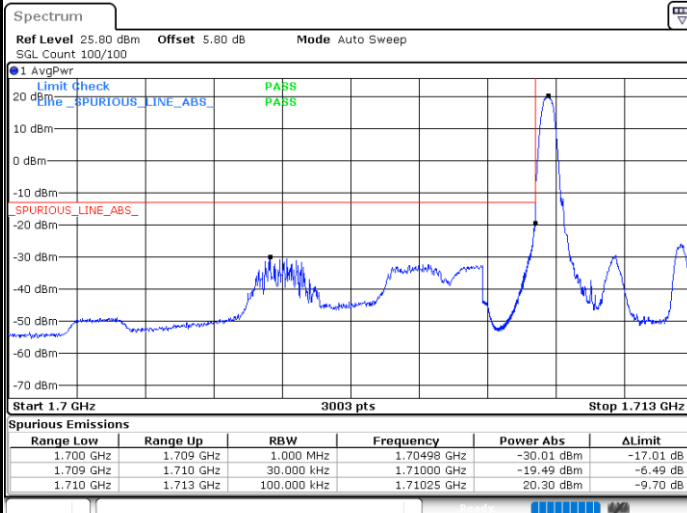




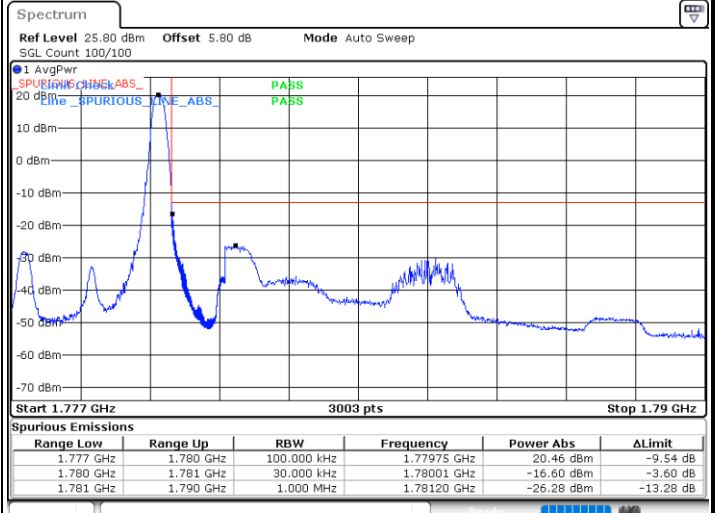
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



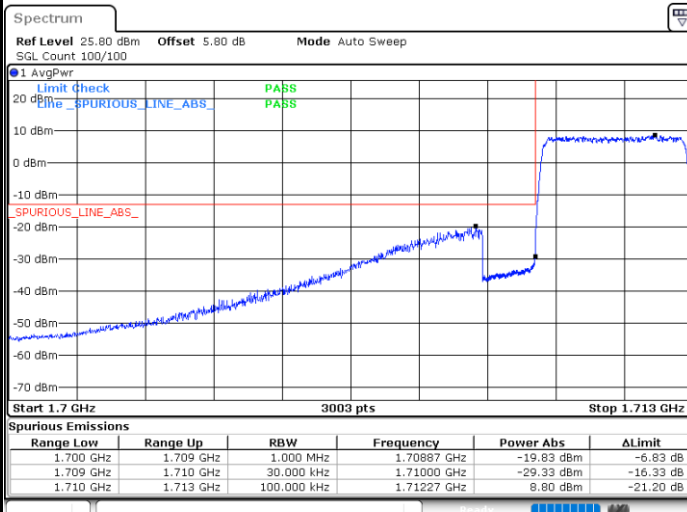
Date: 2.NOV.2023 18:53:47

Highest Band Edge / 1 RB



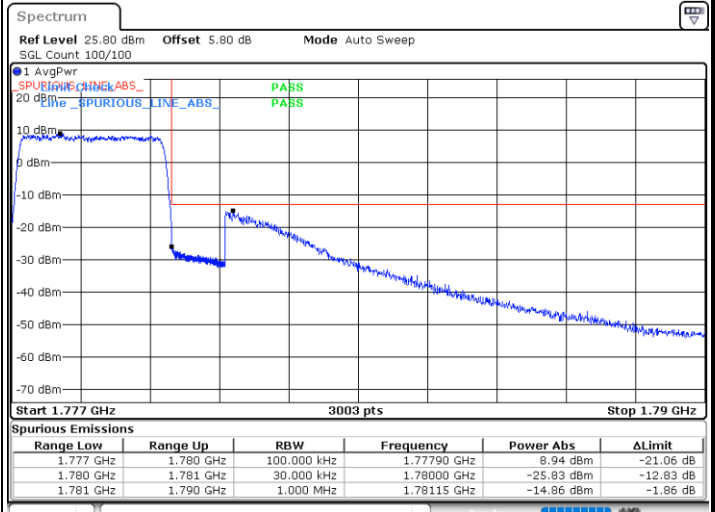
Date: 2.NOV.2023 19:04:26

Lowest Band Edge / Full RB



Date: 2.NOV.2023 18:57:47

Highest Band Edge / Full RB

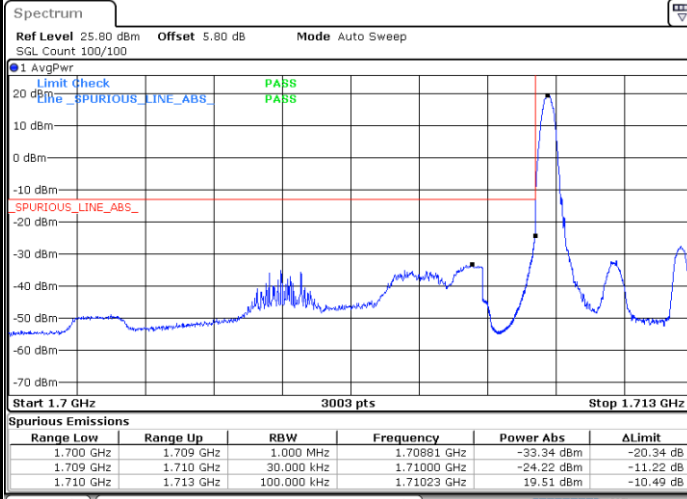


Date: 2.NOV.2023 19:08:27



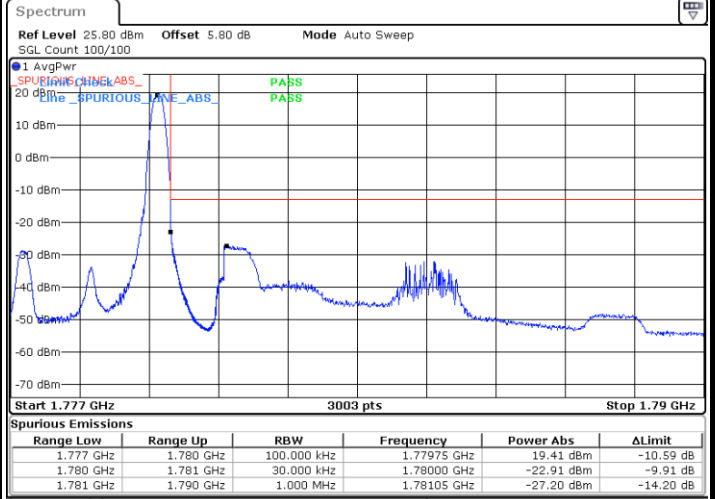
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



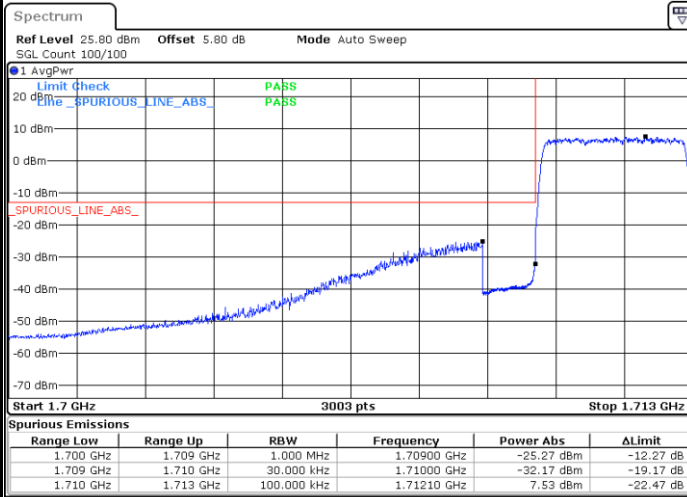
Date: 2.NOV.2023 18:55:07

Highest Band Edge / 1 RB



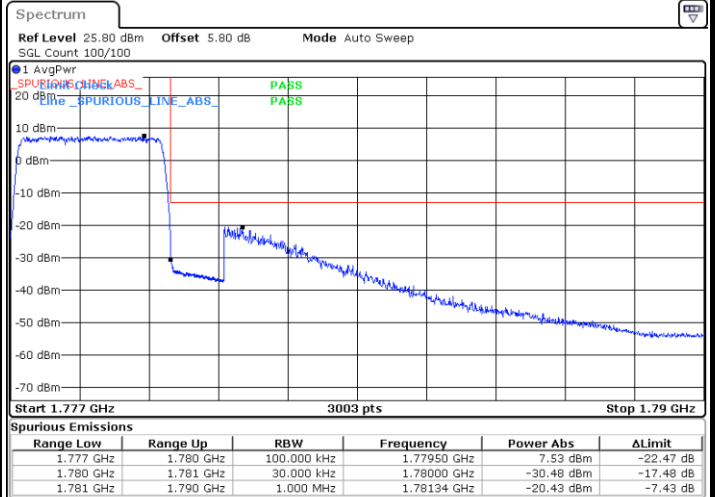
Date: 2.NOV.2023 19:05:46

Lowest Band Edge / Full RB



Date: 2.NOV.2023 18:56:27

Highest Band Edge / Full RB

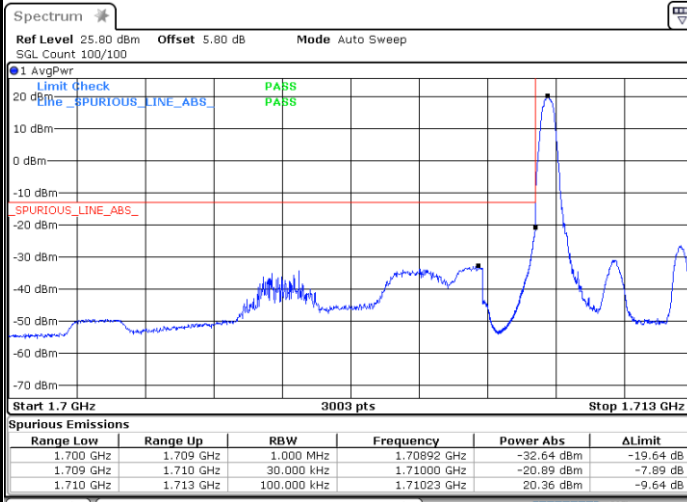


Date: 2.NOV.2023 19:07:06



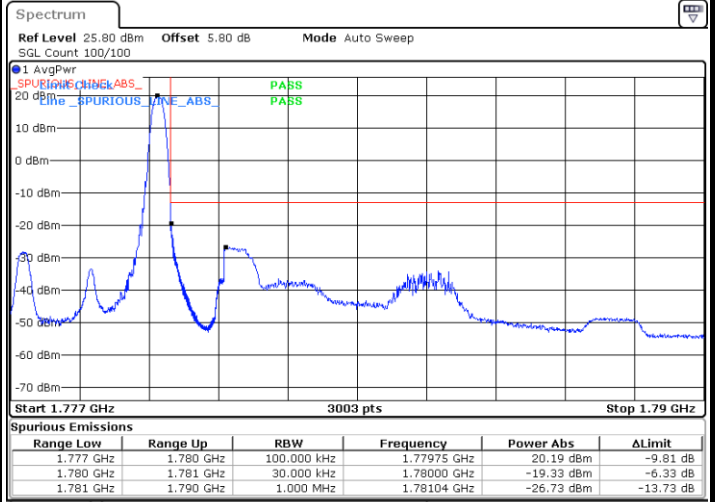
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



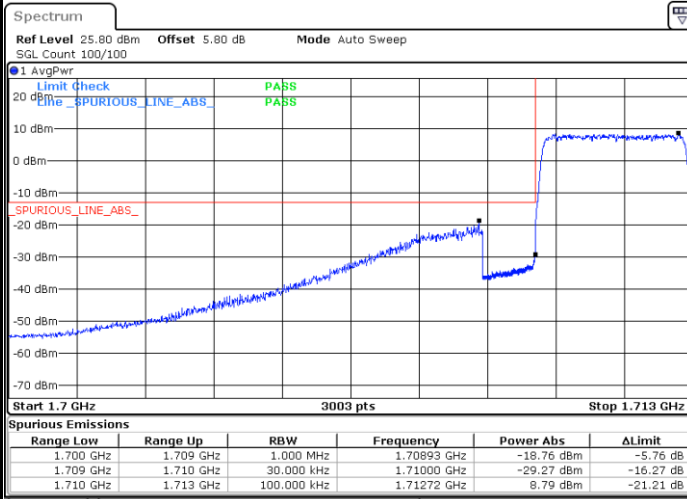
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Highest Band Edge / 1 RB



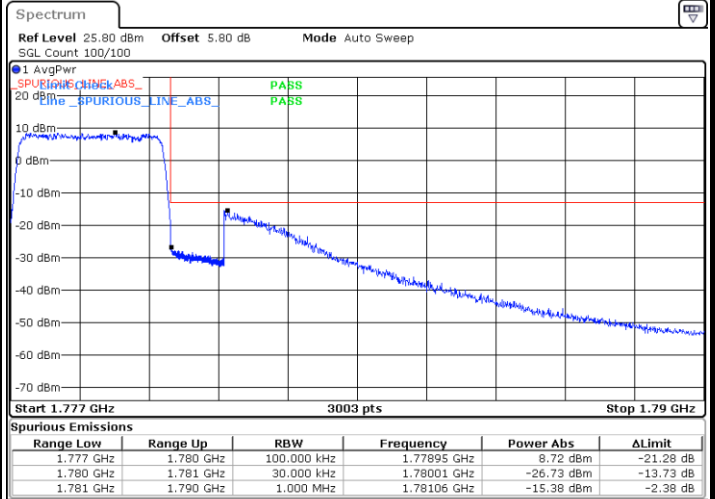
Date: 2.NOV.2023 21:00:41

Lowest Band Edge / Full RB



Date: 2.NOV.2023 20:58:02

Highest Band Edge / Full RB

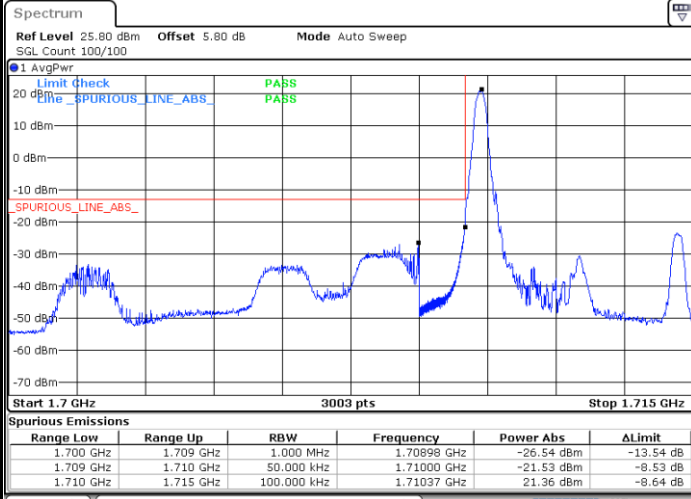


Date: 2.NOV.2023 20:59:20



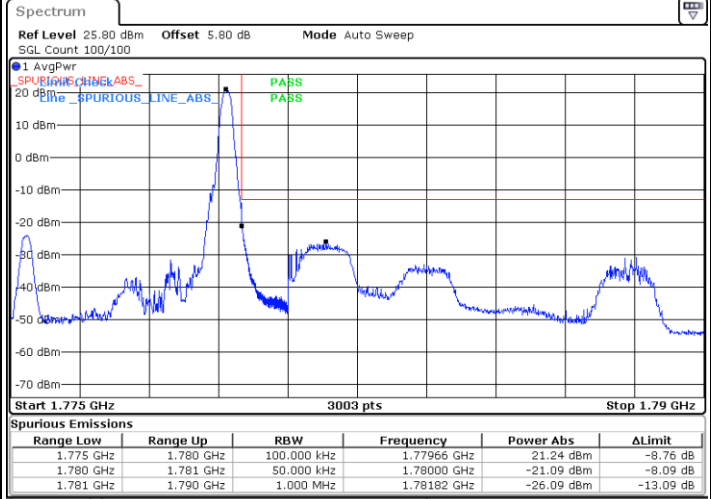
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



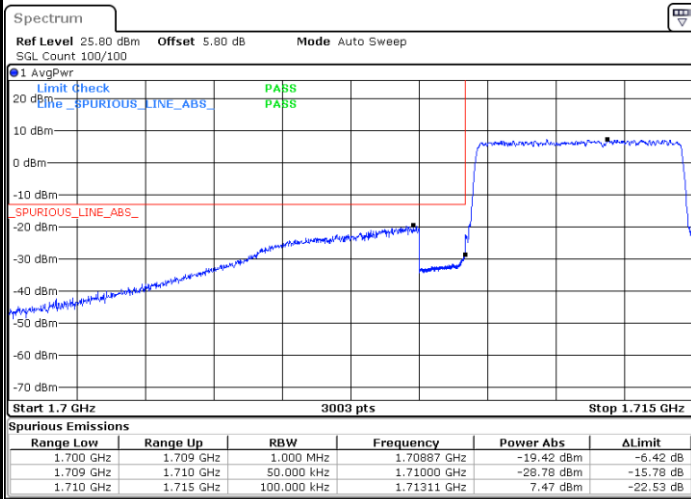
Date: 2.NOV.2023 19:12:28

Highest Band Edge / 1 RB



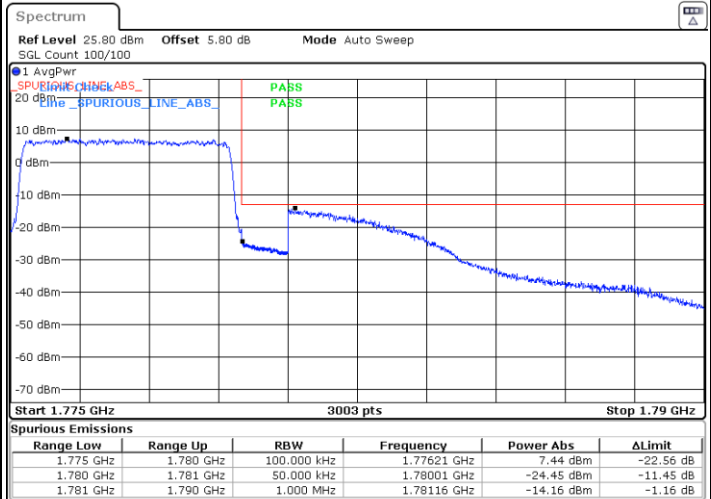
Date: 2.NOV.2023 19:22:18

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:18:27

Highest Band Edge / Full RB

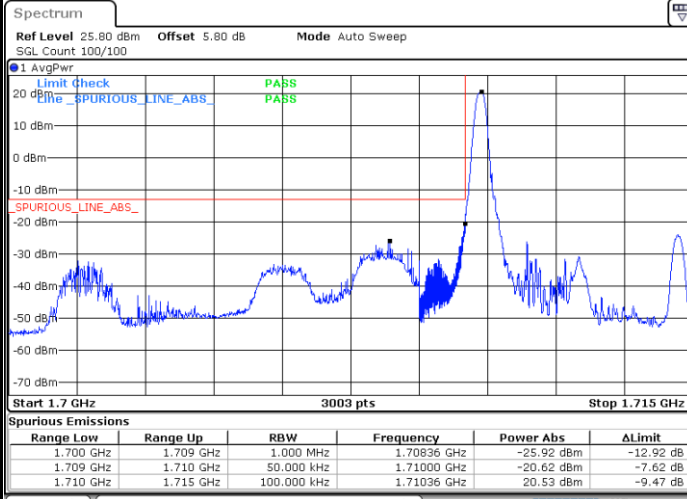


Date: 1.NOV.2023 18:33:27



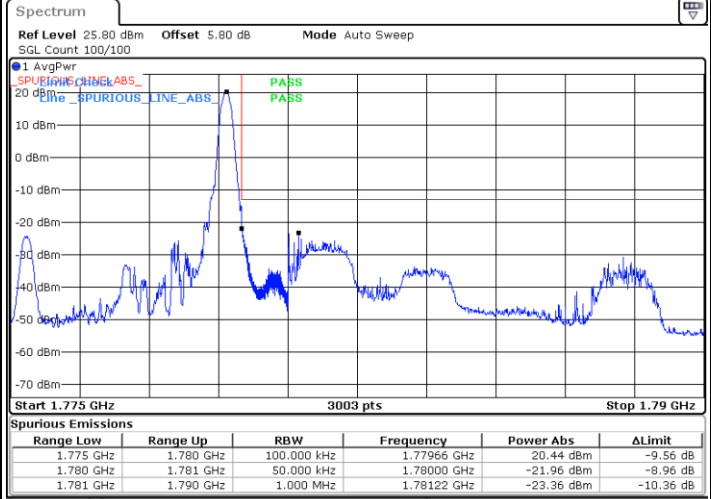
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



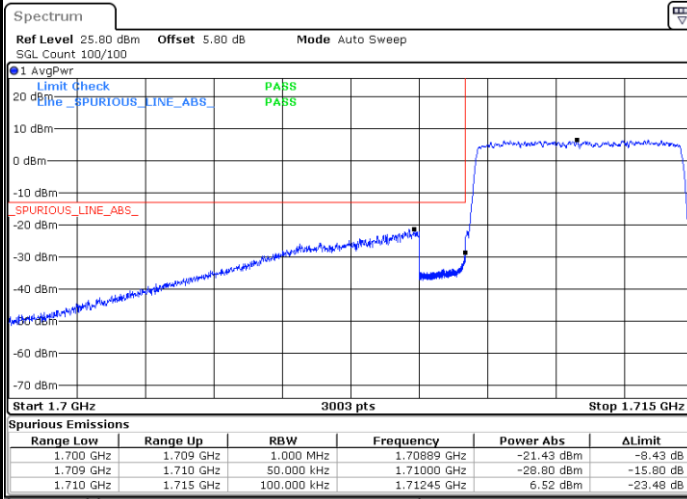
Date: 2.NOV.2023 19:13:47

Highest Band Edge / 1 RB



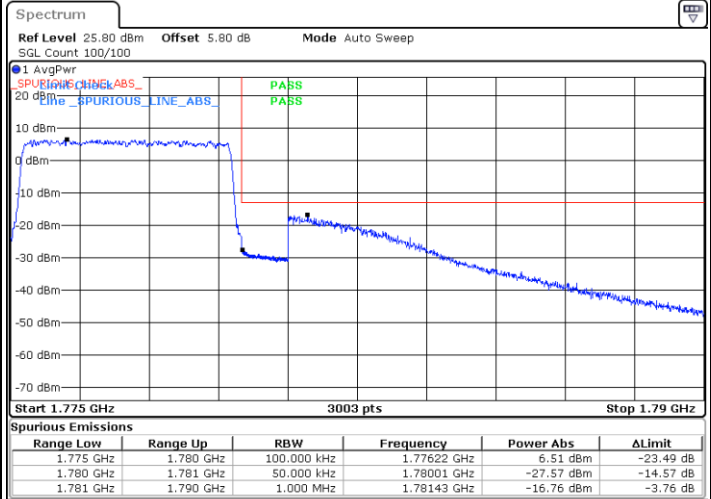
Date: 2.NOV.2023 19:23:28

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:17:17

Highest Band Edge / Full RB

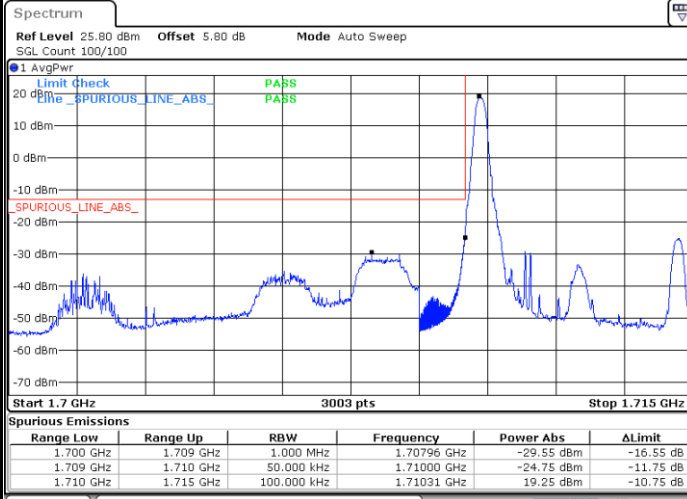


Date: 2.NOV.2023 19:26:48



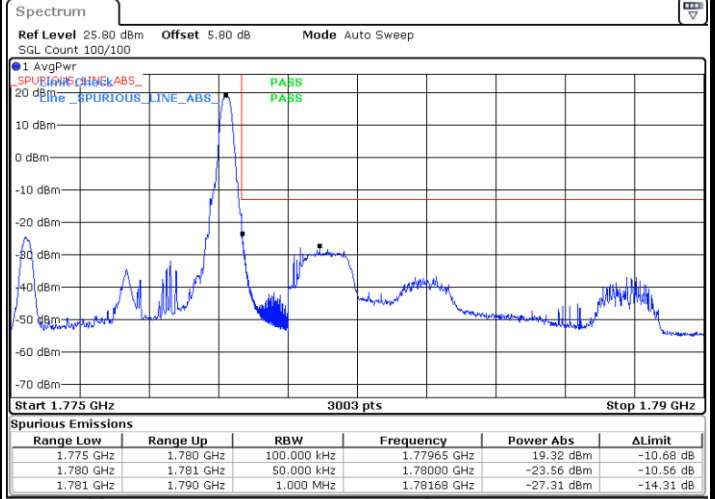
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



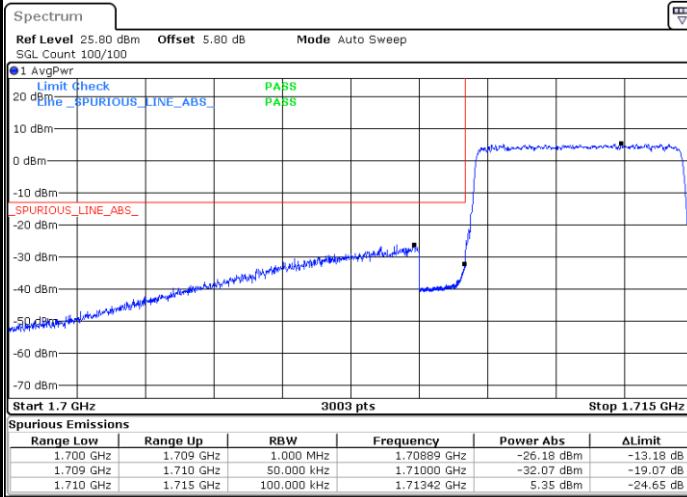
Date: 2.NOV.2023 19:14:57

Highest Band Edge / 1 RB



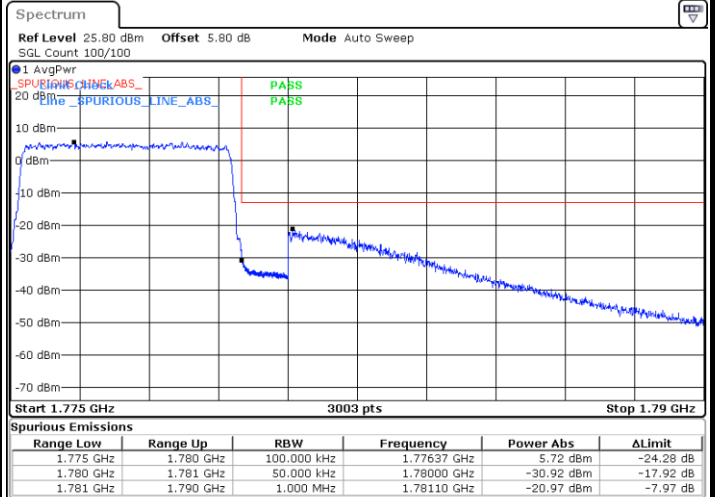
Date: 2.NOV.2023 19:24:38

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:16:07

Highest Band Edge / Full RB

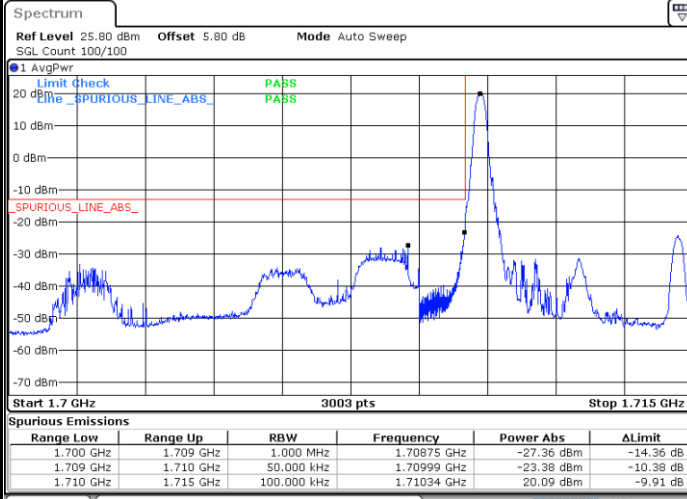


Date: 2.NOV.2023 19:25:42



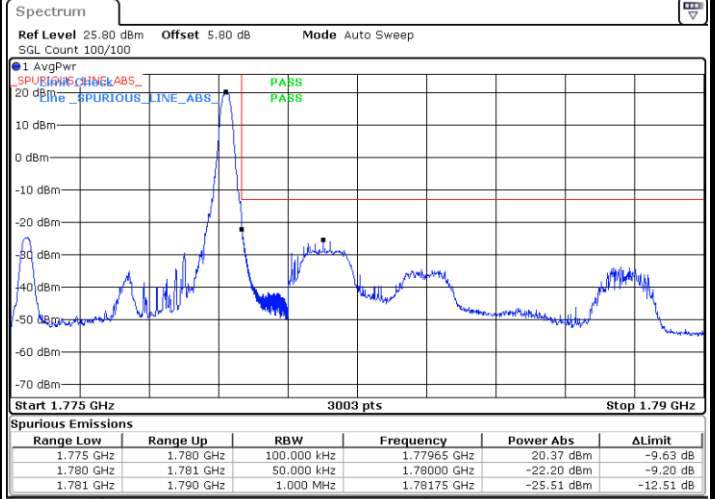
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



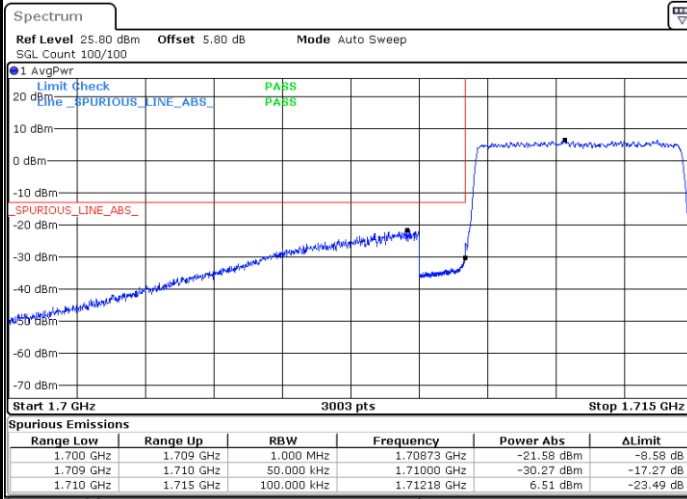
Date: 2.NOV.2023 20:48:46

Highest Band Edge / 1 RB



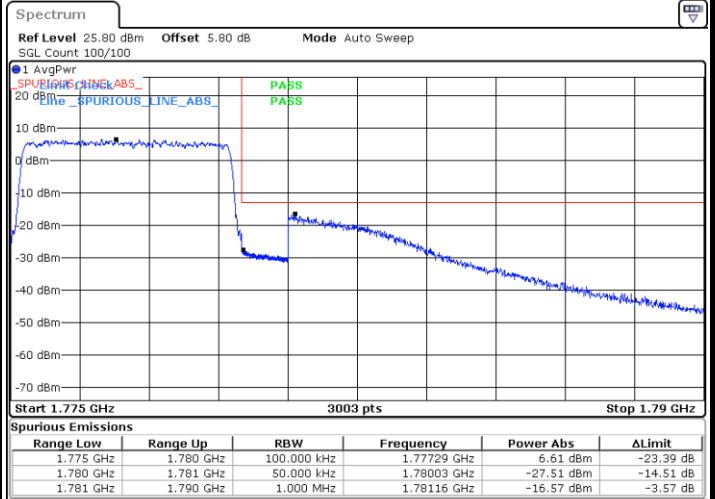
Date: 2.NOV.2023 20:51:32

Lowest Band Edge / Full RB



Date: 2.NOV.2023 20:49:34

Highest Band Edge / Full RB

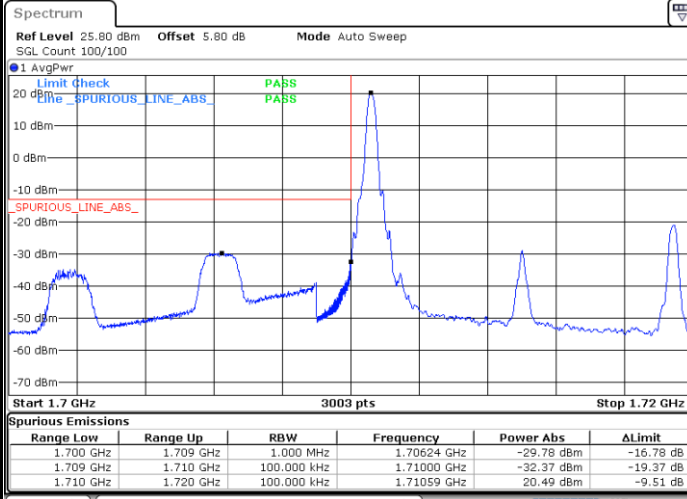


Date: 2.NOV.2023 20:50:38



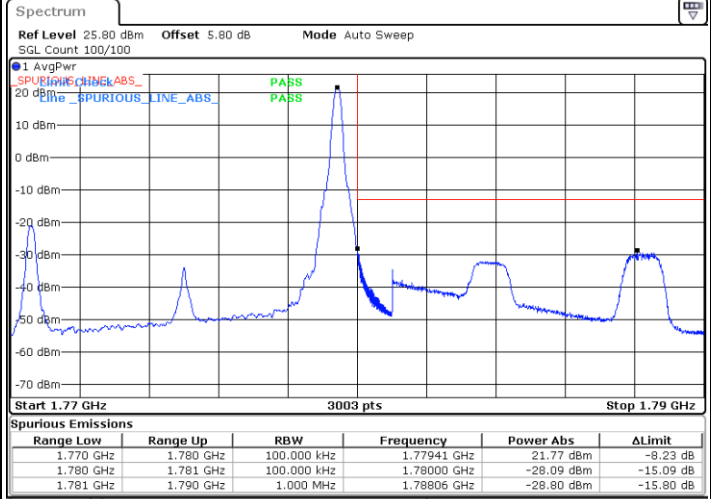
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



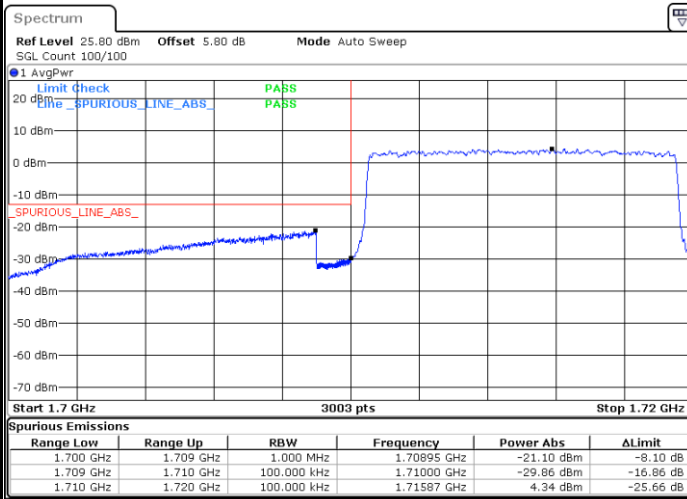
Date: 2.NOV.2023 19:30:18

Highest Band Edge / 1 RB



Date: 2.NOV.2023 19:38:33

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:35:03

Highest Band Edge / Full RB

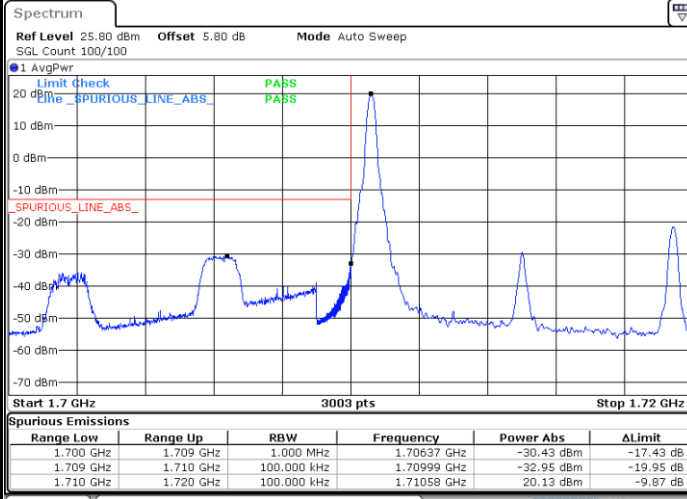


Date: 2.NOV.2023 19:42:42



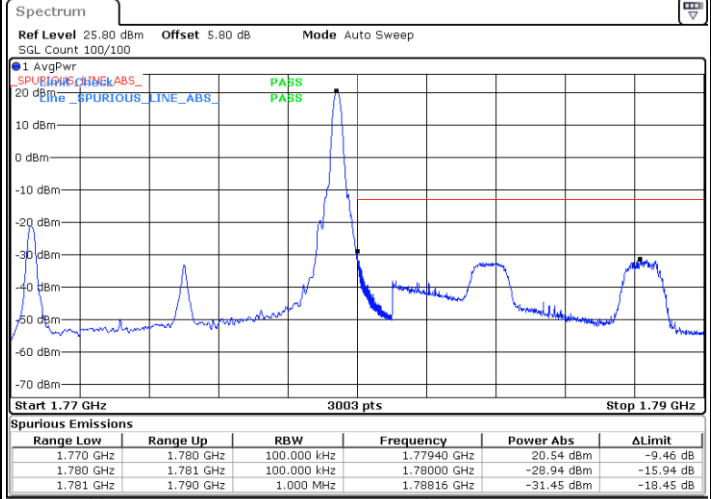
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



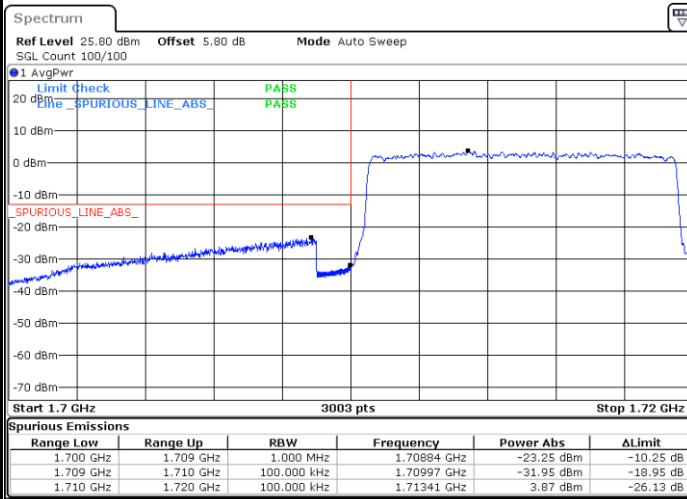
Date: 2.NOV.2023 19:31:23

Highest Band Edge / 1 RB



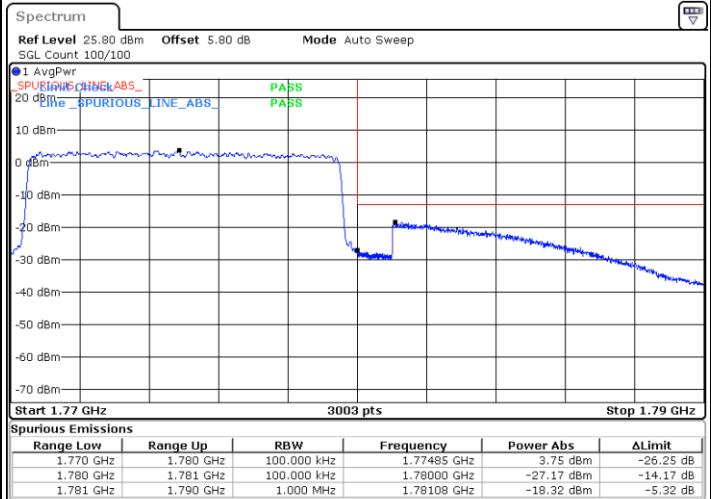
Date: 2.NOV.2023 19:39:22

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:34:08

Highest Band Edge / Full RB

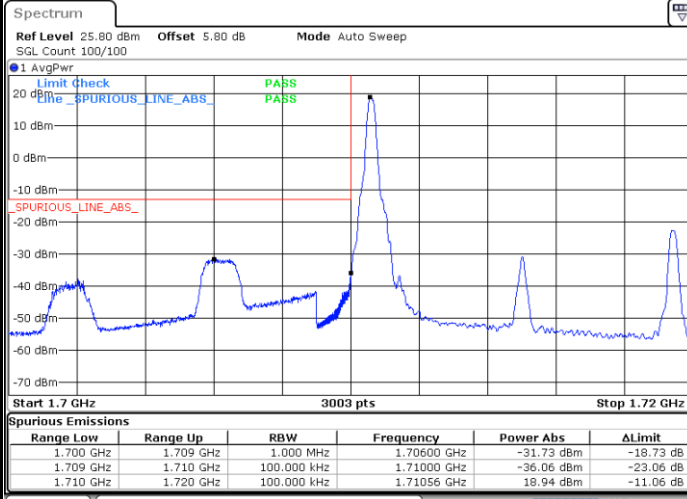


Date: 2.NOV.2023 19:41:52



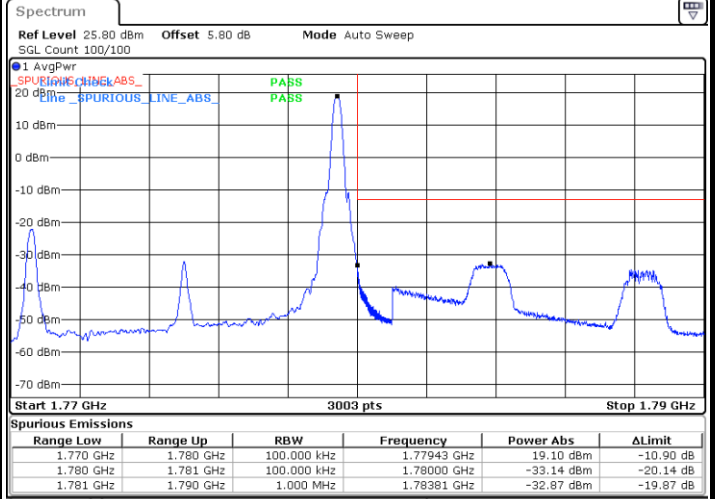
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



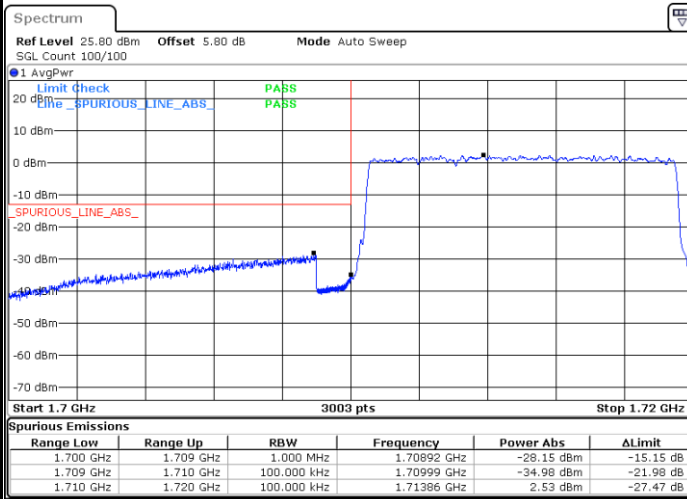
Date: 2.NOV.2023 19:32:18

Highest Band Edge / 1 RB



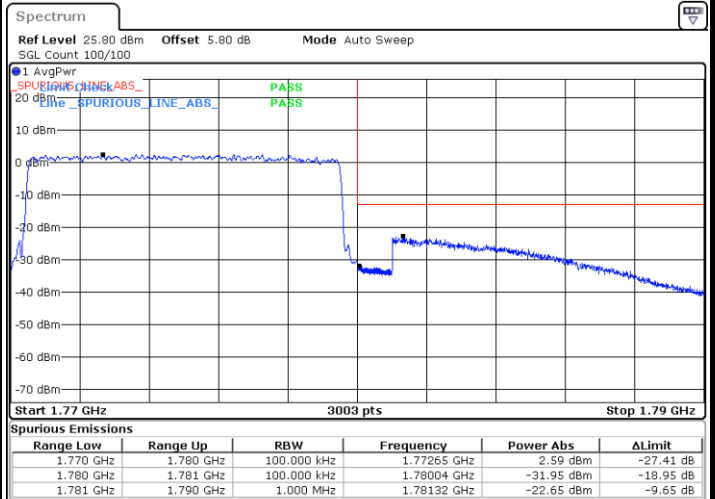
Date: 2.NOV.2023 19:40:12

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:33:13

Highest Band Edge / Full RB

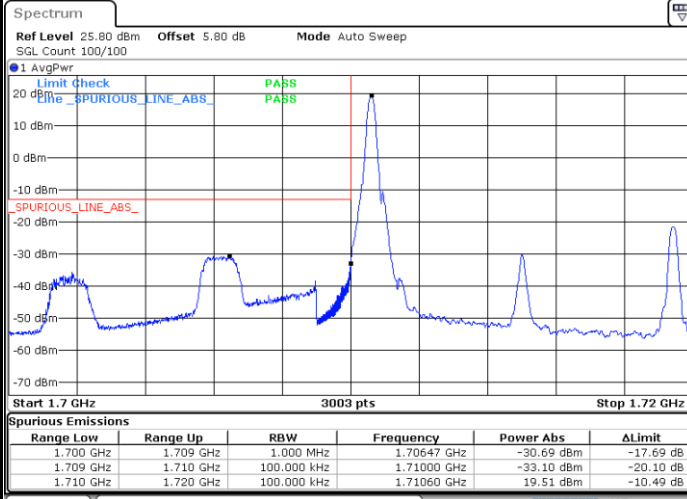


Date: 2.NOV.2023 19:41:02



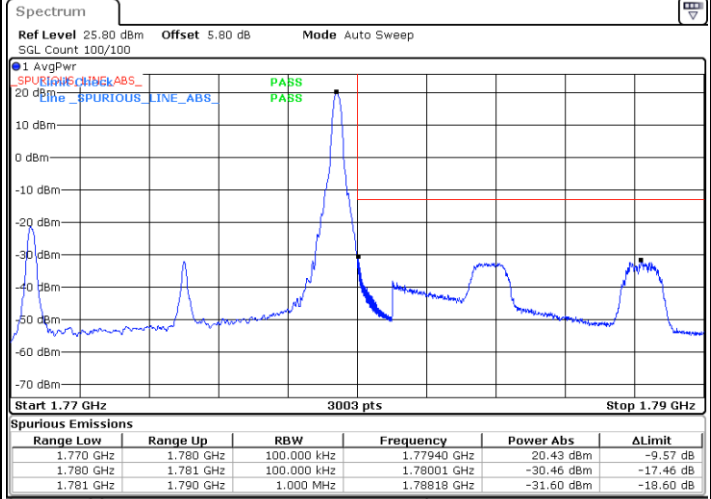
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



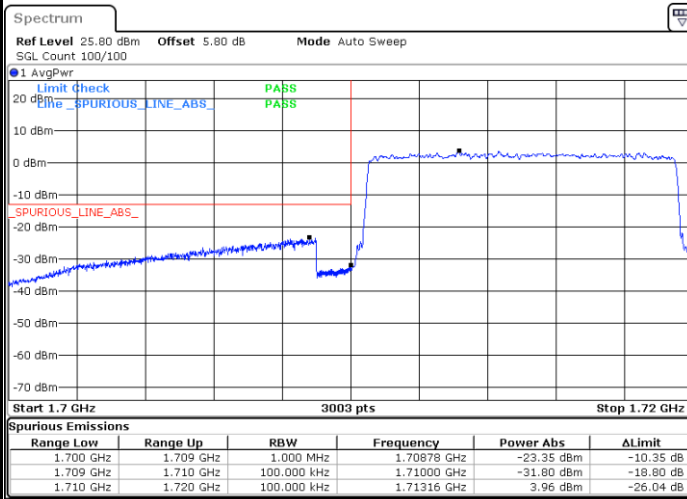
Date: 2.NOV.2023 20:44:42

Highest Band Edge / 1 RB



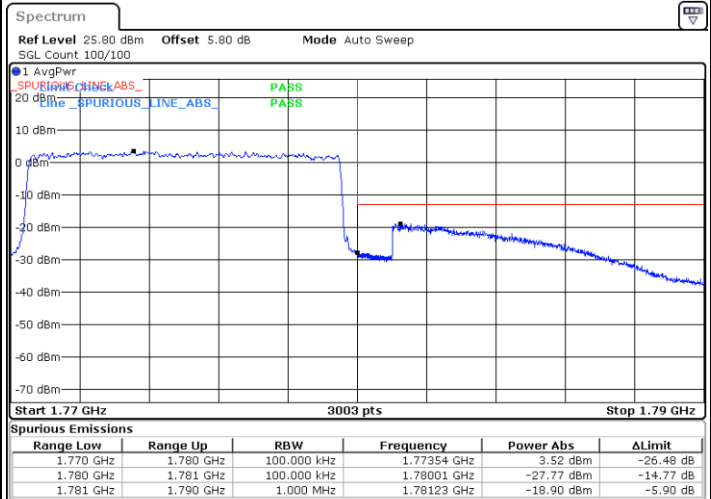
Date: 2.NOV.2023 20:46:41

Lowest Band Edge / Full RB



Date: 2.NOV.2023 20:44:00

Highest Band Edge / Full RB

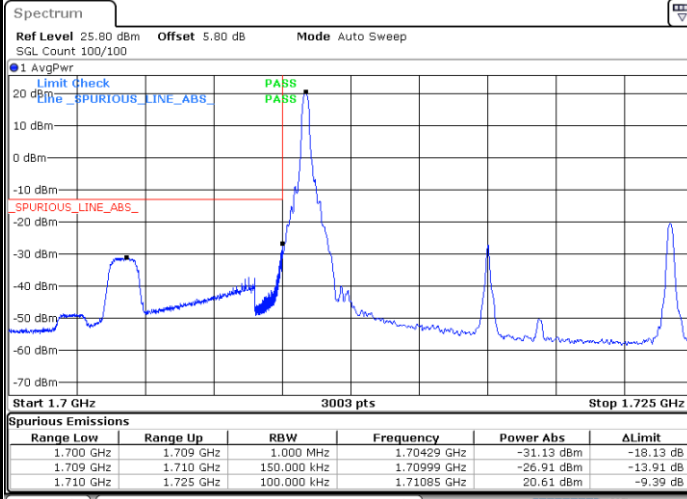


Date: 2.NOV.2023 20:45:51



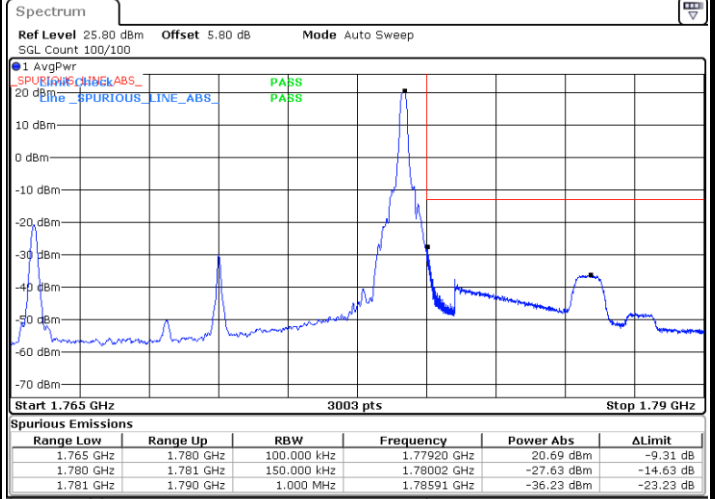
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



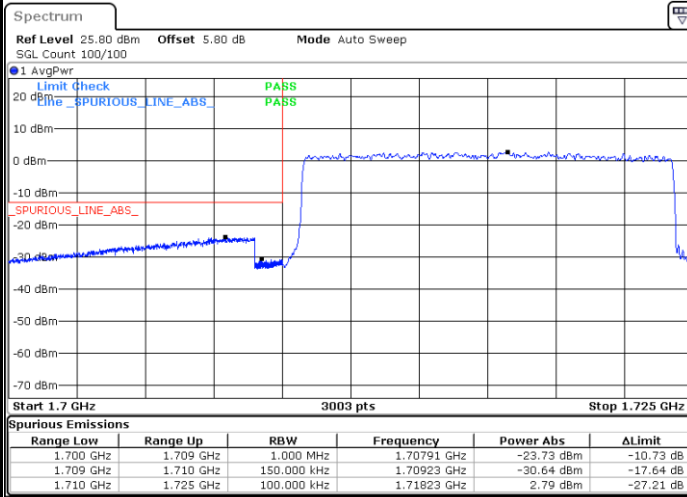
Date: 2.NOV.2023 19:44:53

Highest Band Edge / 1 RB



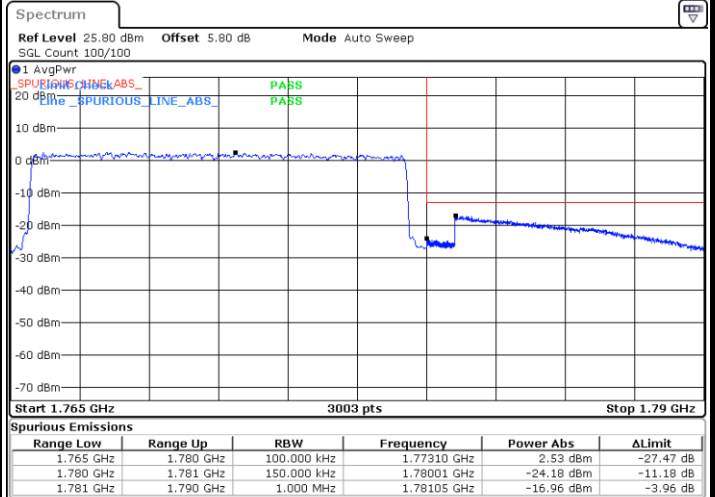
Date: 2.NOV.2023 19:52:02

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:48:47

Highest Band Edge / Full RB

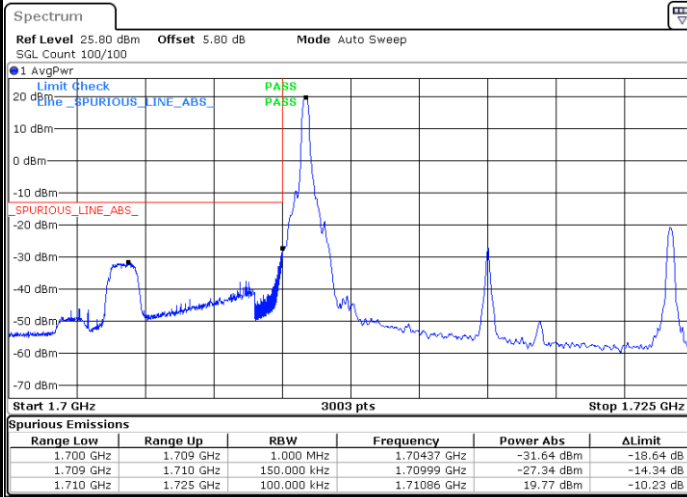


Date: 2.NOV.2023 19:54:57



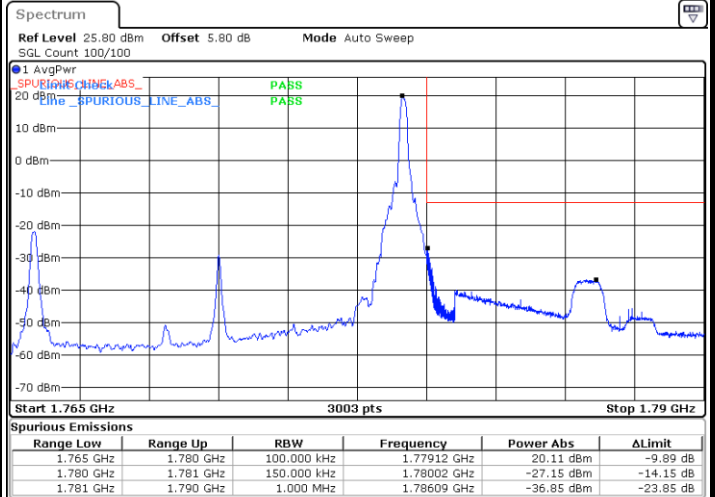
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



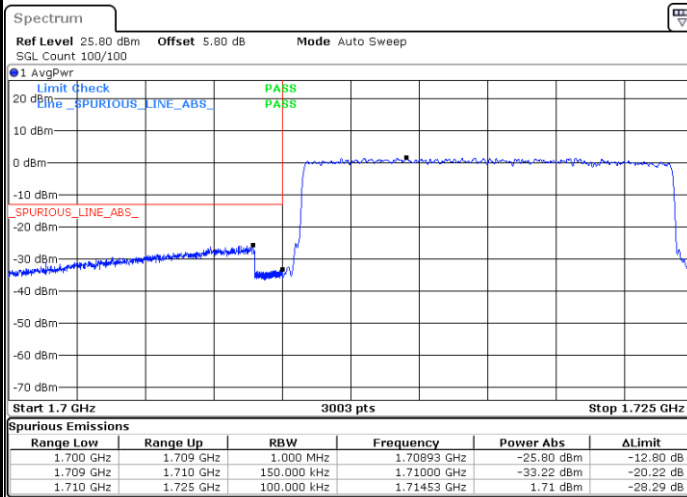
Date: 2.NOV.2023 19:45:42

Highest Band Edge / 1 RB



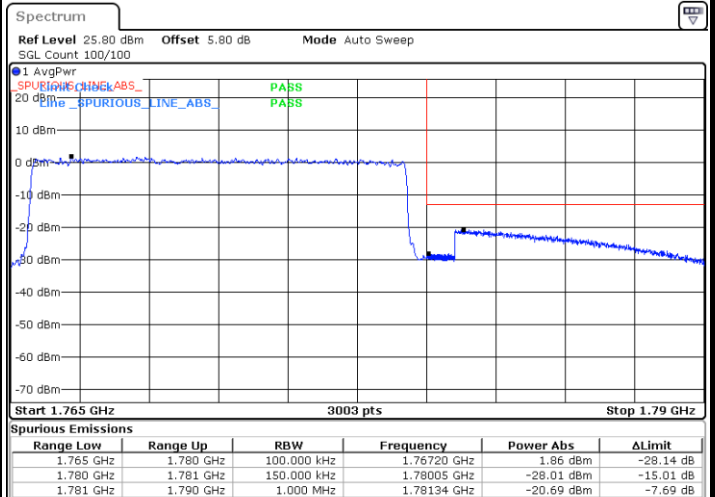
Date: 2.NOV.2023 19:52:37

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:48:12

Highest Band Edge / Full RB

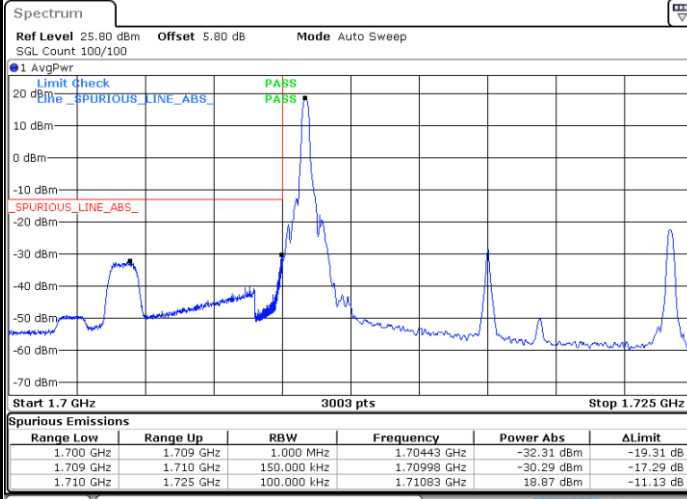


Date: 2.NOV.2023 19:54:22



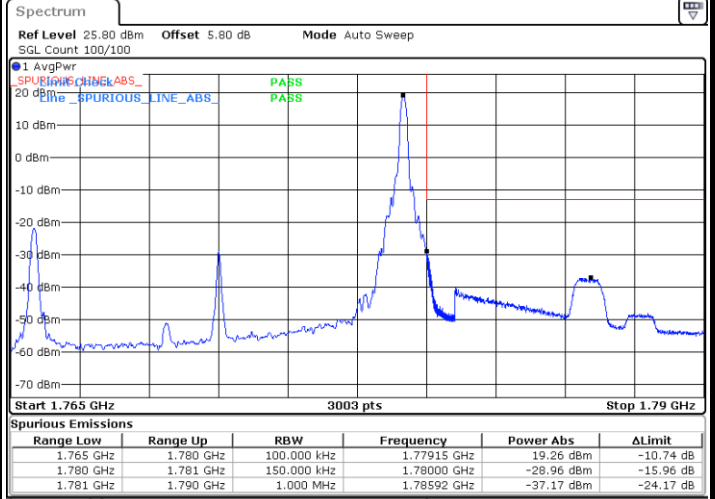
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



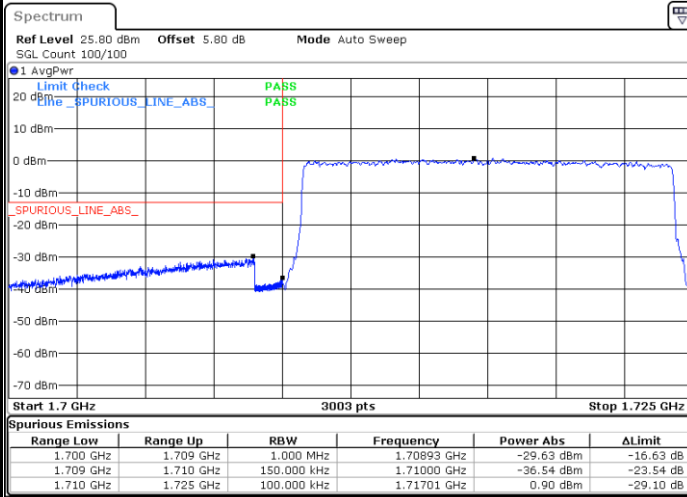
Date: 2.NOV.2023 19:46:32

Highest Band Edge / 1 RB



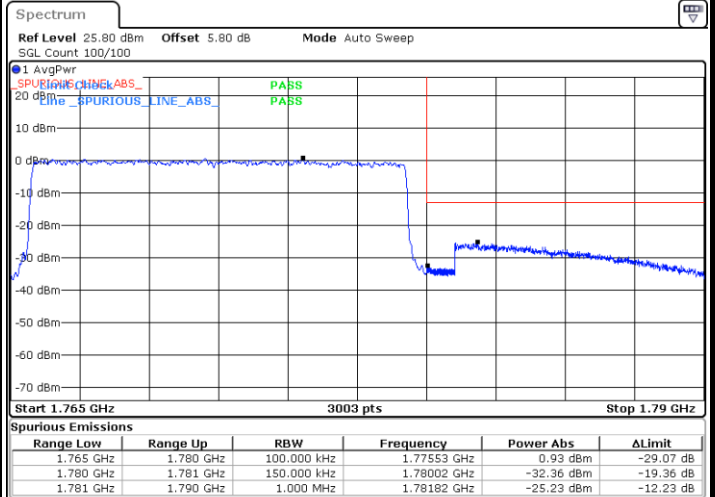
Date: 2.NOV.2023 19:53:12

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:47:22

Highest Band Edge / Full RB

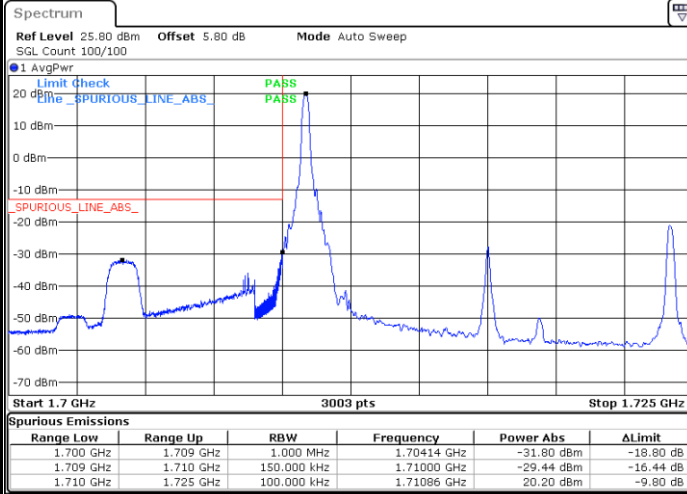


Date: 2.NOV.2023 19:53:47



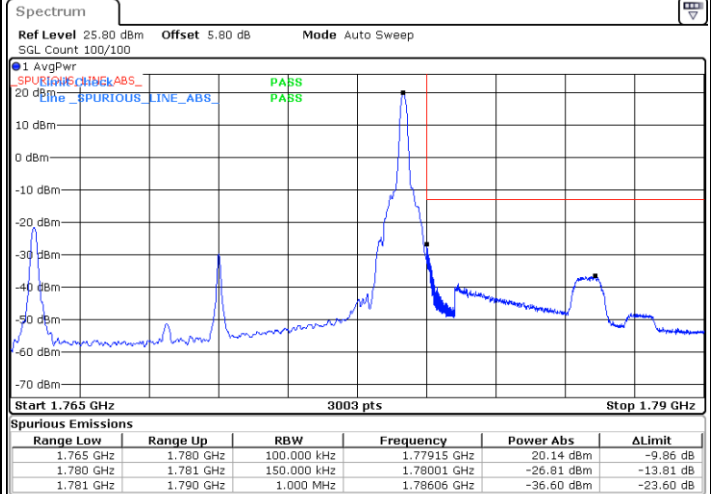
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



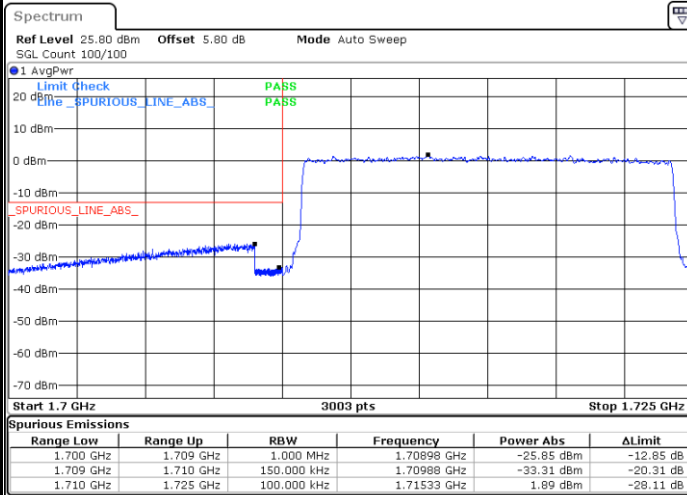
Date: 2.NOV.2023 20:38:09

Highest Band Edge / 1 RB



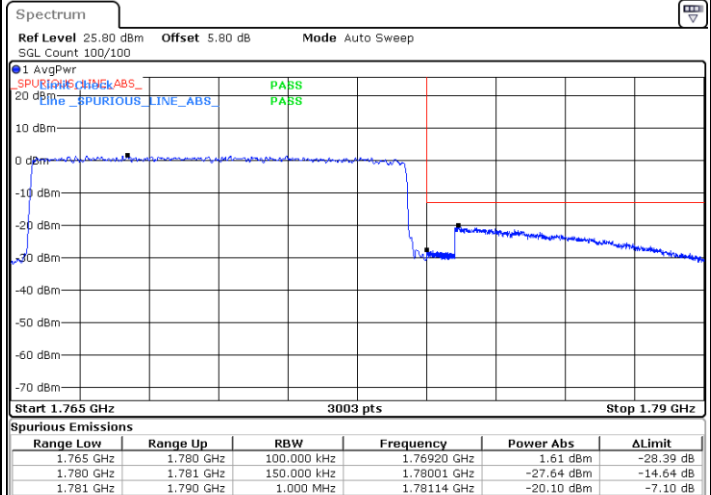
Date: 2.NOV.2023 20:38:51

Lowest Band Edge / Full RB



Date: 2.NOV.2023 20:37:38

Highest Band Edge / Full RB



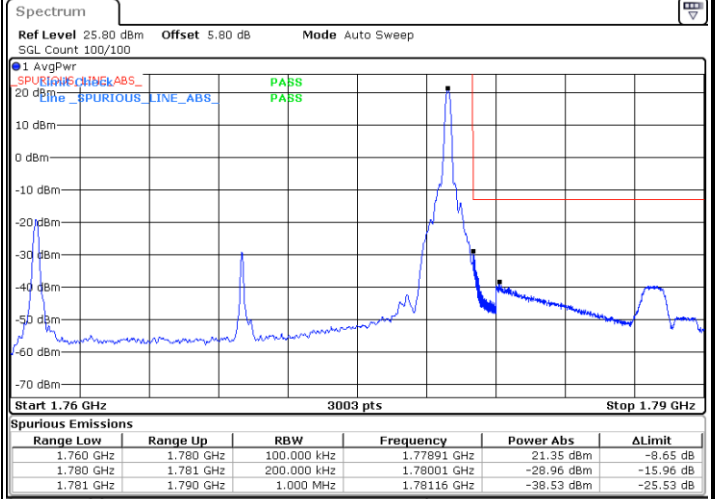
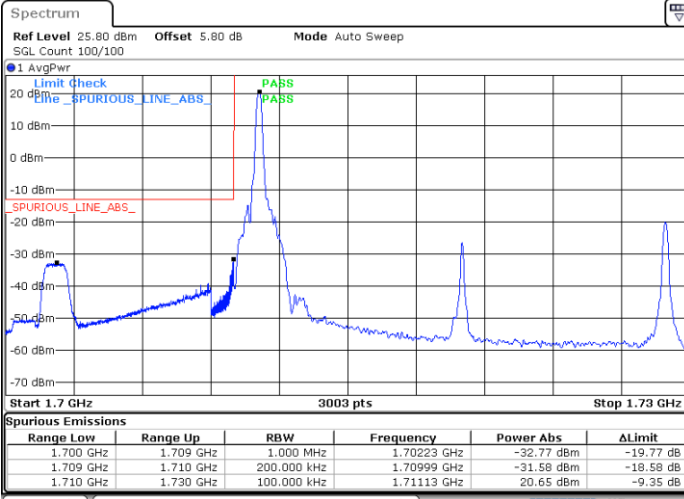
Date: 2.NOV.2023 20:39:31



LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

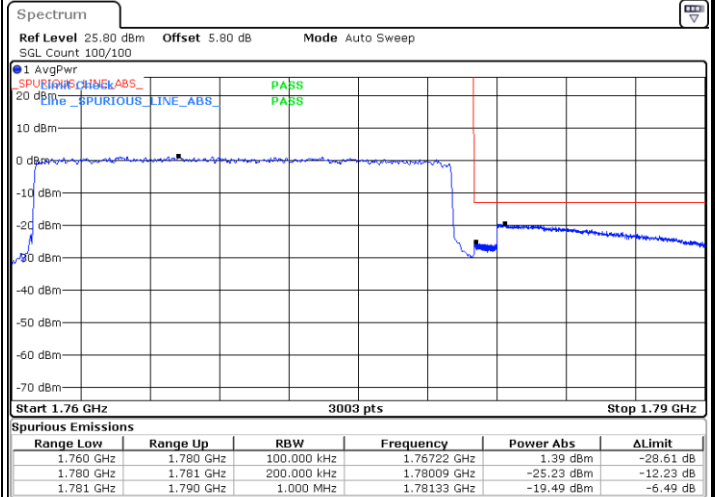
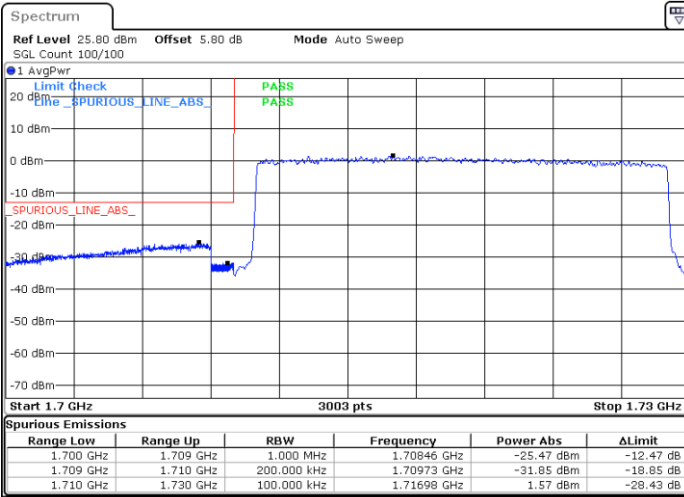


Date: 2.NOV.2023 19:56:52

Date: 2.NOV.2023 20:03:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



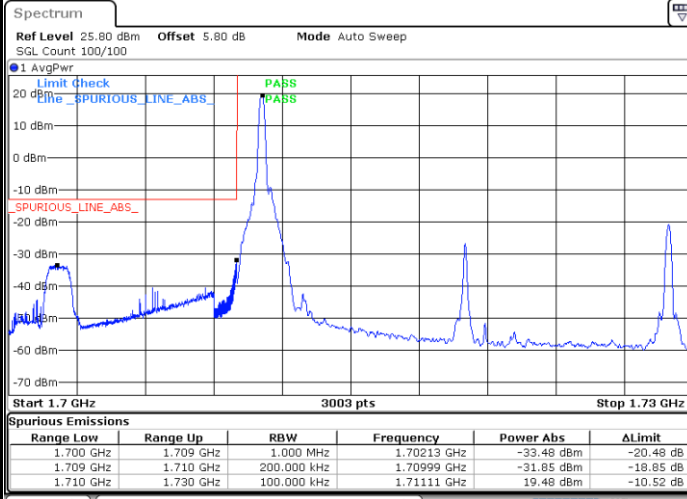
Date: 2.NOV.2023 19:59:47

Date: 2.NOV.2023 20:05:56



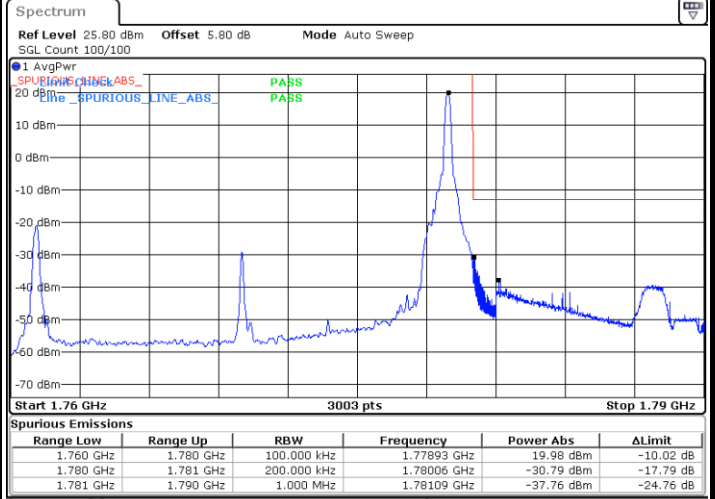
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



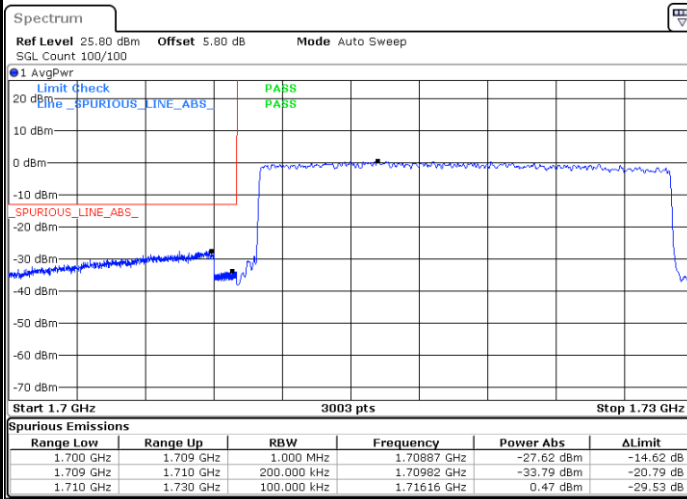
Date: 2.NOV.2023 19:57:27

Highest Band Edge / 1 RB



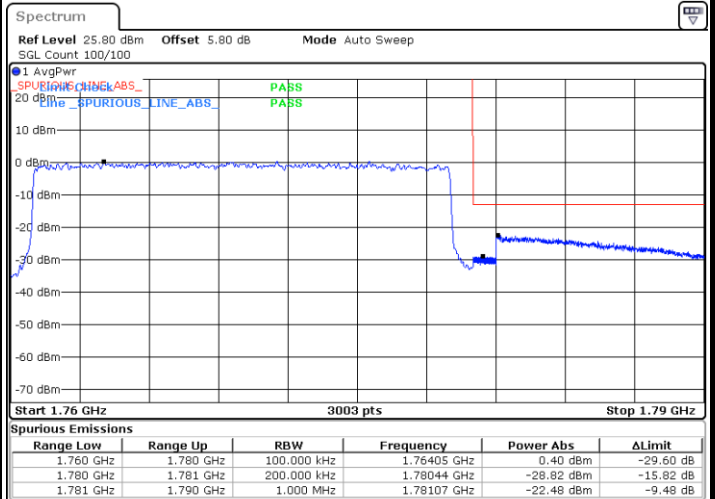
Date: 2.NOV.2023 20:03:36

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:59:12

Highest Band Edge / Full RB

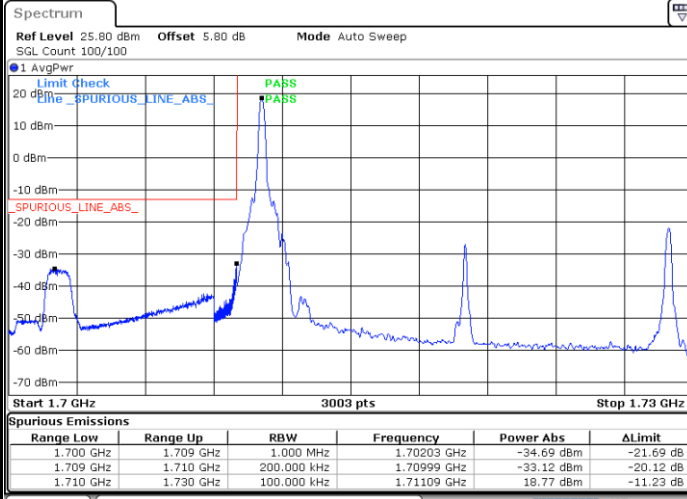


Date: 2.NOV.2023 20:05:21



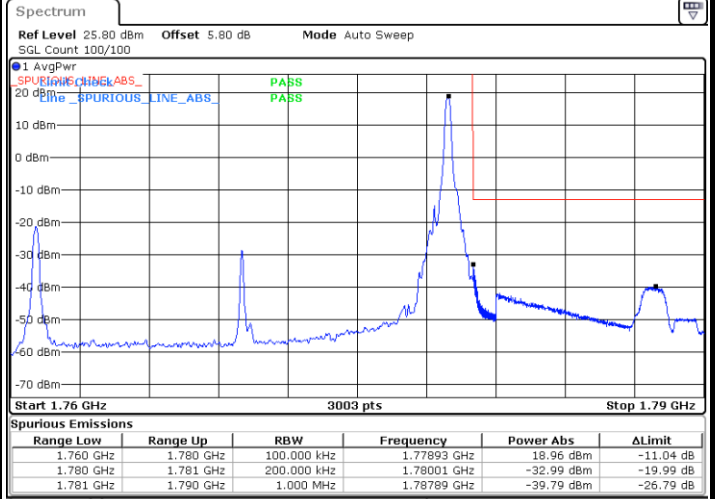
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



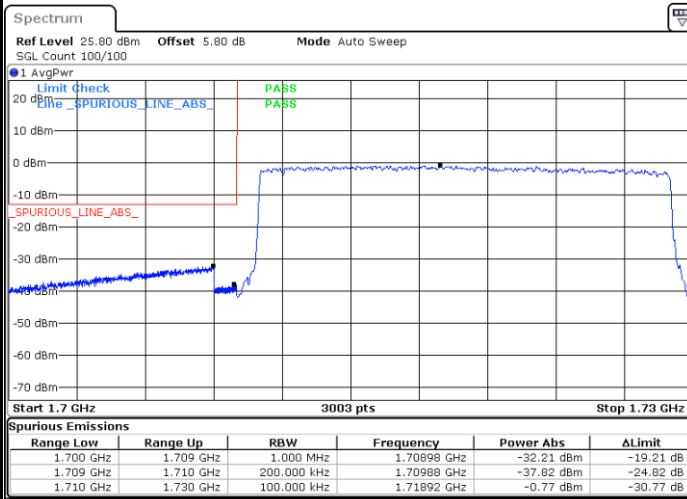
Date: 2.NOV.2023 19:58:02

Highest Band Edge / 1 RB



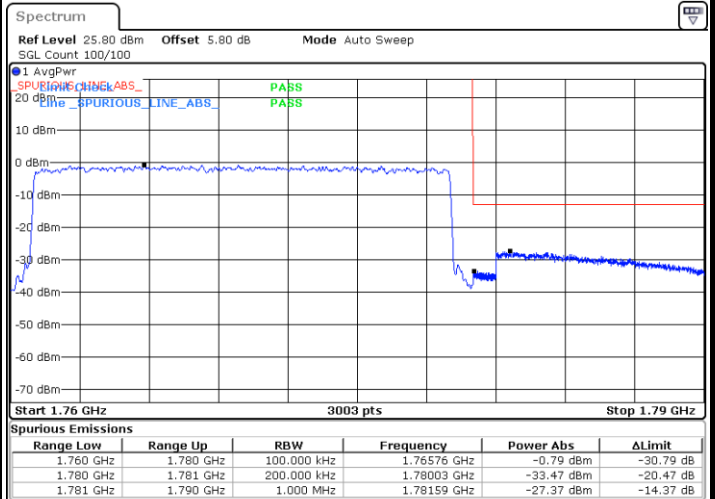
Date: 2.NOV.2023 20:04:11

Lowest Band Edge / Full RB



Date: 2.NOV.2023 19:58:37

Highest Band Edge / Full RB

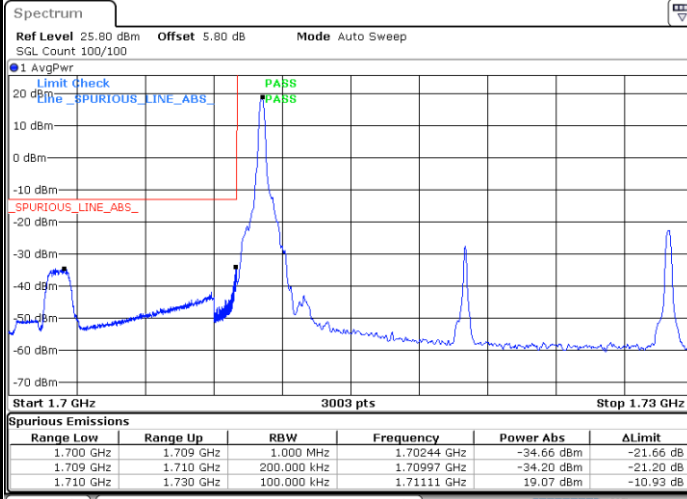


Date: 2.NOV.2023 20:04:46



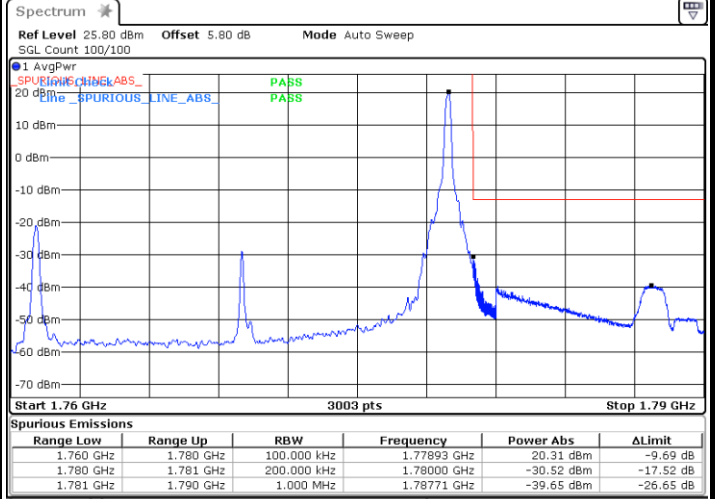
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



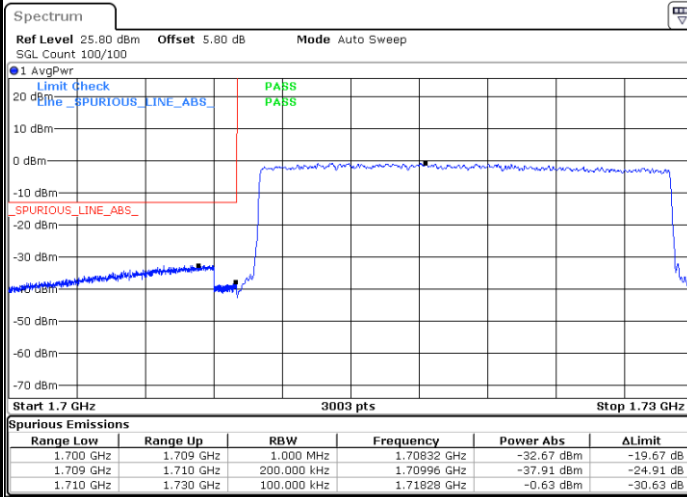
Date: 2.NOV.2023 20:22:21

Highest Band Edge / 1 RB



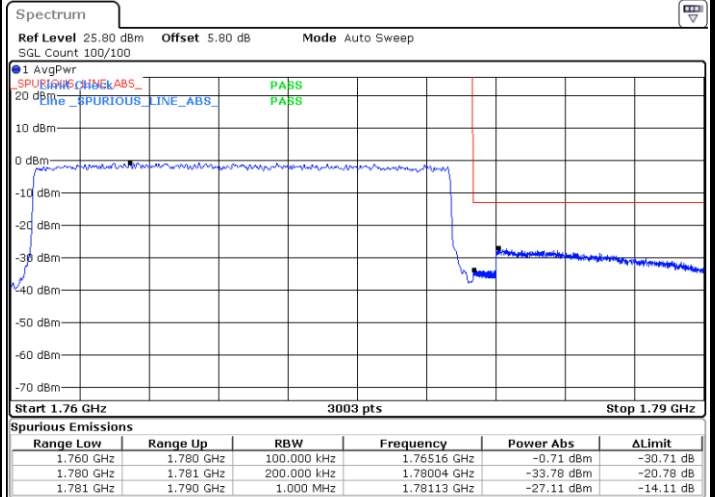
Date: 2.NOV.2023 20:26:04

Lowest Band Edge / Full RB



Date: 2.NOV.2023 20:23:20

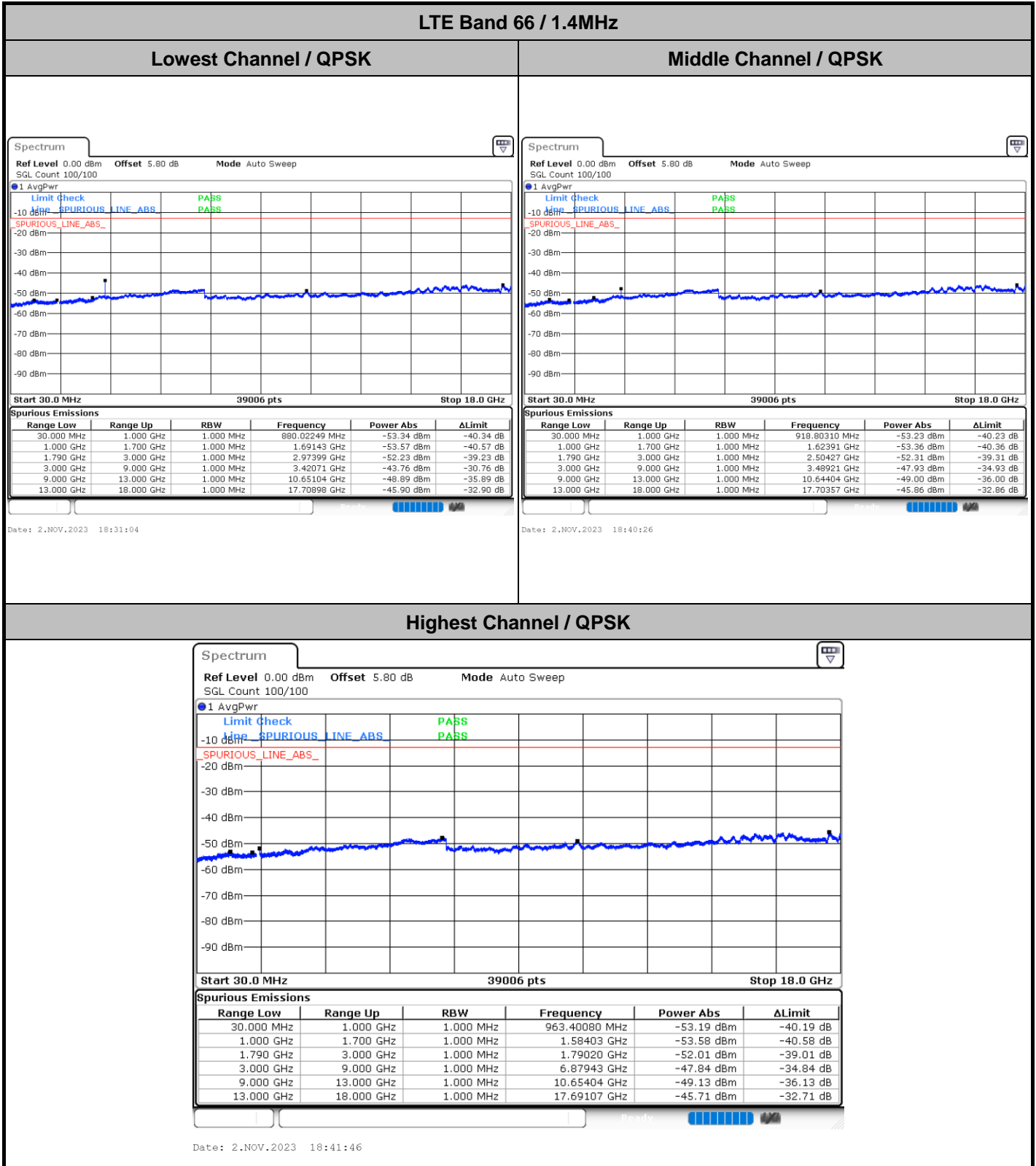
Highest Band Edge / Full RB



Date: 2.NOV.2023 20:24:18



Conducted Spurious Emission

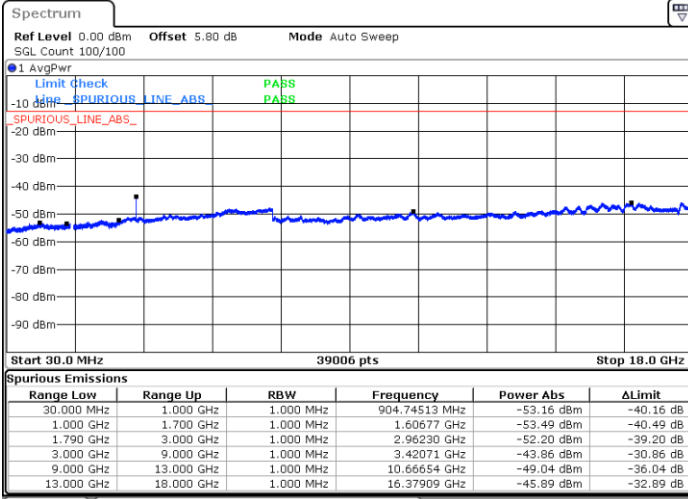




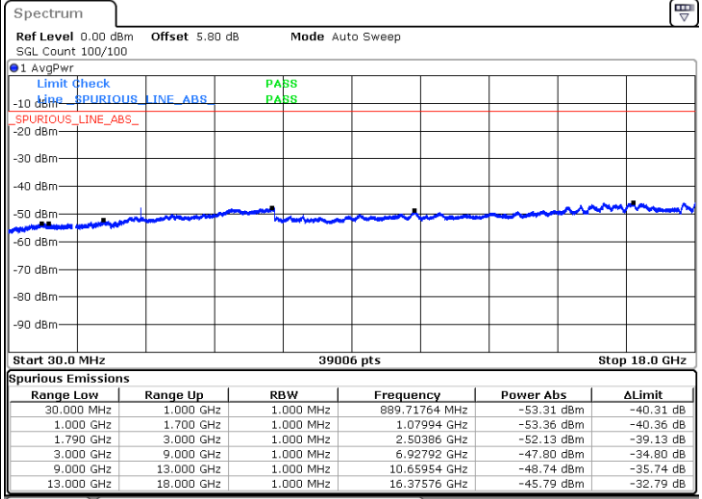
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

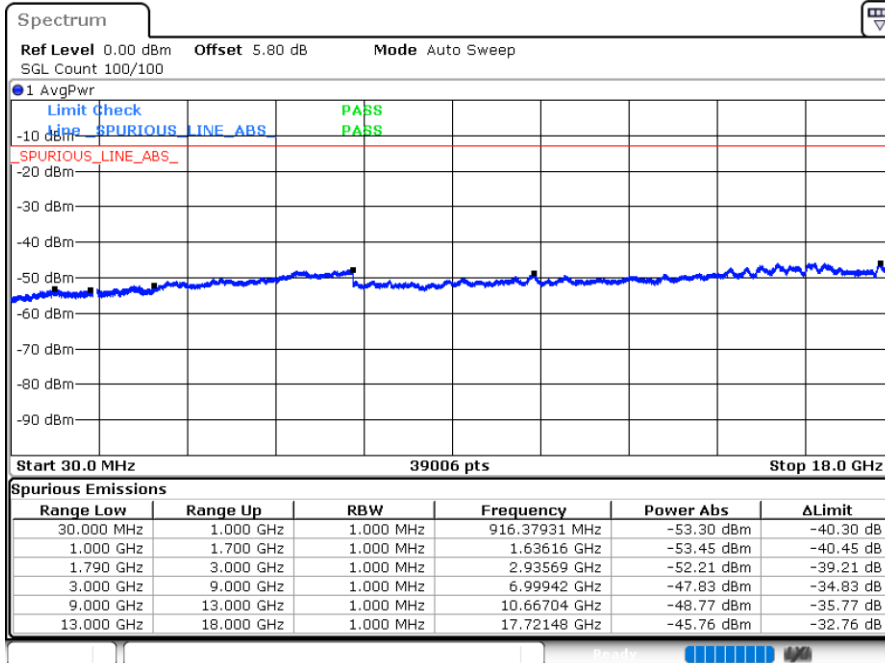


Date: 2.NOV.2023 18:51:07



Date: 2.NOV.2023 19:00:27

Highest Channel / QPSK



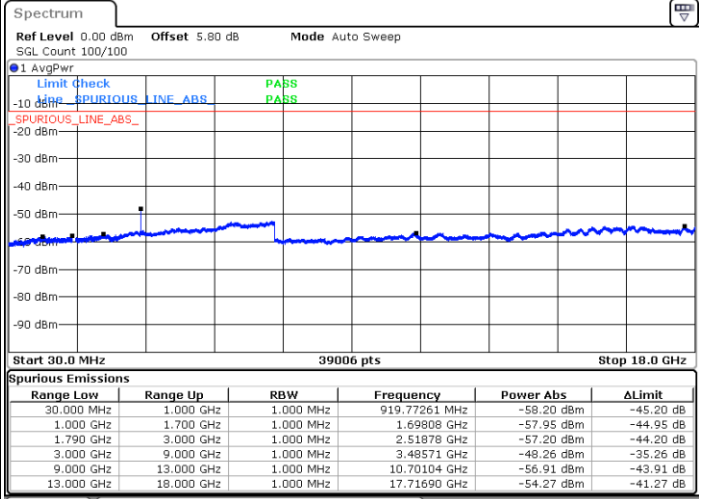
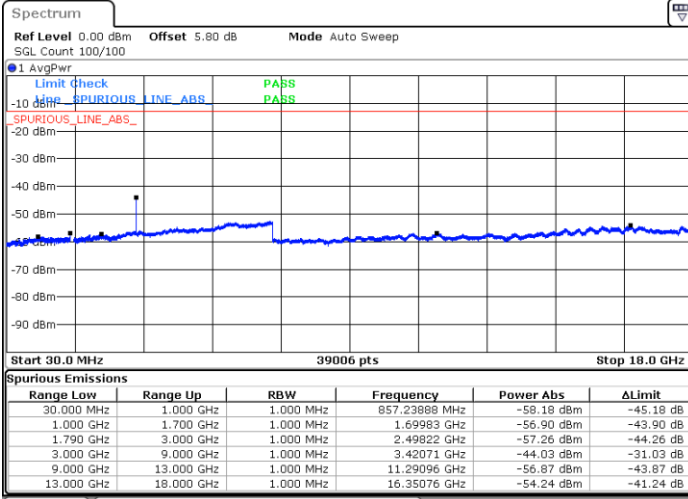
Date: 2.NOV.2023 19:01:46



LTE Band 66 / 5MHz

Lowest Channel / QPSK

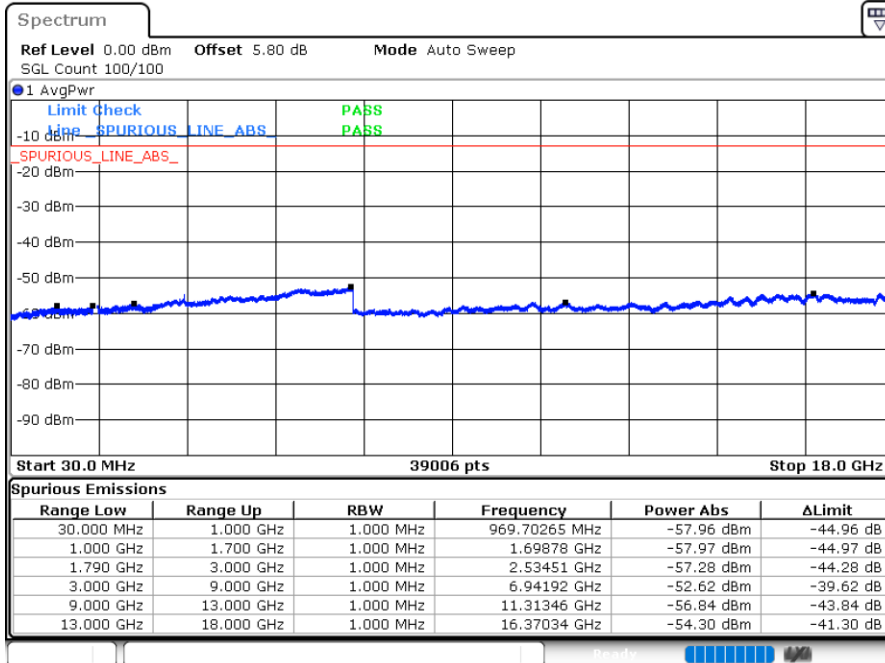
Middle Channel / QPSK



Date: 2.NOV.2023 19:11:07

Date: 2.NOV.2023 19:19:47

Highest Channel / QPSK



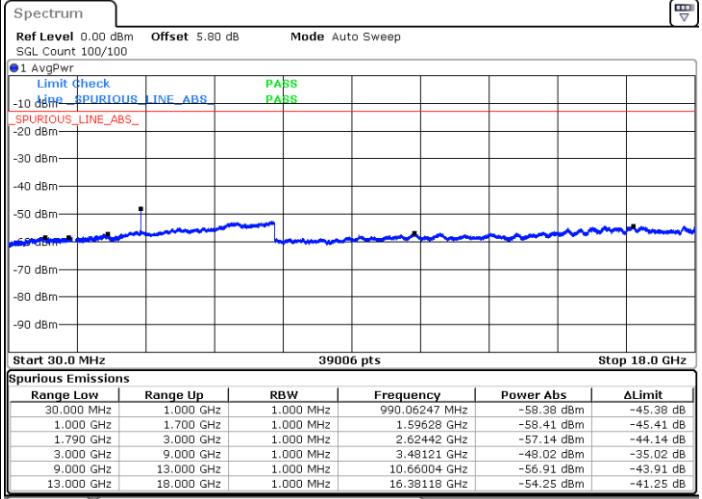
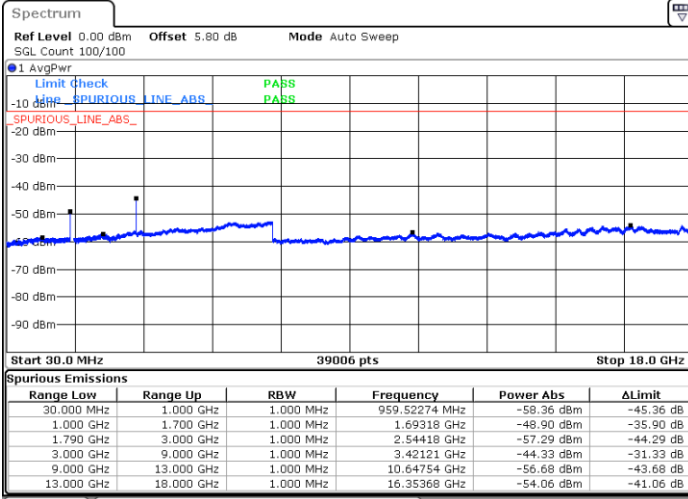
Date: 2.NOV.2023 19:21:07



LTE Band 66 / 10MHz

Lowest Channel / QPSK

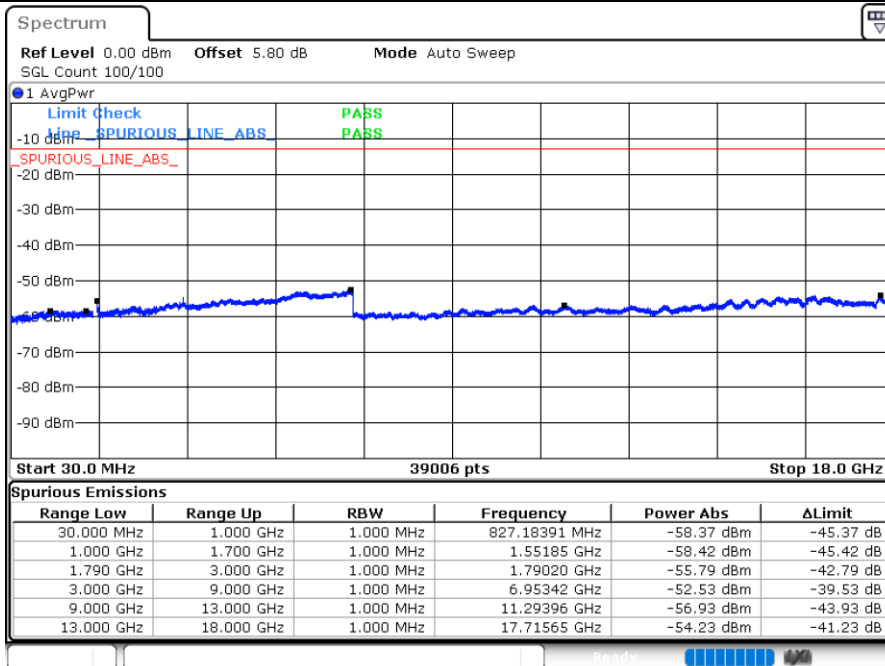
Middle Channel / QPSK



Date: 2.NOV.2023 19:29:13

Date: 2.NOV.2023 19:36:23

Highest Channel / QPSK



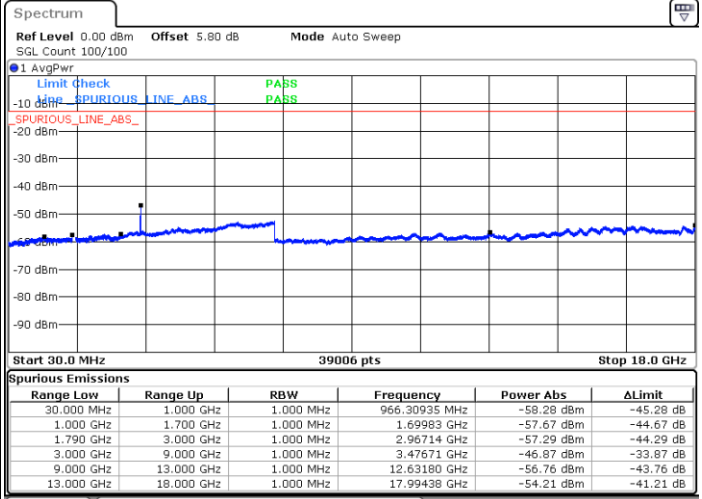
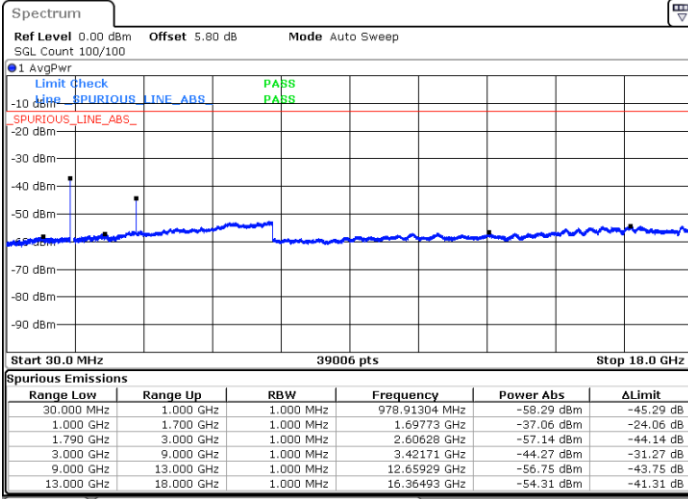
Date: 2.NOV.2023 19:37:43



LTE Band 66 / 15MHz

Lowest Channel / QPSK

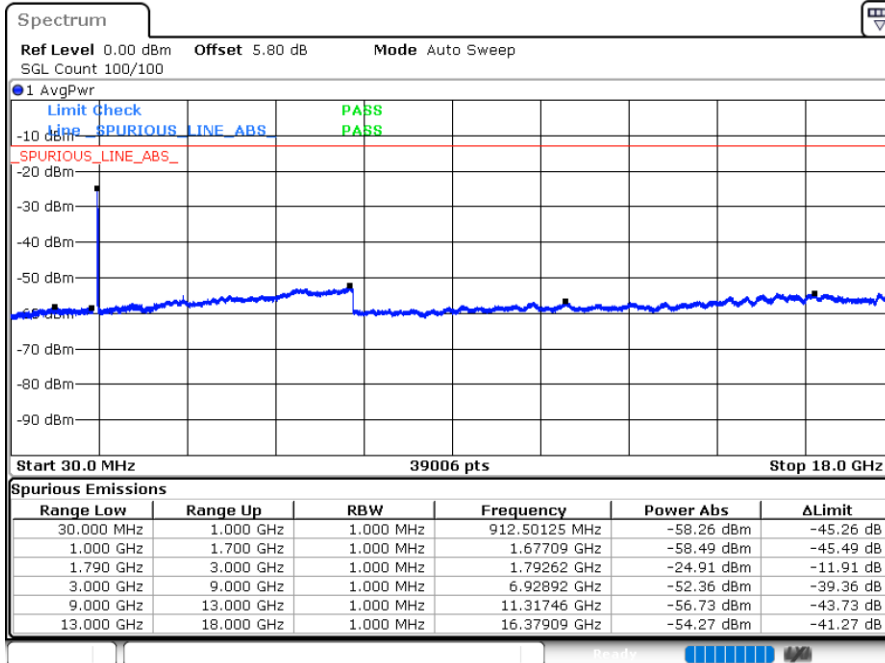
Middle Channel / QPSK



Date: 2.NOV.2023 19:44:02

Date: 2.NOV.2023 19:50:07

Highest Channel / QPSK



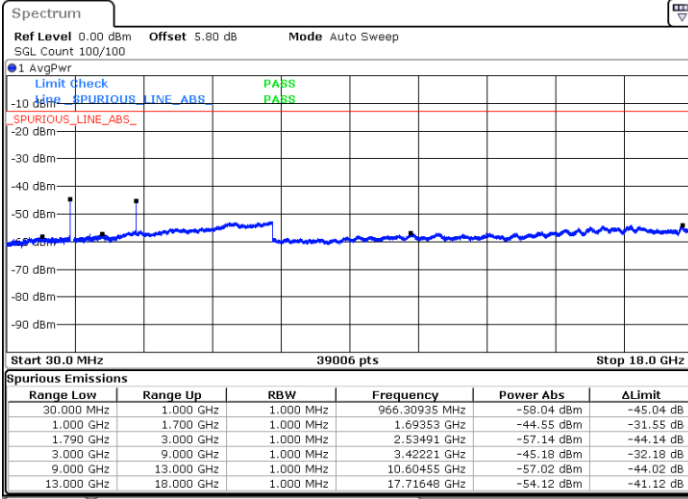
Date: 2.NOV.2023 19:51:27



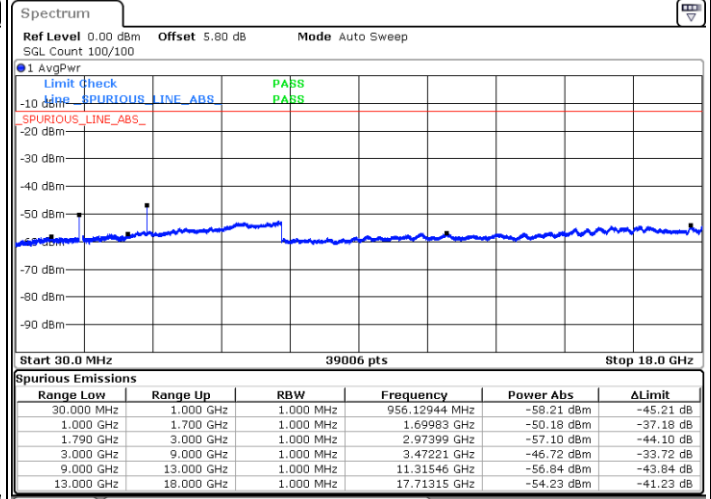
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

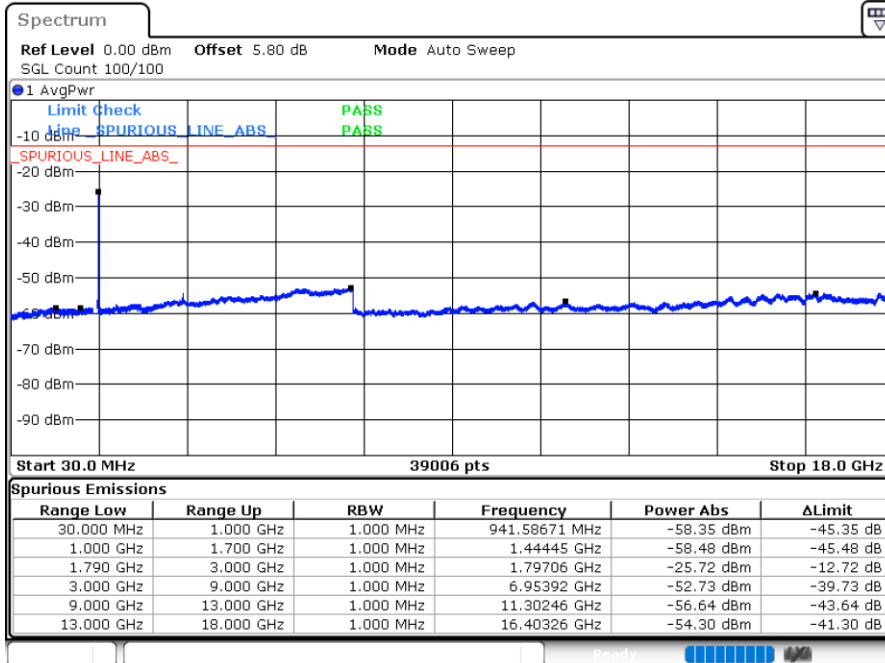


Date: 2.NOV.2023 19:56:17



Date: 2.NOV.2023 20:01:06

Highest Channel / QPSK



Date: 2.NOV.2023 20:02:26



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0049	
0	Normal Voltage	0.0055	
-10	Normal Voltage	0.0067	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	End Point	0.0014	

Note:

1. Normal Voltage =3.8 V. ; End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 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 :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

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)
Middle	3750	-40.06	-13	-27.06	-52.32	2.64	14.90	H
	5625	-53.94	-13	-40.94	-65.80	2.94	14.80	H
	7500	-53.76	-13	-40.76	-63.53	3.39	13.16	H
	3750	-42.39	-13	-29.39	-54.65	2.64	14.90	V
	5625	-56.43	-13	-43.43	-68.29	2.94	14.80	V
	7500	-53.29	-13	-40.29	-63.06	3.39	13.16	V

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

LTE Band 26 / 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)
Middle	1656	-53.71	-13	-40.71	-60.68	1.58	10.70	H
	2488	-59.74	-13	-46.74	-67.99	2.102	12.50	H
	3320	-57.02	-13	-44.02	-65.91	2.856	13.90	H
	1656	-59.01	-13	-46.01	-65.98	1.58	10.70	V
	2488	-57.98	-13	-44.98	-66.23	2.10	12.50	V
	3320	-56.52	-13	-43.52	-65.41	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)
Middle	3465	-42.17	-13	-29.17	-52.91	2.604	13.34	H
	5205	-47.82	-13	-34.82	-58.33	3.011	13.52	H
	6945	-53.81	-13	-40.81	-64.01	3.271	13.47	H
	3465	-46.92	-13	-33.92	-57.66	2.604	13.34	V
	5205	-49.59	-13	-36.59	-60.10	3.011	13.52	V
	6945	-53.94	-13	-40.94	-64.14	3.271	13.47	V

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