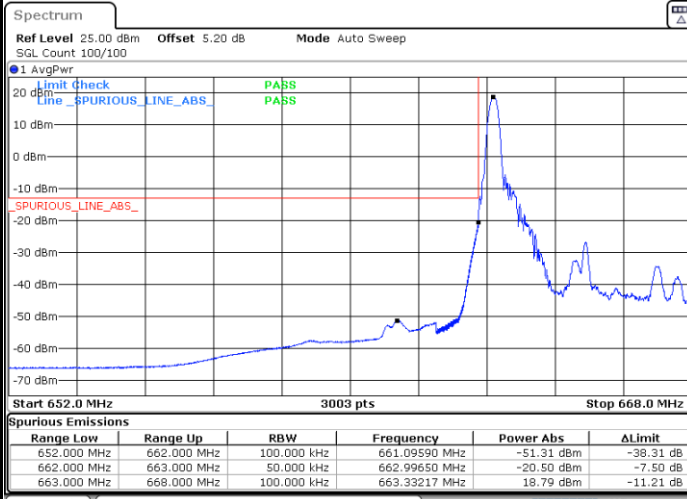




LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



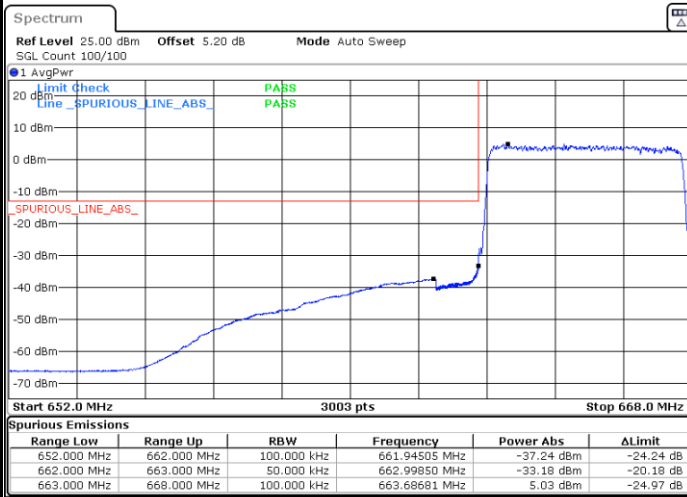
Date: 5.MAY.2023 03:31:19

Highest Band Edge / 1 RB



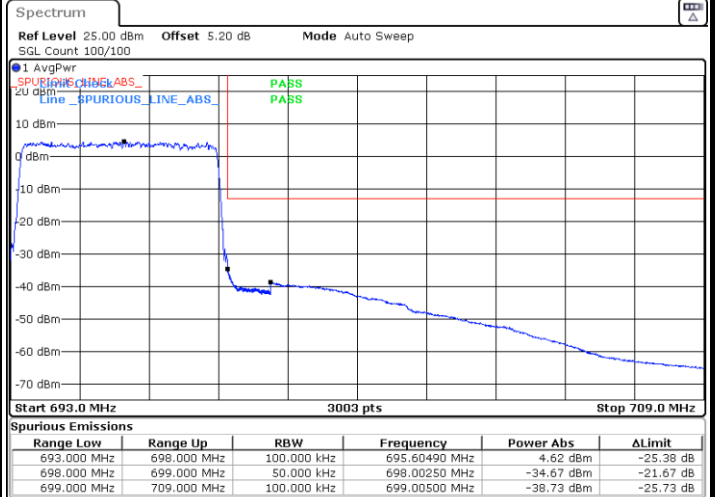
Date: 5.MAY.2023 04:01:08

Lowest Band Edge / Full RB



Date: 5.MAY.2023 03:36:39

Highest Band Edge / Full RB

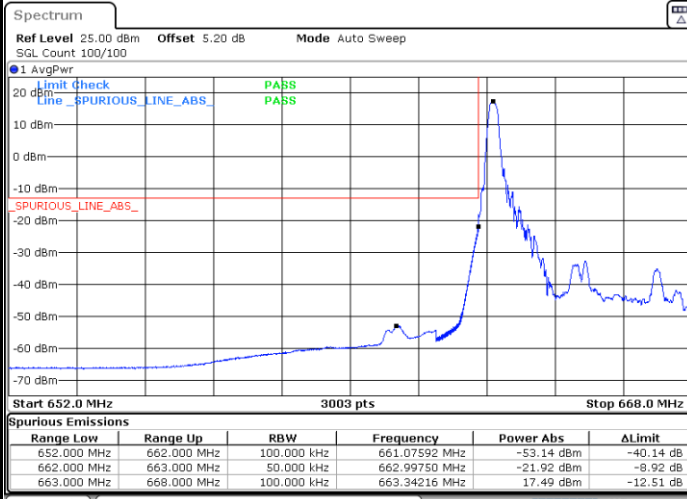


Date: 5.MAY.2023 04:06:28



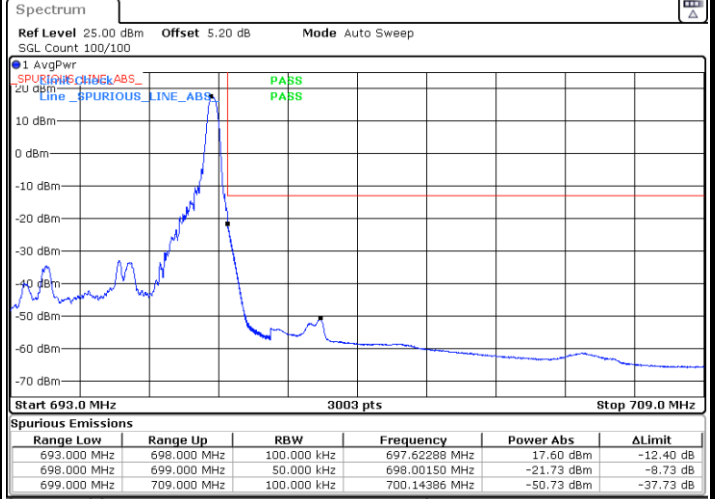
LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB



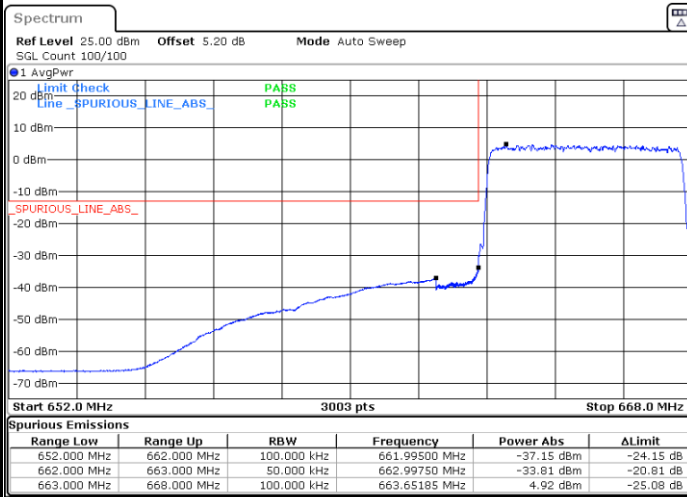
Date: 5.MAY.2023 03:32:39

Highest Band Edge / 1 RB



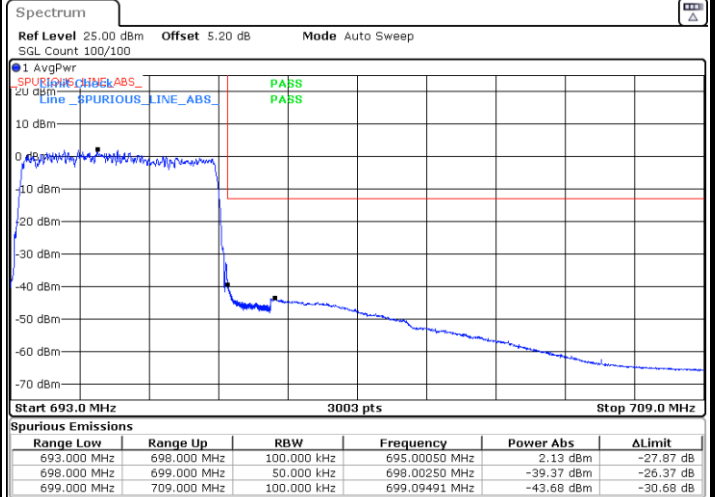
Date: 5.MAY.2023 04:02:28

Lowest Band Edge / Full RB



Date: 5.MAY.2023 03:37:59

Highest Band Edge / Full RB

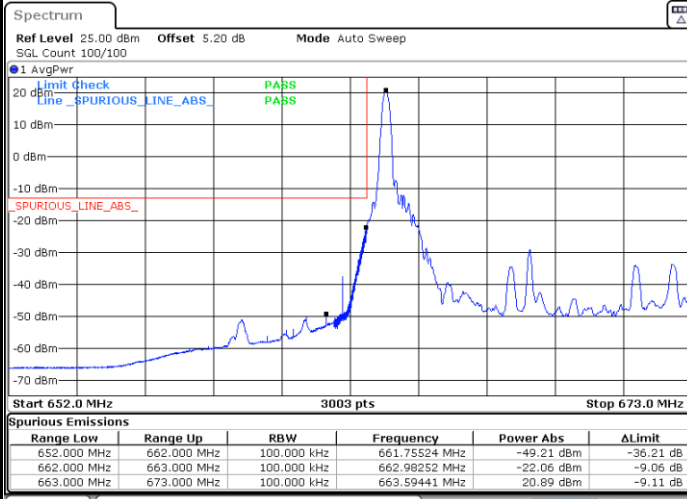


Date: 5.MAY.2023 04:07:48



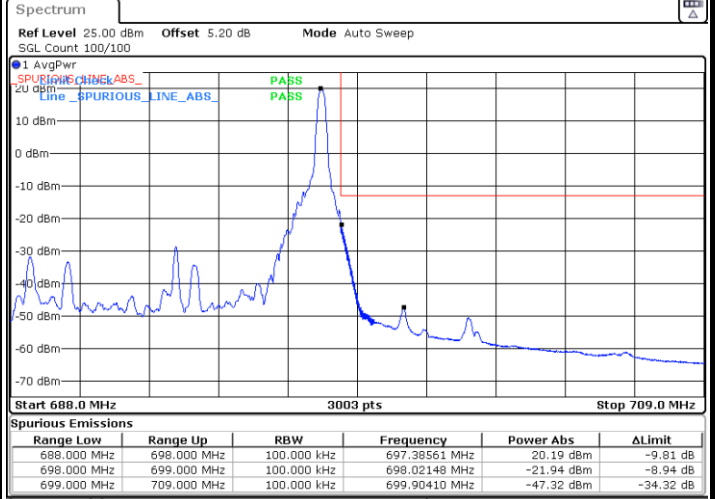
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



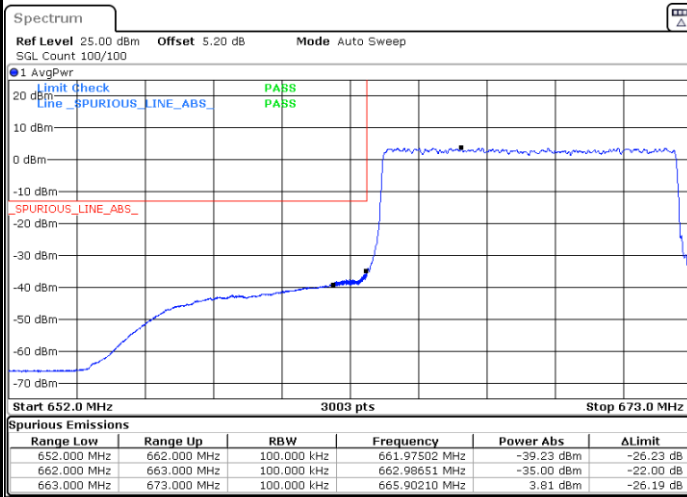
Date: 5.MAY.2023 04:26:07

Highest Band Edge / 1 RB



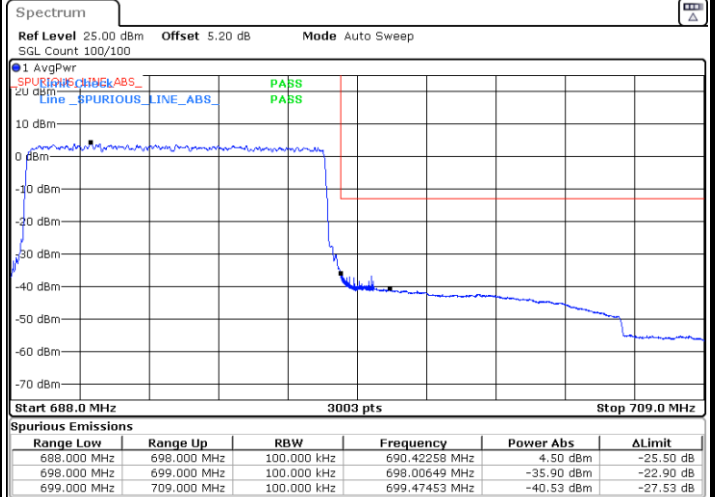
Date: 5.MAY.2023 04:33:35

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:09:37

Highest Band Edge / Full RB

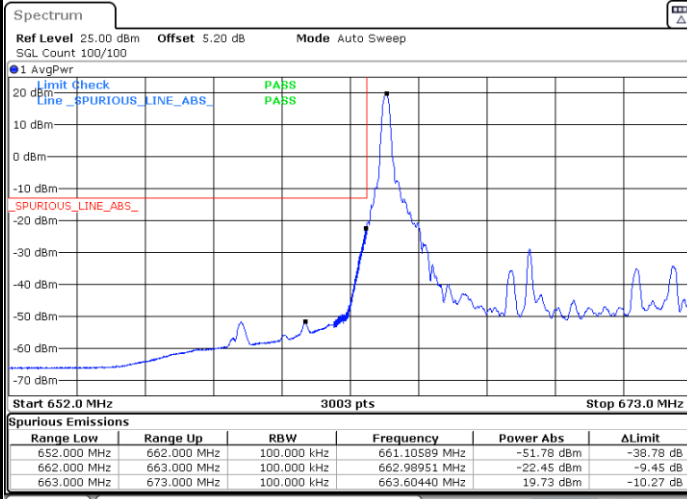


Date: 5.MAY.2023 04:32:45



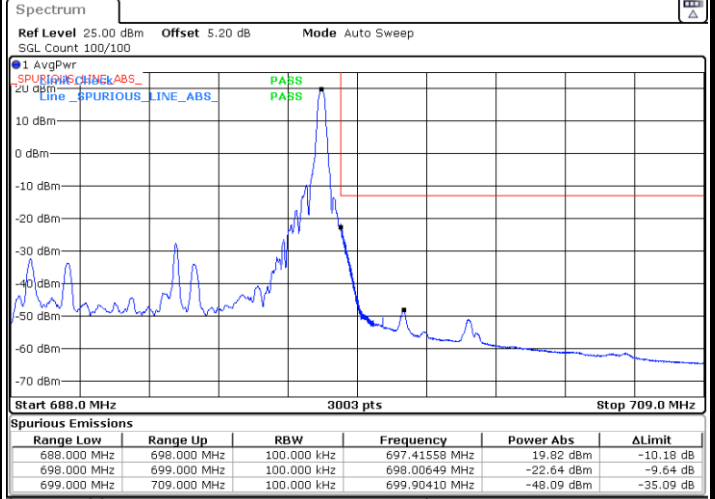
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



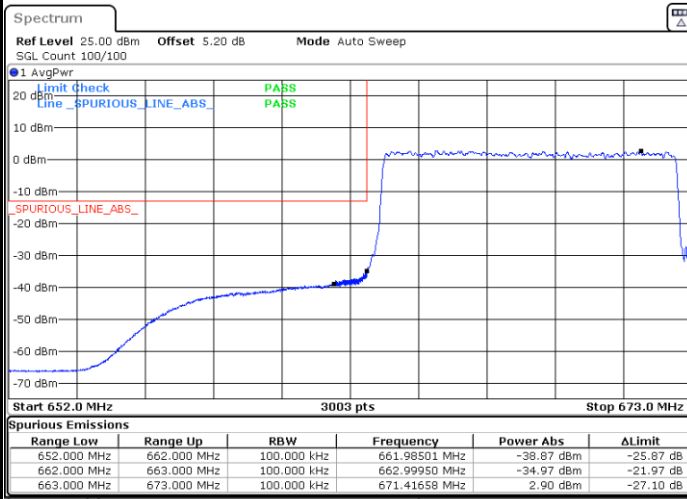
Date: 5.MAY.2023 04:26:55

Highest Band Edge / 1 RB



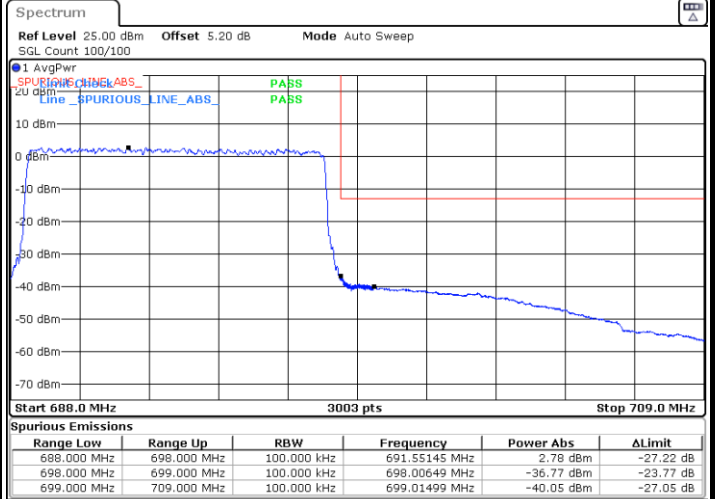
Date: 5.MAY.2023 04:34:29

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:10:58

Highest Band Edge / Full RB

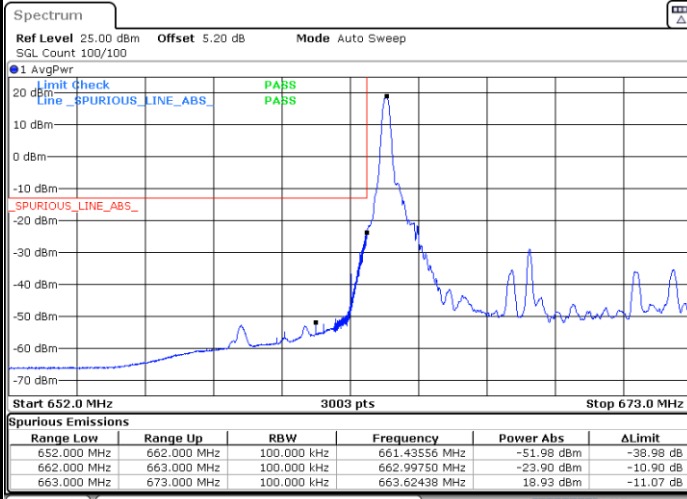


Date: 5.MAY.2023 04:31:57



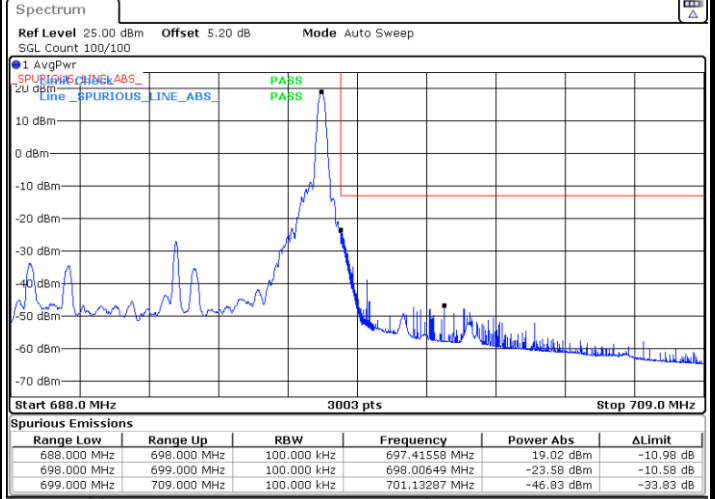
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



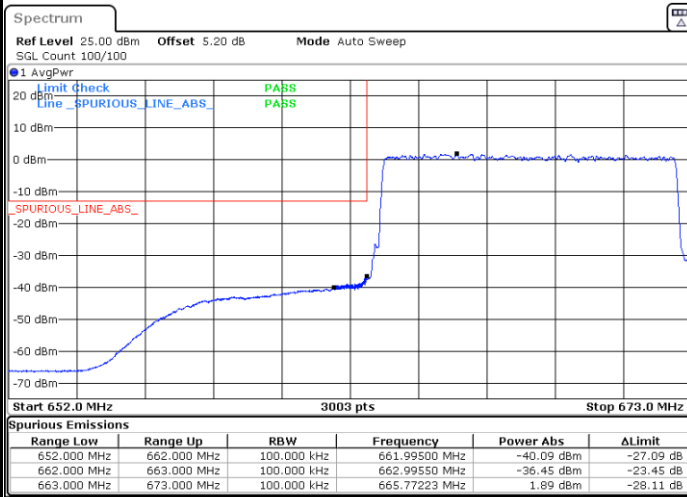
Date: 5.MAY.2023 04:28:13

Highest Band Edge / 1 RB



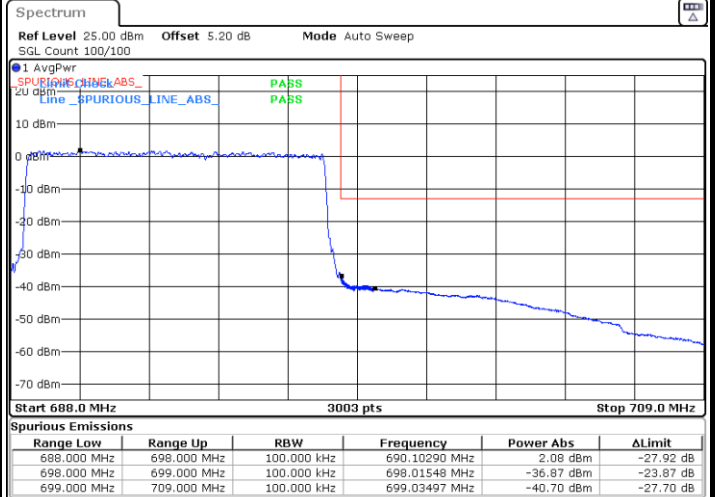
Date: 5.MAY.2023 04:35:23

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:12:18

Highest Band Edge / Full RB

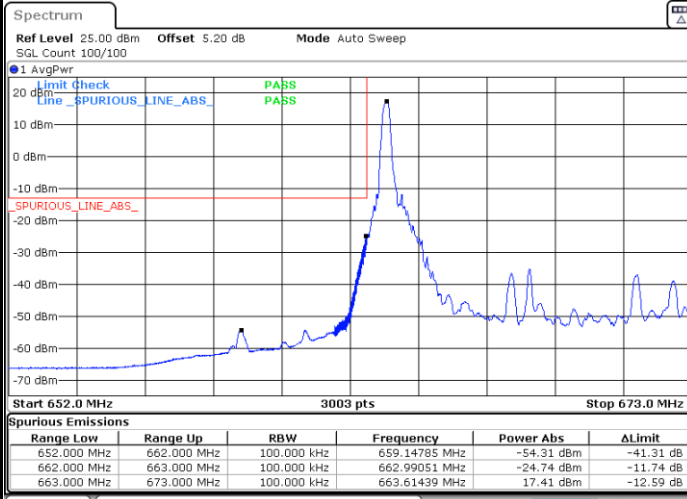


Date: 5.MAY.2023 04:31:04



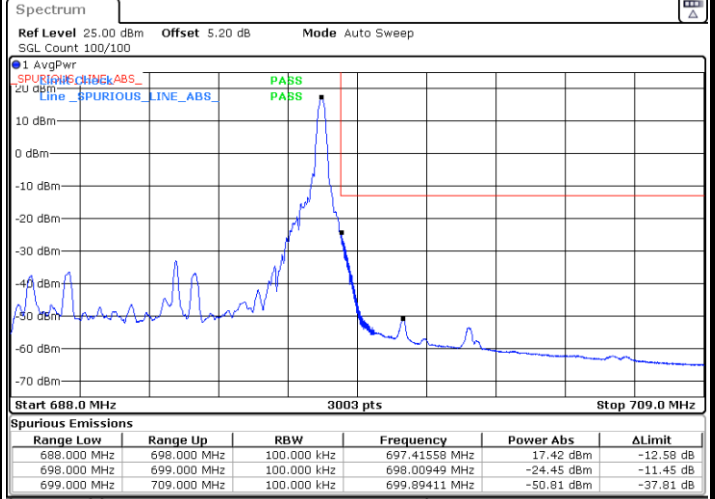
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



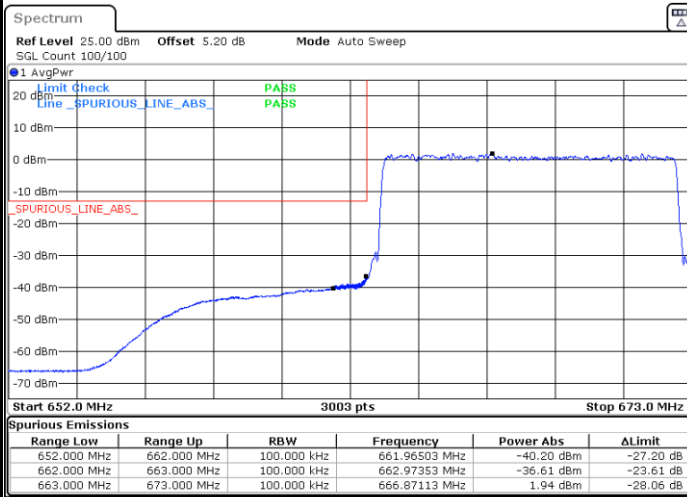
Date: 5.MAY.2023 04:28:59

Highest Band Edge / 1 RB



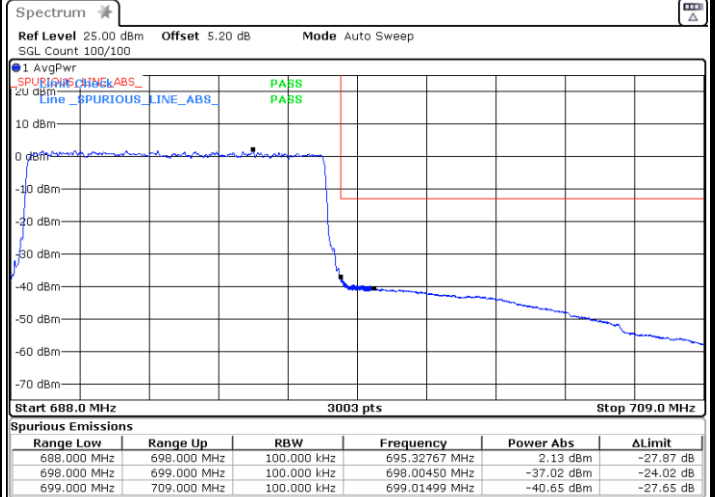
Date: 5.MAY.2023 04:36:13

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:16:07

Highest Band Edge / Full RB

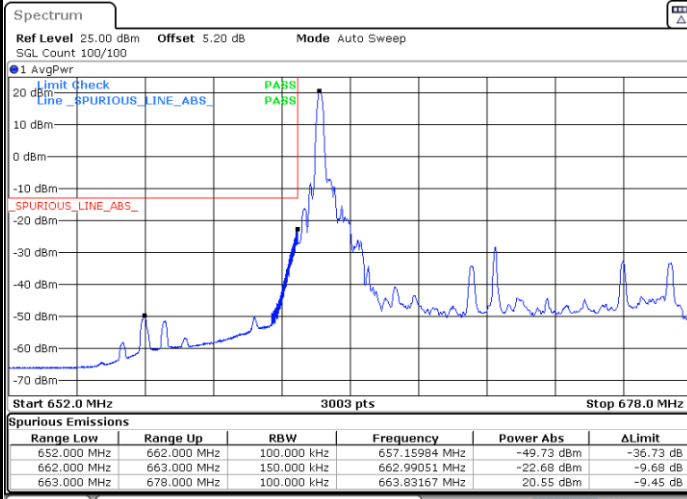


Date: 5.MAY.2023 04:29:59



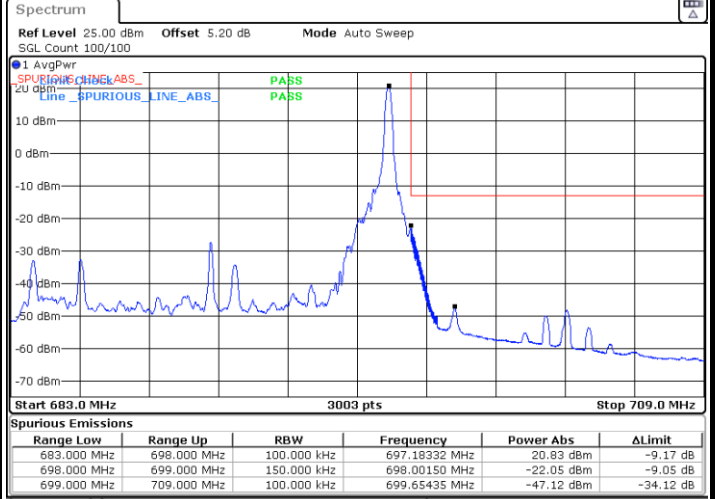
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



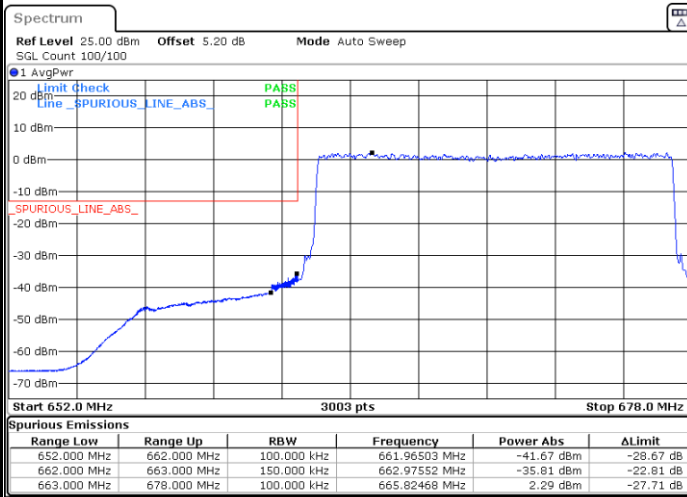
Date: 5.MAY.2023 04:48:44

Highest Band Edge / 1 RB



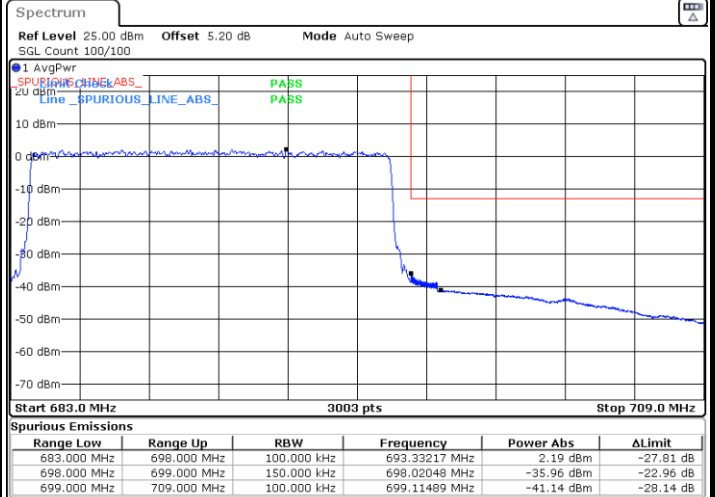
Date: 5.MAY.2023 04:52:18

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:43:11

Highest Band Edge / Full RB

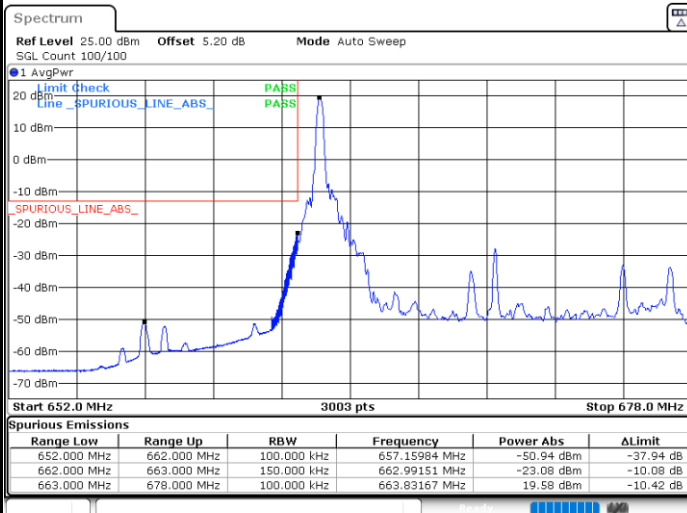


Date: 5.MAY.2023 04:58:09



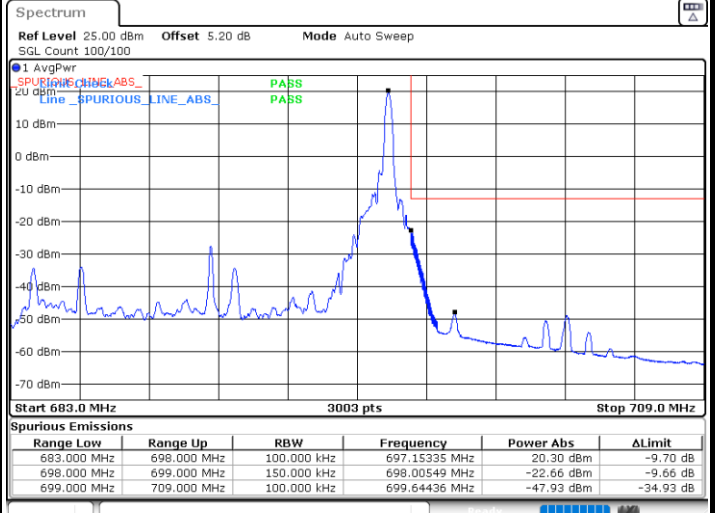
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



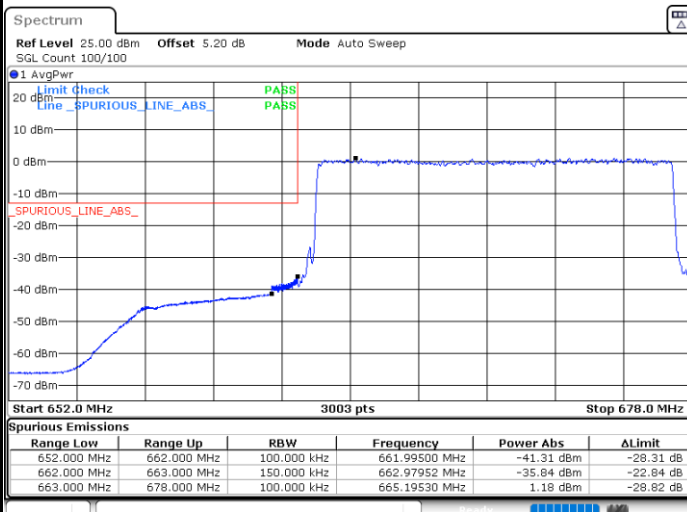
Date: 5.MAY.2023 04:47:58

Highest Band Edge / 1 RB



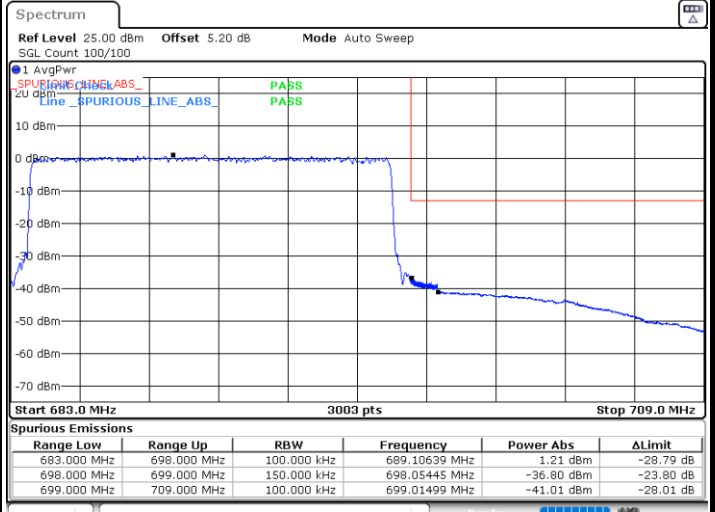
Date: 5.MAY.2023 04:53:10

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:43:58

Highest Band Edge / Full RB



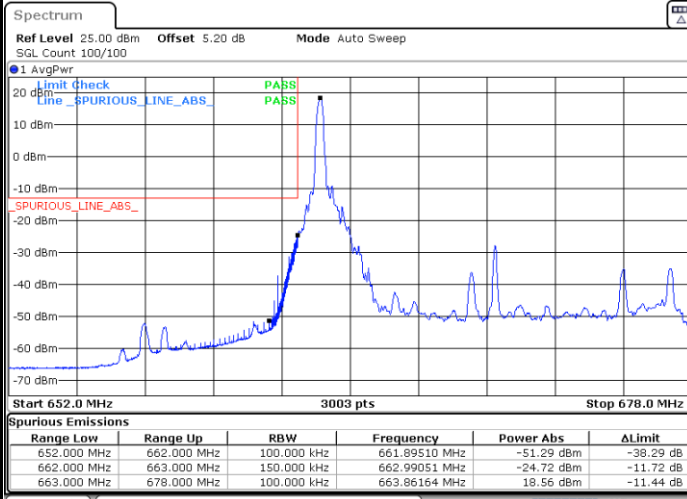
Date: 5.MAY.2023 04:57:22





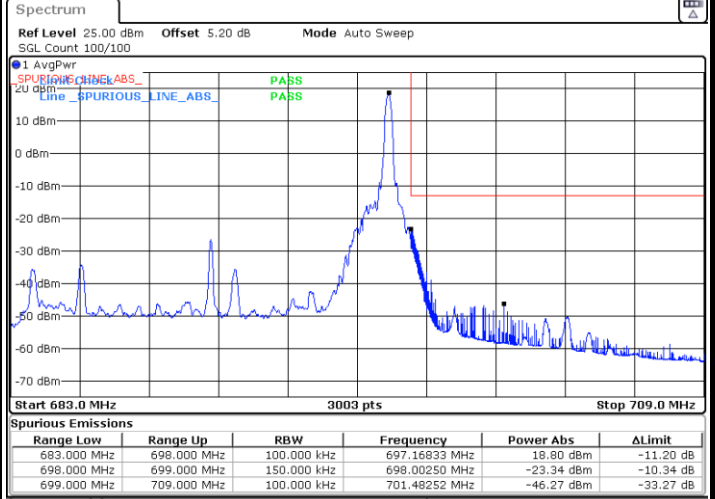
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



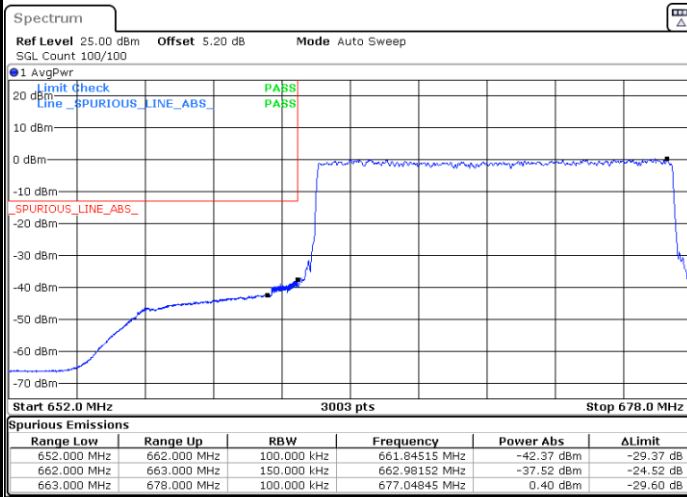
Date: 5.MAY.2023 04:47:07

Highest Band Edge / 1 RB



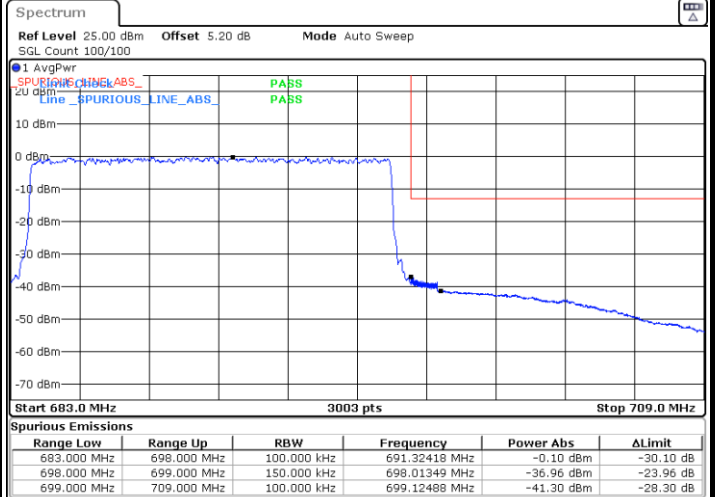
Date: 5.MAY.2023 04:53:58

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:44:44

Highest Band Edge / Full RB

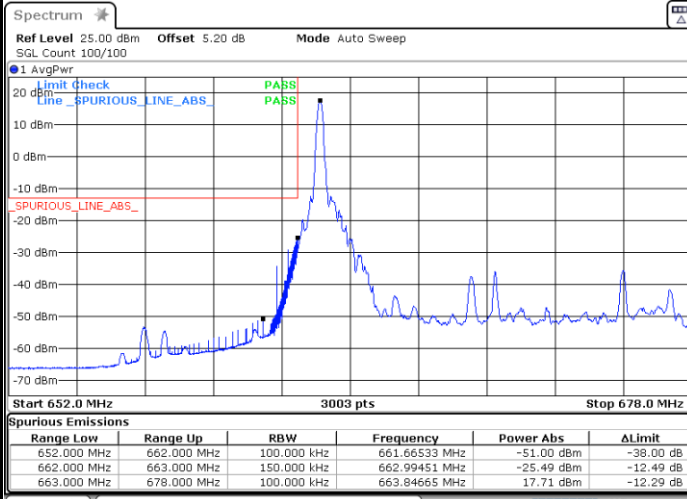


Date: 5.MAY.2023 04:56:33



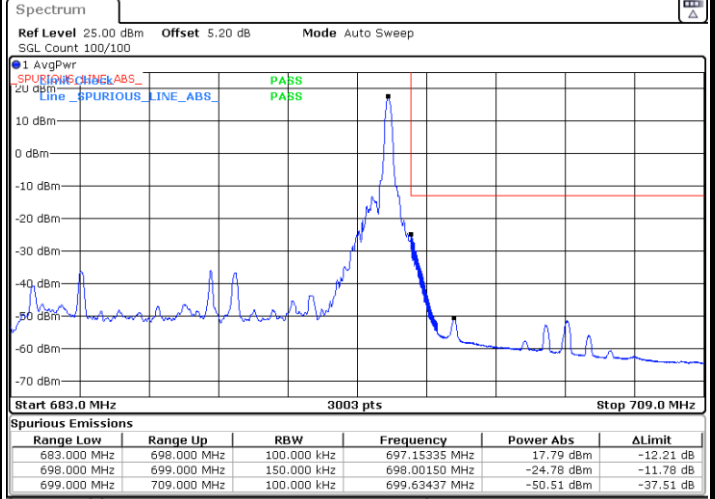
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



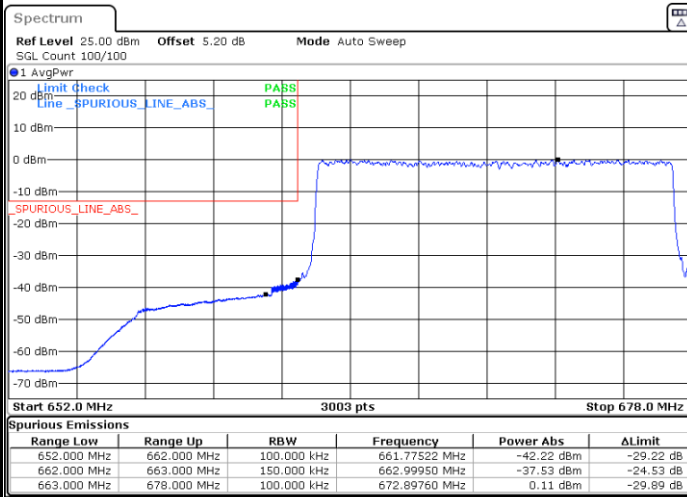
Date: 5.MAY.2023 04:46:21

Highest Band Edge / 1 RB



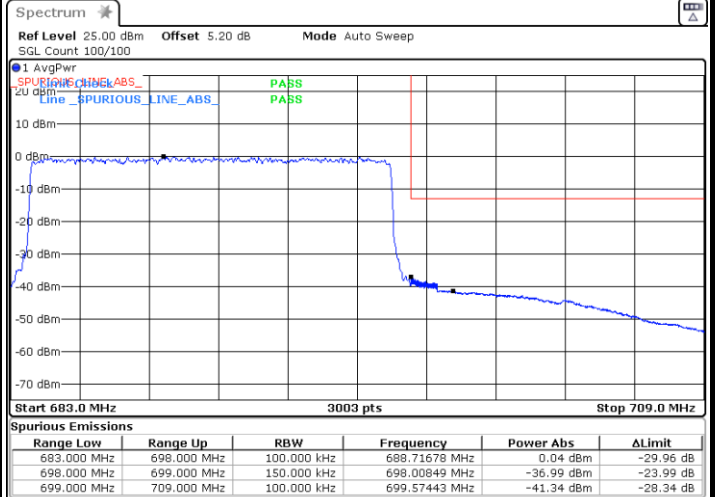
Date: 5.MAY.2023 04:54:45

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:45:29

Highest Band Edge / Full RB

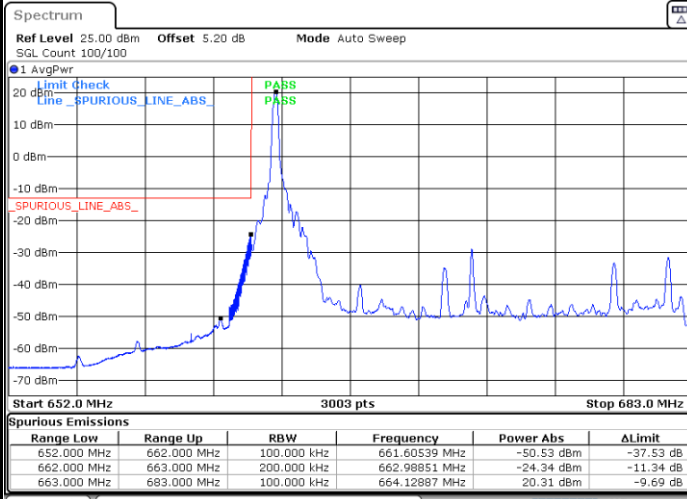


Date: 5.MAY.2023 04:55:45



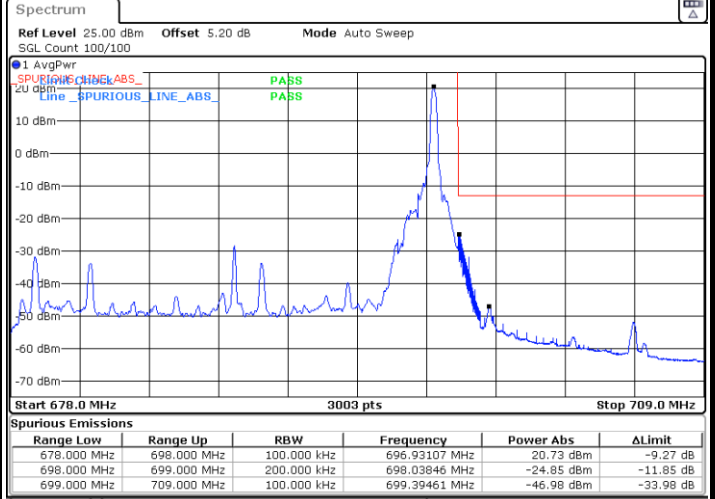
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



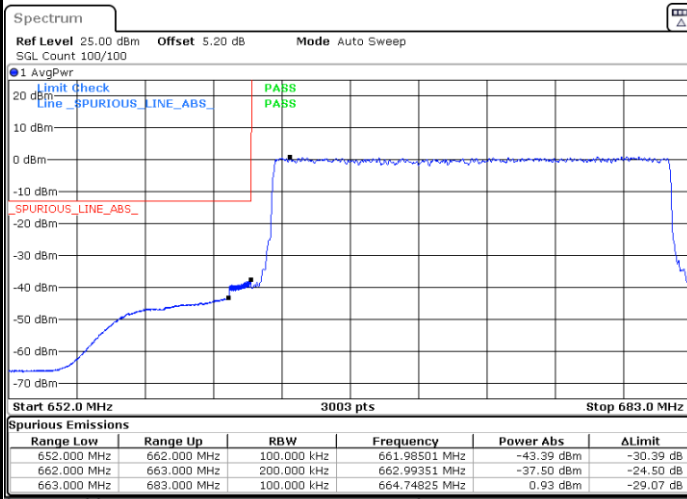
Date: 5.MAY.2023 05:03:58

Highest Band Edge / 1 RB



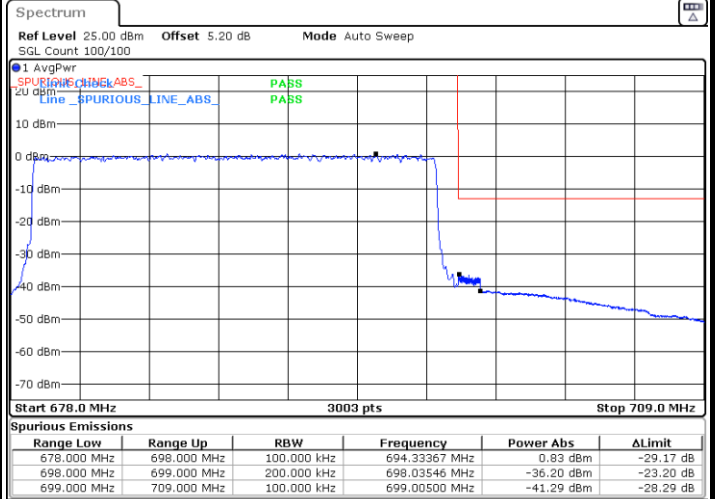
Date: 5.MAY.2023 05:11:55

Lowest Band Edge / Full RB



Date: 5.MAY.2023 04:59:56

Highest Band Edge / Full RB

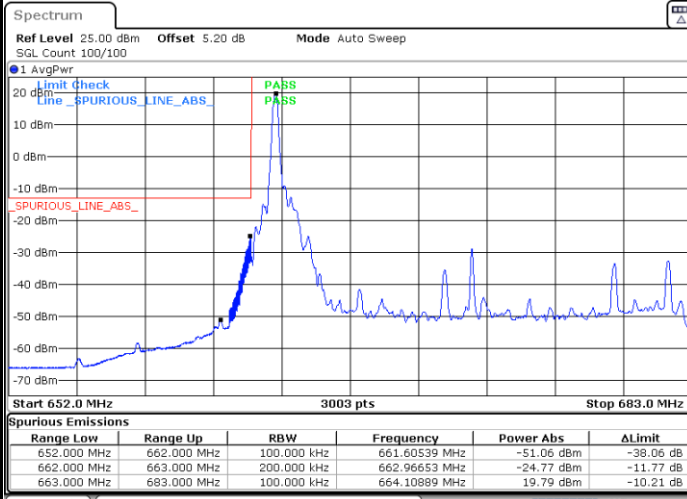


Date: 5.MAY.2023 05:15:56



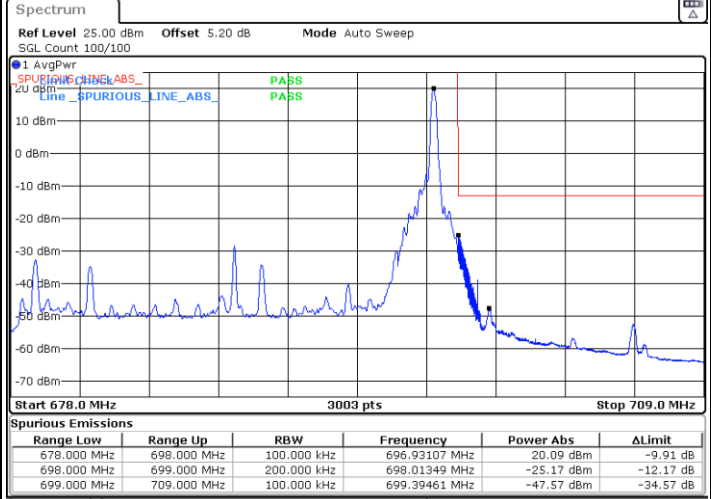
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge /1 RB



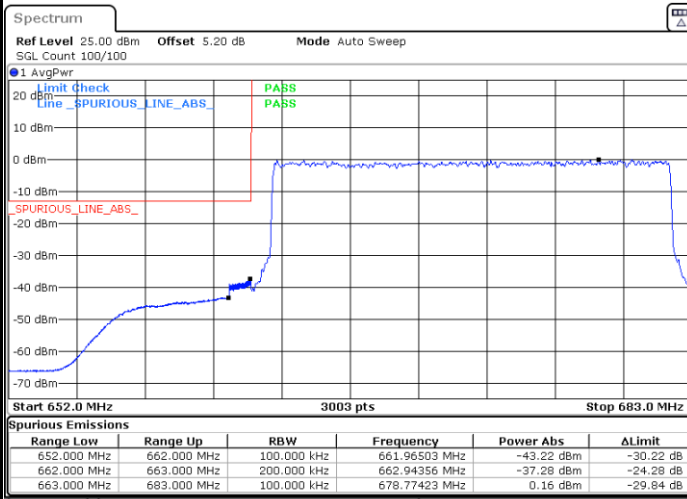
Date: 5.MAY.2023 05:04:59

Highest Band Edge / 1RB



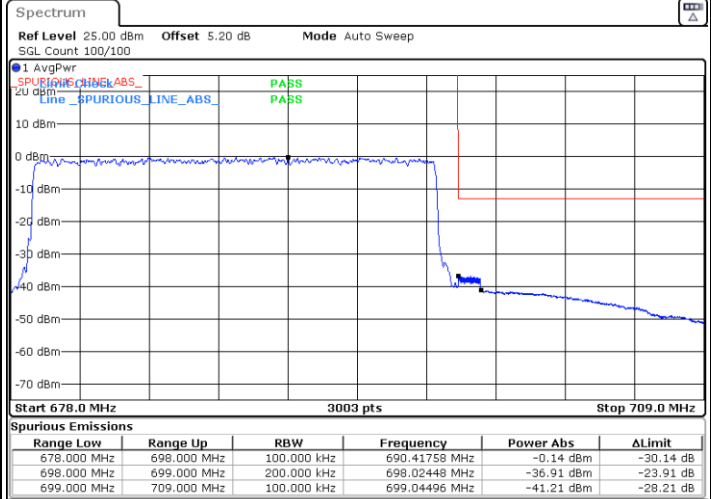
Date: 5.MAY.2023 05:12:55

Lowest Band Edge / Full RB



Date: 5.MAY.2023 05:00:58

Highest Band Edge / Full RB

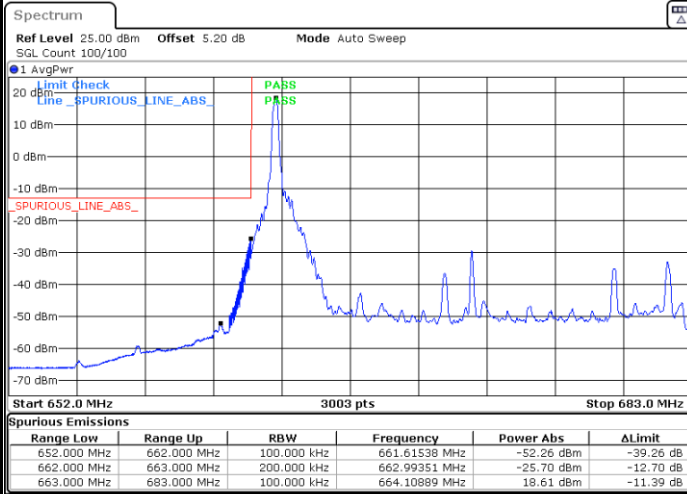


Date: 5.MAY.2023 05:16:56



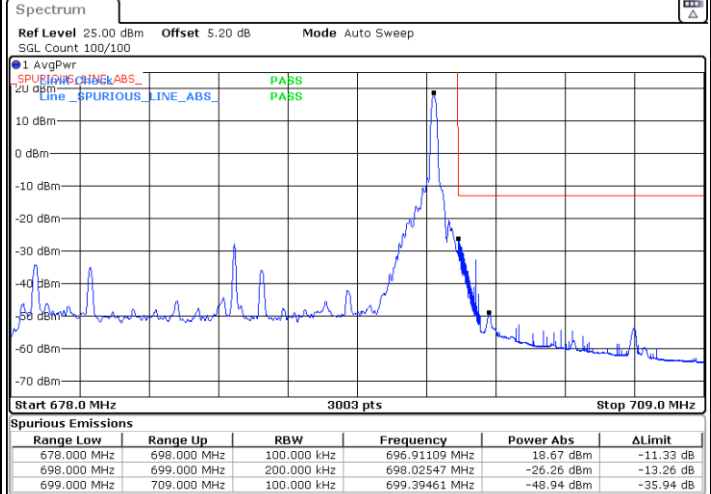
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



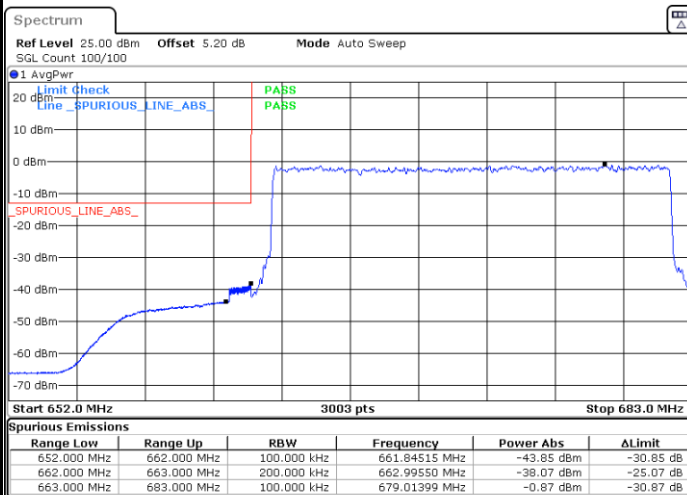
Date: 5.MAY.2023 05:05:59

Highest Band Edge / 1 RB



Date: 5.MAY.2023 05:13:56

Lowest Band Edge / Full RB



Date: 5.MAY.2023 05:01:58

Highest Band Edge / Full RB

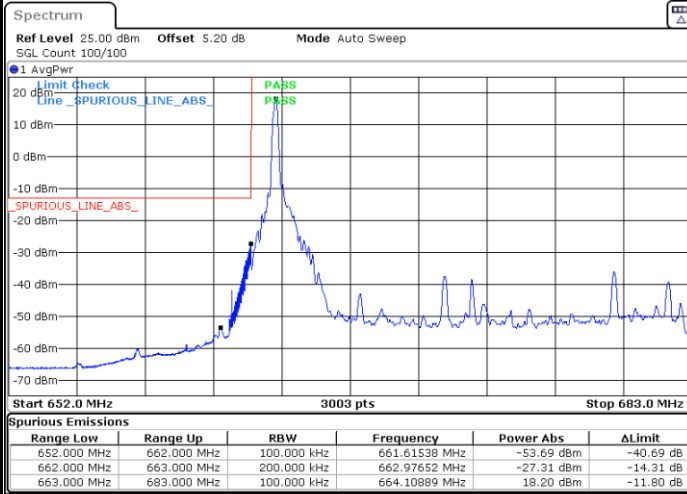


Date: 5.MAY.2023 05:17:56



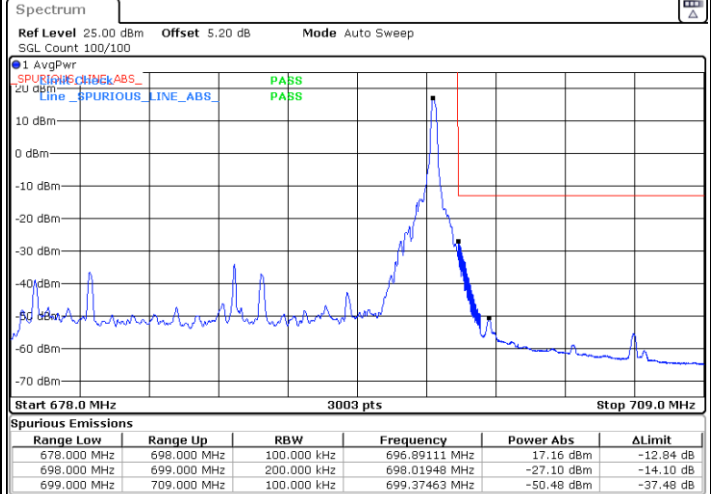
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



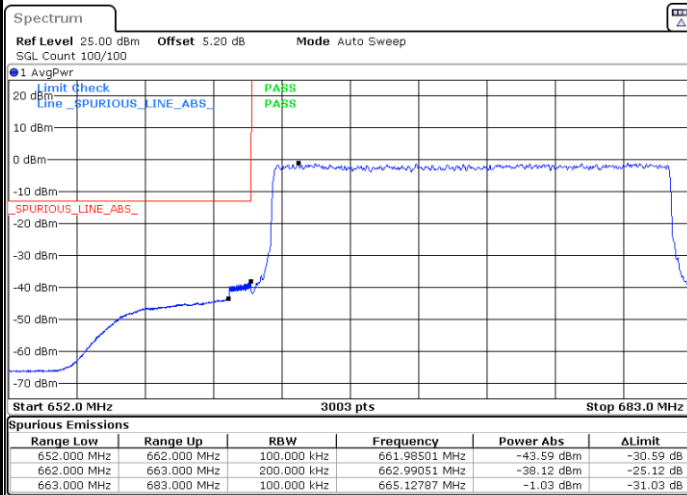
Date: 5.MAY.2023 05:06:59

Highest Band Edge / 1 RB



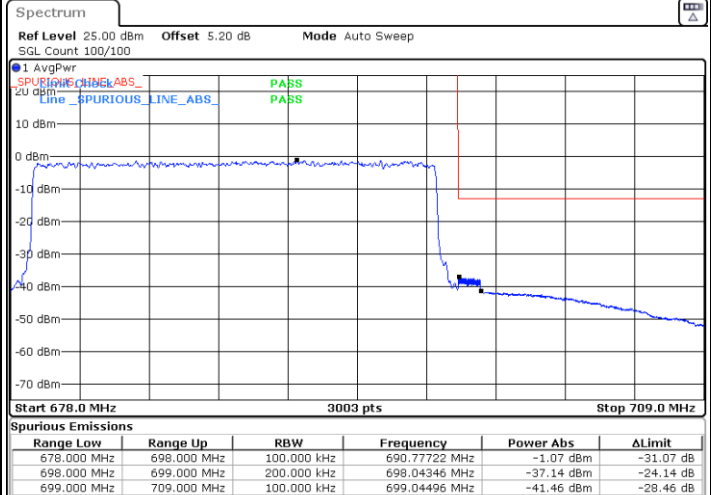
Date: 5.MAY.2023 05:14:56

Lowest Band Edge / Full RB



Date: 5.MAY.2023 05:02:58

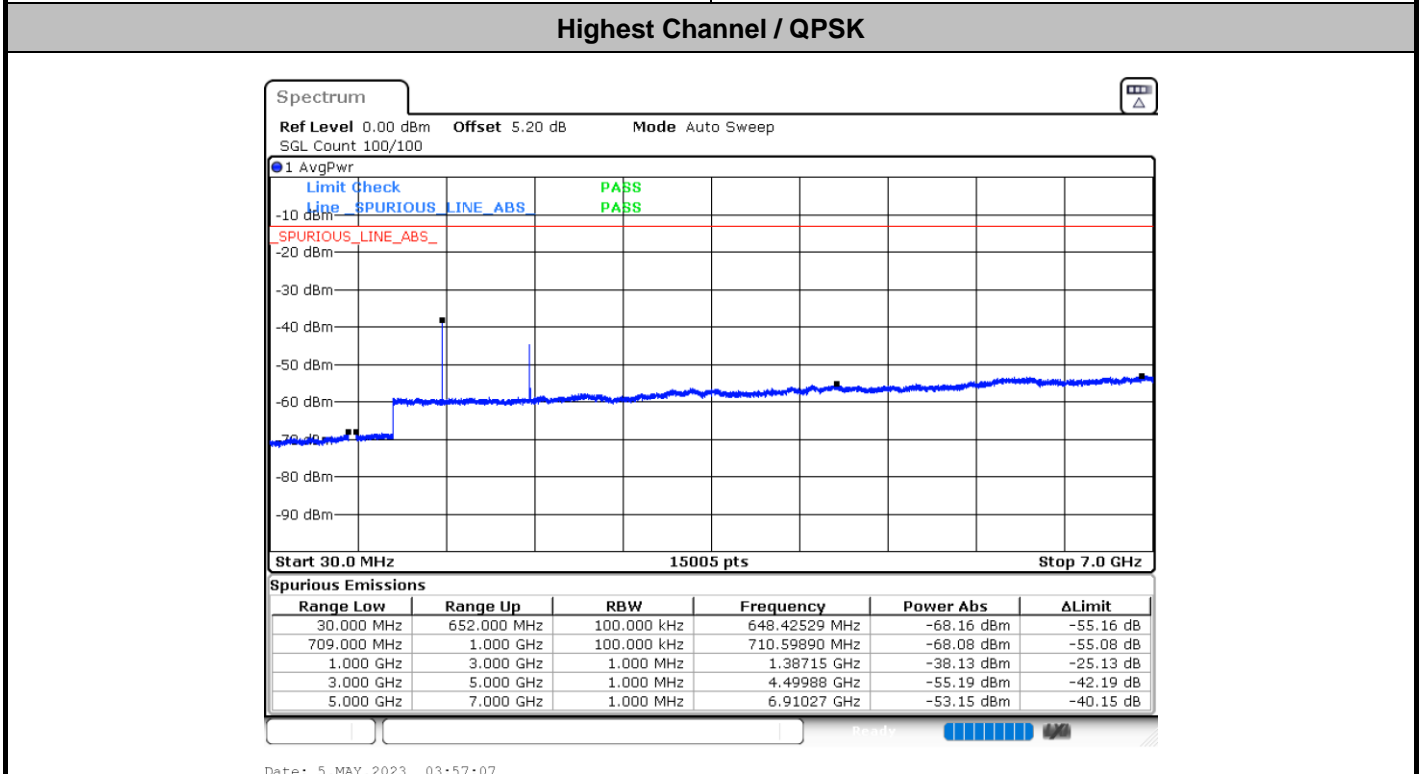
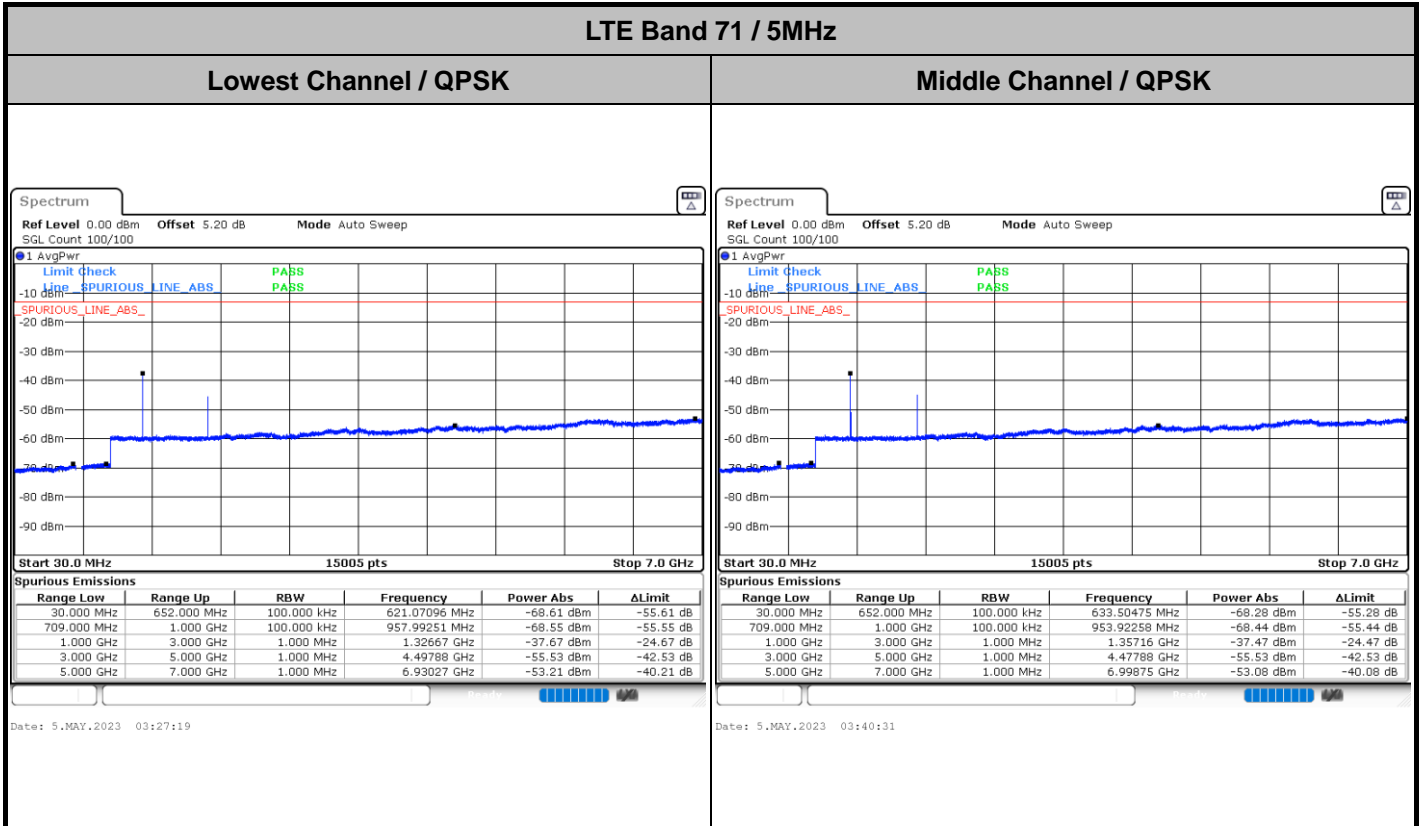
Highest Band Edge / Full RB



Date: 5.MAY.2023 05:18:57



### A5.5 Conducted Spurious Emission

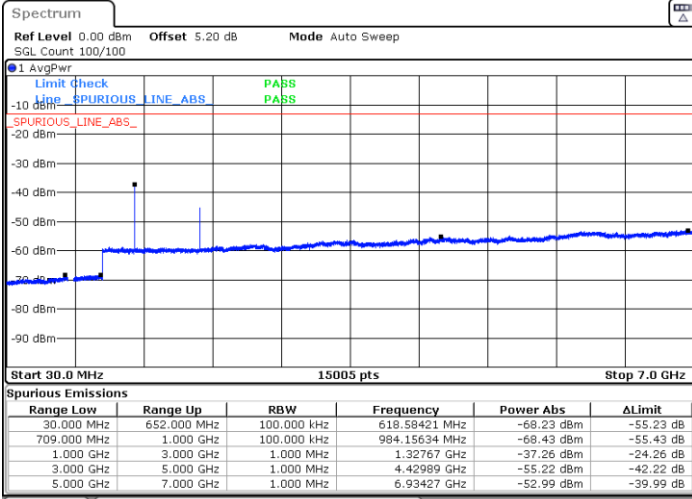




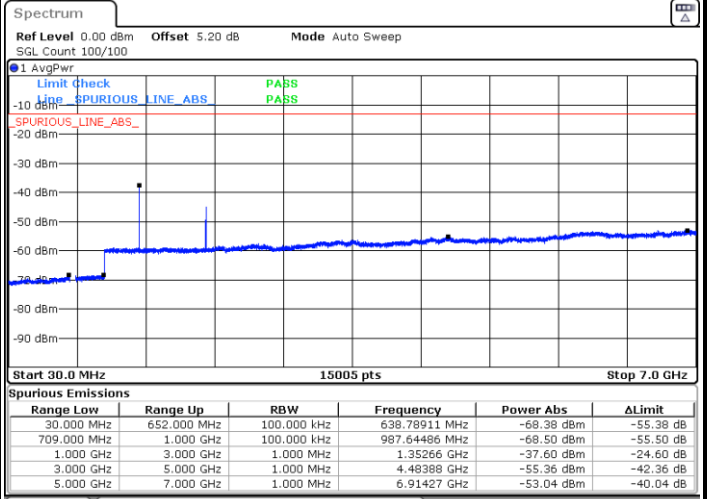
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

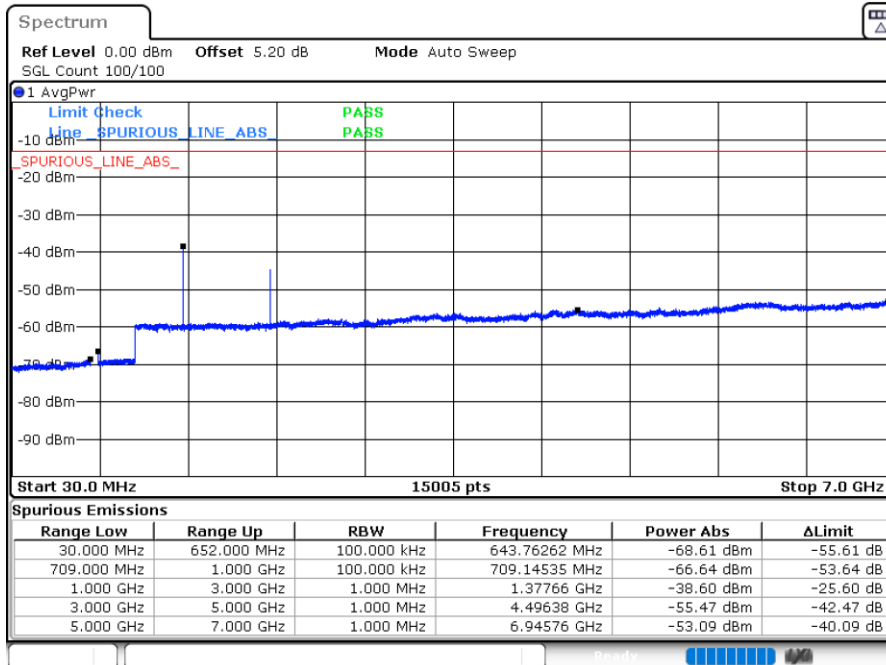


Date: 5.MAY.2023 04:25:14



Date: 5.MAY.2023 04:23:52

Highest Channel / QPSK



Date: 5.MAY.2023 04:37:55

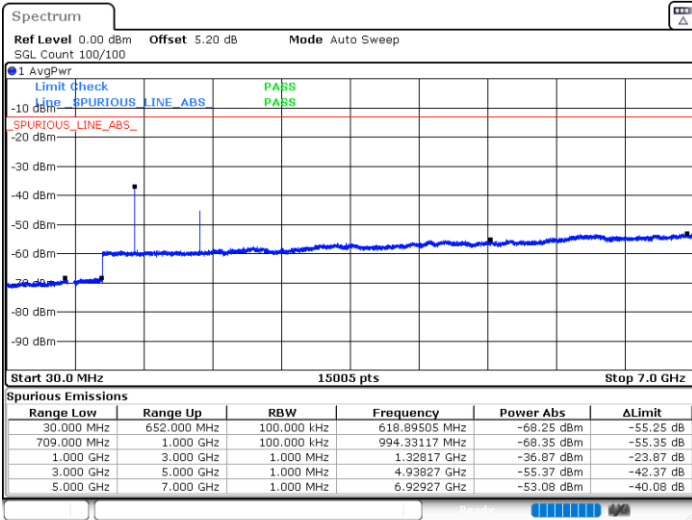




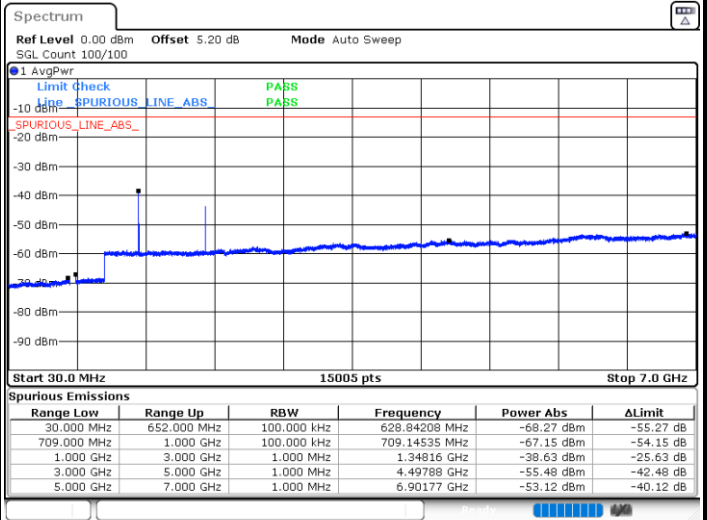
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

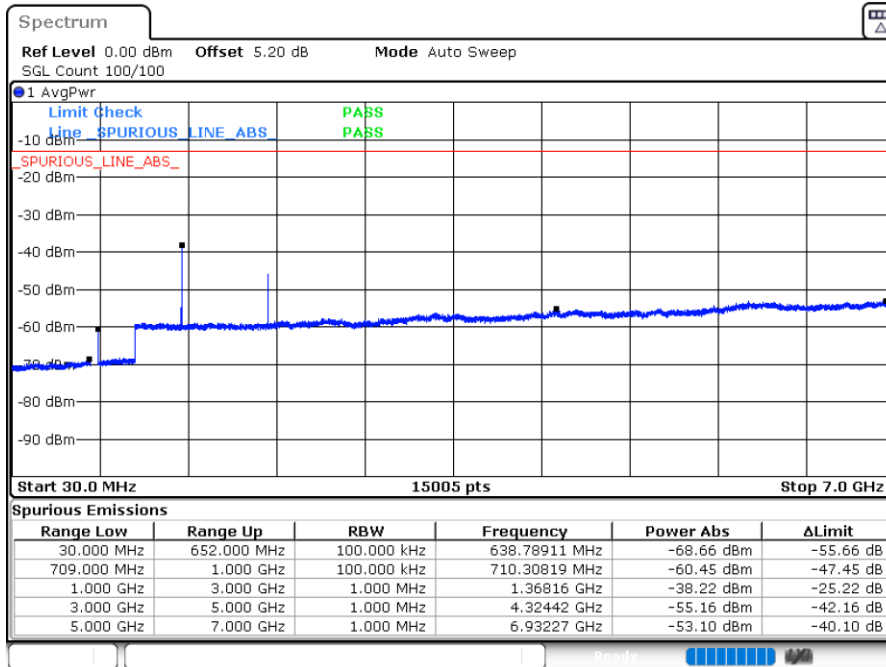


Date: 5.MAY.2023 04:50:05



Date: 5.MAY.2023 04:39:32

Highest Channel / QPSK



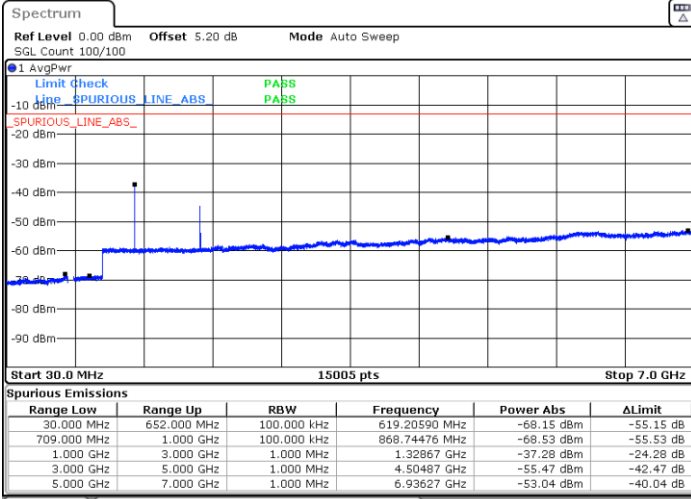
Date: 5.MAY.2023 04:51:29



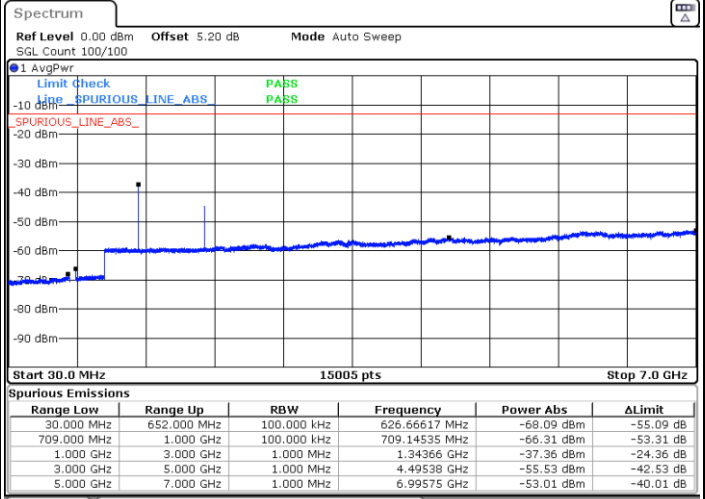
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

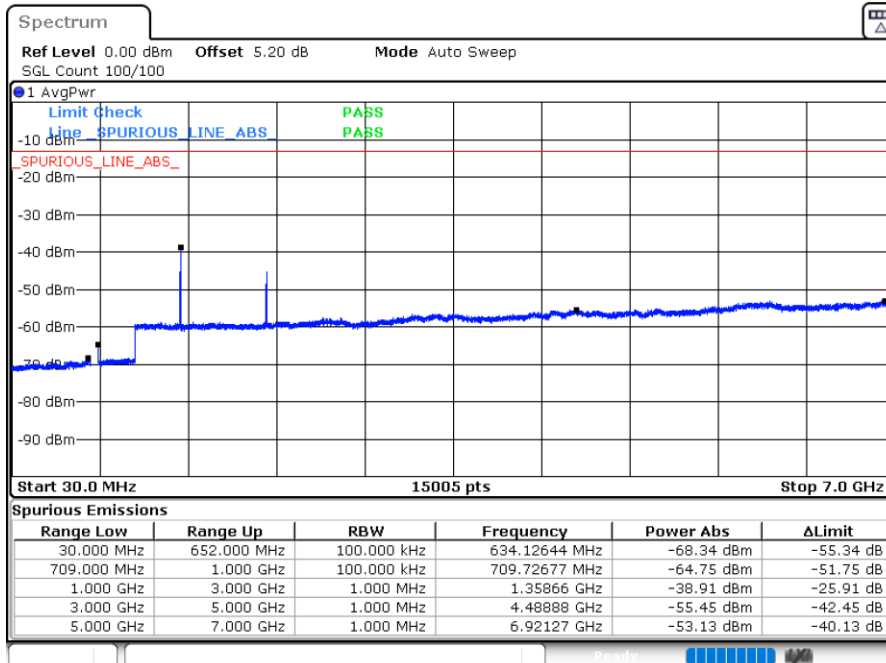


Date: 5.MAY.2023 05:08:18



Date: 5.MAY.2023 05:09:37

Highest Channel / QPSK



Date: 5.MAY.2023 05:10:55



### A5.6 Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0048	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0058	
20	Minimum Voltage	0.0045	

**Note:**

1. Normal Voltage =54 V. ; Minimum Voltage =48 V. ; Maximum Voltage =57 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 :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 25 / 20MHz / QPSK / ANTO								
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	3750	-57.68	-13	-44.68	-69.94	2.64	14.90	H
	5625	-35.47	-13	-22.47	-47.33	2.94	14.80	H
	7500	-41.32	-13	-28.32	-51.09	3.39	13.16	H
	9375	-47.40	-13	-34.40	-56.52	5.57	14.69	H
	3750	-58.51	-13	-45.51	-70.77	2.64	14.90	V
	5625	-42.62	-13	-29.62	-54.48	2.94	14.80	V
	7500	-44.14	-13	-31.14	-53.91	3.39	13.16	V
	9375	-50.36	-13	-37.36	-59.48	5.57	14.69	V

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

LTE Band 26 / 15MHz / QPSK / ANT4								
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	-34.19	-13	-21.19	-41.16	1.58	10.70	H
	2488	-54.53	-13	-41.53	-62.78	2.102	12.50	H
	3320	-52.34	-13	-39.34	-61.23	2.856	13.90	H
	4152	-52.38	-13	-39.38	-59.97	3.406	13.15	H
	1656	-38.66	-13	-25.66	-45.63	1.58	10.70	V
	2488	-55.06	-13	-42.06	-63.31	2.10	12.50	V
	3320	-53.20	-13	-40.20	-62.09	2.86	13.90	V
	4152	-49.68	-13	-36.68	-57.27	3.41	13.15	V

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



LTE Band 66 / 20MHz / QPSK / ANT0								
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	3465	-54.14	-13	-41.14	-64.88	2.604	13.34	H
	5205	-51.64	-13	-38.64	-62.15	3.011	13.52	H
	6945	-51.34	-13	-38.34	-61.54	3.271	13.47	H
	3465	-55.49	-13	-42.49	-66.23	2.604	13.34	V
	5205	-53.52	-13	-40.52	-64.03	3.011	13.52	V
	6945	-52.99	-13	-39.99	-63.19	3.271	13.47	V

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

LTE Band 71 / 20MHz / QPSK / ANT4								
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	-38.96	-13	-25.96	-40.71	1.02	4.92	H
	2024	-45.88	-13	-32.88	-47.85	1.27	5.39	H
	2696	-50.32	-13	-37.32	-53.25	1.49	6.57	H
	3368	-51.57	-13	-38.57	-54.50	1.49	6.57	H
	1344	-41.77	-13	-28.77	-43.52	1.02	4.92	V
	2024	-45.47	-13	-32.47	-47.44	1.27	5.39	V
	2696	-50.56	-13	-37.56	-53.49	1.49	6.57	V
	3368	-54.57	-13	-41.57	-57.50	1.49	6.57	V

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