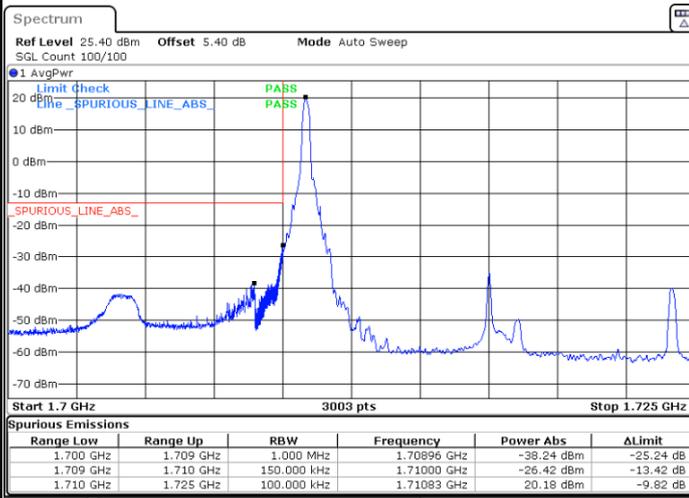




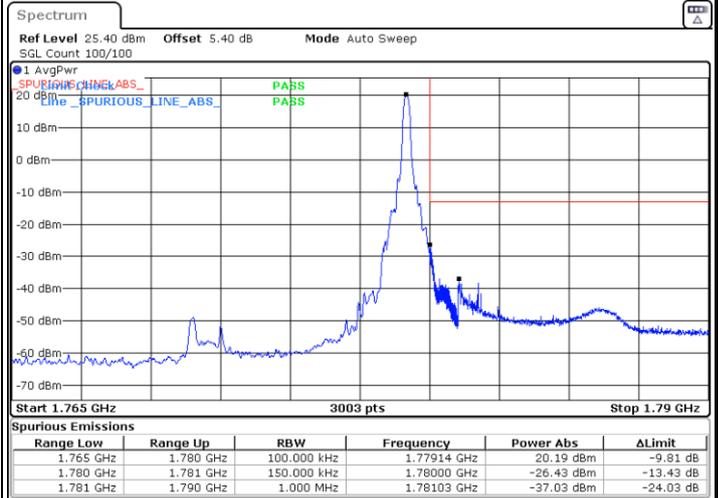
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



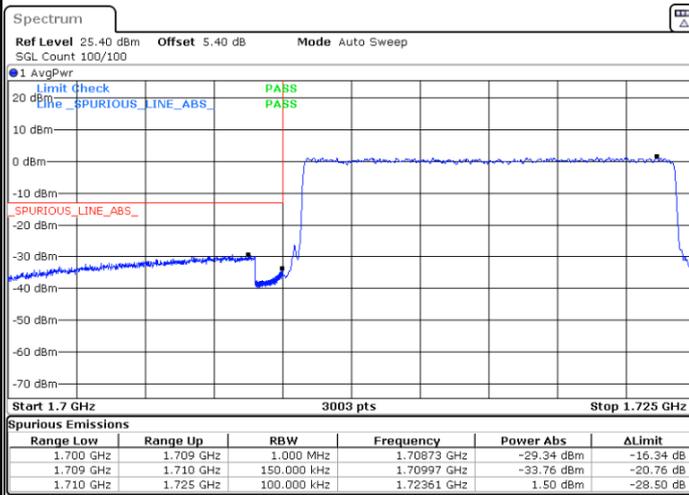
Date: 5.JAN.2023 22:22:13

Highest Band Edge / 1 RB



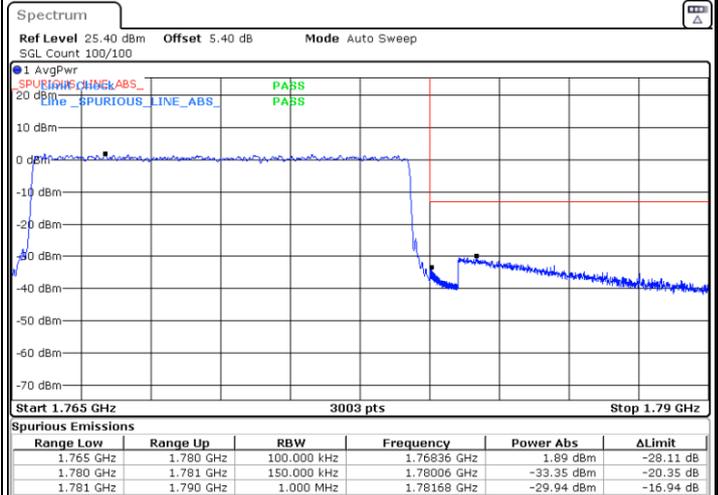
Date: 5.JAN.2023 22:38:43

Lowest Band Edge / Full RB



Date: 5.JAN.2023 22:27:41

Highest Band Edge / Full RB

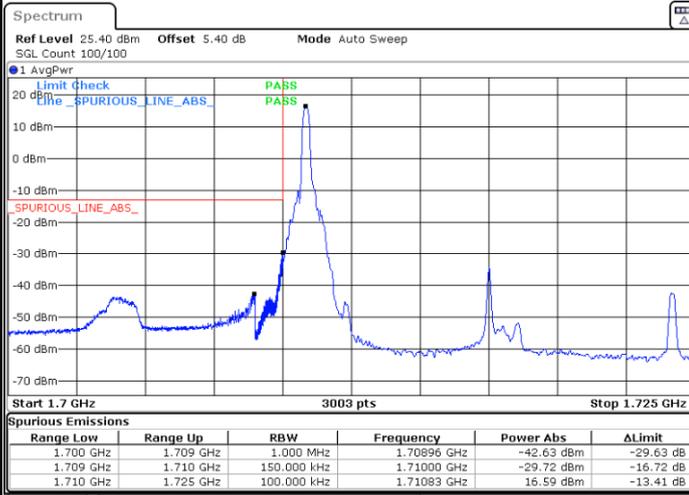


Date: 5.JAN.2023 22:45:56



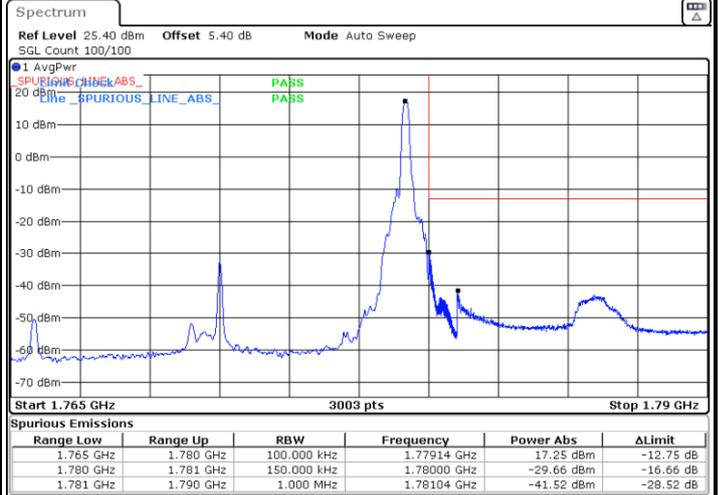
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



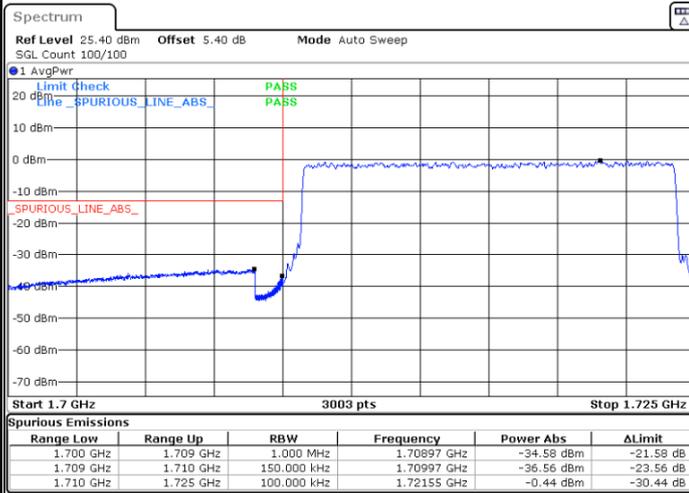
Date: 5, JAN, 2023 22:23:55

Highest Band Edge / 1 RB



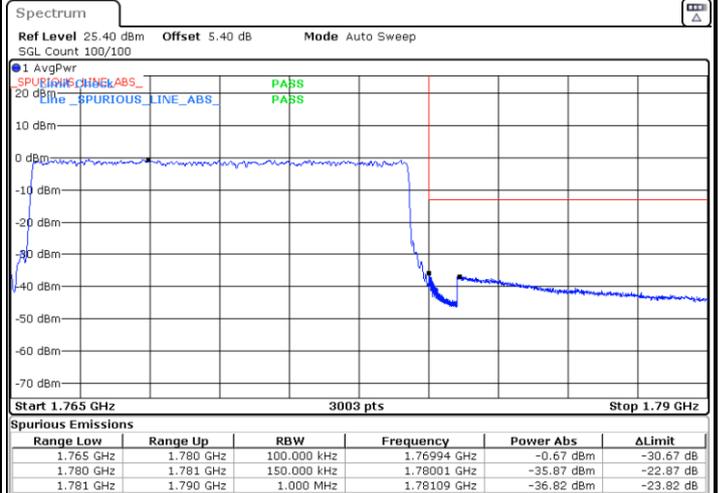
Date: 5, JAN, 2023 22:40:23

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 22:25:58

Highest Band Edge / Full RB

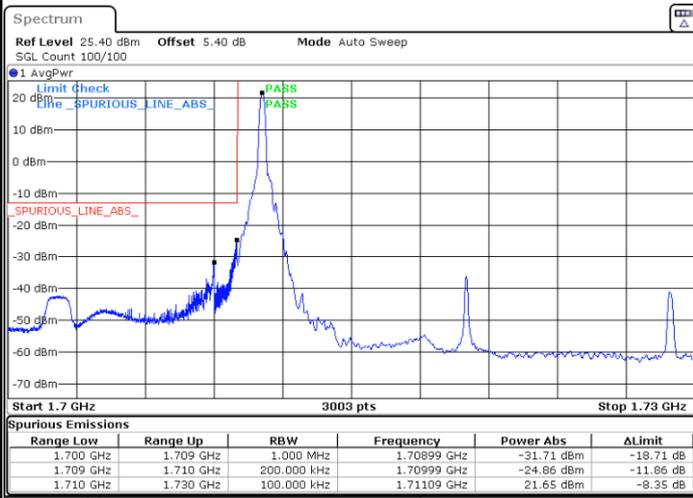


Date: 5, JAN, 2023 22:44:16



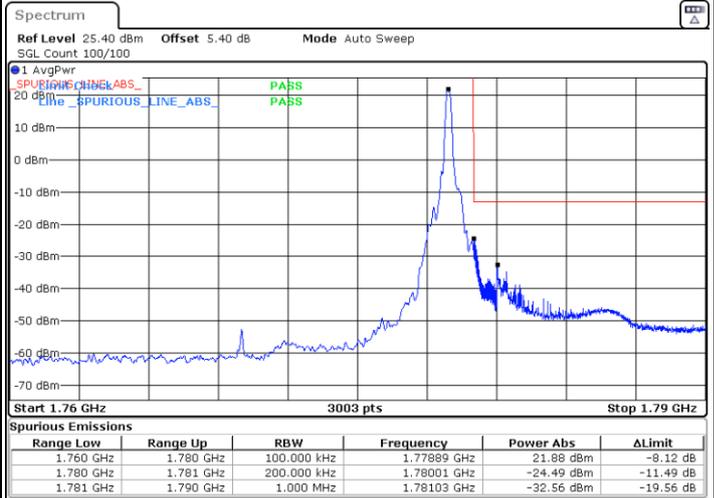
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



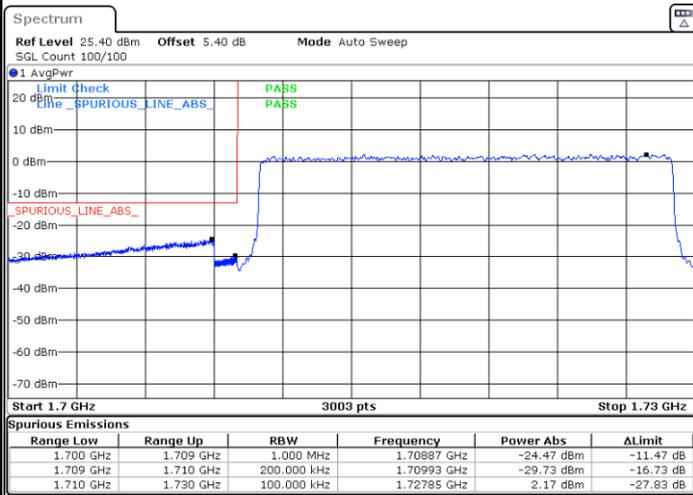
Date: 5.JAN.2023 22:52:19

Highest Band Edge / 1 RB



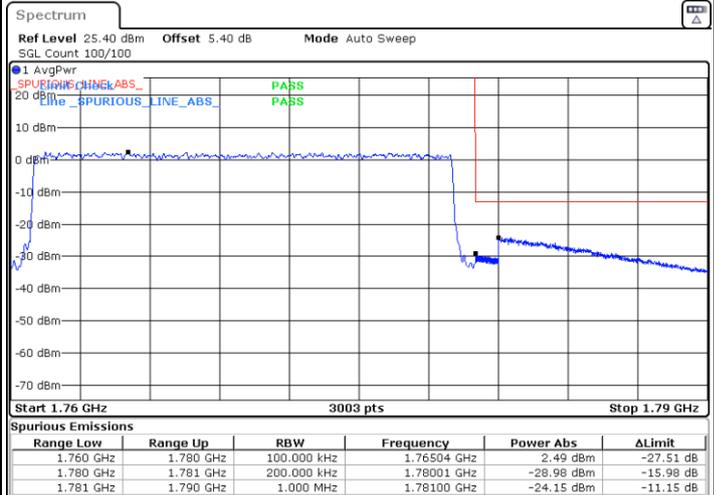
Date: 5.JAN.2023 23:09:03

Lowest Band Edge / Full RB



Date: 5.JAN.2023 23:04:42

Highest Band Edge / Full RB

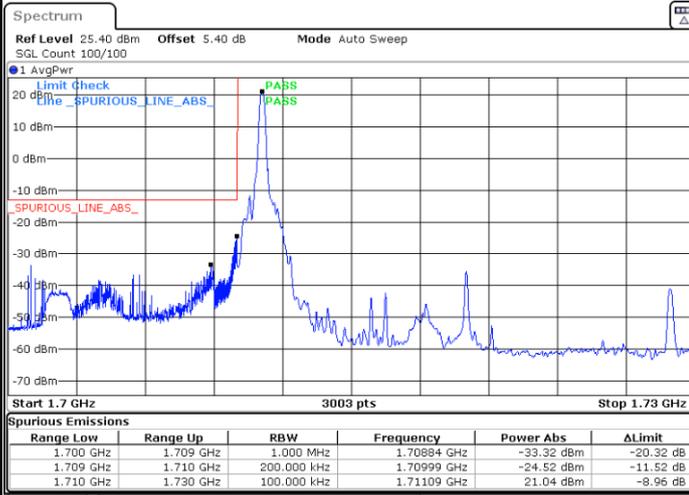


Date: 5.JAN.2023 23:20:49



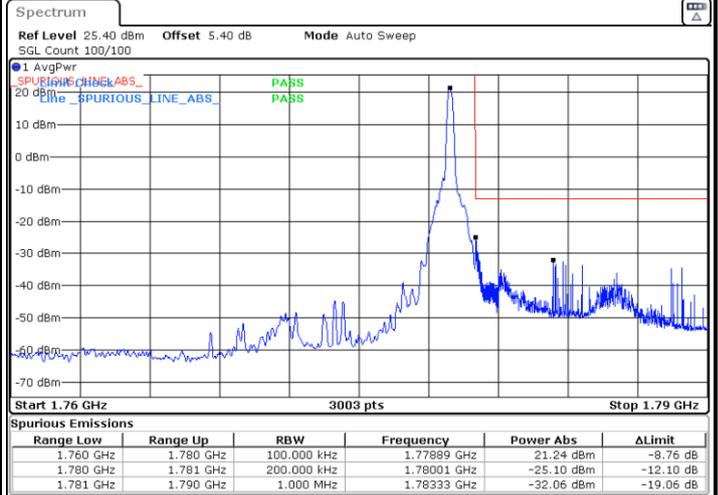
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



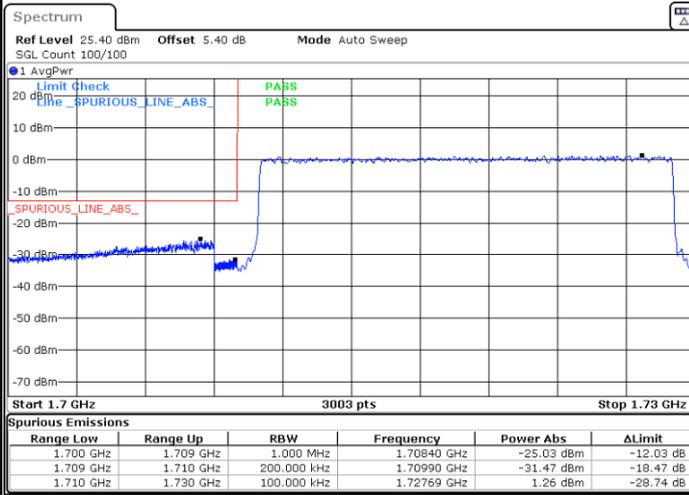
Date: 5, JAN, 2023 22:53:59

Highest Band Edge / 1 RB



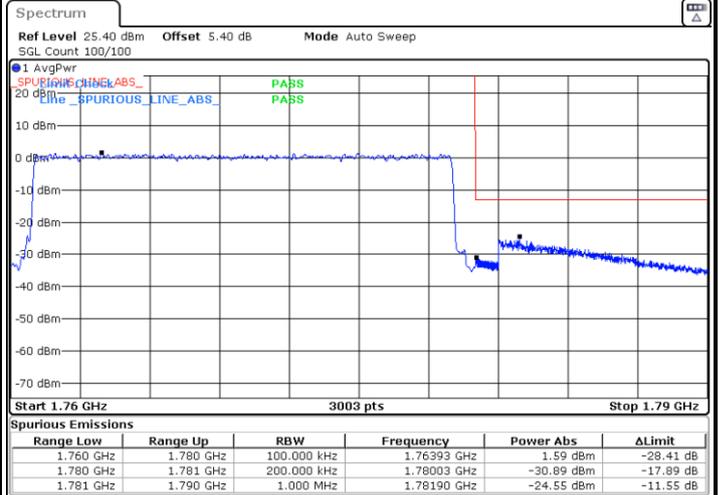
Date: 5, JAN, 2023 23:10:44

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 23:03:02

Highest Band Edge / Full RB

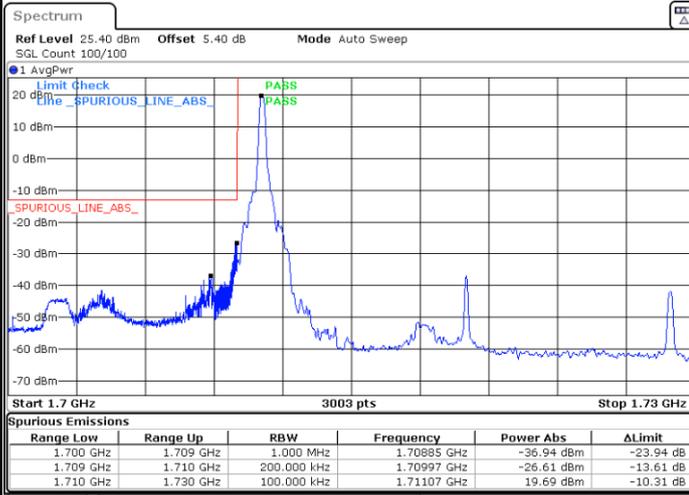


Date: 5, JAN, 2023 23:19:09



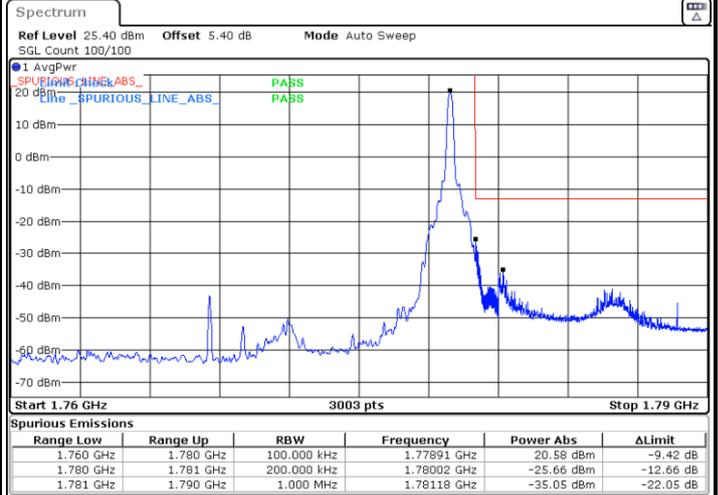
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



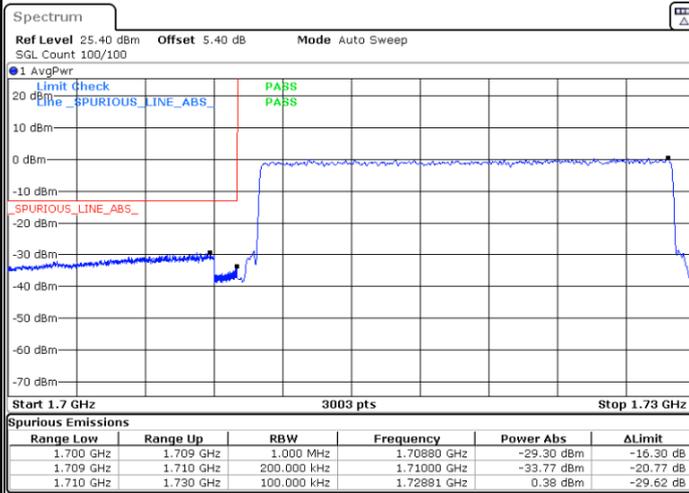
Date: 5.JAN.2023 22:55:40

Highest Band Edge / 1 RB



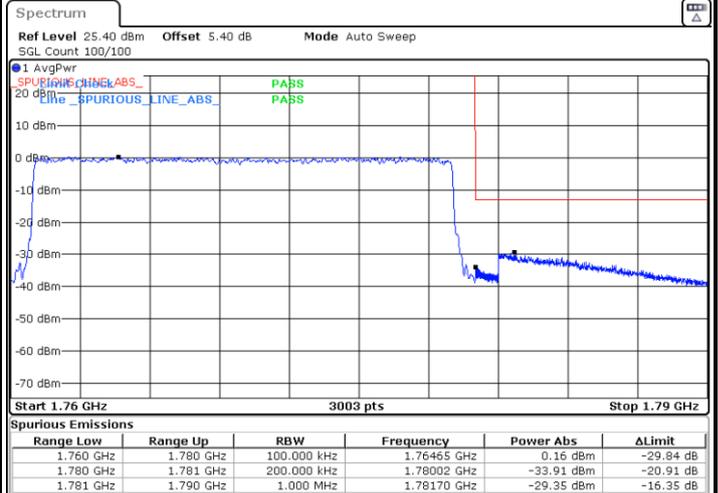
Date: 5.JAN.2023 23:12:24

Lowest Band Edge / Full RB



Date: 5.JAN.2023 23:01:22

Highest Band Edge / Full RB

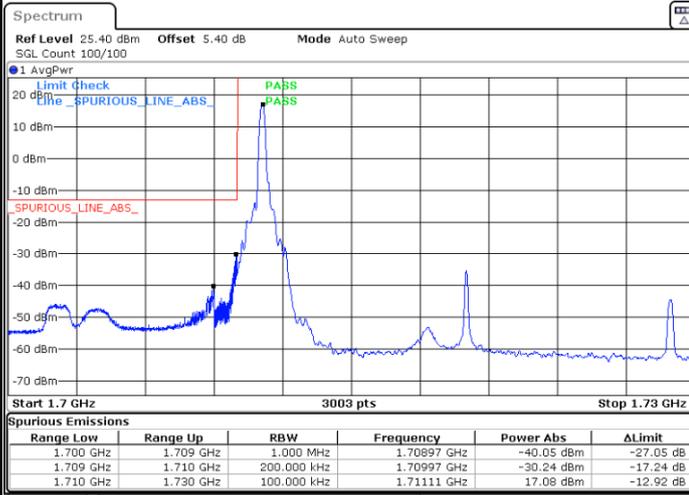


Date: 5.JAN.2023 23:17:28



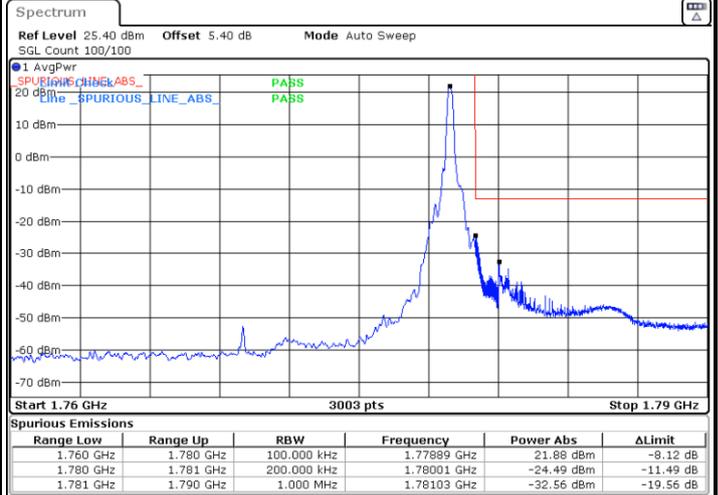
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



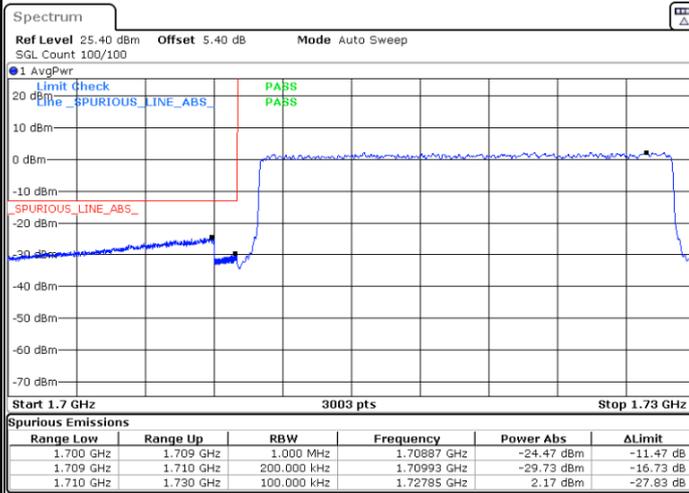
Date: 5, JAN, 2023 22:57:20

Highest Band Edge / 1 RB



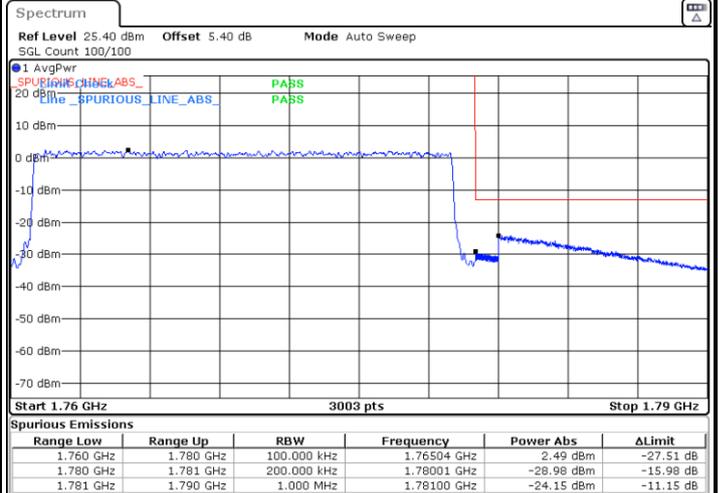
Date: 5, JAN, 2023 23:09:03

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 23:04:42

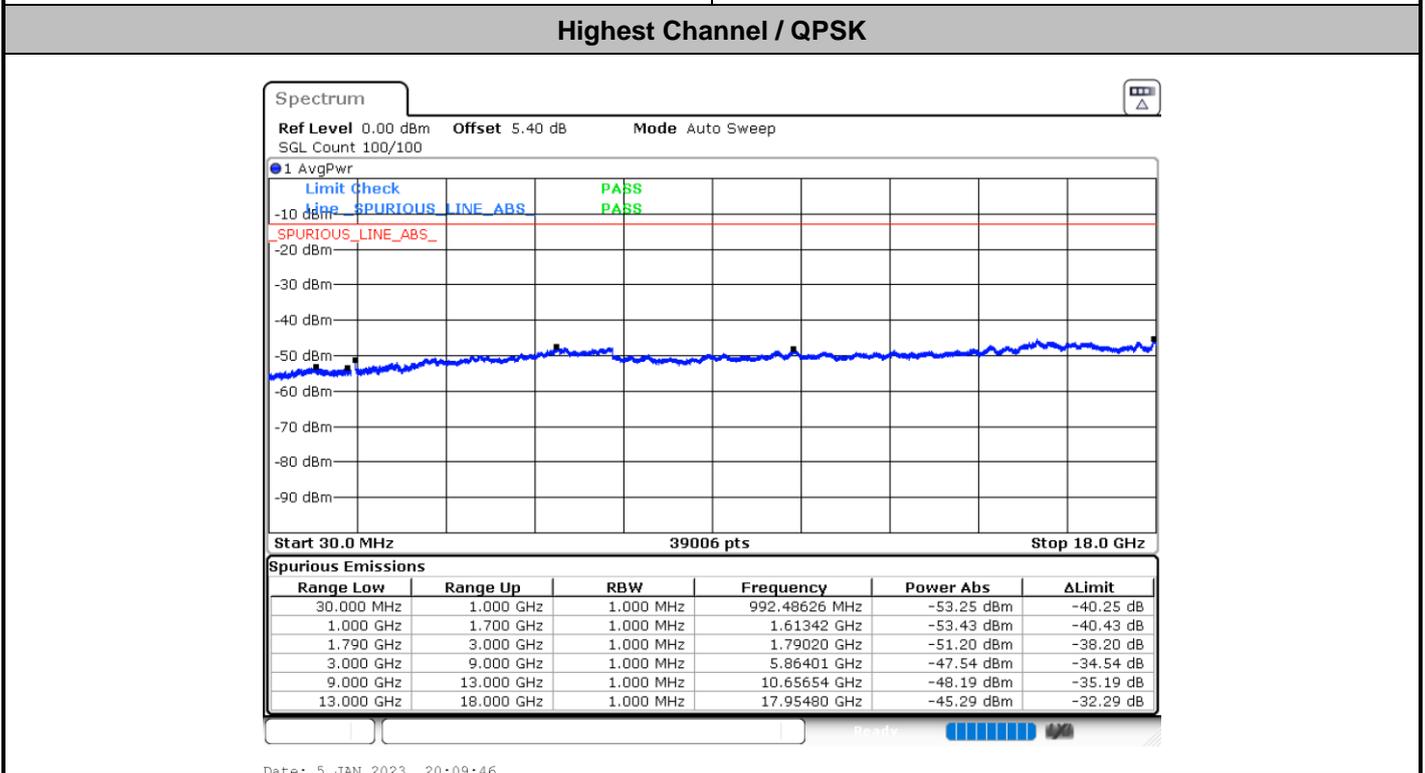
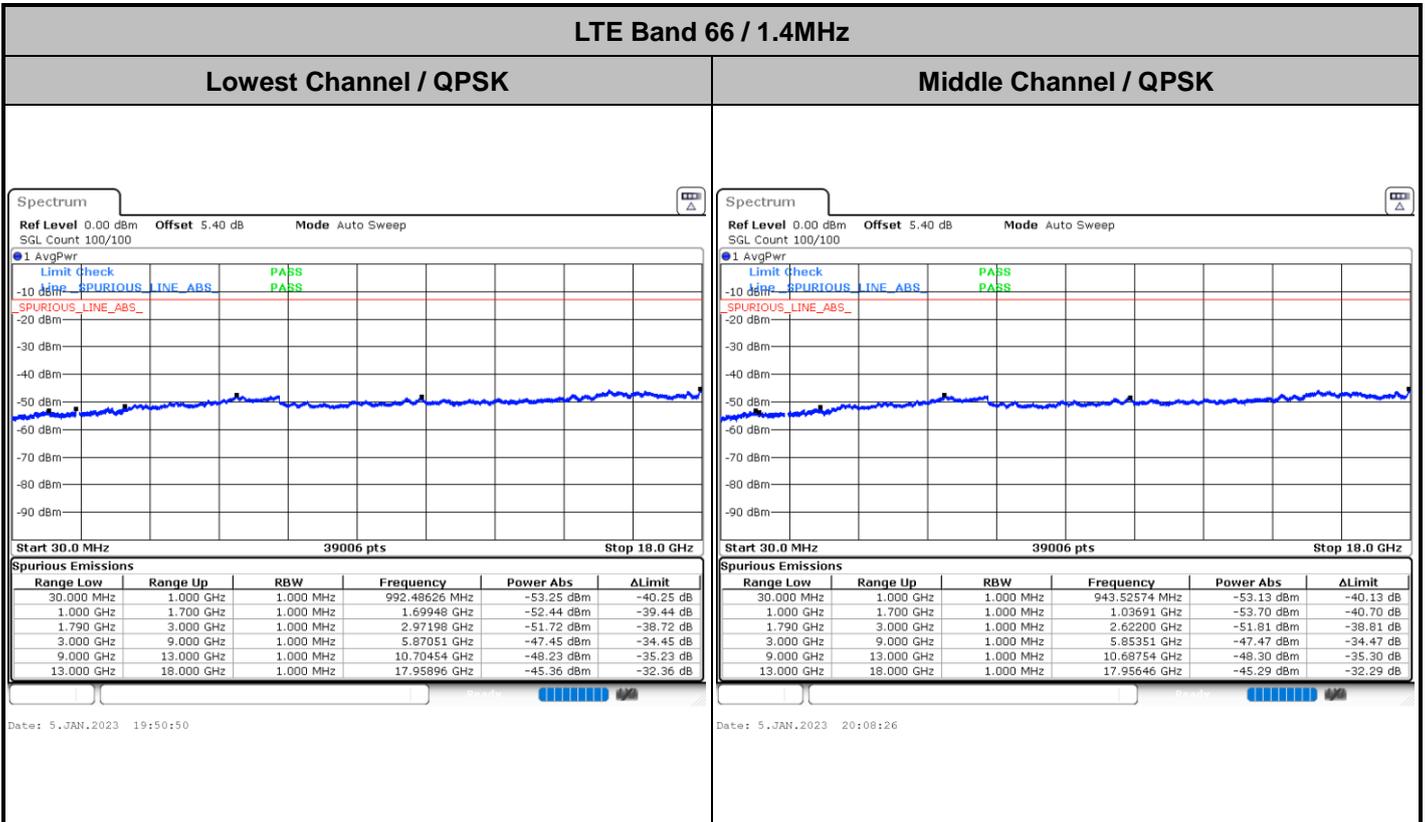
Highest Band Edge / Full RB



Date: 5, JAN, 2023 23:20:49



Conducted Spurious Emission

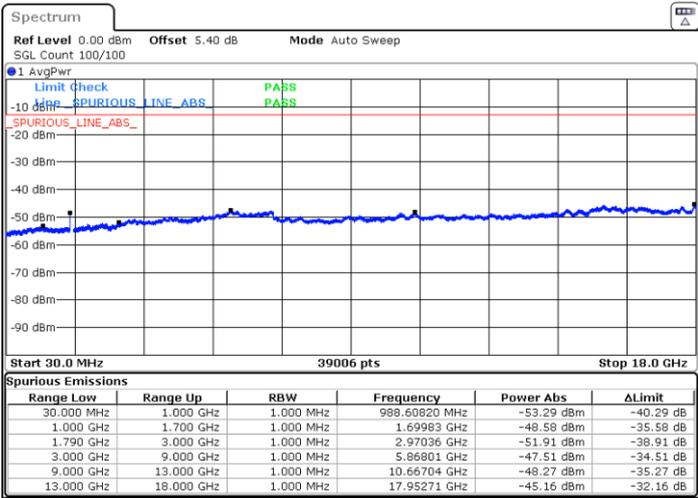




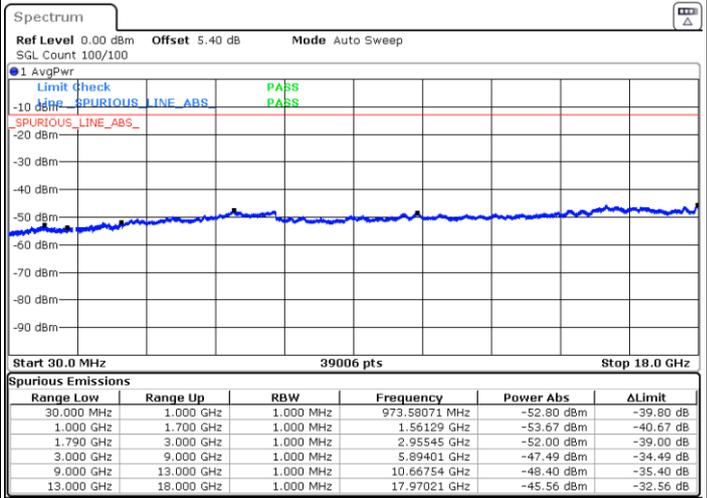
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

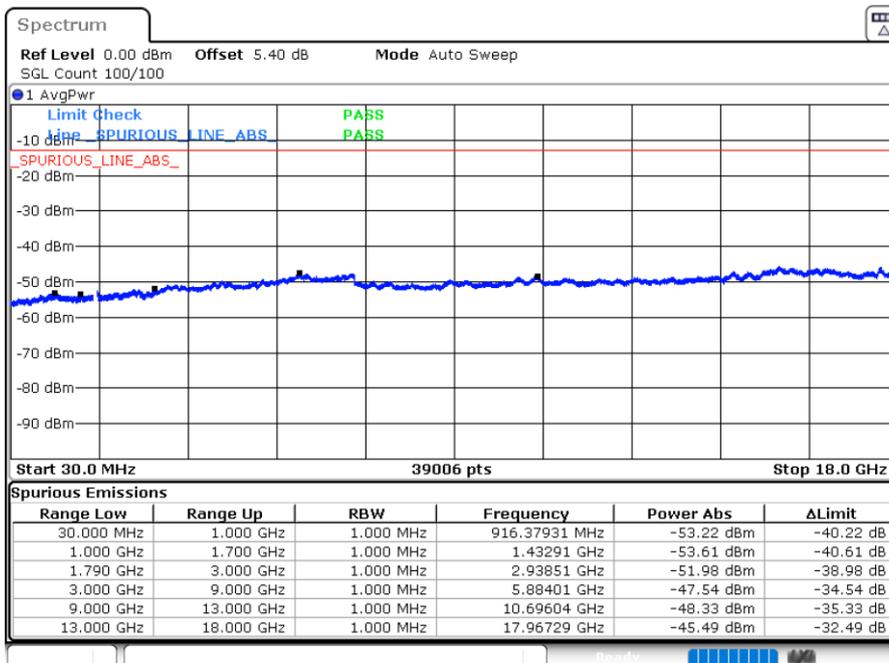


Date: 5 JAN. 2023 20:24:32



Date: 5 JAN. 2023 20:53:57

Highest Channel / QPSK



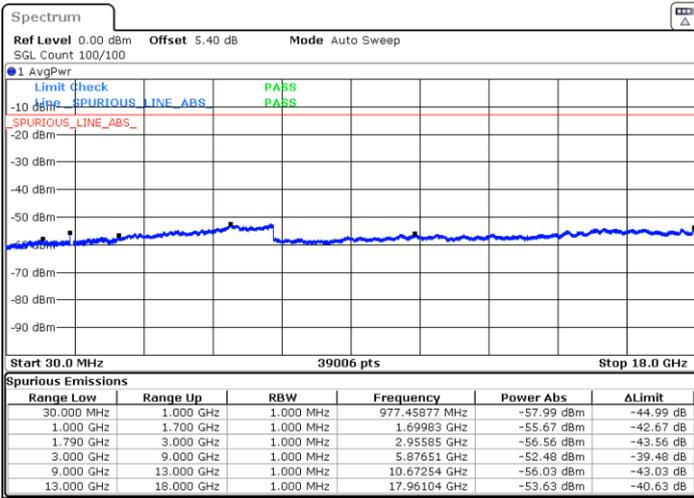
Date: 5 JAN. 2023 20:55:17



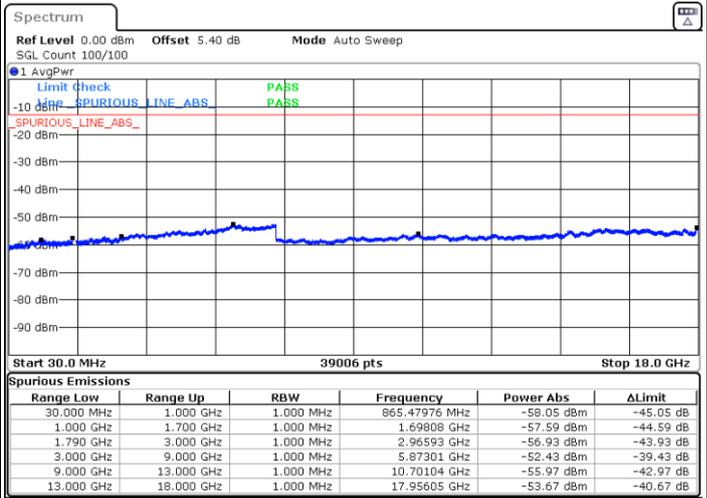
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

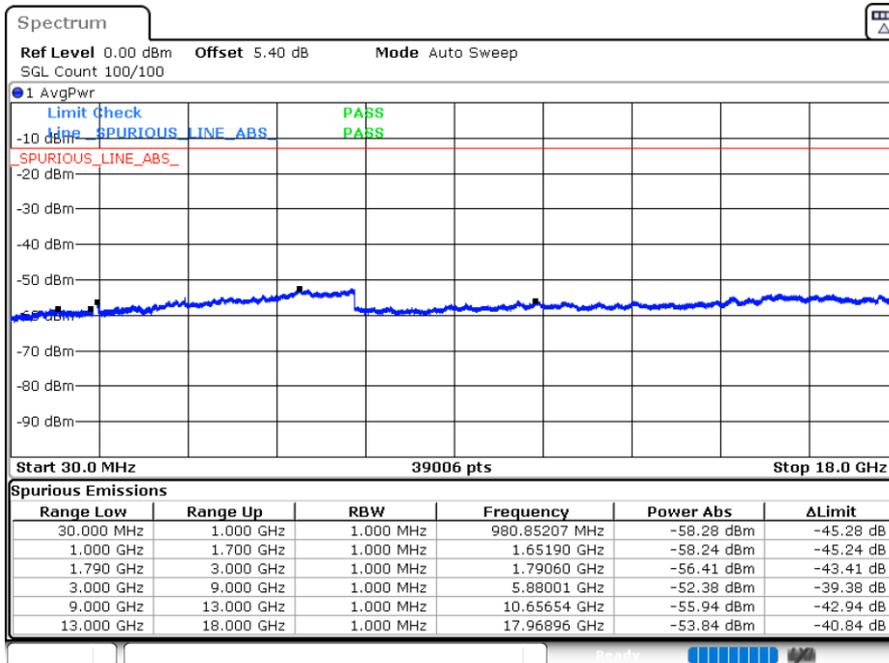


Date: 5 JAN.2023 21:10:00



Date: 5 JAN.2023 21:24:43

Highest Channel / QPSK



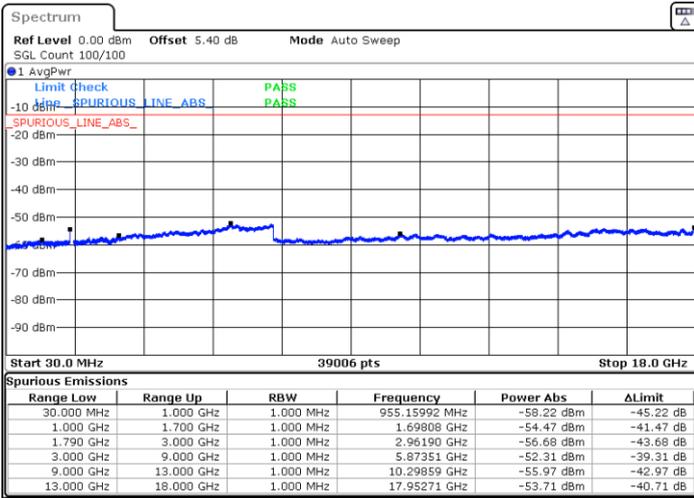
Date: 5 JAN.2023 21:26:03



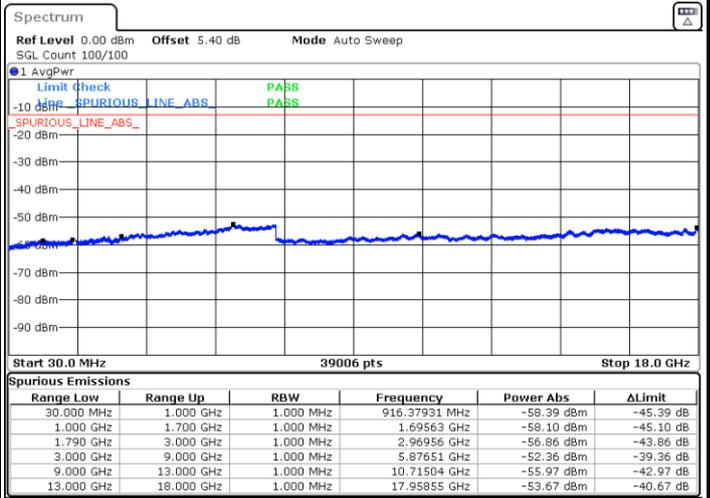
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

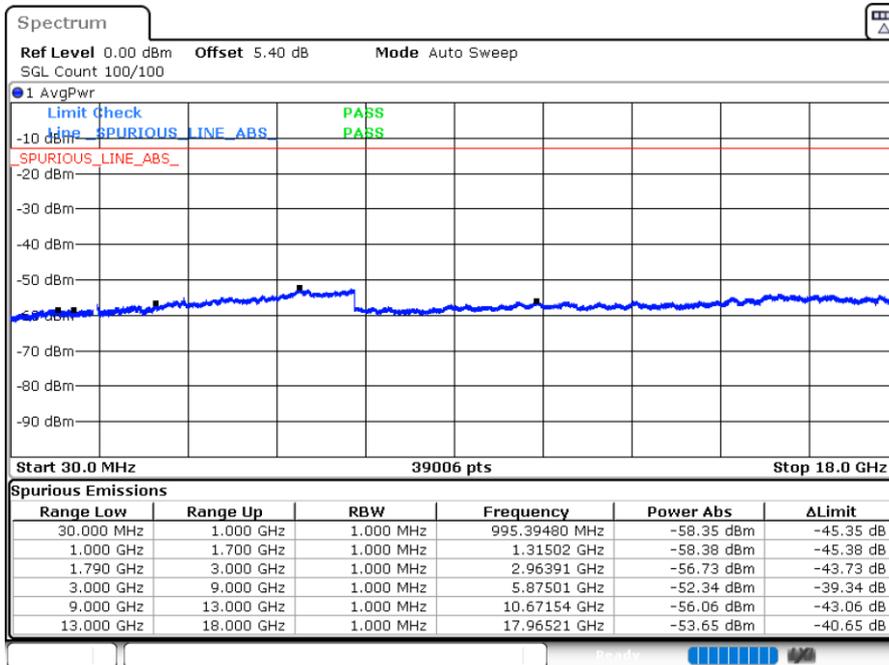


Date: 5 JAN. 2023 21:46:21



Date: 5 JAN. 2023 22:01:07

Highest Channel / QPSK

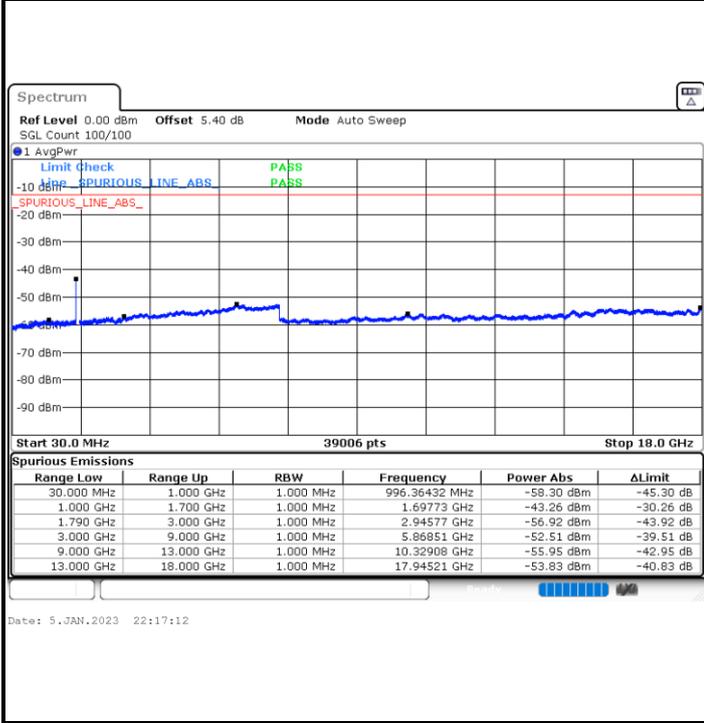


Date: 5 JAN. 2023 22:02:28

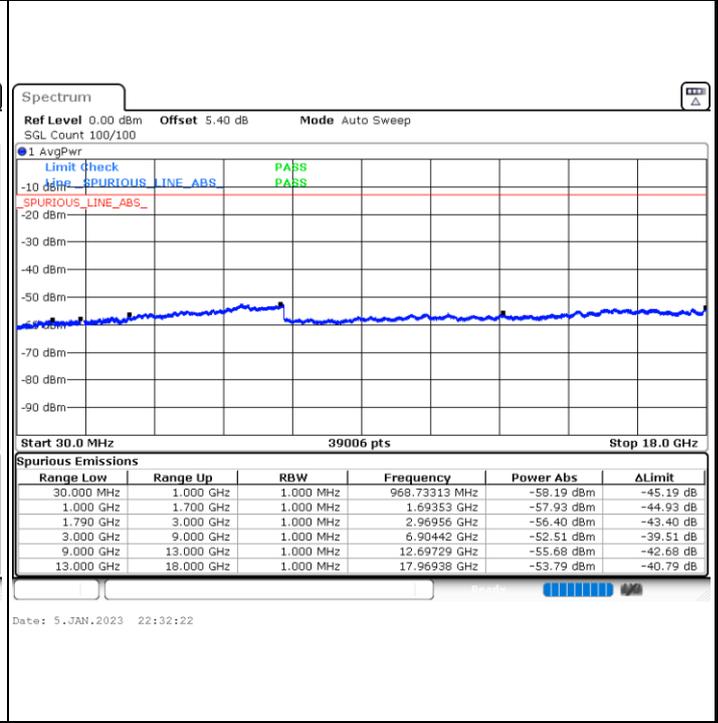


LTE Band 66 / 15MHz

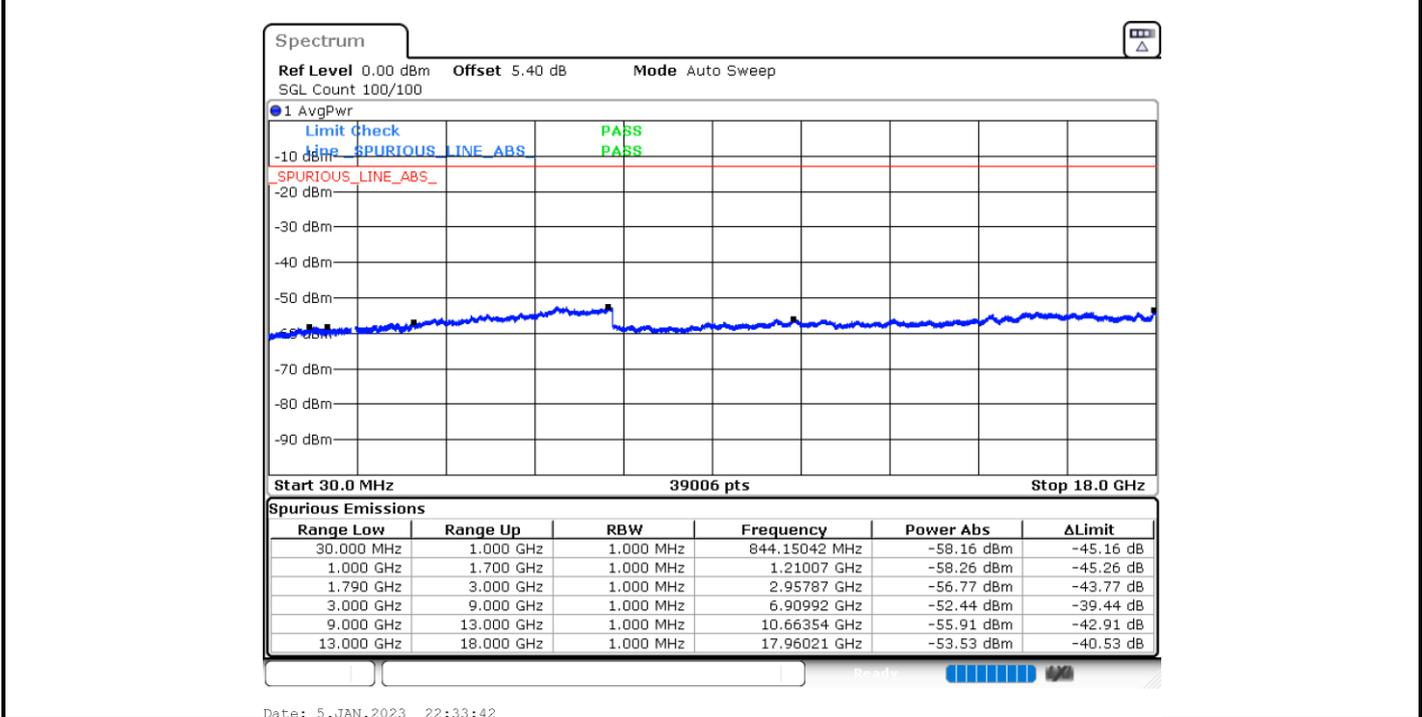
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

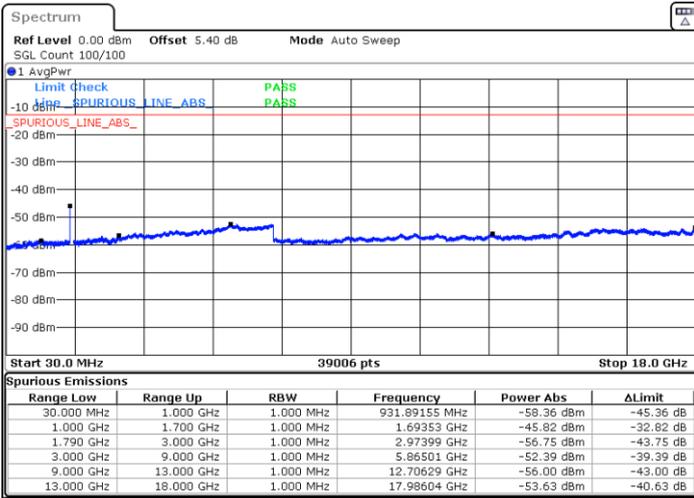




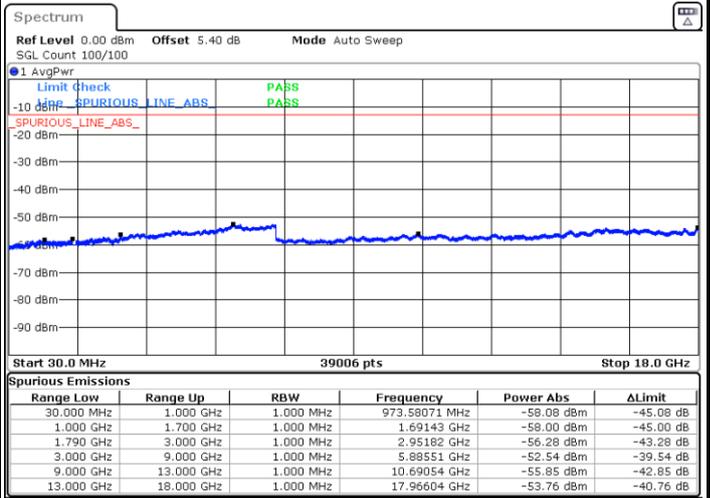
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

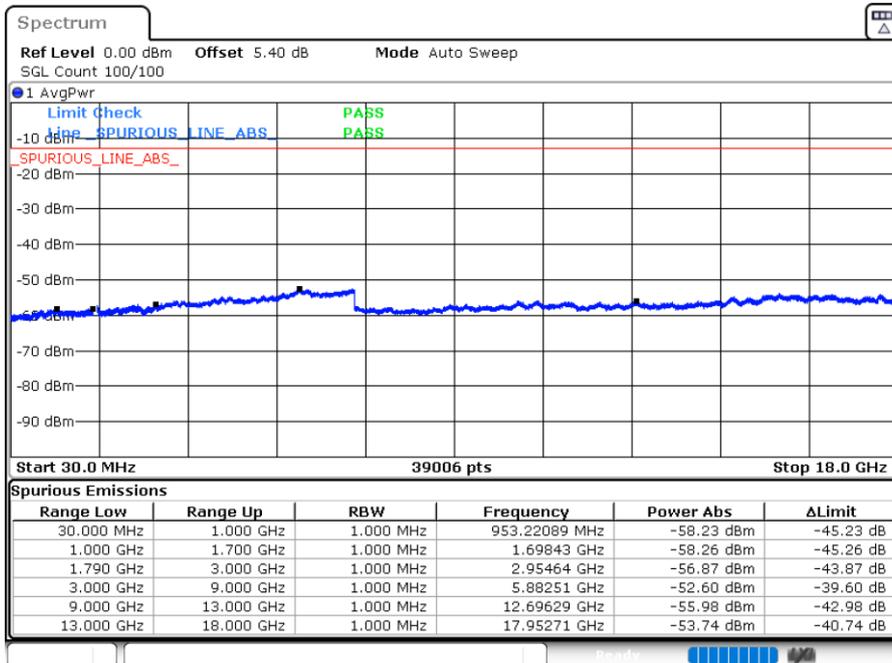


Date: 5 JAN. 2023 22:50:38



Date: 5 JAN. 2023 23:06:02

Highest Channel / QPSK



Date: 5 JAN. 2023 23:07:23



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	0.0015	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

RSE pretest all the supported antennas, only the worst antenna is shown in the report.

LTE Band 2 / 20MHz / QPSK / Ant.2								
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	3742	-54.45	-13	-41.45	-66.71	2.64	14.90	H
	5613	-56.81	-13	-43.81	-68.67	2.94	14.80	H
	7485	-53.86	-13	-40.86	-63.63	3.39	13.16	H
	3742	-56.77	-13	-43.77	-69.03	2.64	14.90	V
	5613	-56.95	-13	-43.95	-68.81	2.94	14.80	V
	7485	-53.91	-13	-40.91	-63.68	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK / Ant.1								
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	1664	-64.27	-13	-51.27	-71.24	1.58	10.70	H
	2496	-59.42	-13	-46.42	-67.67	2.102	12.50	H
	3328	-60.50	-13	-47.50	-69.39	2.856	13.90	H
	1664	-61.62	-13	-48.62	-68.59	1.58	10.70	V
	2496	-53.39	-13	-40.39	-61.64	2.10	12.50	V
	3328	-60.58	-13	-47.58	-69.47	2.86	13.90	V

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

LTE Band 7 / 20MHz / QPSK / Ant.3								
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	5052	-57.15	-25	-32.15	-67.36	3.03	13.24	H
	7576	-44.32	-25	-19.32	-53.77	3.56	13.01	H
	10100	-62.42	-25	-37.42	-71.94	3.92	13.44	H
	5052	-52.67	-25	-27.67	-62.88	3.03	13.24	V
	7576	-46.46	-25	-21.46	-55.91	3.56	13.01	V
	10100	-61.97	-25	-36.97	-71.49	3.92	13.44	V

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



LTE Band 66 / 20MHz / QPSK / Ant.2								
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	3472	-58.26	-13	-45.26	-69.00	2.604	13.34	H
	5208	-56.18	-13	-43.18	-66.69	3.011	13.52	H
	6945	-55.55	-13	-42.55	-65.75	3.271	13.47	H
	3472	-57.76	-13	-44.76	-68.50	2.604	13.34	V
	5208	-56.47	-13	-43.47	-66.98	3.011	13.52	V
	6945	-55.63	-13	-42.63	-65.83	3.271	13.47	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)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168	-60.63	-25	-35.63	-70.84	3.03	13.24	H
	7752	-44.95	-25	-19.95	-54.40	3.56	13.01	H
	10340	-59.19	-25	-34.19	-68.71	3.92	13.44	H
	5168	-55.38	-25	-30.38	-65.59	3.03	13.24	V
	7752	-47.29	-25	-22.29	-56.74	3.56	13.01	V
	10340	-62.50	-25	-37.50	-72.02	3.92	13.44	V

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

LTE Band 7C / 20MHz + 20MHz / QPSK / Ant.3								
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 1RB0	5032	-63.49	-25	-38.49	-73.70	3.03	13.24	H
	7548	-47.41	-25	-22.41	-56.86	3.56	13.01	H
	10060	-61.47	-25	-36.47	-70.99	3.92	13.44	H
	5032	-63.65	-25	-38.65	-73.86	3.03	13.24	V
	7548	-50.97	-25	-25.97	-60.42	3.56	13.01	V
	10060	-62.59	-25	-37.59	-72.11	3.92	13.44	V
Middle 1RBMAX	5068	-65.50	-25	-40.50	-75.71	3.03	13.24	H
	7600	-63.87	-25	-38.87	-73.32	3.56	13.01	H
	10140	-62.69	-25	-37.69	-72.21	3.92	13.44	H
	5068	-65.37	-25	-40.37	-75.58	3.03	13.24	V
	7600	-63.87	-25	-38.87	-73.32	3.56	13.01	V
	10140	-62.96	-25	-37.96	-72.48	3.92	13.44	V

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



LTE Band 38C / 20MHz + 20MHz / QPSK / Ant.3								
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 1RB0	5152	-60.08	-25	-35.08	-70.29	3.03	13.24	H
	7728	-45.67	-25	-20.67	-55.12	3.56	13.01	H
	10300	-59.98	-25	-34.98	-69.50	3.92	13.44	H
	5152	-60.84	-25	-35.84	-71.05	3.03	13.24	V
	7728	-55.90	-25	-30.90	-65.35	3.56	13.01	V
	10300	-59.40	-25	-34.40	-68.92	3.92	13.44	V
Middle 1RBMAX	5188	-64.90	-25	-39.90	-75.11	3.03	13.24	H
	7784	-63.17	-25	-38.17	-72.62	3.56	13.01	H
	10380	-62.24	-25	-37.24	-71.76	3.92	13.44	H
	5188	-64.98	-25	-39.98	-75.19	3.03	13.24	V
	7784	-63.12	-25	-38.12	-72.57	3.56	13.01	V
	10380	-62.36	-25	-37.36	-71.88	3.92	13.44	V

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