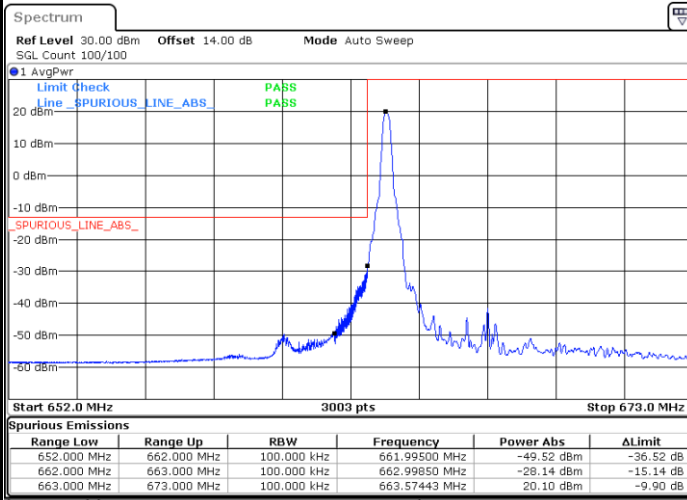




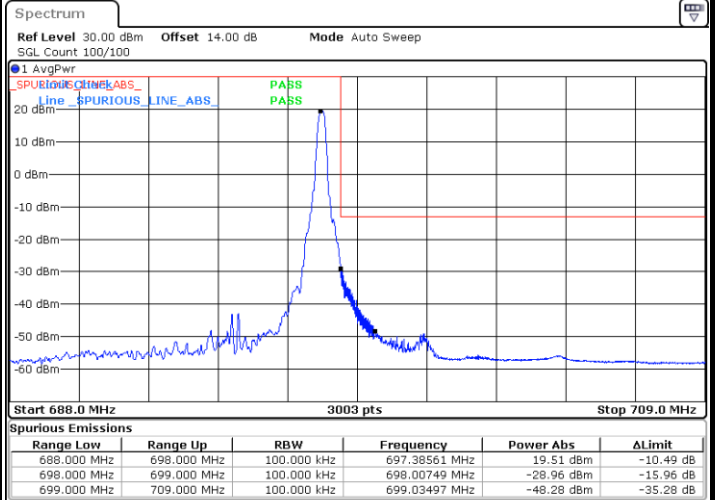
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



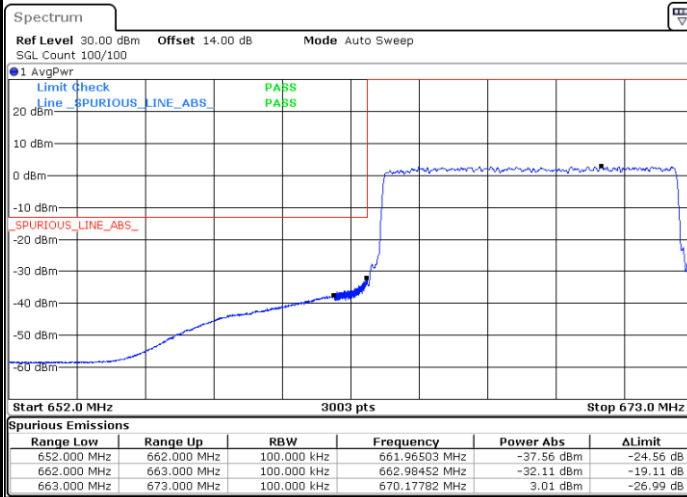
Date: 1.NOV.2022 12:27:41

Highest Band Edge / 1 RB



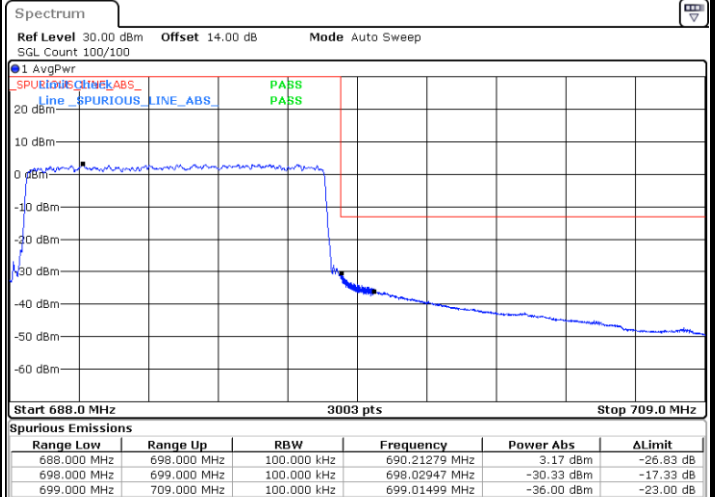
Date: 1.NOV.2022 12:39:56

Lowest Band Edge / Full RB



Date: 1.NOV.2022 12:30:07

Highest Band Edge / Full RB

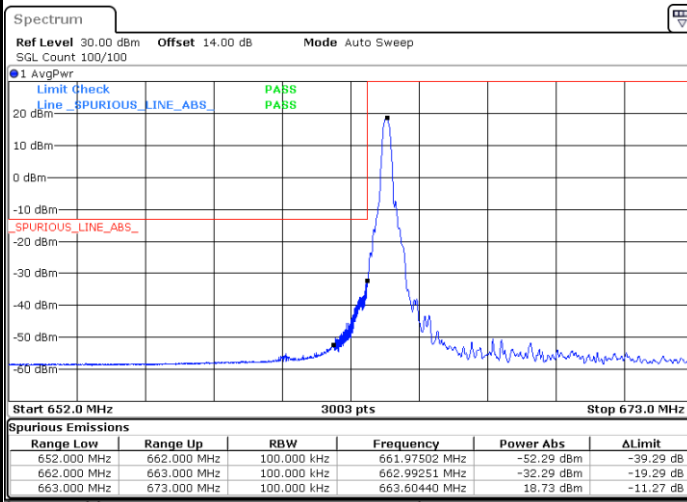


Date: 1.NOV.2022 12:42:26



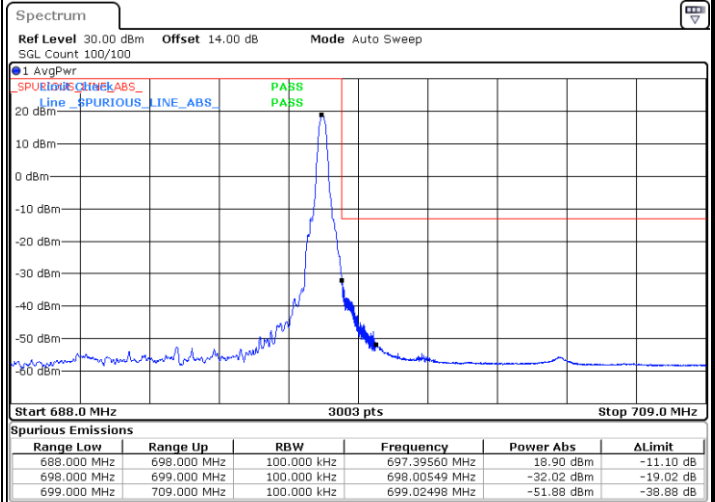
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



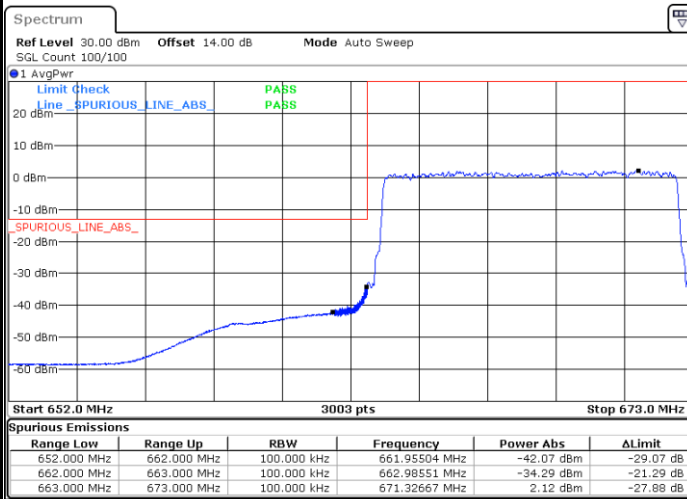
Date: 1.NOV.2022 12:46:24

Highest Band Edge / 1 RB



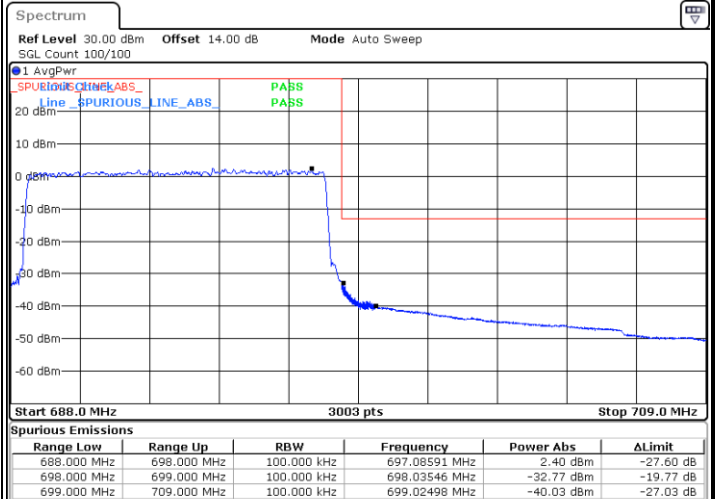
Date: 1.NOV.2022 12:52:15

Lowest Band Edge / Full RB



Date: 1.NOV.2022 12:47:38

Highest Band Edge / Full RB

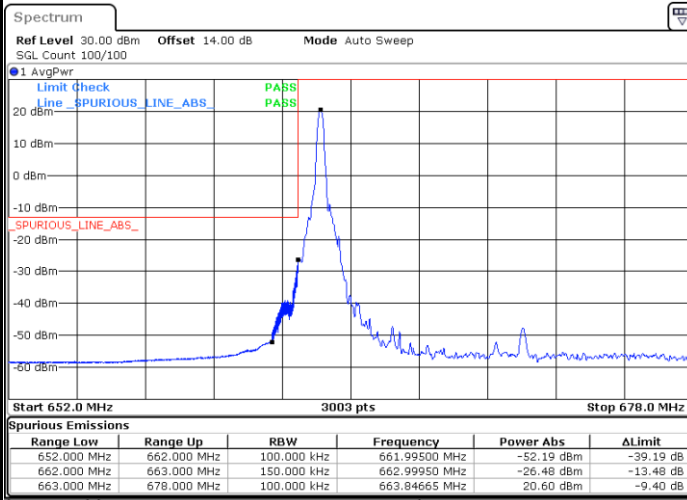


Date: 1.NOV.2022 12:53:30



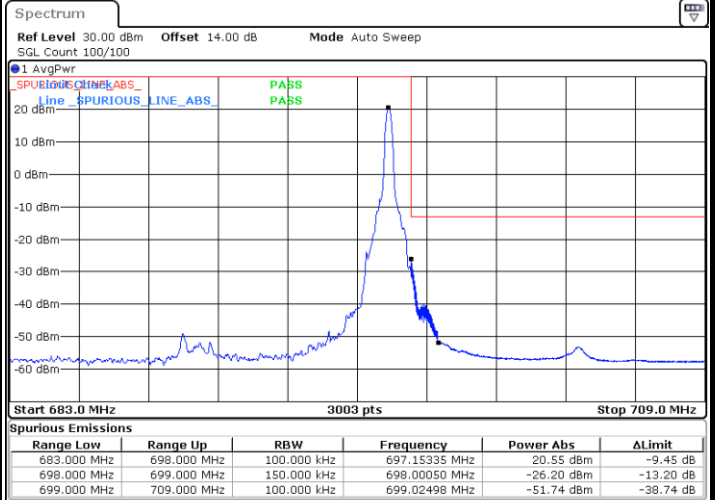
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



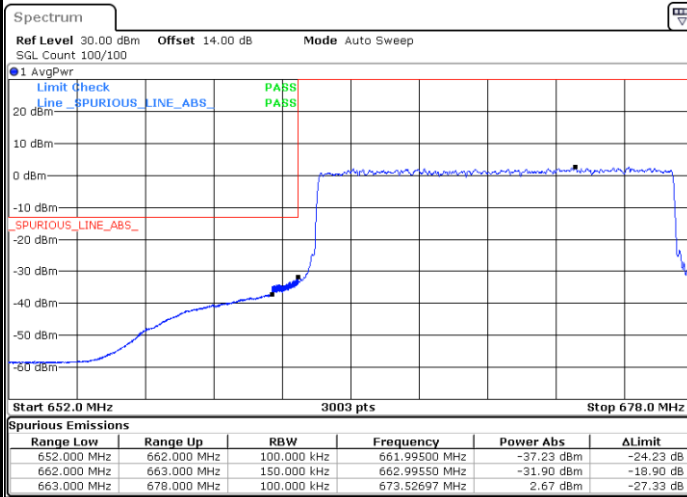
Date: 1.NOV.2022 12:57:25

Highest Band Edge / 1 RB



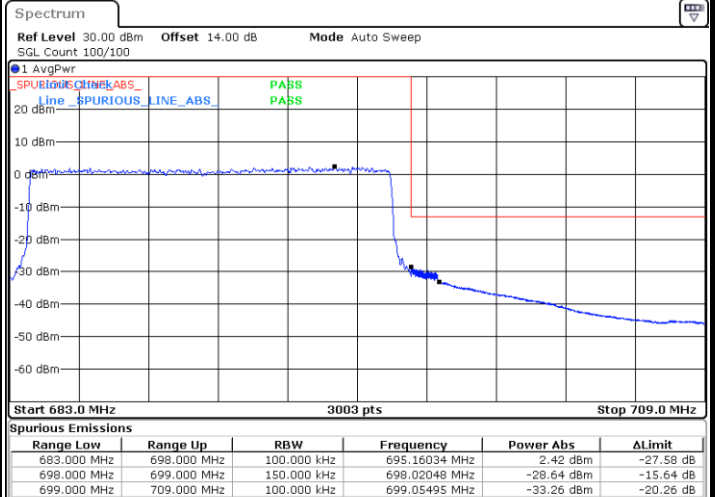
Date: 1.NOV.2022 13:09:50

Lowest Band Edge / Full RB



Date: 1.NOV.2022 12:59:53

Highest Band Edge / Full RB

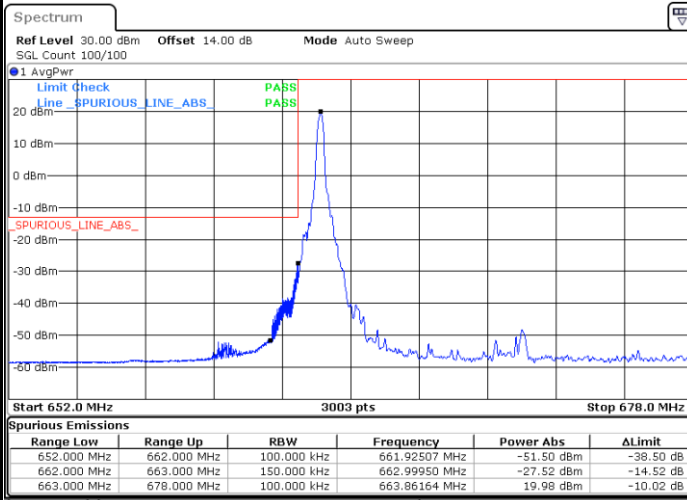


Date: 1.NOV.2022 13:12:20



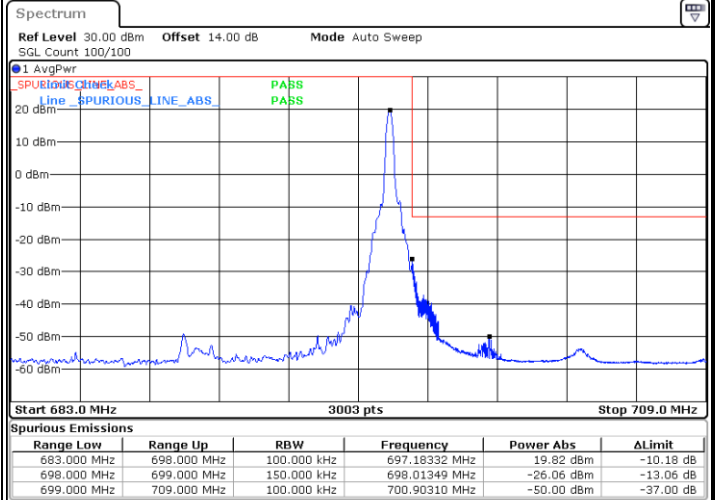
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



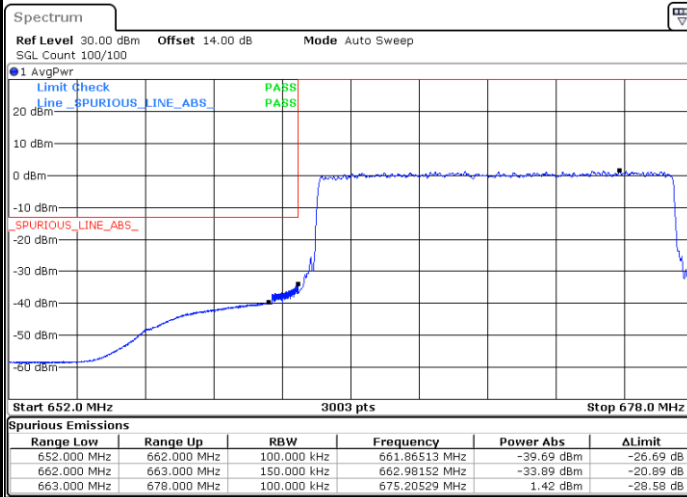
Date: 1.NOV.2022 12:58:39

Highest Band Edge / 1 RB



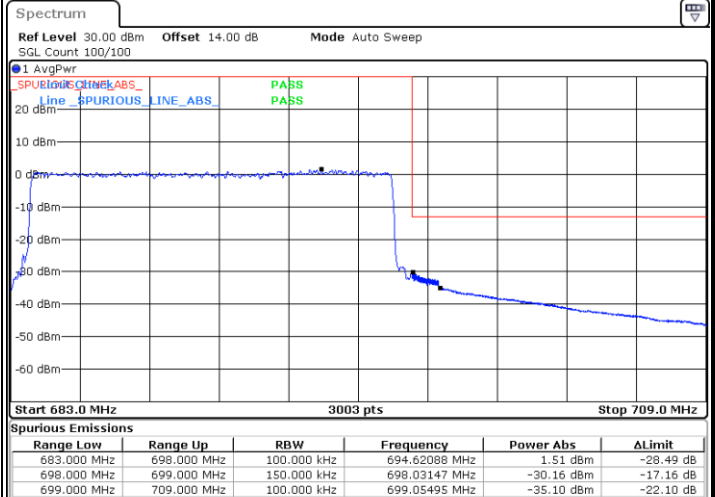
Date: 1.NOV.2022 13:11:05

Lowest Band Edge / Full RB



Date: 1.NOV.2022 13:01:08

Highest Band Edge / Full RB

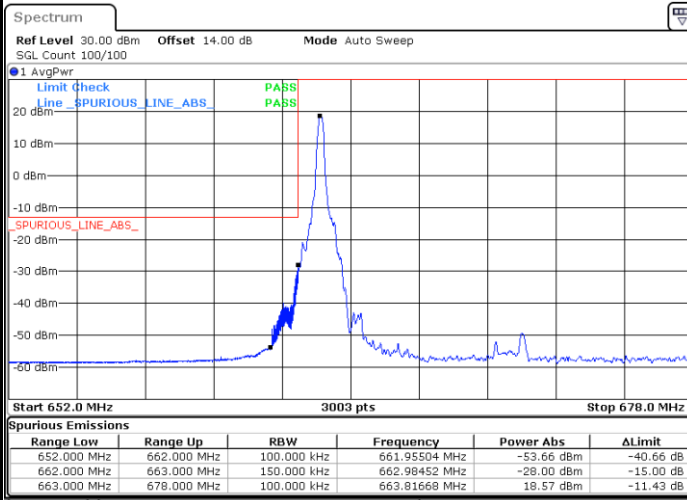


Date: 1.NOV.2022 13:13:34



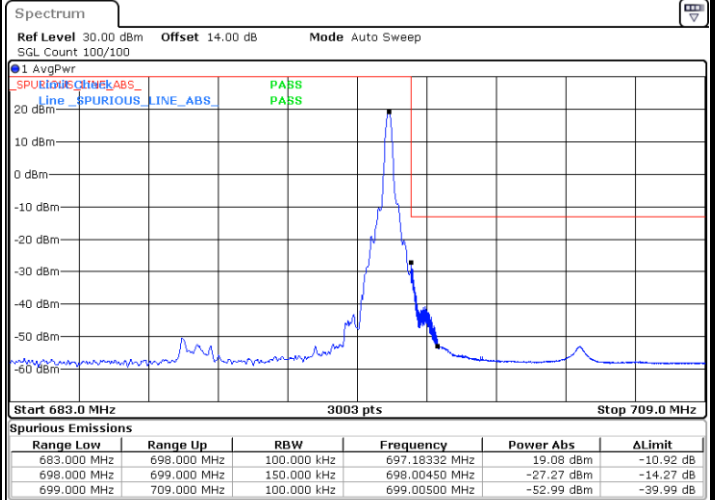
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



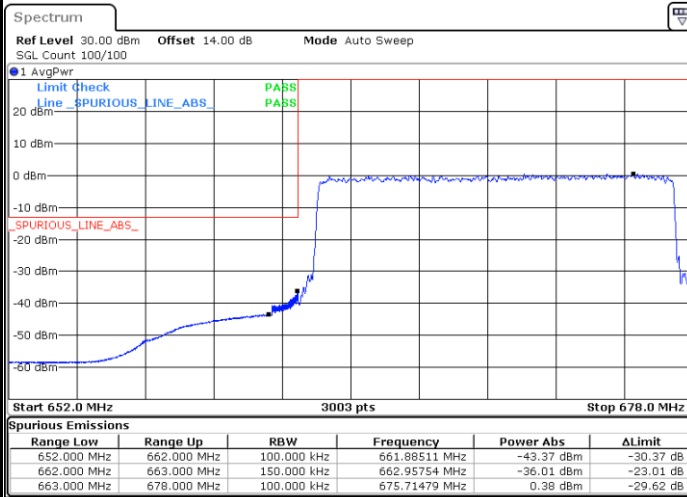
Date: 1.NOV.2022 13:17:35

Highest Band Edge / 1 RB



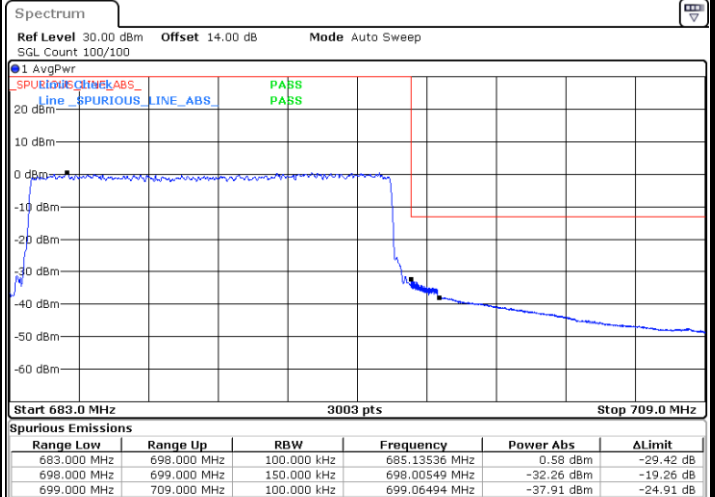
Date: 1.NOV.2022 13:23:26

Lowest Band Edge / Full RB



Date: 1.NOV.2022 13:18:48

Highest Band Edge / Full RB

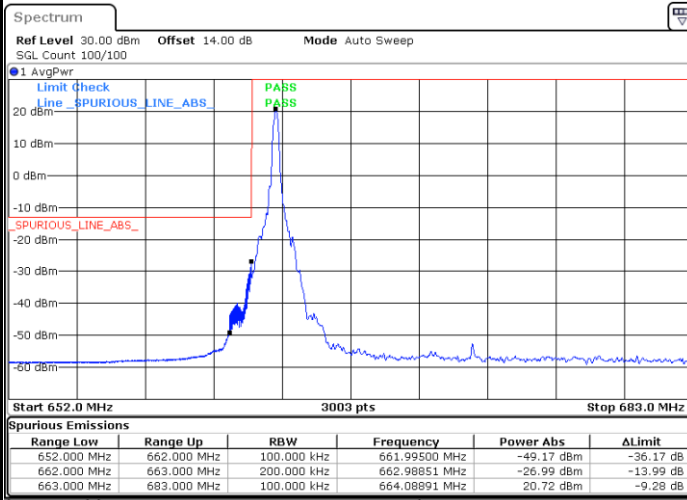


Date: 1.NOV.2022 13:24:40



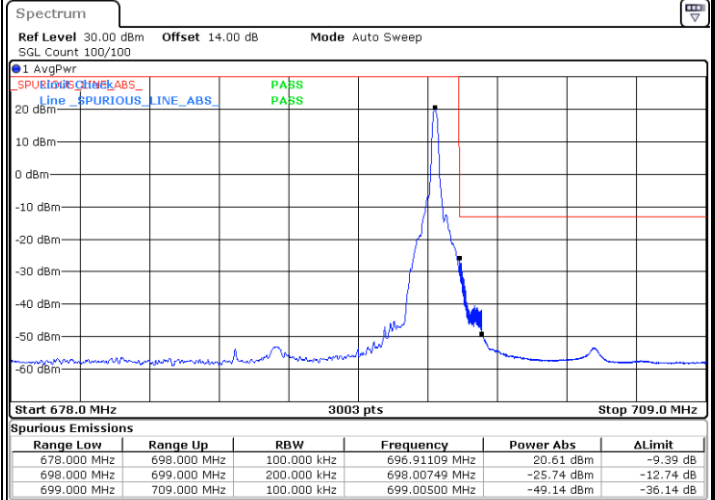
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



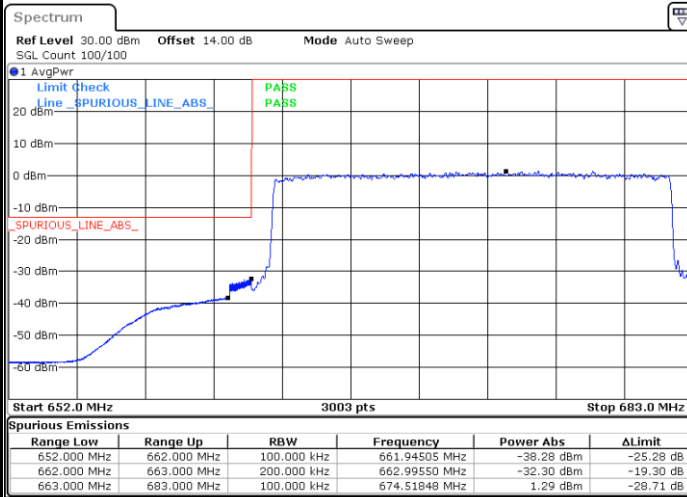
Date: 1.NOV.2022 13:28:37

Highest Band Edge / 1 RB



Date: 1.NOV.2022 13:41:04

Lowest Band Edge / Full RB



Date: 1.NOV.2022 13:31:07

Highest Band Edge / Full RB

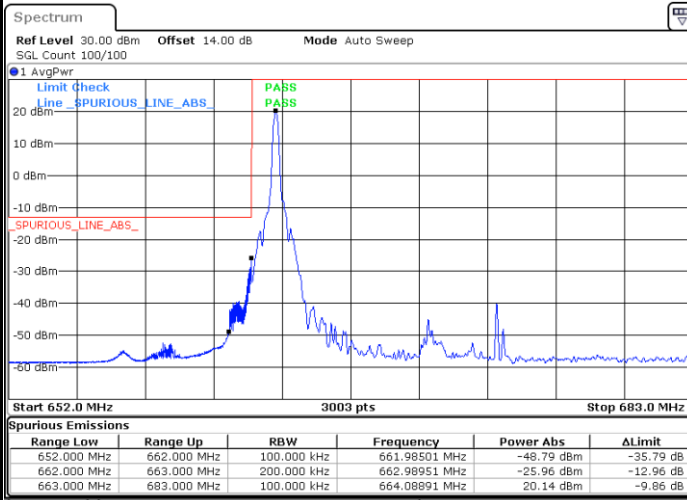


Date: 1.NOV.2022 13:44:47



LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



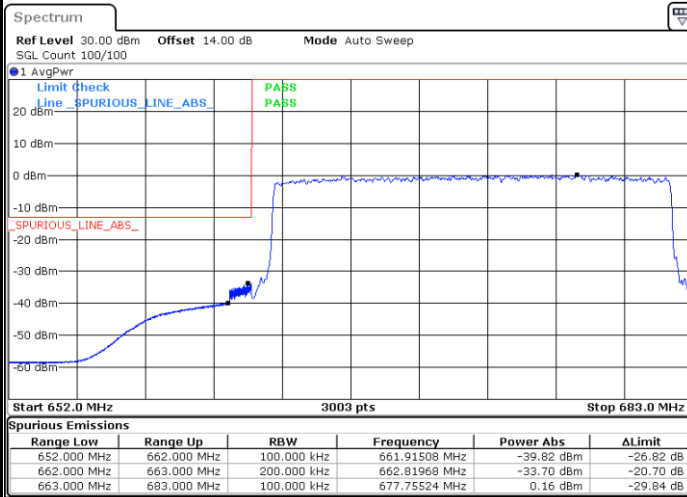
Date: 1.NOV.2022 13:29:52

Highest Band Edge / 1RB



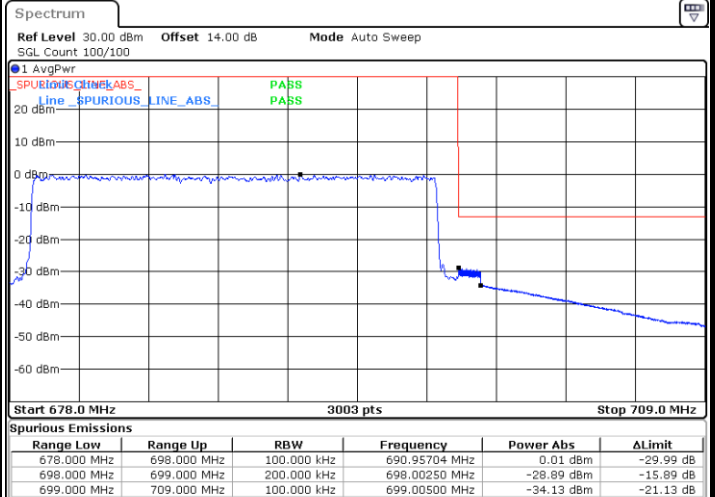
Date: 1.NOV.2022 13:42:18

Lowest Band Edge / Full RB



Date: 1.NOV.2022 13:32:21

Highest Band Edge / Full RB

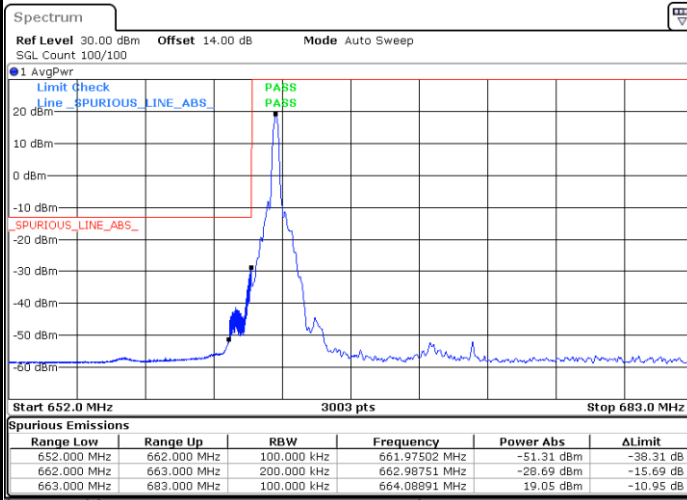


Date: 1.NOV.2022 13:43:33



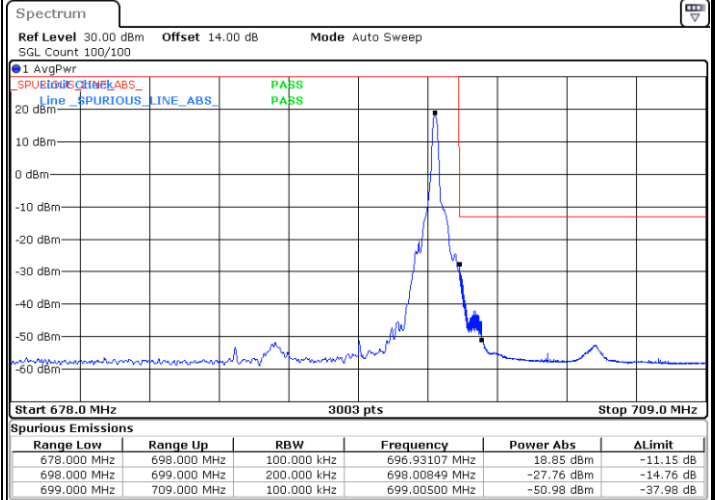
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



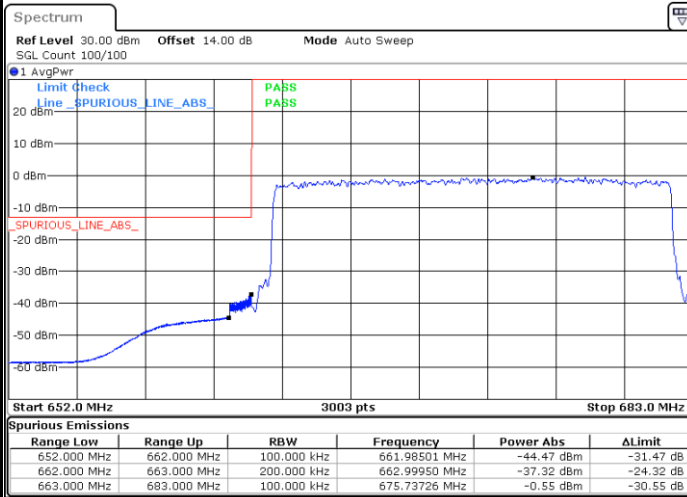
Date: 1.NOV.2022 13:48:46

Highest Band Edge / 1 RB



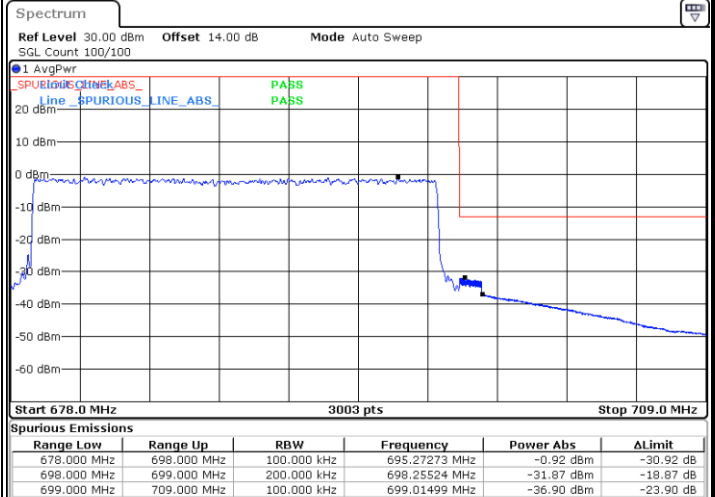
Date: 1.NOV.2022 13:54:36

Lowest Band Edge / Full RB



Date: 1.NOV.2022 13:50:00

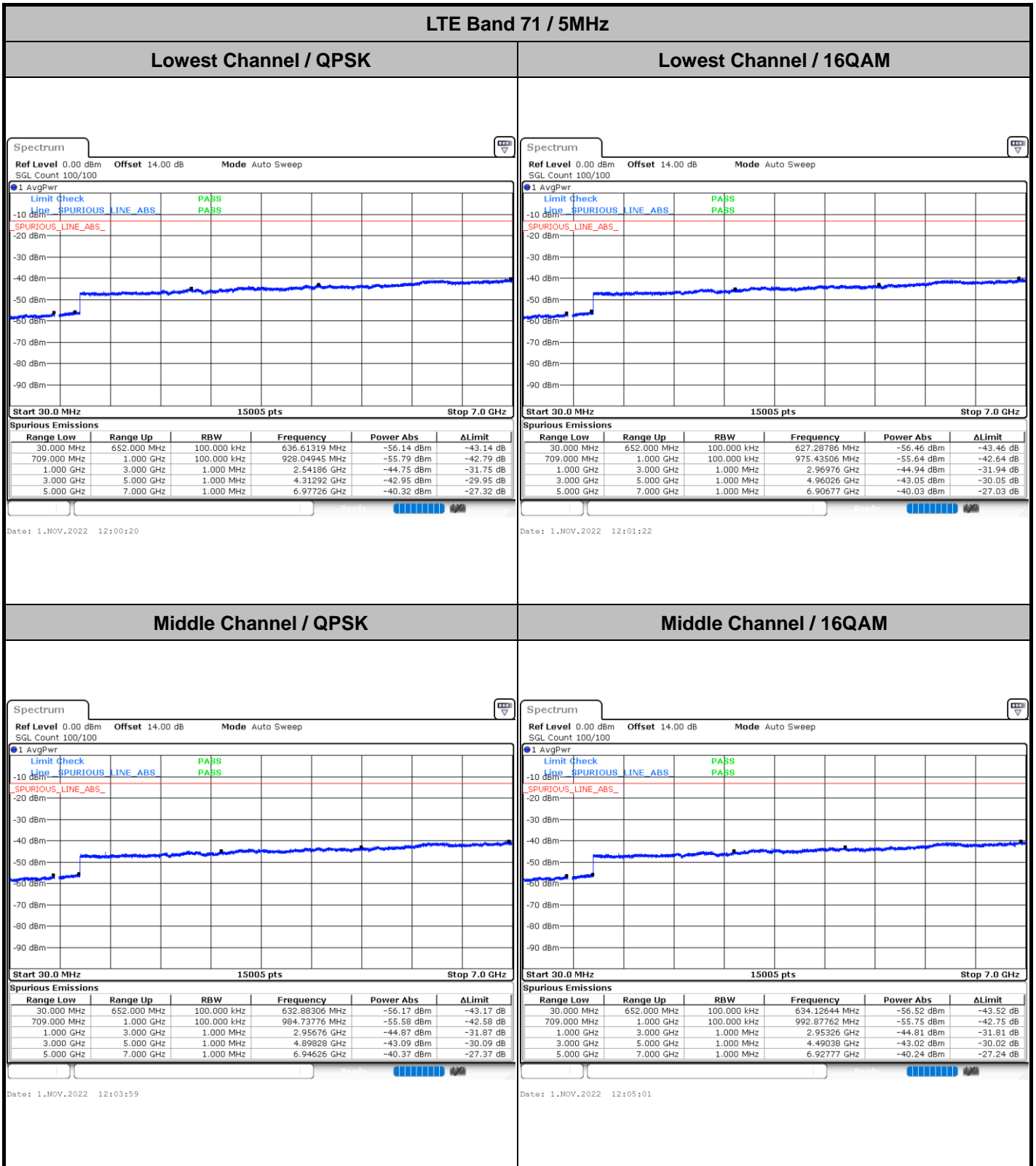
Highest Band Edge / Full RB



Date: 1.NOV.2022 13:55:50



Conducted Spurious Emission

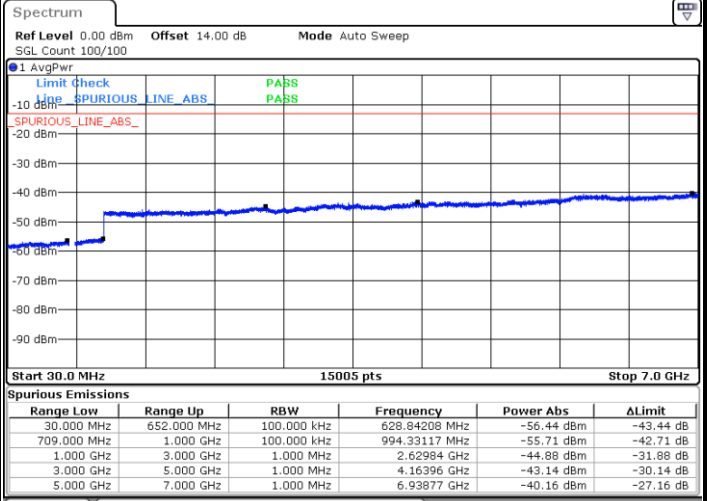
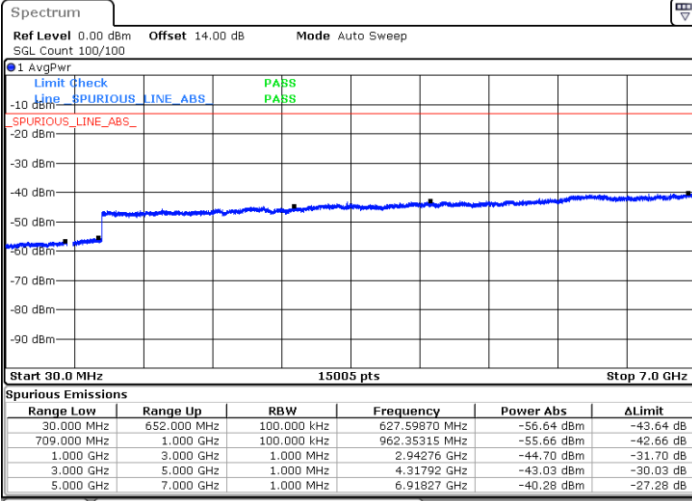




LTE Band 71 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



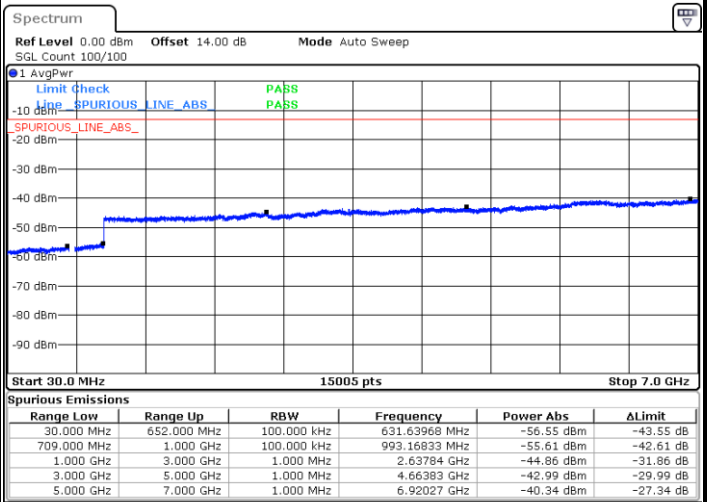
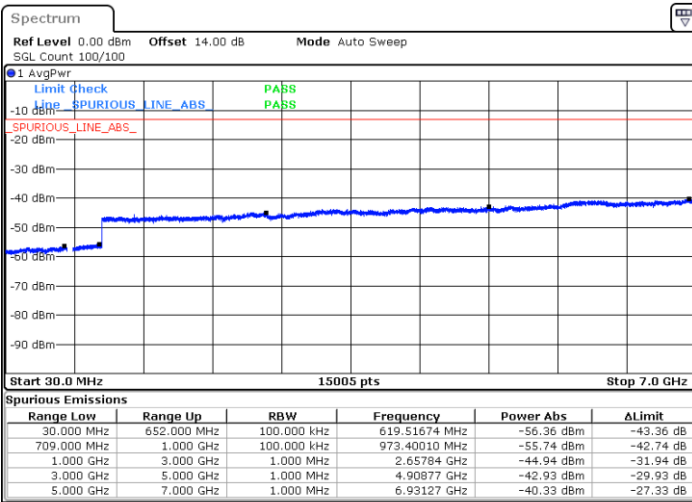
Date: 1.NOV.2022 12:12:36

Date: 1.NOV.2022 12:13:37

LTE Band 71 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 1.NOV.2022 12:31:09

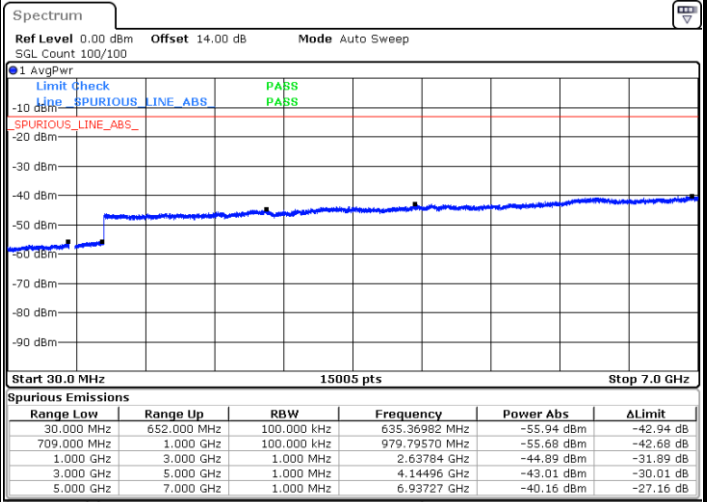
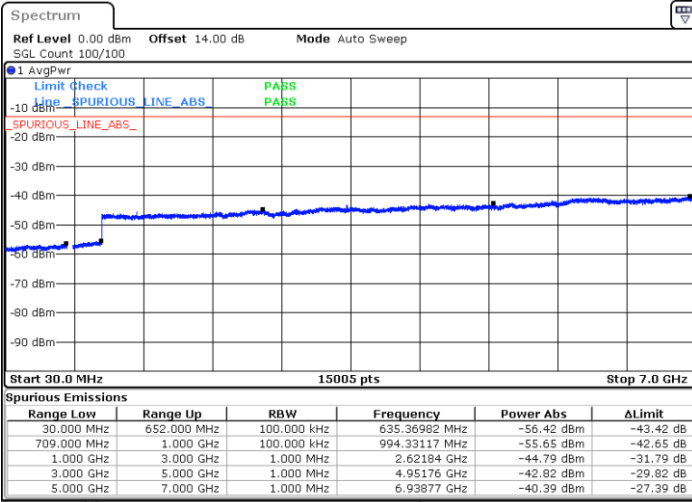
Date: 1.NOV.2022 12:32:11



LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

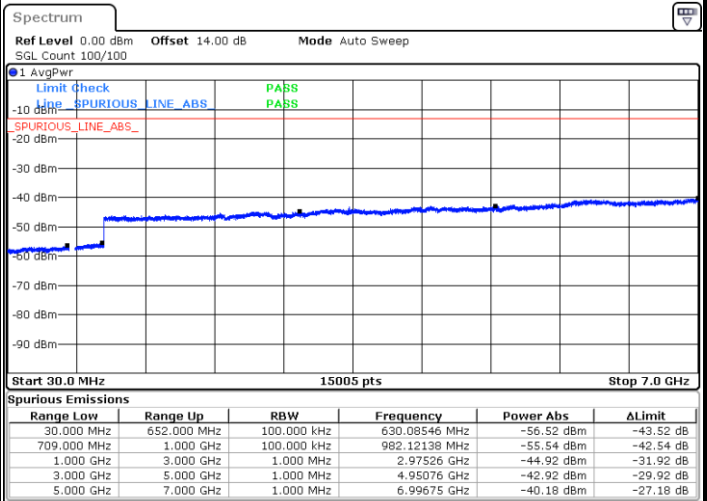
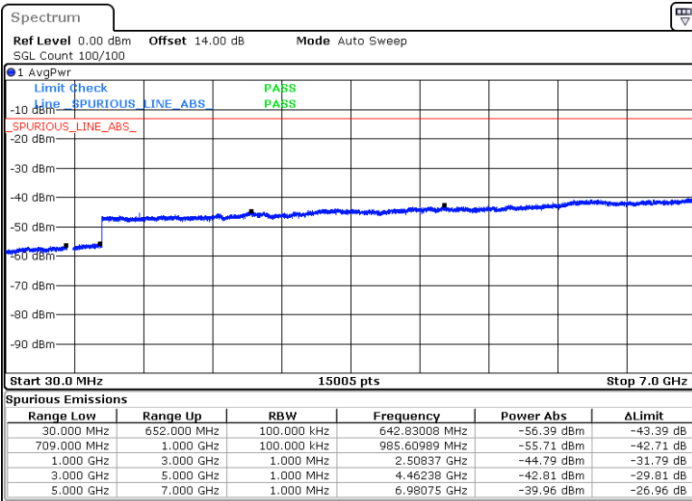


Date: 1.NOV.2022 12:34:49

Date: 1.NOV.2022 12:35:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.NOV.2022 12:43:28

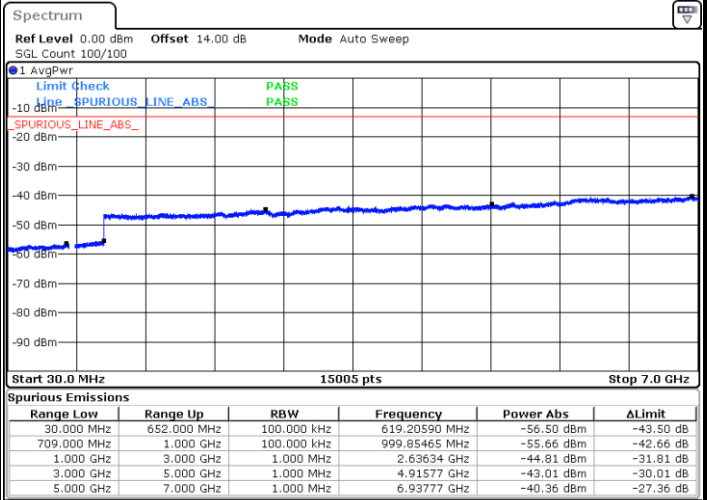
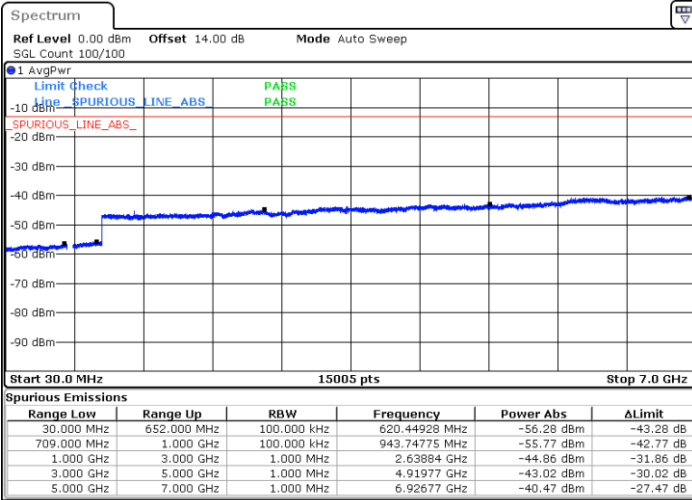
Date: 1.NOV.2022 12:44:31



LTE Band 71 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

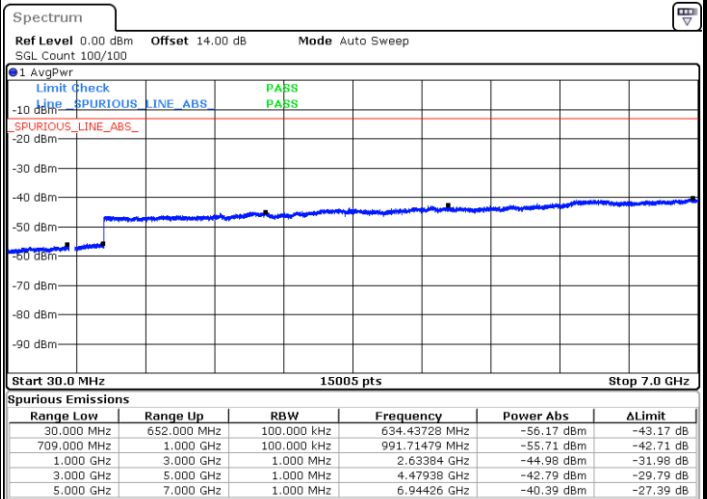
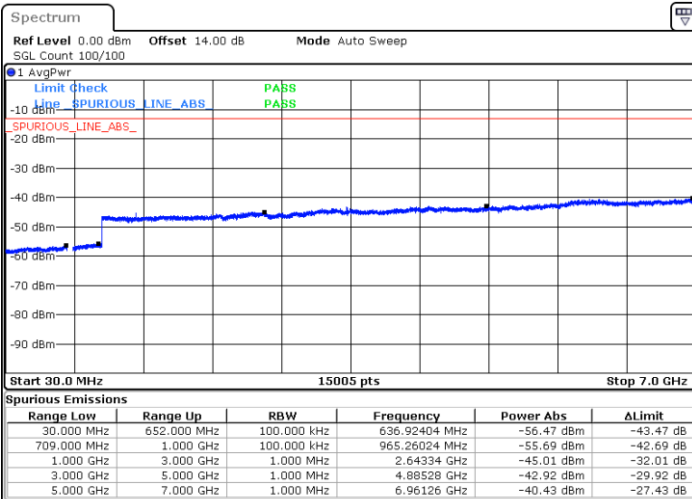


Date: 1.NOV.2022 13:02:11

Date: 1.NOV.2022 13:03:14

Middle Channel / QPSK

Middle Channel / 16QAM



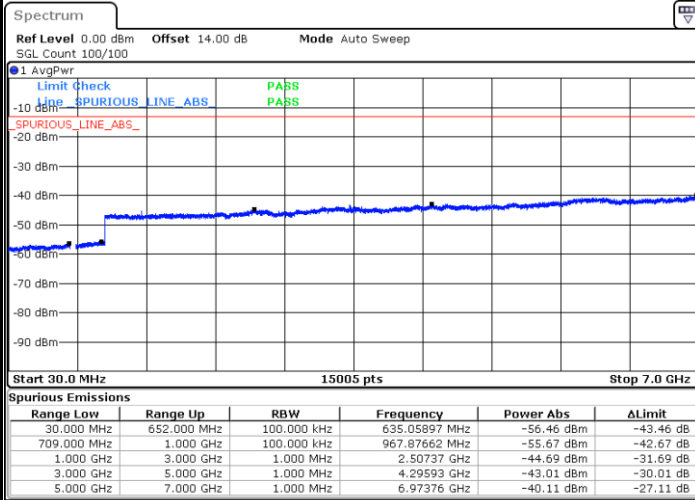
Date: 1.NOV.2022 13:05:54

Date: 1.NOV.2022 13:06:56



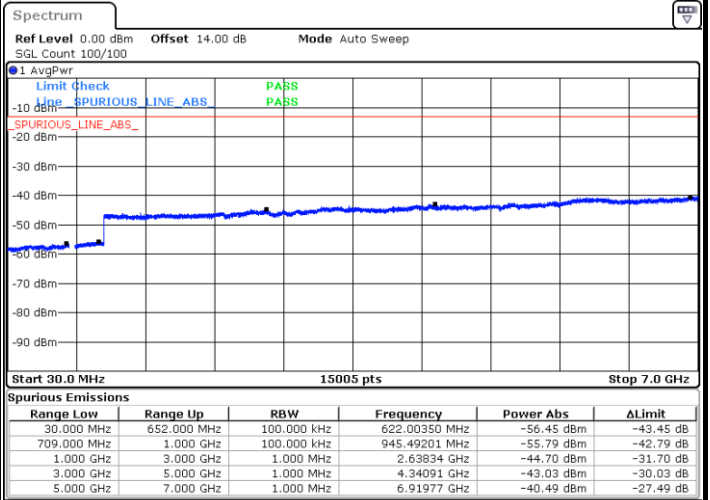
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 1.NOV.2022 13:14:37

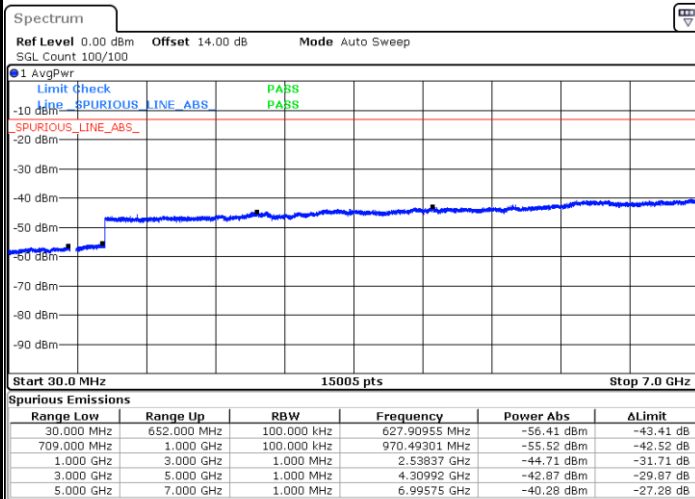
Highest Channel / 16QAM



Date: 1.NOV.2022 13:15:40

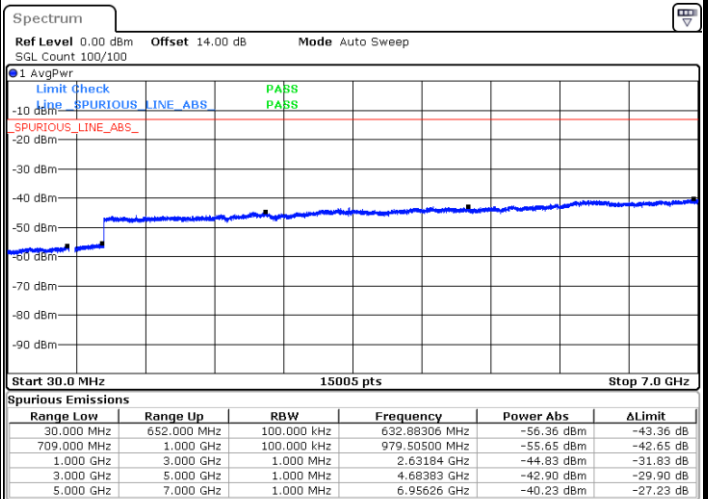
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 1.NOV.2022 13:33:23

Lowest Channel / 16QAM



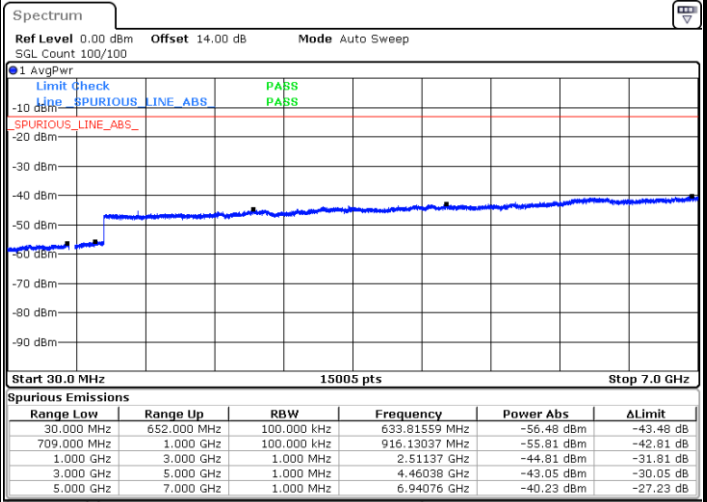
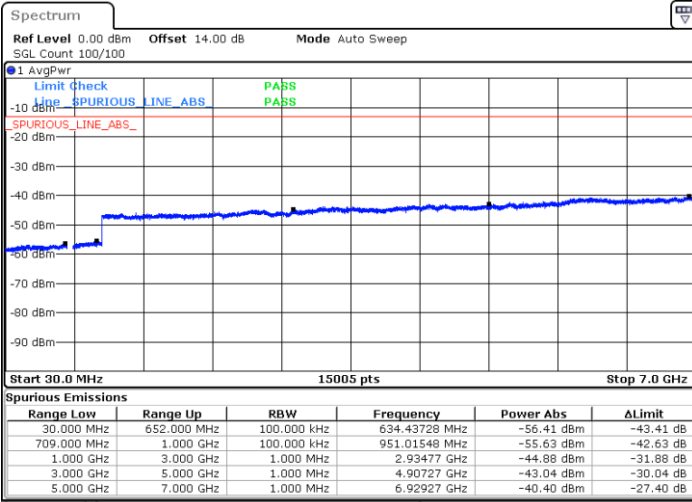
Date: 1.NOV.2022 13:34:27



LTE Band 71 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

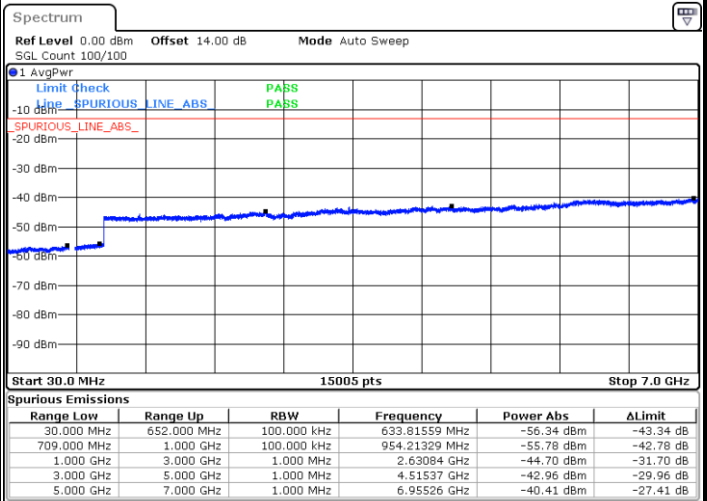
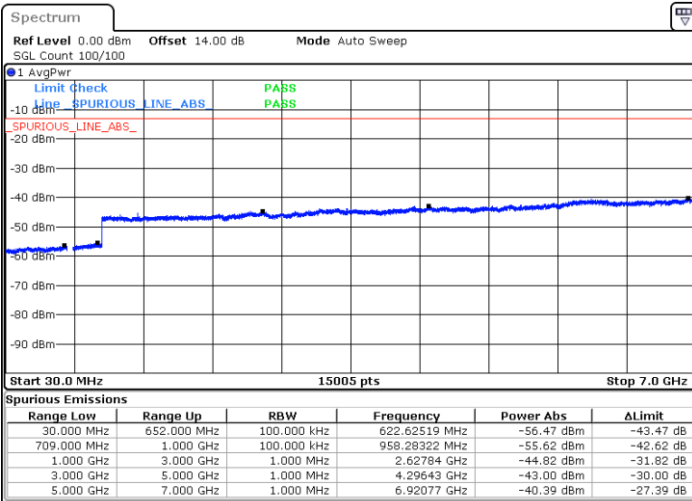


Date: 1.NOV.2022 13:37:05

Date: 1.NOV.2022 13:38:07

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.NOV.2022 13:45:49

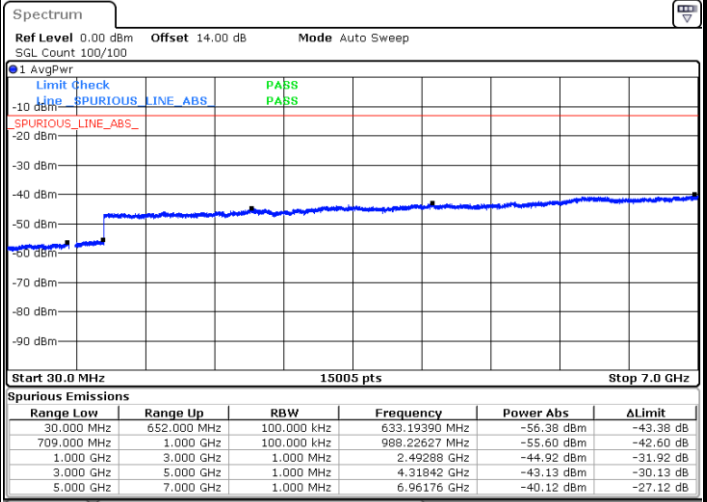
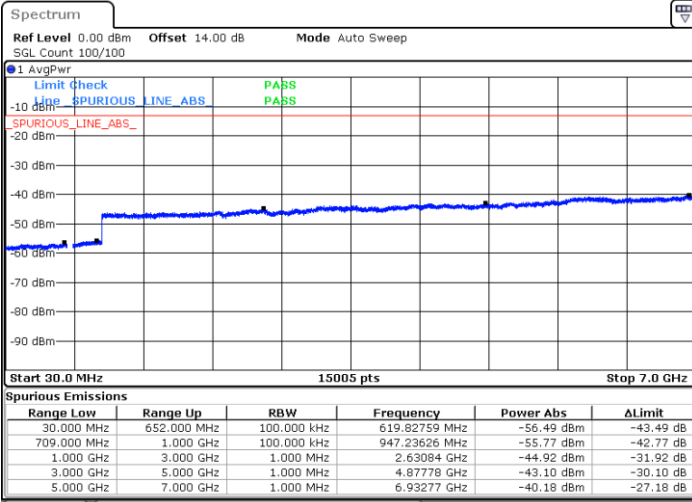
Date: 1.NOV.2022 13:46:52



LTE Band 71 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

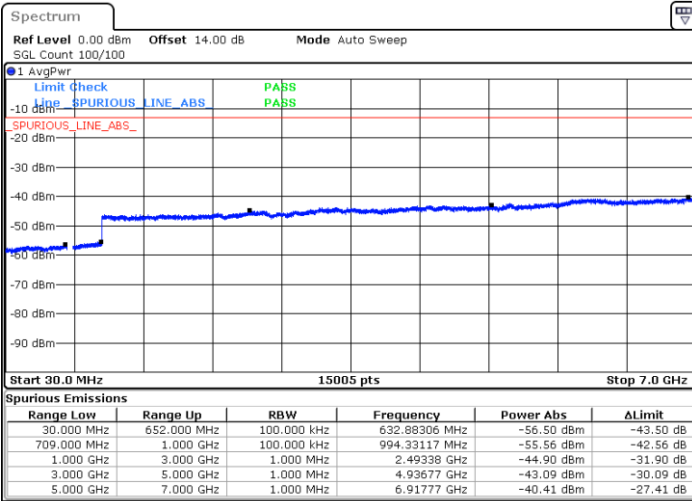


Date: 1.NOV.2022 12:17:46

Date: 1.NOV.2022 12:19:27

Highest Channel / 64QAM

NA



Date: 1.NOV.2022 12:23:35

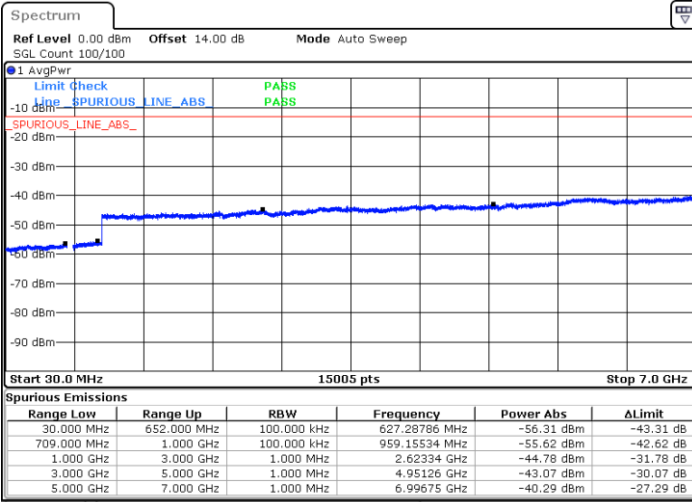
NA



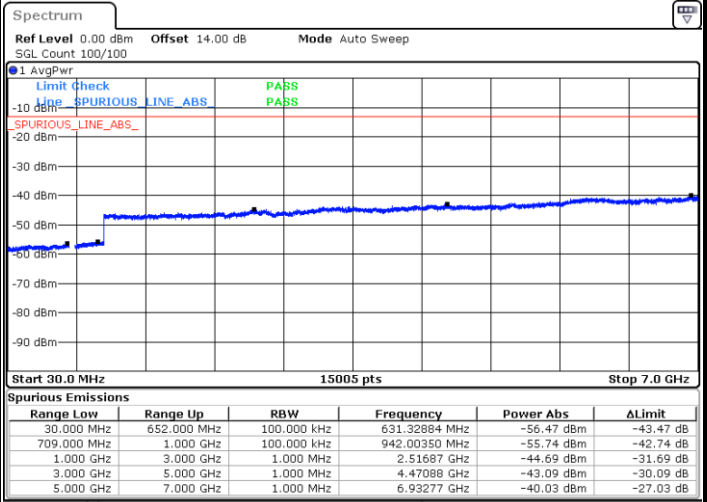
LTE Band 71 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



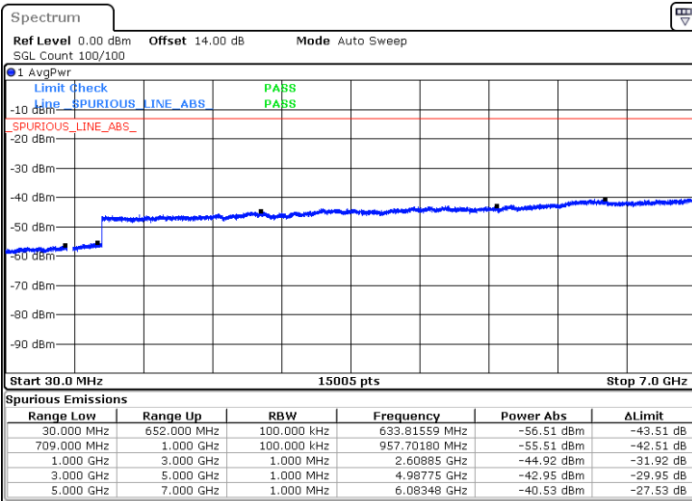
Date: 1.NOV.2022 12:48:41



Date: 1.NOV.2022 12:50:22

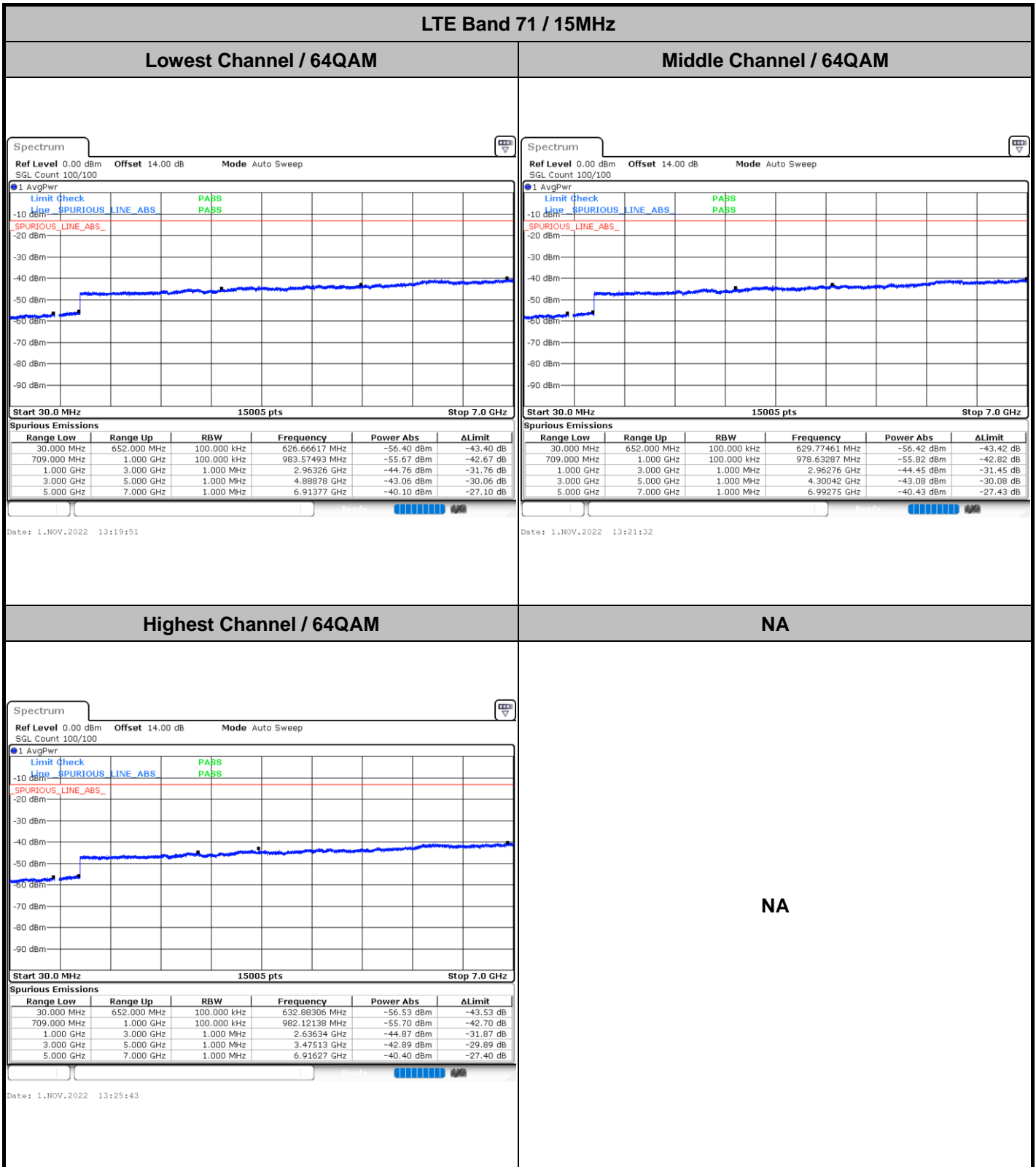
Highest Channel / 64QAM

NA



Date: 1.NOV.2022 12:54:32

NA

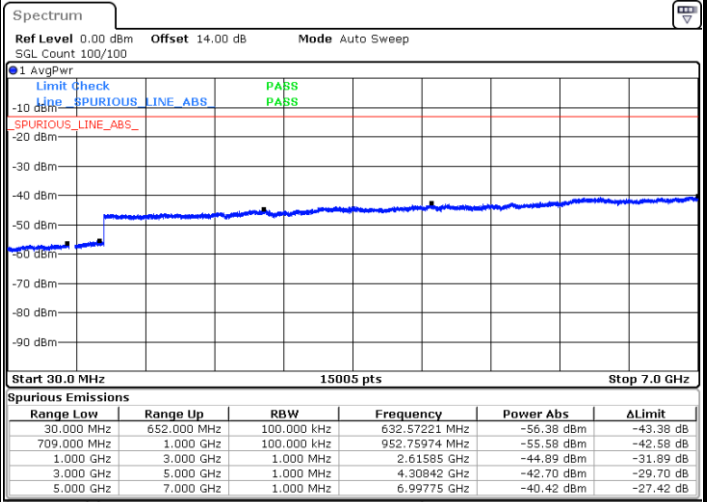
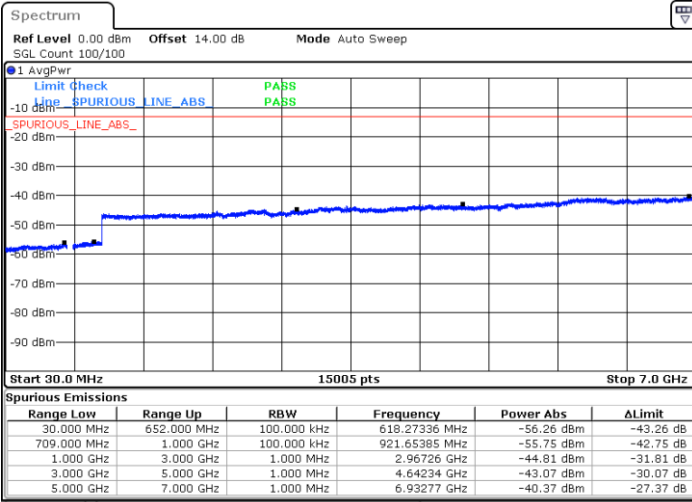




LTE Band 71 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

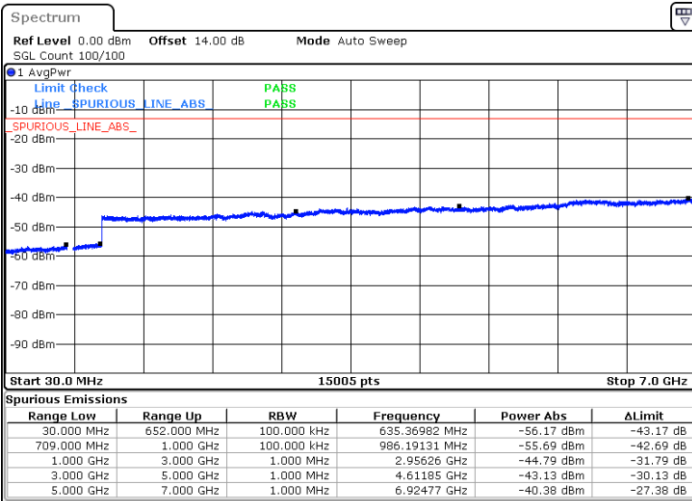


Date: 1.NOV.2022 13:51:02

Date: 1.NOV.2022 13:52:43

Highest Channel / 64QAM

NA



Date: 1.NOV.2022 13:56:53

NA



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	0.0009	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =6.6 V. ; Maximum Voltage =8.96 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 :	KuangJia	Temperature :	22~25°C
		Relative Humidity :	48~52%

Pre-scanned Ant.0/1 for LTE Band 5/12/13/17/26/71 and Ant.4/5/6/7 for LTE Band 2/4/25/66, only the worst results are recorded in the report.

LTE Band 12 / 10MHz / QPSK-Ant 0									
Channel	Frequency (MHz)	ERP (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	-65.44	-13	-52.44	-76.24	-68.67	3.98	9.36	H
	2098.5	-56.37	-13	-43.37	-73.84	-59.92	4.85	10.55	H
	2798	-59.81	-13	-46.81	-78.82	-64.74	5.50	12.58	H
	1399	-64.24	-13	-51.24	-76.07	-67.47	3.98	9.36	V
	2098.5	-59.22	-13	-46.22	-76.48	-62.77	4.85	10.55	V
	2798	-58.62	-13	-45.62	-78.39	-63.55	5.50	12.58	V
Middle	1406	-65.46	-13	-52.46	-76.25	-68.71	4.00	9.40	H
	2109	-60.96	-13	-47.96	-78.43	-64.53	4.88	10.60	H
	2812	-59.70	-13	-46.70	-78.79	-64.63	5.52	12.60	H
	1406	-64.22	-13	-51.22	-76.07	-67.47	4.00	9.40	V
	2109	-61.08	-13	-48.08	-78.34	-64.65	4.88	10.60	V
	2812	-58.67	-13	-45.67	-78.57	-63.60	5.52	12.60	V
Highest	1413	-65.55	-13	-52.55	-76.34	-68.72	4.10	9.42	H
	2119.5	-60.25	-13	-47.25	-77.81	-63.83	4.90	10.63	H
	2826	-59.82	-13	-46.82	-78.91	-64.74	5.55	12.62	H
	1413	-64.24	-13	-51.24	-76.09	-67.41	4.10	9.42	V
	2119.5	-61.02	-13	-48.02	-78.35	-64.60	4.90	10.63	V
	2826	-58.73	-13	-45.73	-78.63	-63.65	5.55	12.62	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554.5	-64.95	-13	-51.95	-76.24	-68.18	3.98	9.36	H
	2331.75	-59.87	-13	-46.87	-77.85	-63.42	4.85	10.55	H
	3109	-58.11	-13	-45.11	-78.17	-63.04	5.50	12.58	H
	1554.5	-64.17	-13	-51.17	-76.08	-67.40	3.98	9.36	V
	2331.75	-59.80	-13	-46.80	-78.06	-63.35	4.85	10.55	V
	3109	-56.34	-13	-43.34	-78.13	-61.27	5.50	12.58	V
Middle	1559.5	-64.62	-42.15	-22.47	-75.91	-67.87	4.00	9.40	H
	2339.25	-59.96	-13	-46.96	-77.94	-63.53	4.88	10.60	H
	3119	-58.38	-13	-45.38	-78.47	-63.31	5.52	12.60	H
	1559.5	-63.94	-42.15	-21.79	-75.85	-67.19	4.00	9.40	V
	2339.25	-59.69	-13	-46.69	-78.04	-63.26	4.88	10.60	V
	3119	-56.64	-13	-43.64	-78.53	-61.57	5.52	12.60	V
Highest	1564.5	-64.82	-42.15	-22.67	-76.11	-67.99	4.10	9.42	H
	2346.75	-60.05	-13	-47.05	-78.03	-63.63	4.90	10.63	H
	3129	-58.45	-13	-45.45	-78.54	-63.37	5.55	12.62	H
	1564.5	-64.37	-42.15	-22.22	-76.28	-67.54	4.10	9.42	V
	2346.75	-59.61	-13	-46.61	-77.96	-63.19	4.90	10.63	V
	3129	-56.43	-13	-43.43	-78.32	-61.35	5.55	12.62	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1564	-64.73	-42.5	-22.23	-76.02	-67.98	4.00	9.40	H
	2346	-60.18	-13	-47.18	-78.16	-63.75	4.88	10.60	H
	3128	-58.80	-13	-45.80	-78.89	-63.73	5.52	12.60	H
	1564	-64.00	-42.5	-21.5	-75.91	-67.25	4.00	9.40	V
	2346	-59.66	-13	-46.66	-78.01	-63.23	4.88	10.60	V
	3128	-56.99	-13	-43.99	-78.88	-61.92	5.52	12.60	V

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



LTE Band 25 / 20MHz / QPSK-Ant 7									
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	3702	-56.67	-13	-43.67	-79.67	-63.43	5.82	12.58	H
	5553	-56.78	-13	-43.78	-81.19	-62.50	7.28	13.00	H
	7404	-54.50	-13	-41.50	-81.25	-57.66	8.32	11.48	H
	3702	-54.40	-13	-41.40	-79.09	-61.16	5.82	12.58	V
	5553	-56.18	-13	-43.18	-81.02	-61.90	7.28	13.00	V
	7404	-52.49	-13	-39.49	-79.21	-55.65	8.32	11.48	V
Middle	3747	-57.51	-13	-44.51	-79.85	-64.26	5.85	12.60	H
	5620.5	-56.81	-13	-43.81	-81.01	-62.61	7.30	13.10	H
	7494	-54.76	-13	-41.76	-81.16	-57.91	8.35	11.50	H
	3747	-54.63	-13	-41.63	-80.13	-61.38	5.85	12.60	V
	5620.5	-56.43	-13	-43.43	-81.13	-62.23	7.30	13.10	V
	7494	-51.90	-13	-38.90	-78.29	-55.05	8.35	11.50	V
Highest	3792	-57.14	-13	-44.14	-80.37	-63.88	5.88	12.62	H
	5688	-56.52	-13	-43.52	-80.94	-62.33	7.32	13.13	H
	7584	-54.71	-13	-41.71	-80.79	-57.87	8.38	11.54	H
	3792	-55.03	-13	-42.03	-79.75	-61.77	5.88	12.62	V
	5688	-55.88	-13	-42.88	-80.65	-61.69	7.32	13.13	V
	7584	-48.45	-13	-35.45	-74.53	-51.61	8.38	11.54	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.5	-64.58	-13	-51.58	-76.14	-67.81	3.98	9.36	H
	2474.25	-59.84	-13	-46.84	-78.48	-63.39	4.85	10.55	H
	3299	-58.12	-13	-45.12	-78.90	-63.05	5.50	12.58	H
	1649.5	-64.16	-13	-51.16	-76.36	-67.39	3.98	9.36	V
	2474.25	-58.94	-13	-45.94	-77.90	-62.49	4.85	10.55	V
	3299	-57.37	-13	-44.37	-79.04	-62.30	5.50	12.58	V
Middle	1659.5	-64.54	-13	-51.54	-76.19	-67.79	4.00	9.40	H
	2489.25	-59.86	-13	-46.86	-78.63	-63.43	4.88	10.60	H
	3319	-58.87	-13	-45.87	-79.75	-63.80	5.52	12.60	H
	1659.5	-63.96	-13	-50.96	-76.28	-67.21	4.00	9.40	V
	2489.25	-59.56	-13	-46.56	-78.59	-63.13	4.88	10.60	V
	3319	-58.09	-13	-45.09	-79.67	-63.02	5.52	12.60	V
Highest	1669.5	-64.31	-13	-51.31	-75.96	-67.48	4.10	9.42	H
	2504.25	-59.44	-13	-46.44	-78.21	-63.02	4.90	10.63	H
	3339	-58.04	-13	-45.04	-79.11	-62.96	5.55	12.62	H
	1669.5	-64.40	-13	-51.40	-76.72	-67.57	4.10	9.42	V
	2504.25	-59.37	-13	-46.37	-78.40	-62.95	4.90	10.63	V
	3339	-57.81	-13	-44.81	-79.18	-62.73	5.55	12.62	V

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



LTE Band 66 / 20MHz / QPSK-Ant 7									
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	3422	-58.55	-13	-45.55	-79.13	-65.43	5.60	12.48	H
	5133	-44.73	-13	-31.73	-68.42	-50.41	7.10	12.78	H
	6844	-55.61	-13	-42.61	-81.22	-59.00	8.38	11.77	H
	3422	-57.66	-13	-44.66	-79.44	-64.54	5.60	12.48	V
	5133	-56.17	-13	-43.17	-80.6	-61.85	7.10	12.78	V
	6844	-53.00	-13	-40.00	-80.44	-56.39	8.38	11.77	V
Middle	3472	-58.00	-13	-45.00	-79.95	-64.85	5.65	12.50	H
	5208	-44.69	-13	-31.69	-68.91	-50.36	7.13	12.80	H
	6944	-55.51	-13	-42.51	-81.22	-58.91	8.40	11.80	H
	3472	-57.38	-13	-44.38	-79.13	-64.23	5.65	12.50	V
	5208	-54.69	-13	-41.69	-79.08	-60.36	7.13	12.80	V
	6944	-54.59	-13	-41.59	-81.03	-57.99	8.40	11.80	V
Highest	3522	-57.70	-13	-44.70	-80.03	-64.54	5.68	12.52	H
	5283	-47.12	-13	-34.12	-71.56	-52.79	7.15	12.82	H
	7044	-54.95	-13	-41.95	-80.91	-58.38	8.42	11.85	H
	3522	-56.56	-13	-43.56	-79.29	-63.40	5.68	12.52	V
	5283	-56.17	-13	-43.17	-80.4	-61.84	7.15	12.82	V
	7044	-54.42	-13	-41.42	-81.05	-57.85	8.42	11.85	V

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



LTE Band 71 / 20MHz / QPSK-Ant 0									
Channel	Frequency (MHz)	ERP (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	-65.13	-13	-52.13	-75.63	-68.36	3.98	9.36	H
	1992	-60.85	-13	-47.85	-77.50	-64.40	4.85	10.55	H
	2656	-59.35	-13	-46.35	-78.57	-64.28	5.50	12.58	H
	1328	-63.95	-13	-50.95	-75.38	-67.18	3.98	9.36	V
	1992	-61.11	-13	-48.11	-77.71	-64.66	4.85	10.55	V
	2656	-58.79	-13	-45.79	-78.39	-63.72	5.50	12.58	V
Middle	1343	-65.10	-13	-52.10	-75.59	-68.35	4.00	9.40	H
	2014.5	-60.58	-13	-47.58	-77.60	-64.15	4.88	10.60	H
	2686	-58.90	-13	-45.90	-78.08	-63.83	5.52	12.60	H
	1343	-64.36	-13	-51.36	-75.80	-67.61	4.00	9.40	V
	2014.5	-60.91	-13	-47.91	-77.82	-64.48	4.88	10.60	V
	2686	-58.14	-13	-45.14	-77.78	-63.07	5.52	12.60	V
Highest	1358	-65.38	-13	-52.38	-75.97	-68.55	4.10	9.42	H
	2037	-60.35	-13	-47.35	-77.46	-63.93	4.90	10.63	H
	2716	-59.05	-13	-46.05	-78.18	-63.97	5.55	12.62	H
	1358	-64.19	-13	-51.19	-75.76	-67.36	4.10	9.42	V
	2037	-60.53	-13	-47.53	-77.51	-64.11	4.90	10.63	V
	2716	-58.37	-13	-45.37	-78.05	-63.29	5.55	12.62	V

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