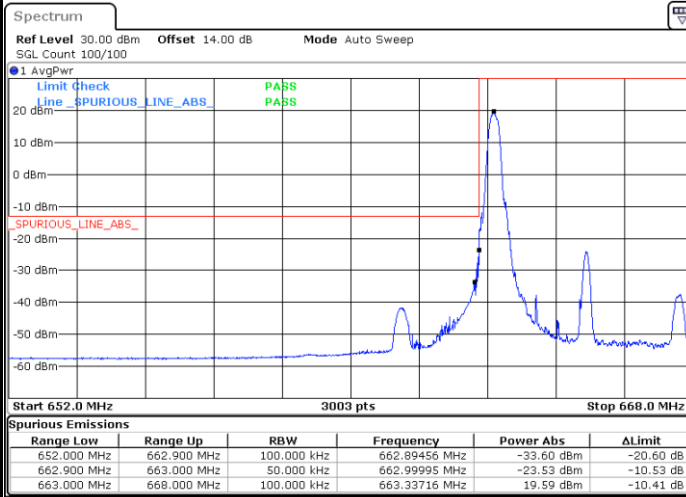




LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



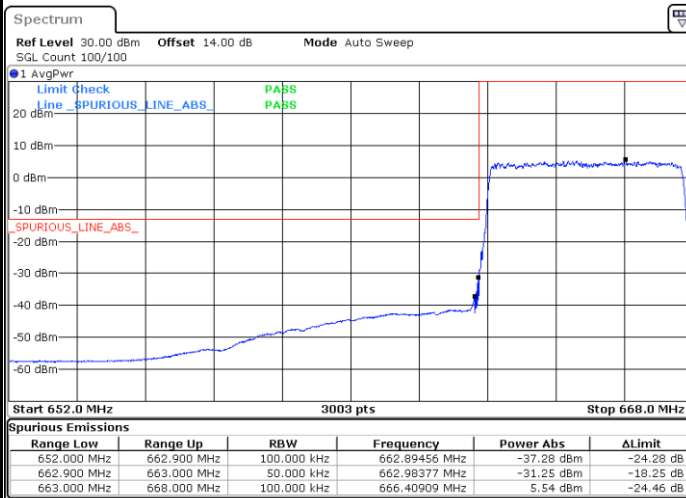
Date: 28.SEP.2023 15:10:20

Highest Band Edge / 1 RB



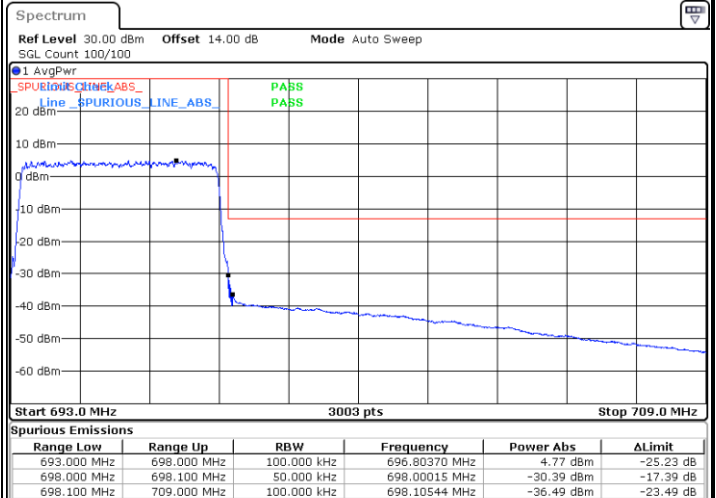
Date: 28.SEP.2023 15:19:20

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:12:55

Highest Band Edge / Full RB

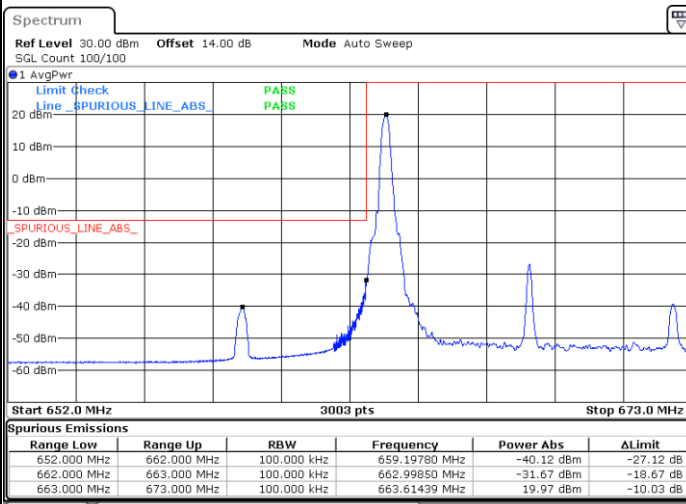


Date: 28.SEP.2023 15:21:55



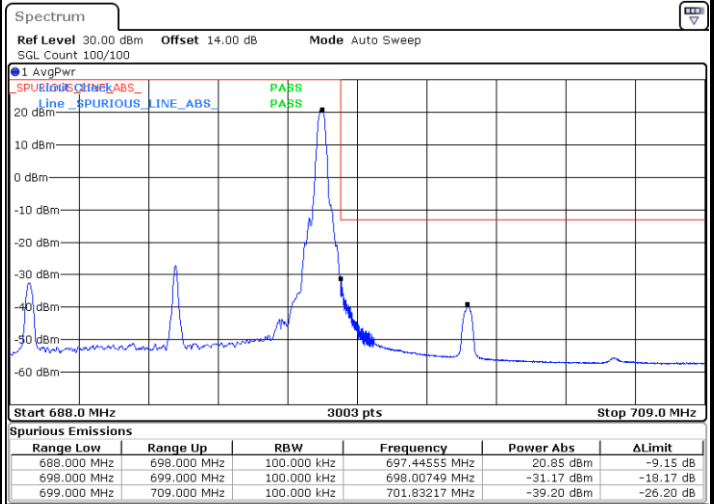
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



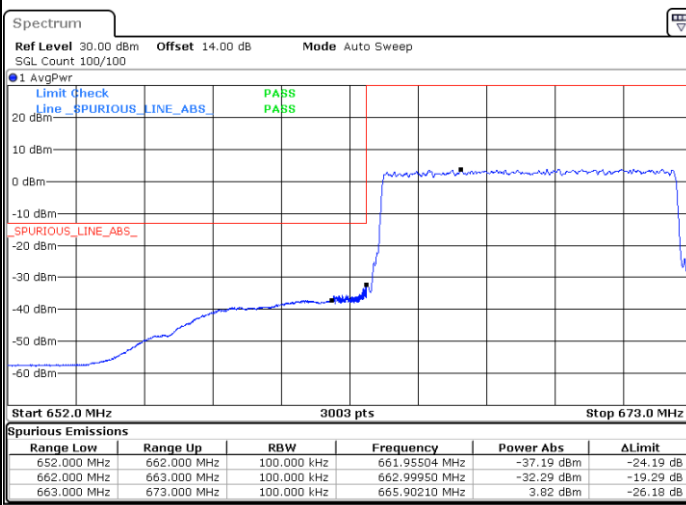
Date: 28.SEP.2023 15:24:04

Highest Band Edge / 1 RB



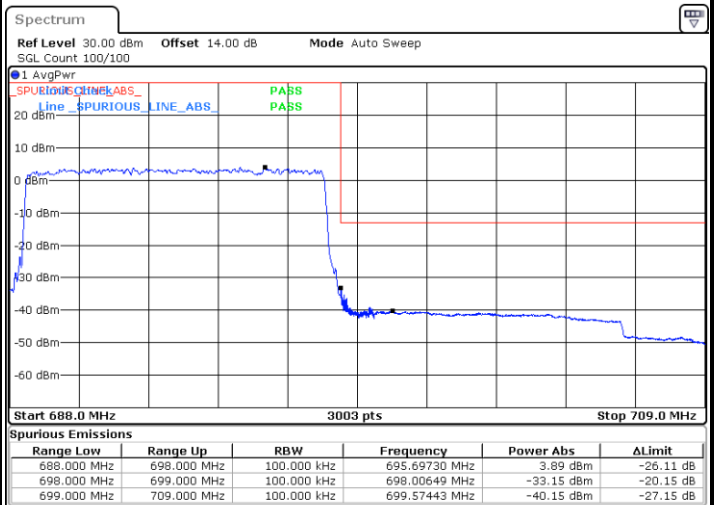
Date: 28.SEP.2023 15:33:04

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:26:38

Highest Band Edge / Full RB

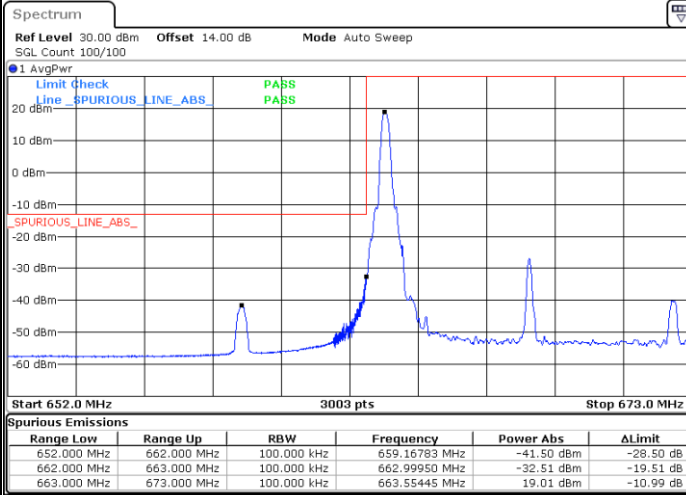


Date: 28.SEP.2023 15:35:38



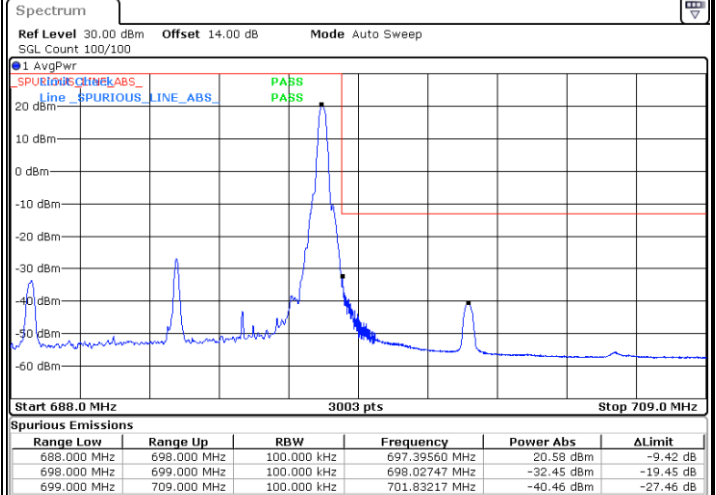
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1RB



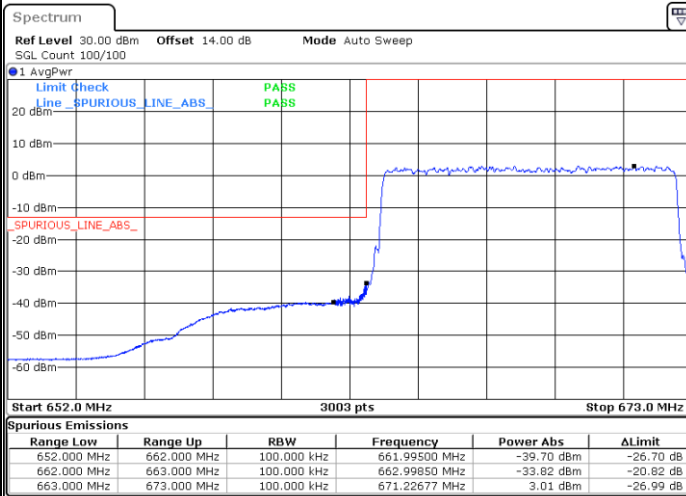
Date: 28.SEP.2023 15:24:55

Highest Band Edge / 1 RB



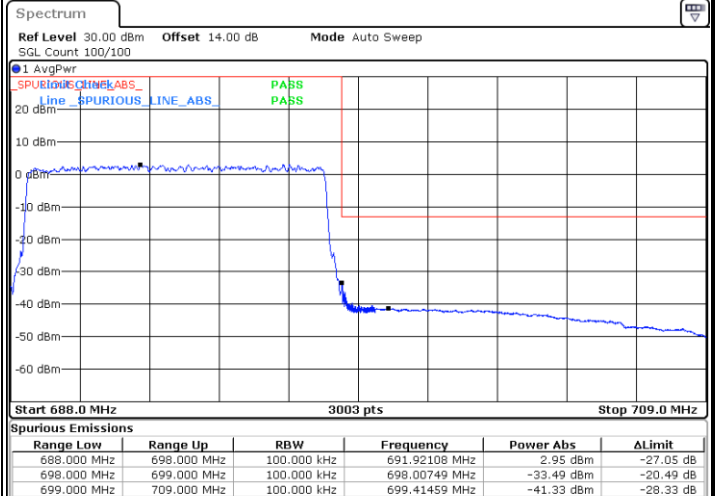
Date: 28.SEP.2023 15:33:55

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:27:30

Highest Band Edge / Full RB

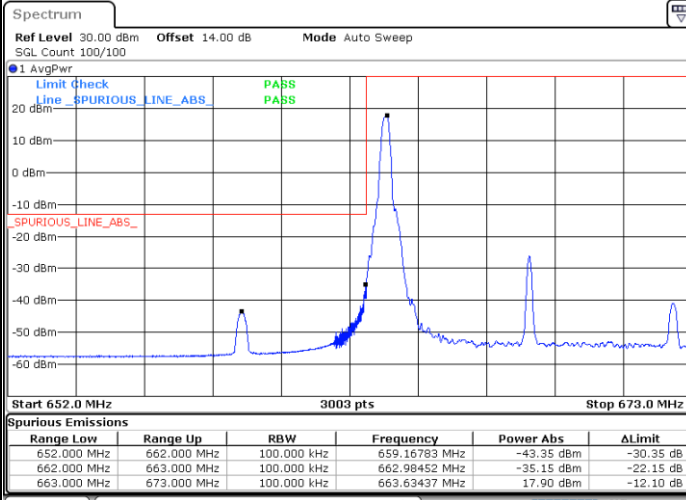


Date: 28.SEP.2023 15:36:29



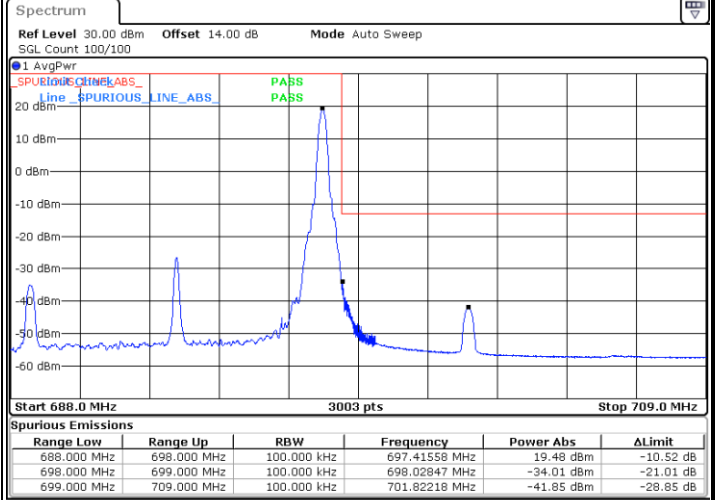
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1RB



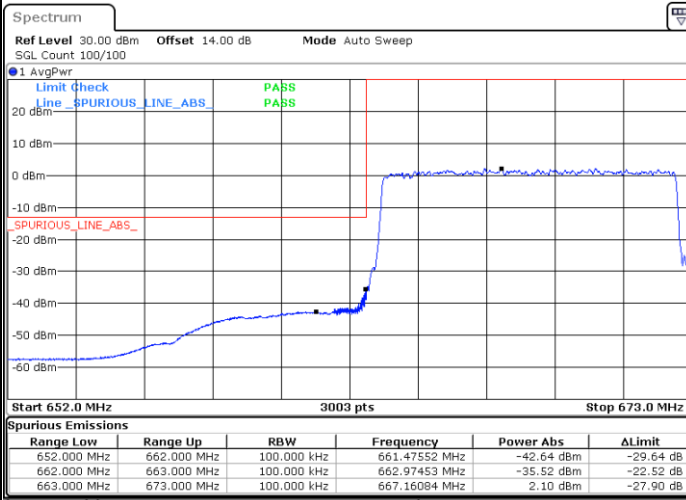
Date: 28.SEP.2023 15:25:47

Highest Band Edge / 1 RB



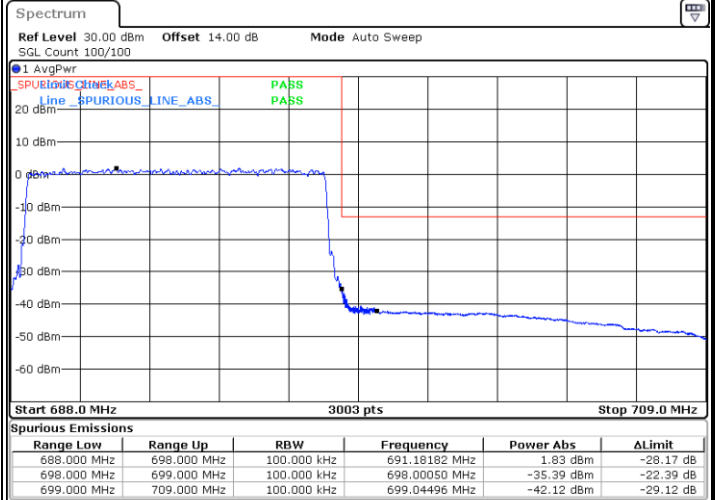
Date: 28.SEP.2023 15:34:46

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:28:21

Highest Band Edge / Full RB

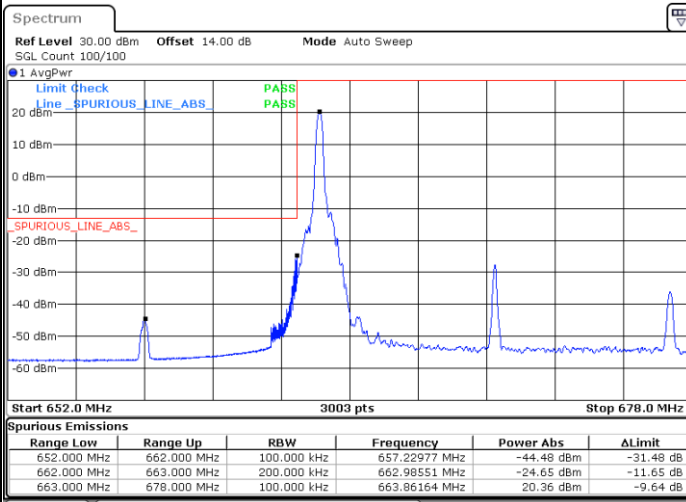


Date: 28.SEP.2023 15:37:21



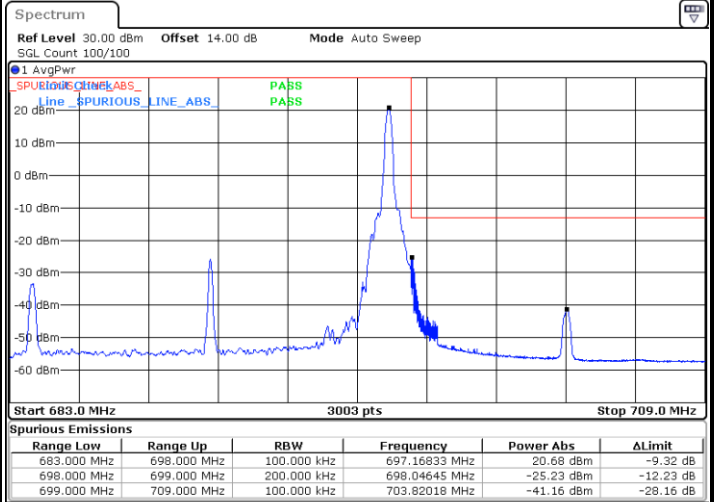
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



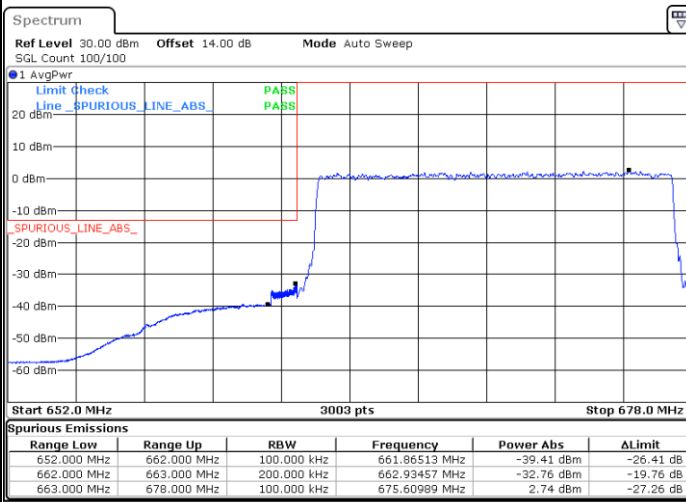
Date: 28.SEP.2023 15:39:30

Highest Band Edge / 1 RB



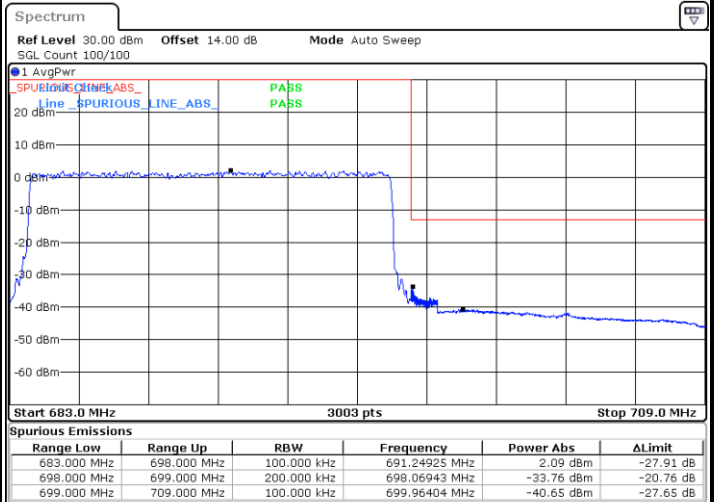
Date: 28.SEP.2023 15:48:30

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:42:05

Highest Band Edge / Full RB

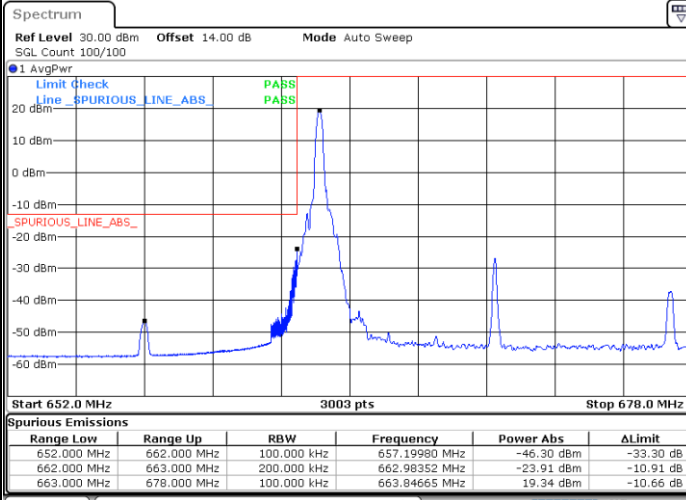


Date: 28.SEP.2023 15:51:04



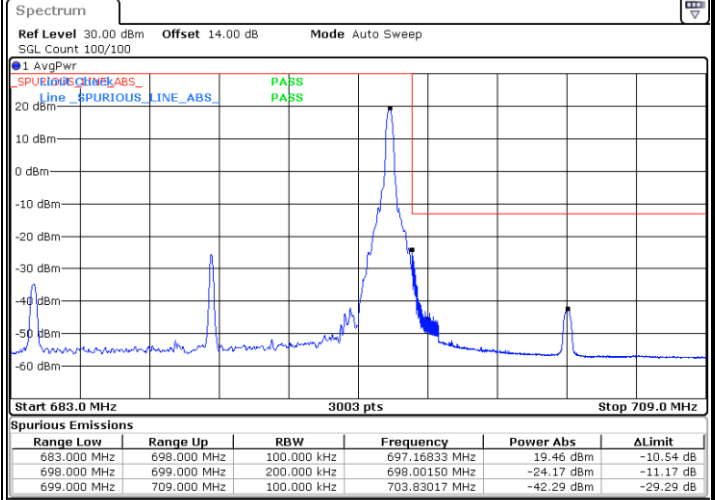
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1RB



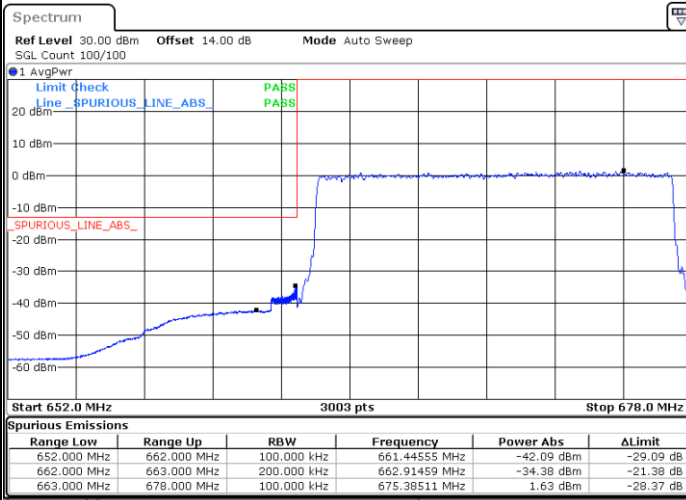
Date: 28.SEP.2023 15:40:22

Highest Band Edge / 1 RB



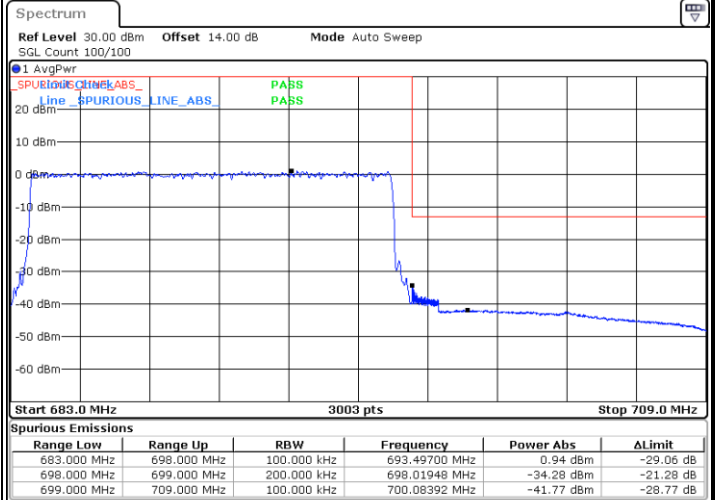
Date: 28.SEP.2023 15:49:21

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:42:56

Highest Band Edge / Full RB

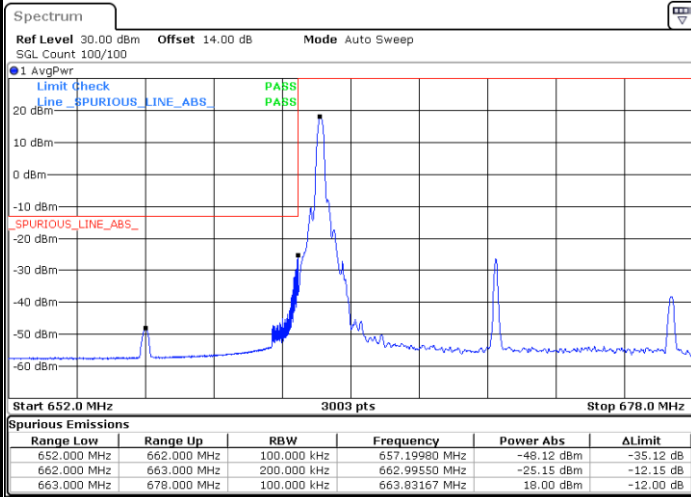


Date: 28.SEP.2023 15:51:59



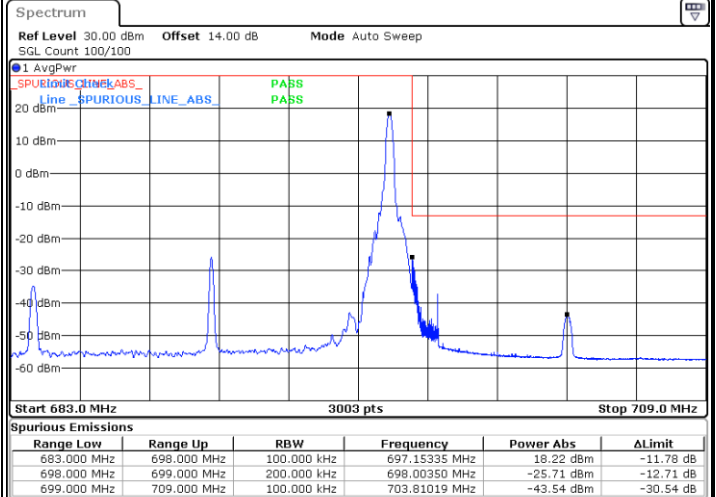
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1RB



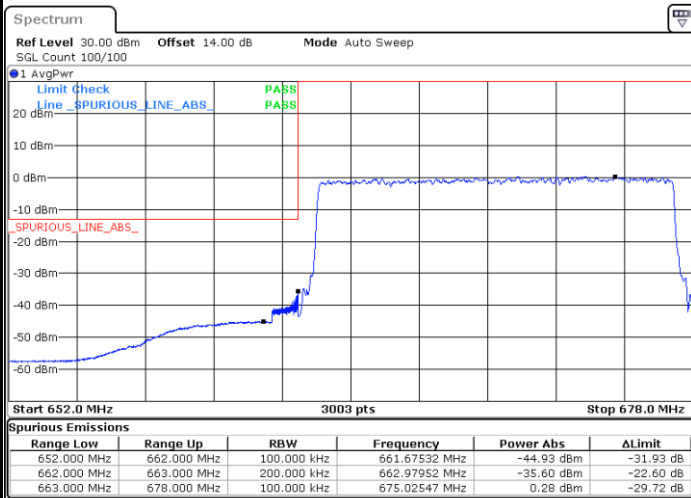
Date: 28.SEP.2023 15:41:14

Highest Band Edge / 1 RB



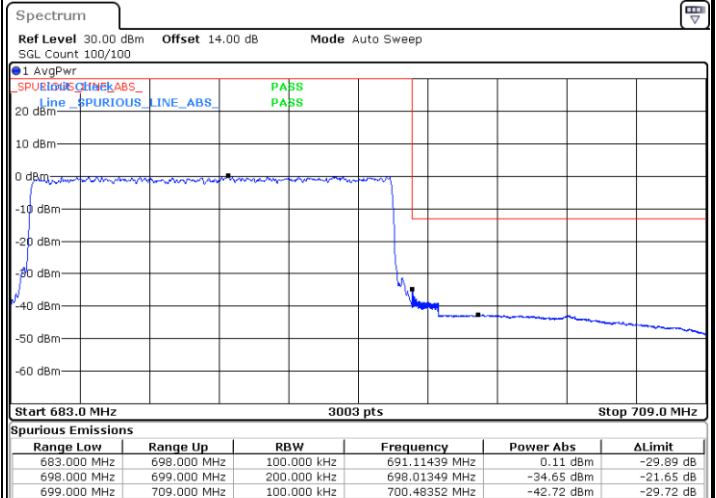
Date: 28.SEP.2023 15:50:13

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:43:48

Highest Band Edge / Full RB

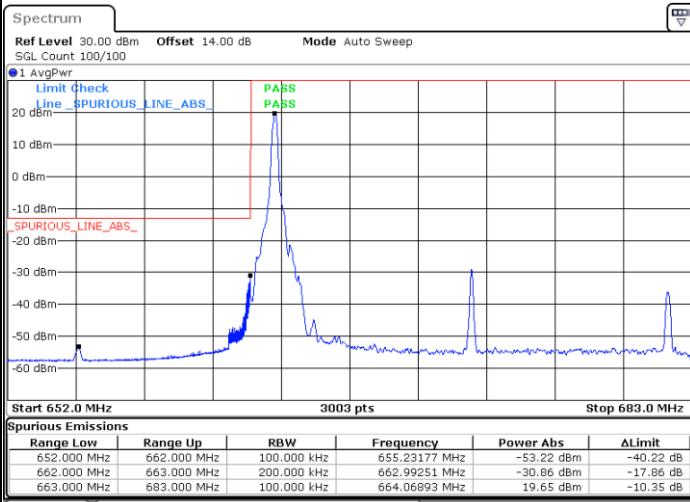


Date: 28.SEP.2023 15:52:50



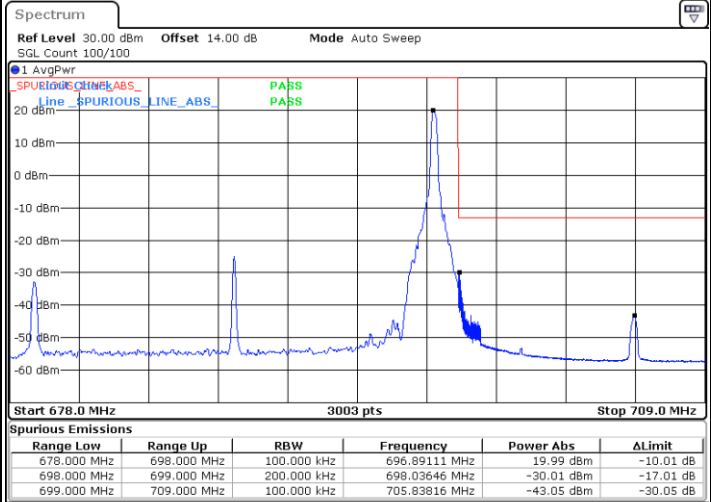
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



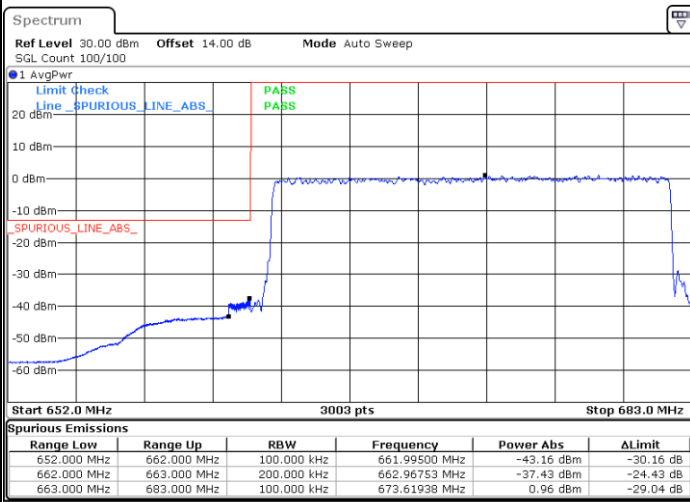
Date: 28.SEP.2023 15:55:01

Highest Band Edge / 1 RB



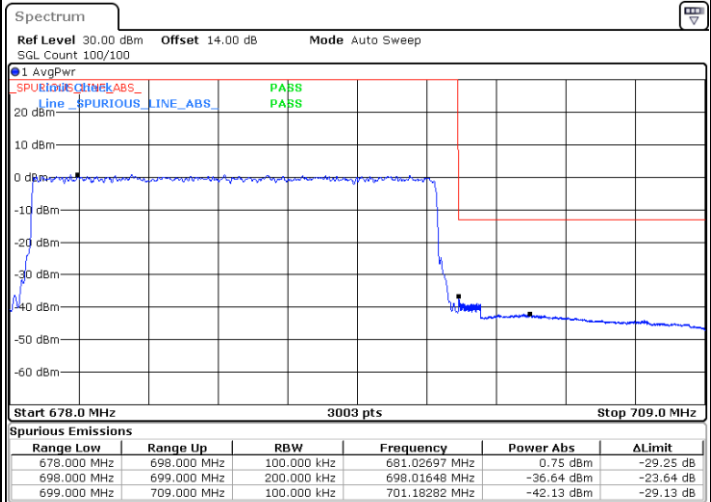
Date: 28.SEP.2023 16:05:27

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:57:36

Highest Band Edge / Full RB

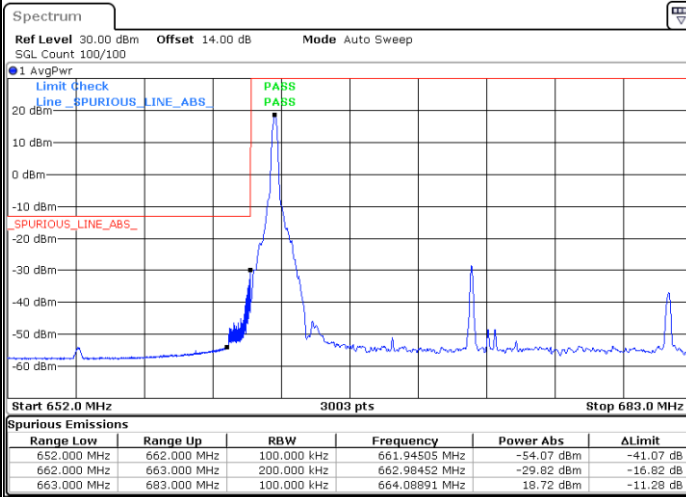


Date: 28.SEP.2023 16:08:04



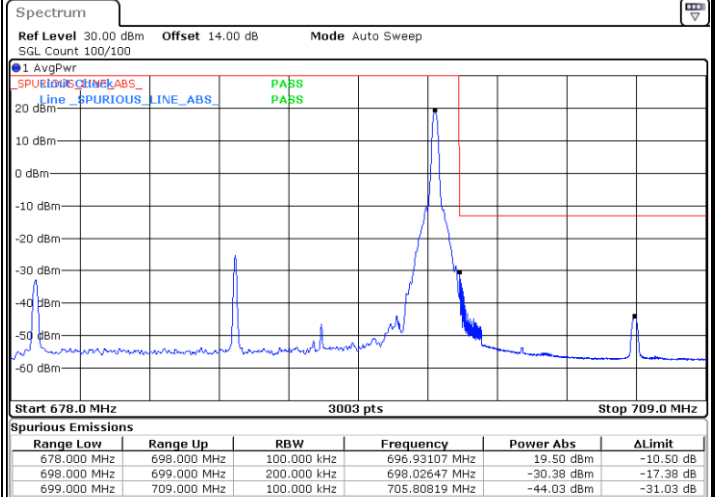
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1RB



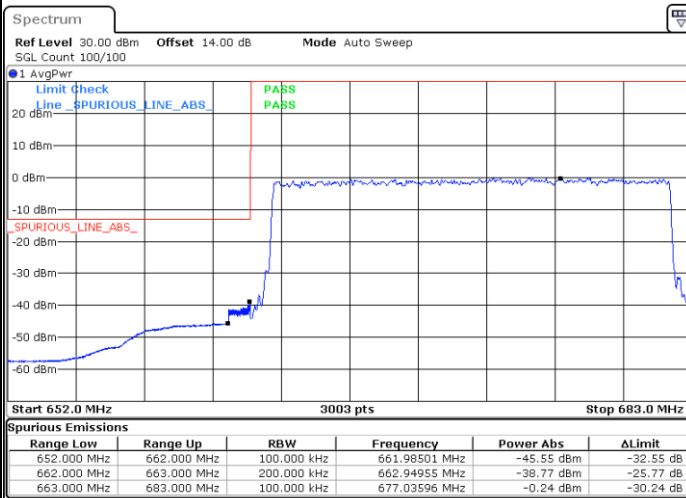
Date: 28.SEP.2023 15:55:52

Highest Band Edge / 1 RB



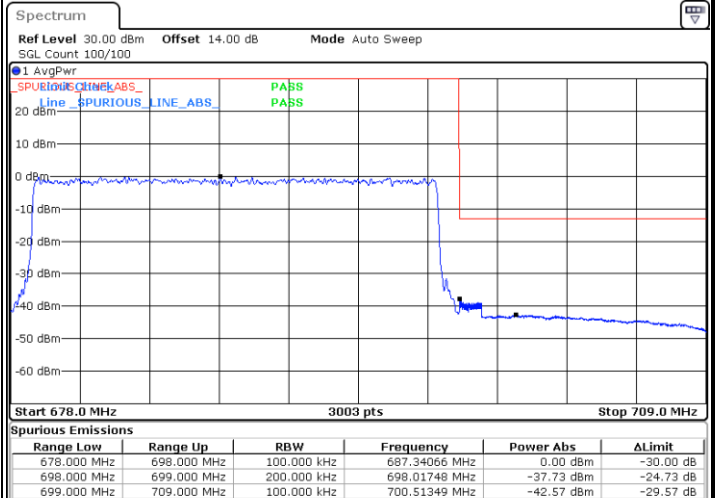
Date: 28.SEP.2023 16:06:19

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:58:29

Highest Band Edge / Full RB

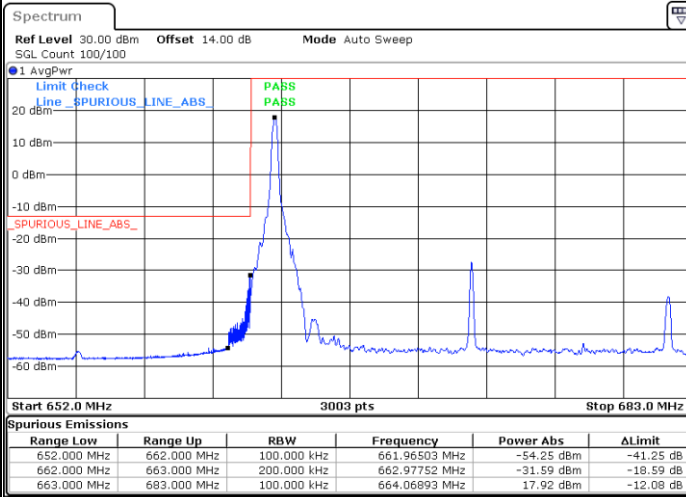


Date: 28.SEP.2023 16:08:56



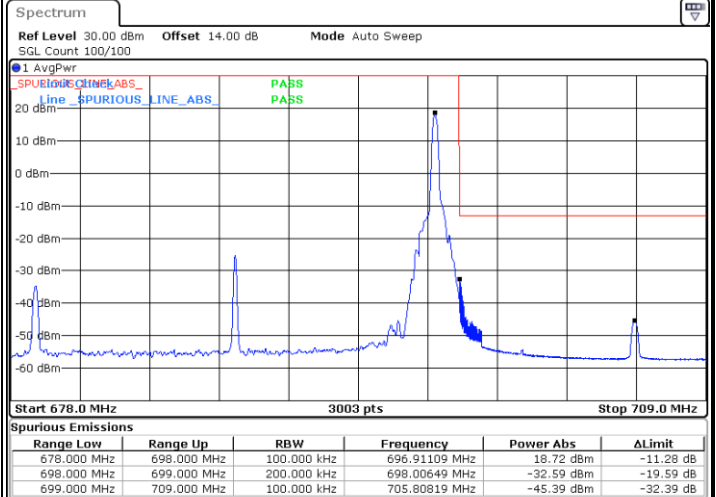
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1RB



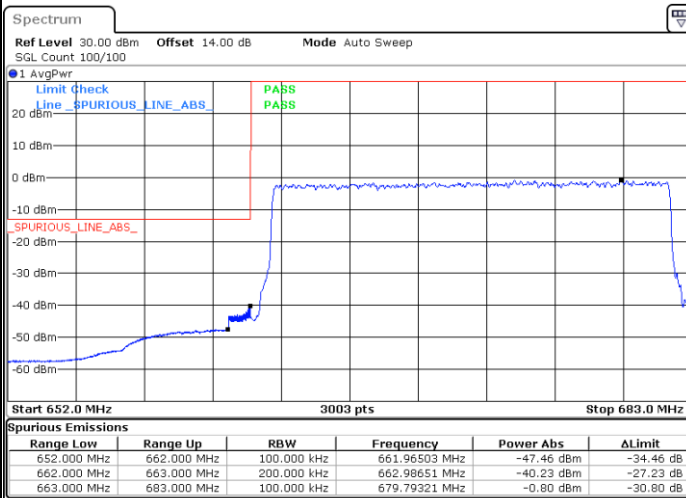
Date: 28.SEP.2023 15:56:45

Highest Band Edge / 1 RB



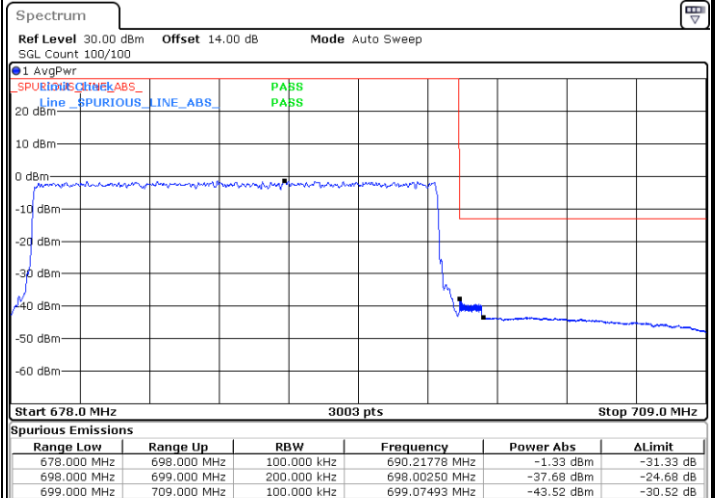
Date: 28.SEP.2023 16:07:13

Lowest Band Edge / Full RB



Date: 28.SEP.2023 15:59:21

Highest Band Edge / Full RB



Date: 28.SEP.2023 16:09:48

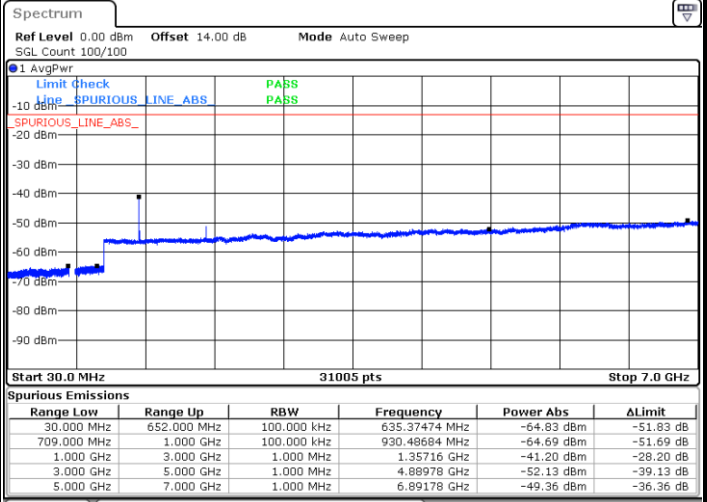
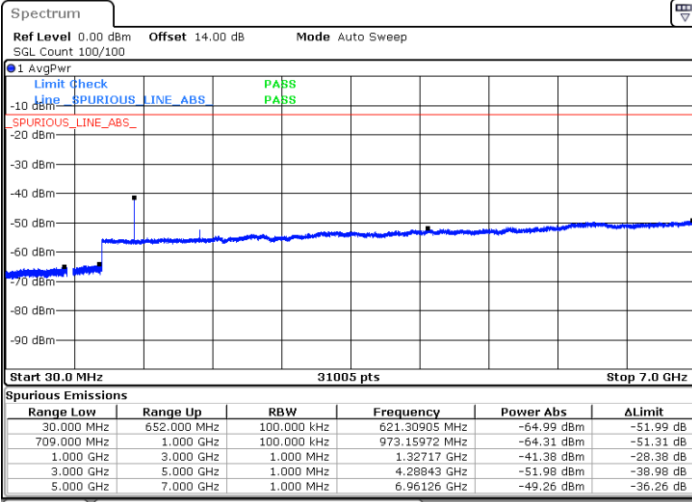


Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

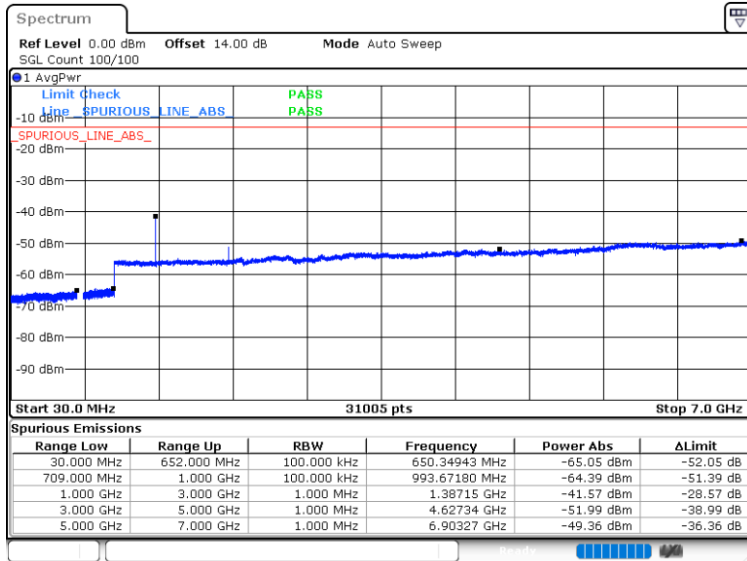
Middle Channel / QPSK



Date: 28.SEP.2023 15:14:11

Date: 28.SEP.2023 15:15:26

Highest Channel / QPSK



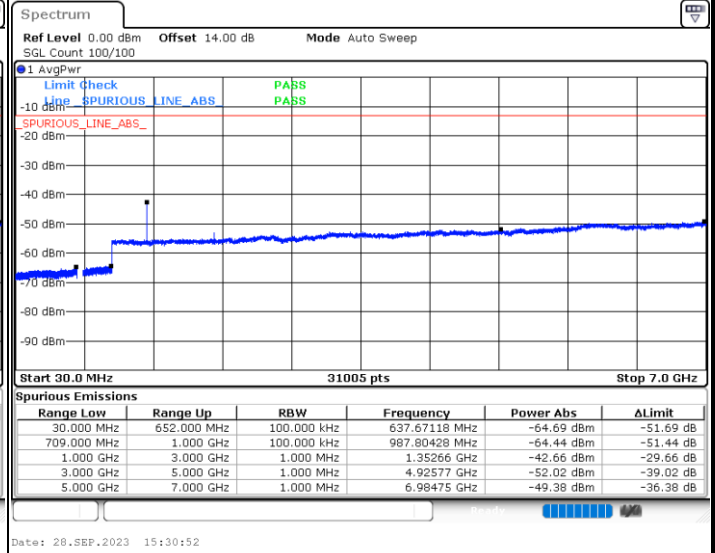
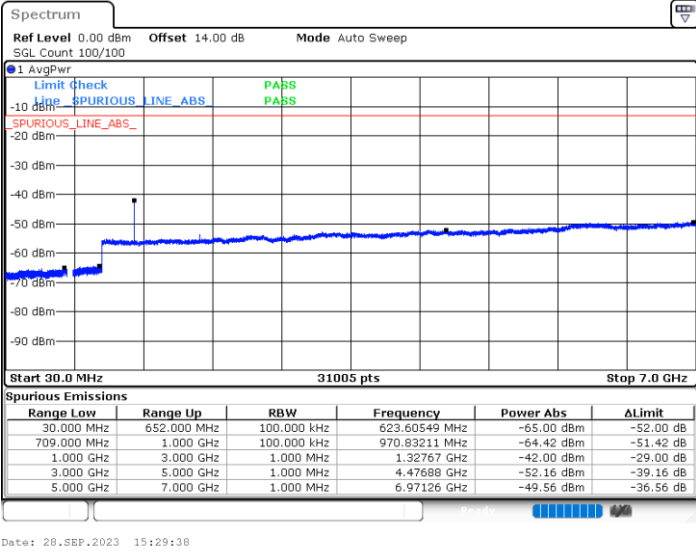
Date: 28.SEP.2023 15:23:11



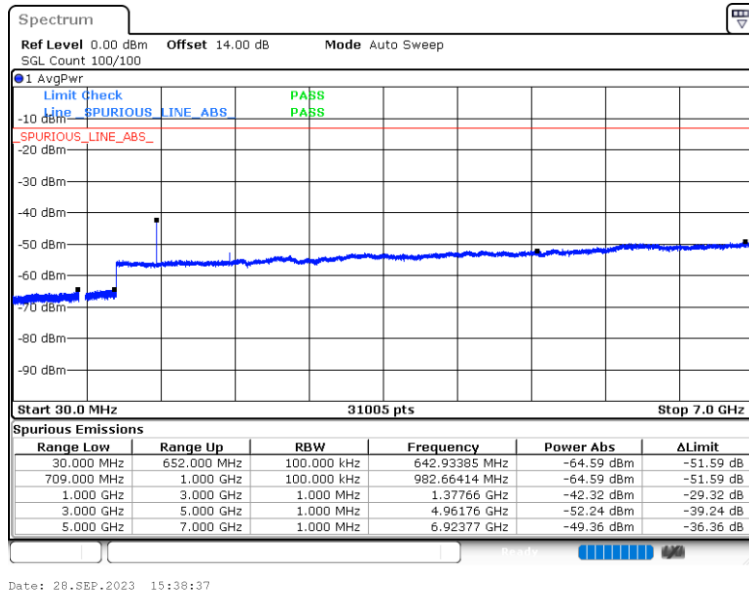
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

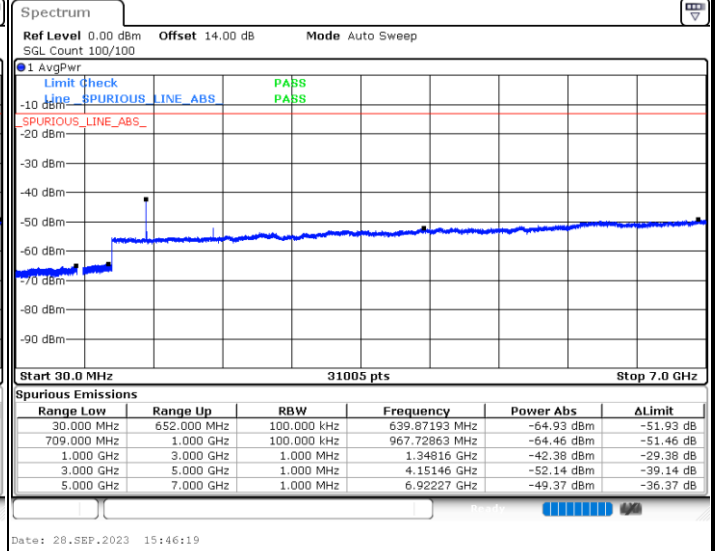
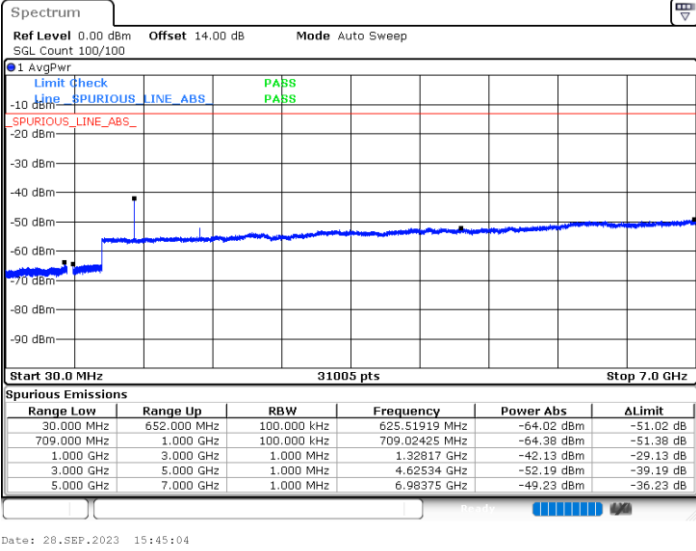




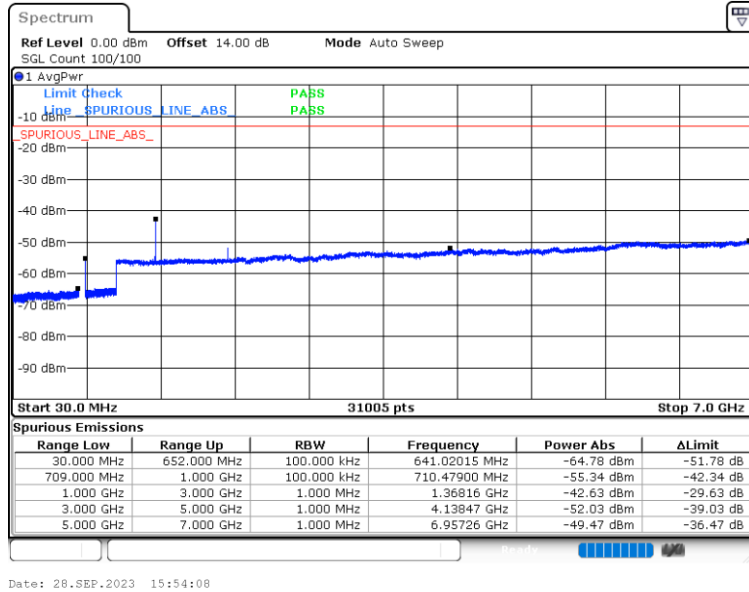
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

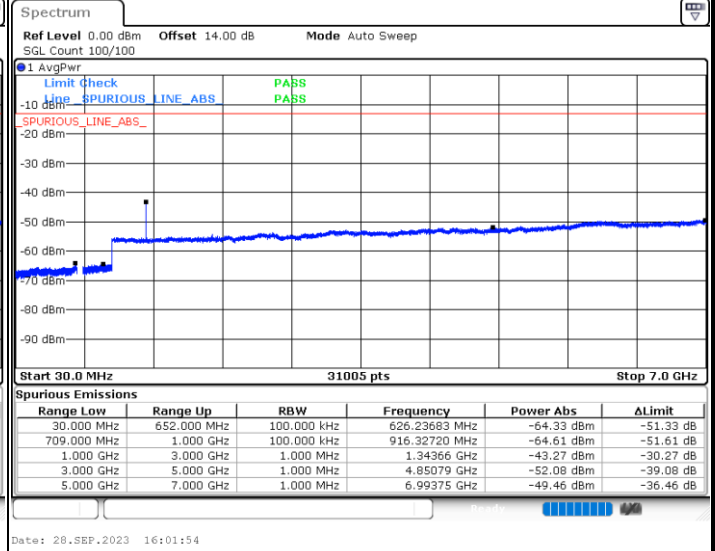
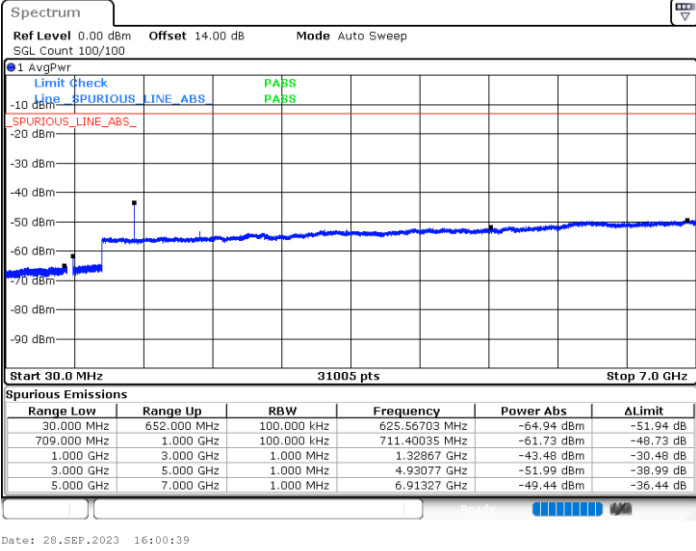




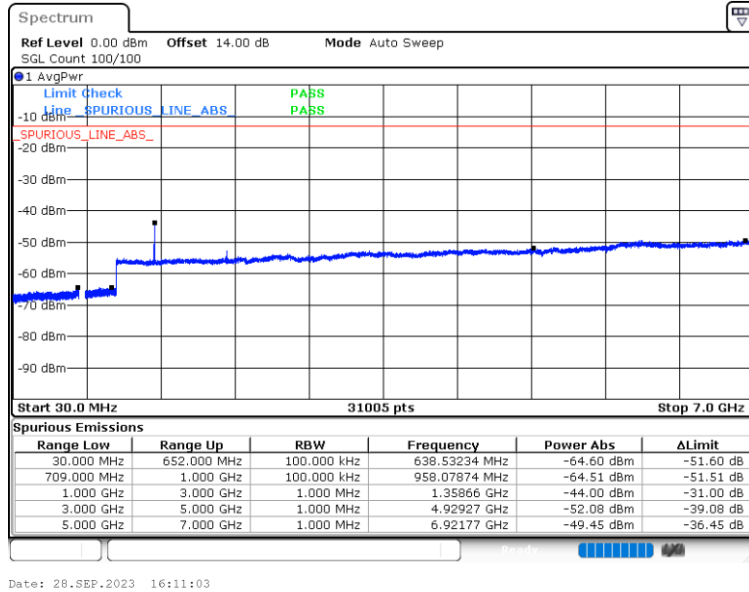
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





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	0.0021	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 7 / 20MHz / QPSK/ 16QAM/ 64QAM / Ant.0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-61.87	-25	-36.87	-79.34	-67.43	7.12	12.68	H
	7503.27	-56.88	-25	-31.88	-79.21	-60.21	8.26	11.59	H
	10004.36	-53.23	-25	-28.23	-80.16	-54.76	10.45	11.98	H
	5002.18	-62.03	-25	-37.03	-79.42	-67.59	7.12	12.68	V
	7503.27	-56.90	-25	-31.90	-79.13	-60.23	8.26	11.59	V
	10004.36	-53.59	-25	-28.59	-79.91	-55.12	10.45	11.98	V
Middle	5052.18	-60.96	-25	-35.96	-78.38	-66.52	7.14	12.70	H
	7578.27	-56.91	-25	-31.91	-79.07	-60.21	8.30	11.60	H
	10104.36	-53.30	-25	-28.30	-80.19	-54.82	10.48	12.00	H
	5052.18	-61.38	-25	-36.38	-78.73	-66.94	7.14	12.70	V
	7578.27	-56.97	-25	-31.97	-78.93	-60.27	8.30	11.60	V
	10104.36	-54.17	-25	-29.17	-80.57	-55.69	10.48	12.00	V
Highest	5102.18	-61.41	-25	-36.41	-78.77	-66.97	7.16	12.72	H
	7653.27	-56.22	-25	-31.22	-78.49	-59.52	8.33	11.63	H
	10204.36	-53.03	-25	-28.03	-79.89	-54.63	10.50	12.10	H
	5102.18	-61.39	-25	-36.39	-78.68	-66.95	7.16	12.72	V
	7653.27	-56.85	-25	-31.85	-78.96	-60.15	8.33	11.63	V
	10204.36	-53.52	-25	-28.52	-80	-55.12	10.50	12.10	V



LTE Band 12 / 10MHz / QPSK/ 16QAM/ 64QAM / Ant.0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-64.64	-13	-51.64	-72.66	-67.87	3.98	9.36	H
	2098.5	-65.25	-13	-52.25	-74.72	-68.80	4.85	10.55	H
	2798	-62.99	-13	-49.99	-74.80	-67.92	5.50	12.58	H
	1399	-64.31	-13	-51.31	-72.39	-67.54	3.98	9.36	V
	2098.5	-64.48	-13	-51.48	-74.33	-68.03	4.85	10.55	V
	2798	-62.71	-13	-49.71	-74.76	-67.64	5.50	12.58	V
Middle	1406	-64.12	-13	-51.12	-72.08	-67.37	4.00	9.40	H
	2109	-64.91	-13	-51.91	-74.57	-68.48	4.88	10.60	H
	2812	-62.95	-13	-49.95	-74.81	-67.88	5.52	12.60	H
	1406	-63.97	-13	-50.97	-72.01	-67.22	4.00	9.40	V
	2109	-64.26	-13	-51.26	-74.29	-67.83	4.88	10.60	V
	2812	-62.91	-13	-49.91	-75.01	-67.84	5.52	12.60	V
Highest	1413	-64.12	-13	-51.12	-72.00	-67.29	4.10	9.42	H
	2119.5	-64.85	-13	-51.85	-74.69	-68.43	4.90	10.63	H
	2826	-62.95	-13	-49.95	-74.83	-67.87	5.55	12.62	H
	1413	-63.97	-13	-50.97	-71.93	-67.14	4.10	9.42	V
	2119.5	-64.26	-13	-51.26	-74.47	-67.84	4.90	10.63	V
	2826	-62.82	-13	-49.82	-74.95	-67.74	5.55	12.62	V

LTE Band 13 / 5MHz / QPSK/ 16QAM/ 64QAM / Ant.0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554.5	-66.22	-13	-53.22	-72.91	-69.45	3.98	9.36	H
	2331.75	-63.89	-13	-50.89	-74.59	-67.44	4.85	10.55	H
	3109	-63.06	-13	-50.06	-75.70	-67.99	5.50	12.58	H
	1554.5	-65.62	-13	-52.62	-72.51	-68.85	3.98	9.36	V
	2331.75	-63.66	-13	-50.66	-74.75	-67.21	4.85	10.55	V
	3109	-62.31	-13	-49.31	-75.45	-67.24	5.50	12.58	V
Middle	1559.5	-66.39	-42.15	-24.24	-73.02	-69.64	4.00	9.40	H
	2339.25	-64.18	-13	-51.18	-74.87	-67.75	4.88	10.60	H
	3119	-63.00	-13	-50.00	-75.69	-67.93	5.52	12.60	H
	1559.5	-65.93	-42.15	-23.78	-72.77	-69.18	4.00	9.40	V
	2339.25	-63.86	-13	-50.86	-74.94	-67.43	4.88	10.60	V
	3119	-62.64	-13	-49.64	-75.84	-67.57	5.52	12.60	V
Highest	1564.5	-66.36	-42.15	-24.21	-72.93	-69.53	4.10	9.42	H
	2346.75	-64.05	-13	-51.05	-74.70	-67.63	4.90	10.63	H
	3129	-63.20	-13	-50.20	-75.92	-68.12	5.55	12.62	H
	1564.5	-66.10	-42.15	-23.95	-72.89	-69.27	4.10	9.42	V
	2346.75	-64.22	-13	-51.22	-75.26	-67.80	4.90	10.63	V
	3129	-62.41	-13	-49.41	-75.66	-67.33	5.55	12.62	V



LTE Band 13 / 10MHz / QPSK/ 16QAM/ 64QAM / Ant.0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-66.08	-42.15	-23.93	-72.71	-69.33	4.00	9.40	H
	2339.25	-64.30	-13	-51.30	-74.99	-67.87	4.88	10.60	H
	3119	-63.09	-13	-50.09	-75.78	-68.02	5.52	12.60	H
	1559.5	-66.13	-42.15	-23.98	-72.97	-69.38	4.00	9.40	V
	2339.25	-63.85	-13	-50.85	-74.93	-67.42	4.88	10.60	V
	3119	-62.54	-13	-49.54	-75.74	-67.47	5.52	12.60	V

LTE Band 41 / 20MHz / QPSK/ 16QAM/ 64QAM / Ant.0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994.00	-60.56	-25	-35.56	-78.04	-66.12	7.12	12.68	H
	7491.00	-56.44	-25	-31.44	-78.80	-59.77	8.26	11.59	H
	9988.00	-52.60	-25	-27.60	-79.51	-54.13	10.45	11.98	H
	4994.00	-61.40	-25	-36.40	-78.81	-66.96	7.12	12.68	V
	7491.00	-56.71	-25	-31.71	-78.99	-60.04	8.26	11.59	V
	9988.00	-53.49	-25	-28.49	-79.81	-55.02	10.45	11.98	V
Middle	5168.00	-61.19	-25	-36.19	-78.46	-66.75	7.14	12.70	H
	7752.00	-55.59	-25	-30.59	-78.16	-58.89	8.30	11.60	H
	10336.00	-52.75	-25	-27.75	-79.56	-54.27	10.48	12.00	H
	5168.00	-61.49	-25	-36.49	-78.71	-67.05	7.14	12.70	V
	7752.00	-55.57	-25	-30.57	-78.11	-58.87	8.30	11.60	V
	10336.00	-52.95	-25	-27.95	-79.53	-54.47	10.48	12.00	V
Highest	5342.00	-63.14	-25	-38.14	-79.50	-68.70	7.16	12.72	H
	8013.00	-54.57	-25	-29.57	-78.22	-57.87	8.33	11.63	H
	10684.00	-51.60	-25	-26.60	-79.09	-53.20	10.50	12.10	H
	5342.00	-62.72	-25	-37.72	-79.32	-68.28	7.16	12.72	V
	8013.00	-54.45	-25	-29.45	-78.16	-57.75	8.33	11.63	V
	10684.00	-51.75	-25	-26.75	-79.09	-53.35	10.50	12.10	V



LTE Band 41C / 20+20MHz / QPSK/ 16QAM/ 64QAM / Ant.0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5031.80	-61.44	-25	-36.44	-78.89	-67.00	7.12	12.68	H
	7547.70	-56.42	-25	-31.42	-78.65	-59.75	8.26	11.59	H
	10063.60	-53.34	-25	-28.34	-80.24	-54.87	10.45	11.98	H
	5031.80	-61.37	-25	-36.37	-78.74	-66.93	7.12	12.68	V
	7547.70	-56.43	-25	-31.43	-78.5	-59.76	8.26	11.59	V
	10063.60	-53.79	-25	-28.79	-80.16	-55.32	10.45	11.98	V
Middle	5186.00	-61.81	-25	-36.81	-79.09	-67.37	7.14	12.70	H
	7779.00	-55.82	-25	-30.82	-78.47	-59.12	8.30	11.60	H
	10372.00	-52.34	-25	-27.34	-79.13	-53.86	10.48	12.00	H
	5186.00	-61.63	-25	-36.63	-78.86	-67.19	7.14	12.70	V
	7779.00	-55.50	-25	-30.50	-78.15	-58.80	8.30	11.60	V
	10372.00	-52.75	-25	-27.75	-79.36	-54.27	10.48	12.00	V
Highest	5340.00	-63.42	-25	-38.42	-79.78	-68.98	7.16	12.72	H
	8010.30	-54.36	-25	-29.36	-78.02	-57.66	8.33	11.63	H
	10680.40	-51.90	-25	-26.90	-79.37	-53.50	10.50	12.10	H
	5340.00	-63.18	-25	-38.18	-79.77	-68.74	7.16	12.72	V
	8010.30	-54.39	-25	-29.39	-78.11	-57.69	8.33	11.63	V
	10680.40	-51.79	-25	-26.79	-79.12	-53.39	10.50	12.10	V

LTE Band 71 / 20MHz / QPSK/ 16QAM/ 64QAM / Ant.0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-65.39	-13	-52.39	-72.07	-68.62	3.98	9.36	H
	1992	-65.95	-13	-52.95	-73.62	-69.50	4.85	10.55	H
	2656	-64.80	-13	-51.80	-75.48	-69.73	5.50	12.58	H
	1328	-65.50	-13	-52.50	-72.09	-68.73	3.98	9.36	V
	1992	-66.13	-13	-53.13	-74.21	-69.68	4.85	10.55	V
	2656	-64.30	-13	-51.30	-75.31	-69.23	5.50	12.58	V
Middle	1343	-64.51	-13	-51.51	-71.40	-67.76	4.00	9.40	H
	2014.5	-64.39	-13	-51.39	-72.38	-67.96	4.88	10.60	H
	2686	-63.83	-13	-50.83	-74.75	-68.76	5.52	12.60	H
	1343	-64.45	-13	-51.45	-71.29	-67.70	4.00	9.40	V
	2014.5	-65.40	-13	-52.40	-73.81	-68.97	4.88	10.60	V
	2686	-63.75	-13	-50.75	-74.97	-68.68	5.52	12.60	V
Highest	1343	-64.87	-13	-51.87	-71.76	-68.04	4.10	9.42	H
	2014.5	-66.21	-13	-53.21	-74.20	-69.79	4.90	10.63	H
	2686	-64.40	-13	-51.40	-75.32	-69.32	5.55	12.62	H
	1343	-64.46	-13	-51.46	-71.30	-67.63	4.10	9.42	V
	2014.5	-65.56	-13	-52.56	-73.97	-69.14	4.90	10.63	V
	2686	-63.84	-13	-50.84	-75.06	-68.76	5.55	12.62	V

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