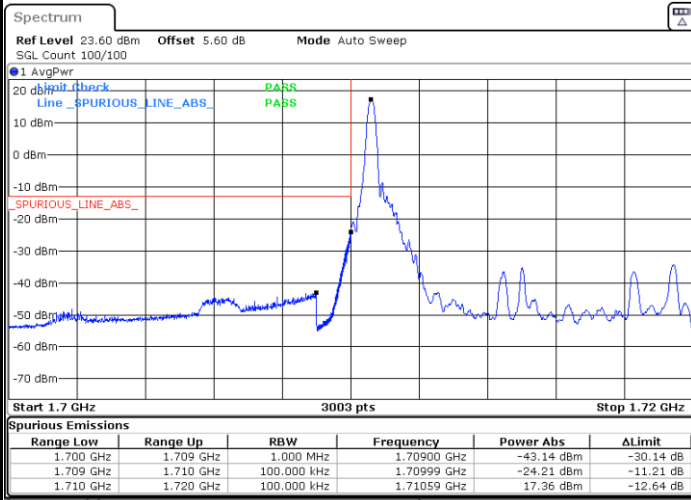




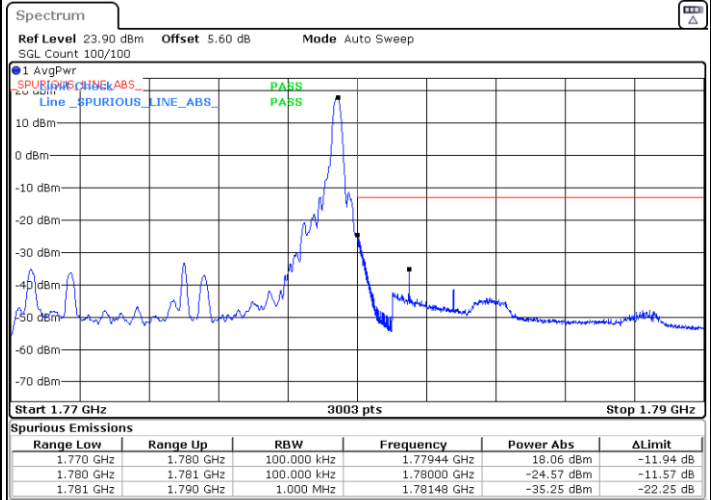
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



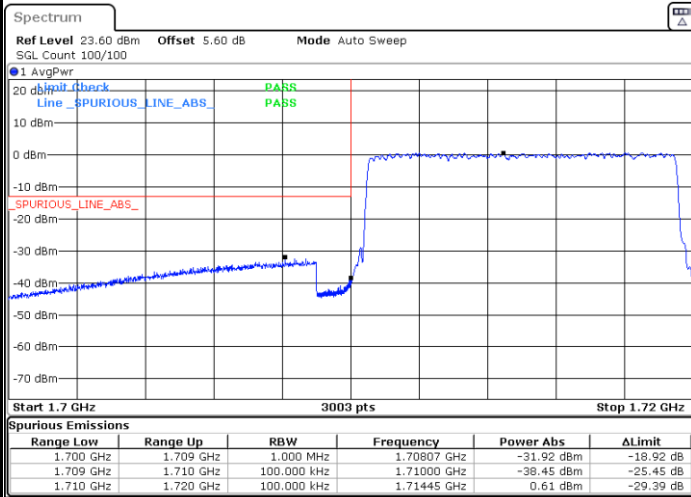
Date: 19.JUL.2023 12:42:19

Highest Band Edge / 1 RB



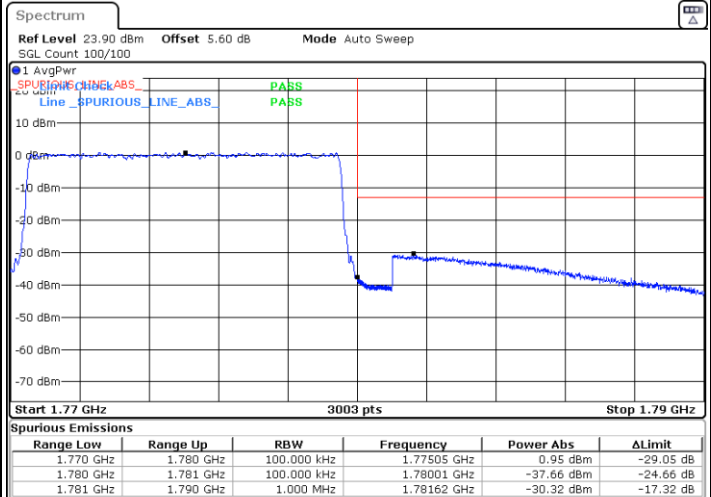
Date: 19.JUL.2023 12:46:17

Lowest Band Edge / Full RB



Date: 19.JUL.2023 12:42:51

Highest Band Edge / Full RB

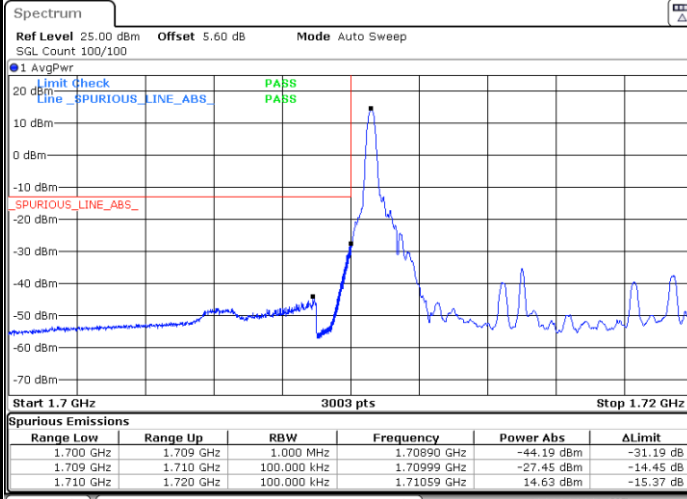


Date: 19.JUL.2023 12:45:05



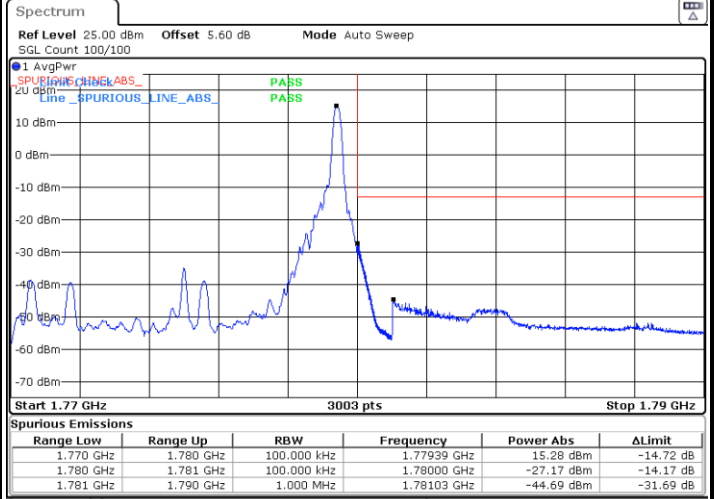
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



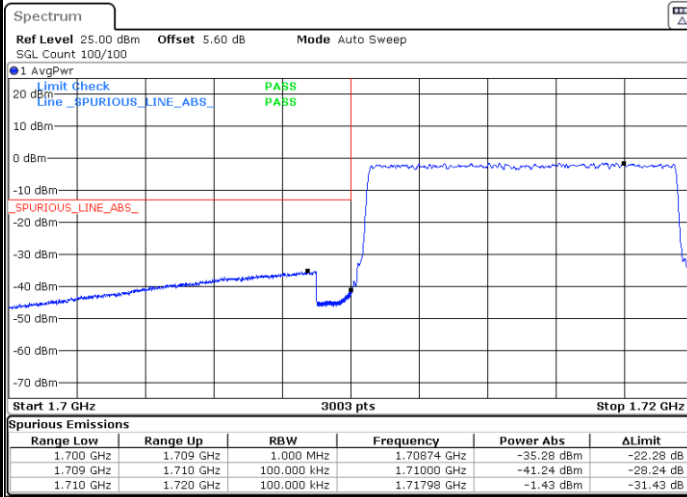
Date: 20.JUL.2023 22:21:21

Highest Band Edge / 1 RB



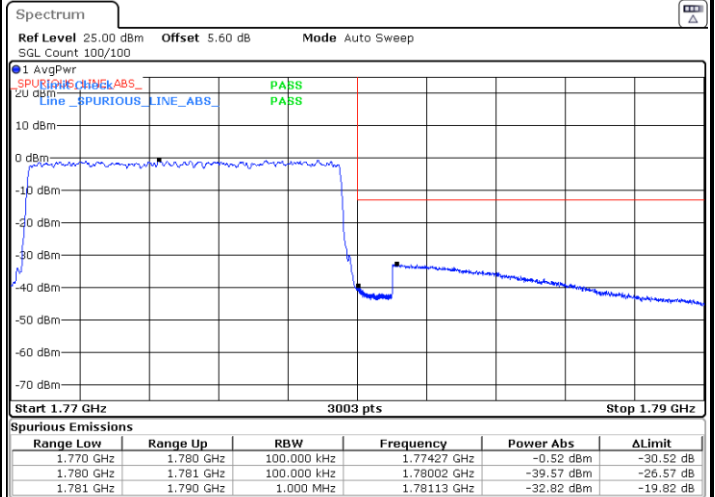
Date: 20.JUL.2023 22:26:03

Lowest Band Edge / Full RB



Date: 20.JUL.2023 22:21:41

Highest Band Edge / Full RB

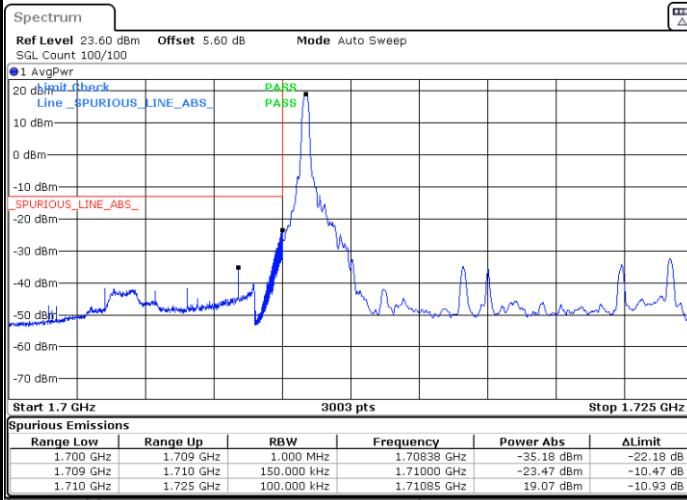


Date: 20.JUL.2023 22:25:40



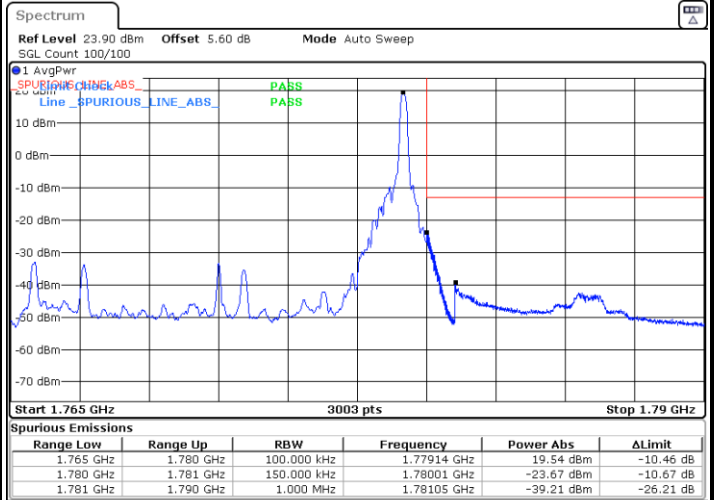
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



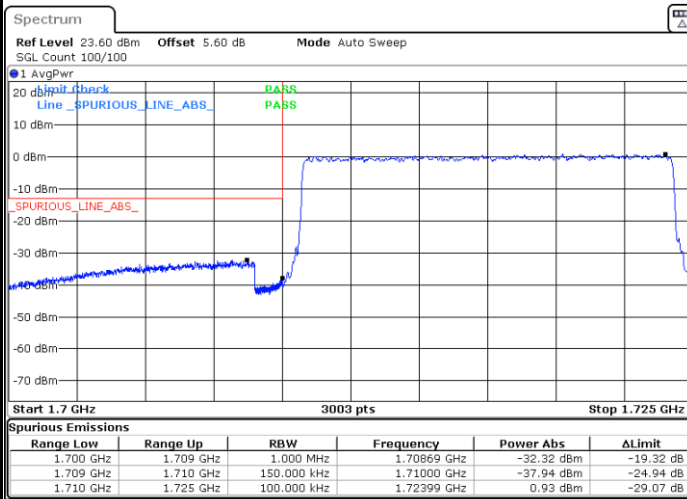
Date: 19 JUL 2023 12:55:49

Highest Band Edge / 1 RB



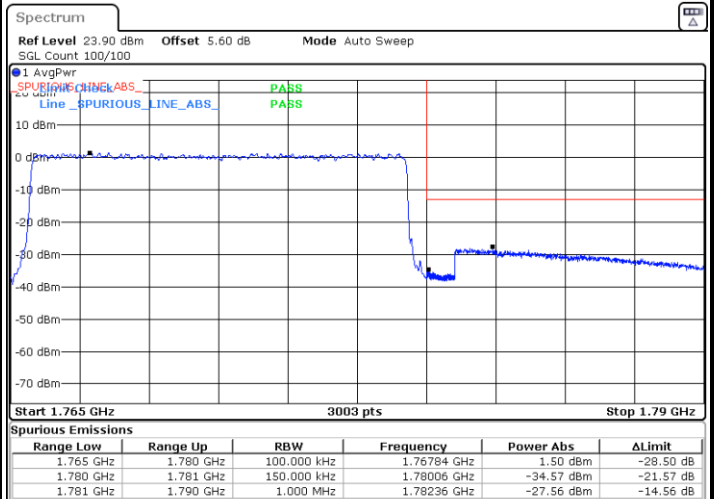
Date: 19 JUL 2023 13:02:09

Lowest Band Edge / Full RB



Date: 19 JUL 2023 12:58:57

Highest Band Edge / Full RB

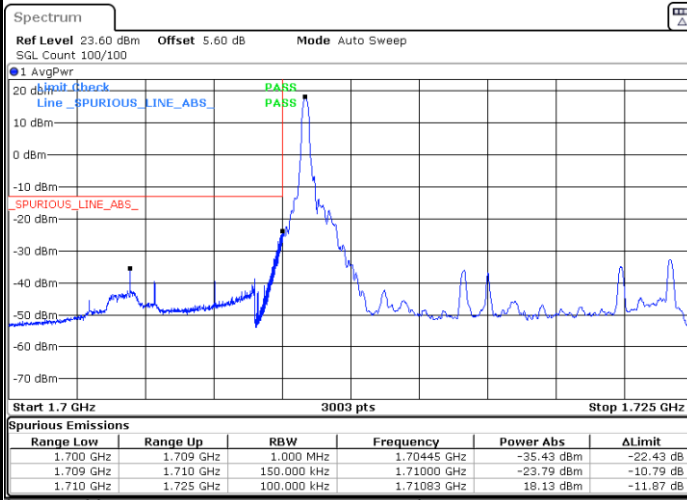


Date: 19 JUL 2023 12:59:38



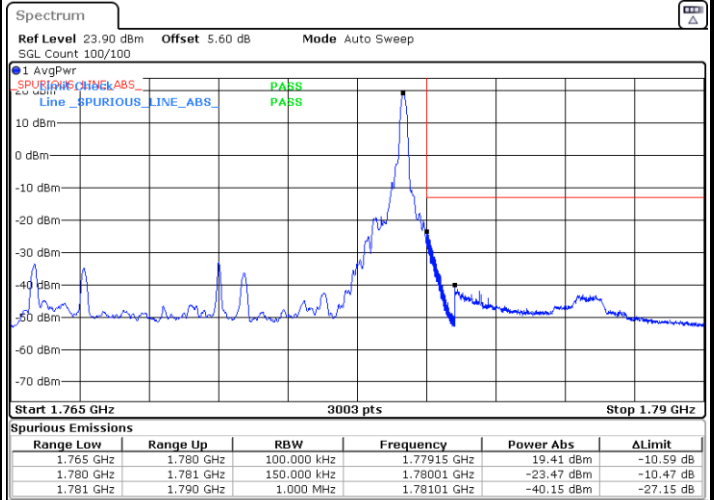
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



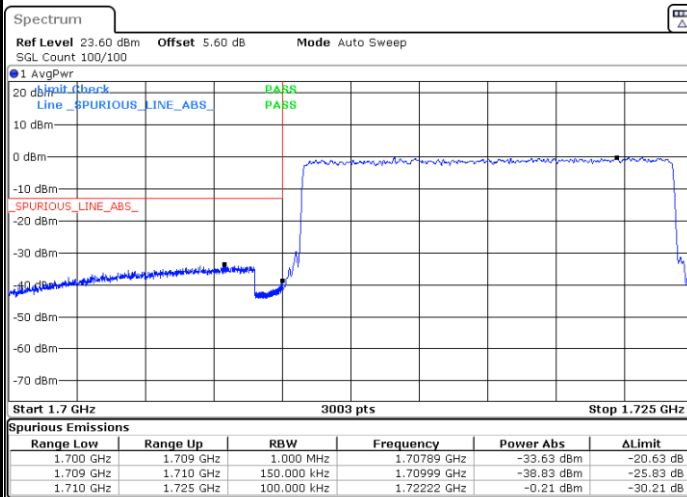
Date: 19 JUL 2023 12:56:24

Highest Band Edge / 1 RB



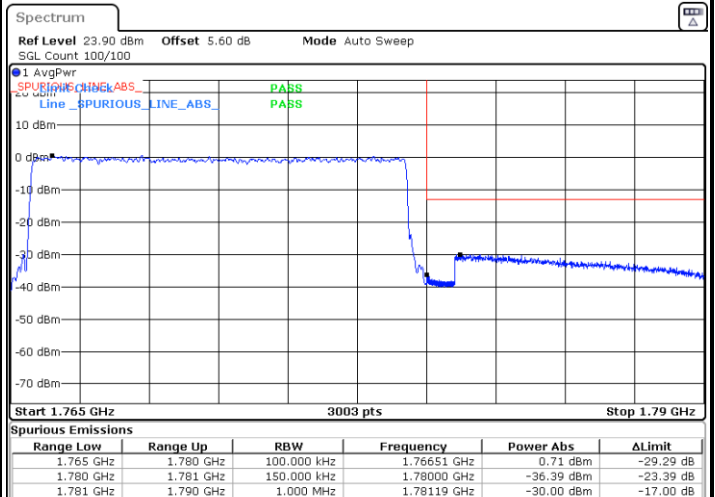
Date: 19 JUL 2023 13:01:43

Lowest Band Edge / Full RB



Date: 19 JUL 2023 12:58:29

Highest Band Edge / Full RB

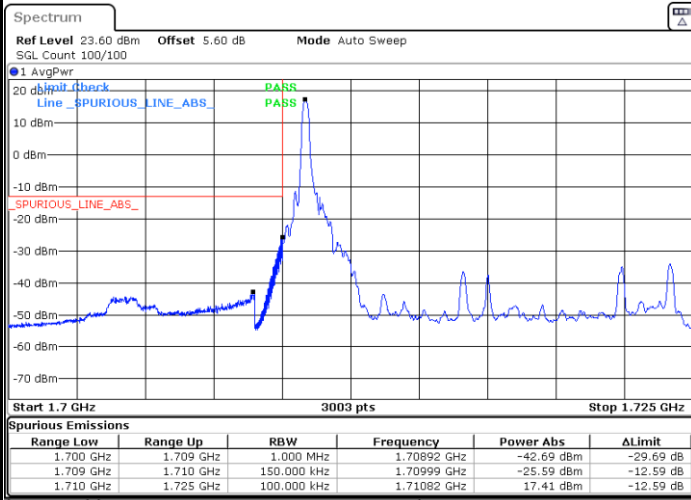


Date: 19 JUL 2023 13:00:22



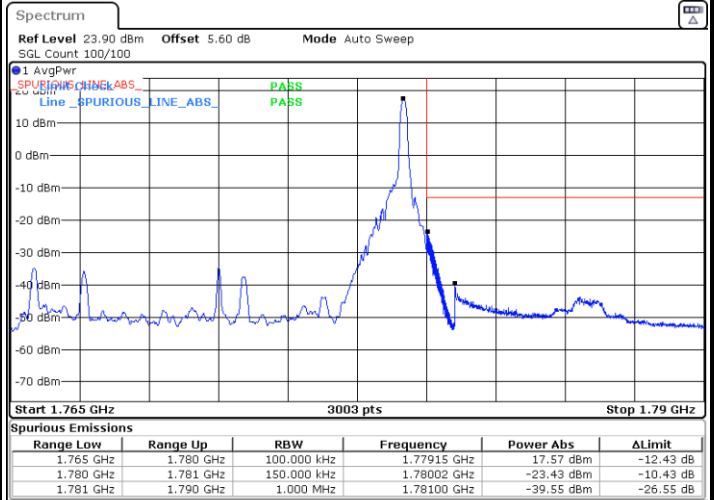
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



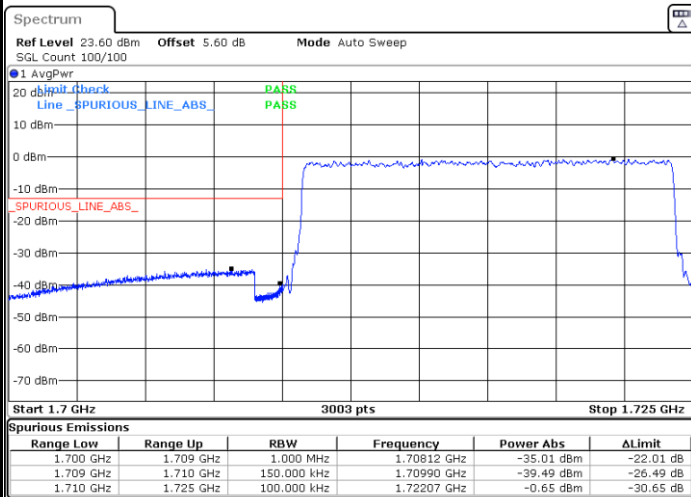
Date: 19 JUL 2023 12:56:58

Highest Band Edge / 1 RB



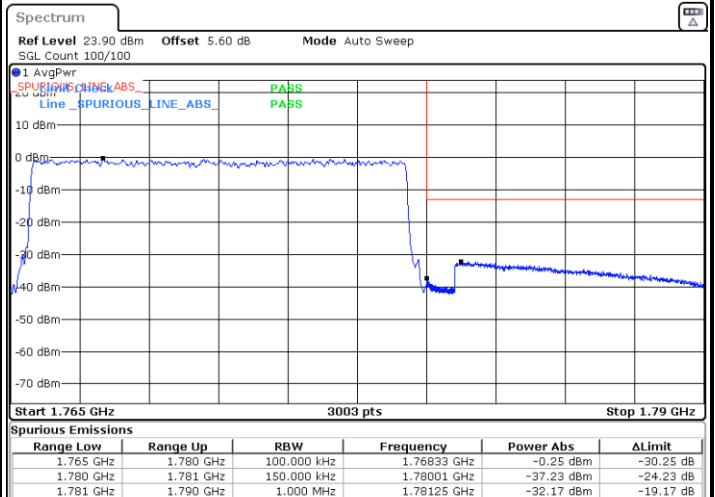
Date: 19 JUL 2023 13:01:21

Lowest Band Edge / Full RB



Date: 19 JUL 2023 12:57:53

Highest Band Edge / Full RB

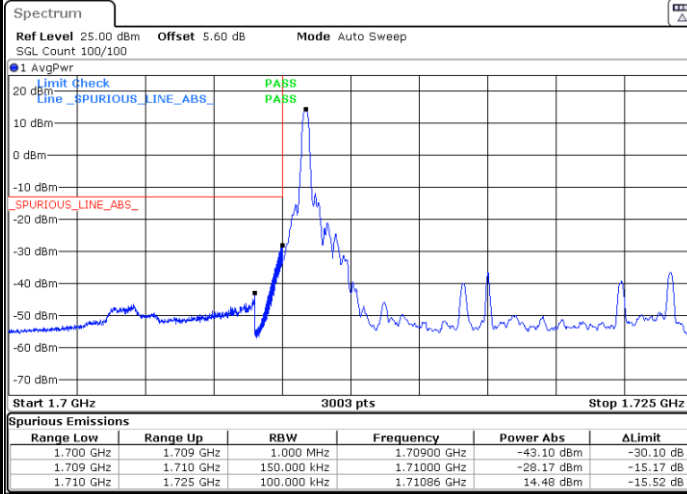


Date: 19 JUL 2023 13:00:46



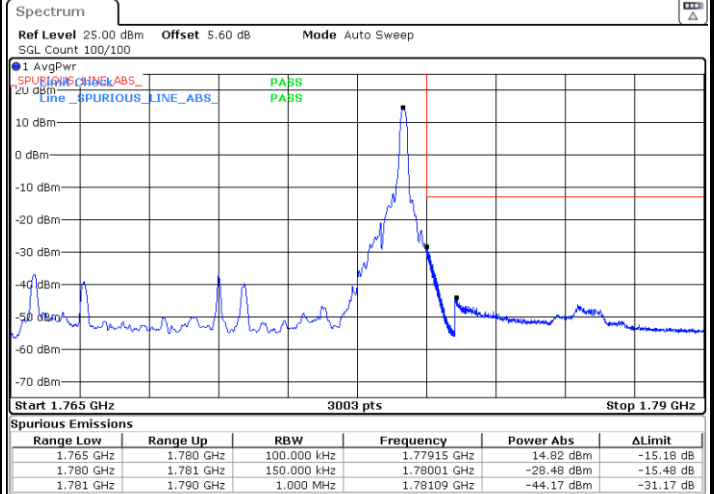
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



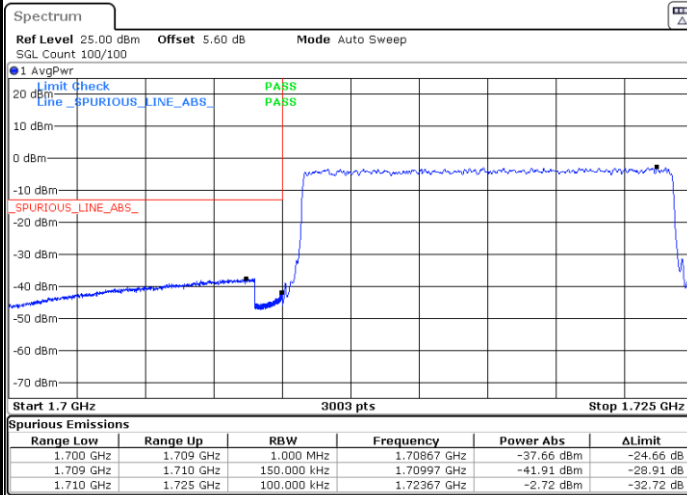
Date: 20.JUL.2023 22:17:50

Highest Band Edge / 1 RB



Date: 20.JUL.2023 22:19:26

Lowest Band Edge / Full RB



Date: 20.JUL.2023 22:18:13

Highest Band Edge / Full RB

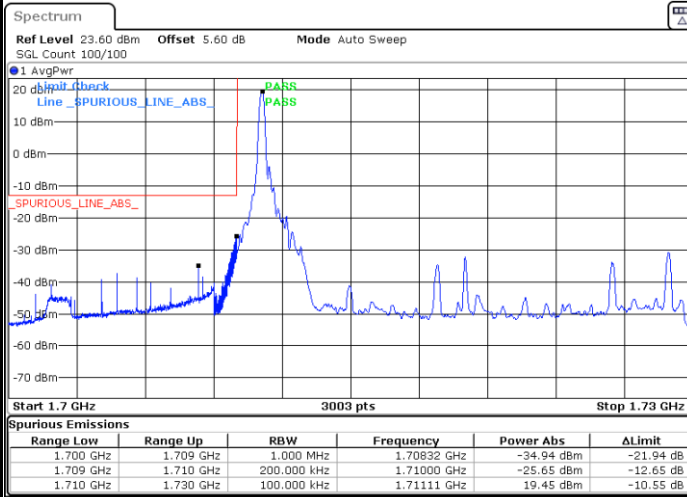


Date: 20.JUL.2023 22:19:03



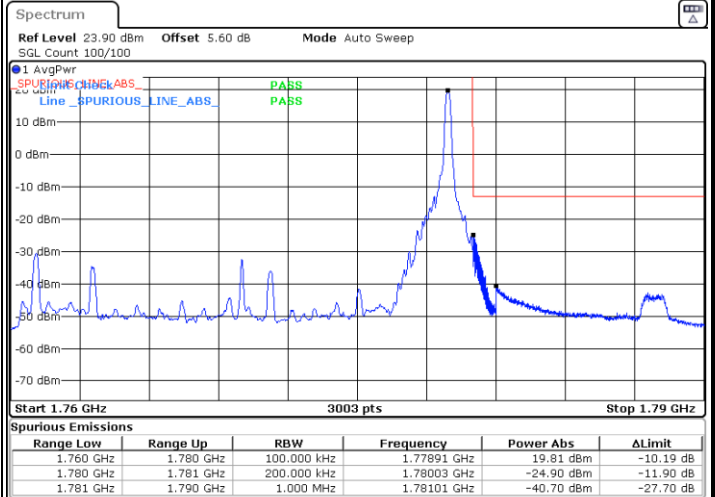
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



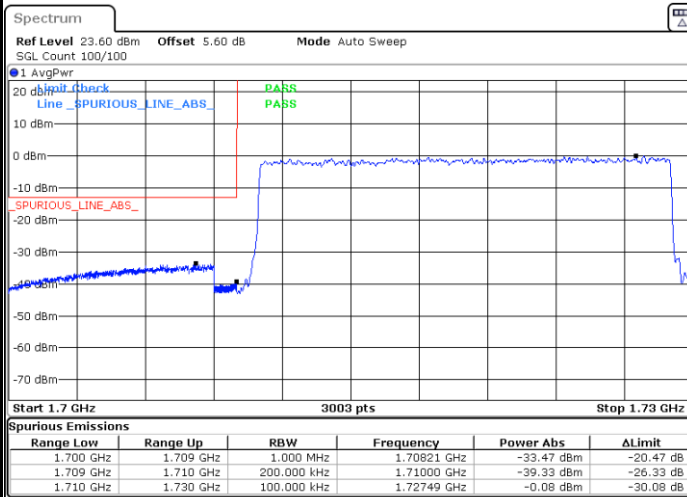
Date: 19 JUL 2023 13:11:28

Highest Band Edge / 1 RB



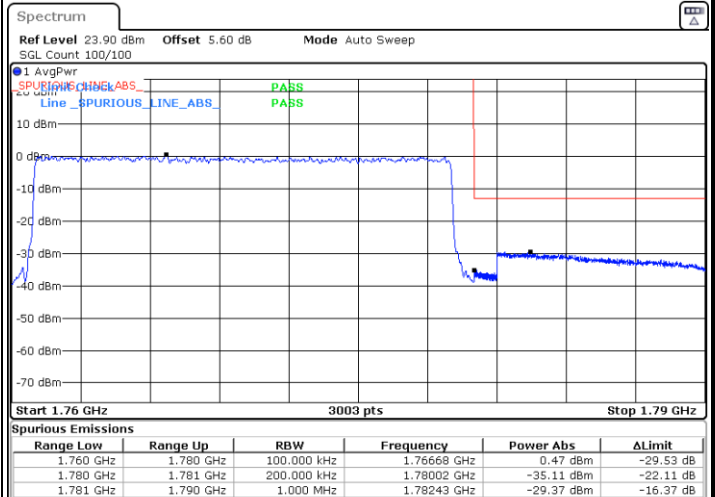
Date: 19 JUL 2023 13:17:36

Lowest Band Edge / Full RB



Date: 19 JUL 2023 13:14:12

Highest Band Edge / Full RB

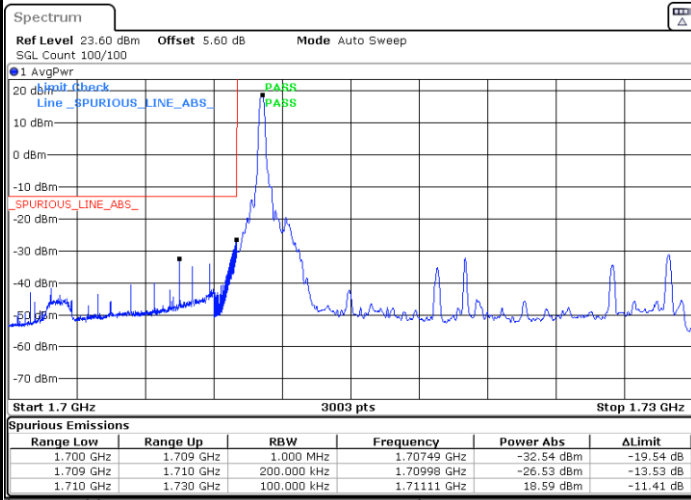


Date: 19 JUL 2023 13:14:58



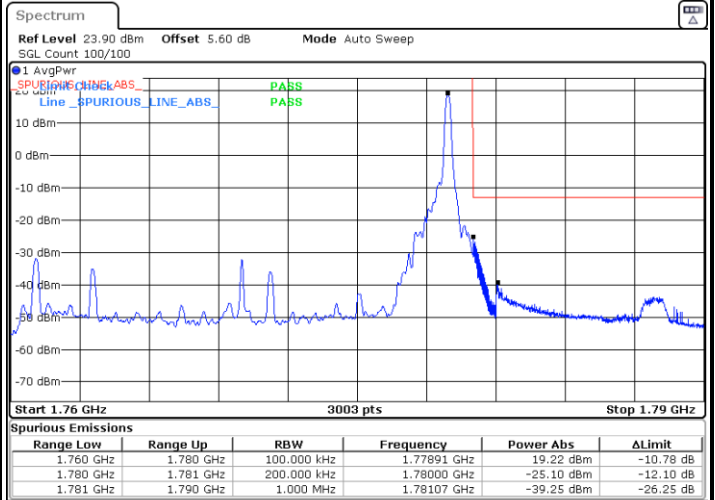
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



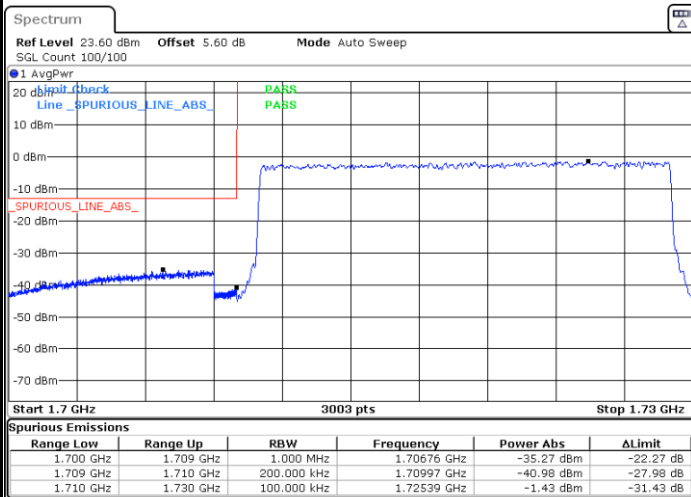
Date: 19 JUL 2023 13:11:53

Highest Band Edge / 1 RB



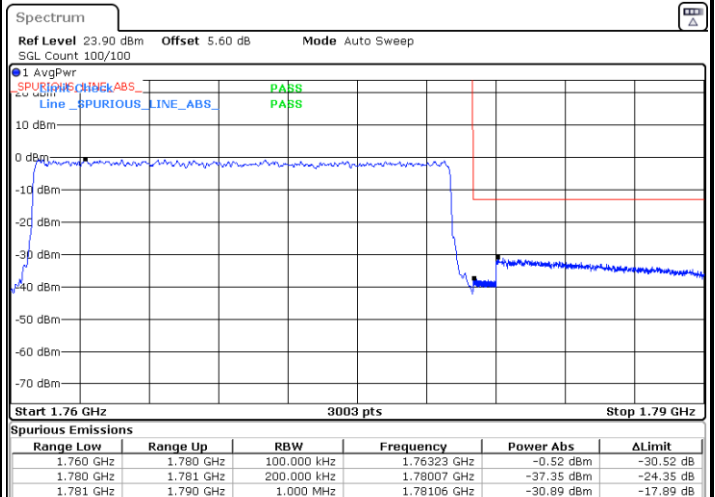
Date: 19 JUL 2023 13:17:08

Lowest Band Edge / Full RB



Date: 19 JUL 2023 13:13:43

Highest Band Edge / Full RB

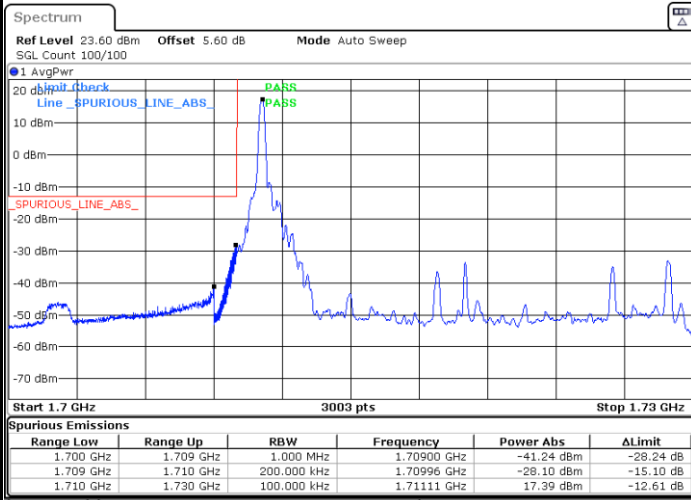


Date: 19 JUL 2023 13:15:24



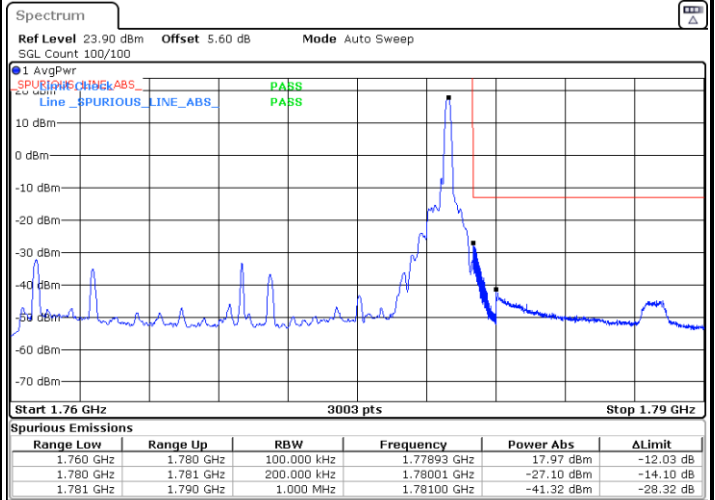
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



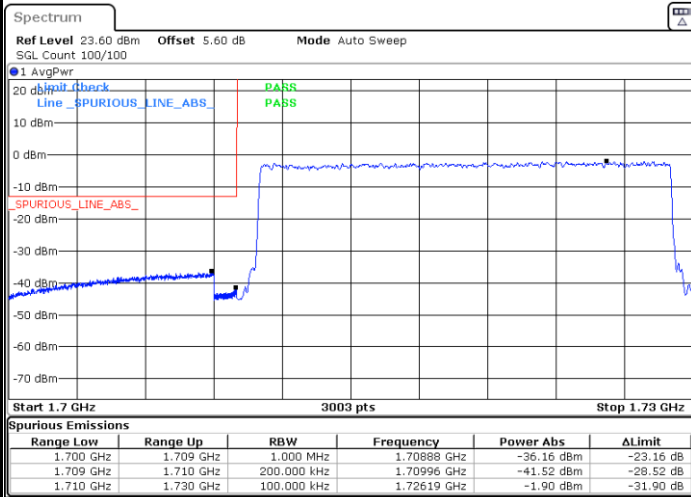
Date: 19 JUL 2023 13:12:45

Highest Band Edge / 1 RB



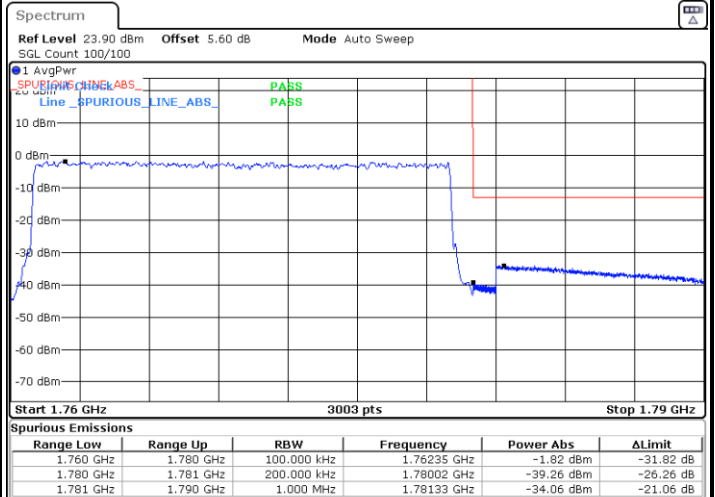
Date: 19 JUL 2023 13:16:32

Lowest Band Edge / Full RB



Date: 19 JUL 2023 13:13:11

Highest Band Edge / Full RB

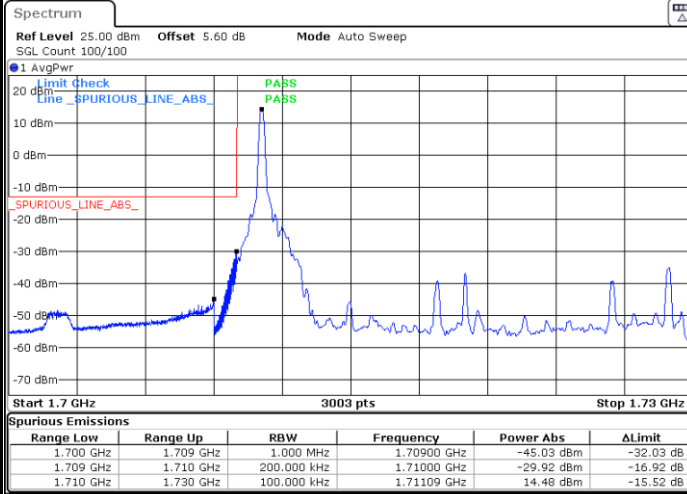


Date: 19 JUL 2023 13:15:51



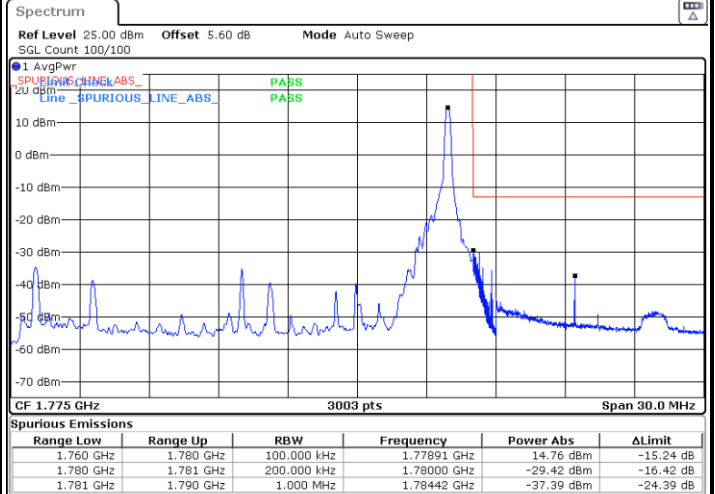
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



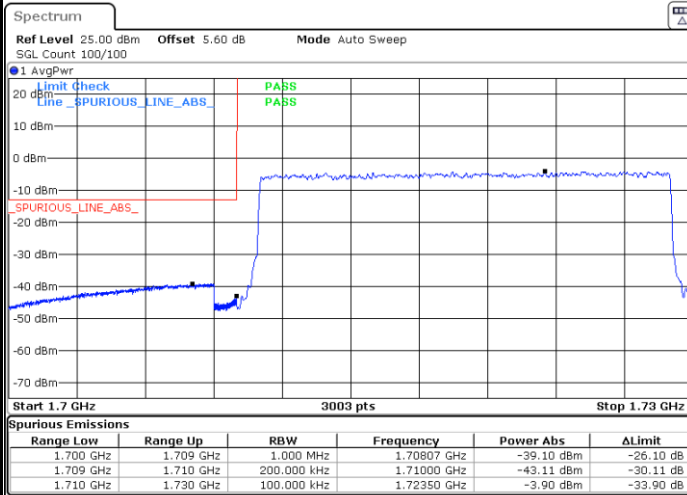
Date: 20.JUL.2023 22:14:01

Highest Band Edge / 1 RB



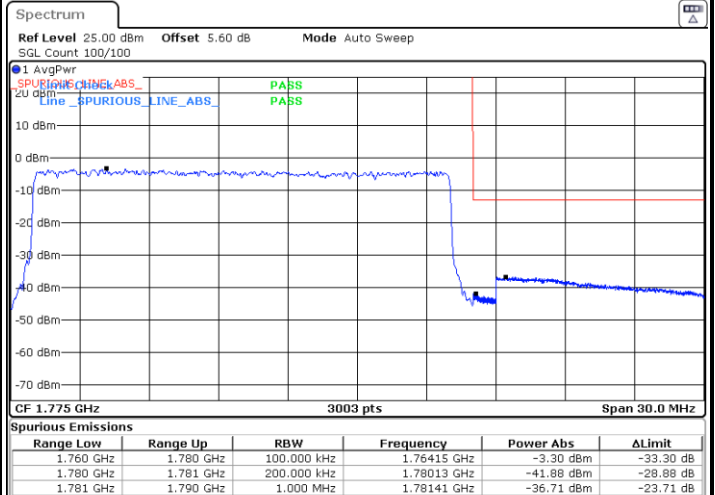
Date: 20.JUL.2023 22:15:49

Lowest Band Edge / Full RB



Date: 20.JUL.2023 22:14:22

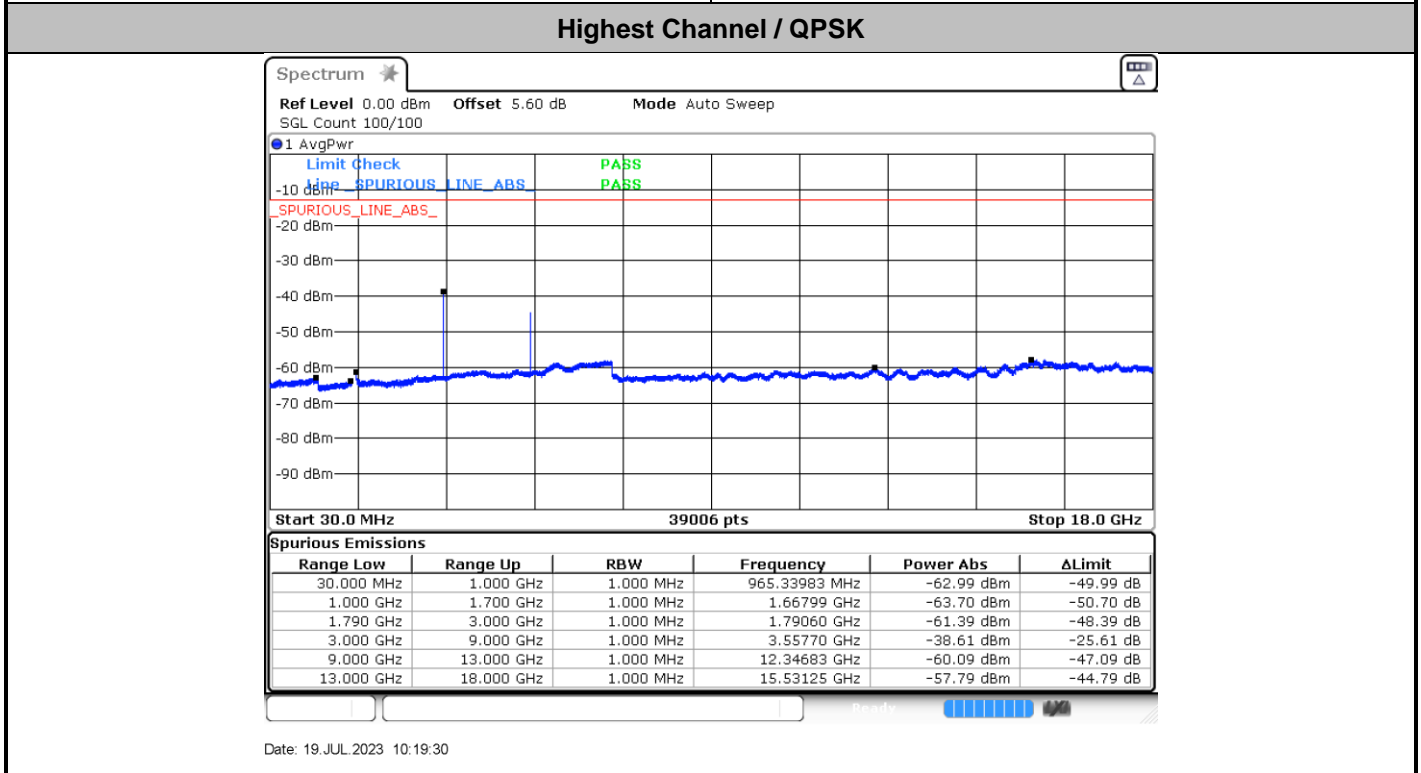
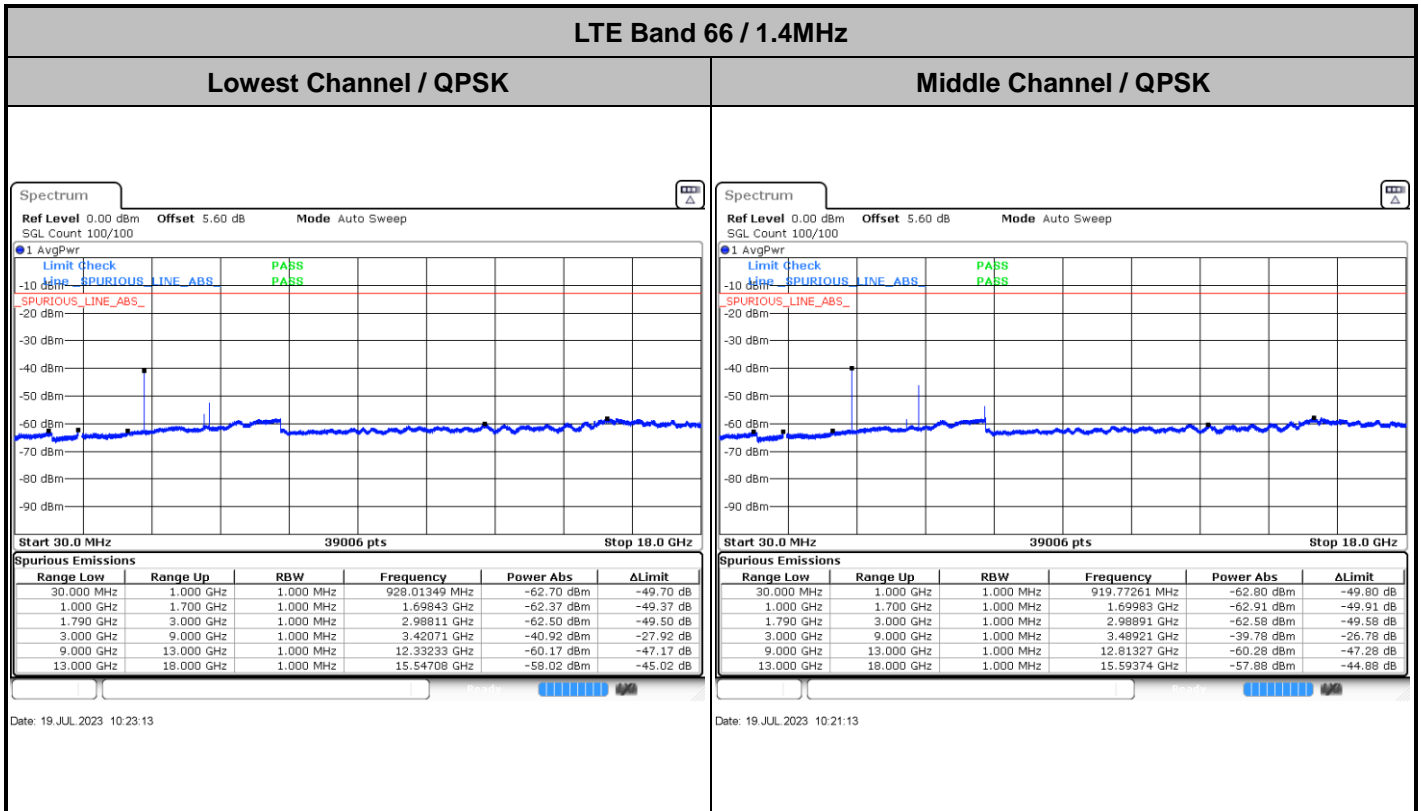
Highest Band Edge / Full RB



Date: 20.JUL.2023 22:15:26



Conducted Spurious Emission

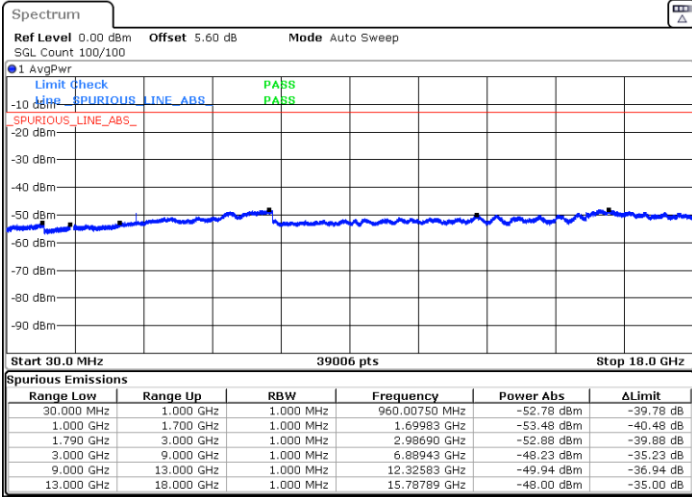




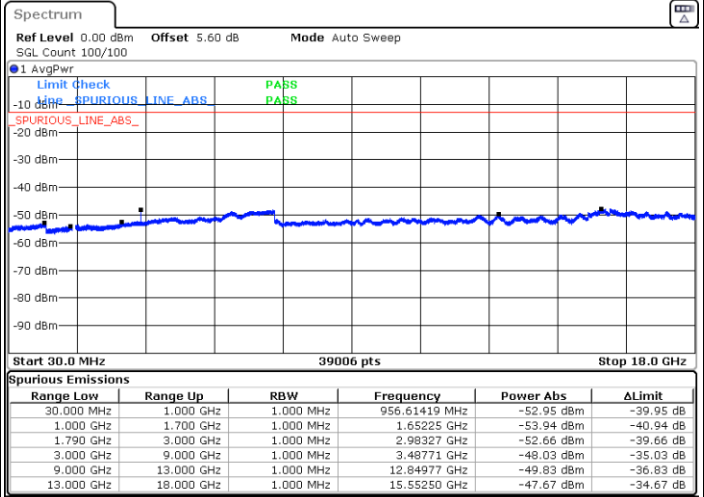
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

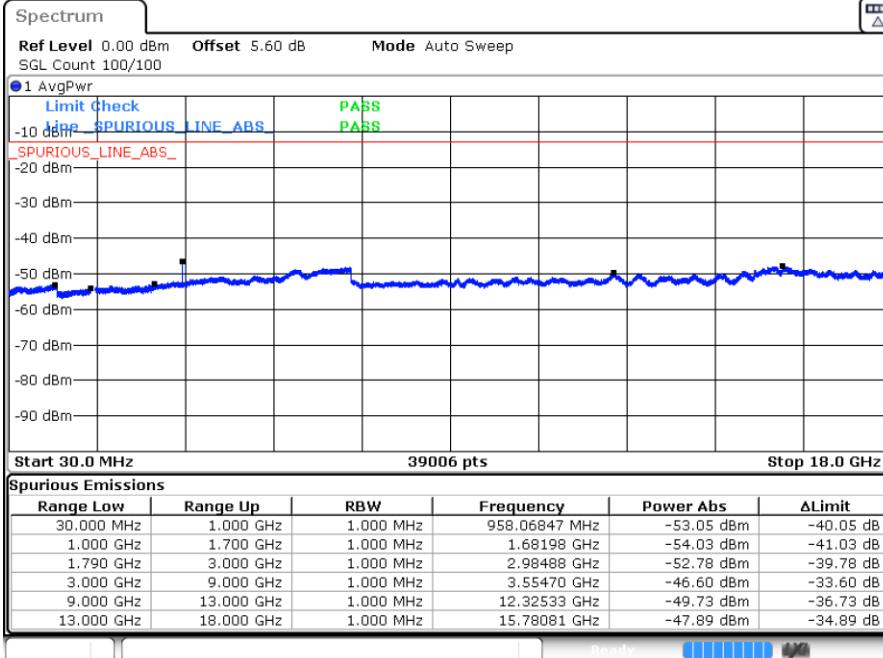


Date: 19 JUL 2023 10:34:48



Date: 19 JUL 2023 10:33:13

Highest Channel / QPSK



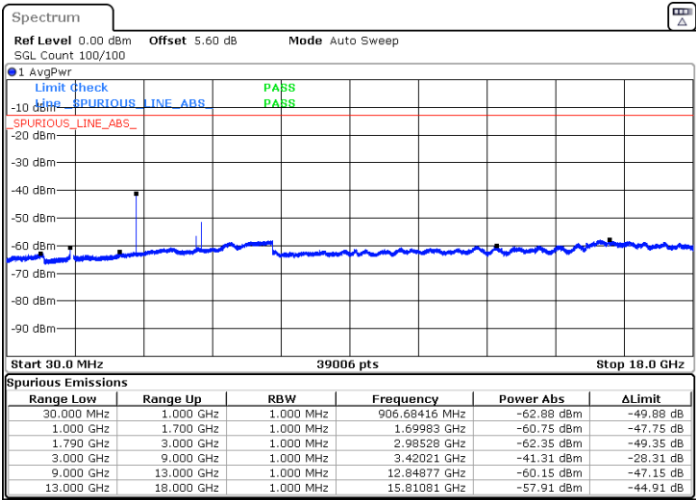
Date: 19 JUL 2023 10:56:35



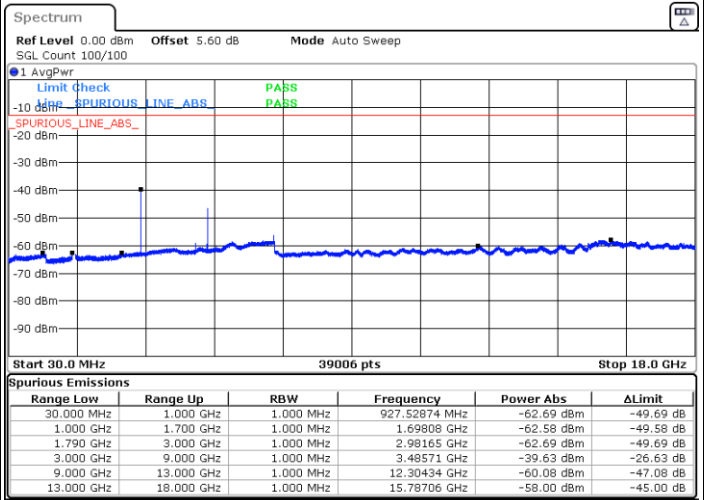
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

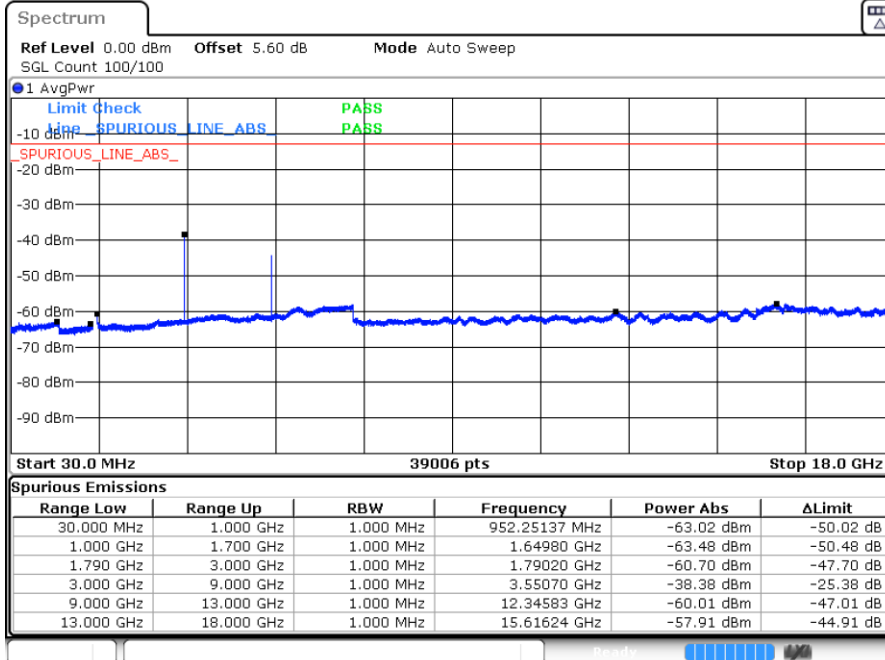


Date: 19.JUL.2023 11:04:48



Date: 19.JUL.2023 11:03:14

Highest Channel / QPSK



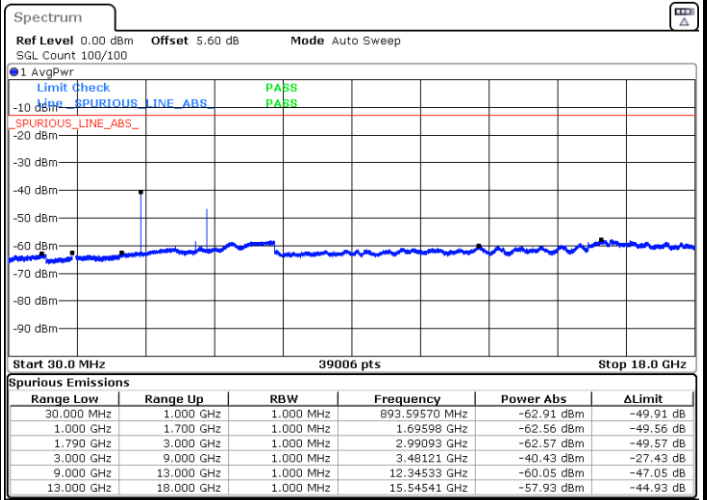
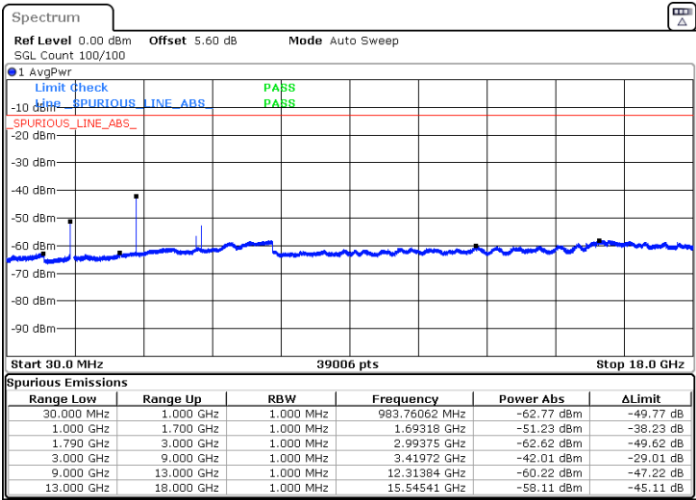
Date: 19.JUL.2023 11:13:34



LTE Band 66 / 10MHz

Lowest Channel / QPSK

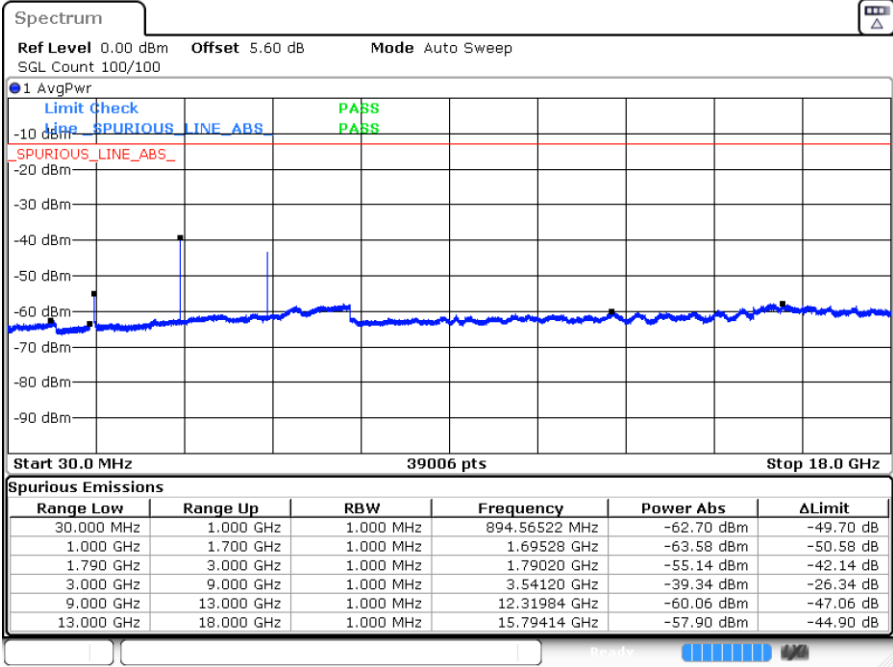
Middle Channel / QPSK



Date: 19.JUL.2023 12:41:00

Date: 19.JUL.2023 12:39:25

Highest Channel / QPSK



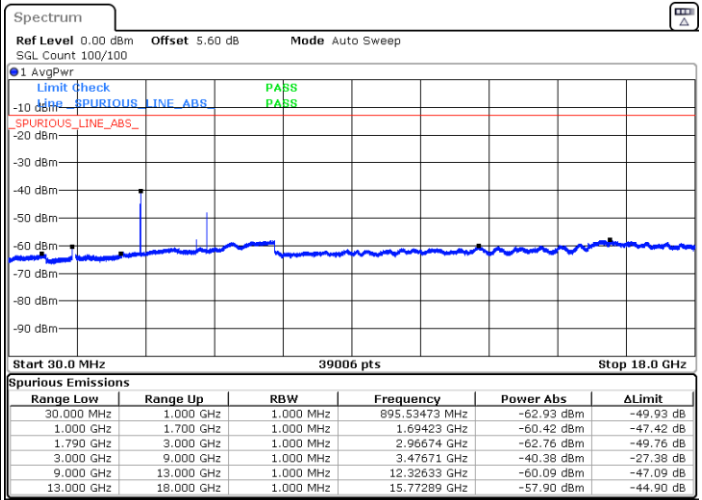
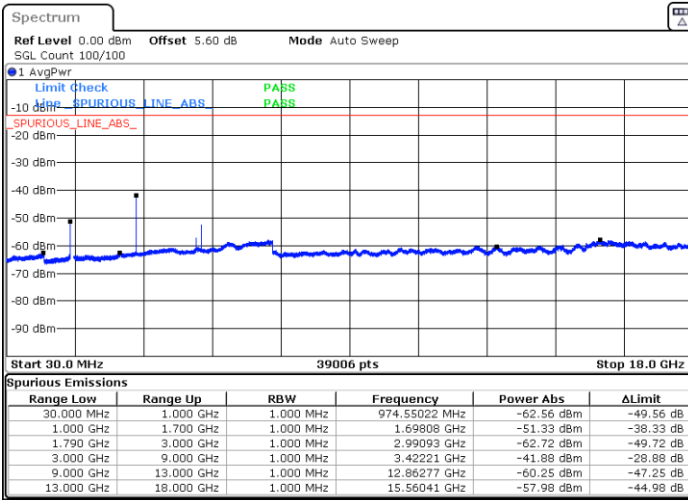
Date: 19.JUL.2023 12:48:51



LTE Band 66 / 15MHz

Lowest Channel / QPSK

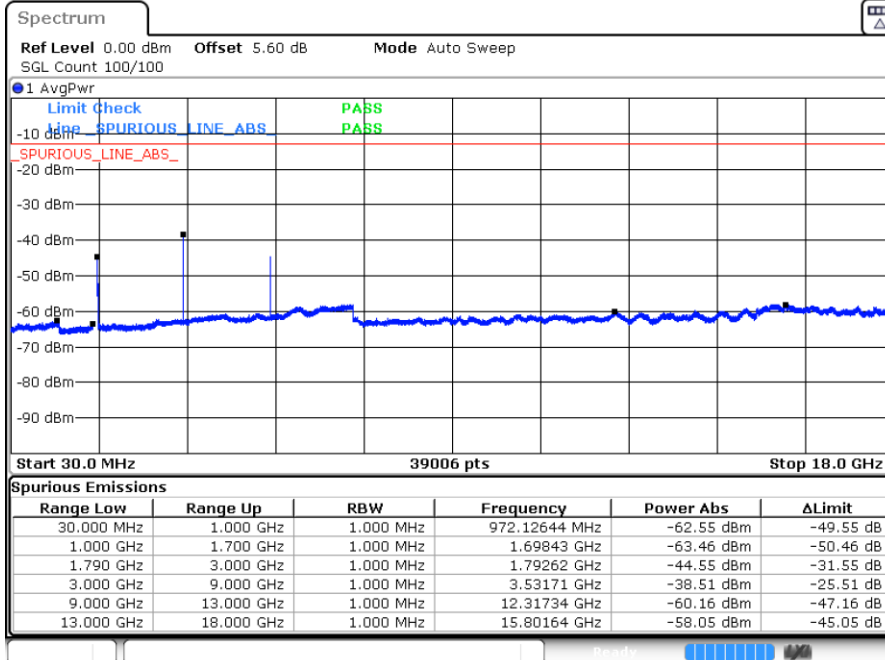
Middle Channel / QPSK



Date: 19.JUL.2023 12:55:24

Date: 19.JUL.2023 12:53:51

Highest Channel / QPSK



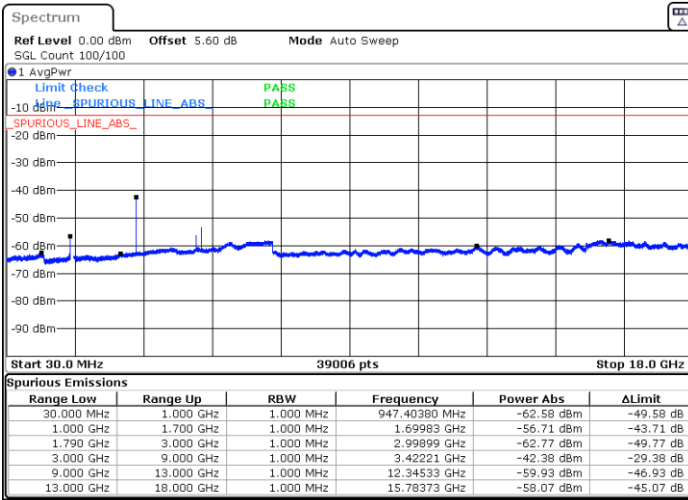
Date: 19.JUL.2023 13:03:41



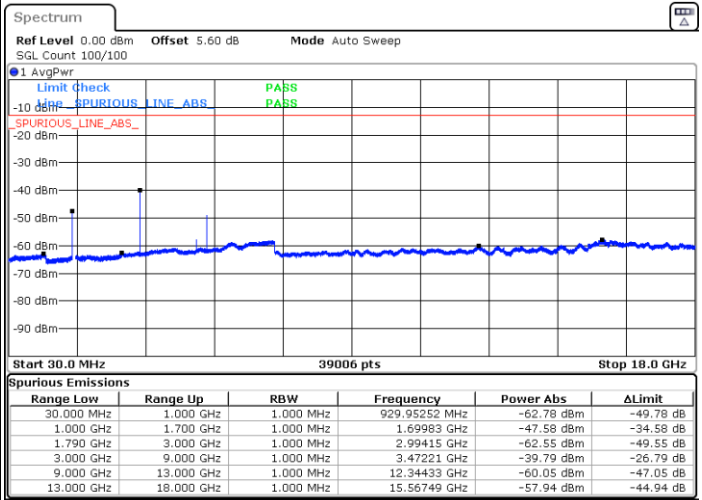
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

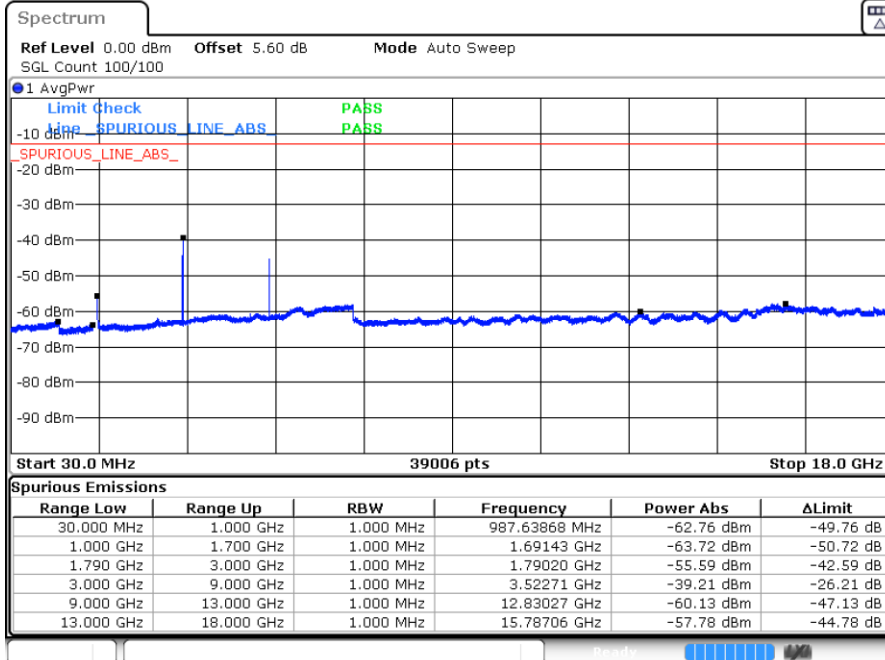


Date: 19.JUL.2023 13:09:08



Date: 19.JUL.2023 13:07:29

Highest Channel / QPSK



Date: 19.JUL.2023 13:19:05



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	0.0038	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0046	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5 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%

RSE Pre-scanned harmonic for the different antennas, only the worst antenna perform final test and record in the test report.

LTE Band 2 / 20MHz / QPSK / Ant.0								
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	3741	-67.35	-13	-54.35	-79.61	2.641	14.90	H
	5613	-59.38	-13	-46.38	-71.24	2.94	14.80	H
	7488	-57.91	-13	-44.91	-67.68	3.39	13.16	H
	3741	-67.82	-13	-54.82	-80.08	2.64	14.90	V
	5613	-59.87	-13	-46.87	-71.73	2.94	14.80	V
	7488	-57.45	-13	-44.45	-67.22	3.39	13.16	V

LTE Band 12 / 10MHz / QPSK / Ant.0								
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	-73.76	-13	-60.76	-80.73	1.58	10.70	H
	2112	-70.46	-13	-57.46	-78.71	2.102	12.50	H
	2816	-68.90	-13	-55.90	-77.79	2.856	13.90	H
	1408	-73.65	-13	-60.65	-80.62	1.58	10.70	V
	2112	-70.14	-13	-57.14	-78.39	2.10	12.50	V
	2816	-68.78	-13	-55.78	-77.67	2.86	13.90	V

LTE Band 13 / 10MHz / QPSK / Ant.0								
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	1560	-72.54	-42.15	-30.39	-75.17	1.09	5.87	H
	2336	-69.97	-13	-56.97	-72.37	1.37	5.92	H
	3120	-68.28	-13	-55.28	-72.17	1.64	7.68	H
	1560	-73.04	-42.15	-30.89	-75.67	1.09	5.87	V
	2336	-69.74	-13	-56.74	-72.14	1.37	5.92	V
	3120	-67.93	-13	-54.93	-71.82	1.64	7.68	V



LTE Band 13 / 15MHz / QPSK / Ant.0								
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	1552	-73.25	-13	-60.25	-75.88	1.09	5.87	H
	2328	-69.91	-13	-56.91	-72.31	1.37	5.92	H
	3112	-68.23	-13	-55.23	-72.12	1.64	7.68	H
	1552	-72.05	-13	-59.05	-74.68	1.09	5.87	V
	2328	-69.42	-13	-56.42	-71.82	1.37	5.92	V
	3112	-68.40	-13	-55.40	-72.29	1.64	7.68	V

LTE Band 26 / 20MHz / QPSK / Ant.0								
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	-72.53	-13	-59.53	-79.50	1.58	10.70	H
	2488	-68.57	-13	-55.57	-76.82	2.102	12.50	H
	3320	-67.76	-13	-54.76	-76.65	2.856	13.90	H
	1656	-72.15	-13	-59.15	-79.12	1.58	10.70	V
	2488	-68.31	-13	-55.31	-76.56	2.10	12.50	V
	3320	-68.37	-13	-55.37	-77.26	2.86	13.90	V

LTE Band 66 / 20MHz / QPSK / Ant.0								
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	3471	-64.33	-13	-51.33	-75.07	2.604	13.34	H
	5208	-59.02	-13	-46.02	-69.53	3.011	13.52	H
	6948	-58.39	-13	-45.39	-68.59	3.271	13.47	H
	3471	-65.60	-13	-52.60	-76.34	2.604	13.34	V
	5208	-58.36	-13	-45.36	-68.87	3.011	13.52	V
	6948	-58.11	-13	-45.11	-68.31	3.271	13.47	V



<For other PA>

ENDC 4A_n38A / 20MHz / QPSK / (Ant.1+0)								
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	3450	-58.06	-13	-45.06	-68.80	2.604	13.34	H
	5175	-54.69	-13	-41.69	-65.20	3.011	13.52	H
	6900	-55.16	-13	-42.16	-65.36	3.271	13.47	H
	3450	-58.12	-13	-45.12	-68.86	2.604	13.34	V
	5175	-54.92	-13	-41.92	-65.43	3.011	13.52	V
	6900	-55.31	-13	-42.31	-65.51	3.271	13.47	V

ENDC 66A_n78A / 20MHz / QPSK / (Ant.0+4)								
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	-58.34	-13	-45.34	-69.08	2.604	13.34	H
	5205	-56.45	-13	-43.45	-66.96	3.011	13.52	H
	6945	-55.29	-13	-42.29	-65.49	3.271	13.47	H
	3465	-58.22	-13	-45.22	-68.96	2.604	13.34	V
	5205	-55.98	-13	-42.98	-66.49	3.011	13.52	V
	6945	-54.83	-13	-41.83	-65.03	3.271	13.47	V

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