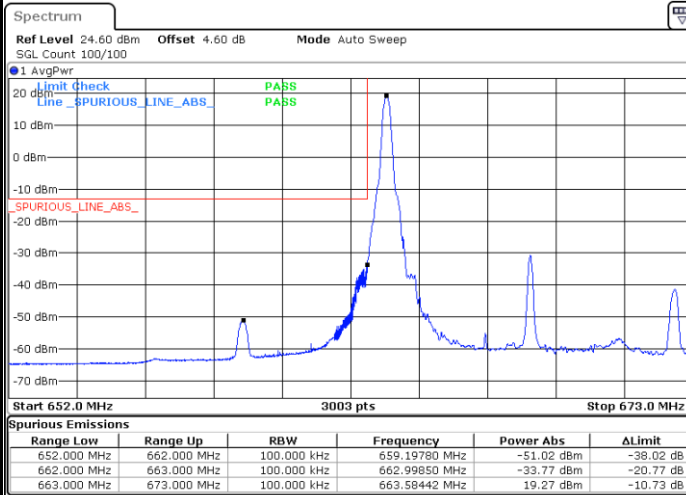


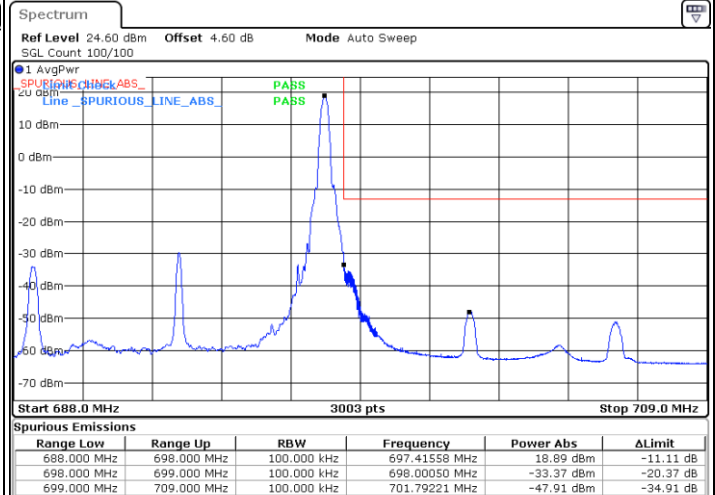


LTE Band 71 / 10MHz / 256QAM

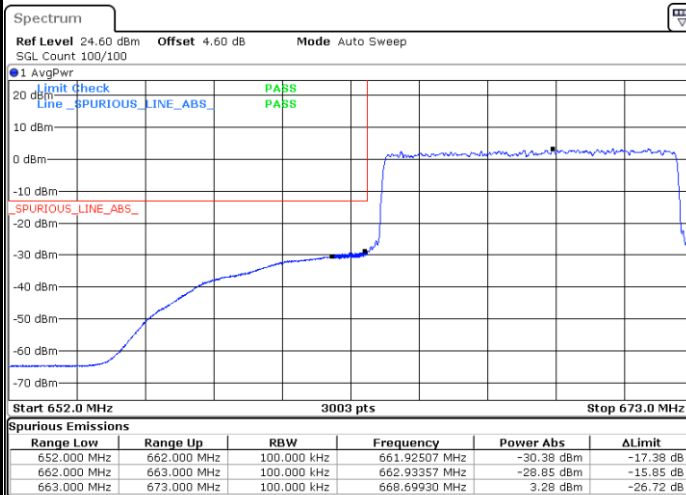
Lowest Band Edge / 1 RB



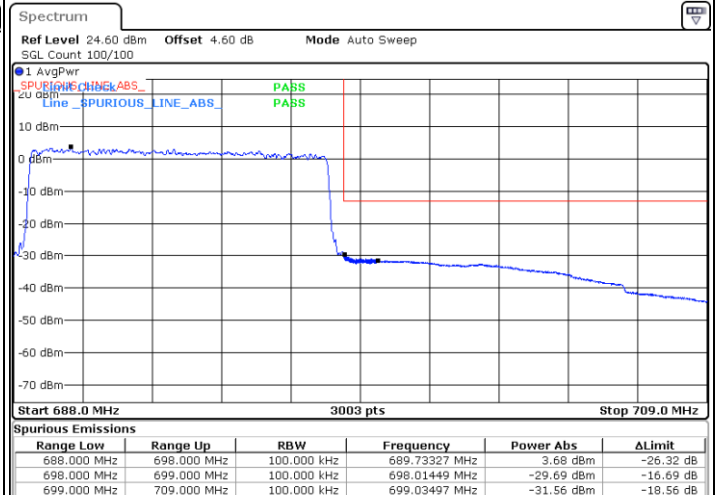
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



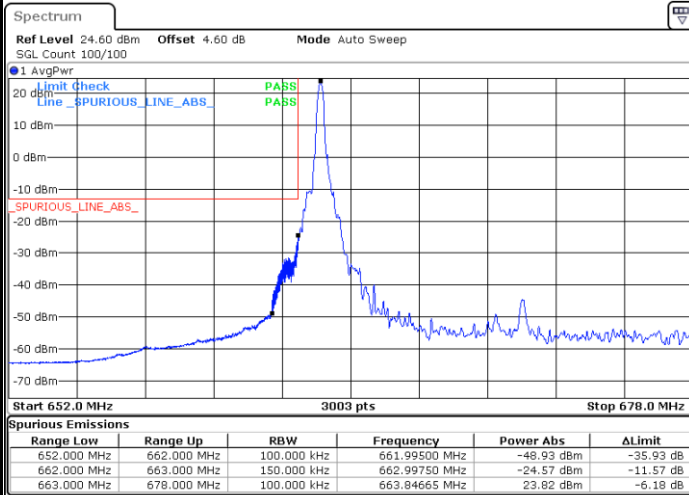
Highest Band Edge / Full RB



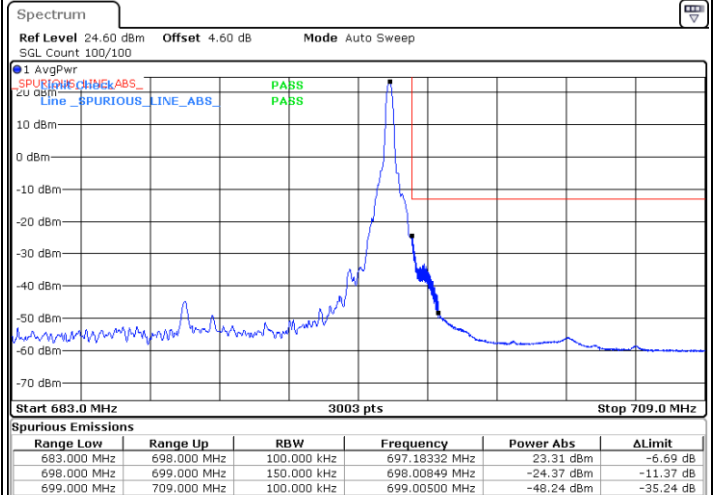


LTE Band 71 / 15MHz / QPSK

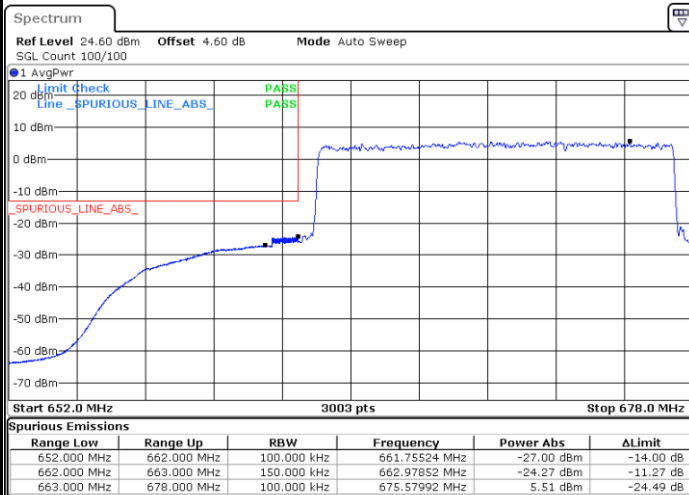
Lowest Band Edge / 1 RB



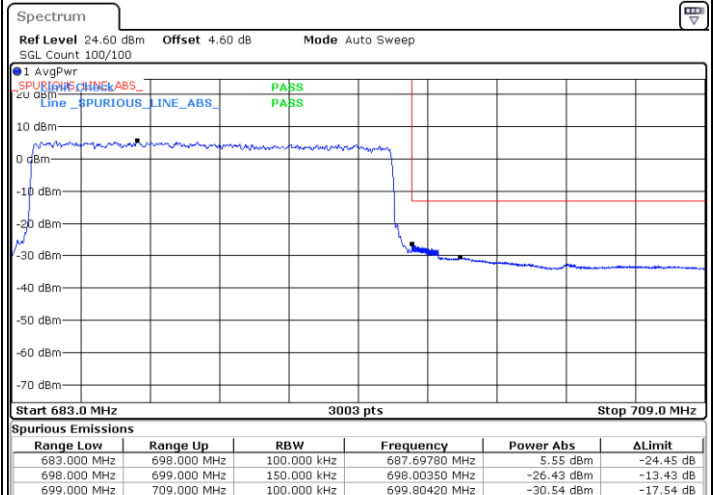
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



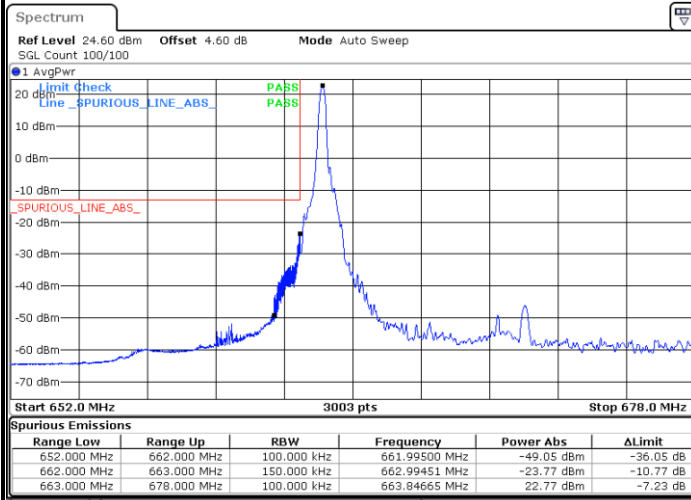
Highest Band Edge / Full RB



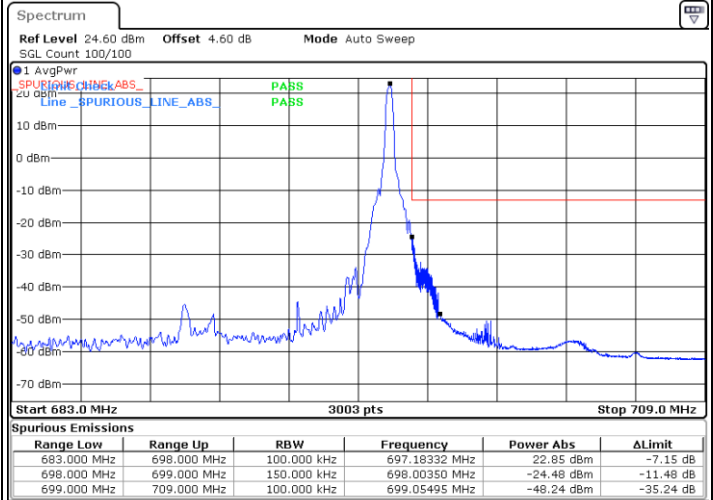


LTE Band 71 / 15MHz / 16QAM

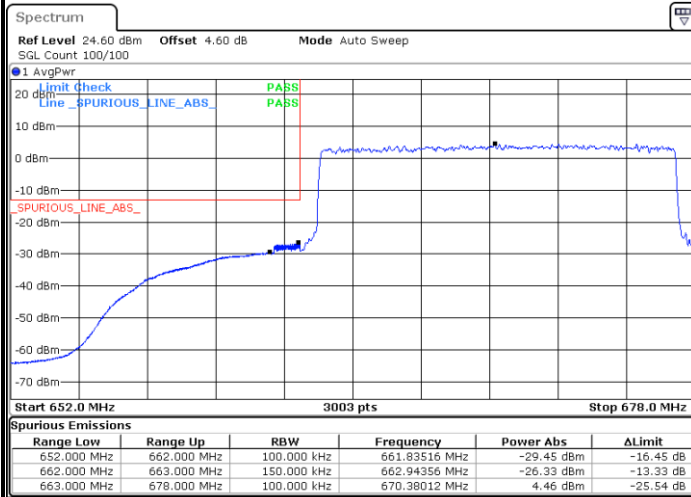
Lowest Band Edge / 1 RB



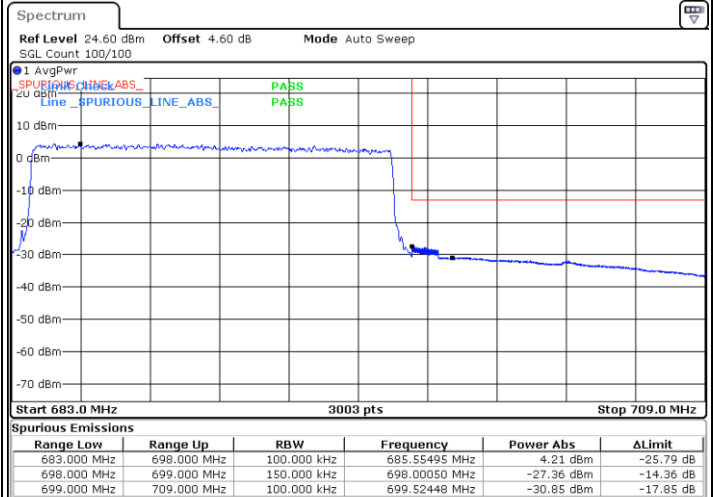
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



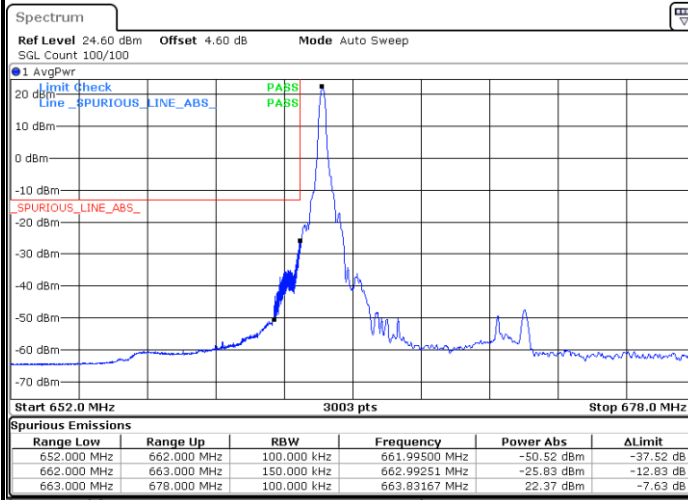
Highest Band Edge / Full RB



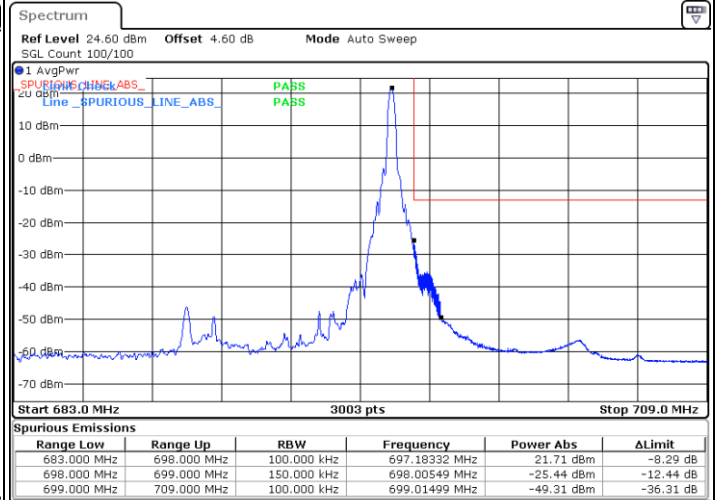


LTE Band 71 / 15MHz / 64QAM

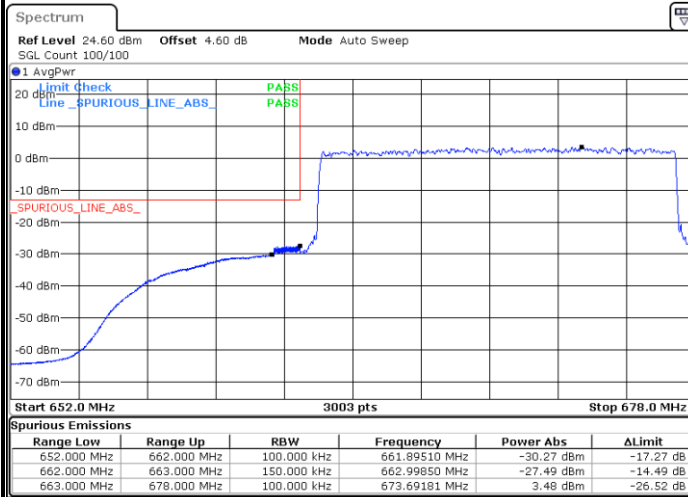
Lowest Band Edge / 1 RB



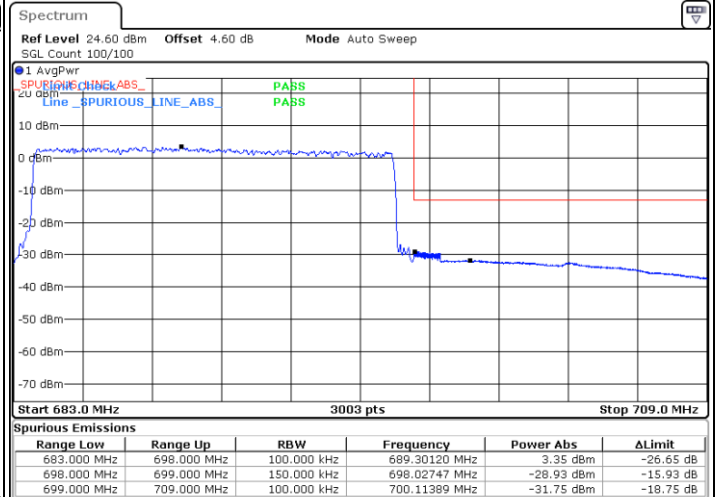
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



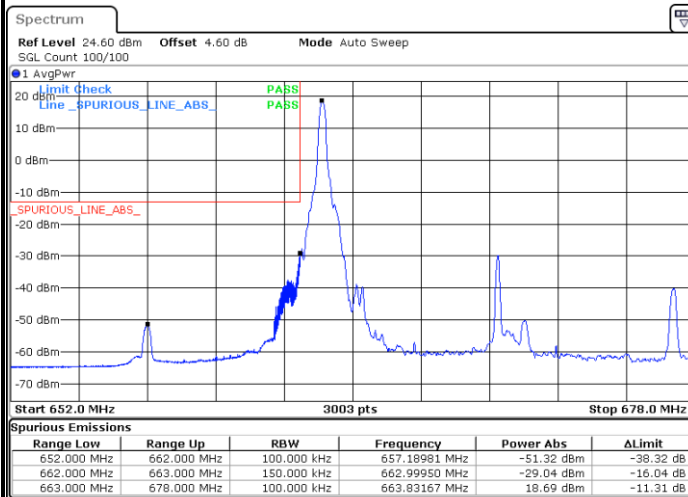
Highest Band Edge / Full RB



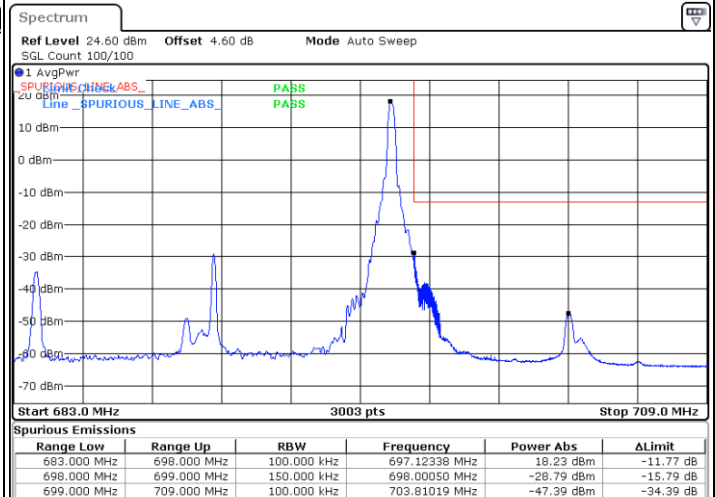


LTE Band 71 / 15MHz / 256QAM

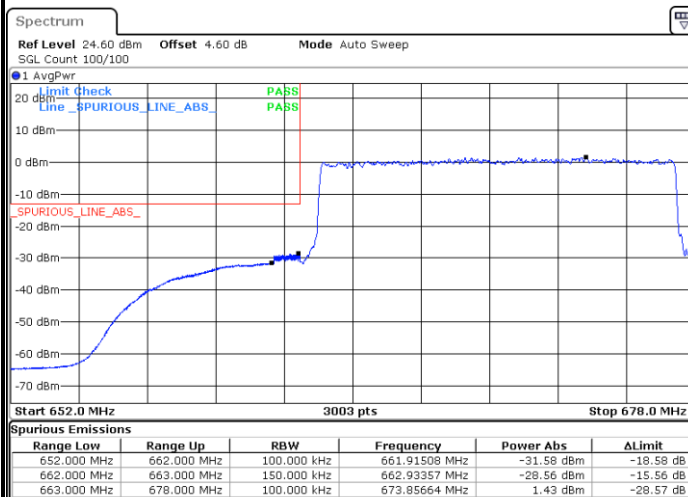
Lowest Band Edge / 1 RB



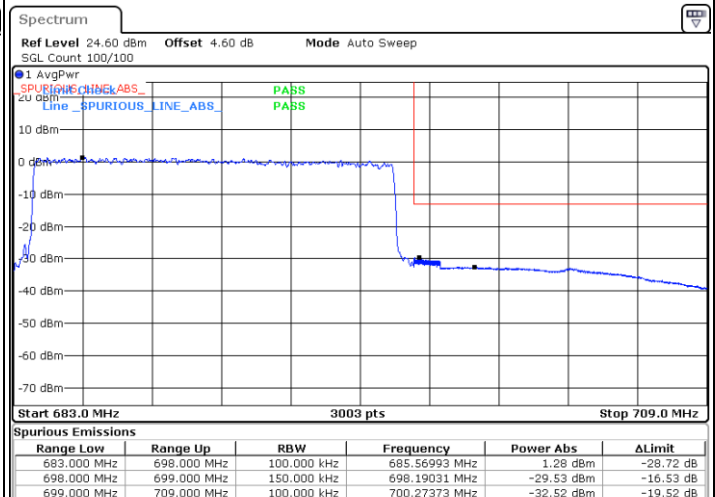
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



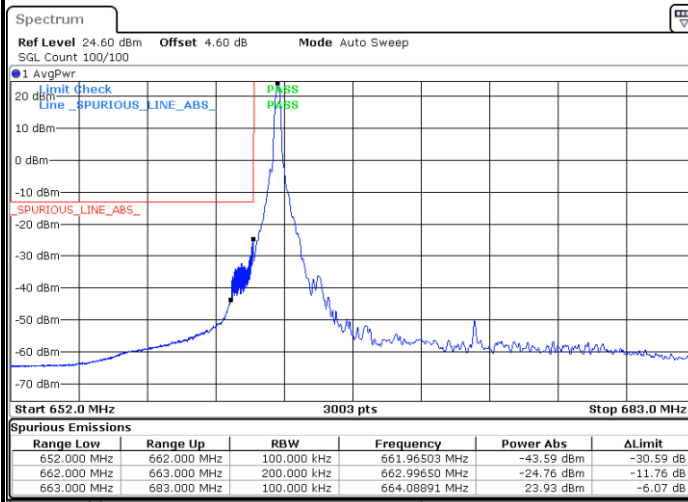
Highest Band Edge / Full RB



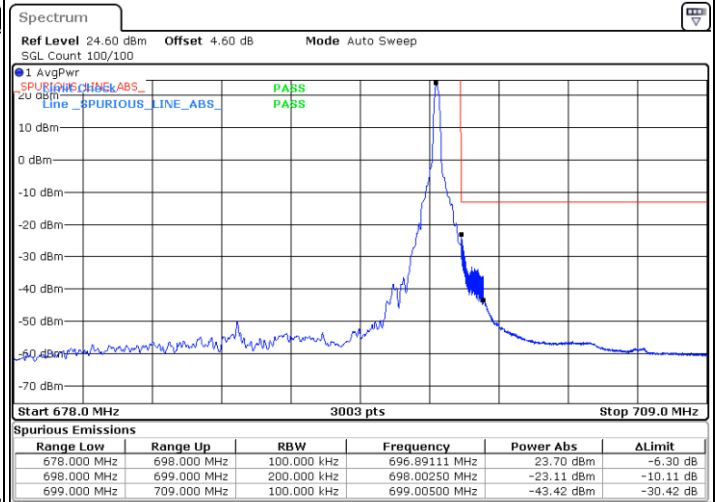


LTE Band 71 / 20MHz / QPSK

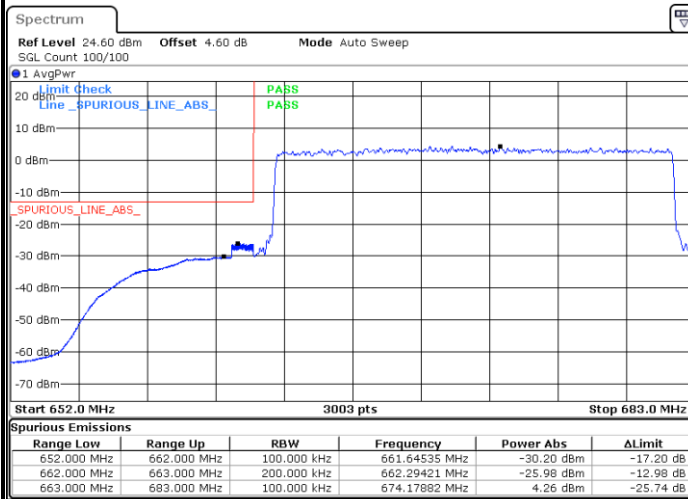
Lowest Band Edge / 1 RB



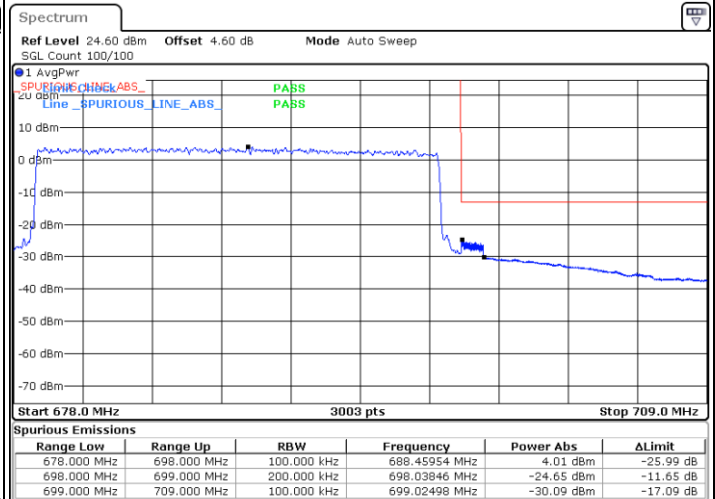
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



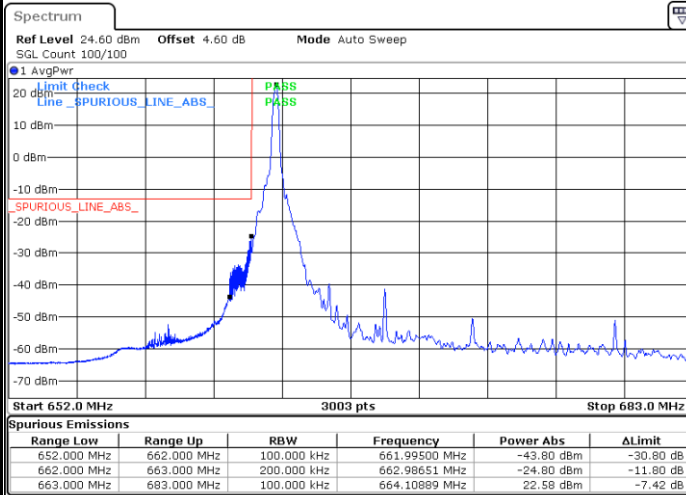
Highest Band Edge / Full RB



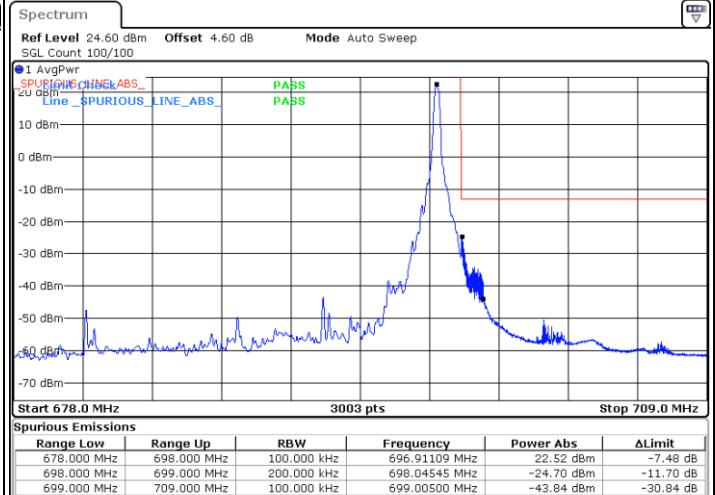


LTE Band 71 / 20MHz / 16QAM

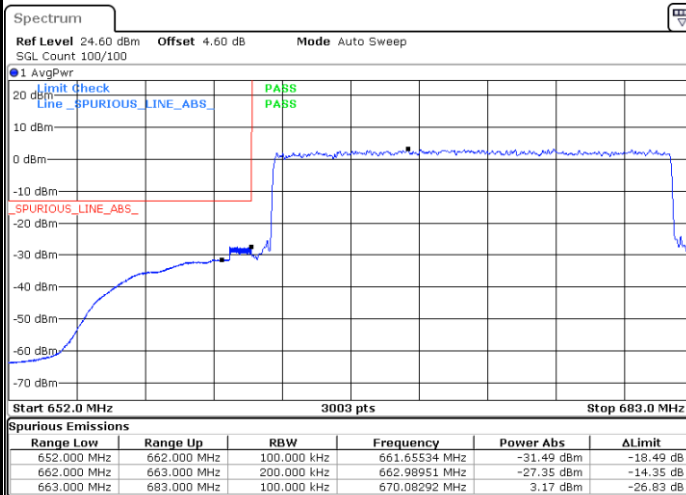
Lowest Band Edge / 1 RB



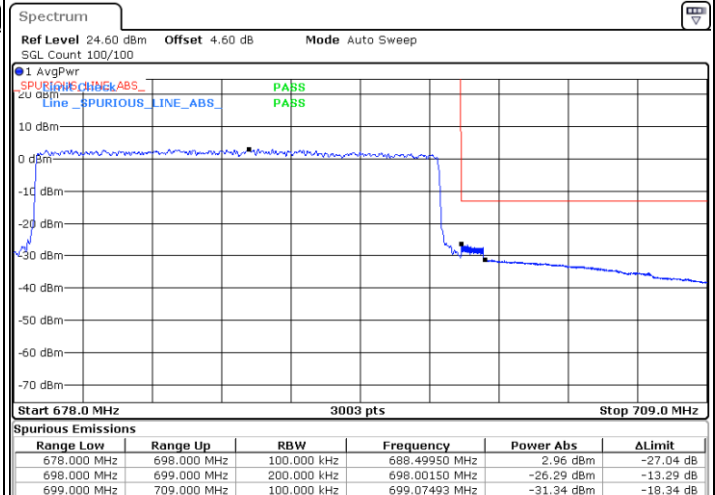
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



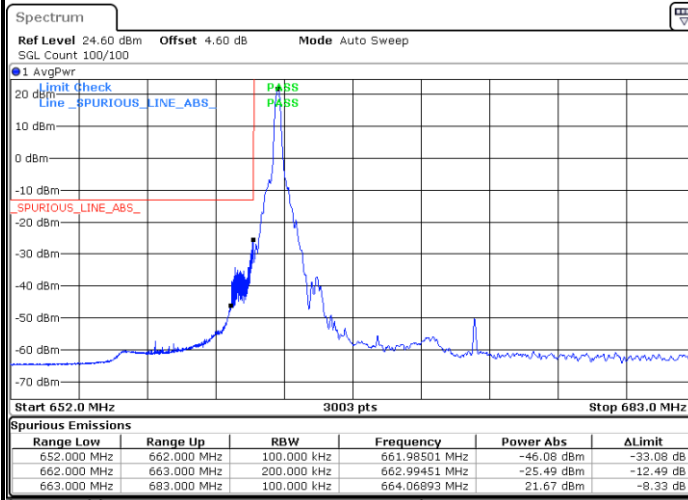
Highest Band Edge / Full RB



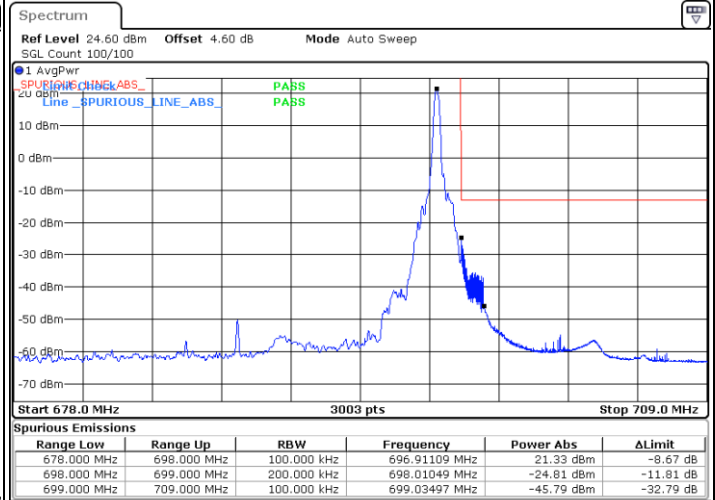


LTE Band 71 / 20MHz / 64QAM

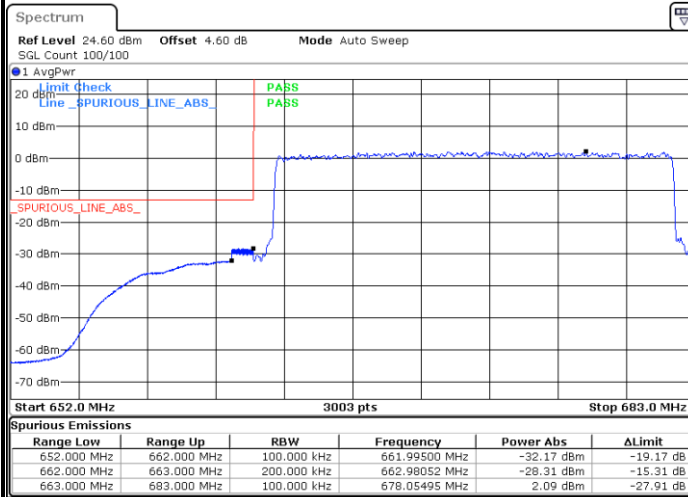
Lowest Band Edge / 1 RB



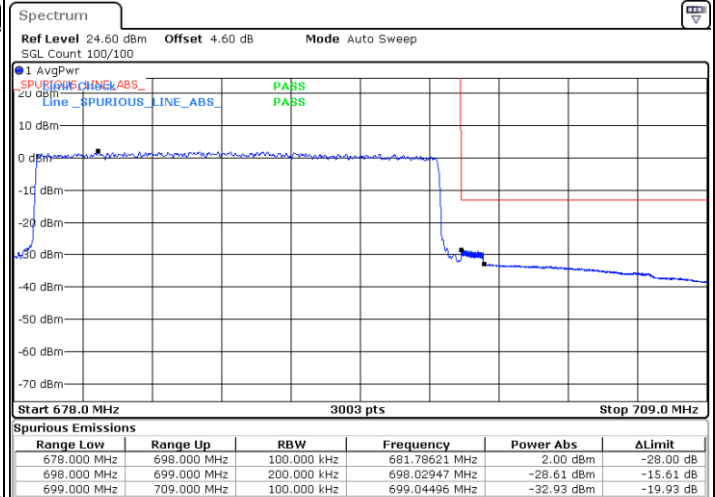
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



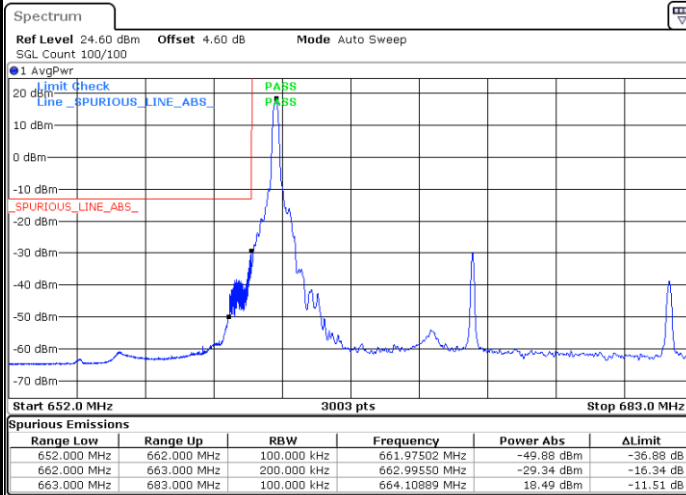
Highest Band Edge / Full RB



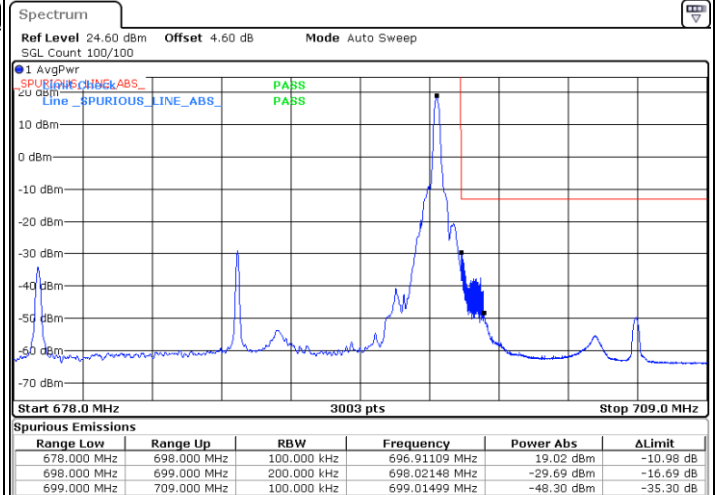


LTE Band 71 / 20MHz / 256QAM

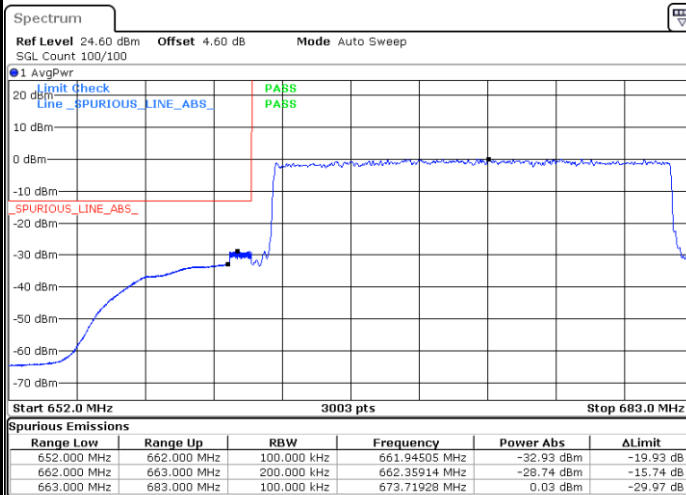
Lowest Band Edge / 1 RB



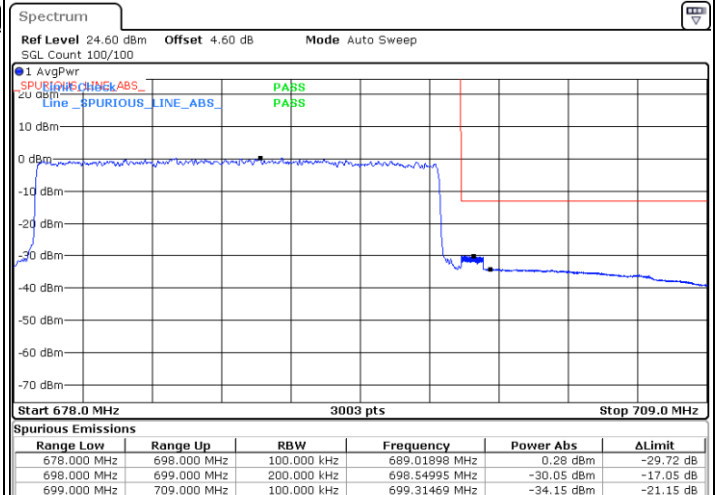
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

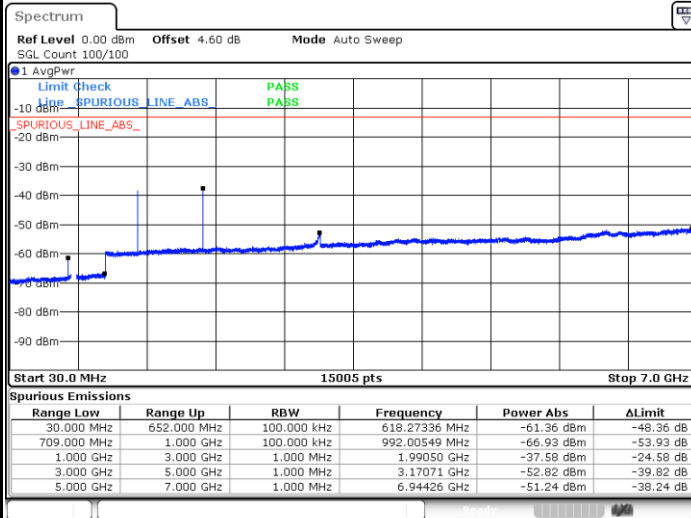




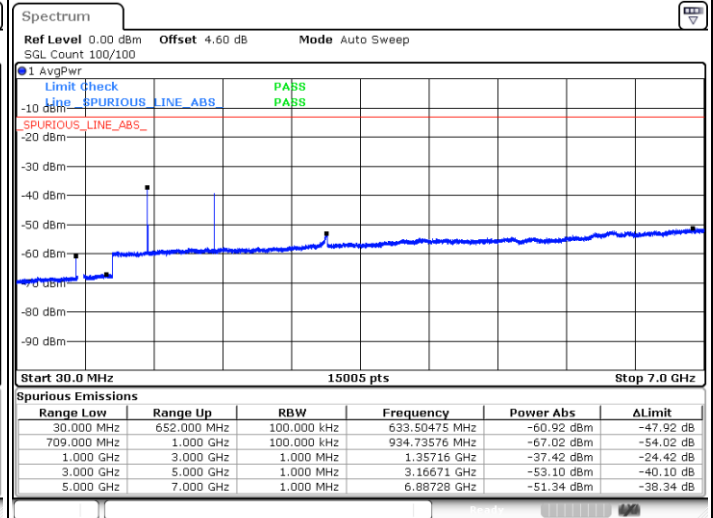
Conducted Spurious Emission

LTE Band 71 / 5MHz

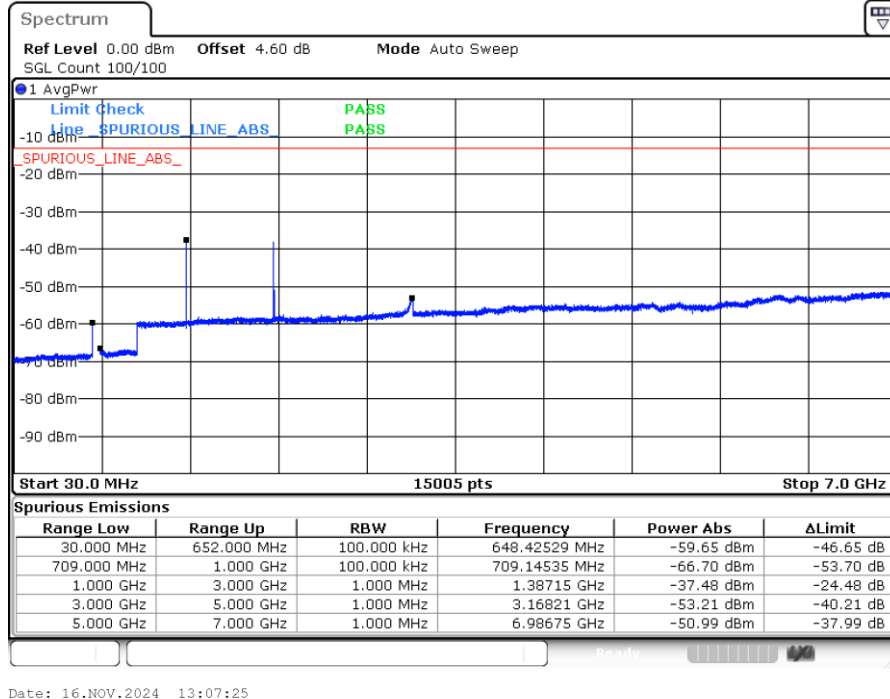
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

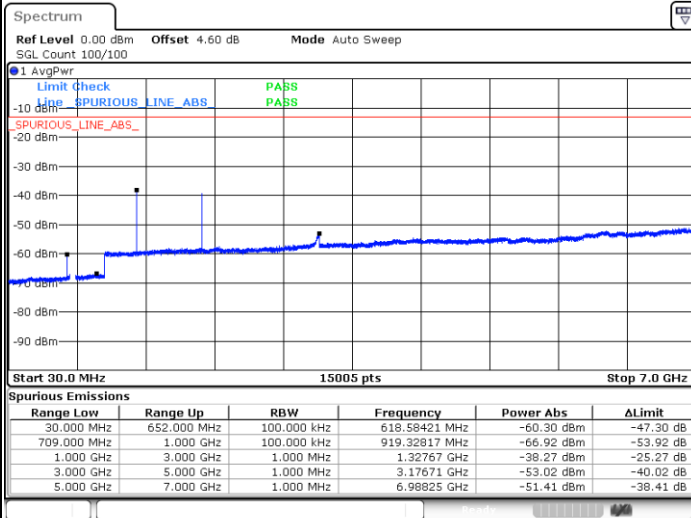




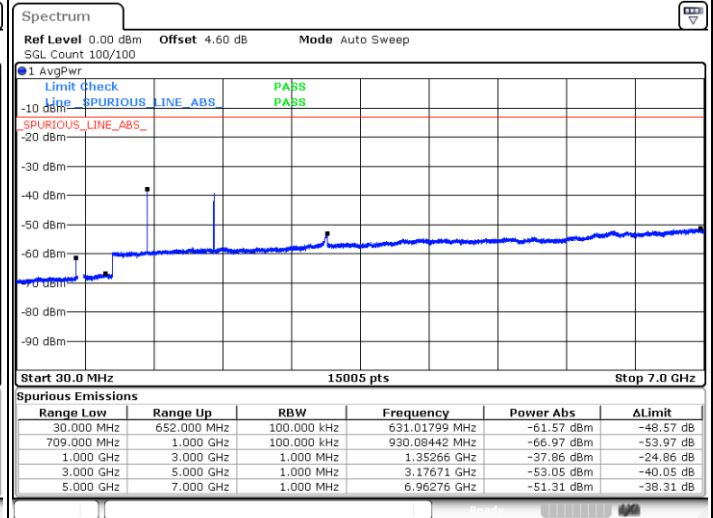
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

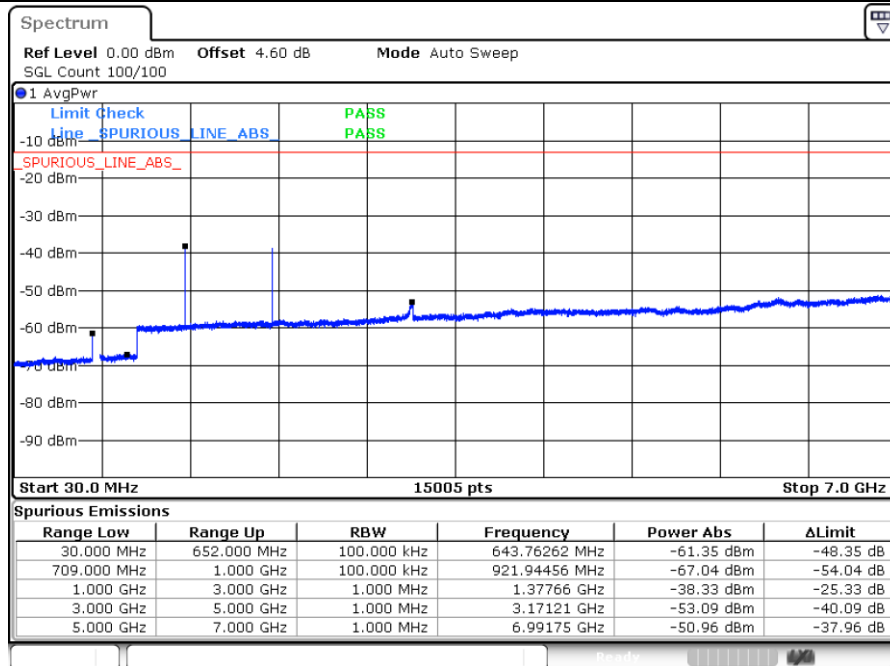


Date: 16.NOV.2024 13:24:54



Date: 16.NOV.2024 13:25:33

Highest Channel / QPSK

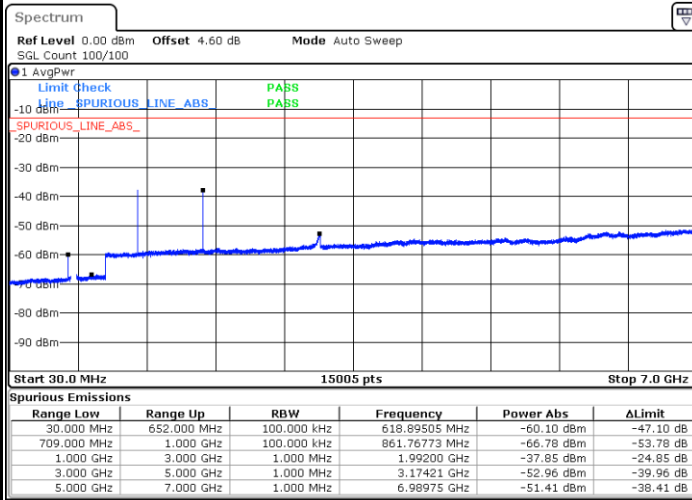


Date: 16.NOV.2024 13:27:38



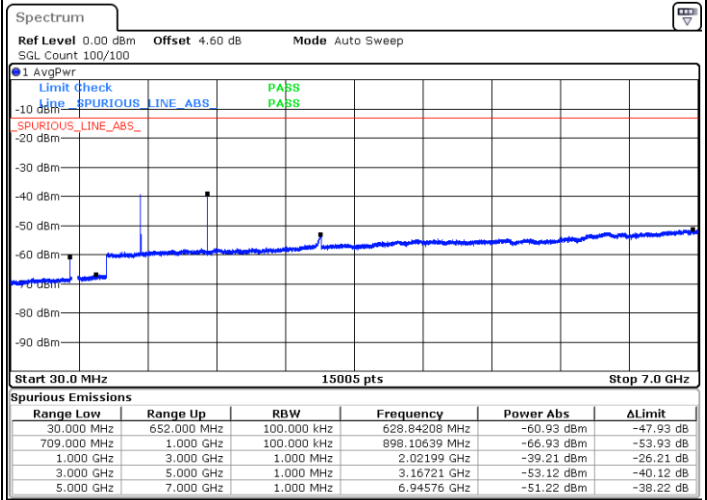
LTE Band 71 / 15MHz

Lowest Channel / QPSK



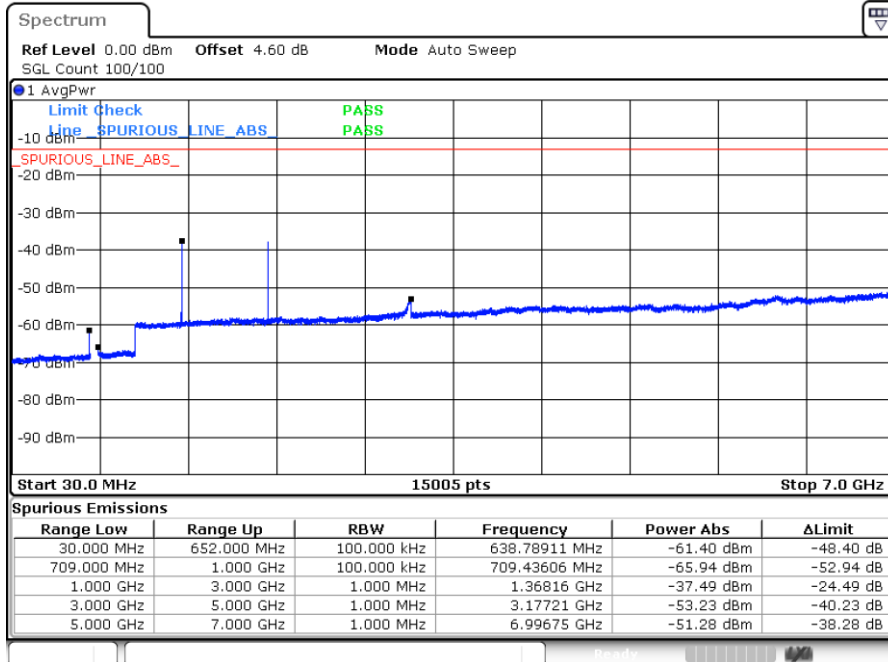
Date: 16.NOV.2024 13:45:12

Middle Channel / QPSK



Date: 16.NOV.2024 13:45:51

Highest Channel / QPSK



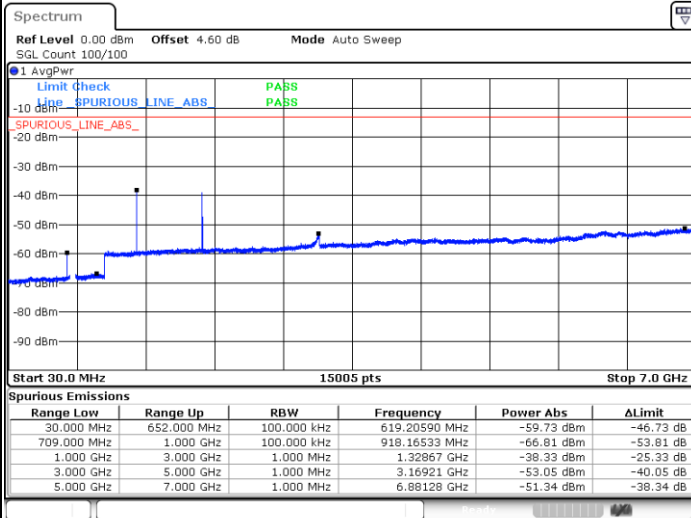
Date: 16.NOV.2024 13:47:55



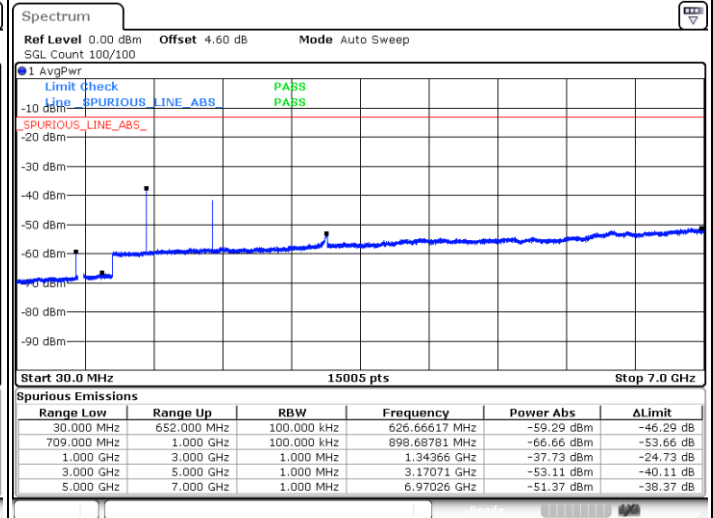
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

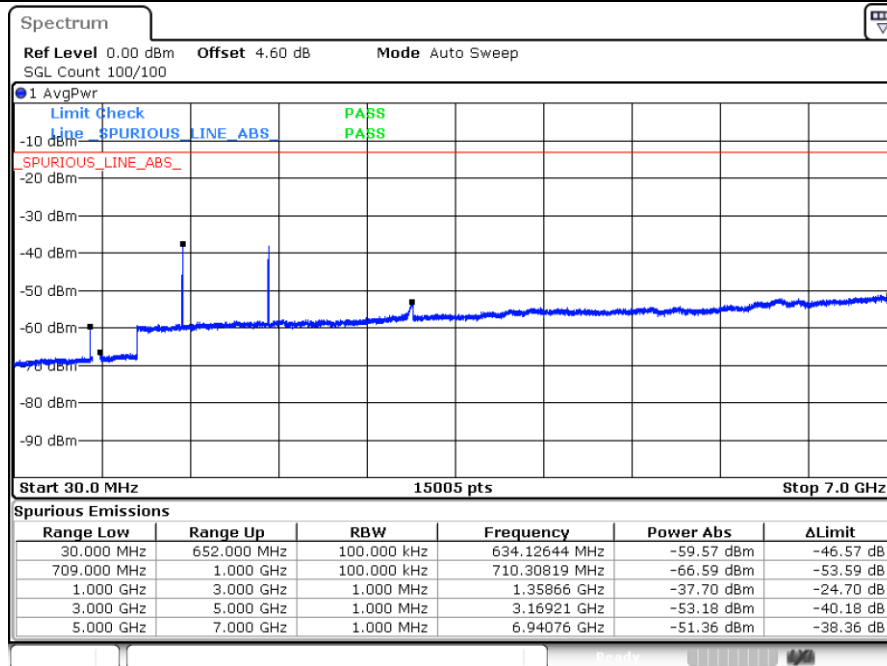


Date: 16.NOV.2024 14:05:27



Date: 16.NOV.2024 14:06:05

Highest Channel / QPSK



Date: 16.NOV.2024 14:08:10

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	0.0023	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0018	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	-0.0044	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.69V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.1 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 :	22~25°C
		Relative Humidity :	48~52%

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

LTE Band 12 / 10MHz / QPSK / ANT 1								
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	1408	-59.63	-13	-46.63	-66.60	1.58	10.70	H
	2112	-61.46	-13	-48.46	-69.71	2.102	12.50	H
	2808	-58.02	-13	-45.02	-66.91	2.856	13.90	H
	1408	-58.40	-13	-45.40	-65.37	1.58	10.70	V
	2112	-59.75	-13	-46.75	-68.00	2.10	12.50	V
	2808	-57.93	-13	-44.93	-66.82	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 1								
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	1560	-61.59	-42.15	-19.44	-64.22	1.09	5.87	H
	2336	-60.94	-13	-47.94	-63.34	1.37	5.92	H
	3120	-59.18	-13	-46.18	-63.07	1.64	7.68	H
	1560	-60.60	-42.15	-18.45	-63.23	1.09	5.87	V
	2336	-59.42	-13	-46.42	-61.82	1.37	5.92	V
	3120	-58.76	-13	-45.76	-62.65	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 1								
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	1552	-57.78	-13	-44.78	-60.41	1.09	5.87	H
	2328	-61.27	-13	-48.27	-63.67	1.37	5.92	H
	3112	-59.06	-13	-46.06	-62.95	1.64	7.68	H
	1552	-59.17	-13	-46.17	-61.80	1.09	5.87	V
	2328	-59.50	-13	-46.50	-61.90	1.37	5.92	V
	3112	-58.24	-13	-45.24	-62.13	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 1								
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	1352	-67.57	-13	-54.57	-69.32	1.02	4.92	H
	2024	-61.81	-13	-48.81	-63.78	1.27	5.39	H
	2696	-59.22	-13	-46.22	-62.15	1.49	6.57	H
	1352	-64.86	-13	-51.86	-66.61	1.02	4.92	V
	2024	-60.54	-13	-47.54	-62.51	1.27	5.39	V
	2696	-57.39	-13	-44.39	-60.32	1.49	6.57	V

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