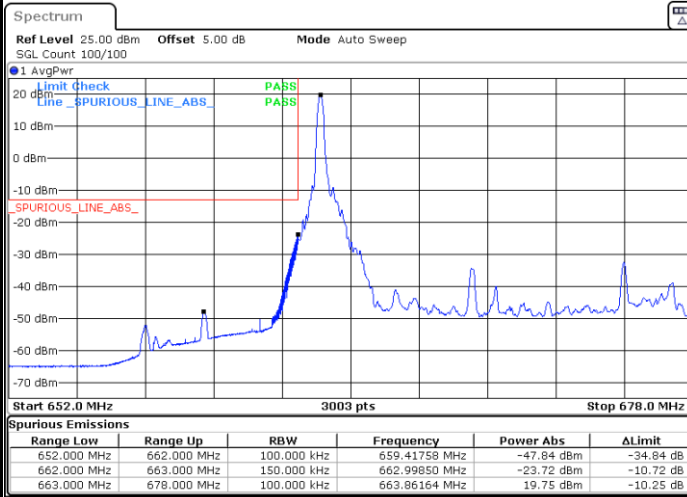




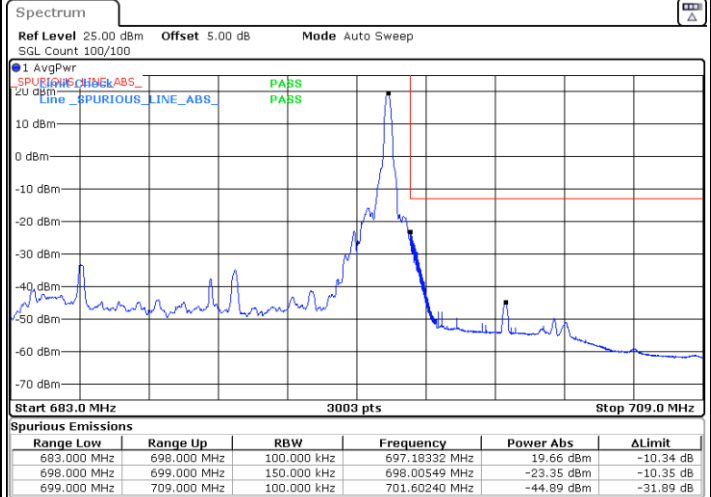
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



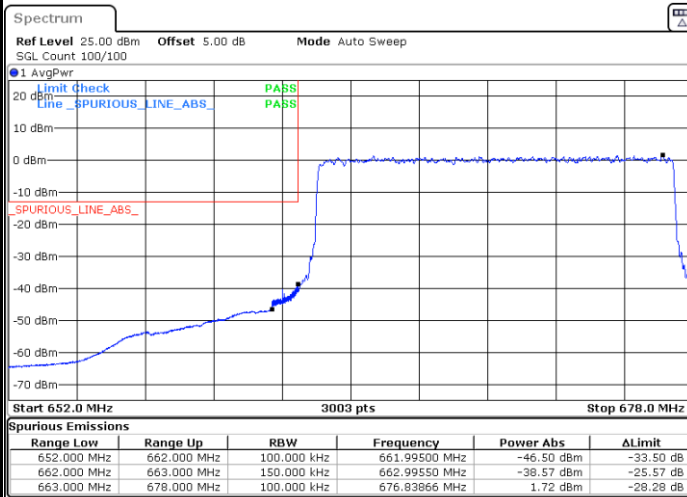
Date: 27_SEP.2024 01:08:22

Highest Band Edge / 1 RB



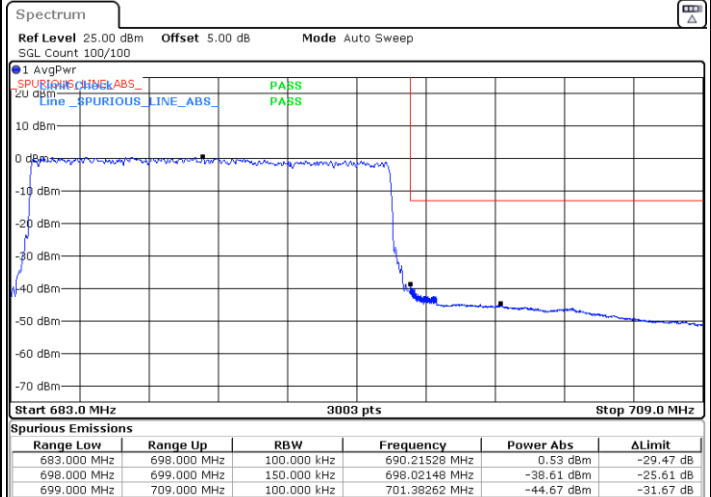
Date: 27_SEP.2024 01:24:15

Lowest Band Edge / Full RB



Date: 27_SEP.2024 01:05:17

Highest Band Edge / Full RB

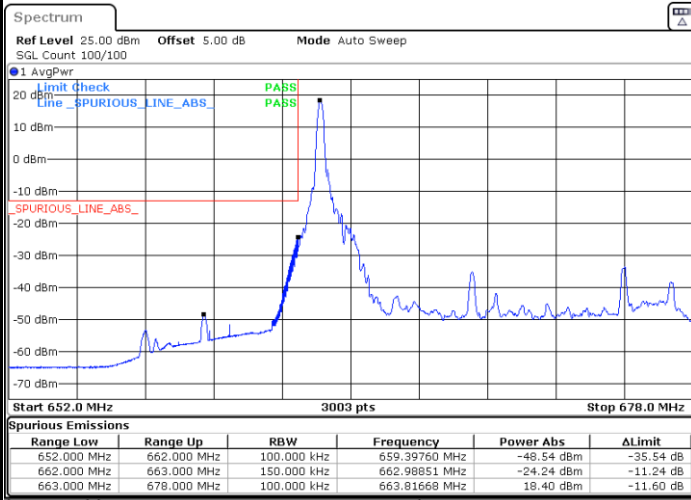


Date: 27_SEP.2024 01:27:23



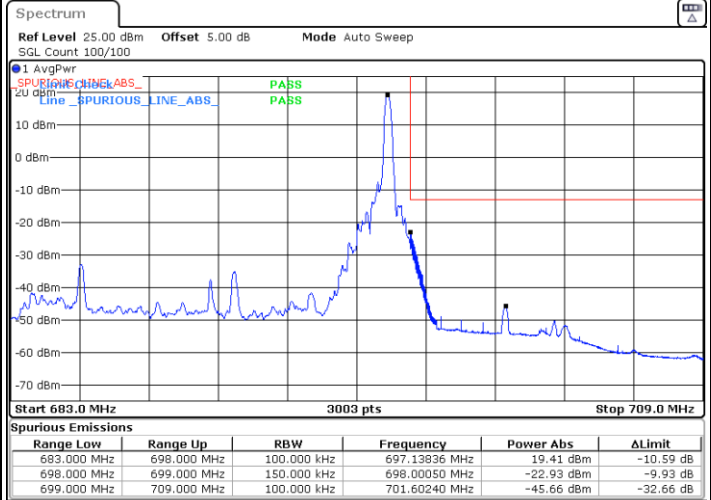
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



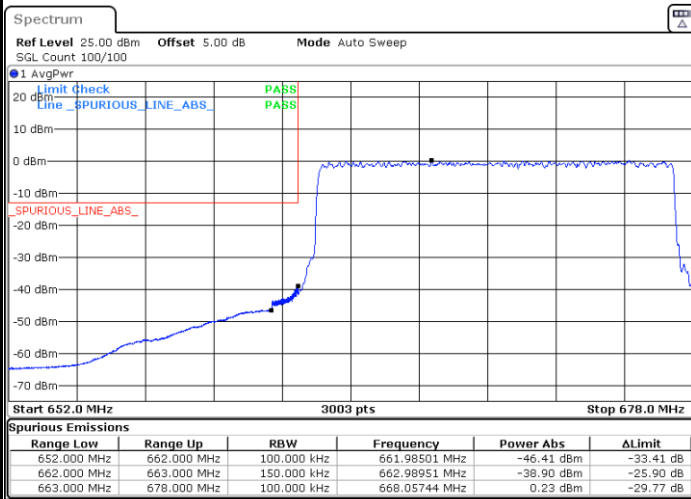
Date: 27.SEP.2024 01:09:11

Highest Band Edge / 1 RB



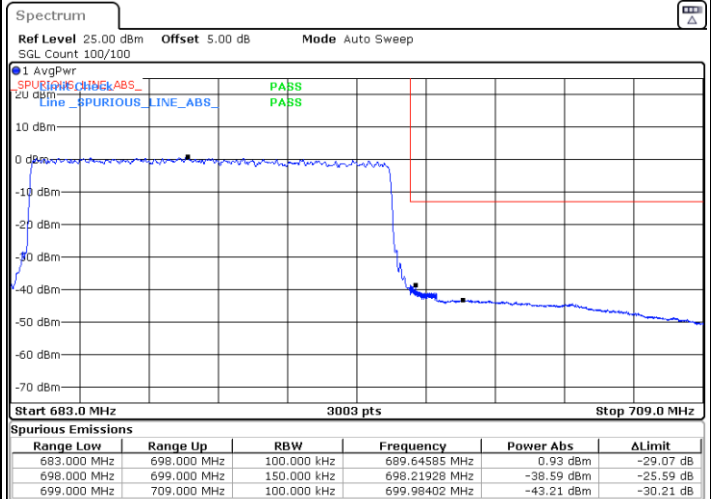
Date: 27.SEP.2024 01:25:04

Lowest Band Edge / Full RB



Date: 27.SEP.2024 01:06:03

Highest Band Edge / Full RB

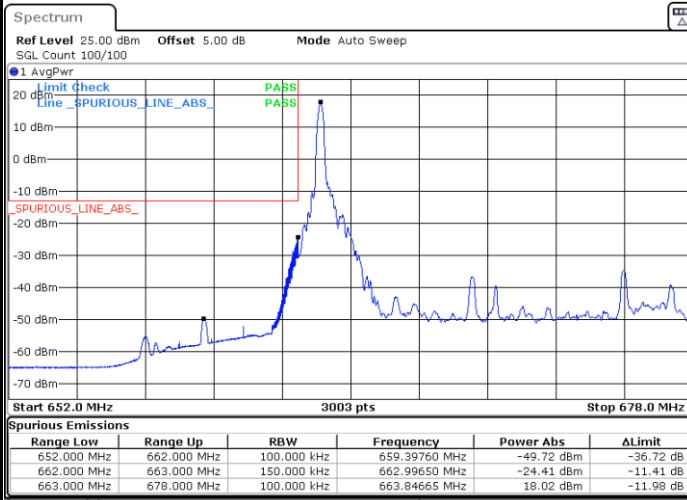


Date: 27.SEP.2024 01:28:09

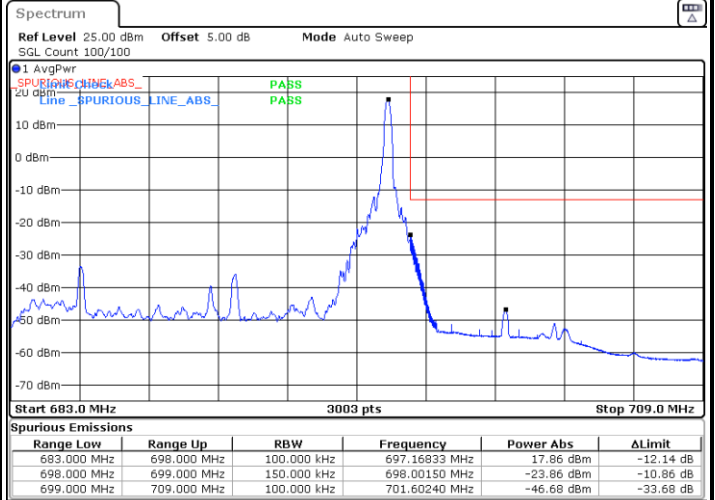


LTE Band 71 / 15MHz / 64QAM

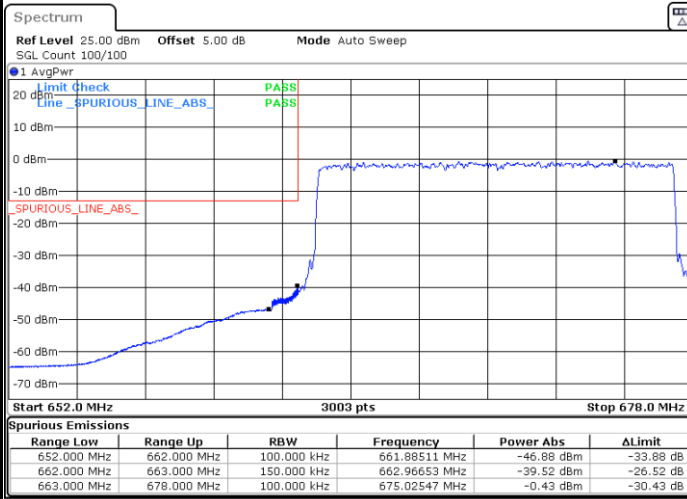
Lowest Band Edge / 1 RB



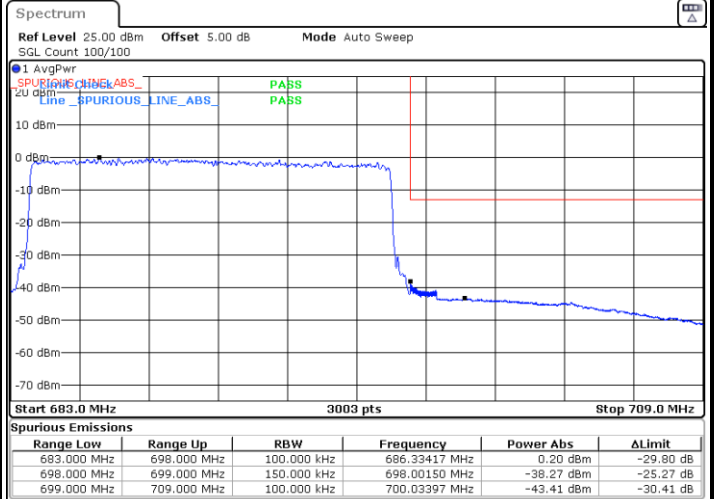
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



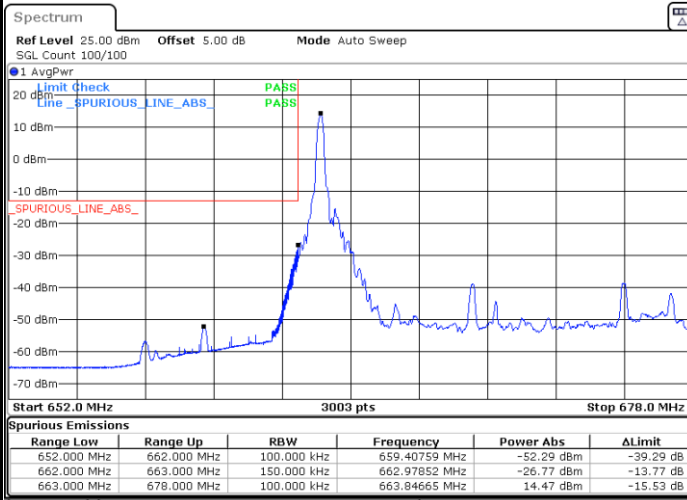
Highest Band Edge / Full RB





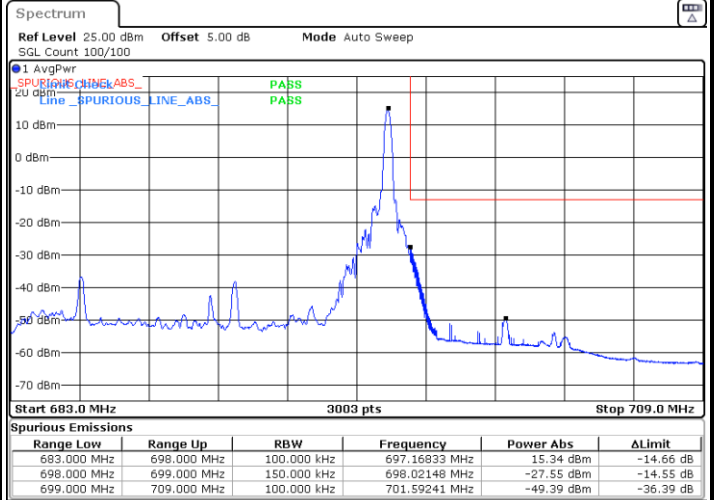
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



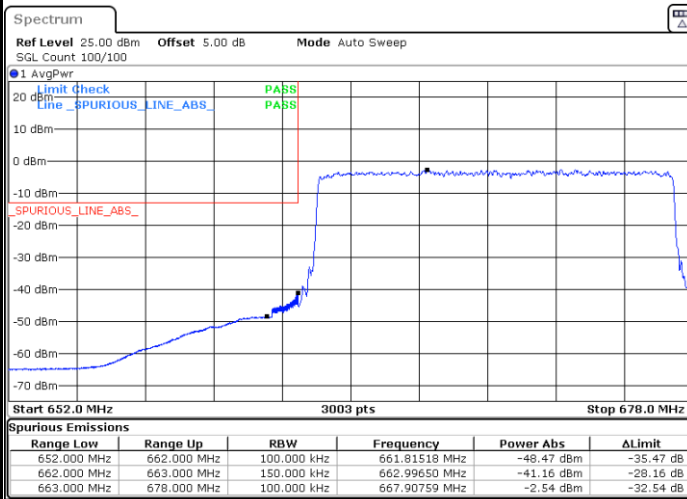
Date: 27.SEP.2024 01:10:43

Highest Band Edge / 1 RB



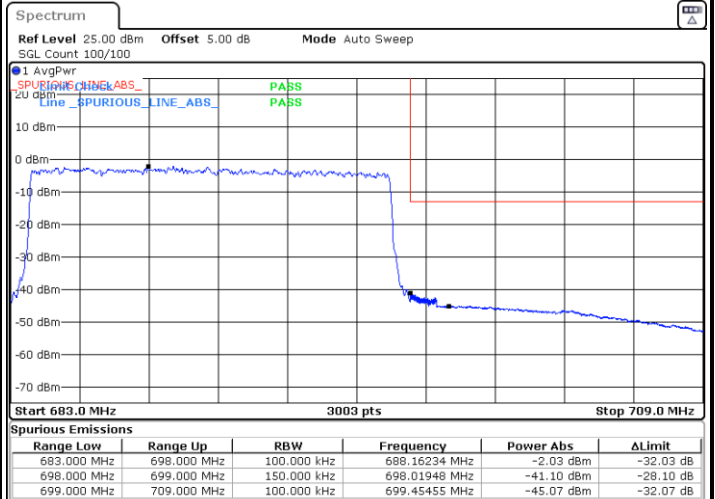
Date: 27.SEP.2024 01:26:37

Lowest Band Edge / Full RB



Date: 27.SEP.2024 01:07:36

Highest Band Edge / Full RB

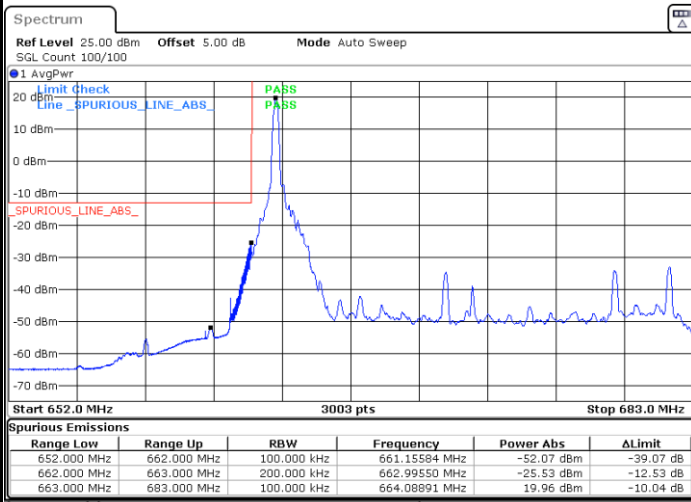


Date: 27.SEP.2024 01:29:41



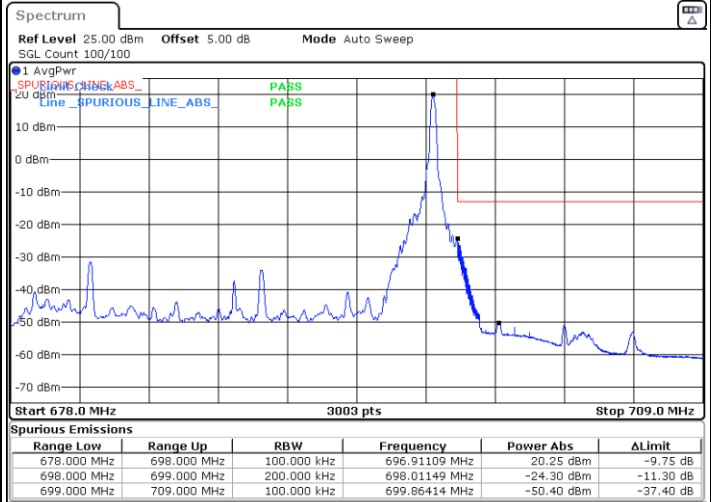
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



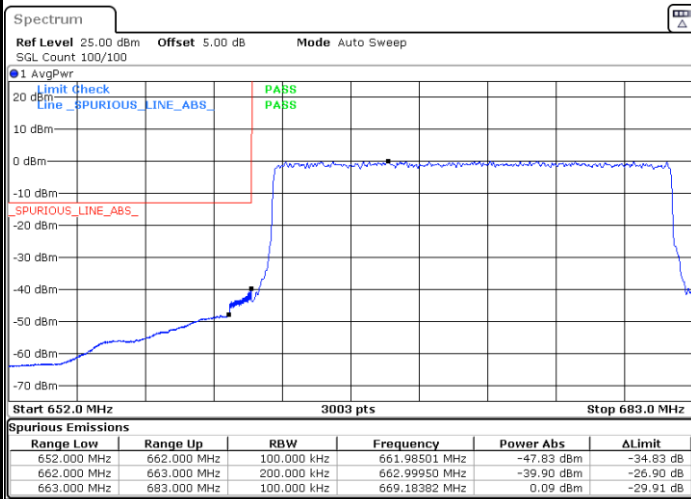
Date: 27.SEP.2024 01:37:11

Highest Band Edge / 1 RB



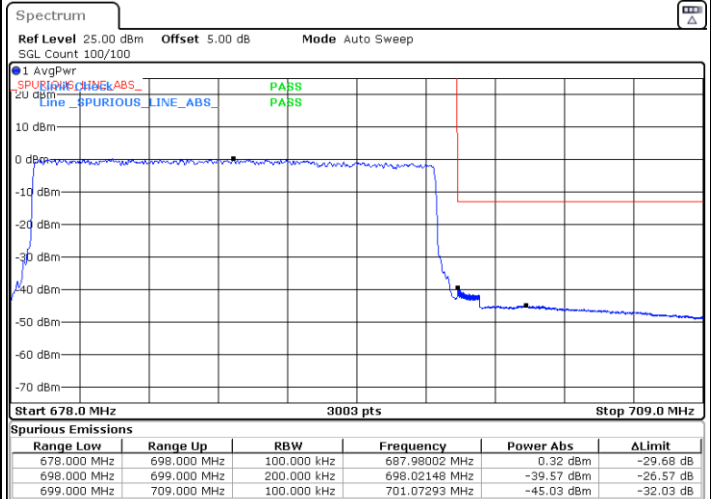
Date: 27.SEP.2024 01:52:05

Lowest Band Edge / Full RB



Date: 27.SEP.2024 01:34:07

Highest Band Edge / Full RB

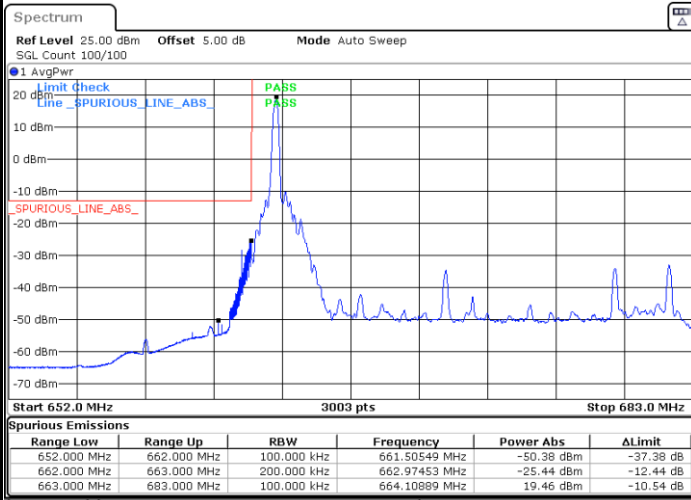


Date: 27.SEP.2024 01:55:49



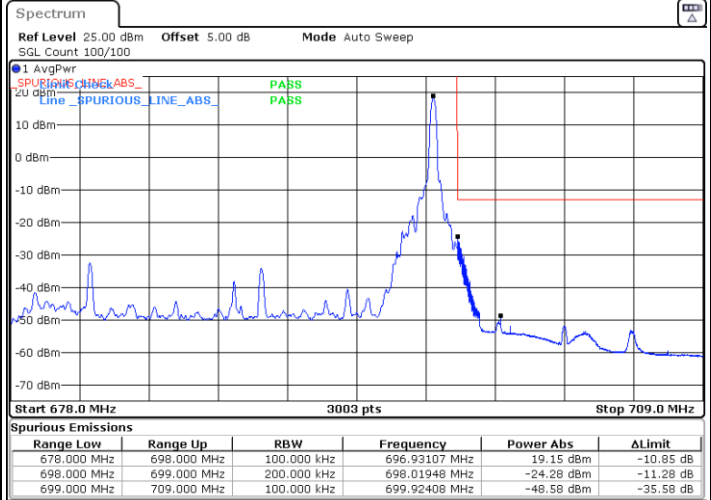
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



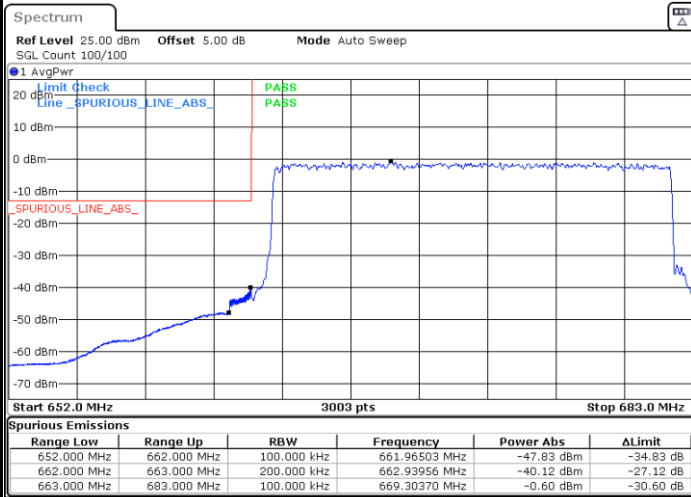
Date: 27.SEP.2024 01:38:00

Highest Band Edge / 1RB



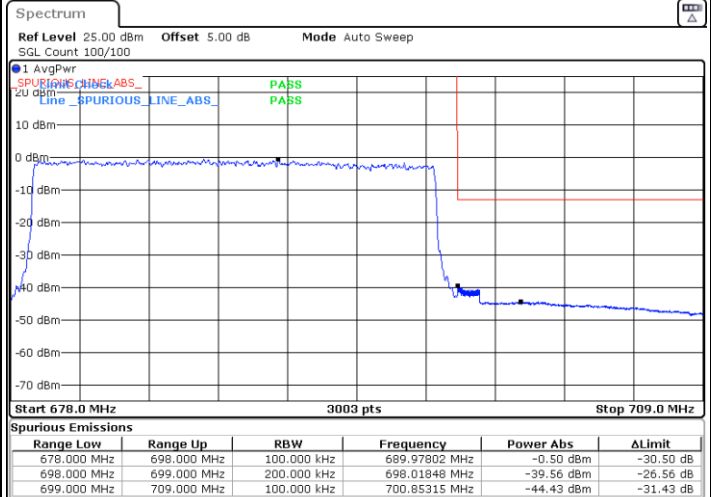
Date: 27.SEP.2024 01:52:51

Lowest Band Edge / Full RB



Date: 27.SEP.2024 01:34:53

Highest Band Edge / Full RB

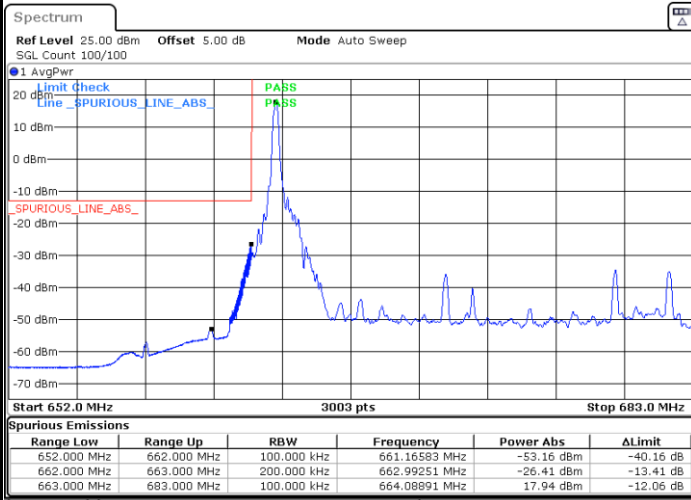


Date: 27.SEP.2024 01:56:35

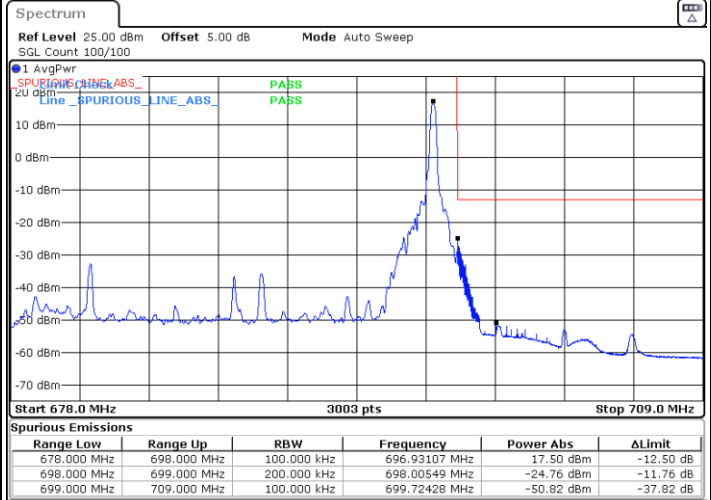


LTE Band 71 / 20MHz / 64QAM

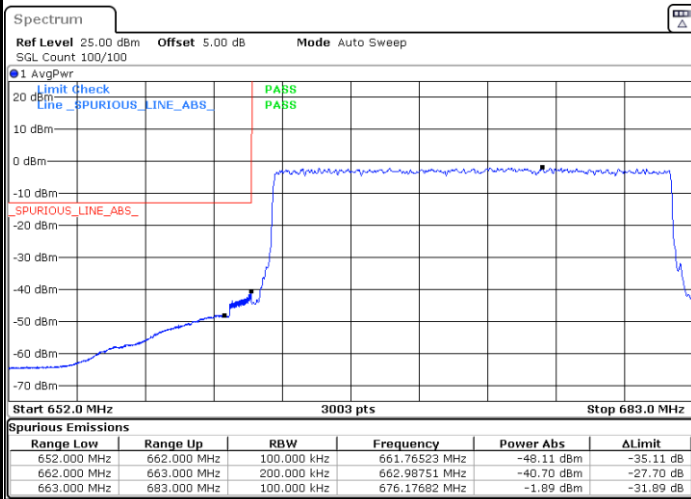
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



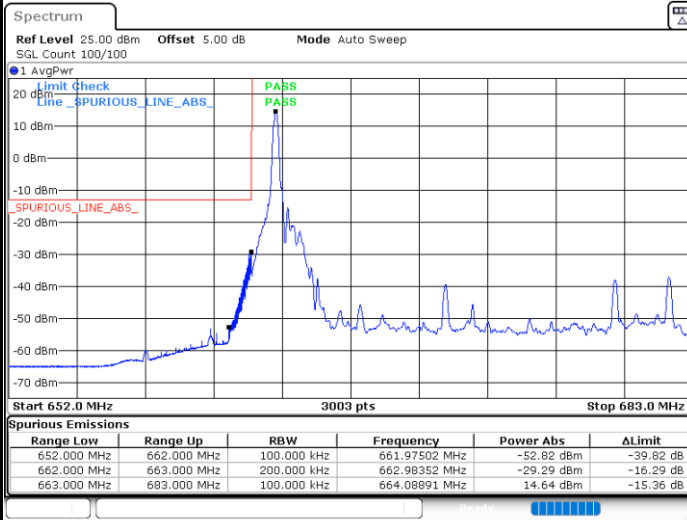
Highest Band Edge / Full RB





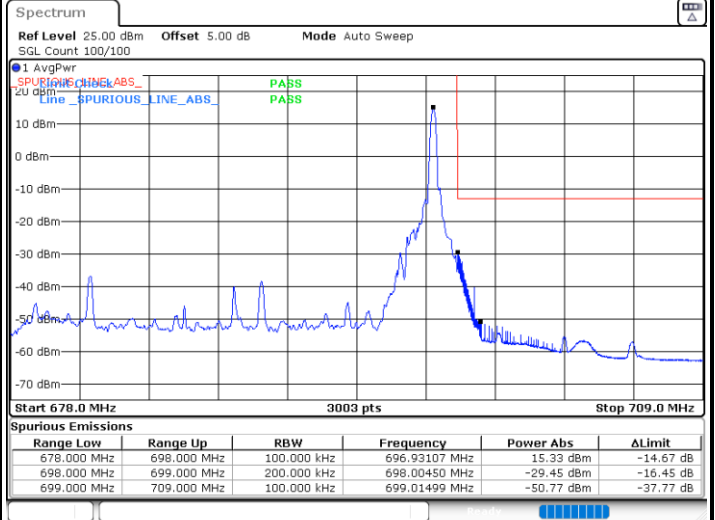
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



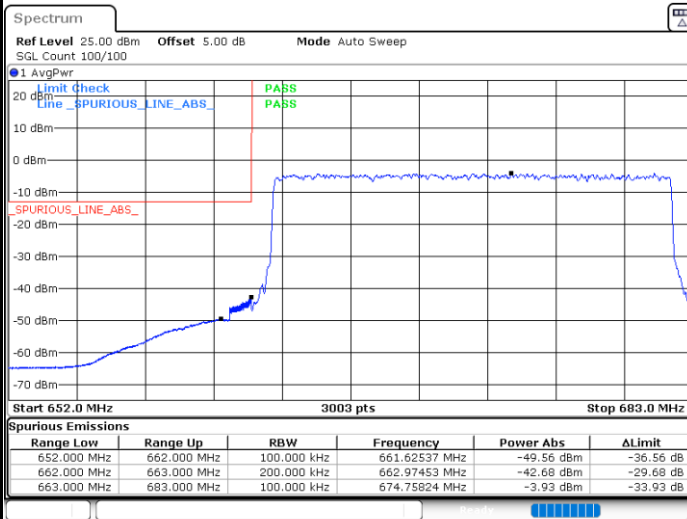
Date: 27_SEP.2024 01:39:32

Highest Band Edge / 1 RB



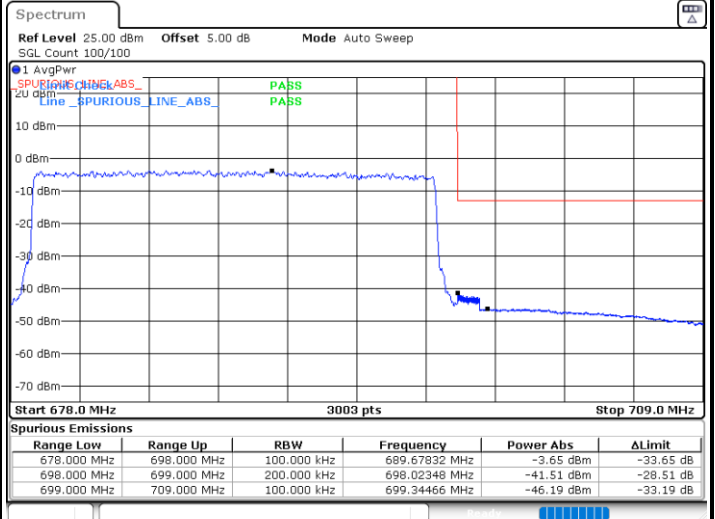
Date: 27_SEP.2024 01:54:23

Lowest Band Edge / Full RB



Date: 27_SEP.2024 01:36:25

Highest Band Edge / Full RB



Date: 27_SEP.2024 01:58:08

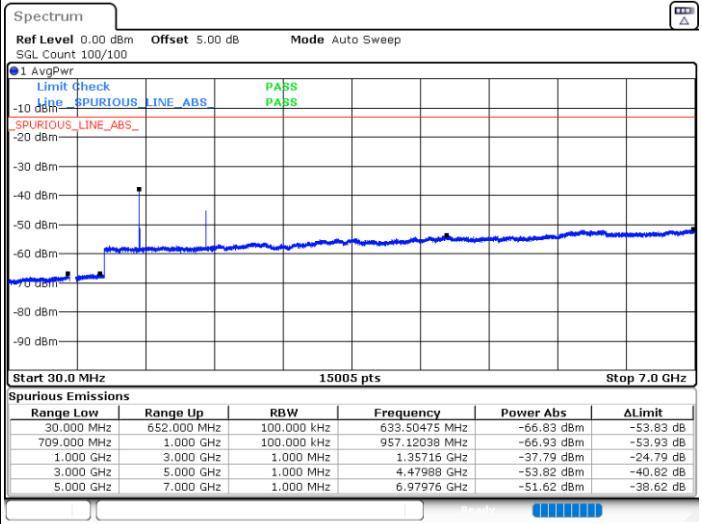
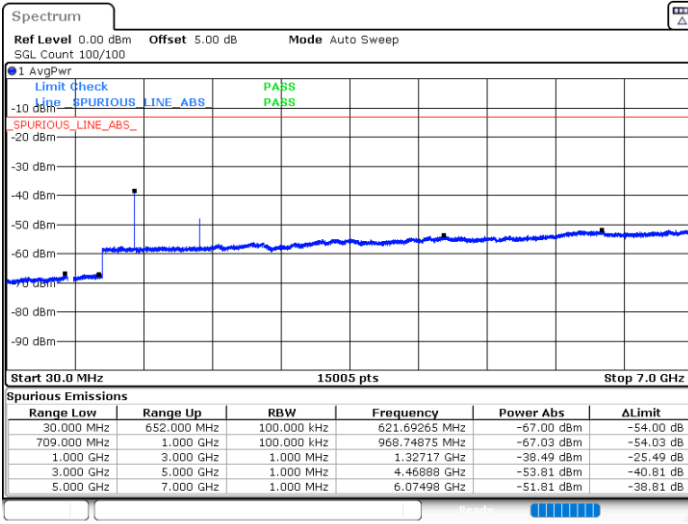


Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

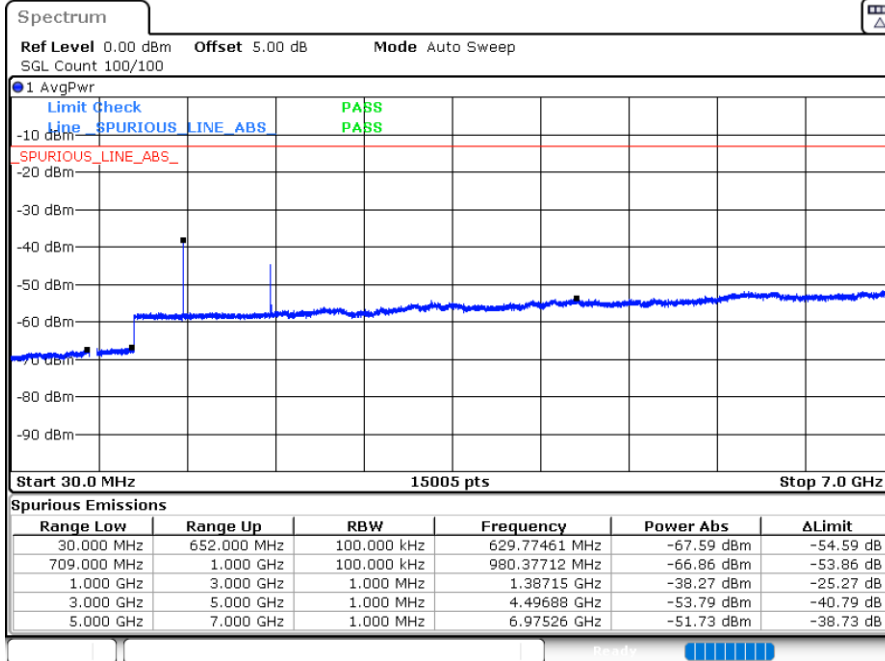
Middle Channel / QPSK



Date: 26.SEP.2024 22:23:22

Date: 26.SEP.2024 23:06:37

Highest Channel / QPSK



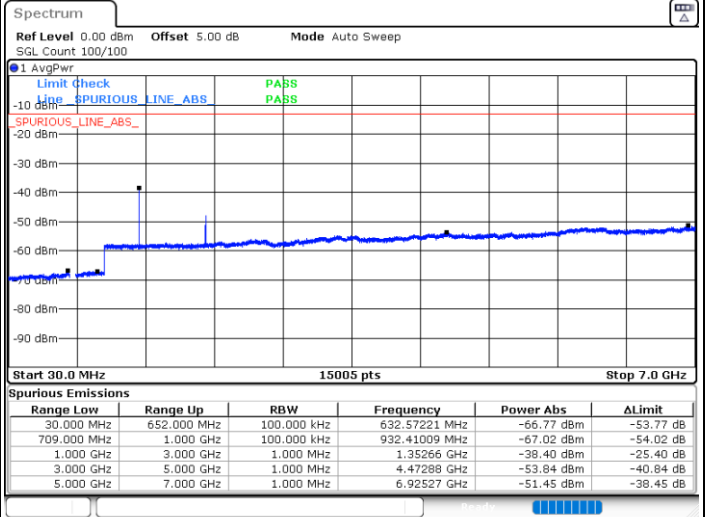
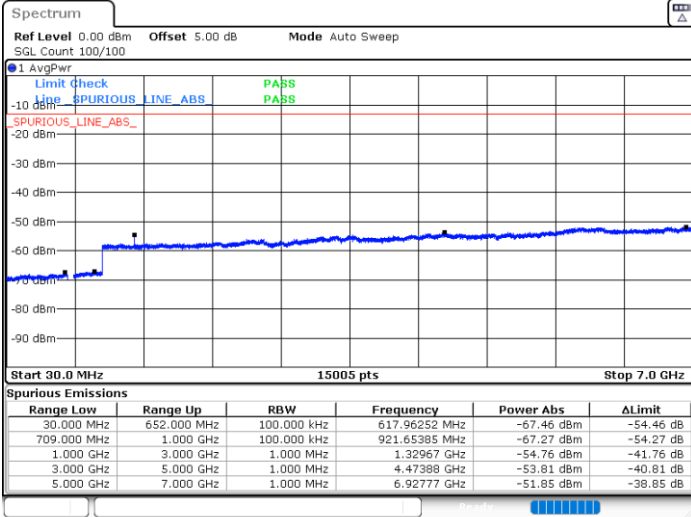
Date: 26.SEP.2024 23:09:21



LTE Band 71 / 10MHz

Lowest Channel / QPSK

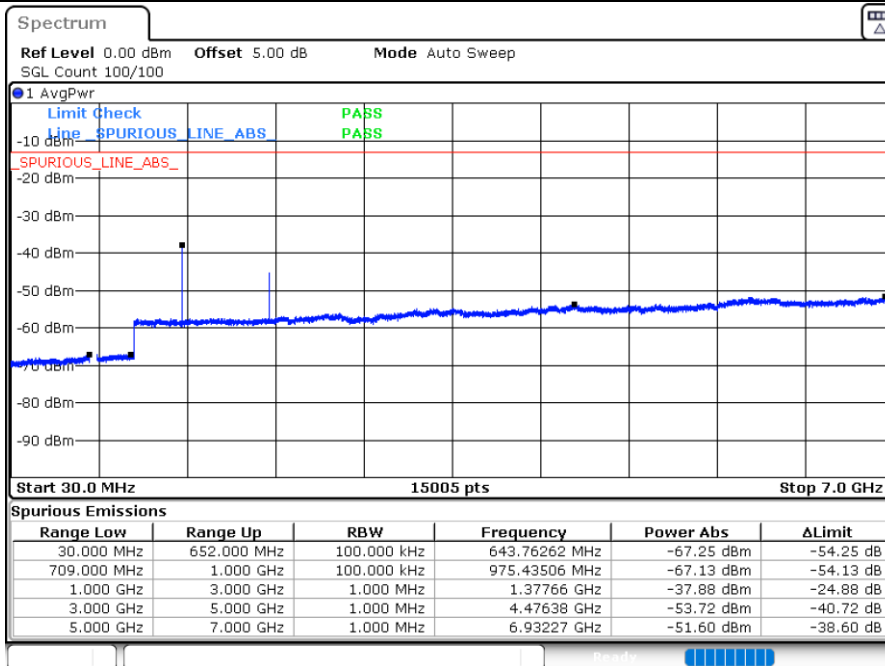
Middle Channel / QPSK



Date: 27.SEP.2024 00:46:42

Date: 27.SEP.2024 00:49:52

Highest Channel / QPSK



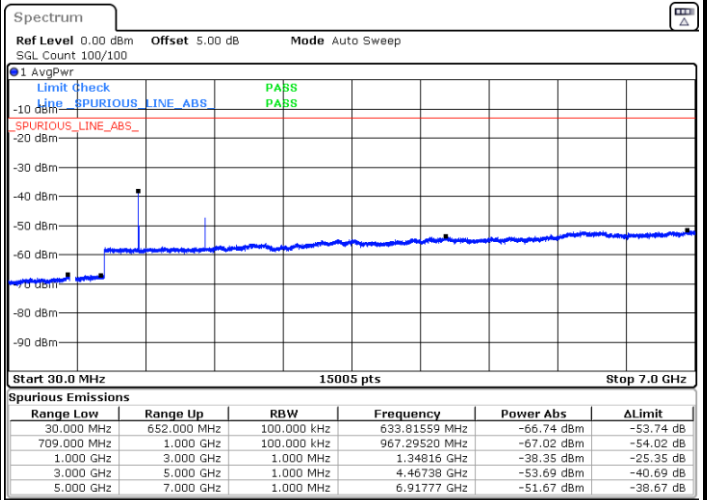
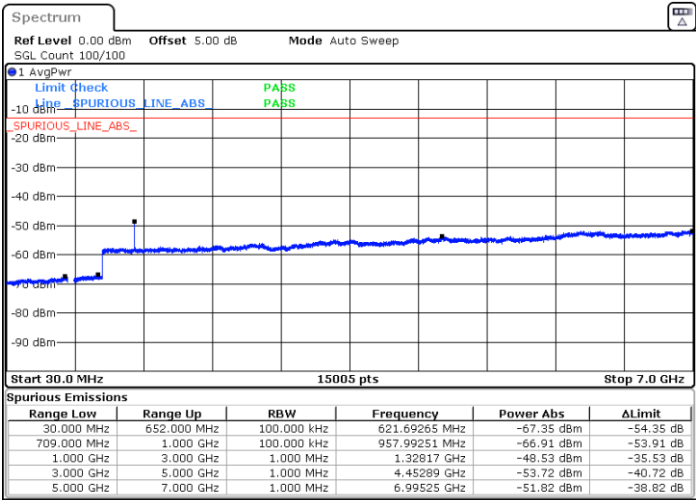
Date: 27.SEP.2024 00:52:35



LTE Band 71 / 15MHz

Lowest Channel / QPSK

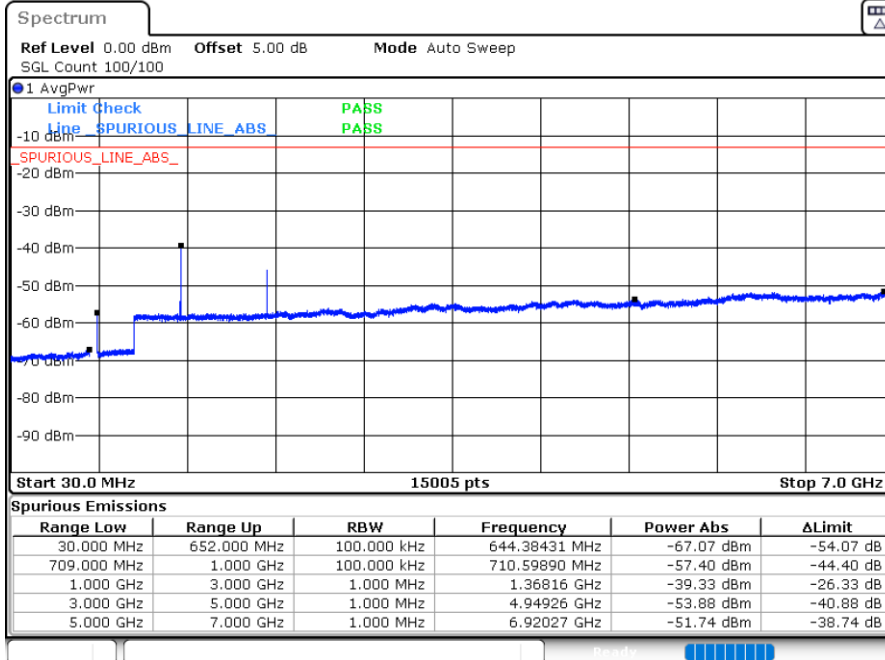
Middle Channel / QPSK



Date: 27.SEP.2024 01:16:46

Date: 27.SEP.2024 01:20:43

Highest Channel / QPSK



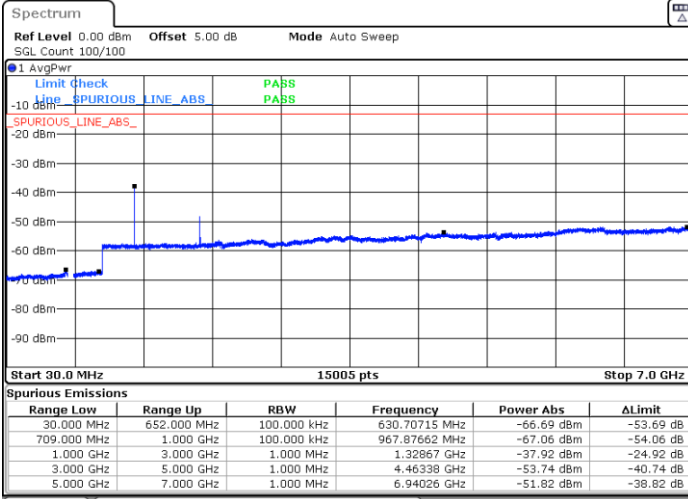
Date: 27.SEP.2024 01:23:27



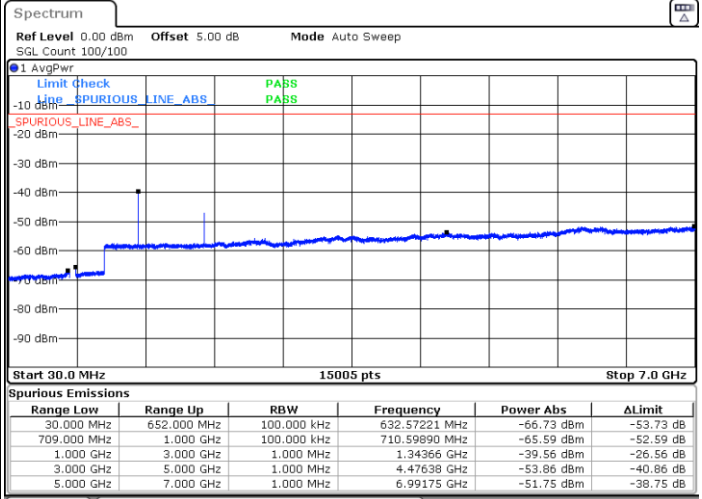
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

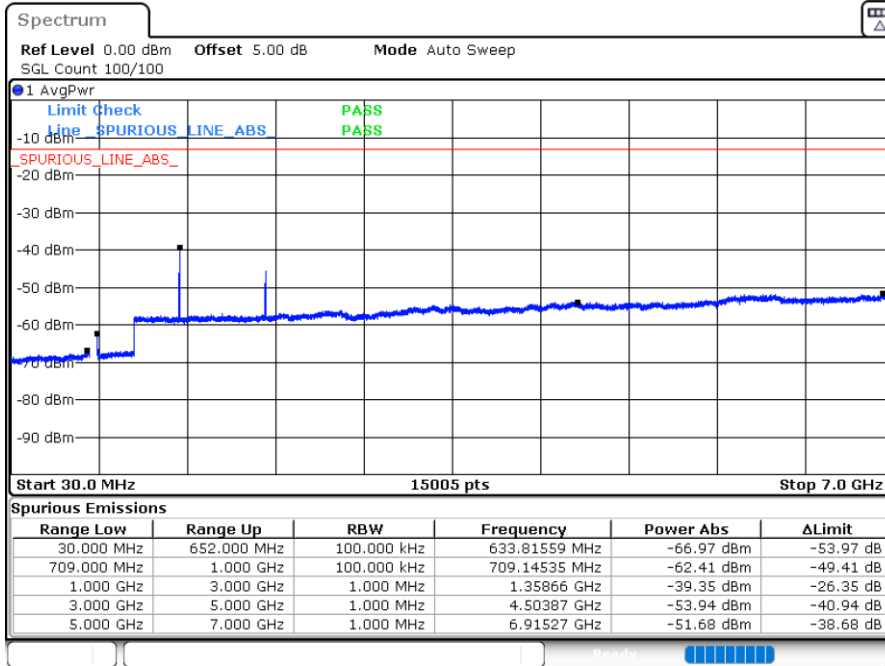


Date: 27.SEP.2024 01:47:05



Date: 27.SEP.2024 01:48:30

Highest Channel / QPSK



Date: 27.SEP.2024 01:51:19



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	0.0022	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0079	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0044	
20	Battery End Point	0.0038	

Note:

1. Normal Voltage =3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

LTE Band 12 / 10MHz / QPSK / 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)
Lowest	1400	-55.58	-13	-42.58	-62.55	1.58	10.70	H
	2096	-51.67	-13	-38.67	-59.92	2.102	12.50	H
	2800	-55.21	-13	-42.21	-64.10	2.856	13.90	H
	1400	-59.07	-13	-46.07	-66.04	1.58	10.70	V
	2096	-58.24	-13	-45.24	-66.49	2.10	12.50	V
	2800	-59.04	-13	-46.04	-67.93	2.86	13.90	V
Middle	1408	-54.96	-13	-41.96	-61.93	1.58	10.70	H
	2112	-51.21	-13	-38.21	-59.46	2.102	12.50	H
	2816	-56.22	-13	-43.22	-65.11	2.856	13.90	H
	1408	-58.82	-13	-45.82	-65.79	1.58	10.70	V
	2112	-57.95	-13	-44.95	-66.20	2.10	12.50	V
	2816	-59.42	-13	-46.42	-68.31	2.86	13.90	V
Highest	1416	-56.21	-13	-43.21	-63.18	1.58	10.70	H
	2120	-51.77	-13	-38.77	-60.02	2.102	12.50	H
	2824	-56.88	-13	-43.88	-65.77	2.856	13.90	H
	1416	-58.71	-13	-45.71	-65.68	1.58	10.70	V
	2120	-57.60	-13	-44.60	-65.85	2.10	12.50	V
	2824	-59.15	-13	-46.15	-68.04	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554	-50.98	-13	-37.98	-53.61	1.09	5.87	H
	2328	-56.52	-13	-43.52	-58.92	1.37	5.92	H
	3109	-58.97	-13	-45.97	-62.86	1.64	7.68	H
	1552	-53.28	-13	-40.28	-55.91	1.09	5.87	V
	2328	-56.11	-13	-43.11	-58.51	1.37	5.92	V
	3112	-59.17	-13	-46.17	-63.06	1.64	7.68	V
Middle	1560	-49.45	-42.15	-7.30	-52.08	1.09	5.87	H
	2339	-55.41	-13	-42.41	-57.81	1.37	5.92	H
	3120	-58.91	-13	-45.91	-62.80	1.64	7.68	H
	1560	-50.72	-42.15	-8.57	-53.35	1.09	5.87	V
	2339	-53.81	-13	-40.81	-56.21	1.37	5.92	V
	3120	-59.00	-13	-46.00	-62.89	1.64	7.68	V
Highest	1568	-48.78	-42.15	-6.63	-51.41	1.09	5.87	H
	2344	-56.21	-13	-43.21	-58.61	1.37	5.92	H
	3128	-59.13	-13	-46.13	-63.02	1.64	7.68	H
	1568	-49.77	-42.15	-7.62	-52.40	1.09	5.87	V
	2344	-55.17	-13	-42.17	-57.57	1.37	5.92	V
	3128	-59.39	-13	-46.39	-63.28	1.64	7.68	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-54.78	-13	-41.78	-57.41	1.09	5.87	H
	2332	-57.36	-13	-44.36	-59.76	1.37	5.92	H
	3110	-59.65	-13	-46.65	-63.54	1.64	7.68	H
	1555	-54.77	-13	-41.77	-57.40	1.09	5.87	V
	2332	-59.58	-13	-46.58	-61.98	1.37	5.92	V
	3110	-59.54	-13	-46.54	-63.43	1.64	7.68	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-56.79	-13	-43.79	-58.54	1.02	4.92	H
	1992	-55.36	-13	-42.36	-57.33	1.27	5.39	H
	2656	-57.98	-13	-44.98	-60.91	1.49	6.57	H
	1328	-57.24	-13	-44.24	-58.99	1.02	4.92	V
	1992	-55.78	-13	-42.78	-57.75	1.27	5.39	V
	2656	-57.66	-13	-44.66	-60.59	1.49	6.57	V
Middle	1344	-56.63	-13	-43.63	-58.38	1.02	4.92	H
	2016	-50.61	-13	-37.61	-52.58	1.27	5.39	H
	2688	-55.24	-13	-42.24	-58.17	1.49	6.57	H
	1344	-56.85	-13	-43.85	-58.60	1.02	4.92	V
	2016	-55.69	-13	-42.69	-57.66	1.27	5.39	V
	2688	-55.21	-13	-42.21	-58.14	1.49	6.57	V
Highest	1360	-56.70	-13	-43.70	-58.45	1.02	4.92	H
	2040	-50.72	-13	-37.72	-52.69	1.27	5.39	H
	2712	-56.55	-13	-43.55	-59.48	1.49	6.57	H
	1360	-57.09	-13	-44.09	-58.84	1.02	4.92	V
	2040	-55.27	-13	-42.27	-57.24	1.27	5.39	V
	2712	-57.01	-13	-44.01	-59.94	1.49	6.57	V

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