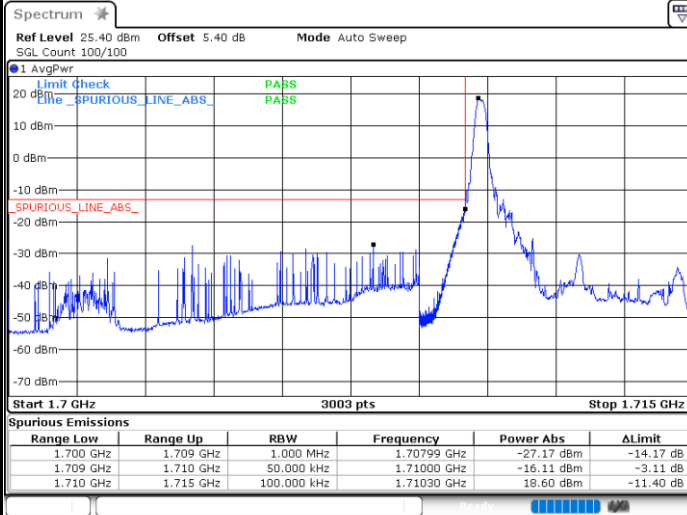


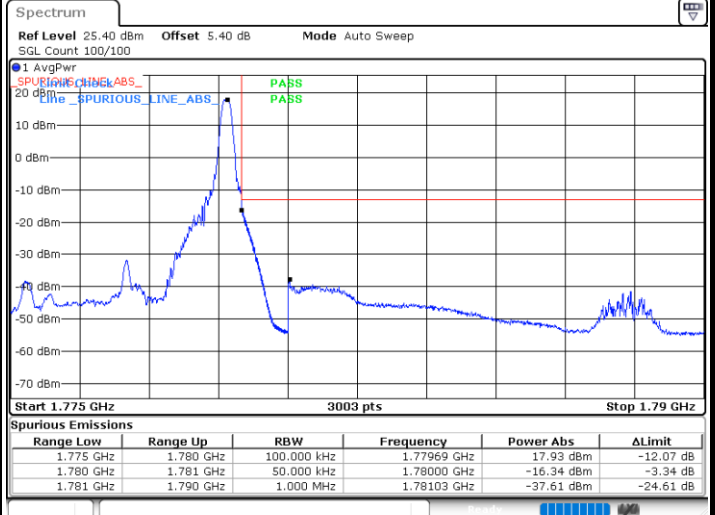


LTE Band 66 / 5MHz / 64QAM

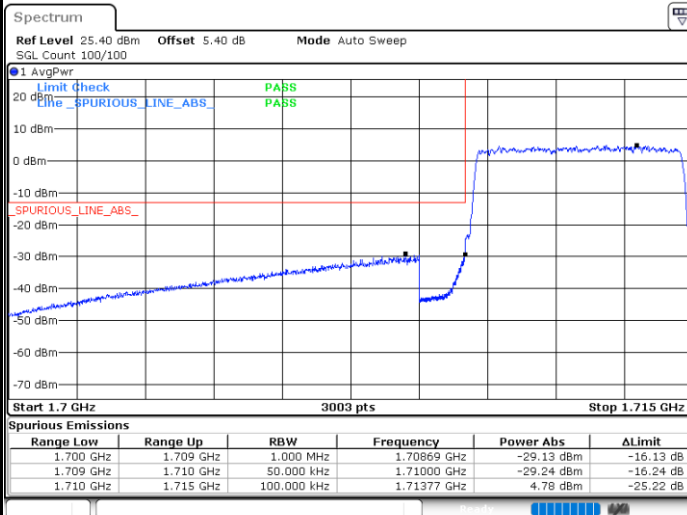
Lowest Band Edge / 1RB



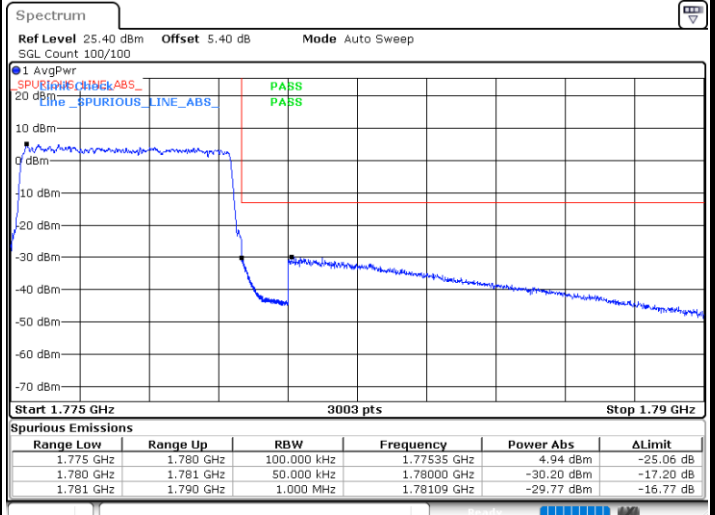
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



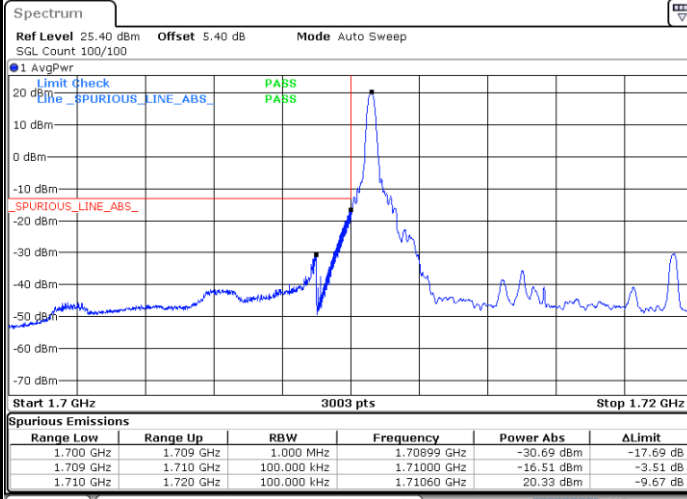
Highest Band Edge / Full RB





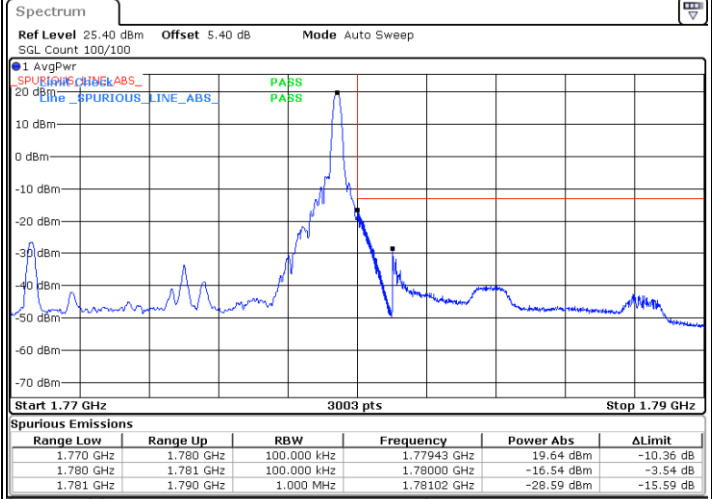
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



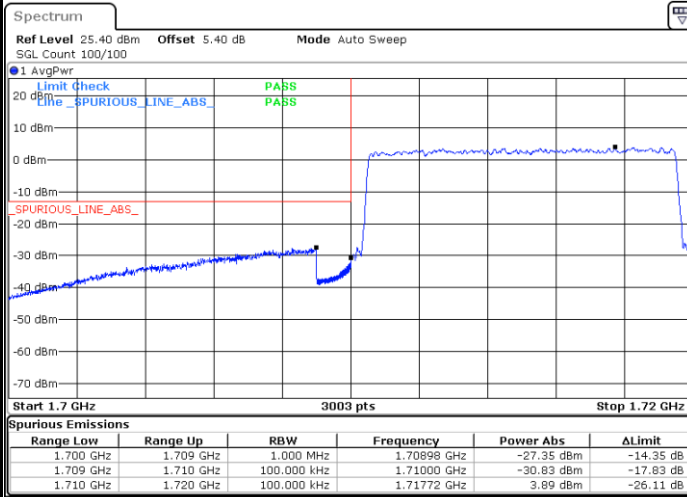
Date: 25.DEC.2022 04:05:02

Highest Band Edge / 1 RB



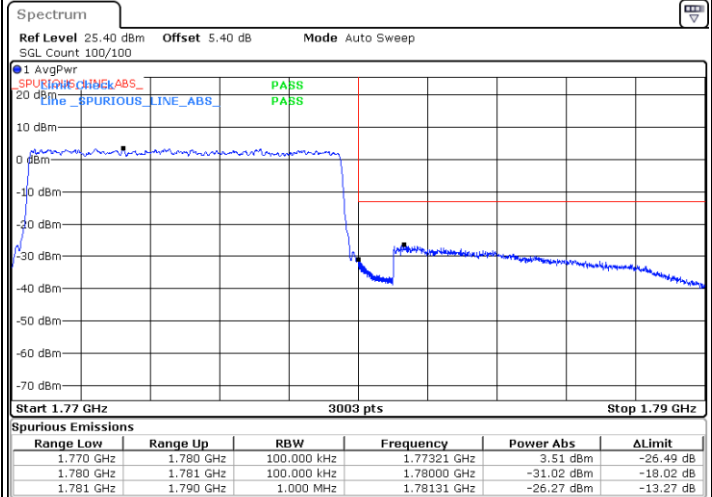
Date: 25.DEC.2022 04:14:21

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:10:41

Highest Band Edge / Full RB

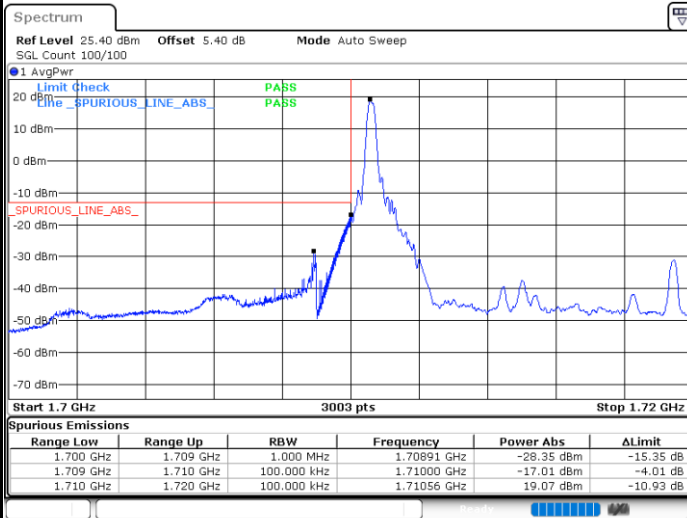


Date: 25.DEC.2022 04:19:20



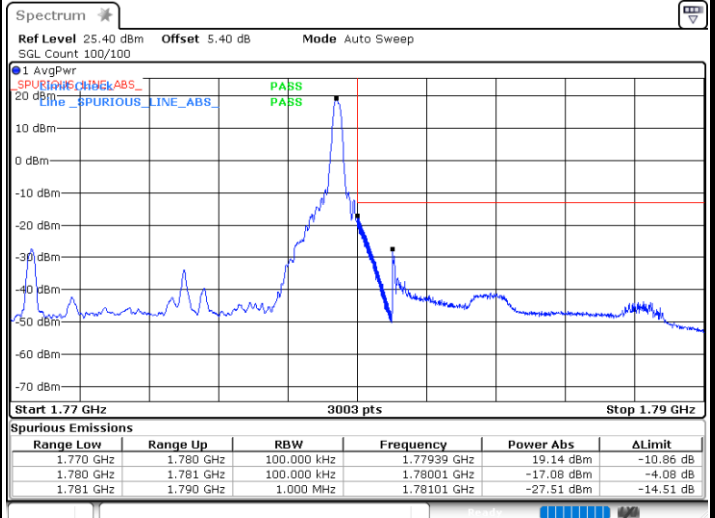
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



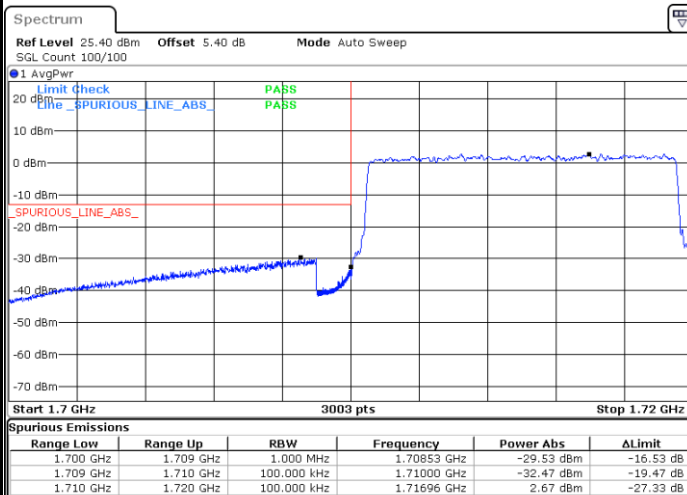
Date: 25.DEC.2022 04:06:22

Highest Band Edge / 1 RB



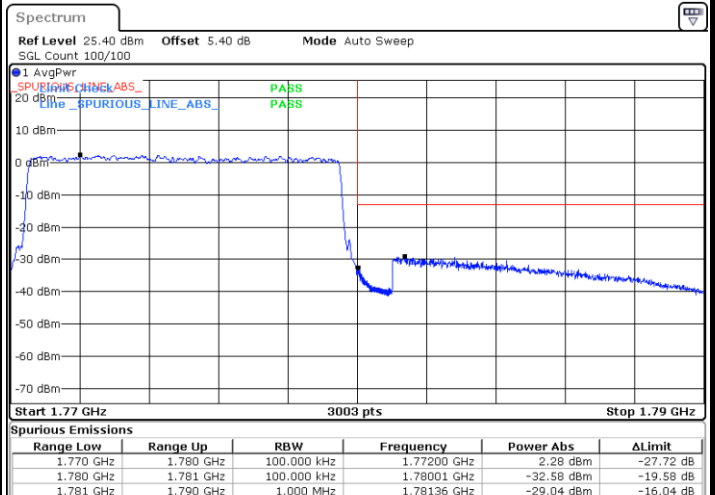
Date: 25.DEC.2022 04:15:20

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:09:41

Highest Band Edge / Full RB

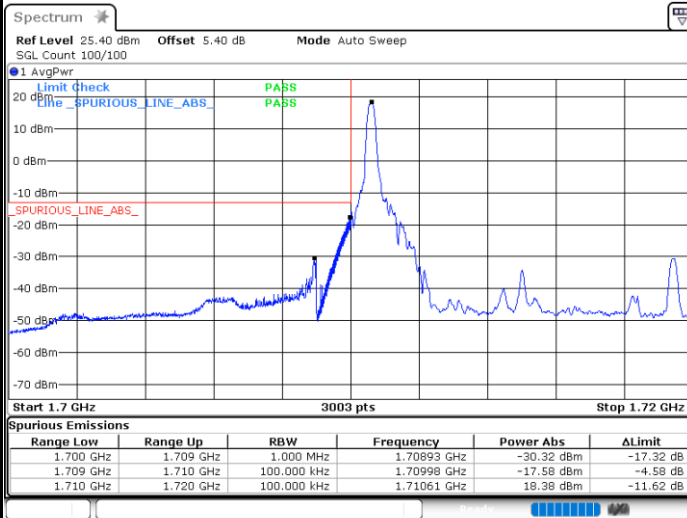


Date: 25.DEC.2022 04:18:20



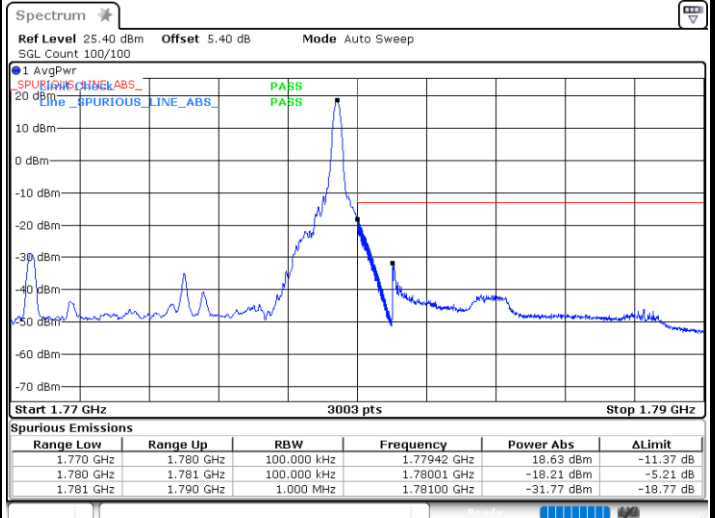
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



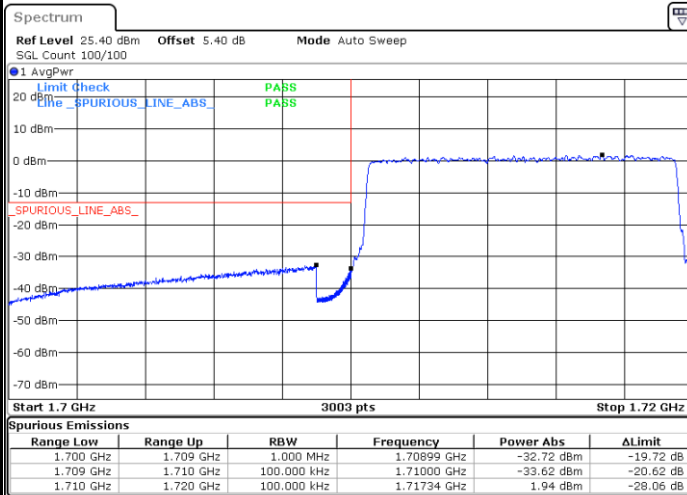
Date: 25.DEC.2022 04:07:41

Highest Band Edge / 1 RB



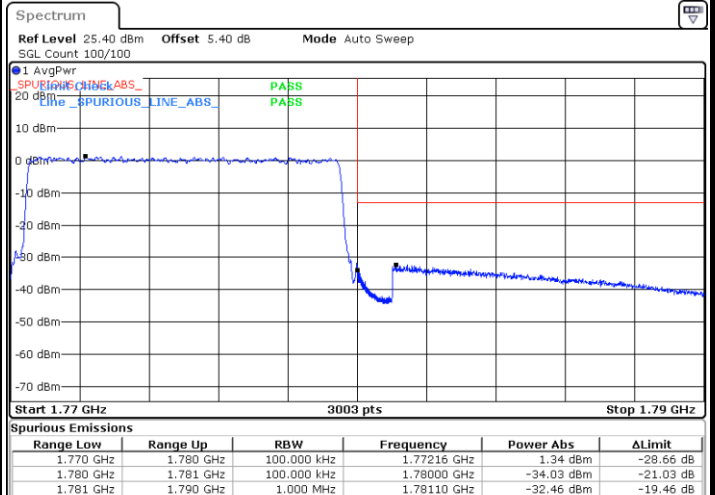
Date: 25.DEC.2022 04:16:20

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:08:41

Highest Band Edge / Full RB

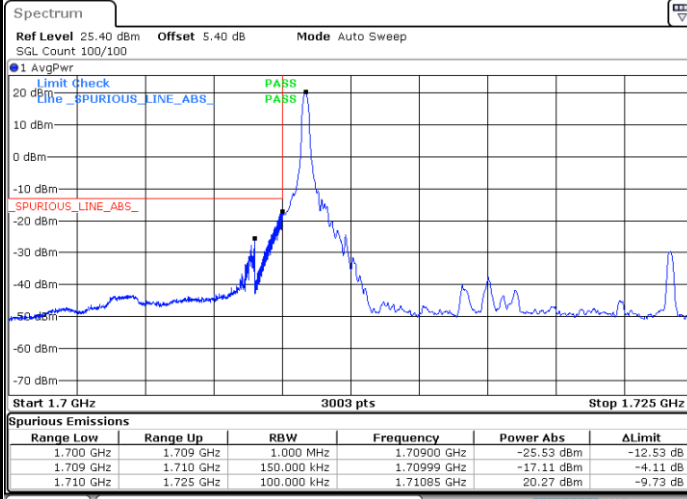


Date: 25.DEC.2022 04:17:20



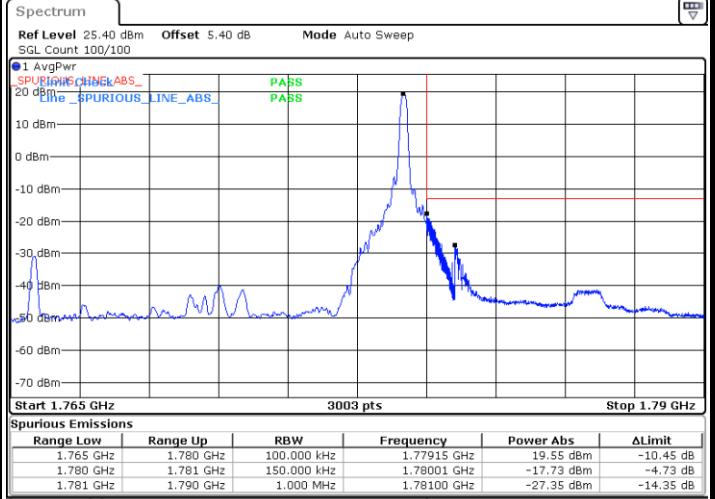
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



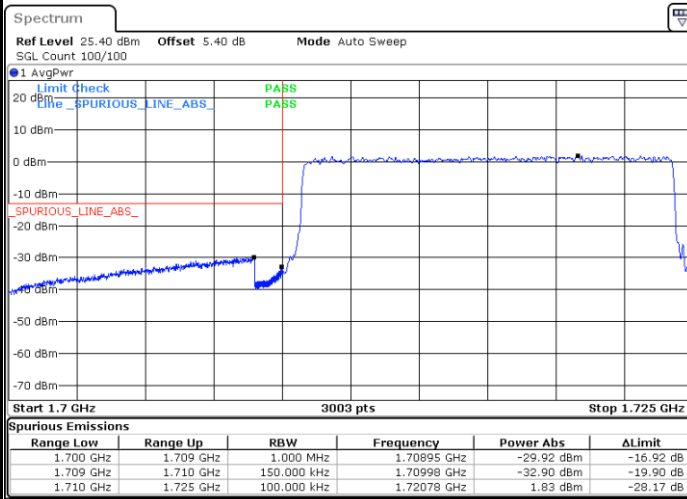
Date: 25.DEC.2022 04:21:40

Highest Band Edge / 1 RB



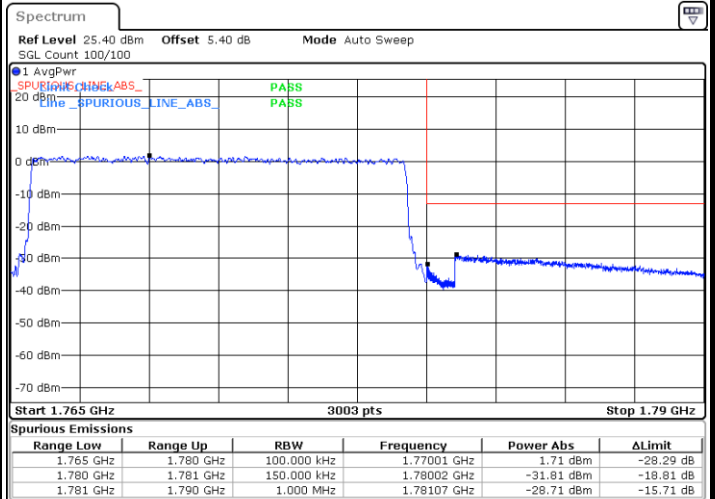
Date: 25.DEC.2022 04:30:19

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:26:39

Highest Band Edge / Full RB

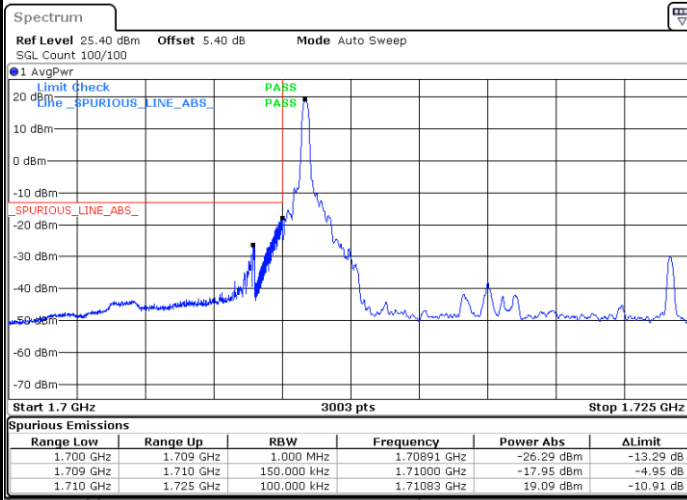


Date: 25.DEC.2022 04:35:18



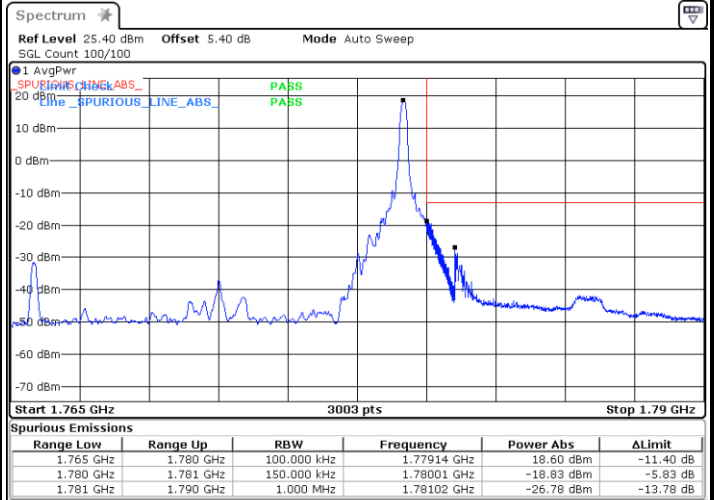
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



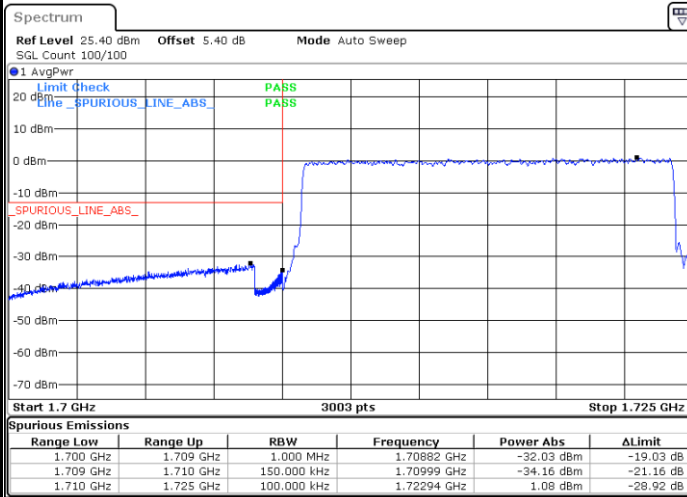
Date: 25.DEC.2022 04:22:40

Highest Band Edge / 1 RB



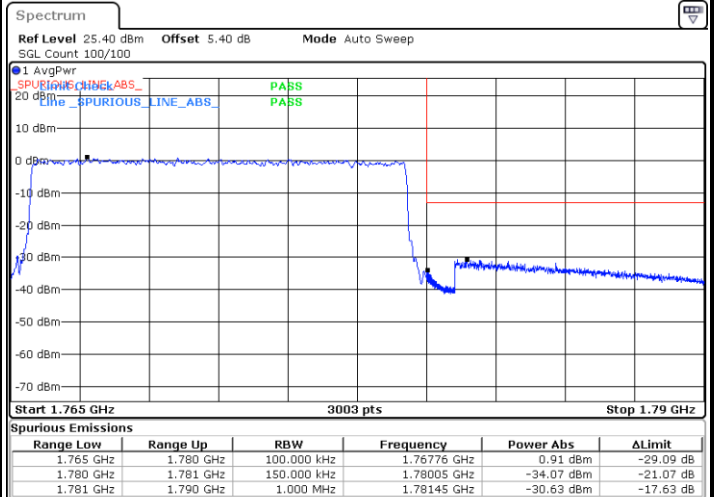
Date: 25.DEC.2022 04:31:18

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:25:39

Highest Band Edge / Full RB

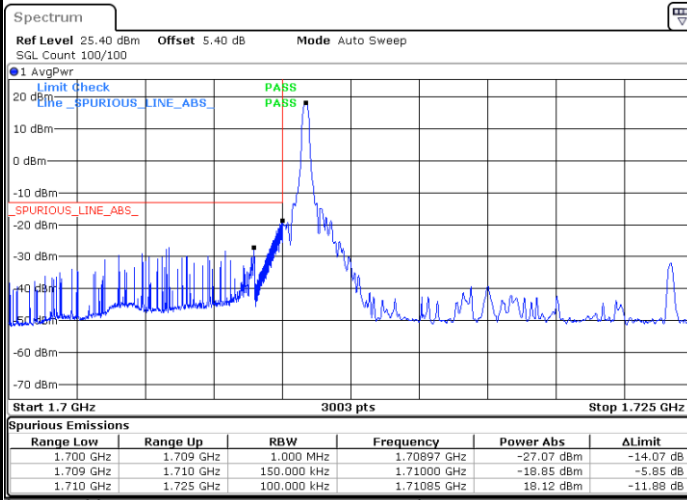


Date: 25.DEC.2022 04:34:18



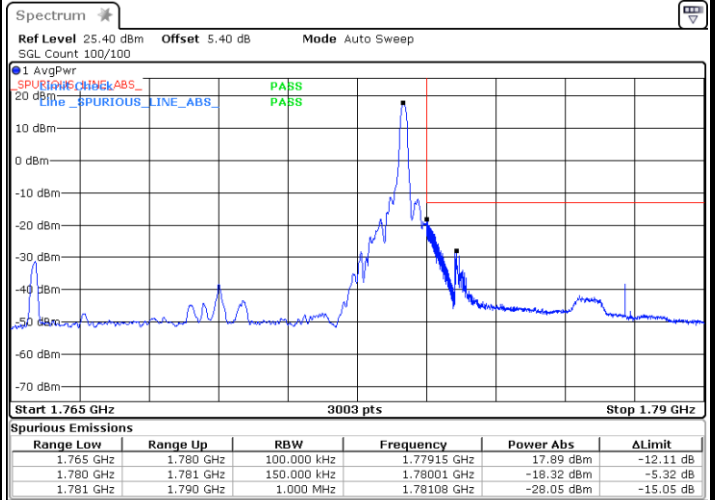
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



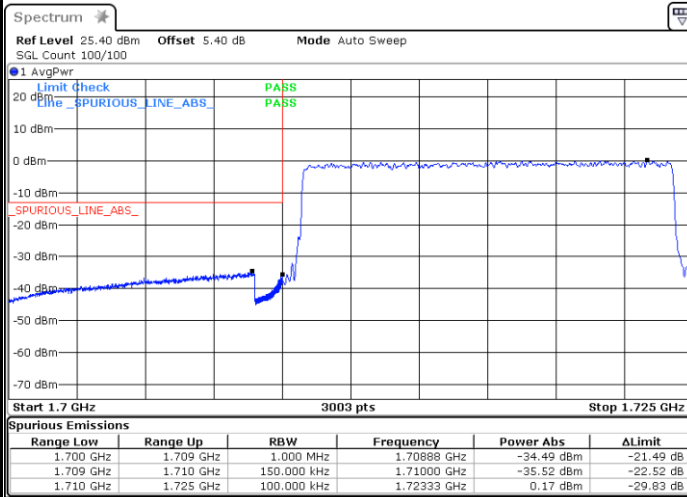
Date: 25.DEC.2022 04:23:40

Highest Band Edge / 1 RB



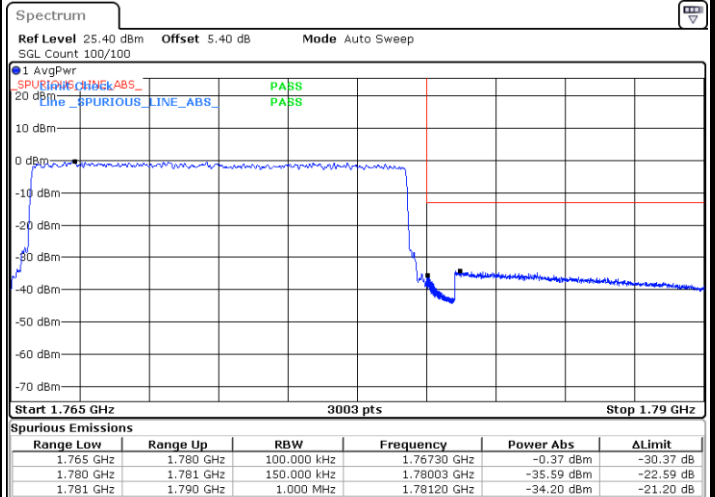
Date: 25.DEC.2022 04:32:18

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:24:40

Highest Band Edge / Full RB

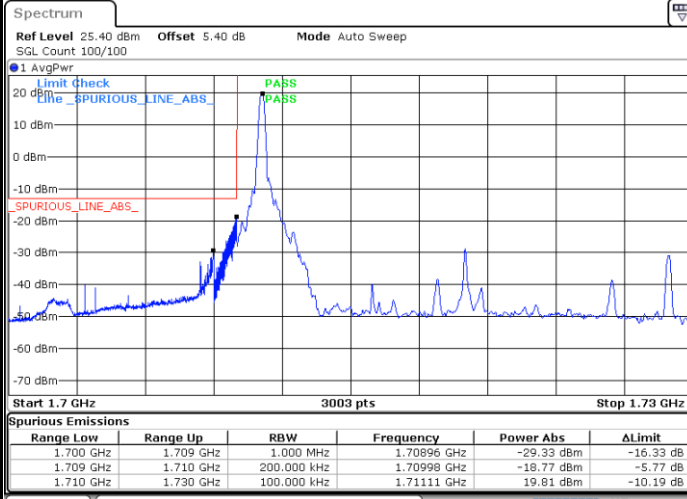


Date: 25.DEC.2022 04:33:18



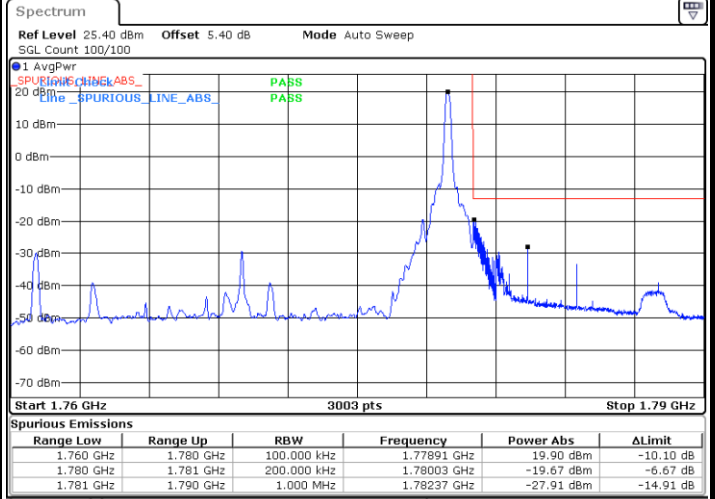
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



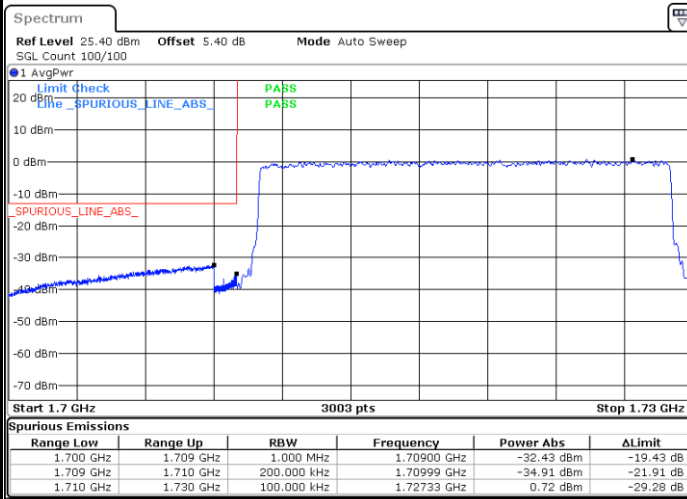
Date: 25.DEC.2022 04:37:38

Highest Band Edge / 1 RB



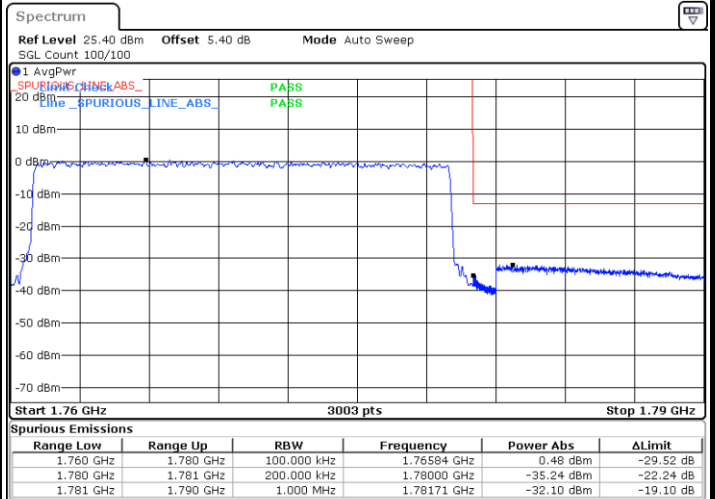
Date: 25.DEC.2022 04:46:17

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:42:37

Highest Band Edge / Full RB

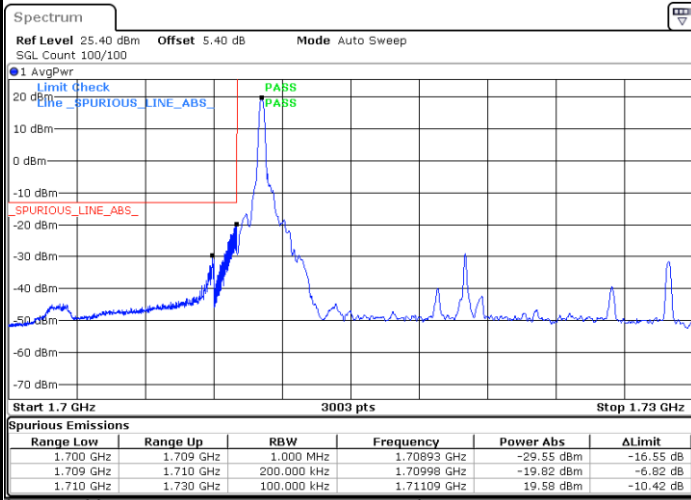


Date: 25.DEC.2022 04:51:16



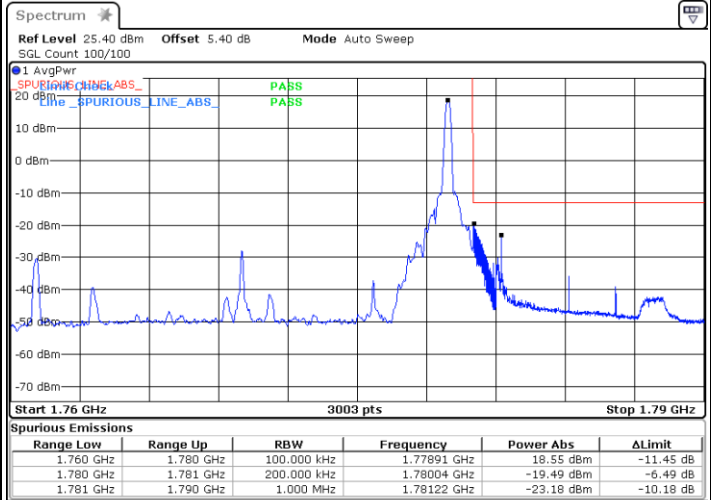
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



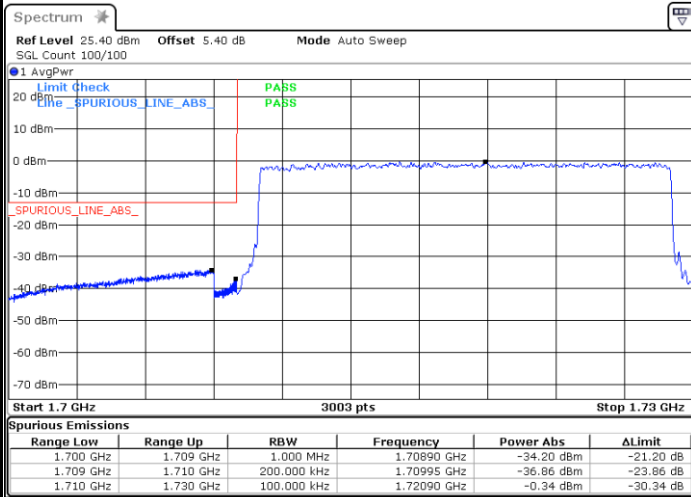
Date: 25.DEC.2022 04:38:38

Highest Band Edge / 1 RB



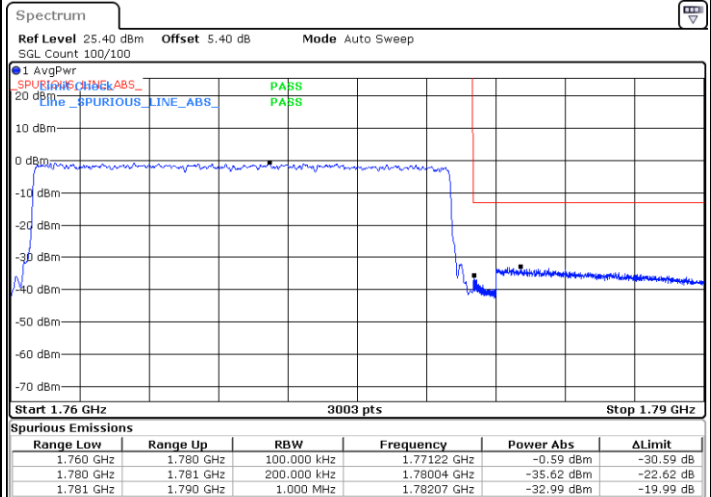
Date: 25.DEC.2022 04:47:17

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:41:38

Highest Band Edge / Full RB

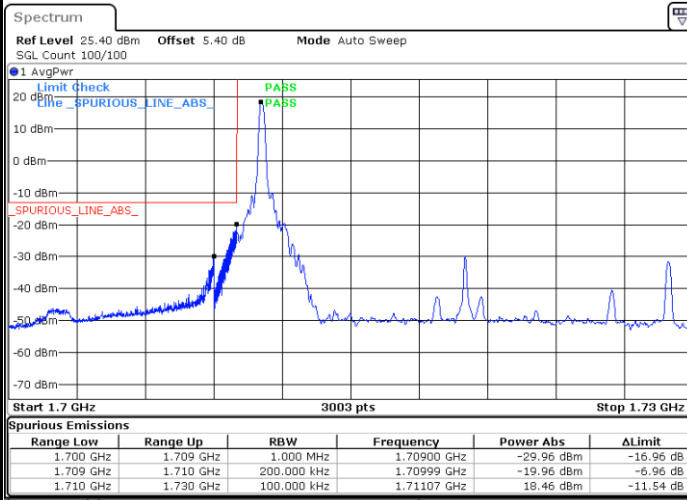


Date: 25.DEC.2022 04:50:17



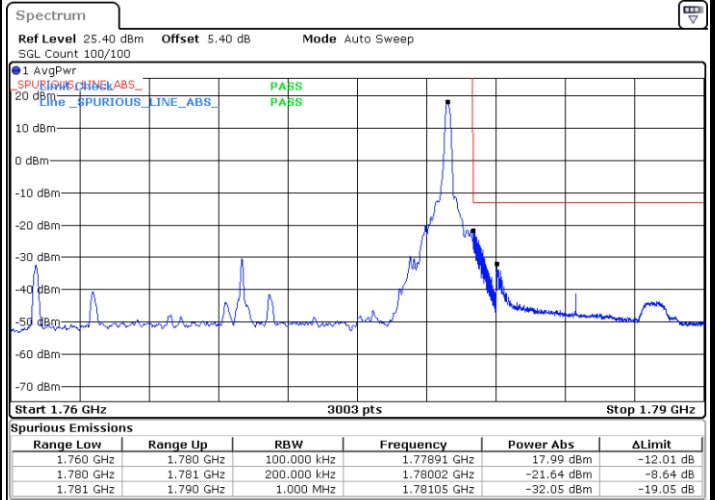
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



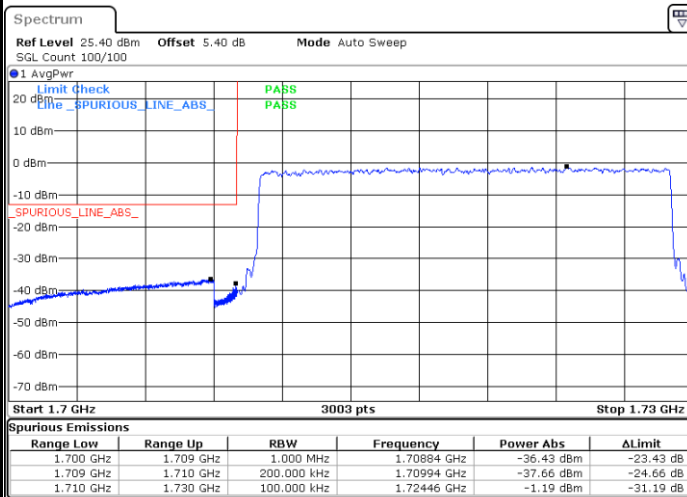
Date: 25.DEC.2022 04:39:38

Highest Band Edge / 1 RB



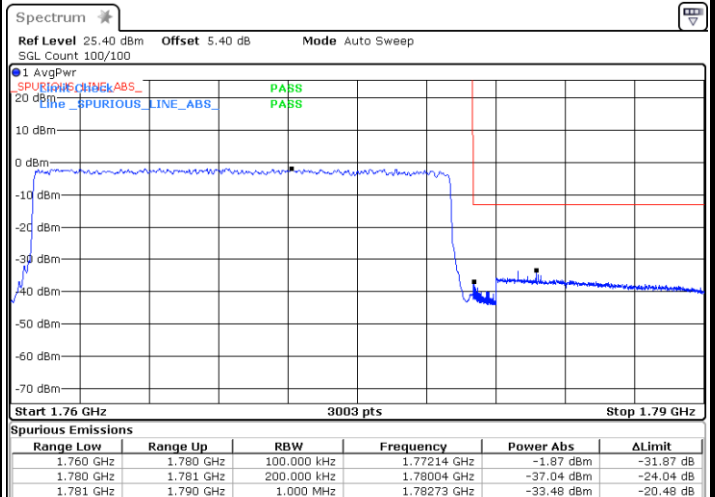
Date: 25.DEC.2022 04:48:17

Lowest Band Edge / Full RB



Date: 25.DEC.2022 04:40:38

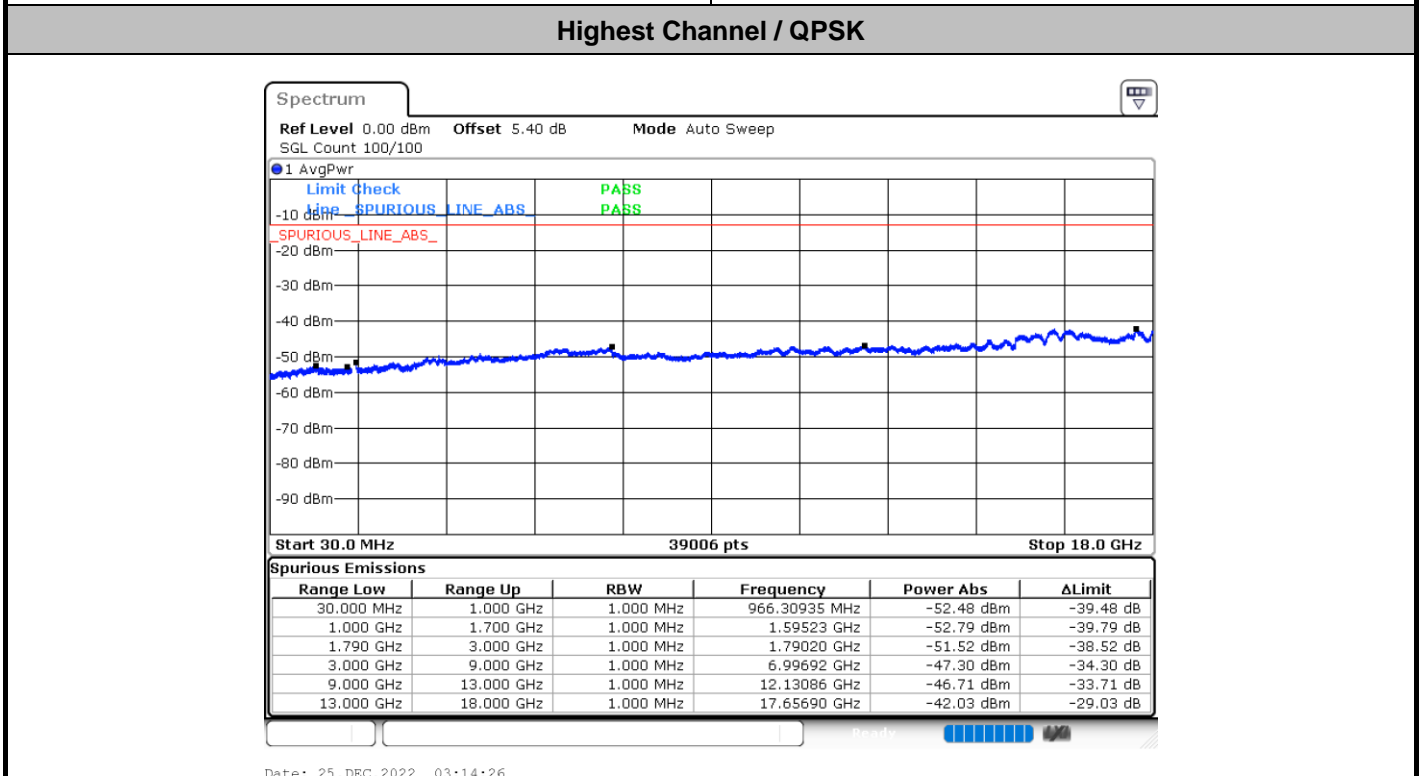
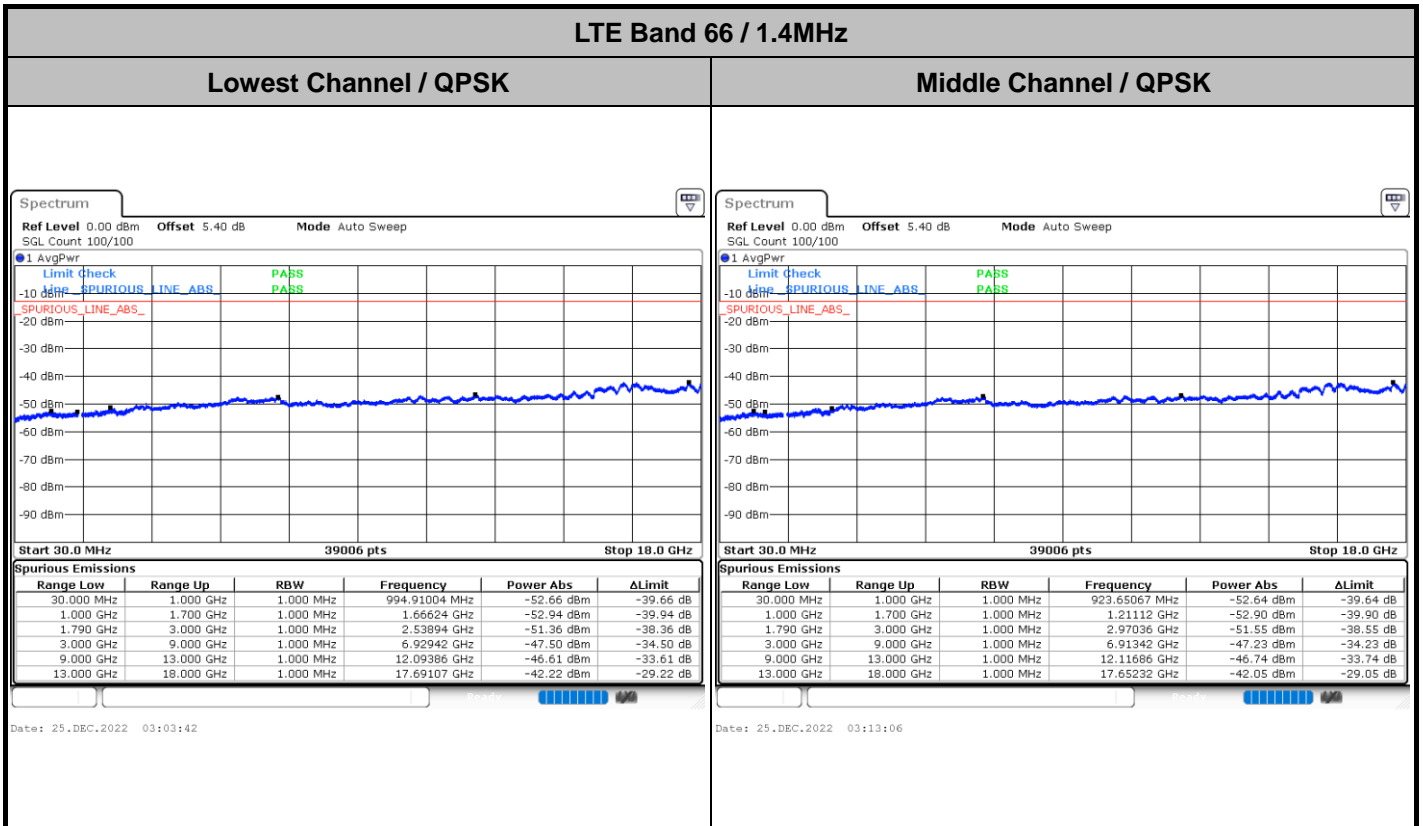
Highest Band Edge / Full RB



Date: 25.DEC.2022 04:49:17



Conducted Spurious Emission

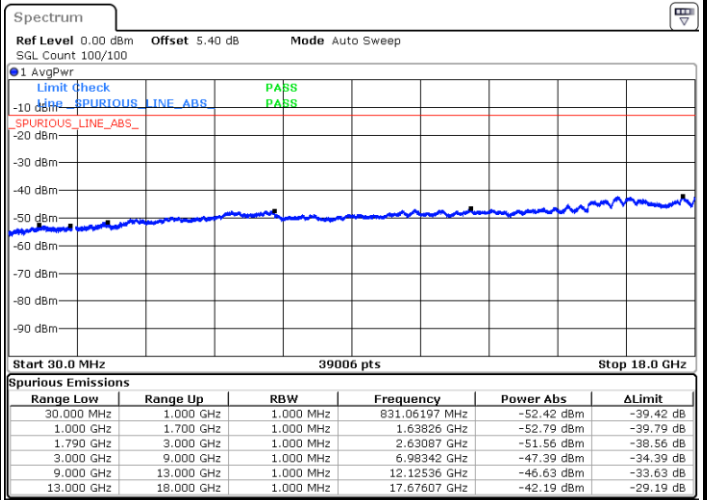
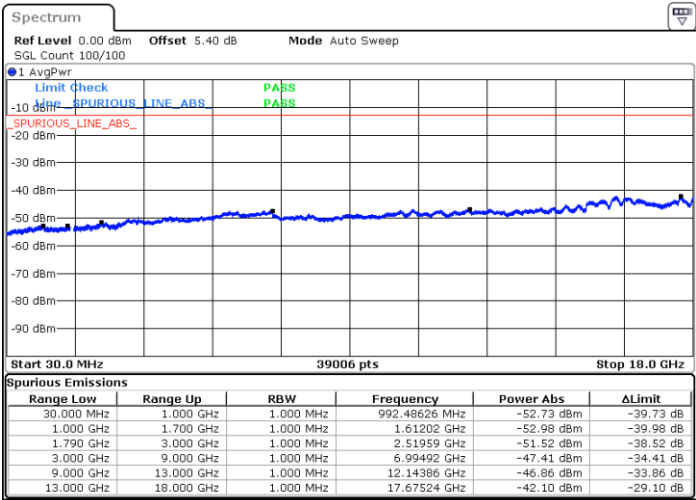




LTE Band 66 / 3MHz

Lowest Channel / QPSK

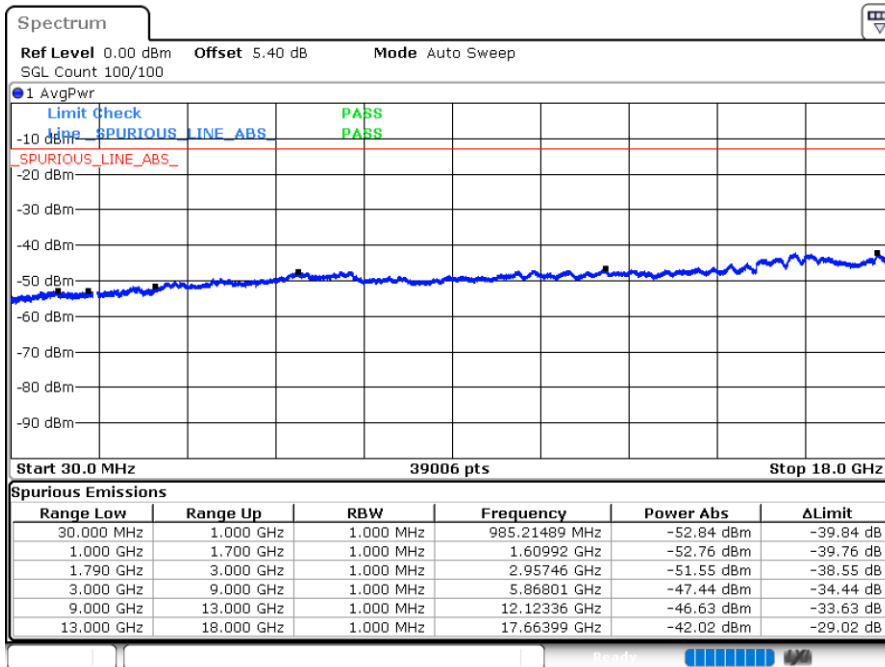
Middle Channel / QPSK



Date: 25 DEC.2022 03:23:45

Date: 25 DEC.2022 03:33:04

Highest Channel / QPSK

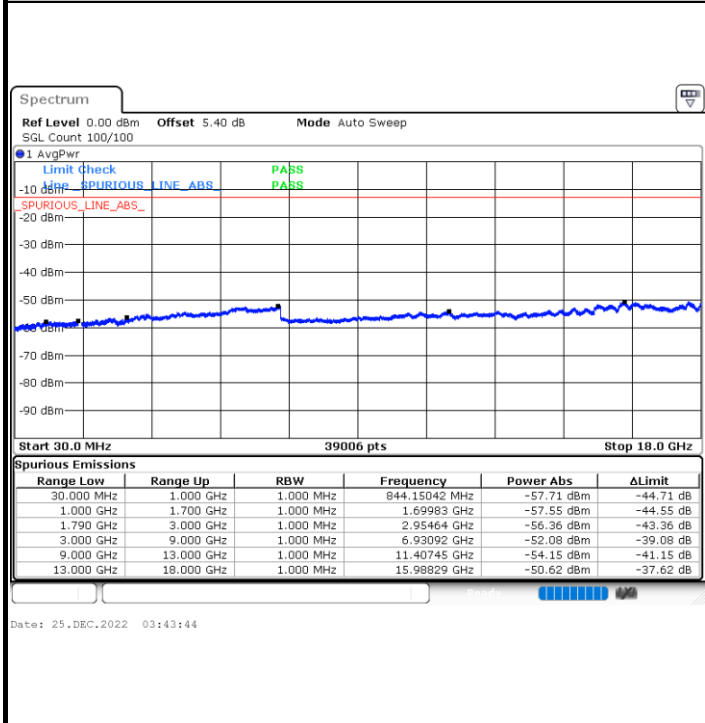


Date: 25 DEC.2022 03:34:24

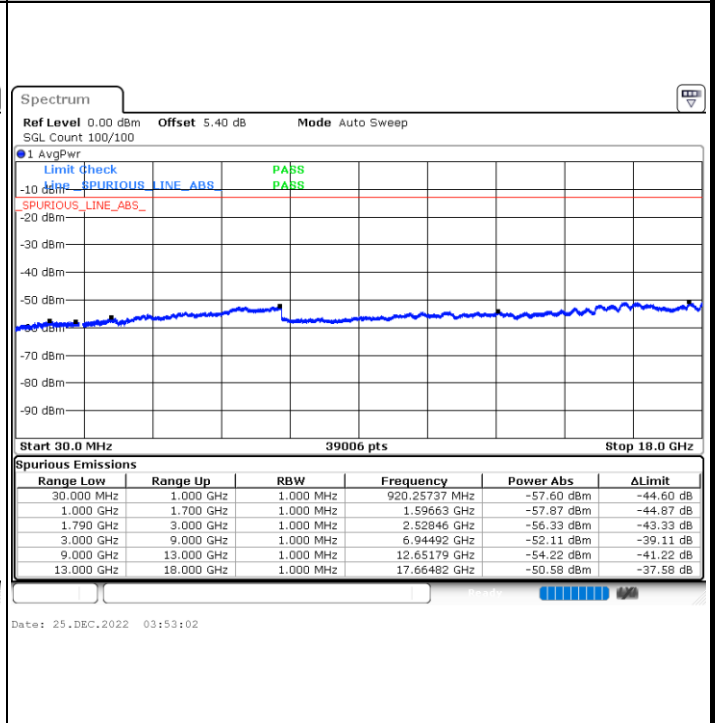


LTE Band 66 / 5MHz

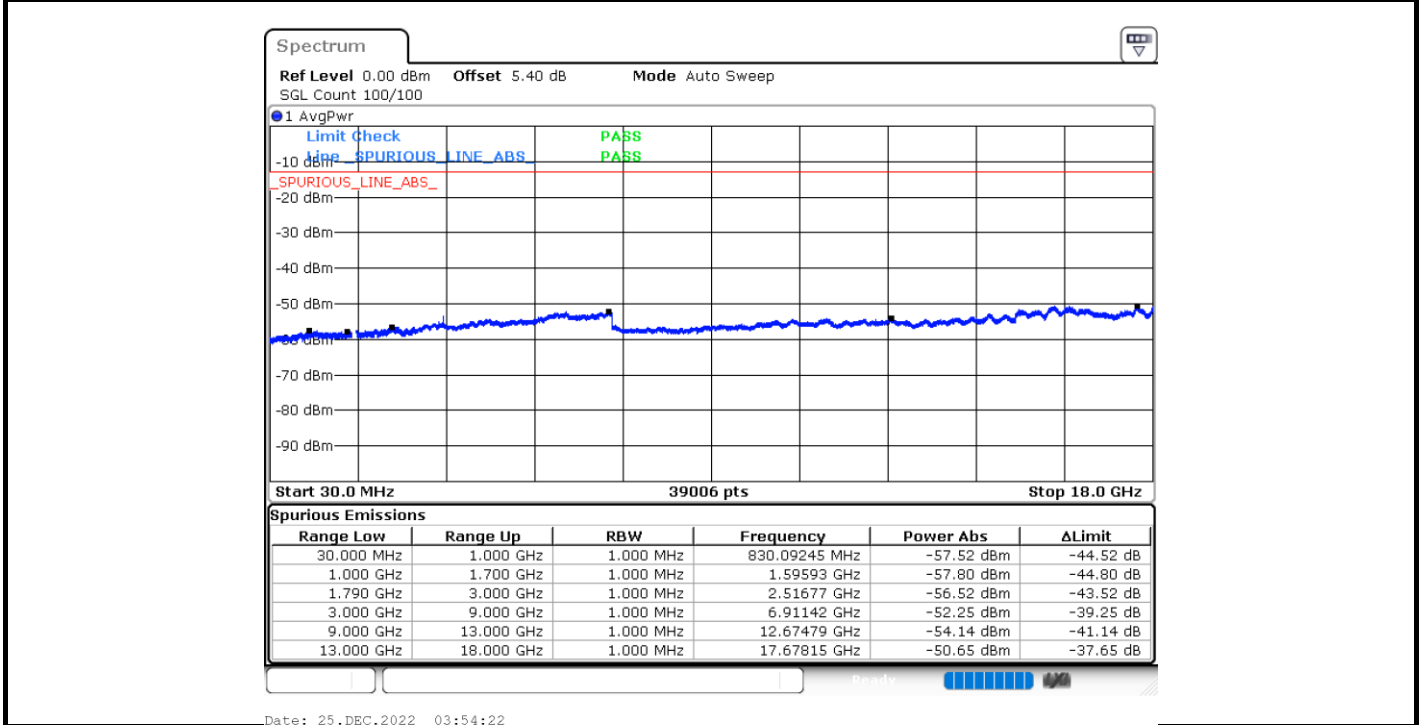
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

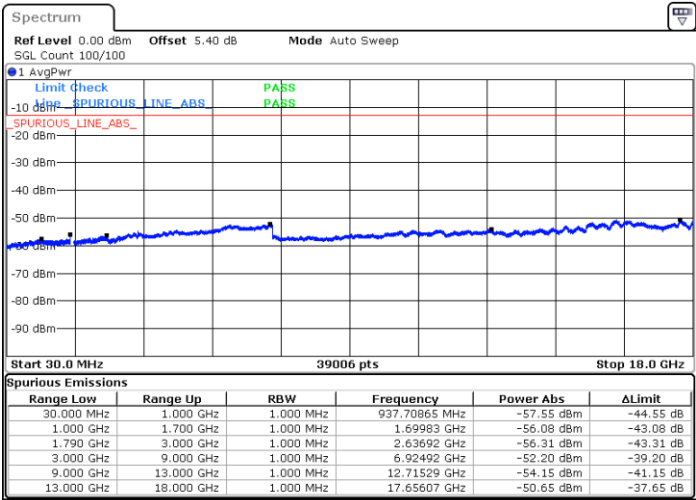




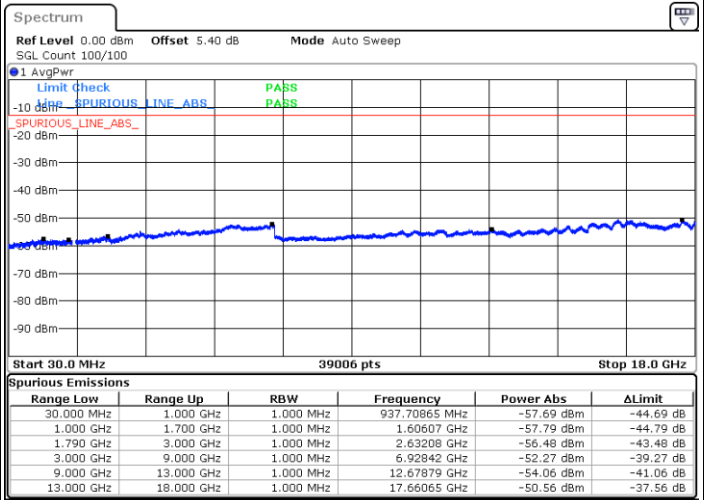
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

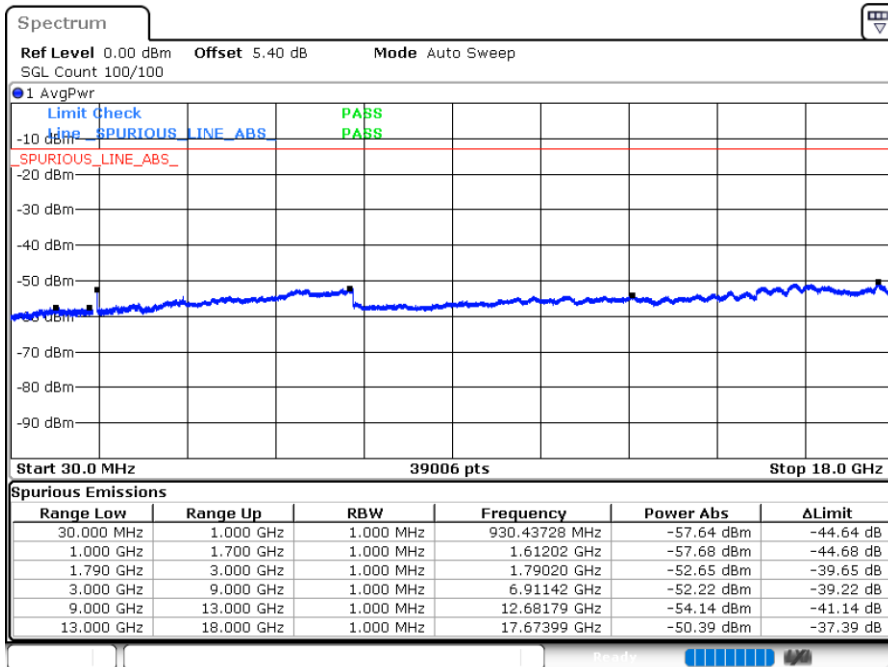


Date: 25 DEC.2022 04:03:42



Date: 25 DEC.2022 04:12:01

Highest Channel / QPSK



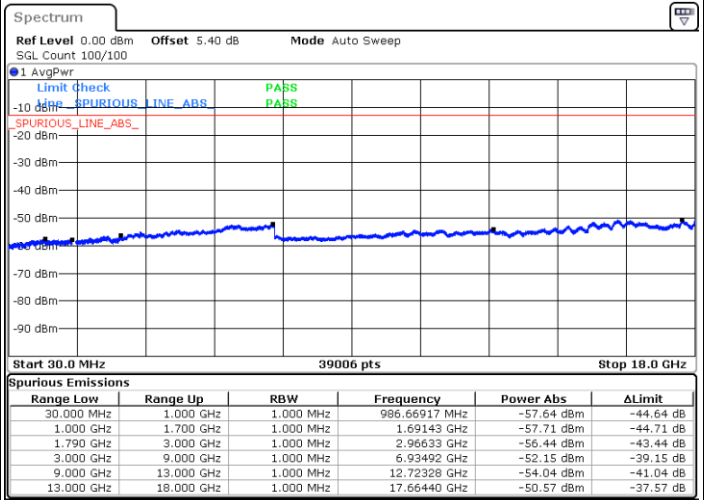
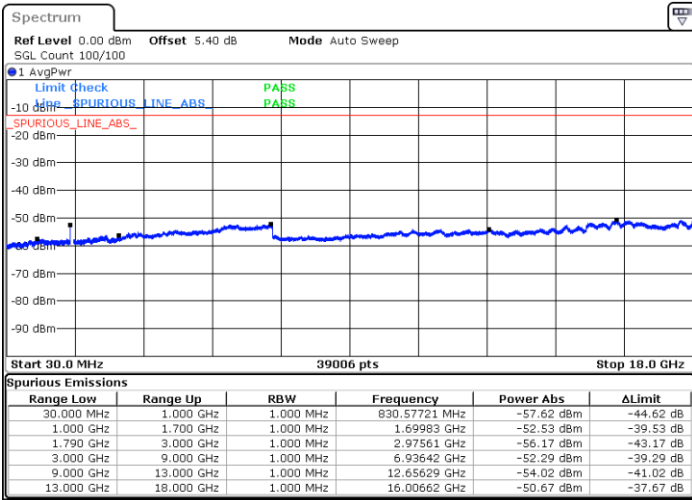
Date: 25 DEC.2022 04:13:21



LTE Band 66 / 15MHz

Lowest Channel / QPSK

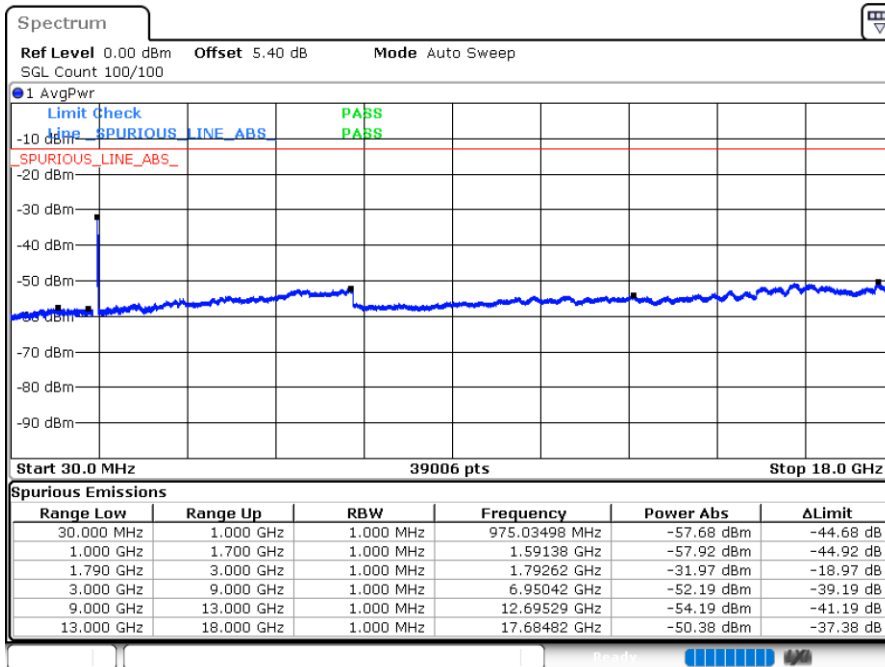
Middle Channel / QPSK



Date: 25 DEC.2022 04:20:40

Date: 25 DEC.2022 04:27:59

Highest Channel / QPSK



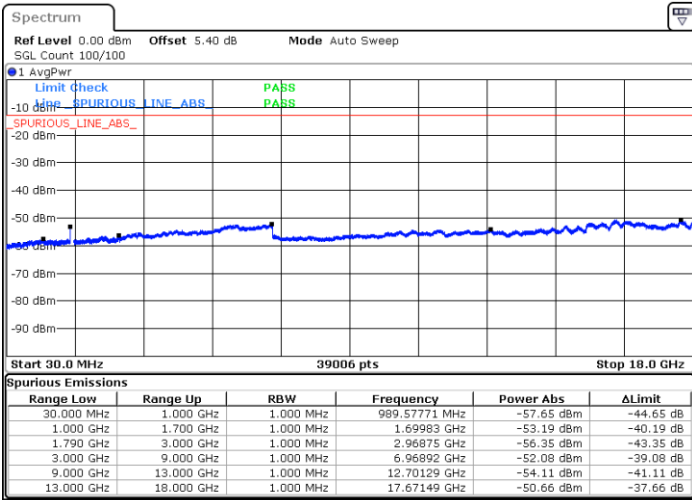
Date: 25 DEC.2022 04:29:19



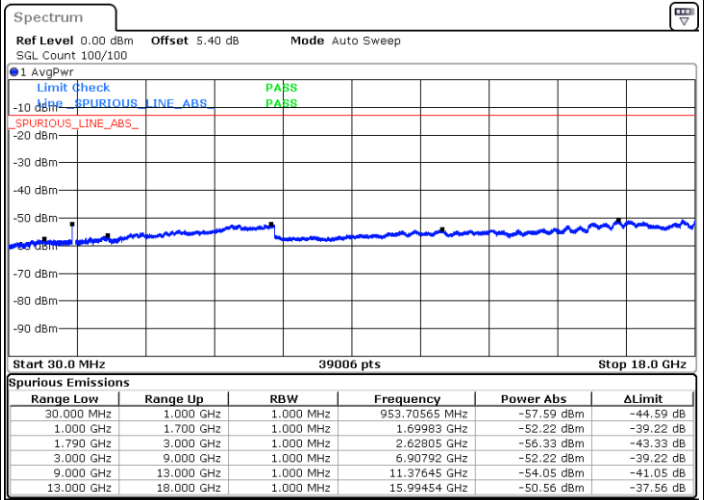
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

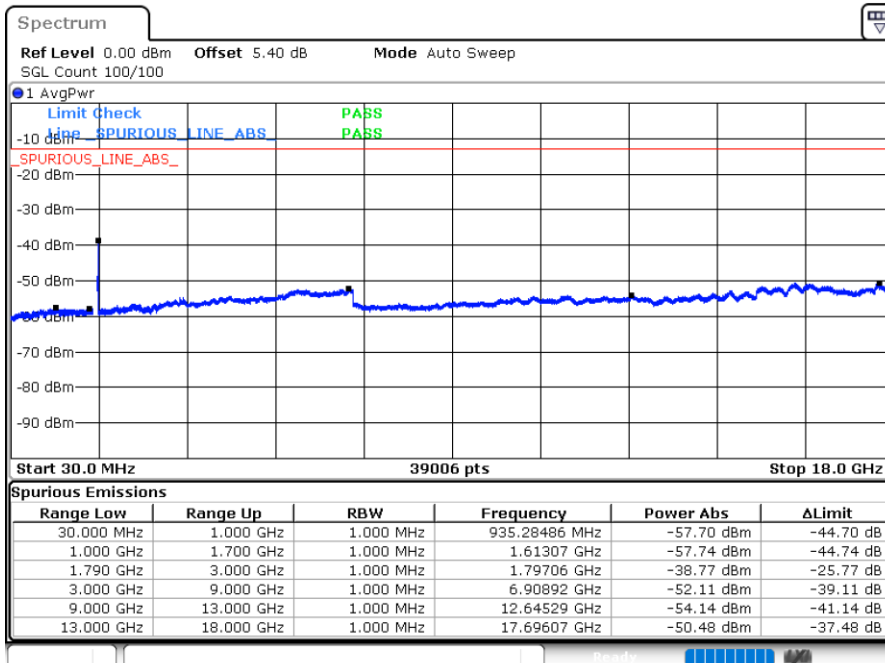


Date: 25 DEC.2022 04:36:38



Date: 25 DEC.2022 04:43:57

Highest Channel / QPSK



Date: 25 DEC.2022 04:45:17



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	0.0014	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. 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 :	23~25°C
		Relative Humidity :	41~42%

RSE pretest with Ant.0 / Ant.3, only the worst Antennas are shown in the report.

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)
Lowest	1400	-54.76	-13	-41.76	-61.73	1.58	10.70	H
	2096	-52.56	-13	-39.56	-60.81	2.102	12.50	H
	2800	-52.31	-13	-39.31	-61.20	2.856	13.90	H
	1400	-52.36	-13	-39.36	-59.33	1.58	10.70	V
	2096	-49.96	-13	-36.96	-58.21	2.10	12.50	V
	2800	-51.69	-13	-38.69	-60.58	2.86	13.90	V
Middle	1408	-56.21	-13	-43.21	-63.18	1.58	10.70	H
	2112	-50.40	-13	-37.40	-58.65	2.102	12.50	H
	2816	-52.04	-13	-39.04	-60.93	2.856	13.90	H
	1408	-53.32	-13	-40.32	-60.29	1.58	10.70	V
	2112	-44.31	-13	-31.31	-52.56	2.10	12.50	V
	2816	-51.46	-13	-38.46	-60.35	2.86	13.90	V
Highest	1416	-56.41	-13	-43.41	-63.38	1.58	10.70	H
	2120	-51.67	-13	-38.67	-59.92	2.102	12.50	H
	2824	-52.31	-13	-39.31	-61.20	2.856	13.90	H
	1416	-53.49	-13	-40.49	-60.46	1.58	10.70	V
	2120	-45.30	-13	-32.30	-53.55	2.10	12.50	V
	2824	-51.61	-13	-38.61	-60.50	2.86	13.90	V

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



LTE Band 13 / 5MHz / 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)
Lowest	1552	-56.99	-13	-43.99	-59.62	1.09	5.87	H
	2336	-52.69	-13	-39.69	-55.09	1.37	5.92	H
	3112	-51.45	-13	-38.45	-55.34	1.64	7.68	H
	1552	-54.98	-13	-41.98	-57.61	1.09	5.87	V
	2336	-49.51	-13	-36.51	-51.91	1.37	5.92	V
	3112	-51.02	-13	-38.02	-54.91	1.64	7.68	V
Middle	1560	-55.55	-42.15	-13.40	-58.18	1.09	5.87	H
	2336	-52.89	-13	-39.89	-55.29	1.37	5.92	H
	3120	-51.40	-13	-38.40	-55.29	1.64	7.68	H
	1560	-53.33	-42.15	-11.18	-55.96	1.09	5.87	V
	2336	-51.46	-13	-38.46	-53.86	1.37	5.92	V
	3120	-50.92	-13	-37.92	-54.81	1.64	7.68	V
Highest	1568	-55.08	-42.15	-12.93	-57.71	1.09	5.87	H
	2344	-53.30	-13	-40.30	-55.70	1.37	5.92	H
	3128	-51.64	-13	-38.64	-55.53	1.64	7.68	H
	1568	-53.47	-42.15	-11.32	-56.10	1.09	5.87	V
	2344	-51.79	-13	-38.79	-54.19	1.37	5.92	V
	3128	-51.27	-13	-38.27	-55.16	1.64	7.68	V

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

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	1552	-56.71	-13	-43.71	-59.34	1.09	5.87	H
	2336	-52.15	-13	-39.15	-54.55	1.37	5.92	H
	3112	-50.63	-13	-37.63	-54.52	1.64	7.68	H
	1552	-56.36	-13	-43.36	-58.99	1.09	5.87	V
	2336	-49.68	-13	-36.68	-52.08	1.37	5.92	V
	3112	-50.30	-13	-37.30	-54.19	1.64	7.68	V

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



LTE Band 25 / 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)
Lowest	3705	-62.57	-13	-49.57	-74.83	2.641	14.90	H
	5550	-48.81	-13	-35.81	-60.67	2.94	14.80	H
	7410	-62.14	-13	-49.14	-71.91	3.39	13.16	H
	3705	-63.09	-13	-50.09	-75.35	2.64	14.90	V
	5550	-52.82	-13	-39.82	-64.68	2.94	14.80	V
	7410	-62.10	-13	-49.10	-71.87	3.39	13.16	V
Middle	3735	-61.87	-13	-48.87	-74.13	2.64	14.90	H
	5610	-47.86	-13	-34.86	-59.72	2.94	14.80	H
	7485	-61.44	-13	-48.44	-71.21	3.39	13.16	H
	3735	-61.51	-13	-48.51	-73.77	2.64	14.90	V
	5610	-50.00	-13	-37.00	-61.86	2.94	14.80	V
	7485	-61.90	-13	-48.90	-71.67	3.39	13.16	V
Highest	3795	-60.95	-13	-47.95	-73.21	2.64	14.90	H
	5685	-50.84	-13	-37.84	-62.70	2.94	14.80	H
	7590	-61.47	-13	-48.47	-71.24	3.39	13.16	H
	3795	-60.93	-13	-47.93	-73.19	2.64	14.90	V
	5685	-48.00	-13	-35.00	-59.86	2.94	14.80	V
	7590	-62.21	-13	-49.21	-71.98	3.39	13.16	V

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



LTE Band 26 / 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)
Lowest	1648	-64.67	-13	-51.67	-71.64	1.58	10.70	H
	2474.52	-60.50	-13	-47.50	-68.75	2.102	12.50	H
	3299.36	-58.87	-13	-45.87	-67.76	2.856	13.90	H
	1648	-64.27	-13	-51.27	-71.24	1.58	10.70	V
	2474.52	-60.25	-13	-47.25	-68.50	2.10	12.50	V
	3296	-59.15	-13	-46.15	-68.04	2.86	13.90	V
Middle	1659.68	-64.14	-13	-51.14	-71.11	1.58	10.70	H
	2489.52	-61.15	-13	-48.15	-69.40	2.102	12.50	H
	3320	-59.10	-13	-46.10	-67.99	2.856	13.90	H
	1656	-64.15	-13	-51.15	-71.12	1.58	10.70	V
	2489.52	-60.07	-13	-47.07	-68.32	2.10	12.50	V
	3319.36	-59.09	-13	-46.09	-67.98	2.86	13.90	V
Highest	1672	-64.27	-13	-51.27	-71.24	1.58	10.70	H
	2504.52	-61.10	-13	-48.10	-69.35	2.102	12.50	H
	3339.36	-59.53	-13	-46.53	-68.42	2.856	13.90	H
	1669.68	-64.03	-13	-51.03	-71.00	1.58	10.70	V
	2504.52	-60.46	-13	-47.46	-68.71	2.10	12.50	V
	3336	-59.38	-13	-46.38	-68.27	2.86	13.90	V

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



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)
Lowest	3420	-57.18	-13	-44.18	-67.92	2.604	13.34	H
	5130	-51.77	-13	-38.77	-62.28	3.011	13.52	H
	6840	-51.32	-13	-38.32	-61.52	3.271	13.47	H
	3420	-56.98	-13	-43.98	-67.72	2.604	13.34	V
	5130	-53.14	-13	-40.14	-63.65	3.011	13.52	V
	6840	-51.57	-13	-38.57	-61.77	3.271	13.47	V
Middle	3465	-56.30	-13	-43.30	-67.04	2.604	13.34	H
	5205	-49.51	-13	-36.51	-60.02	3.011	13.52	H
	6945	-50.60	-13	-37.60	-60.80	3.271	13.47	H
	3465	-55.45	-13	-42.45	-66.19	2.604	13.34	V
	5205	-50.89	-13	-37.89	-61.40	3.011	13.52	V
	6945	-50.65	-13	-37.65	-60.85	3.271	13.47	V
Highest	3525	-55.55	-13	-42.55	-66.29	2.604	13.34	H
	5280	-46.23	-13	-33.23	-56.74	3.011	13.52	H
	7050	-50.34	-13	-37.34	-60.54	3.271	13.47	H
	3525	-54.30	-13	-41.30	-65.04	2.604	13.34	V
	5280	-48.78	-13	-35.78	-59.29	3.011	13.52	V
	7050	-50.52	-13	-37.52	-60.72	3.271	13.47	V

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