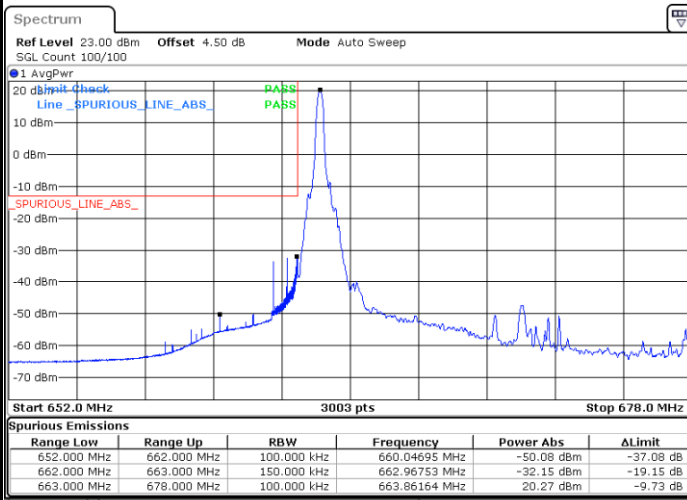




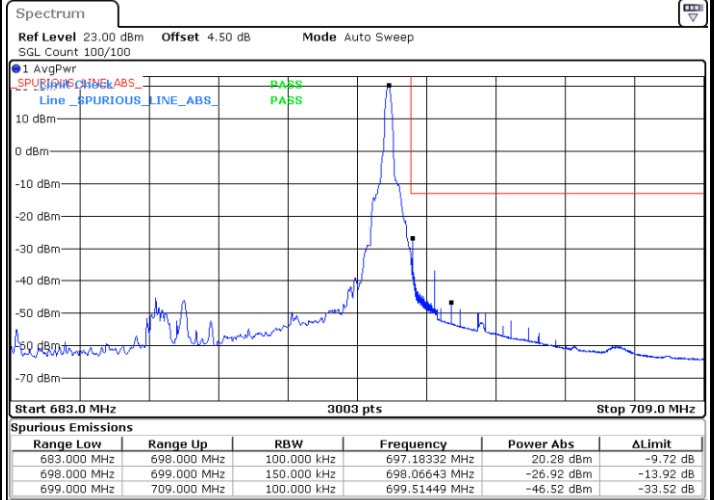
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



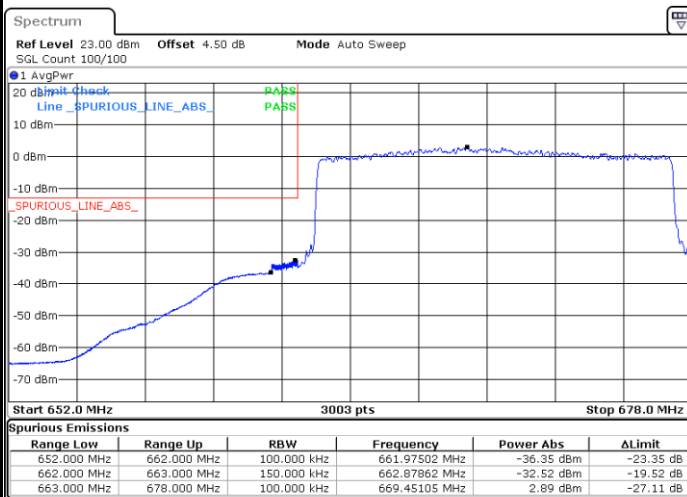
Date: 2 APR 2021 18:53:55

Highest Band Edge / 1 RB



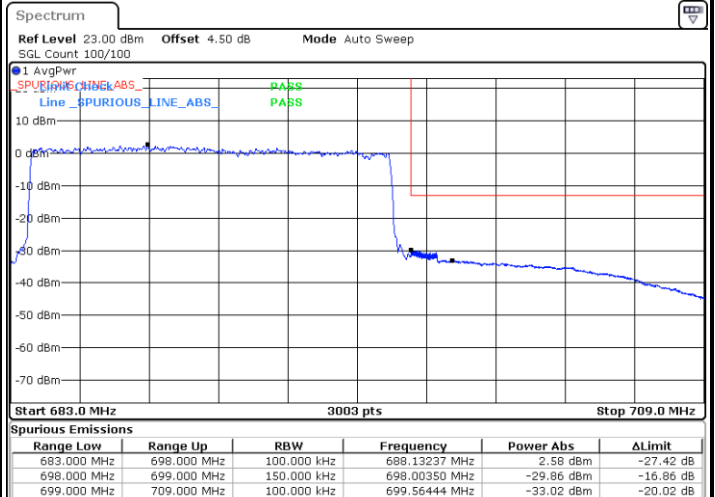
Date: 2 APR 2021 19:00:51

Lowest Band Edge / Full RB

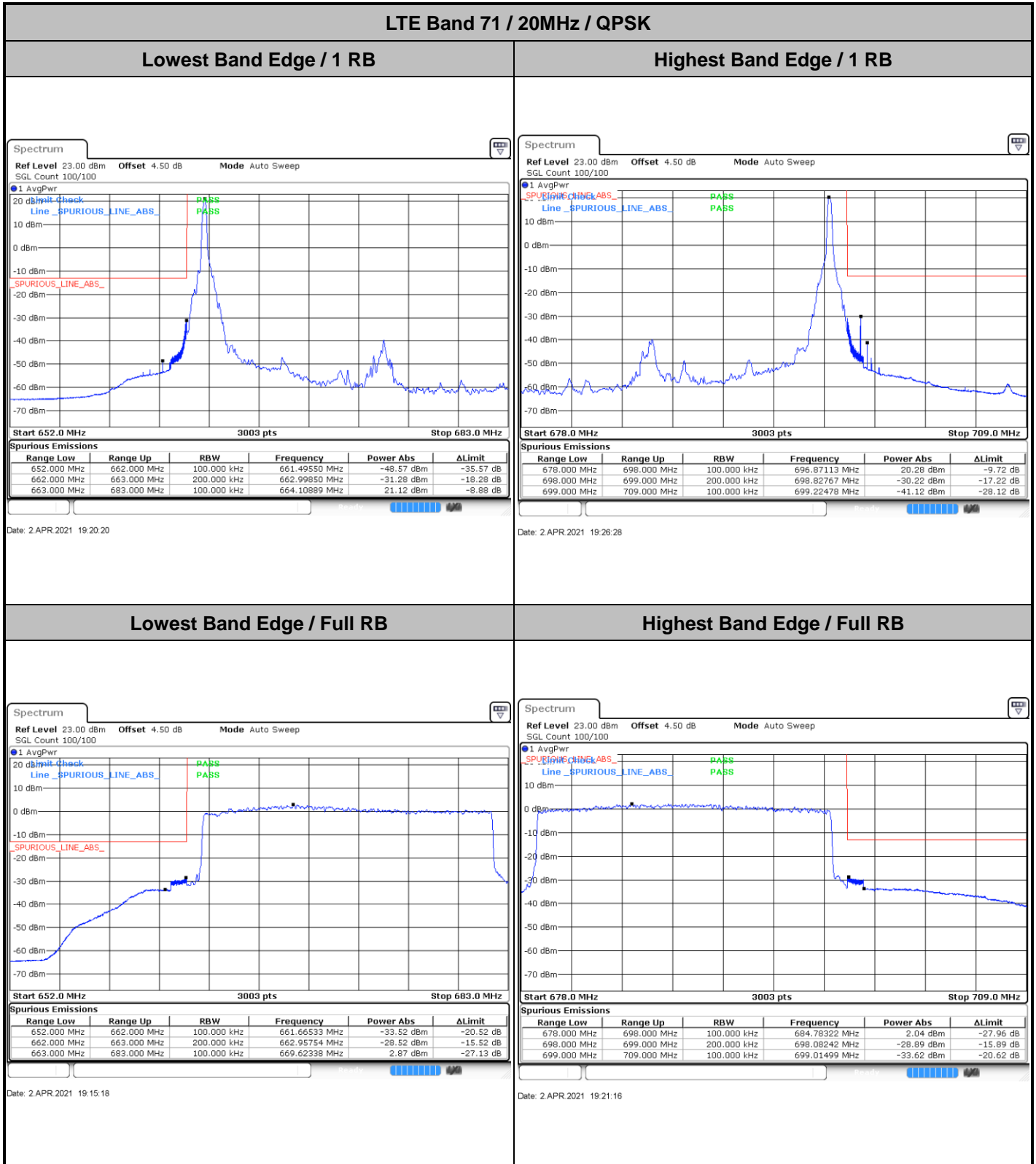


Date: 2 APR 2021 18:52:16

Highest Band Edge / Full RB



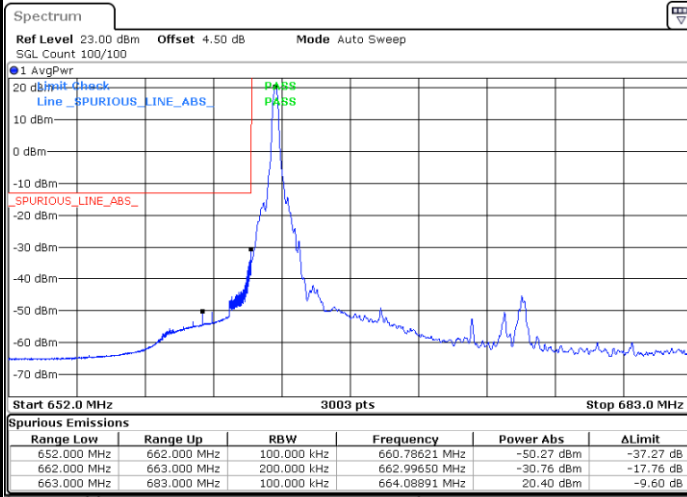
Date: 2 APR 2021 18:59:58





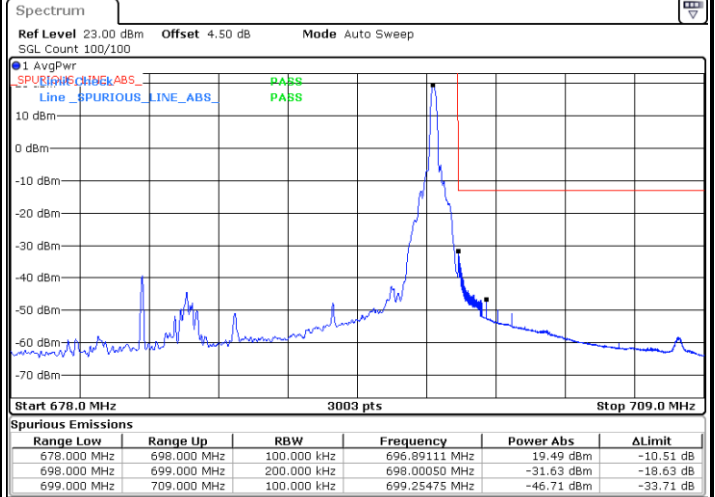
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



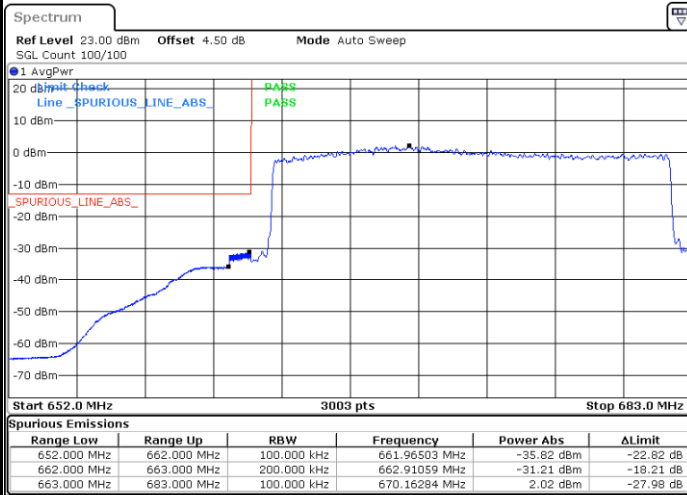
Date: 2 APR 2021 19:19:41

Highest Band Edge / 1RB



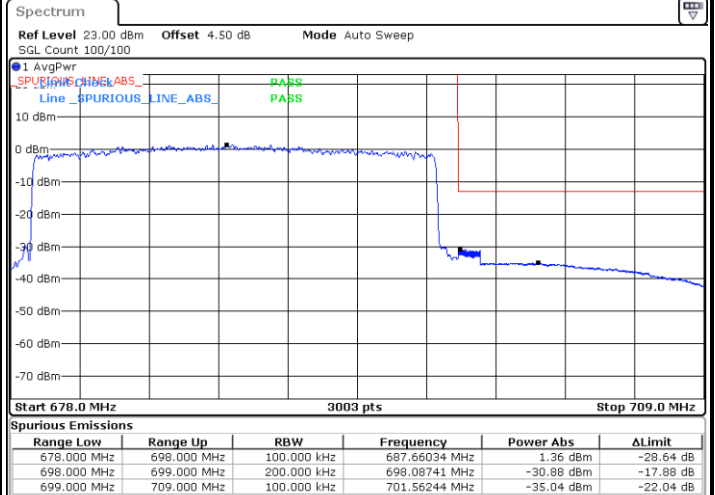
Date: 2 APR 2021 19:24:25

Lowest Band Edge / Full RB



Date: 2 APR 2021 19:16:09

Highest Band Edge / Full RB

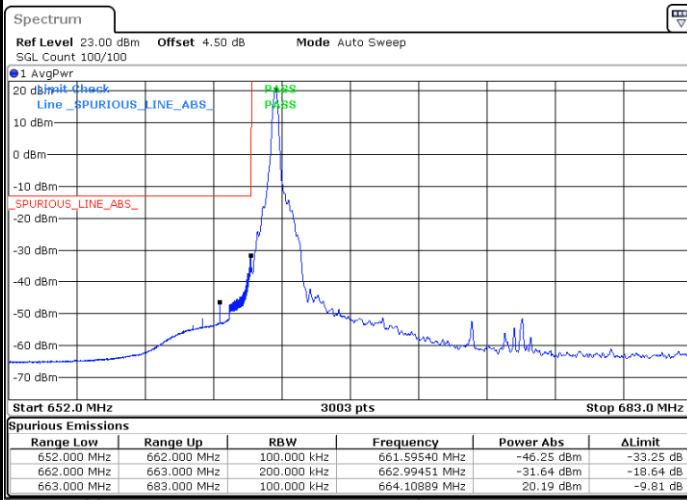


Date: 2 APR 2021 19:22:17



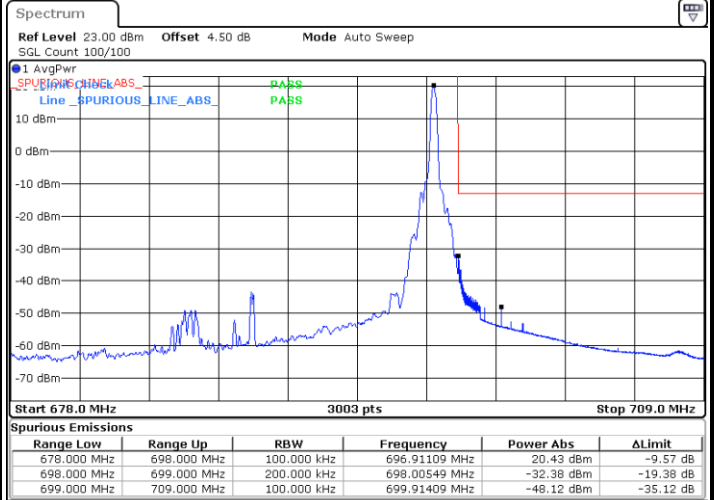
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



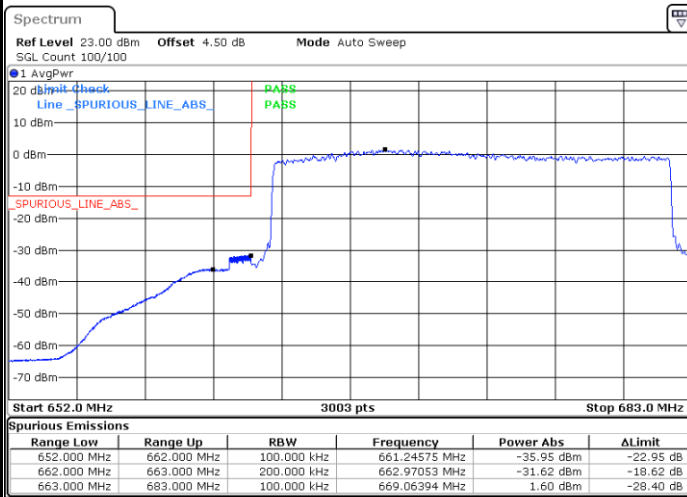
Date: 2 APR 2021 19:18:55

Highest Band Edge / 1 RB



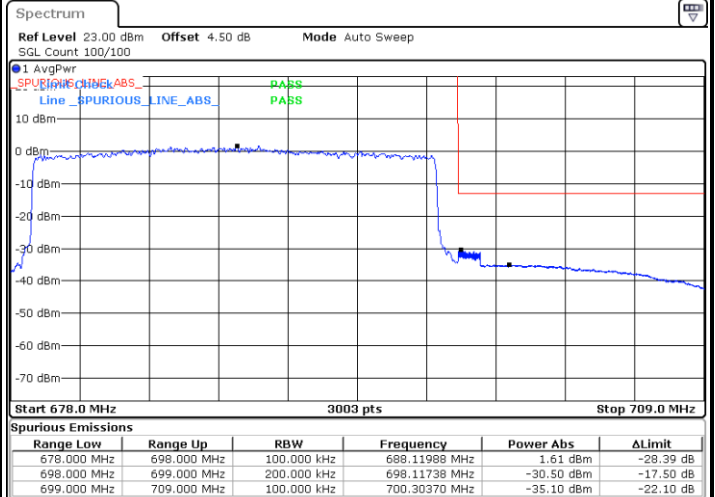
Date: 2 APR 2021 19:23:47

Lowest Band Edge / Full RB



Date: 2 APR 2021 19:18:14

Highest Band Edge / Full RB



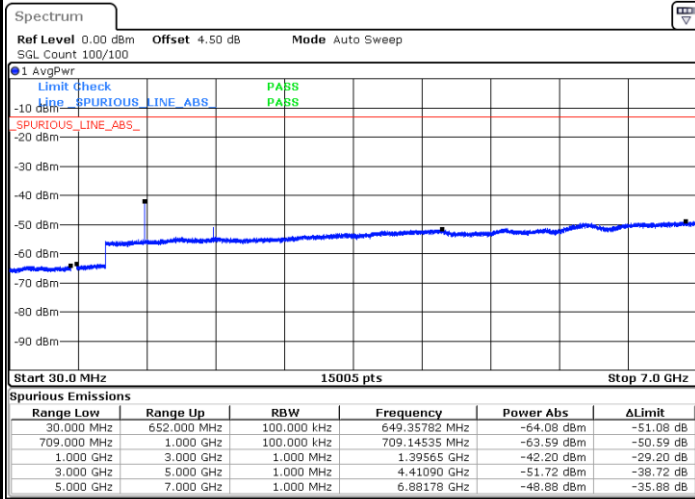
Date: 2 APR 2021 19:23:01



Conducted Spurious Emission

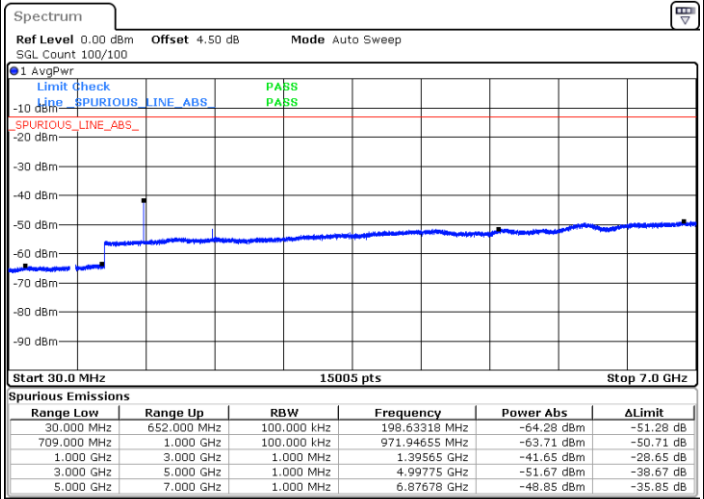
LTE Band 71 / 5MHz

Lowest Channel / QPSK



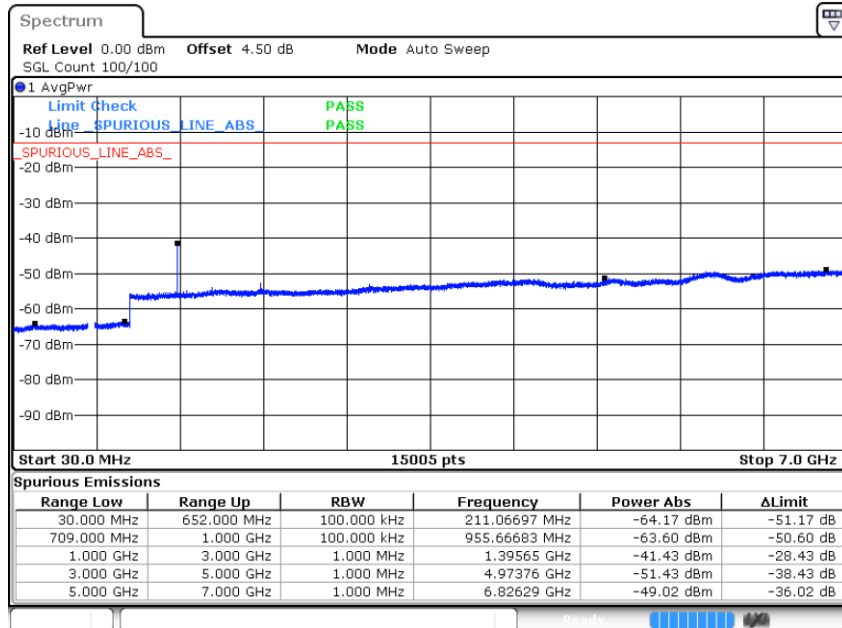
Date: 2 APR 2021 18:20:49

Middle Channel / QPSK



Date: 2 APR 2021 18:17:21

Highest Channel / QPSK



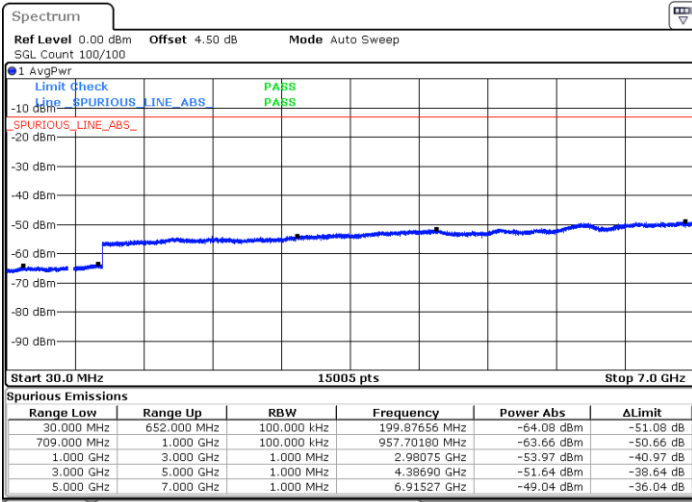
Date: 2 APR 2021 18:15:25



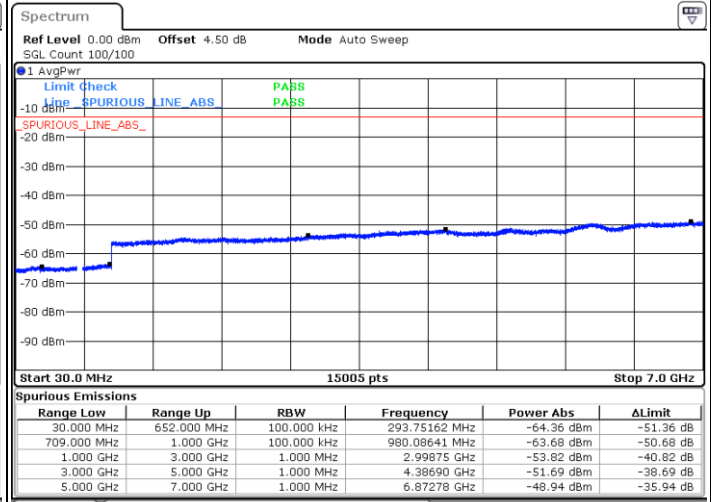
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

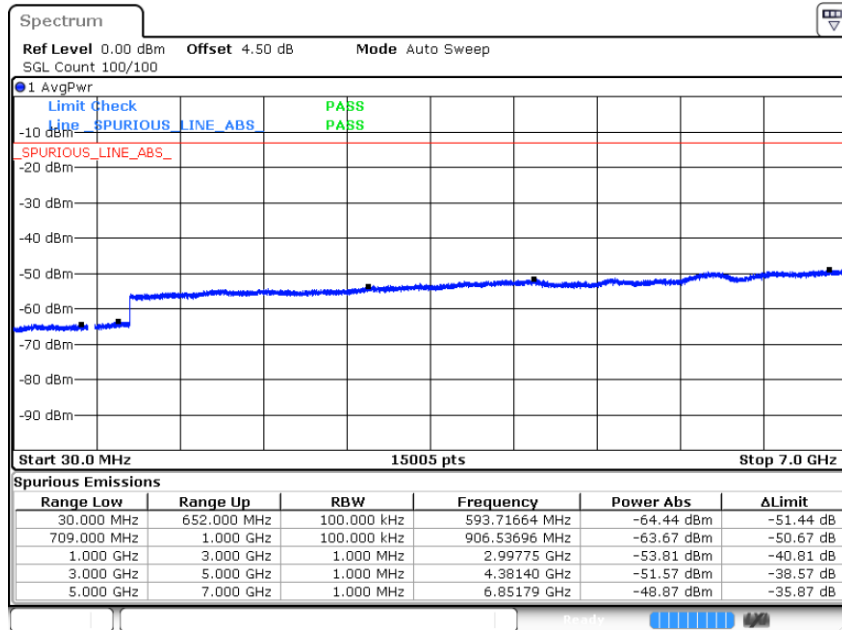


Date: 2 APR 2021 22:59:29



Date: 2 APR 2021 22:57:36

Highest Channel / QPSK



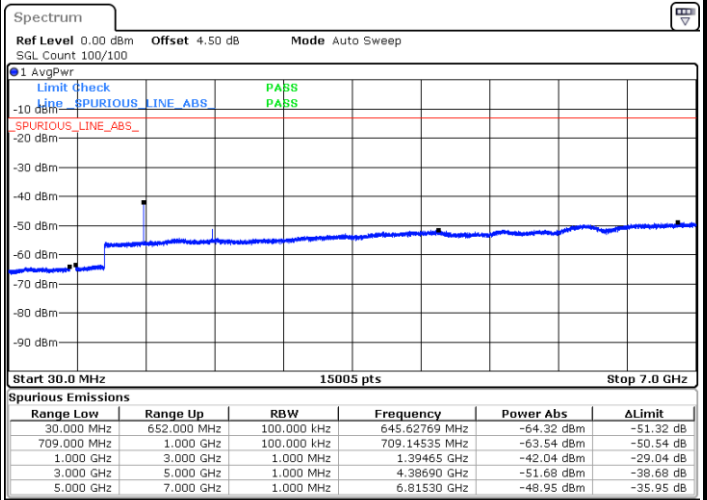
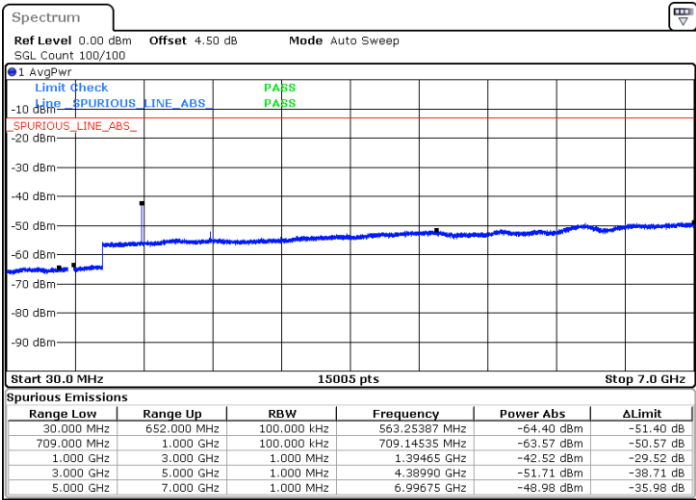
Date: 2 APR 2021 23:02:00



LTE Band 71 / 15MHz

Lowest Channel / QPSK

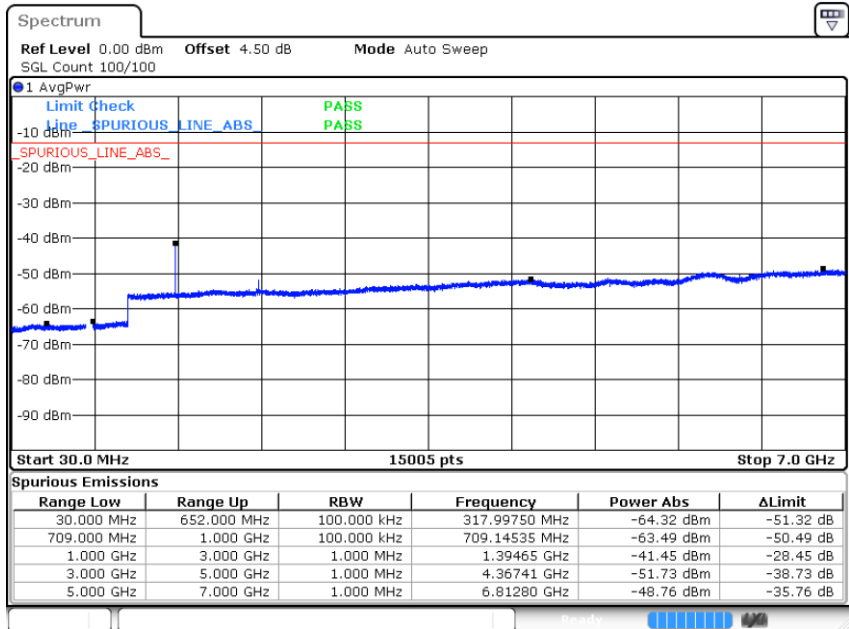
Middle Channel / QPSK



Date: 2.APR.2021 19:09:10

Date: 2.APR.2021 19:07:19

Highest Channel / QPSK



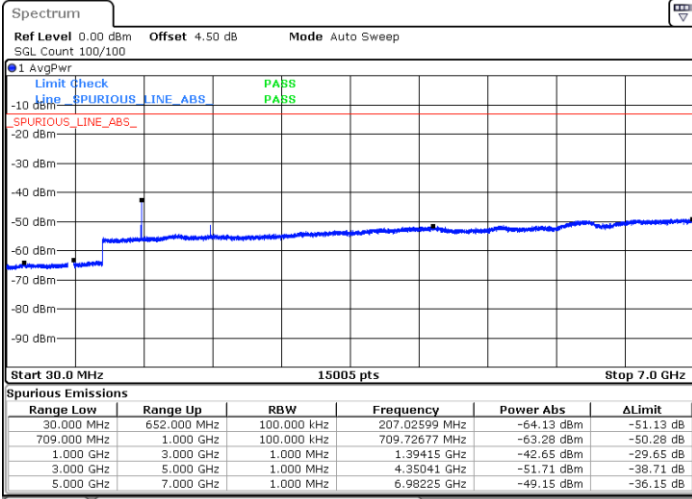
Date: 2.APR.2021 19:05:27



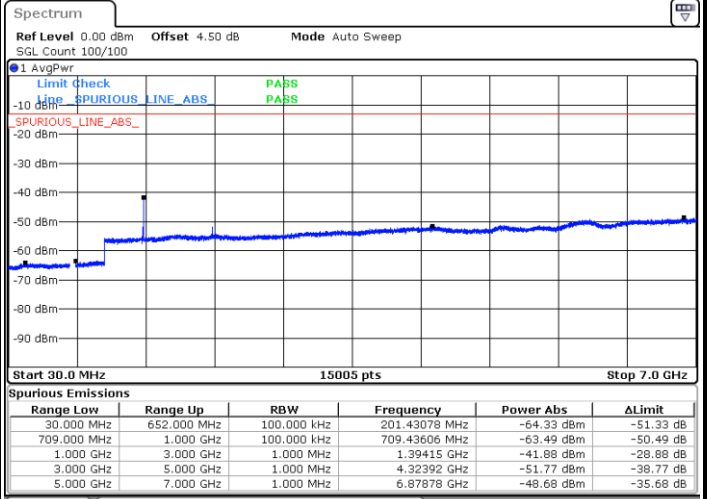
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

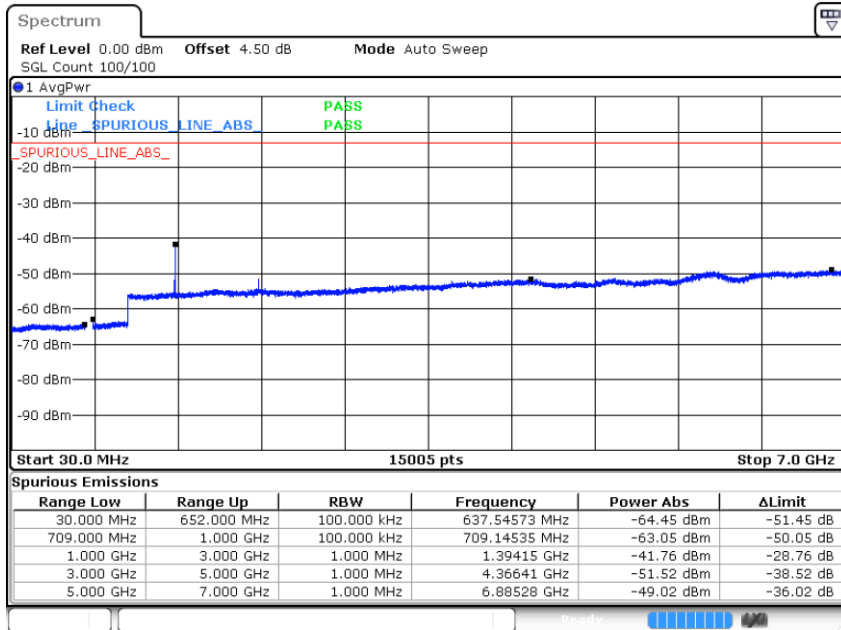


Date: 2 APR 2021 19:32:31



Date: 2 APR 2021 19:30:28

Highest Channel / QPSK



Date: 2 APR 2021 19:28:31



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0050	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 12 / 10MHz / QPSK								
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	1406	-65.66	-13	-52.66	-72.63	1.58	10.70	H
	2110	-60.48	-13	-47.48	-68.73	2.10	12.50	H
	2812	-58.32	-13	-45.32	-67.21	2.86	13.90	H
	3516	-58.99	-13	-45.99	-68.68	3.46	15.30	H
	1406	-64.50	-13	-51.50	-71.47	1.58	10.70	V
	2110	-59.27	-13	-46.27	-67.52	2.10	12.50	V
	2812	-57.97	-13	-44.97	-66.86	2.86	13.90	V
	3516	-59.21	-13	-46.21	-68.90	3.46	15.30	V

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

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	3741	-50.45	-13	-37.45	-62.71	2.64	14.90	H
	5613	-55.95	-13	-42.95	-67.81	2.94	14.80	H
	7488	-52.11	-13	-39.11	-61.88	3.39	13.16	H
	3741	-52.59	-13	-39.59	-64.85	2.64	14.90	V
	5613	-56.27	-13	-43.27	-68.13	2.94	14.80	V
	7488	-52.78	-13	-39.78	-62.55	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK								
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	1660	-64.67	-13	-51.67	-71.64	1.58	10.70	H
	2490	-59.81	-13	-46.81	-68.06	2.102	12.50	H
	3318	-59.84	-13	-46.84	-68.73	2.856	13.90	H
	1660	-63.43	-13	-50.43	-70.40	1.58	10.70	V
	2490	-57.95	-13	-44.95	-66.20	2.10	12.50	V
	3318	-59.62	-13	-46.62	-68.51	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	3471	-38.93	-13	-25.93	-49.67	2.604	13.34	H
	5208	-54.47	-13	-41.47	-64.98	3.011	13.52	H
	6948	-54.34	-13	-41.34	-64.54	3.271	13.47	H
	3471	-44.40	-13	-31.40	-55.14	2.604	13.34	V
	5208	-55.80	-13	-42.80	-66.31	3.011	13.52	V
	6948	-53.92	-13	-40.92	-64.12	3.271	13.47	V

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

LTE Band 71 / 20MHz / QPSK								
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	1344	-66.02	-13	-53.02	-67.77	1.02	4.92	H
	2014	-60.42	-13	-47.42	-62.39	1.27	5.39	H
	2686	-57.81	-13	-44.81	-60.74	1.49	6.57	H
	3360	-60.12	-13	-47.12	-63.52	1.73	7.28	H
	1344	-65.00	-13	-52.00	-66.75	1.02	4.92	V
	2014	-59.64	-13	-46.64	-61.61	1.27	5.39	V
	2686	-57.37	-13	-44.37	-60.30	1.49	6.57	V
	3360	-60.36	-13	-47.36	-63.76	1.73	7.28	V

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