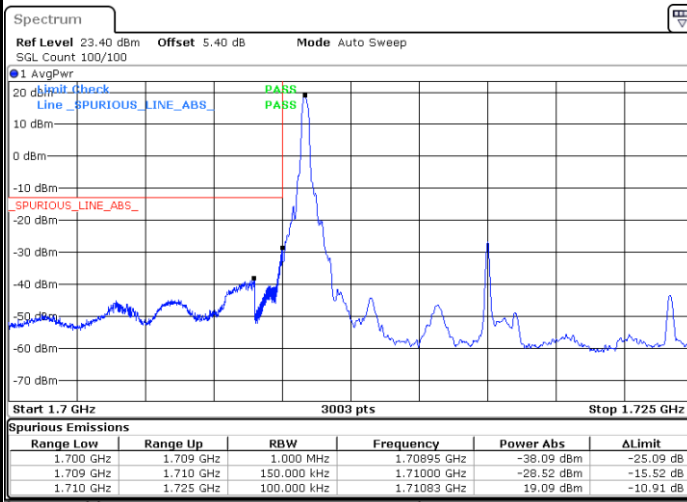




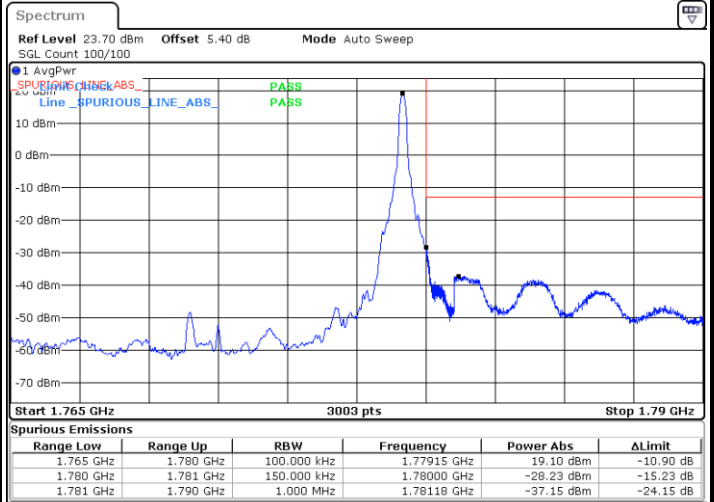
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



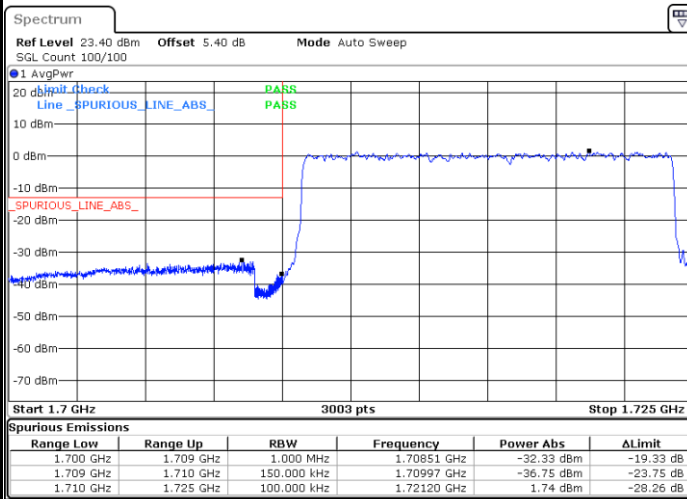
Date: 21 JUN 2022 13:29:04

Highest Band Edge / 1 RB



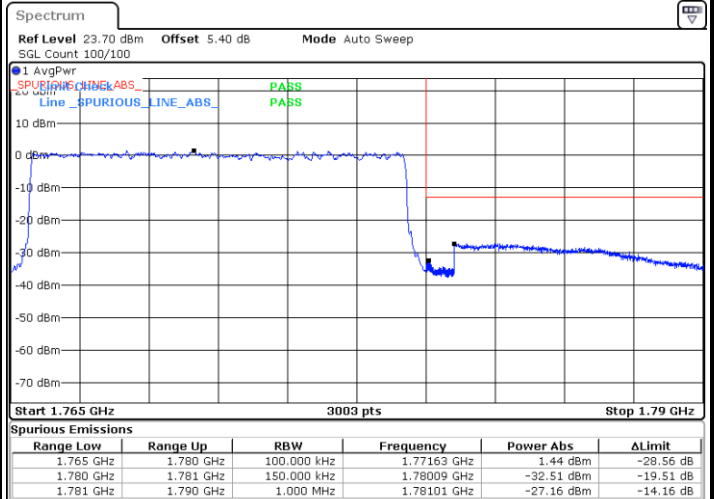
Date: 21 JUN 2022 13:37:02

Lowest Band Edge / Full RB



Date: 21 JUN 2022 13:32:10

Highest Band Edge / Full RB

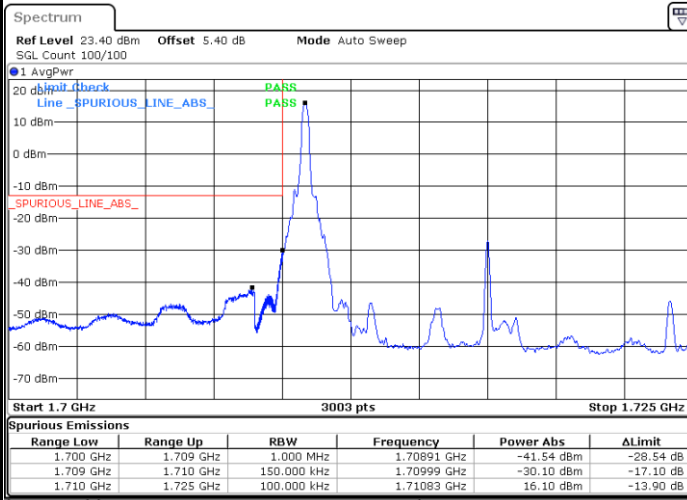


Date: 21 JUN 2022 13:34:05



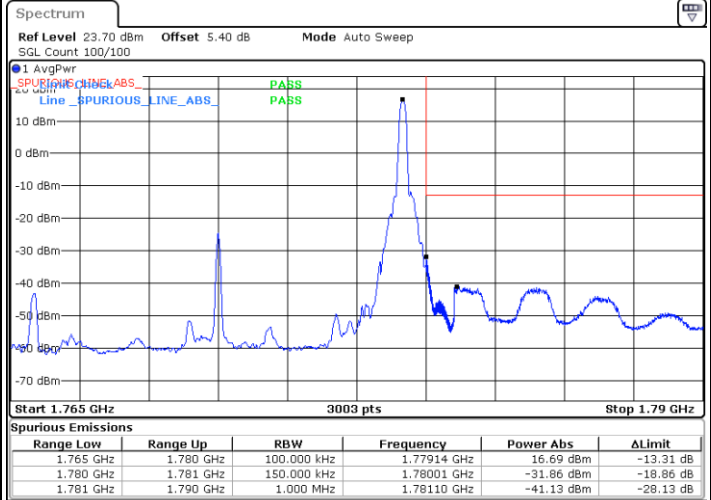
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



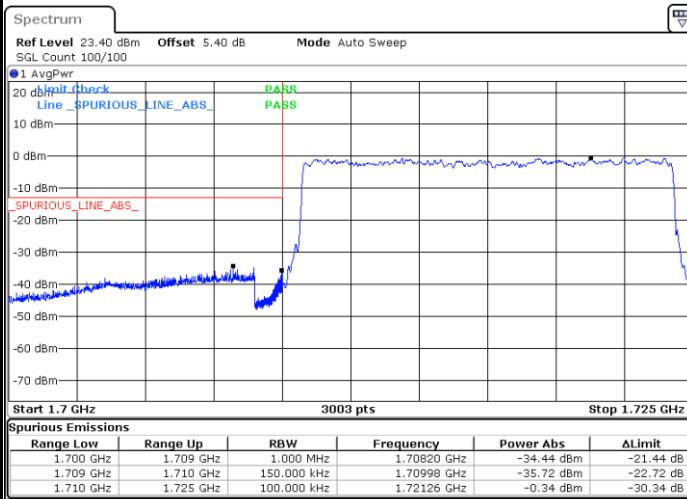
Date: 21 JUN 2022 13:28:25

Highest Band Edge / 1 RB



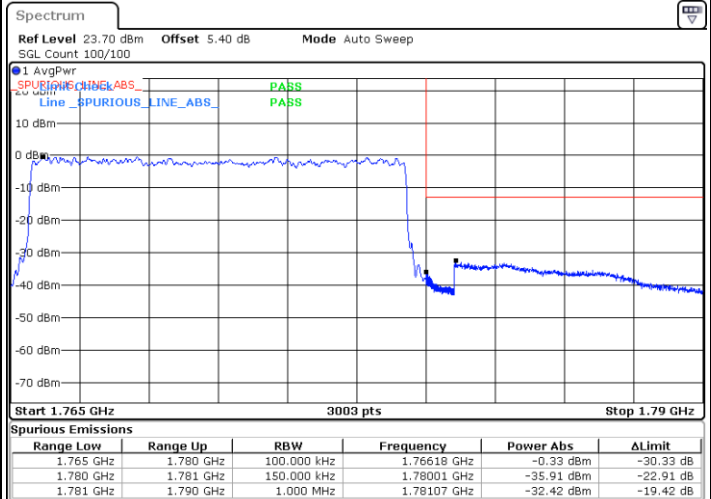
Date: 21 JUN 2022 13:36:22

Lowest Band Edge / Full RB



Date: 21 JUN 2022 13:31:17

Highest Band Edge / Full RB

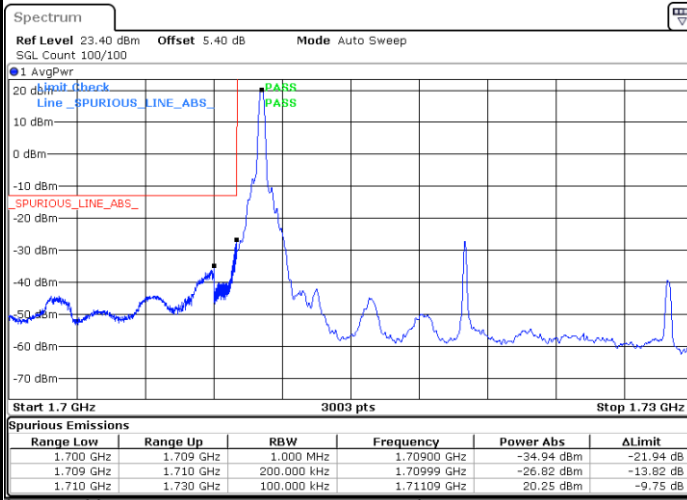


Date: 21 JUN 2022 13:33:06



LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



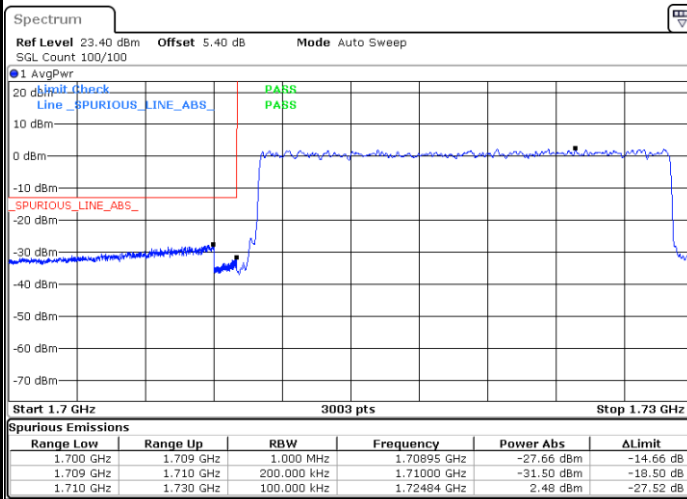
Date: 21 JUN 2022 13:42:55

Highest Band Edge / 1 RB



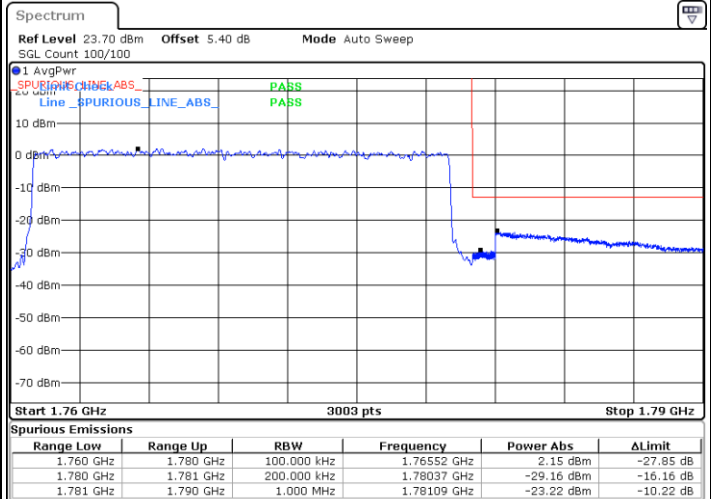
Date: 21 JUN 2022 13:49:14

Lowest Band Edge / Full RB



Date: 21 JUN 2022 13:45:57

Highest Band Edge / Full RB

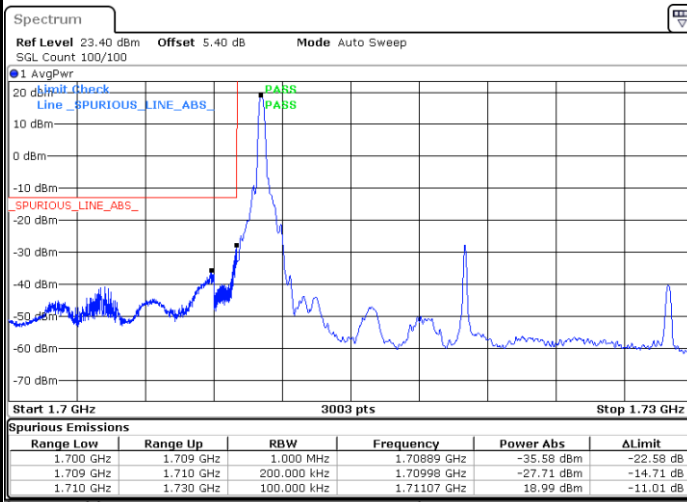


Date: 21 JUN 2022 13:48:29



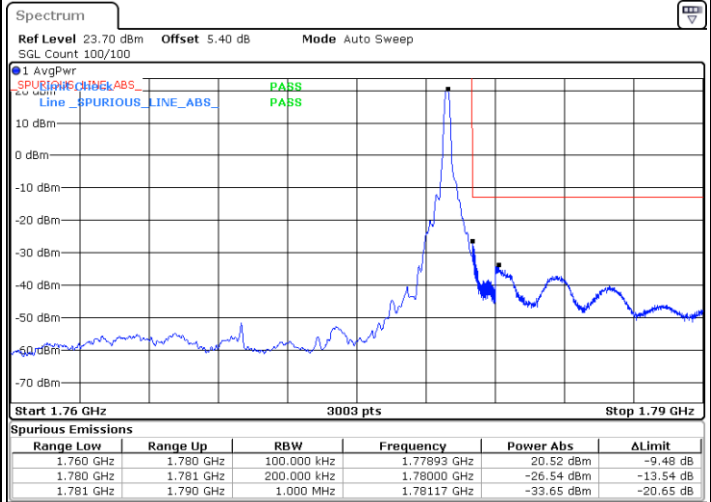
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



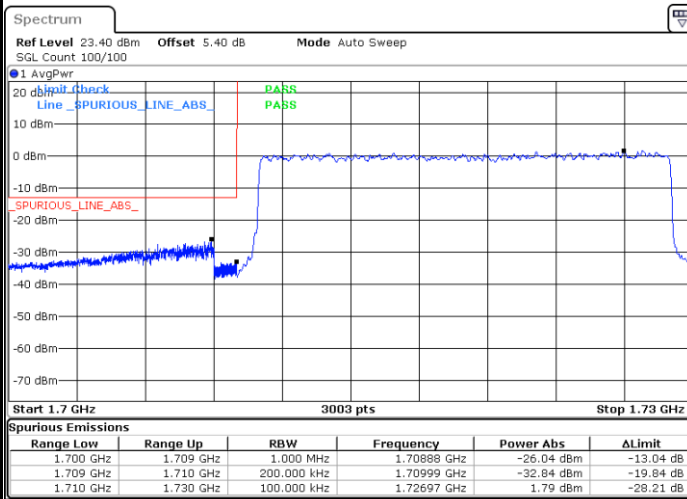
Date: 21 JUN 2022 13:43:17

Highest Band Edge / 1 RB



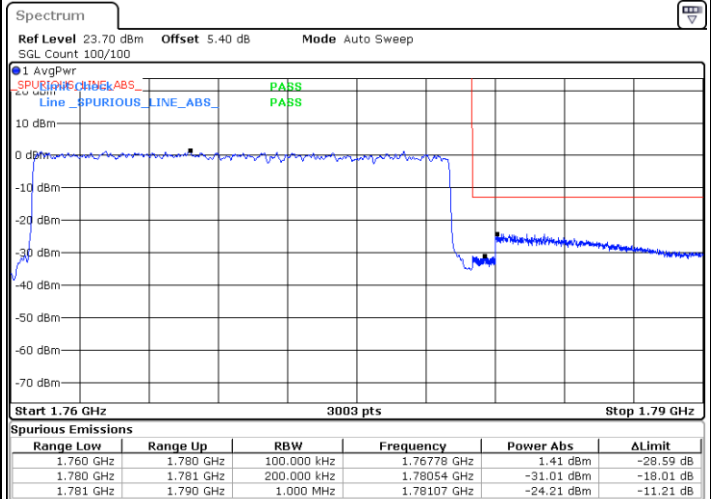
Date: 21 JUN 2022 13:49:33

Lowest Band Edge / Full RB



Date: 21 JUN 2022 13:45:36

Highest Band Edge / Full RB

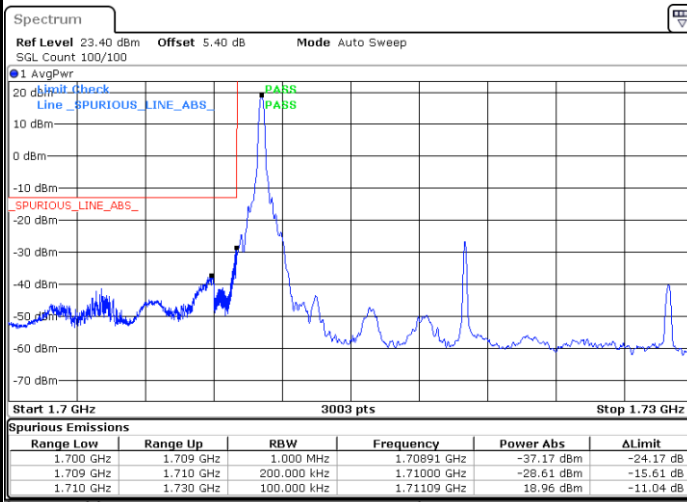


Date: 21 JUN 2022 13:47:56



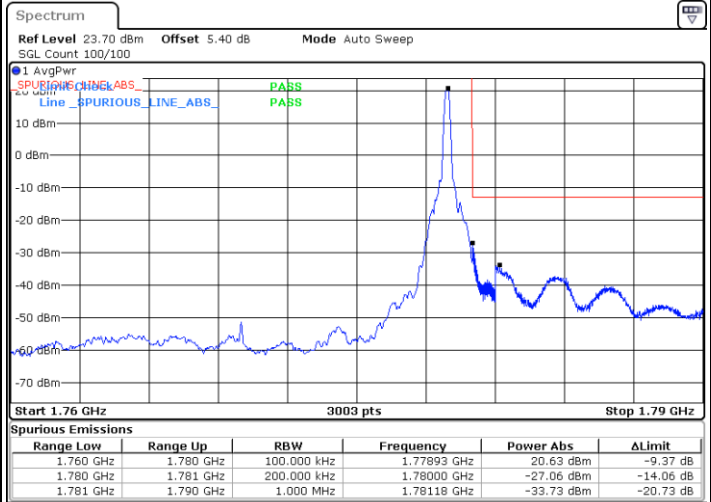
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



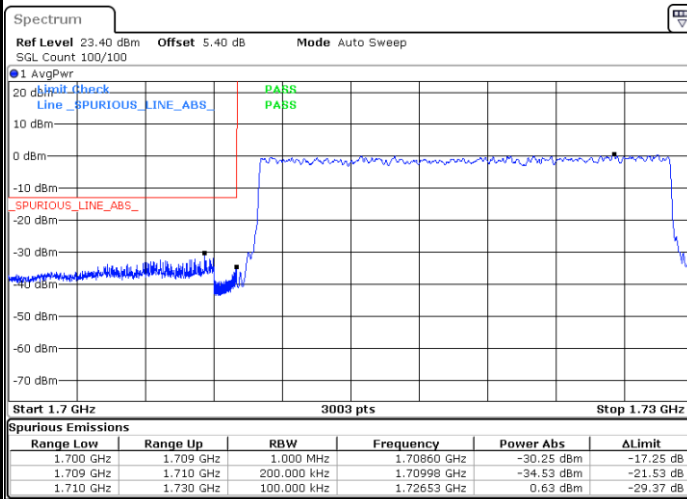
Date: 21 JUN 2022 13:44:09

Highest Band Edge / 1 RB



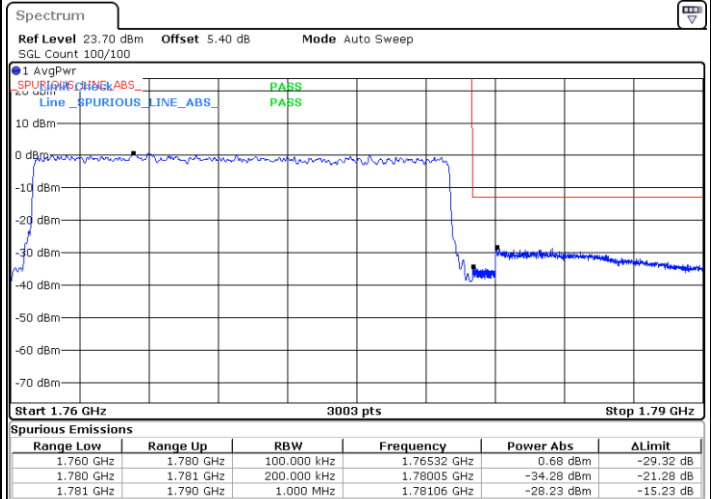
Date: 21 JUN 2022 13:50:25

Lowest Band Edge / Full RB



Date: 21 JUN 2022 13:45:13

Highest Band Edge / Full RB



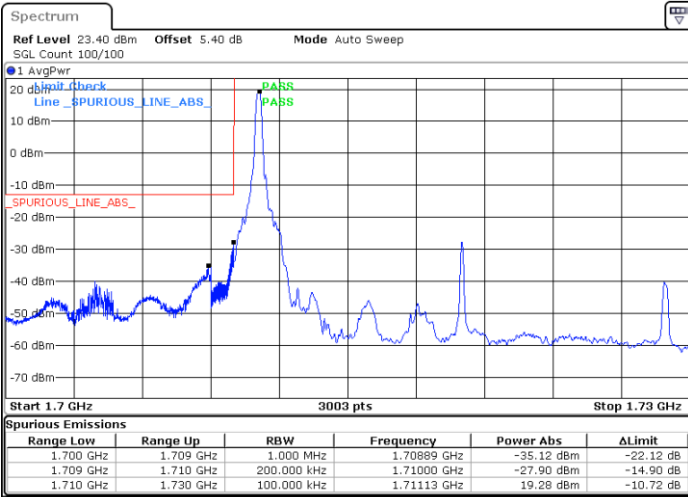
Date: 21 JUN 2022 13:47:36



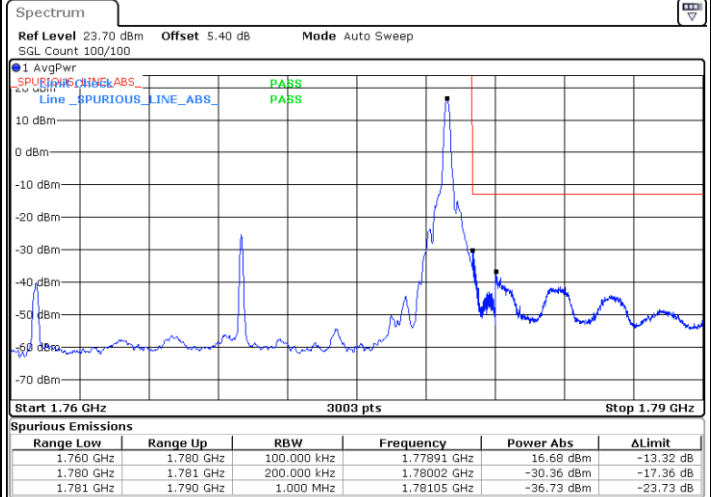
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



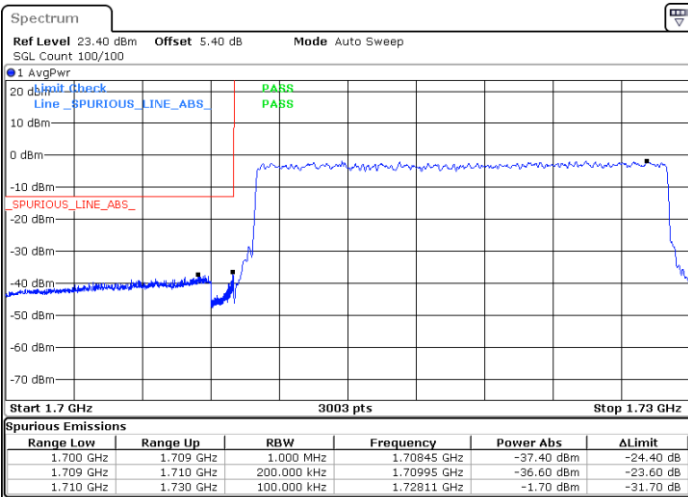
Date: 21 JUN 2022 13:43:43



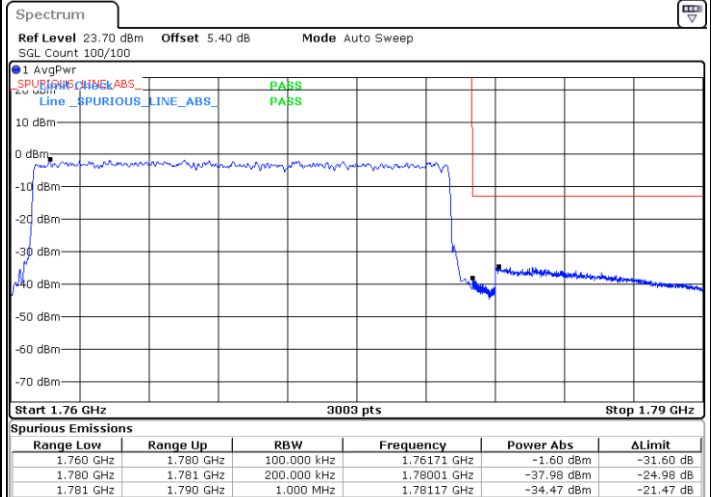
Date: 21 JUN 2022 13:58:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



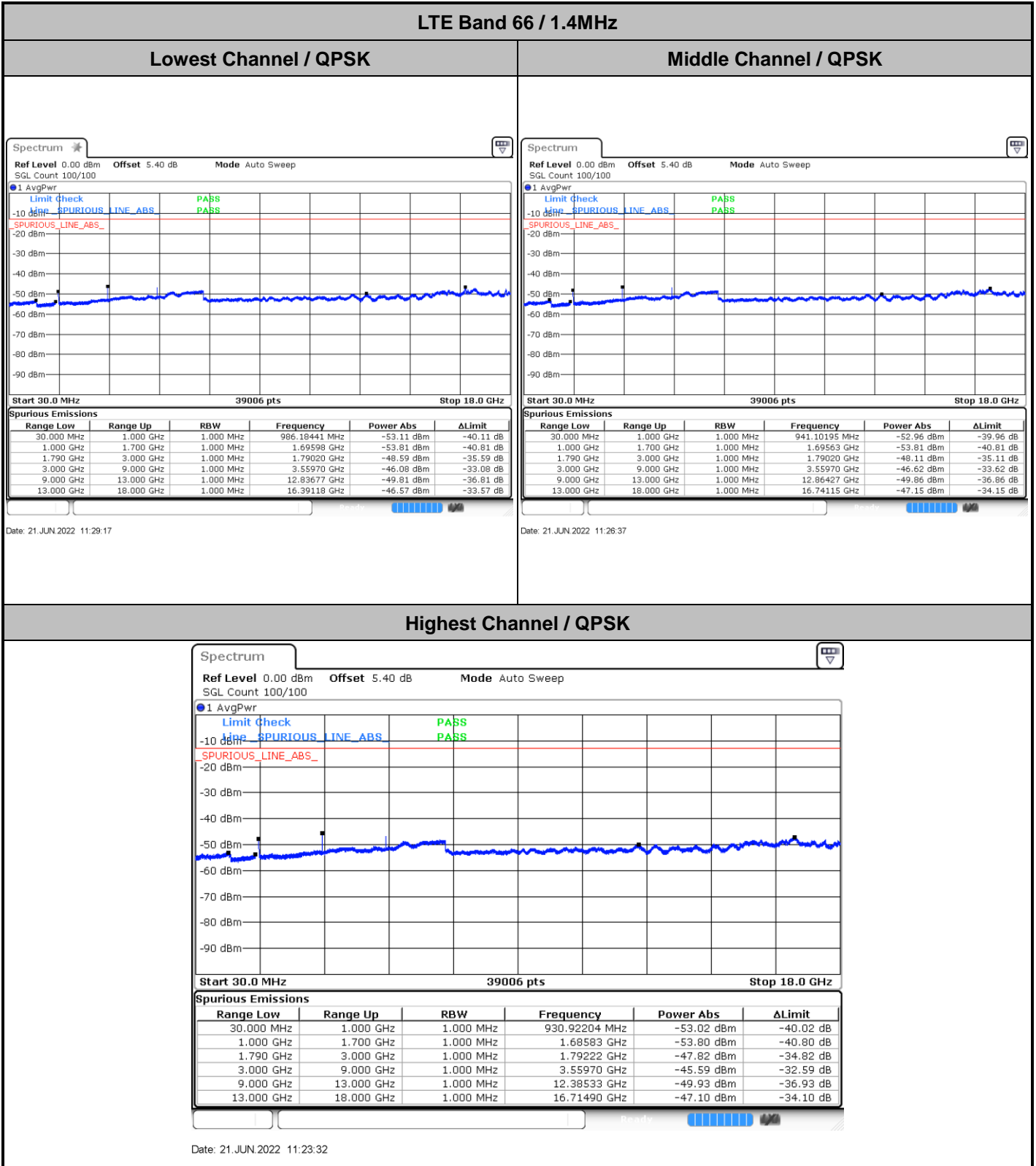
Date: 21 JUN 2022 13:44:47



Date: 21 JUN 2022 13:47:13



Conducted Spurious Emission

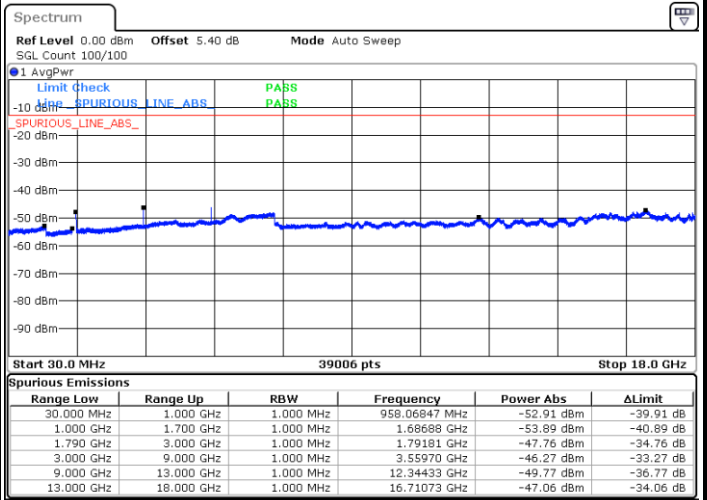
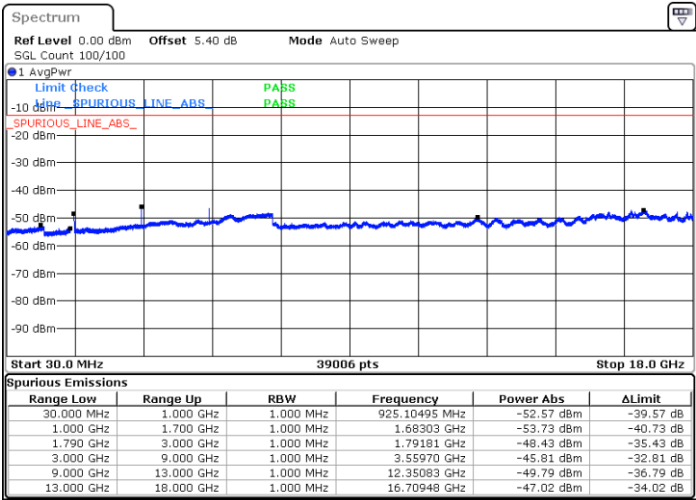




LTE Band 66 / 3MHz

Lowest Channel / QPSK

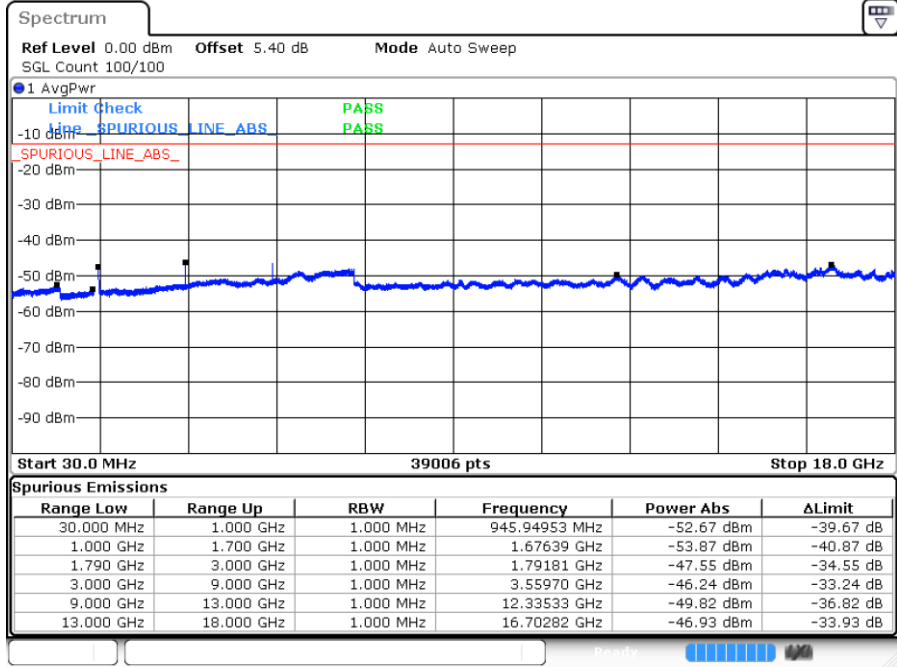
Middle Channel / QPSK



Date: 21 JUN 2022 12:55:55

Date: 21 JUN 2022 12:54:36

Highest Channel / QPSK



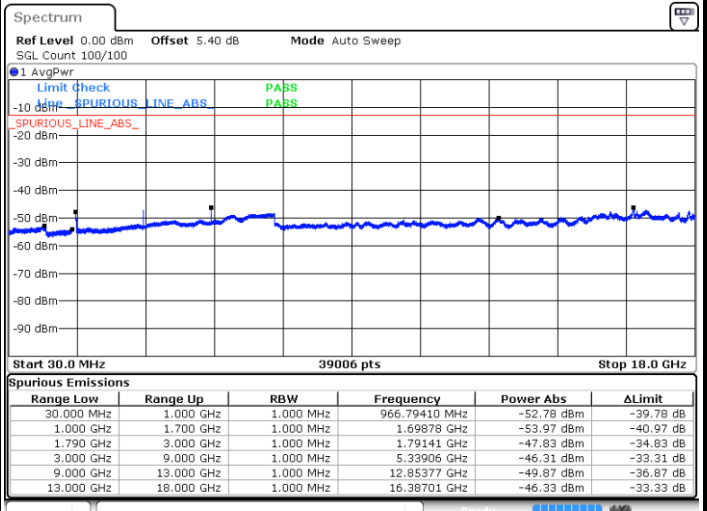
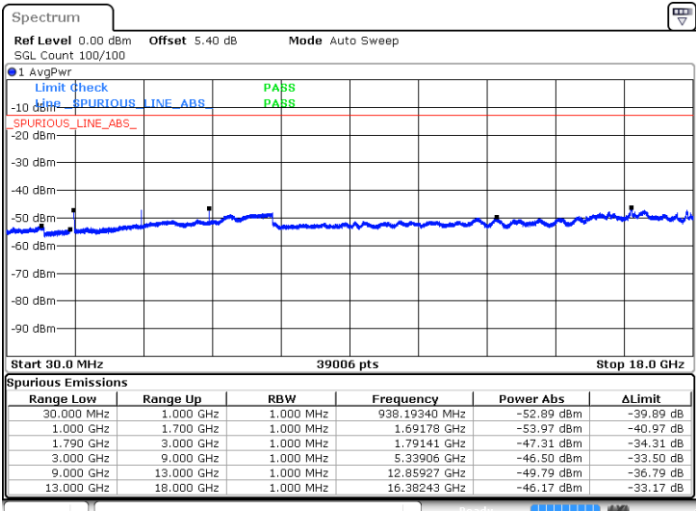
Date: 21 JUN 2022 12:53:20



LTE Band 66 / 5MHz

Lowest Channel / QPSK

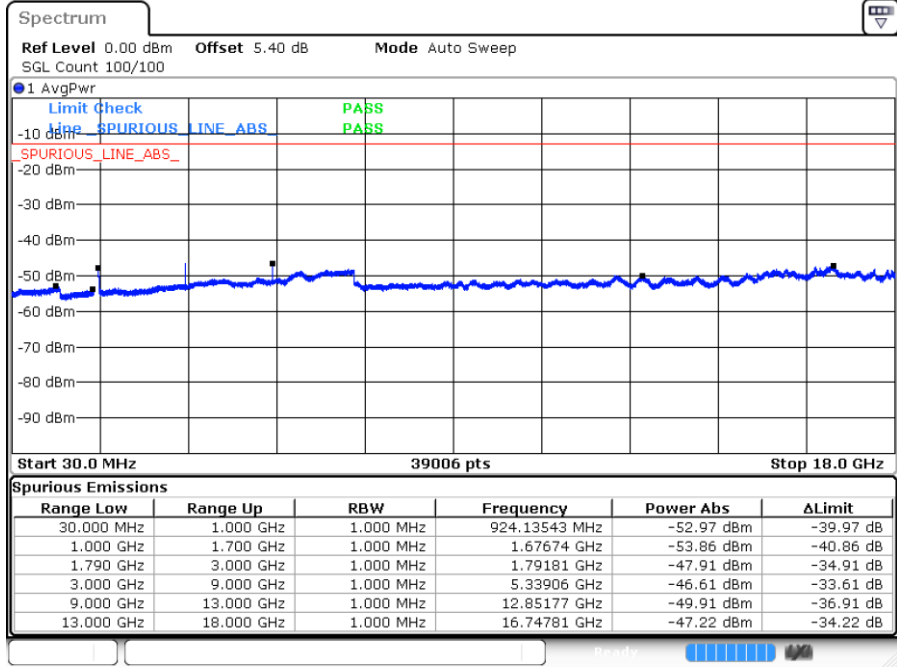
Middle Channel / QPSK



Date: 21 JUN 2022 13:13:04

Date: 21 JUN 2022 13:11:45

Highest Channel / QPSK



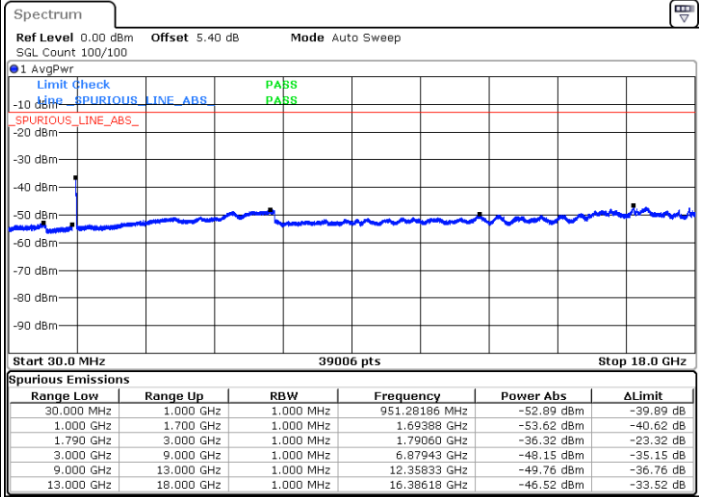
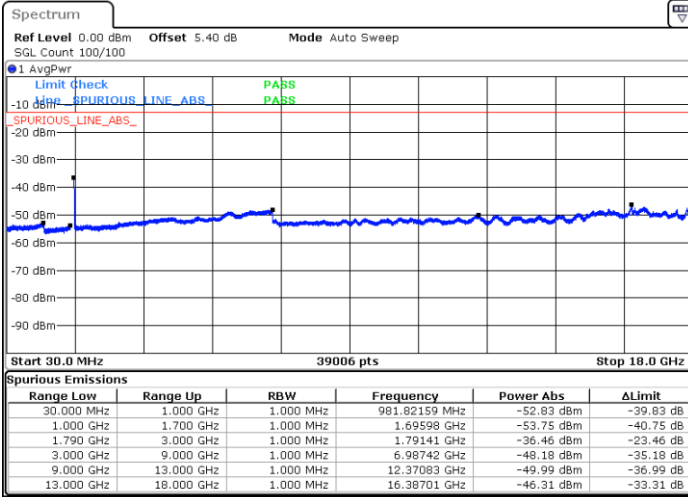
Date: 21 JUN 2022 13:10:19



LTE Band 66 / 10MHz

Lowest Channel / QPSK

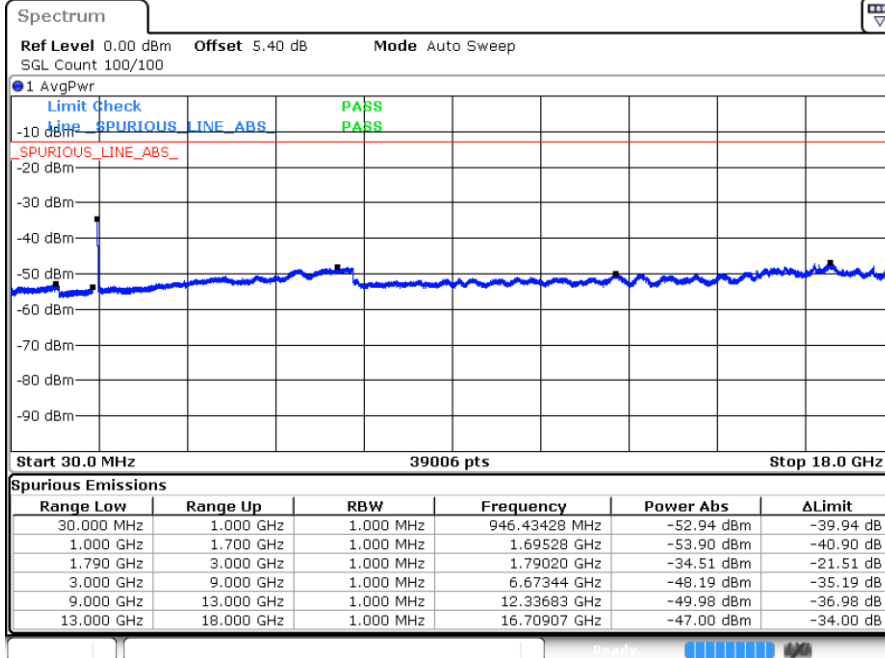
Middle Channel / QPSK



Date: 21 JUN 2022 13:27:04

Date: 21 JUN 2022 13:25:47

Highest Channel / QPSK



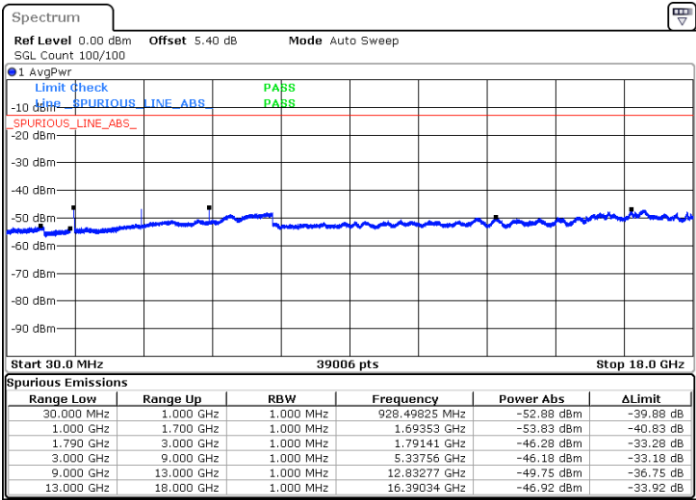
Date: 21 JUN 2022 13:24:21



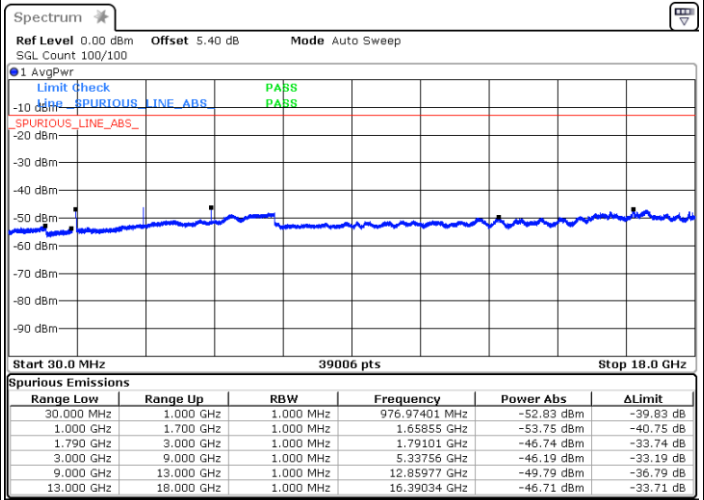
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

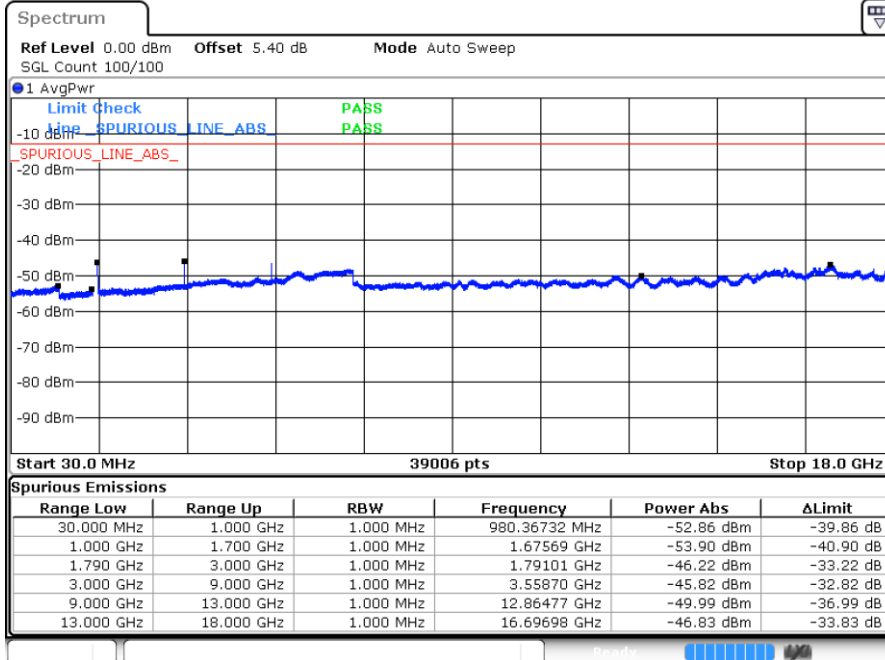


Date: 21 JUN 2022 13:41:43



Date: 21 JUN 2022 13:40:27

Highest Channel / QPSK



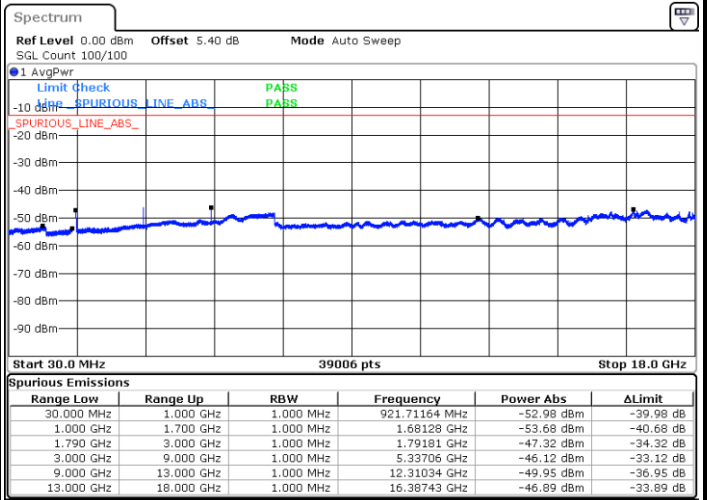
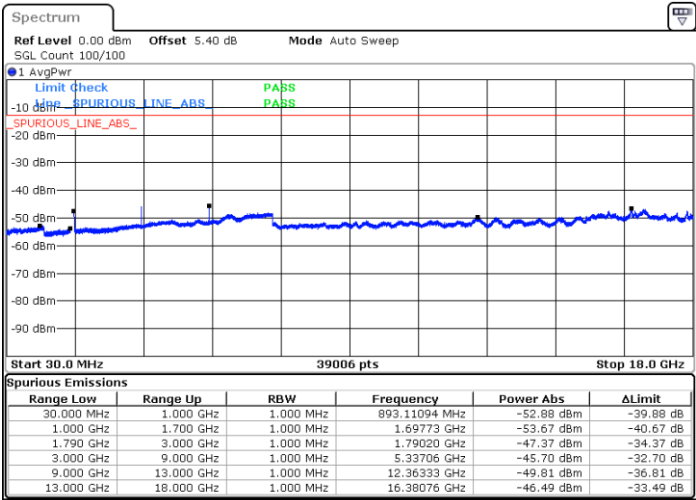
Date: 21 JUN 2022 13:38:57



LTE Band 66 / 20MHz

Lowest Channel / QPSK

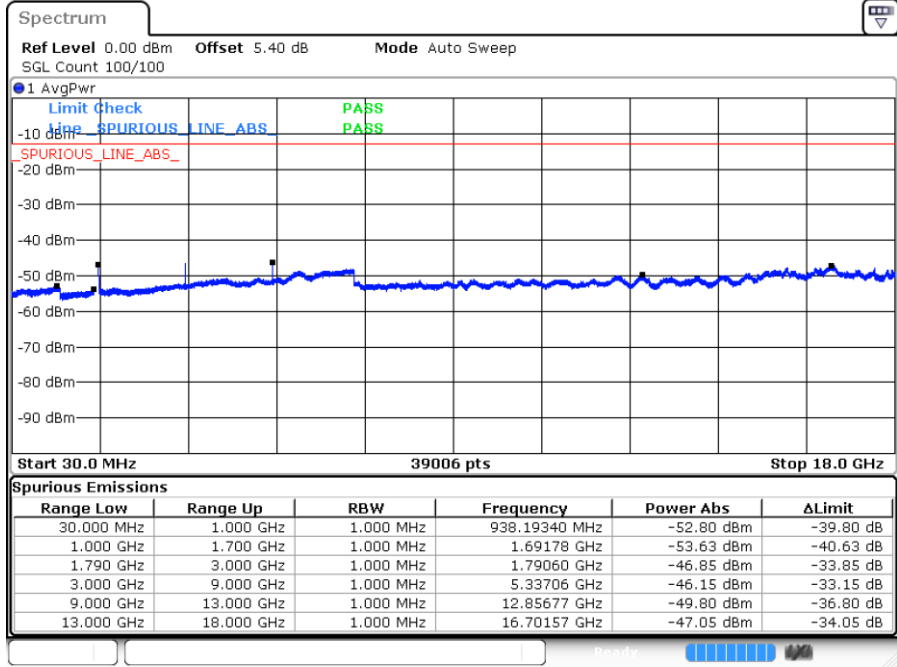
Middle Channel / QPSK



Date: 21 JUN 2022 13:54:27

Date: 21 JUN 2022 13:53:10

Highest Channel / QPSK



Date: 21 JUN 2022 13:51:50



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	0.0005	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 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 :	Simle Wang	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 12 / 10MHz / QPSK for 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	-66.53	-13	-53.53	-69.16	1.09	5.87	H
	2112	-61.64	-13	-48.64	-64.04	1.37	5.92	H
	2808	-59.91	-13	-46.91	-63.80	1.64	7.68	H
	1408	-65.70	-13	-52.70	-68.33	1.09	5.87	V
	2112	-60.22	-13	-47.22	-62.62	1.37	5.92	V
	2808	-59.26	-13	-46.26	-63.15	1.64	7.68	V

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

LTE Band 13 / 5MHz / QPSK for 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	-66.28	-42.15	-24.13	-68.91	1.09	5.87	H
	2336	-61.87	-13	-48.87	-64.27	1.37	5.92	H
	3120	-59.82	-13	-46.82	-63.71	1.64	7.68	H
	1560	-65.80	-42.15	-23.65	-68.43	1.09	5.87	V
	2336	-60.47	-13	-47.47	-62.87	1.37	5.92	V
	3120	-59.65	-13	-46.65	-63.54	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK for 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	-66.77	-13	-53.77	-69.40	1.09	5.87	H
	2336	-59.20	-13	-46.20	-61.60	1.37	5.92	H
	3112	-60.33	-13	-47.33	-64.22	1.64	7.68	H
	1552	-66.11	-13	-53.11	-68.74	1.09	5.87	V
	2336	-57.79	-13	-44.79	-60.19	1.37	5.92	V
	3112	-59.88	-13	-46.88	-63.77	1.64	7.68	V

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



LTE Band 25 / 20MHz / QPSK for Ant.1								
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	-53.00	-13	-40.00	-65.26	2.64	14.90	H
	5613	-39.61	-13	-26.61	-51.47	2.94	14.80	H
	7488	-48.97	-13	-35.97	-58.74	3.39	13.16	H
	3741	-51.93	-13	-38.93	-64.19	2.64	14.90	V
	5613	-39.78	-13	-26.78	-51.64	2.94	14.80	V
	7488	-50.42	-13	-37.42	-60.19	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK for 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	-65.28	-13	-52.28	-72.25	1.58	10.70	H
	2488	-60.51	-13	-47.51	-68.76	2.102	12.50	H
	3320	-60.24	-13	-47.24	-69.13	2.856	13.90	H
	1656	-64.34	-13	-51.34	-71.31	1.58	10.70	V
	2488	-59.13	-13	-46.13	-67.38	2.10	12.50	V
	3320	-60.38	-13	-47.38	-69.27	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK for 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	-54.52	-13	-41.52	-65.26	2.604	13.34	H
	5208	-45.18	-13	-32.18	-55.69	3.011	13.52	H
	6948	-44.50	-13	-31.50	-54.70	3.271	13.47	H
	3471	-56.44	-13	-43.44	-67.18	2.604	13.34	V
	5208	-47.52	-13	-34.52	-58.03	3.011	13.52	V
	6948	-44.35	-13	-31.35	-54.55	3.271	13.47	V

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