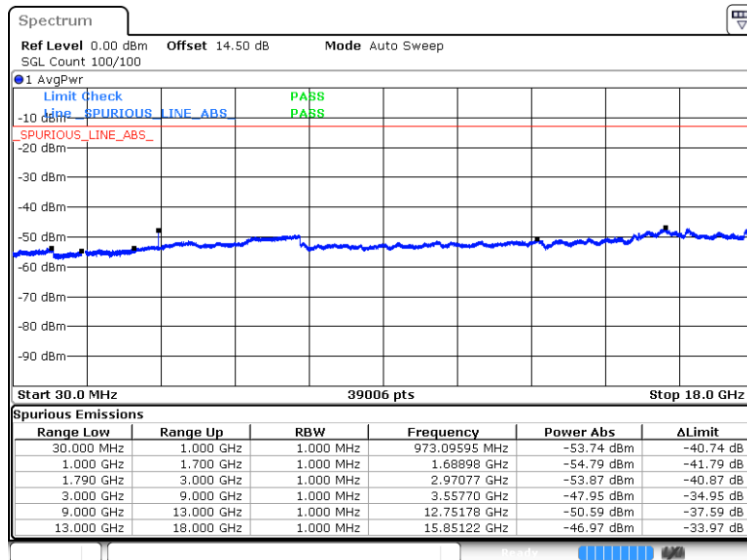
Date: 31.MAR.2025 20:19:28

Middle Channel / QPSK



Date: 31.MAR.2025 20:23:18

Highest Channel / QPSK

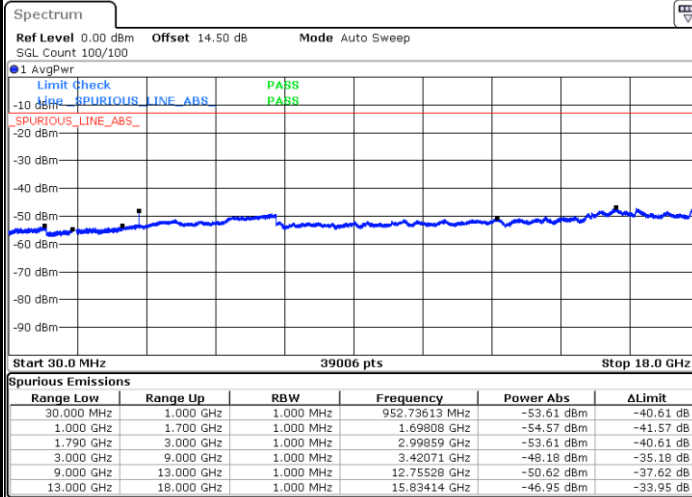


Date: 31.MAR.2025 20:28:26



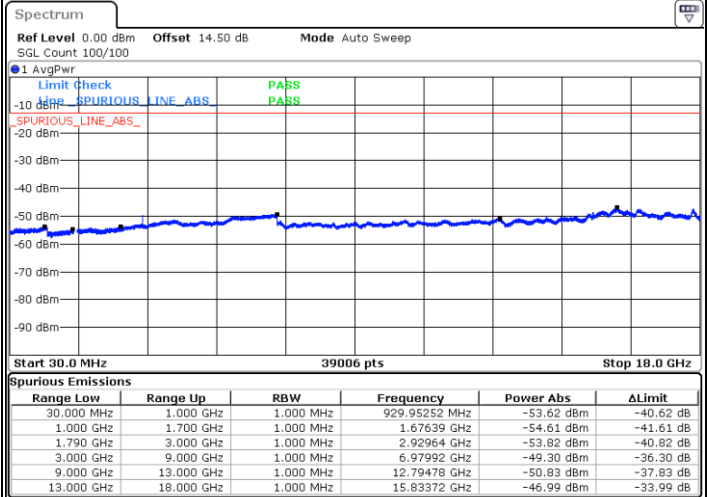
LTE Band 66 / 3MHz

Lowest Channel / QPSK



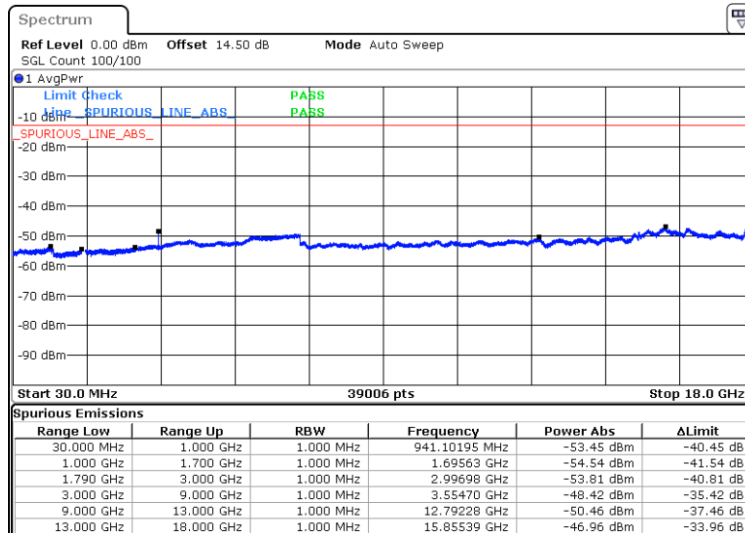
Date: 31.MAR.2025 20:35:37

Middle Channel / QPSK



Date: 31.MAR.2025 20:39:27

Highest Channel / QPSK



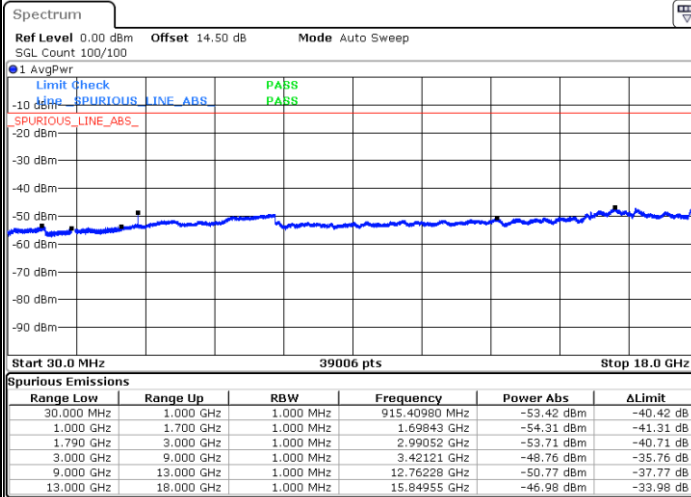
Date: 31.MAR.2025 20:47:14



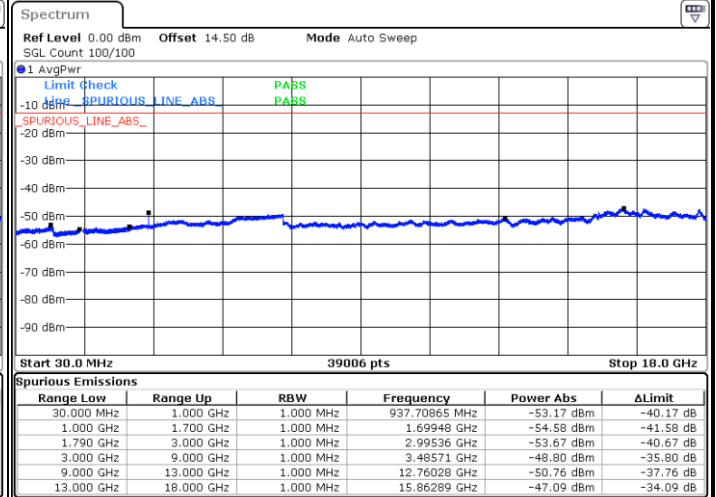
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

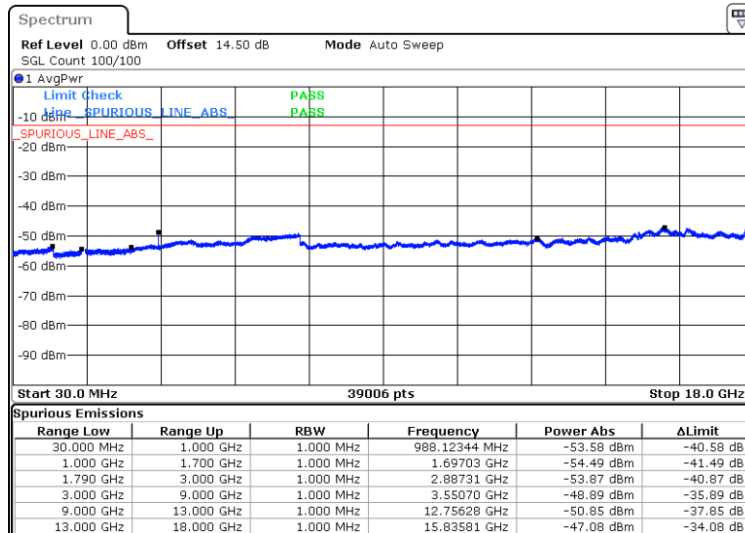


Date: 31.MAR.2025 20:51:44



Date: 31.MAR.2025 20:55:31

Highest Channel / QPSK

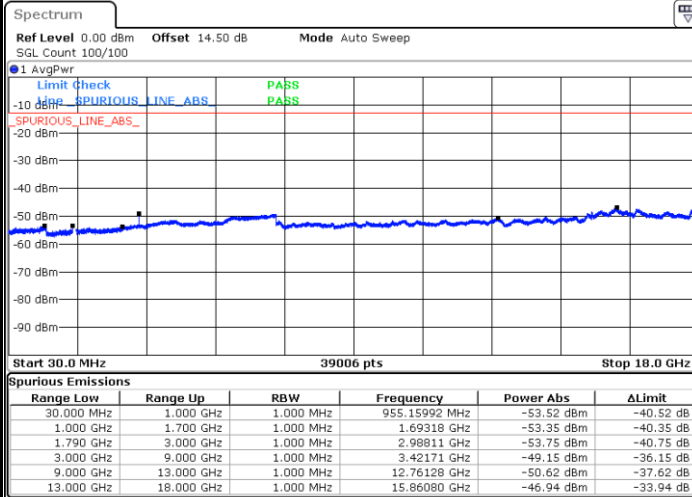


Date: 31.MAR.2025 21:03:19



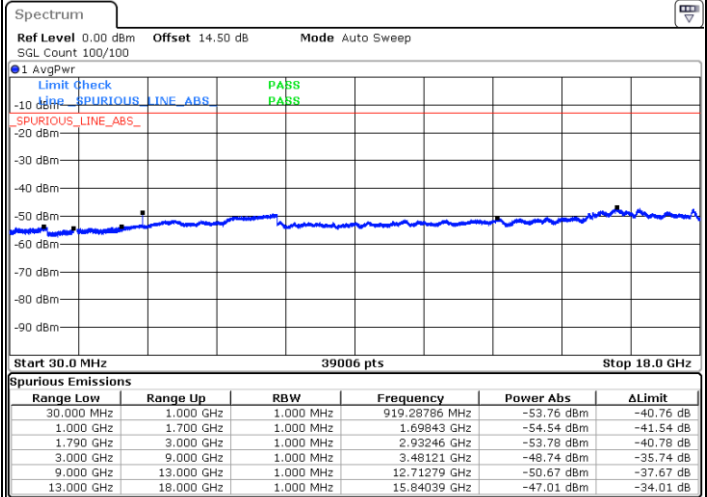
LTE Band 66 / 10MHz

Lowest Channel / QPSK



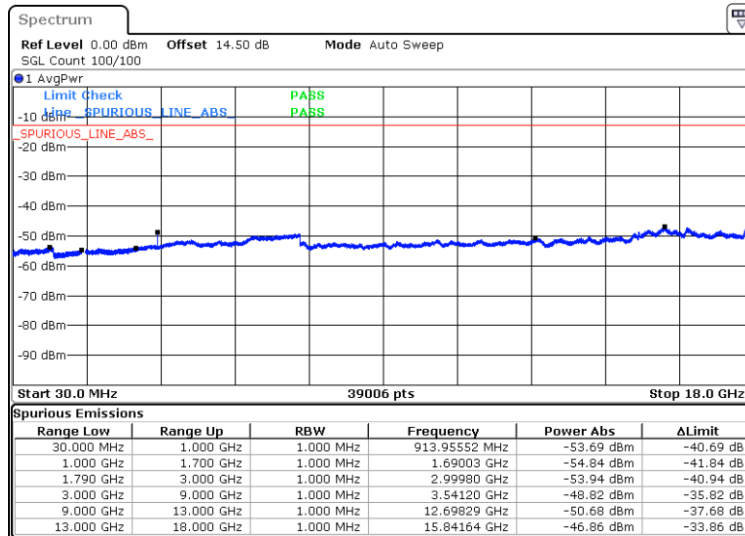
Date: 31.MAR.2025 21:10:29

Middle Channel / QPSK



Date: 31.MAR.2025 21:11:38

Highest Channel / QPSK

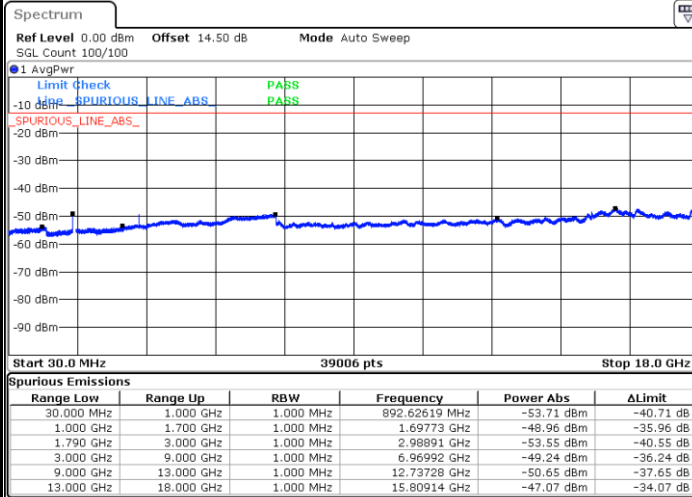


Date: 31.MAR.2025 21:19:25



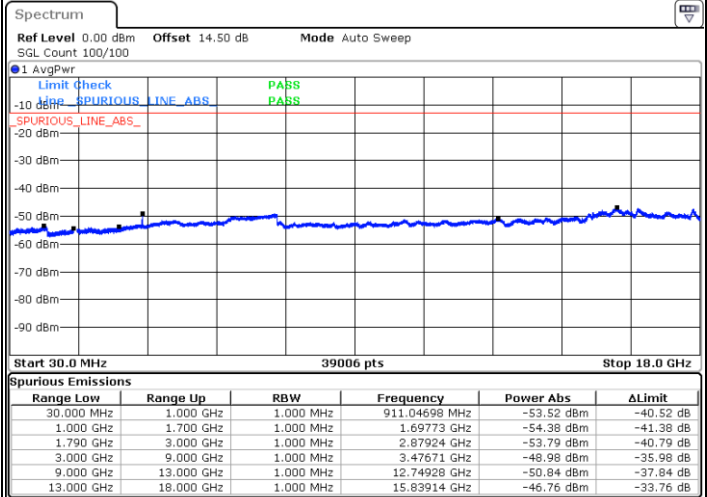
LTE Band 66 / 15MHz

Lowest Channel / QPSK



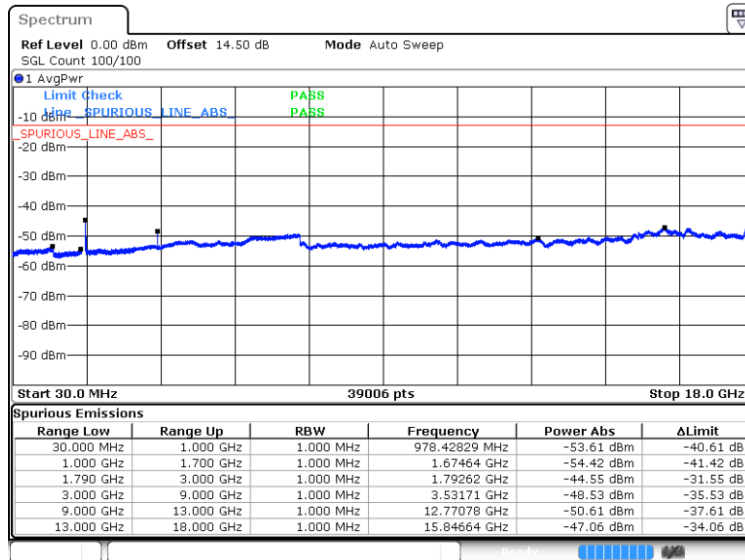
Date: 31.MAR.2025 21:26:32

Middle Channel / QPSK



Date: 31.MAR.2025 21:27:42

Highest Channel / QPSK

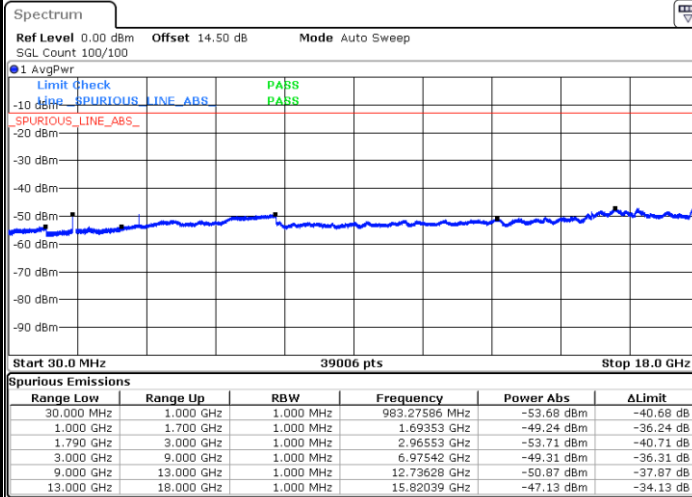


Date: 31.MAR.2025 21:35:32



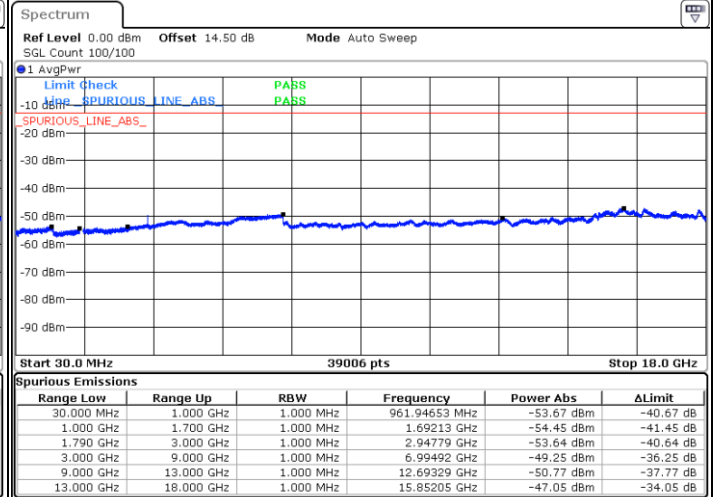
LTE Band 66 / 20MHz

Lowest Channel / QPSK



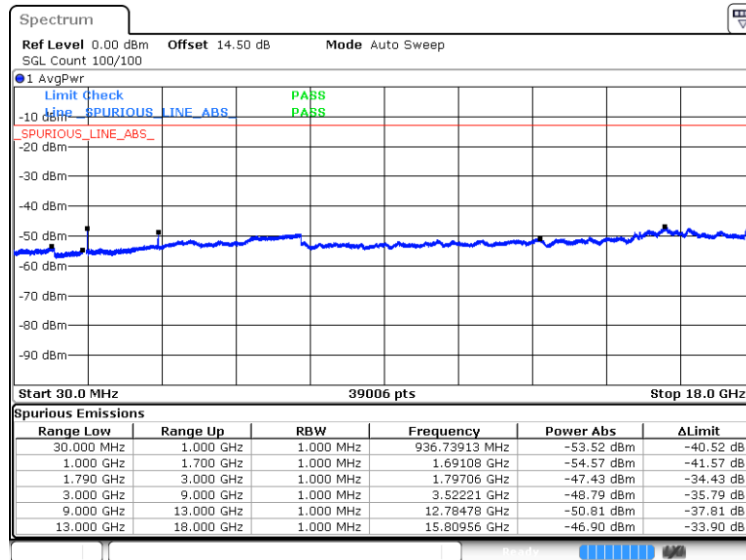
Date: 31.MAR.2025 21:42:43

Middle Channel / QPSK



Date: 31.MAR.2025 21:43:52

Highest Channel / QPSK



Date: 31.MAR.2025 21:51:42

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	-2.7	PASS
40	Normal Voltage	2.8	
30	Normal Voltage	1.2	
20(Ref.)	Normal Voltage	3.3	
10	Normal Voltage	-1.2	
0	Normal Voltage	-2.1	
-10	Normal Voltage	2.7	
-20	Normal Voltage	6.8	
-30	Normal Voltage	3.5	
20	Maximum Voltage	6.9	
20	Normal Voltage	4.3	
20	Minimum Voltage	-4.9	

Note:

1. Normal Voltage = 12 V.; Minimum Voltage = 9 V.; Maximum Voltage = 43 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 6.9\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1710.151743	$\geq 1710 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1779.853857	$\leq 1780 \text{ MHz}$	



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

LTE Band 25 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-55.20	-13	-42.20	-67.46	2.64	14.90	H
	5550	-54.12	-13	-41.12	-65.98	2.94	14.80	H
	7410	-51.93	-13	-38.93	-61.70	3.39	13.16	H
	3705	-54.91	-13	-41.91	-67.17	2.64	14.90	V
	5550	-54.54	-13	-41.54	-66.40	2.94	14.80	V
	7410	-52.30	-13	-39.30	-62.07	3.39	13.16	V
Middle	3750	-54.54	-13	-41.54	-66.80	2.64	14.90	H
	5625	-53.49	-13	-40.49	-65.35	2.94	14.80	H
	7500	-51.06	-13	-38.06	-60.83	3.39	13.16	H
	3750	-54.49	-13	-41.49	-66.75	2.64	14.90	V
	5625	-54.02	-13	-41.02	-65.88	2.94	14.80	V
	7500	-51.53	-13	-38.53	-61.30	3.39	13.16	V
Highest	3795	-55.15	-13	-42.15	-67.41	2.64	14.90	H
	5685	-53.43	-13	-40.43	-65.29	2.94	14.80	H
	7590	-51.62	-13	-38.62	-61.39	3.39	13.16	H
	3795	-54.86	-13	-41.86	-67.12	2.64	14.90	V
	5685	-54.36	-13	-41.36	-66.22	2.94	14.80	V
	7590	-50.65	-13	-37.65	-60.42	3.39	13.16	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)
Lowest	1648	-62.88	-13	-49.88	-69.85	1.58	10.70	H
	2472	-58.55	-13	-45.55	-66.80	2.102	12.50	H
	3296	-57.84	-13	-44.84	-66.73	2.856	13.90	H
	1648	-60.48	-13	-47.48	-67.45	1.58	10.70	V
	2472	-57.19	-13	-44.19	-65.44	2.10	12.50	V
	3296	-57.75	-13	-44.75	-66.64	2.86	13.90	V
Middle	1656	-61.30	-13	-48.30	-68.27	1.58	10.70	H
	2488	-59.55	-13	-46.55	-67.80	2.102	12.50	H
	3320	-57.61	-13	-44.61	-66.50	2.856	13.90	H
	1656	-57.49	-13	-44.49	-64.46	1.58	10.70	V
	2488	-57.65	-13	-44.65	-65.90	2.10	12.50	V
	3320	-57.74	-13	-44.74	-66.63	2.86	13.90	V
Highest	1672	-60.45	-13	-47.45	-67.42	1.58	10.70	H
	2504	-59.14	-13	-46.14	-67.39	2.102	12.50	H
	3336	-58.03	-13	-45.03	-66.92	2.856	13.90	H
	1672	-56.53	-13	-43.53	-63.50	1.58	10.70	V
	2504	-57.96	-13	-44.96	-66.21	2.10	12.50	V
	3336	-58.09	-13	-45.09	-66.98	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-57.24	-13	-44.24	-67.98	2.604	13.34	H
	5130	-54.46	-13	-41.46	-64.97	3.011	13.52	H
	6840	-53.79	-13	-40.79	-63.99	3.271	13.47	H
	3420	-57.11	-13	-44.11	-67.85	2.604	13.34	V
	5130	-54.28	-13	-41.28	-64.79	3.011	13.52	V
	6840	-53.82	-13	-40.82	-64.02	3.271	13.47	V
Middle	3465	-56.82	-13	-43.82	-67.56	2.604	13.34	H
	5205	-53.90	-13	-40.90	-64.41	3.011	13.52	H
	6945	-53.33	-13	-40.33	-63.53	3.271	13.47	H
	3465	-57.09	-13	-44.09	-67.83	2.604	13.34	V
	5205	-54.39	-13	-41.39	-64.90	3.011	13.52	V
	6945	-53.29	-13	-40.29	-63.49	3.271	13.47	V
Highest	3525	-56.22	-13	-43.22	-66.96	2.604	13.34	H
	5280	-53.97	-13	-40.97	-64.48	3.011	13.52	H
	7050	-52.52	-13	-39.52	-62.72	3.271	13.47	H
	3525	-57.05	-13	-44.05	-67.79	2.604	13.34	V
	5280	-54.53	-13	-41.53	-65.04	3.011	13.52	V
	7050	-52.97	-13	-39.97	-63.17	3.271	13.47	V

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