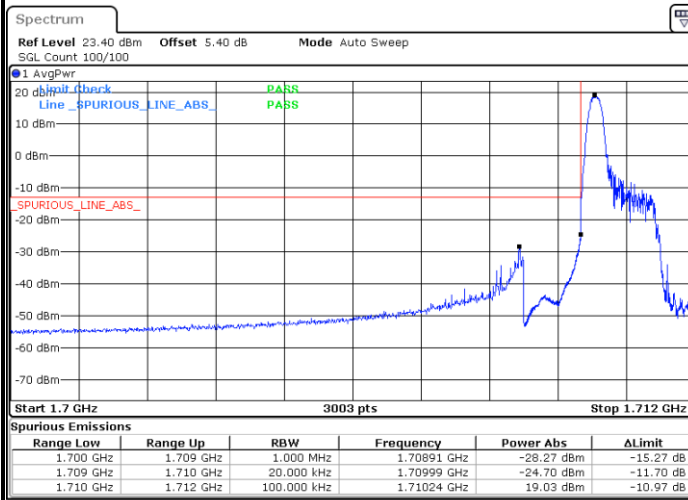


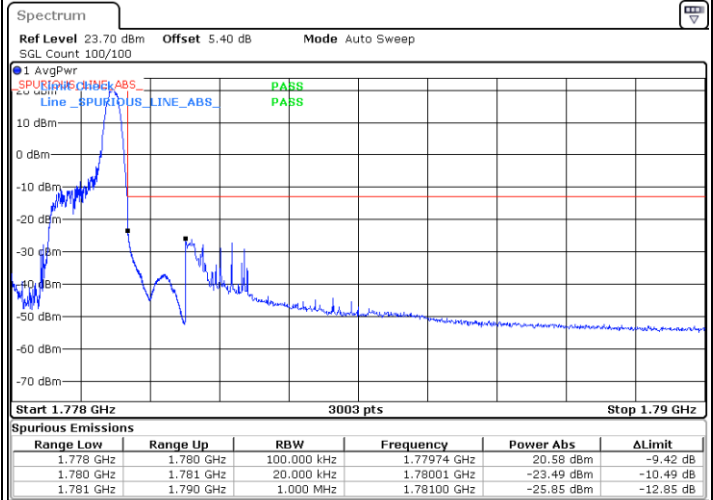


LTE Band 66 / 1.4MHz / 16QAM

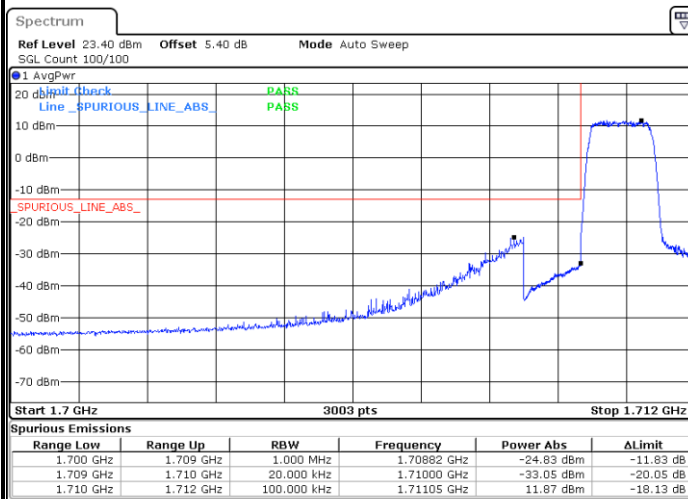
Lowest Band Edge / 1 RB



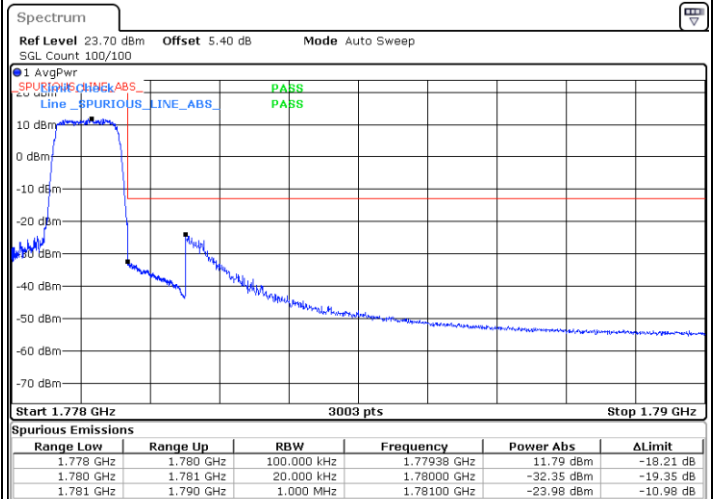
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



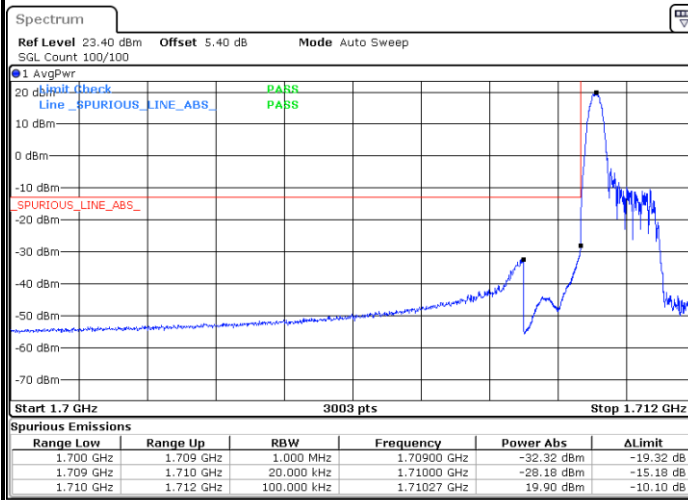
Highest Band Edge / Full RB



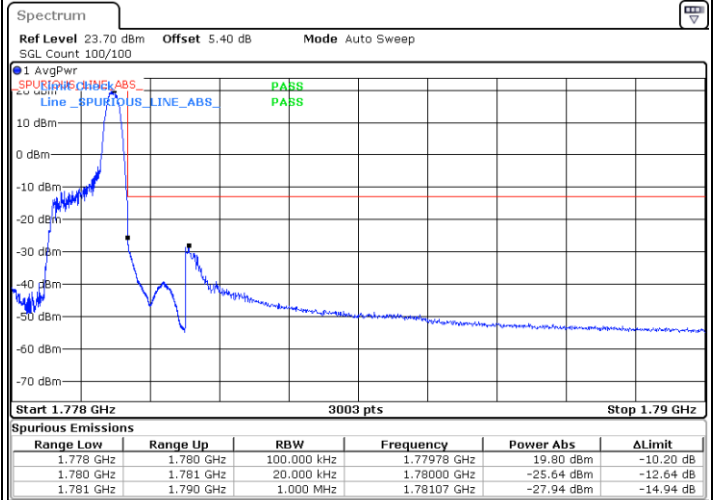


LTE Band 66 / 1.4MHz / 64QAM

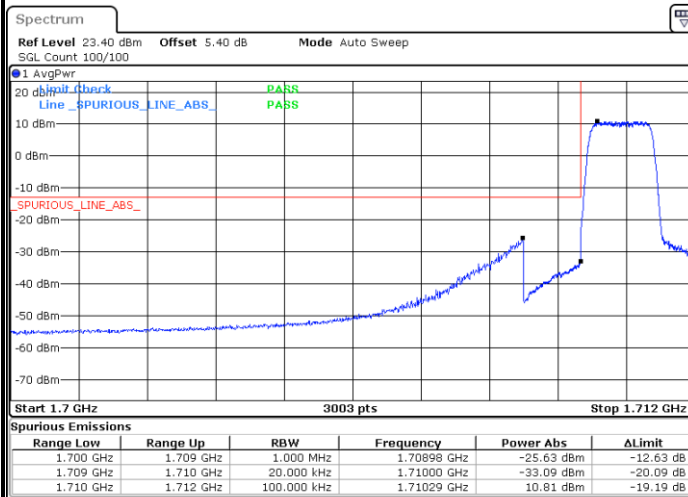
Lowest Band Edge / 1 RB



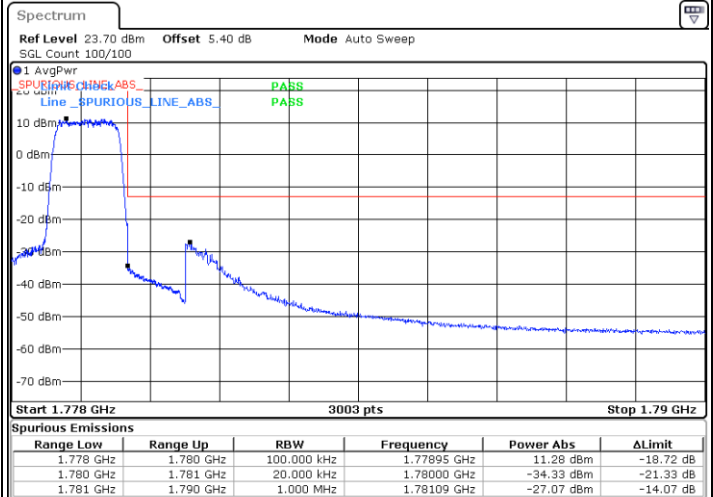
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



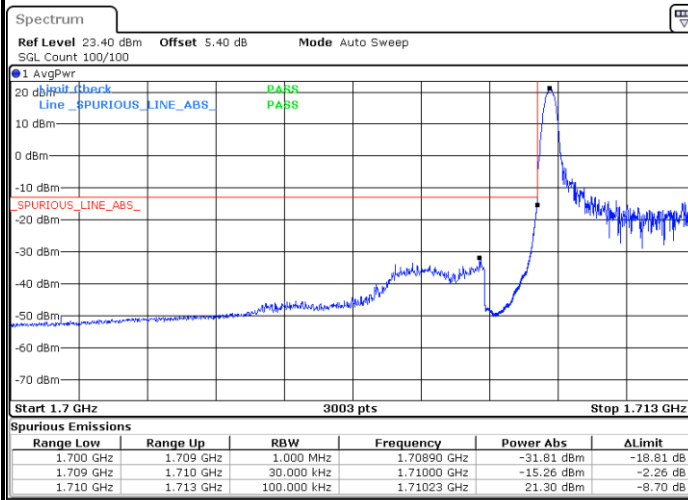
Highest Band Edge / Full RB



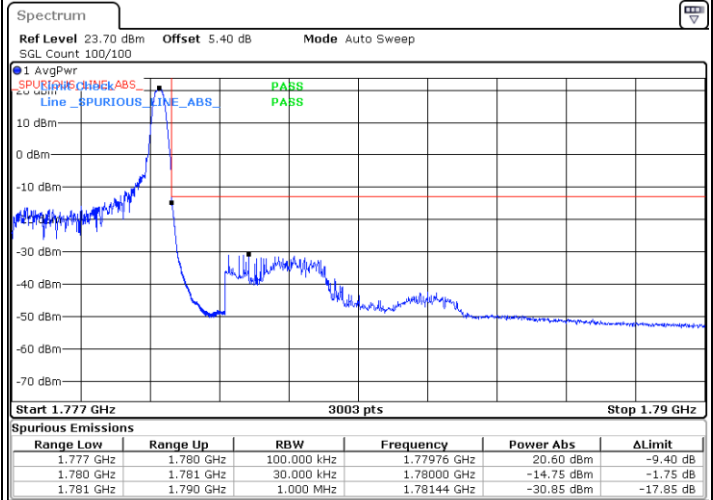


LTE Band 66 / 3MHz / QPSK

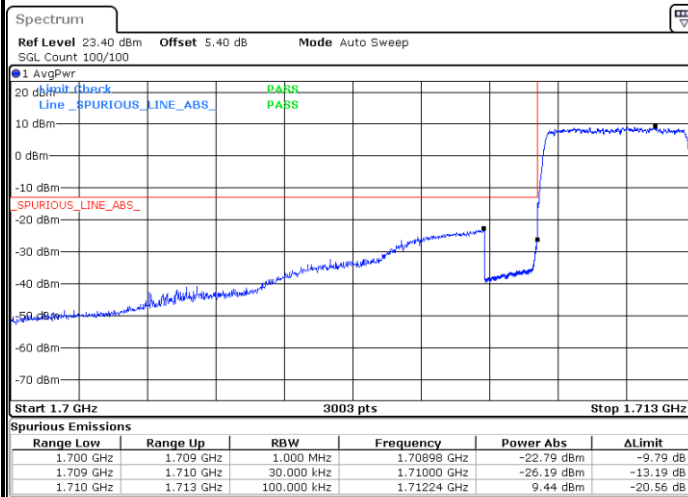
Lowest Band Edge / 1RB



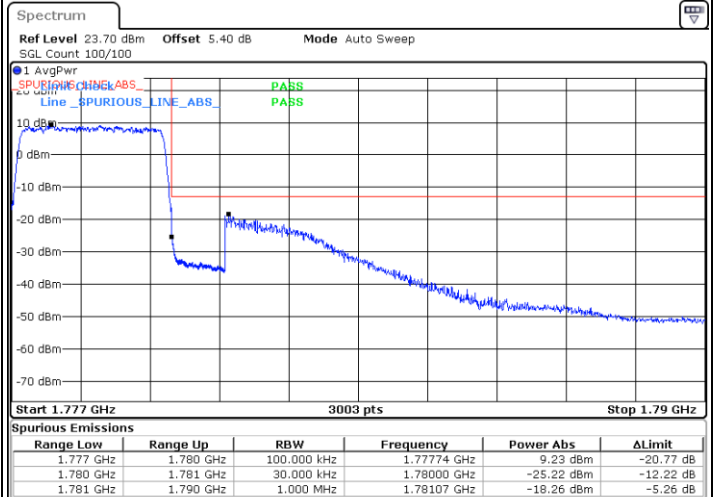
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



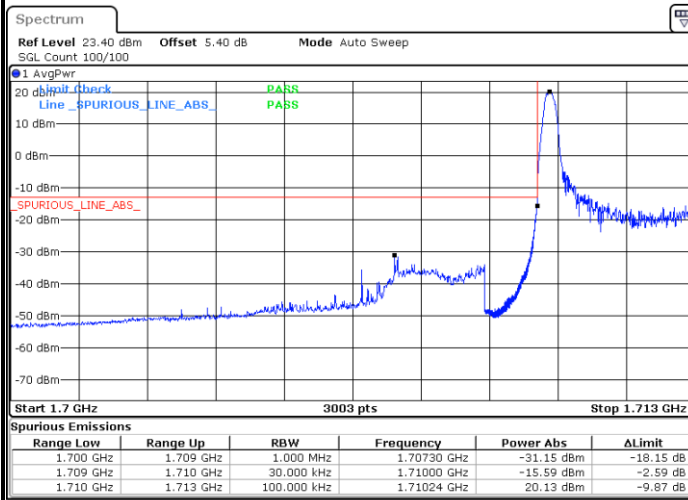
Highest Band Edge / Full RB



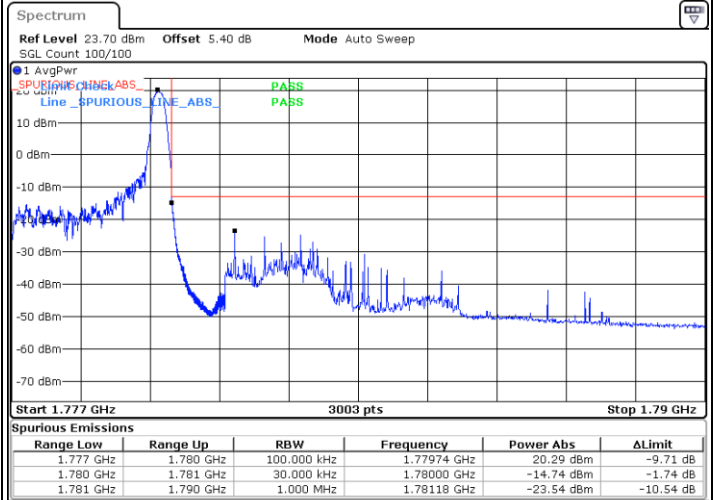


LTE Band 66 / 3MHz / 16QAM

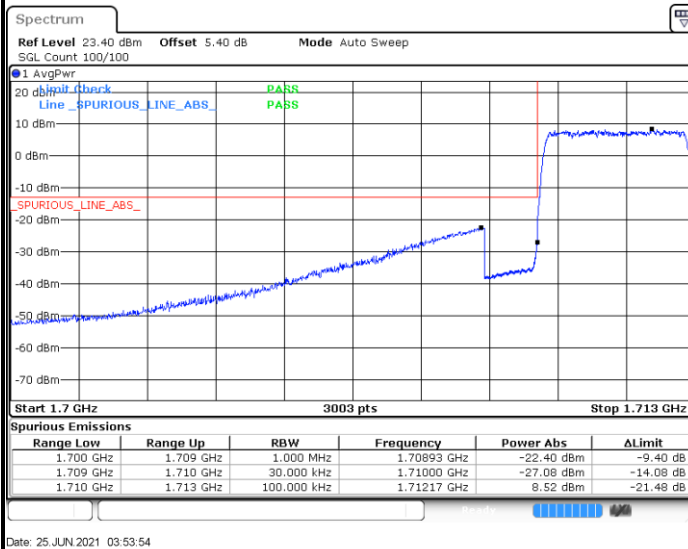
Lowest Band Edge / 1 RB



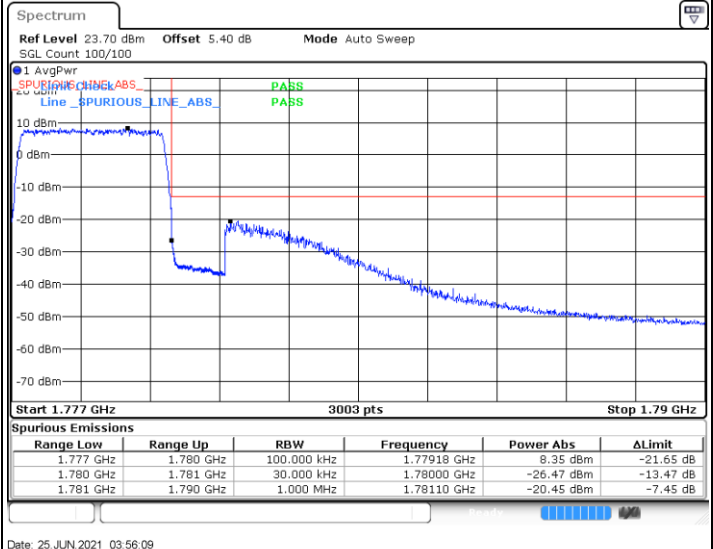
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



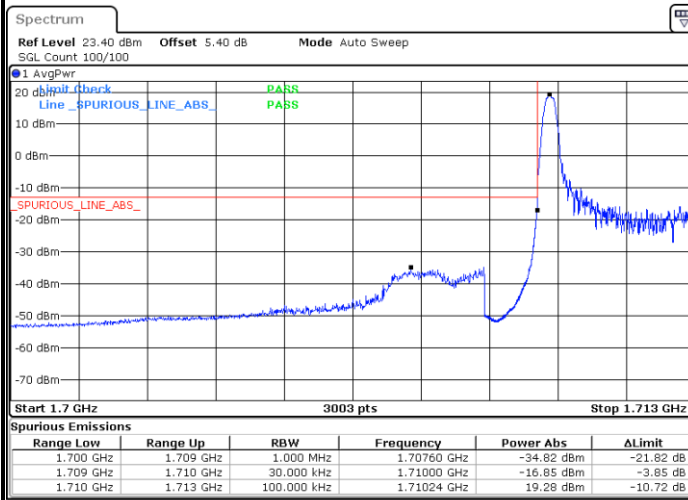
Highest Band Edge / Full RB



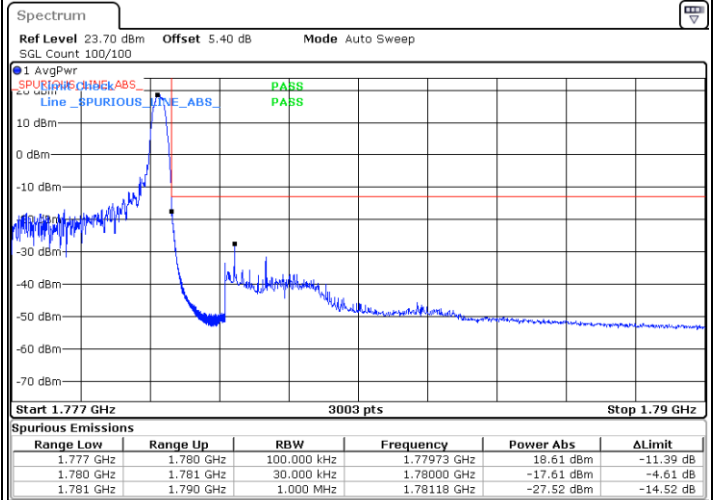


LTE Band 66 / 3MHz / 64QAM

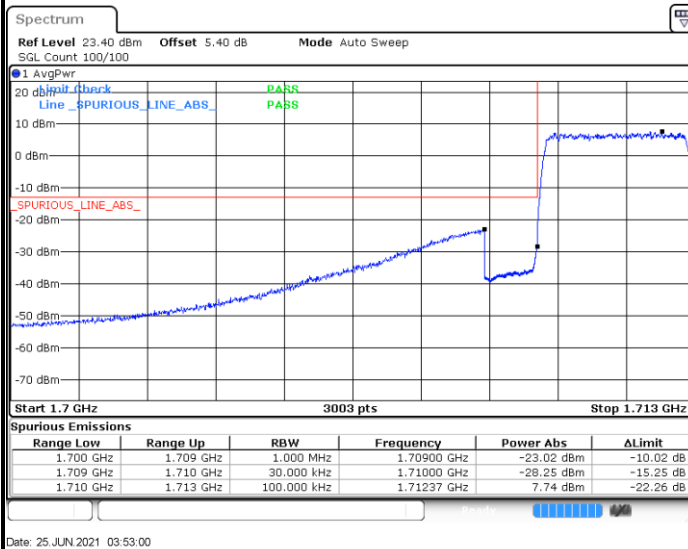
Lowest Band Edge / 1 RB



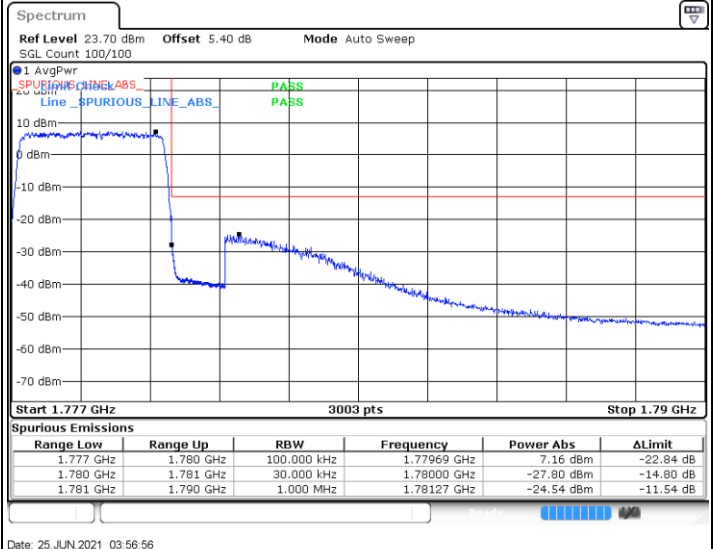
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



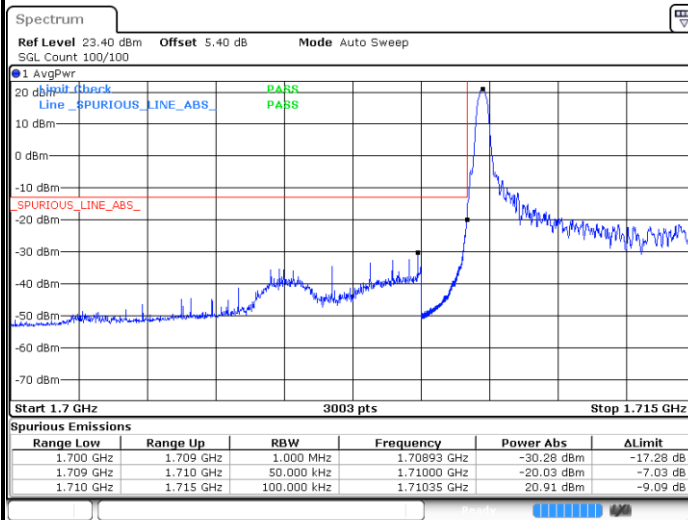
Highest Band Edge / Full RB



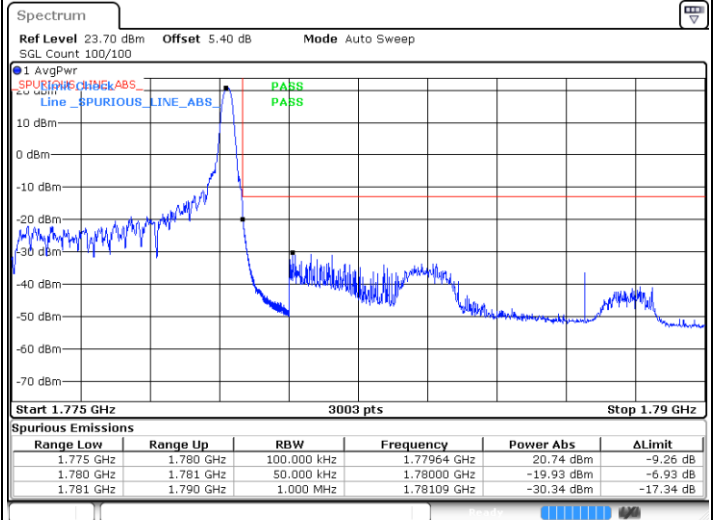


LTE Band 66 / 5MHz / QPSK

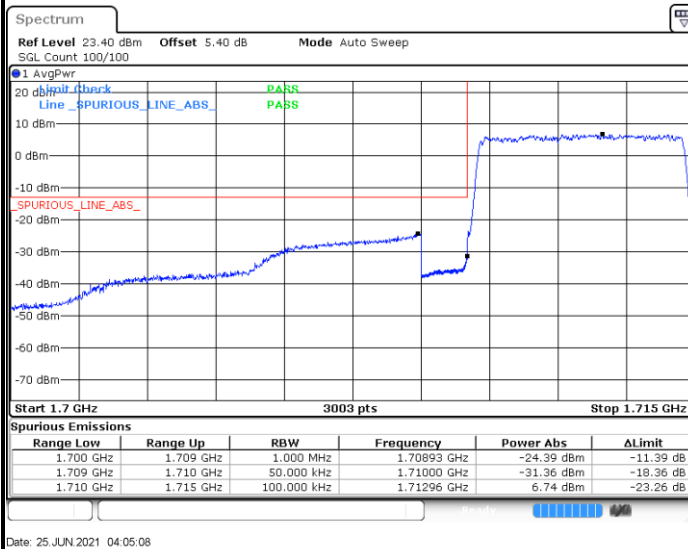
Lowest Band Edge / 1 RB



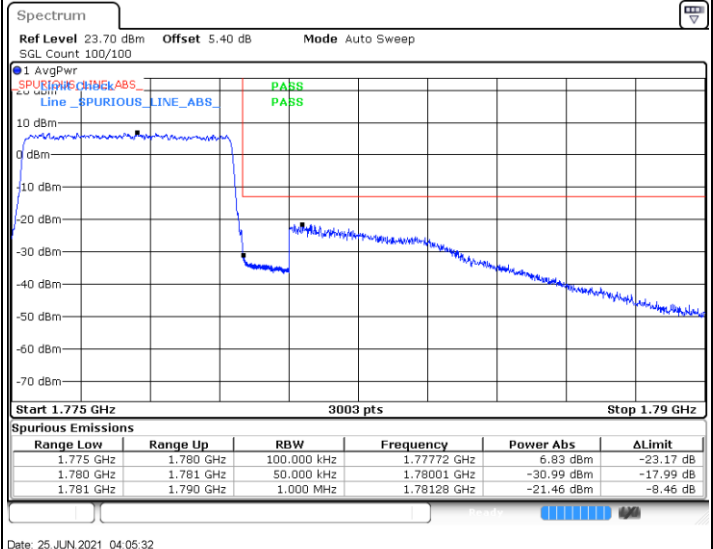
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



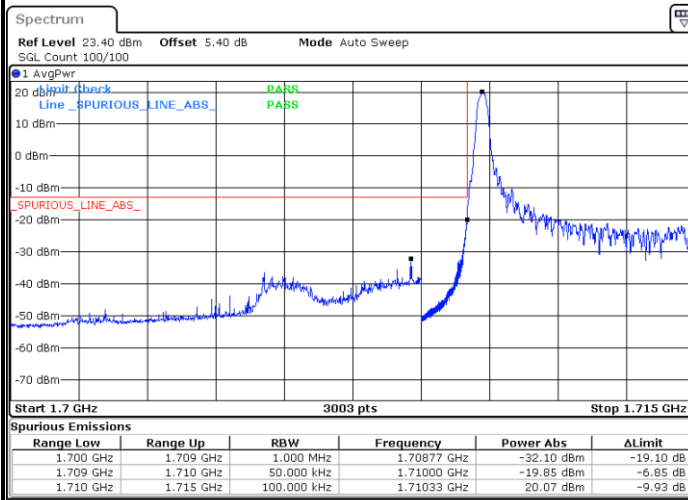
Highest Band Edge / Full RB



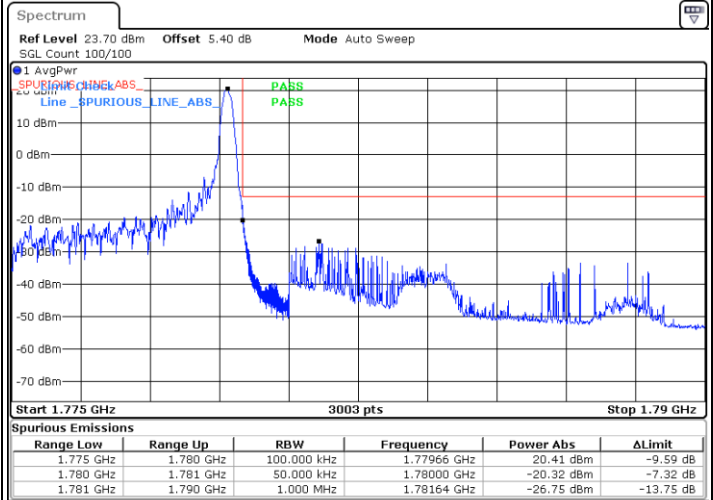


LTE Band 66 / 5MHz / 16QAM

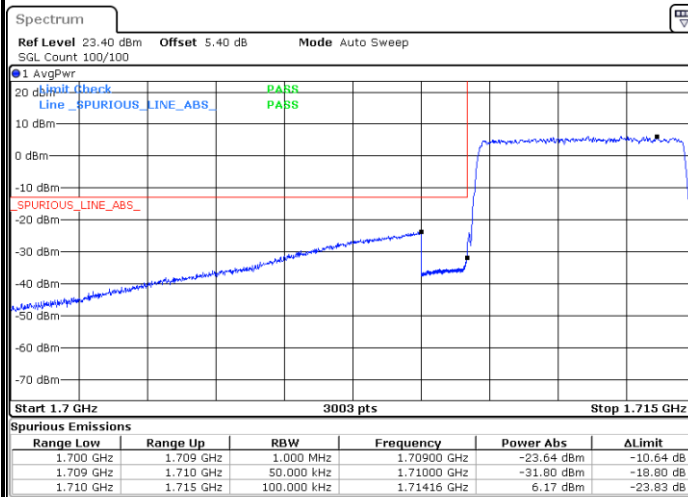
Lowest Band Edge / 1RB



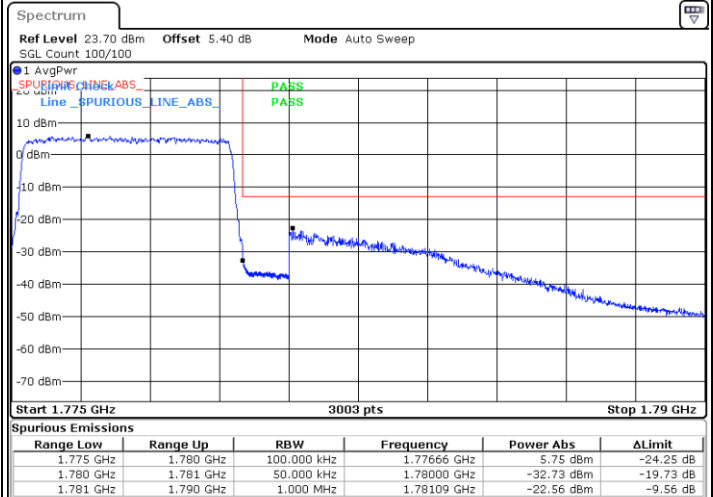
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



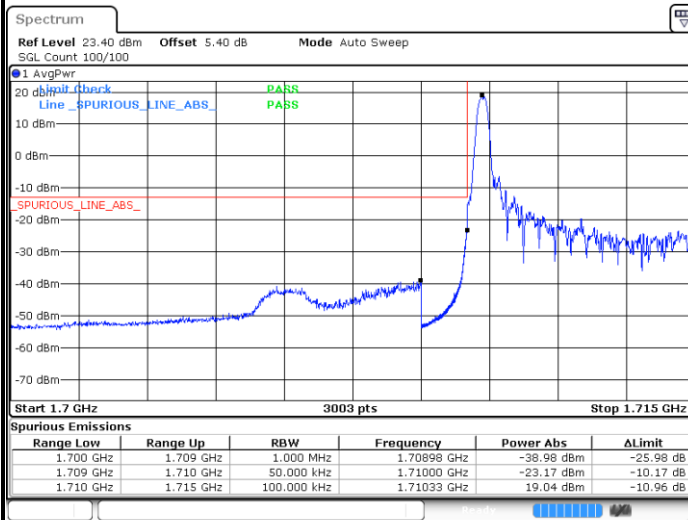
Highest Band Edge / Full RB



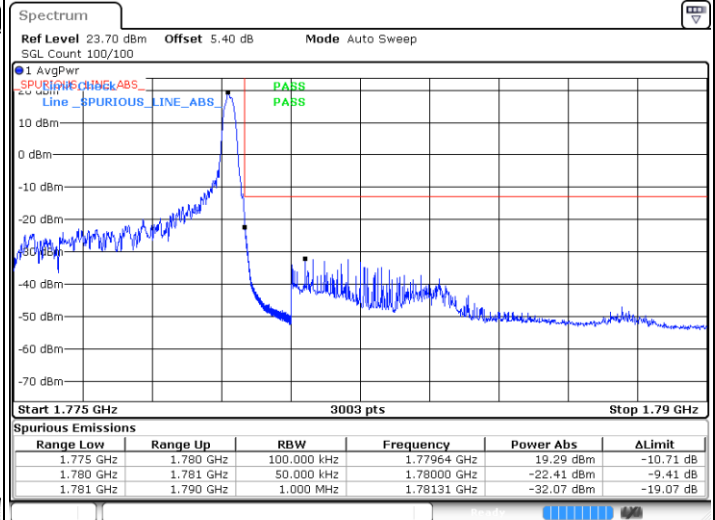


LTE Band 66 / 5MHz / 64QAM

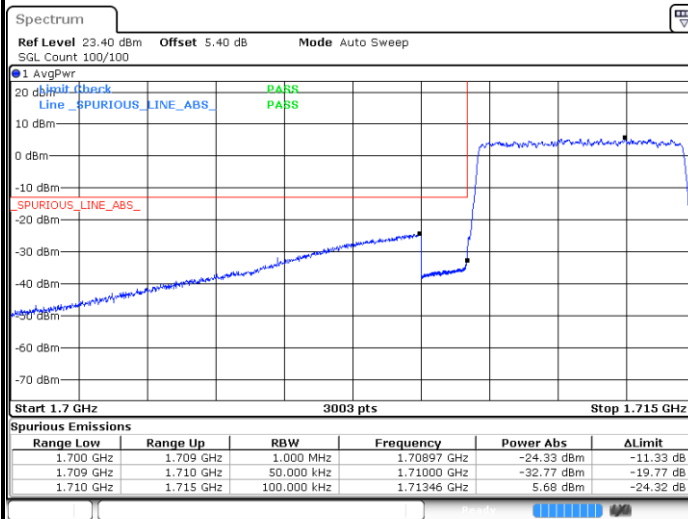
Lowest Band Edge / 1RB



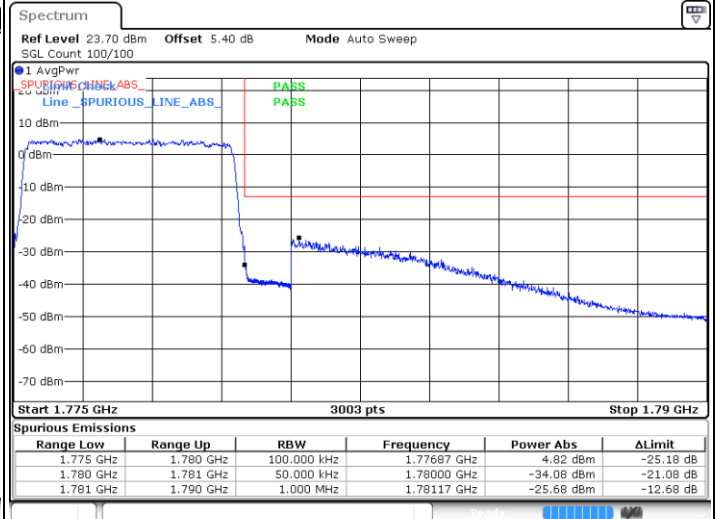
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



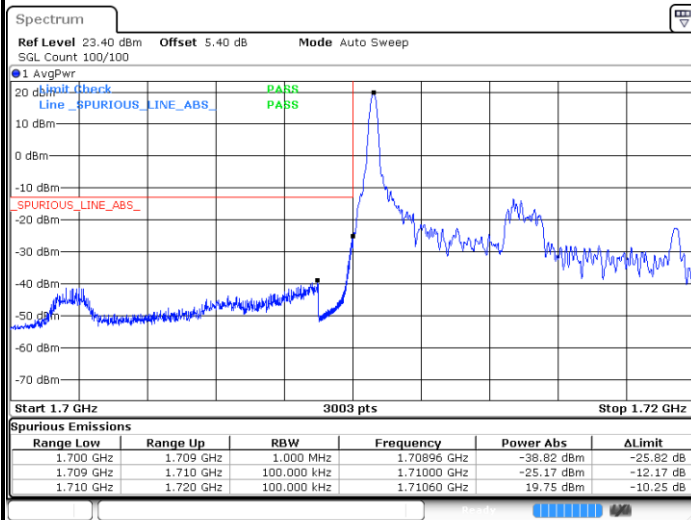
Highest Band Edge / Full RB



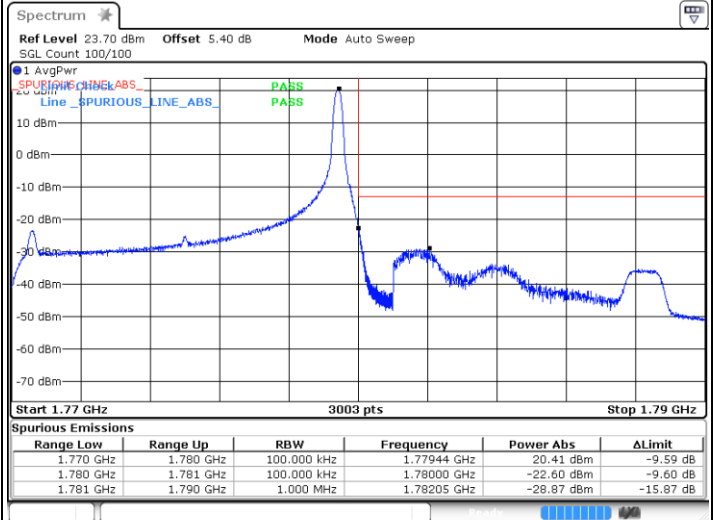


LTE Band 66 / 10MHz / QPSK

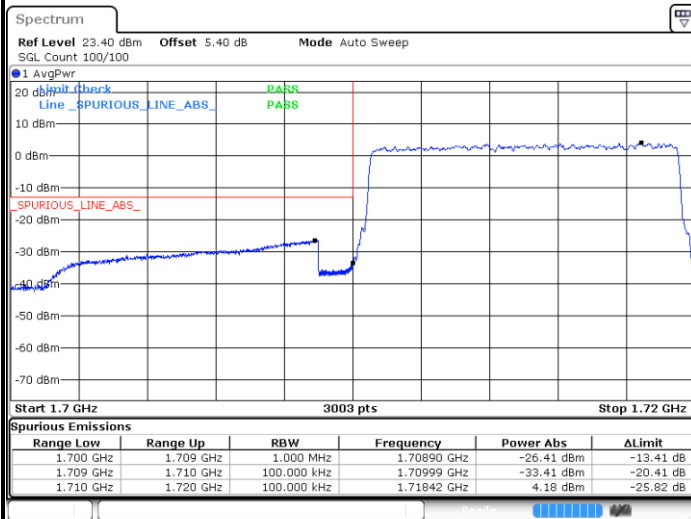
Lowest Band Edge / 1 RB



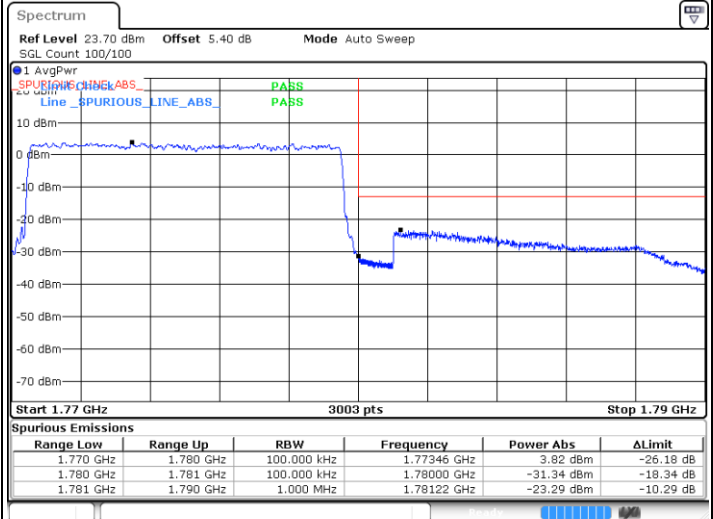
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



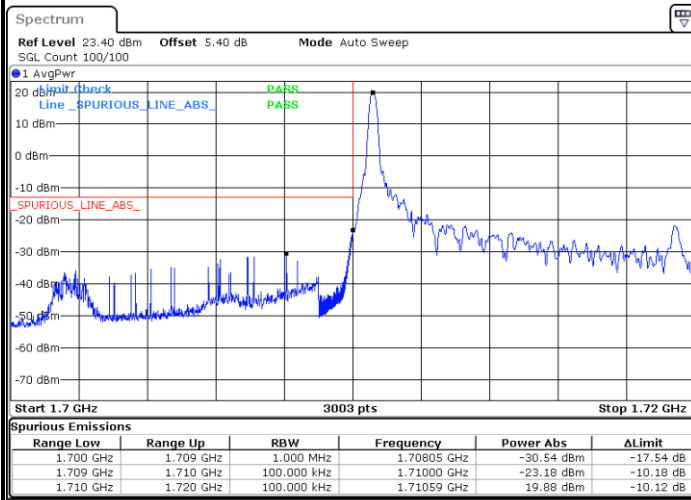
Highest Band Edge / Full RB



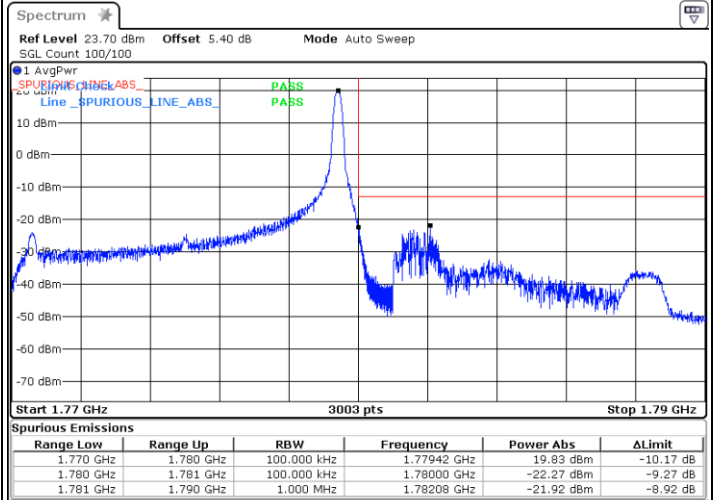


LTE Band 66 / 10MHz / 16QAM

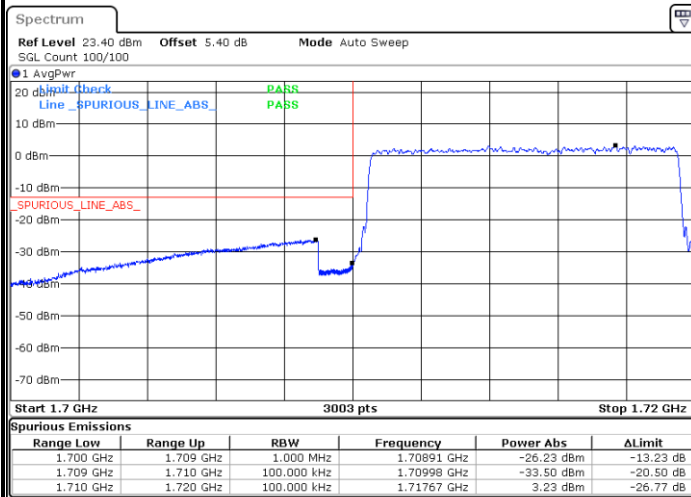
Lowest Band Edge / 1 RB



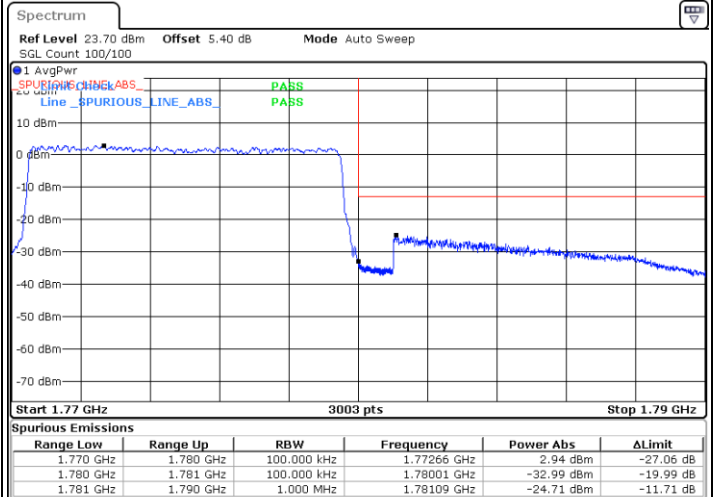
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



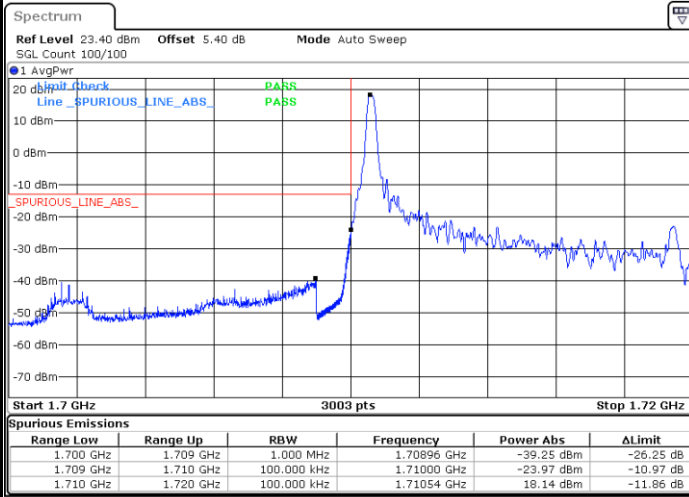
Highest Band Edge / Full RB



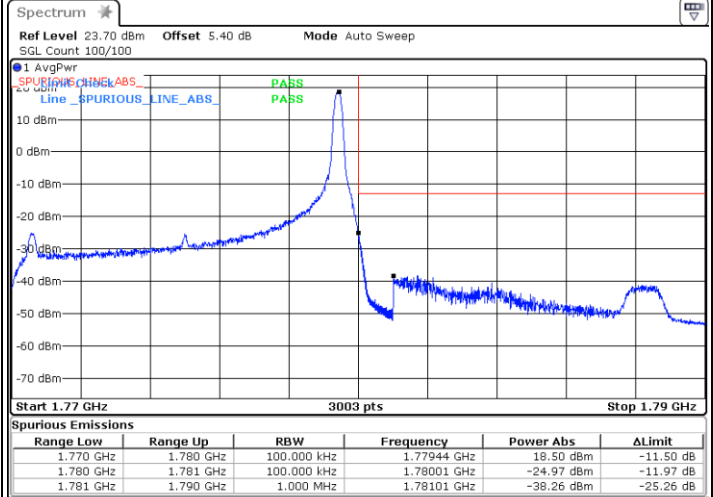


LTE Band 66 / 10MHz / 64QAM

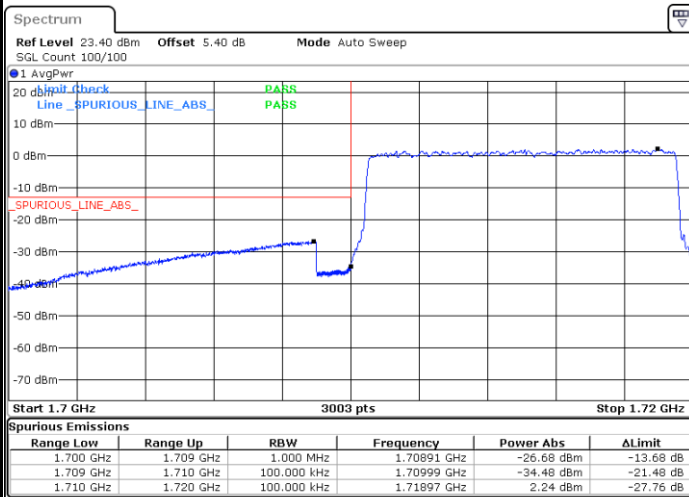
Lowest Band Edge / 1 RB



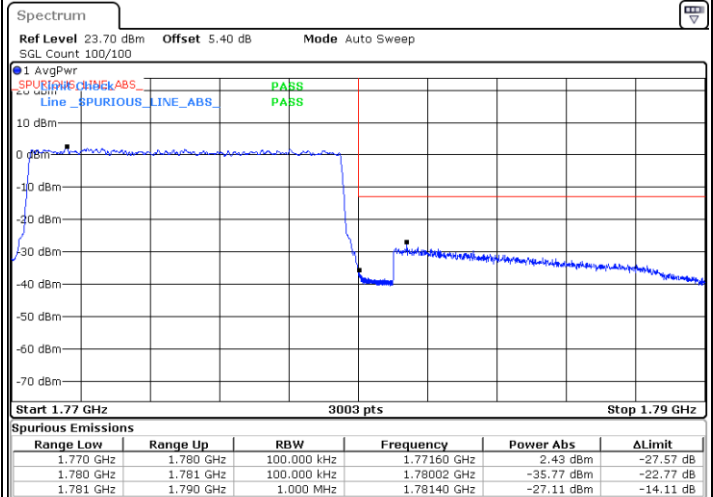
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



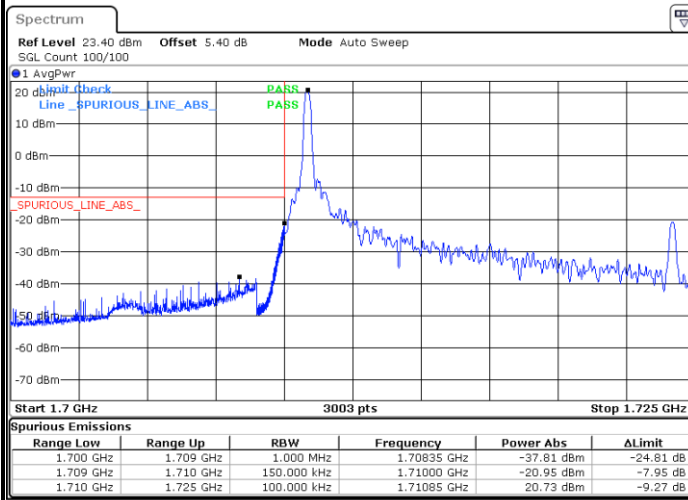
Highest Band Edge / Full RB



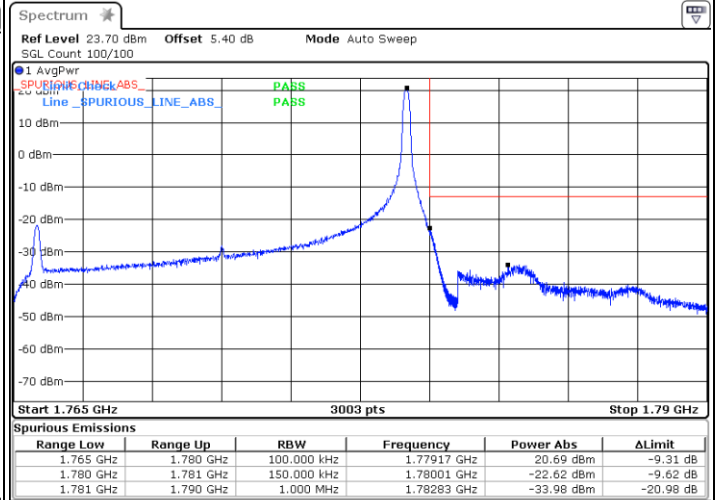


LTE Band 66 / 15MHz / QPSK

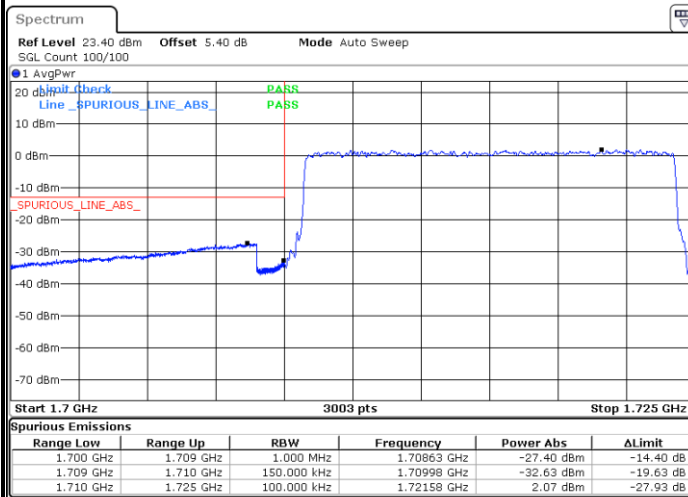
Lowest Band Edge / 1 RB



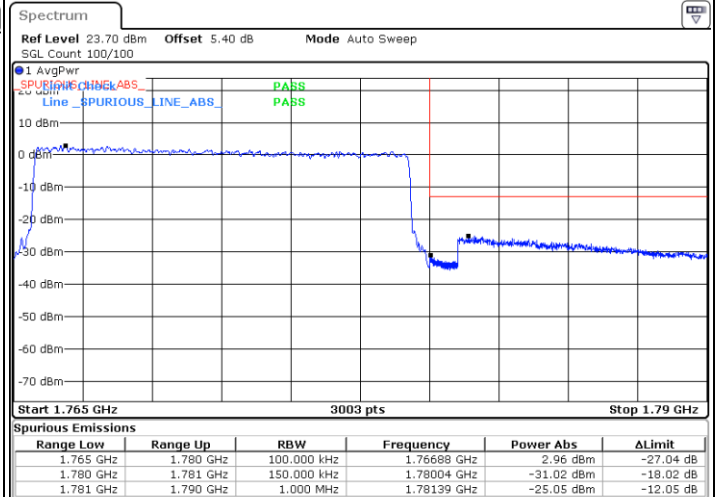
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



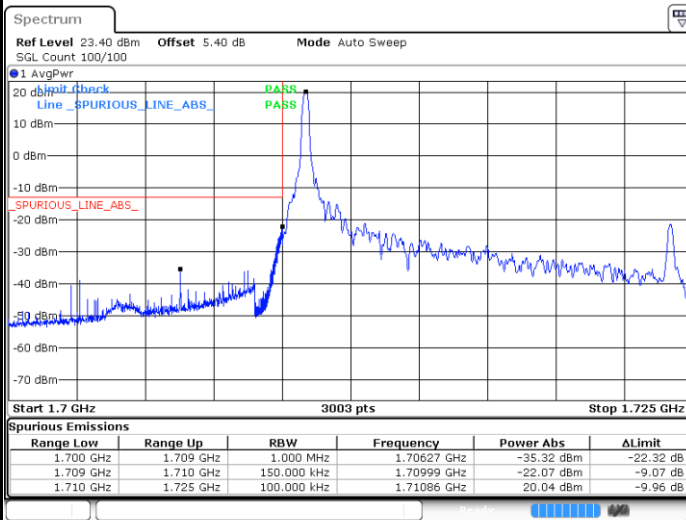
Highest Band Edge / Full RB



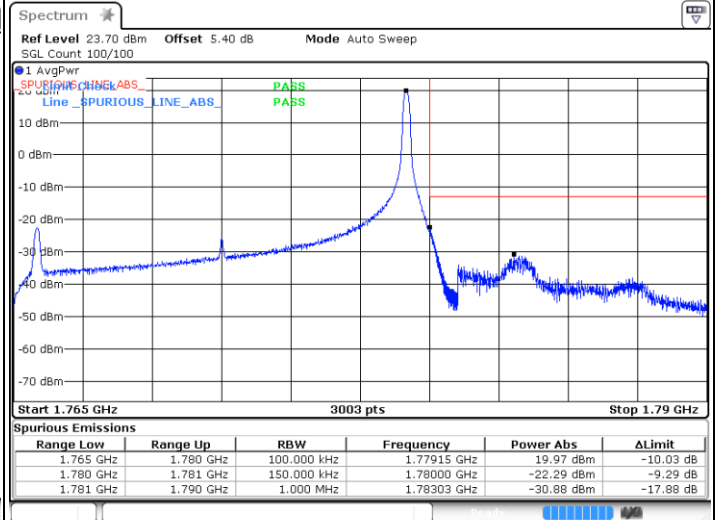


LTE Band 66 / 15MHz / 16QAM

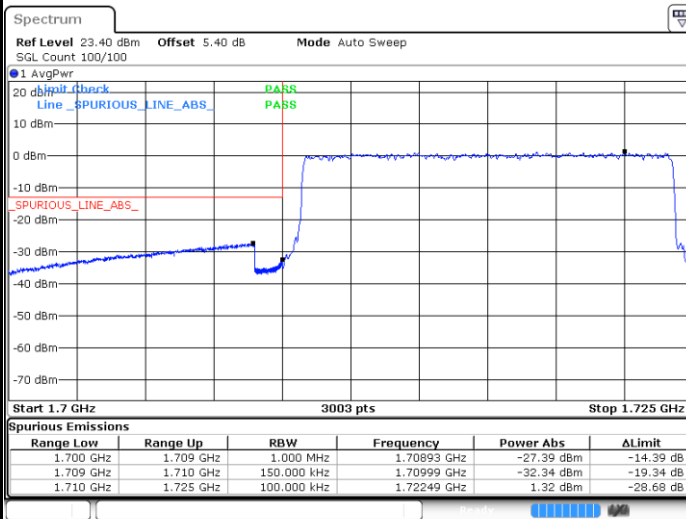
Lowest Band Edge / 1 RB



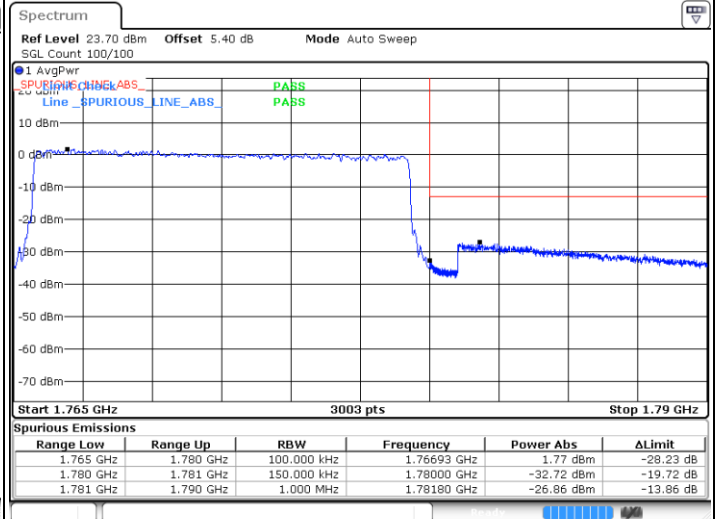
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



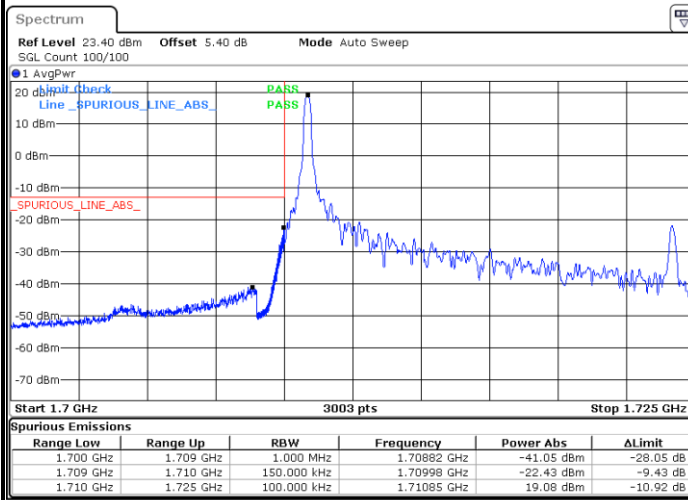
Highest Band Edge / Full RB



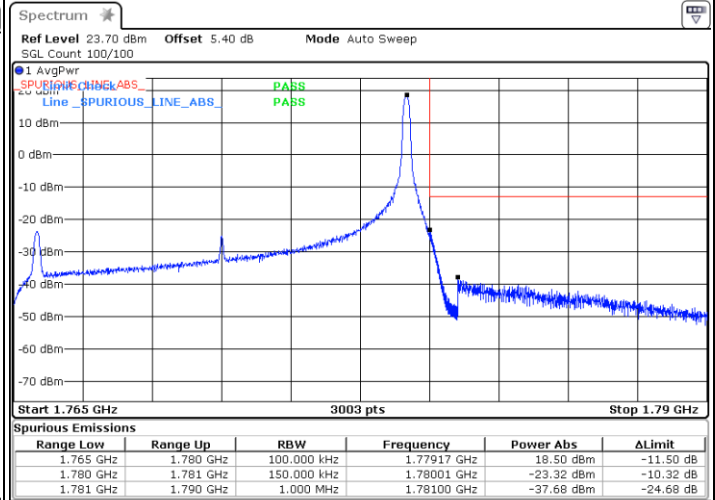


LTE Band 66 / 15MHz / 64QAM

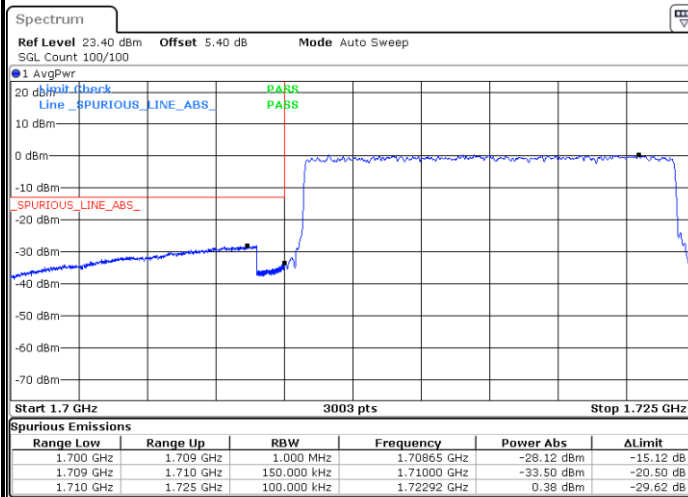
Lowest Band Edge / 1 RB



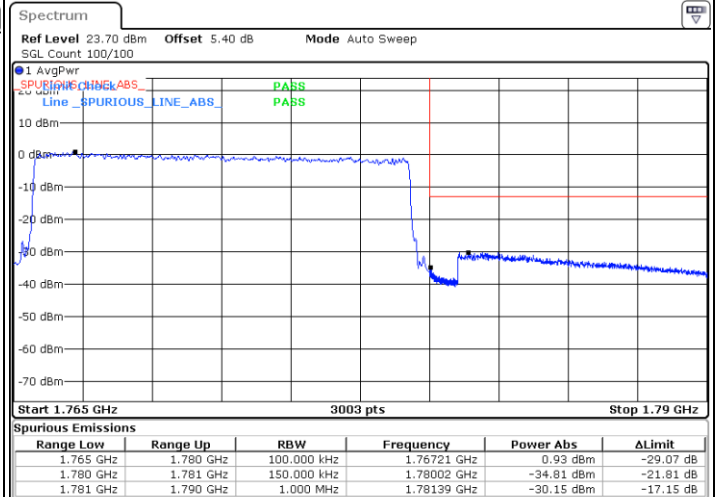
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



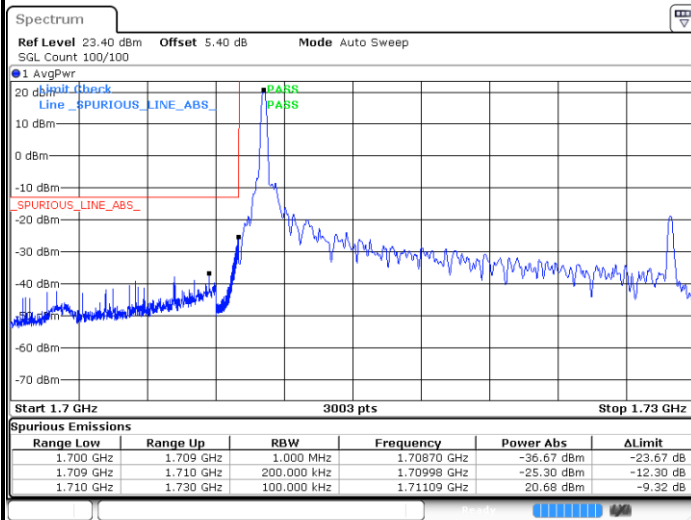
Highest Band Edge / Full RB



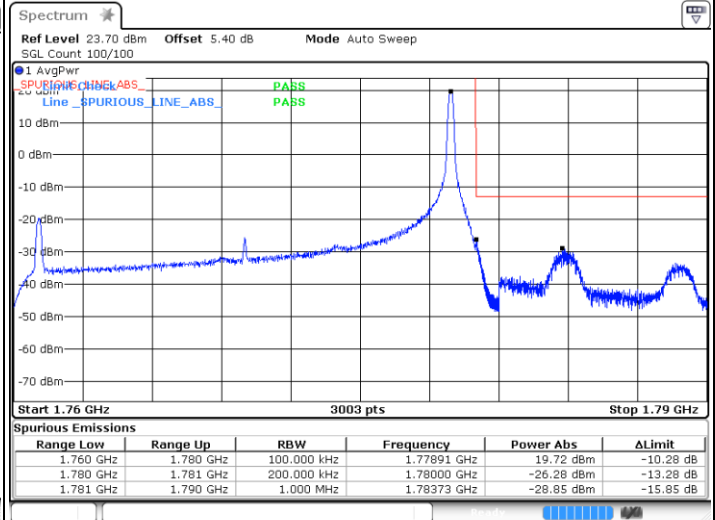


LTE Band 66 / 20MHz / QPSK

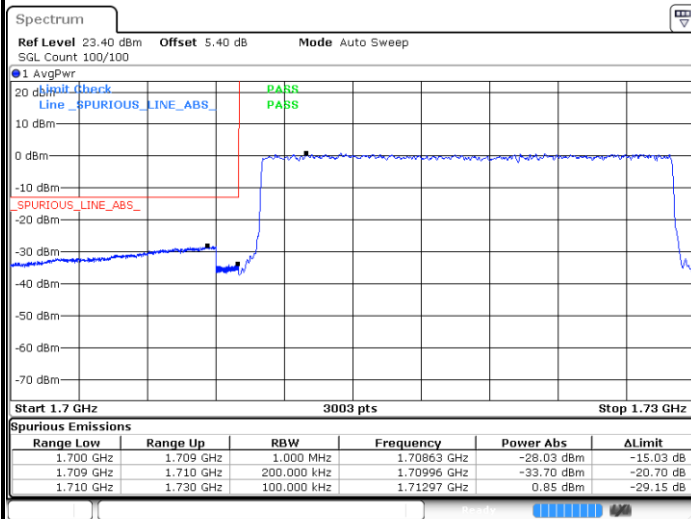
Lowest Band Edge / 1 RB



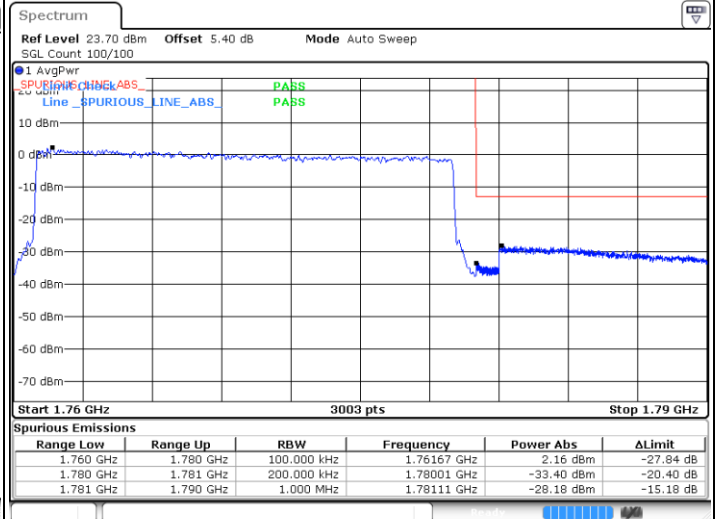
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



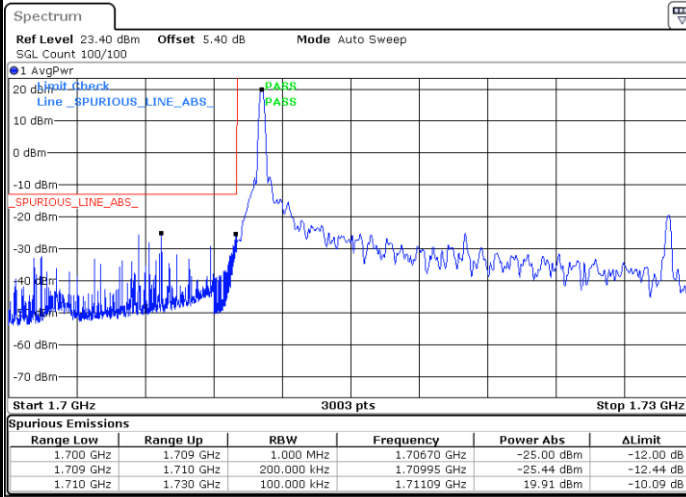
Highest Band Edge / Full RB



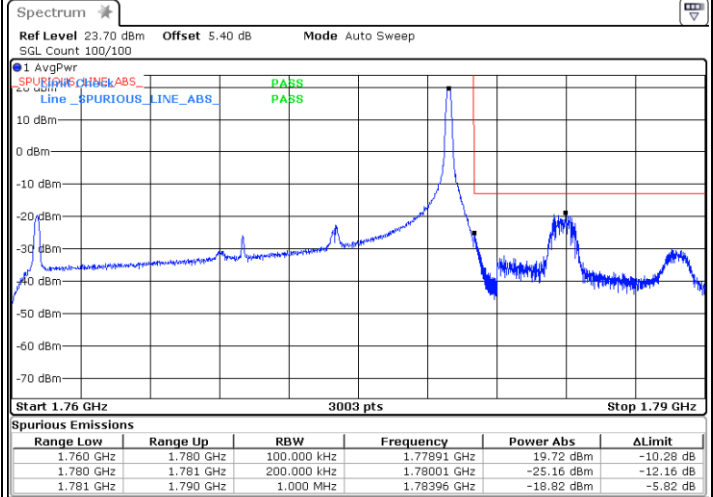


LTE Band 66 / 20MHz / 16QAM

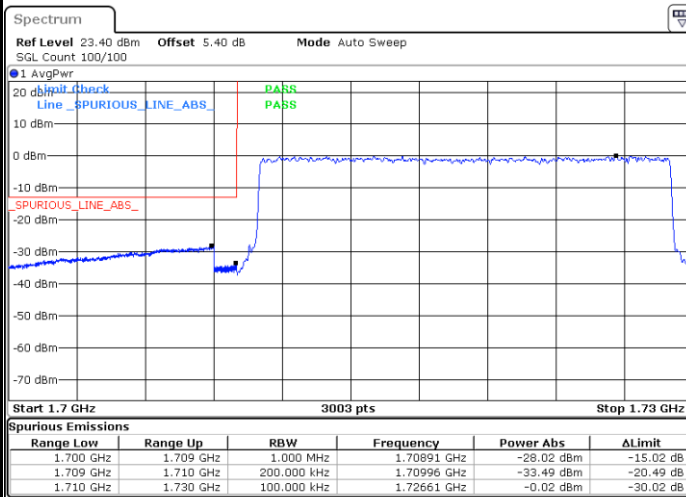
Lowest Band Edge / 1 RB



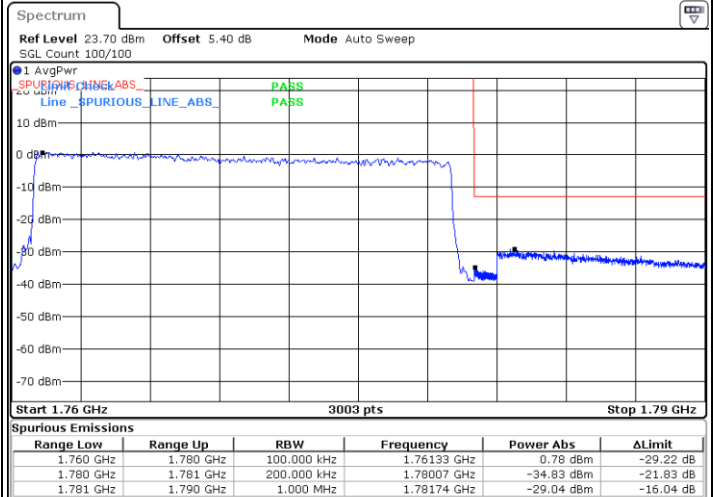
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



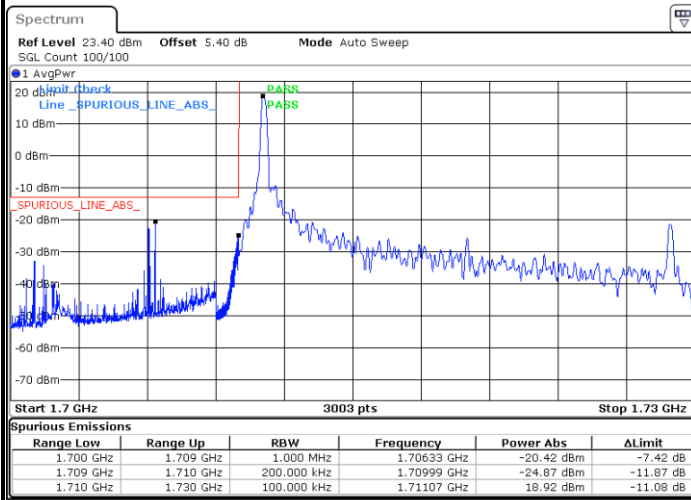
Highest Band Edge / Full RB



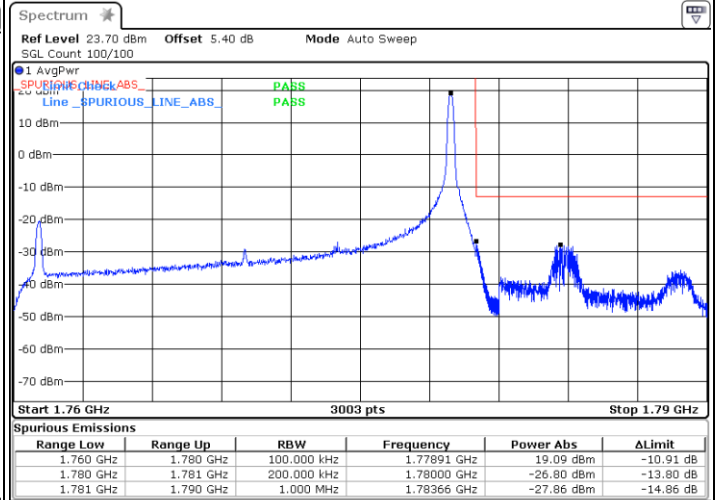


LTE Band 66 / 20MHz / 64QAM

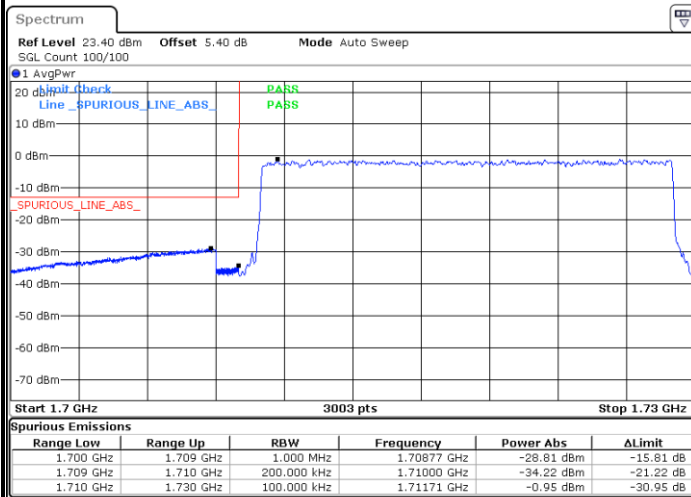
Lowest Band Edge / 1 RB



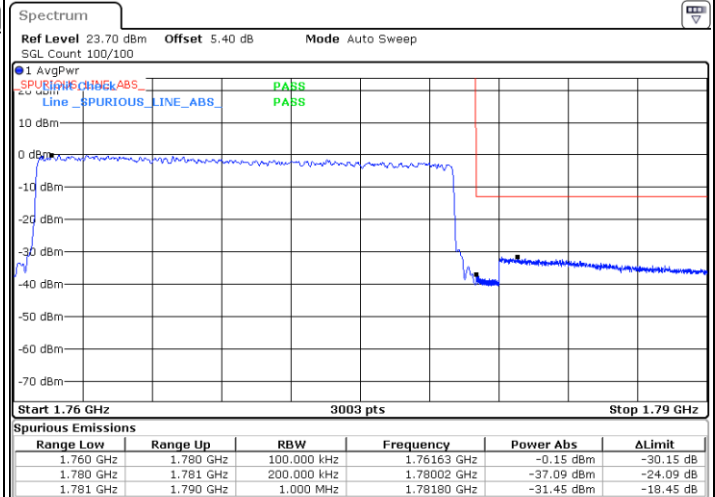
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

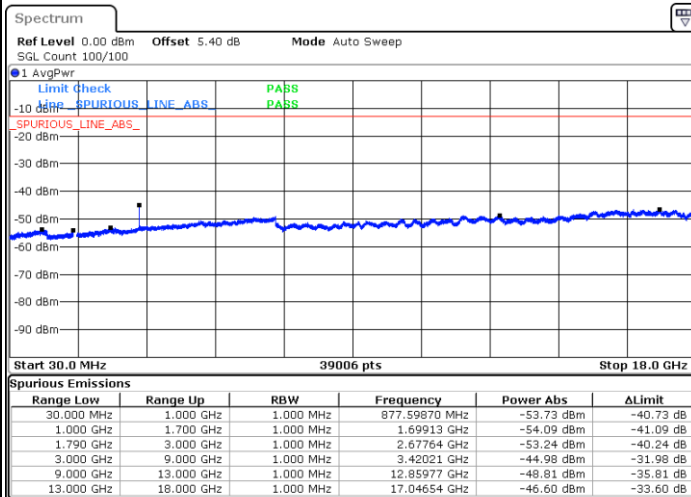




Conducted Spurious Emission

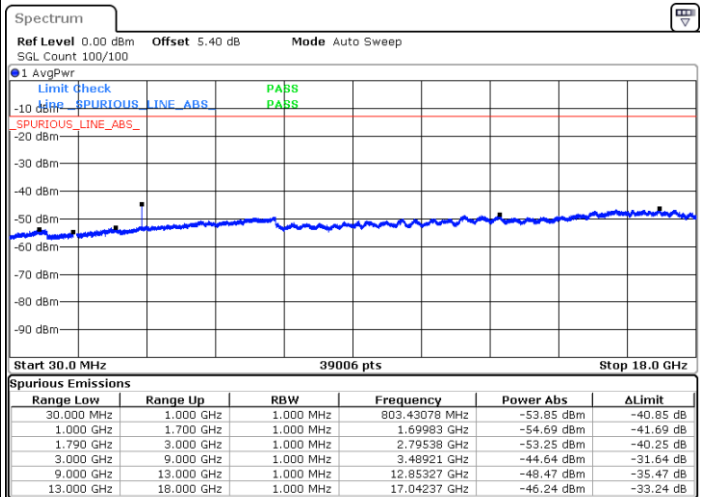
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



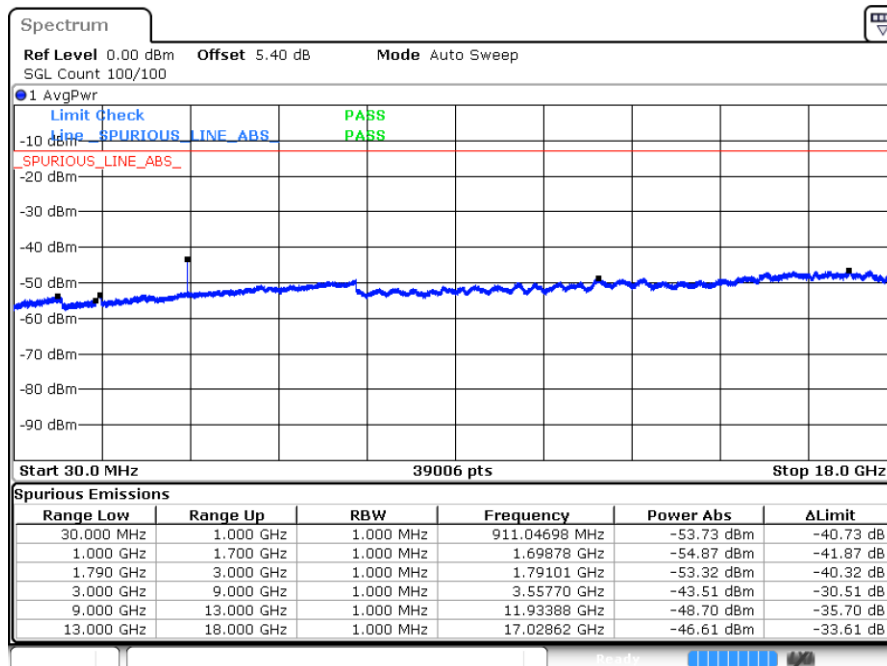
Date: 25 JUN 2021 03:49:02

Middle Channel / QPSK



Date: 25 JUN 2021 03:48:09

Highest Channel / QPSK

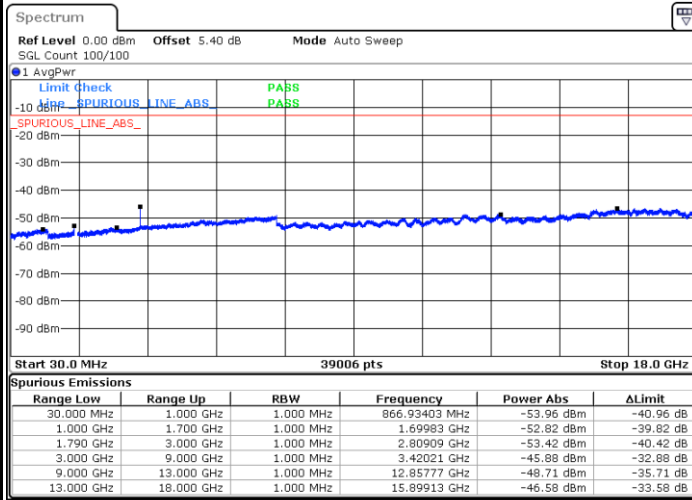


Date: 25 JUN 2021 03:47:08



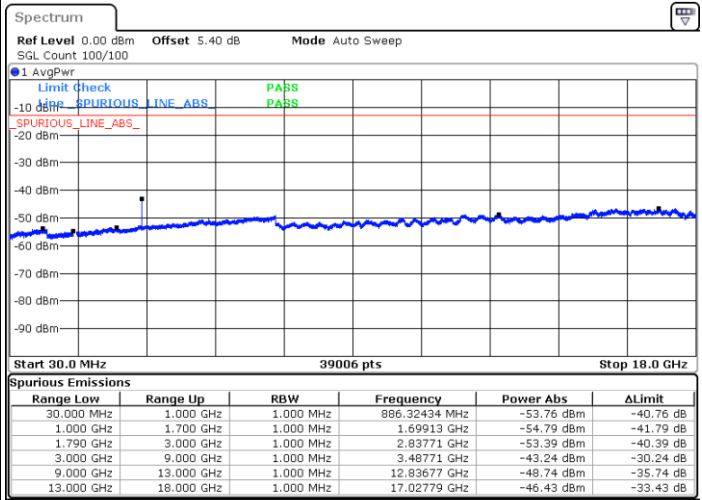
LTE Band 66 / 3MHz

Lowest Channel / QPSK



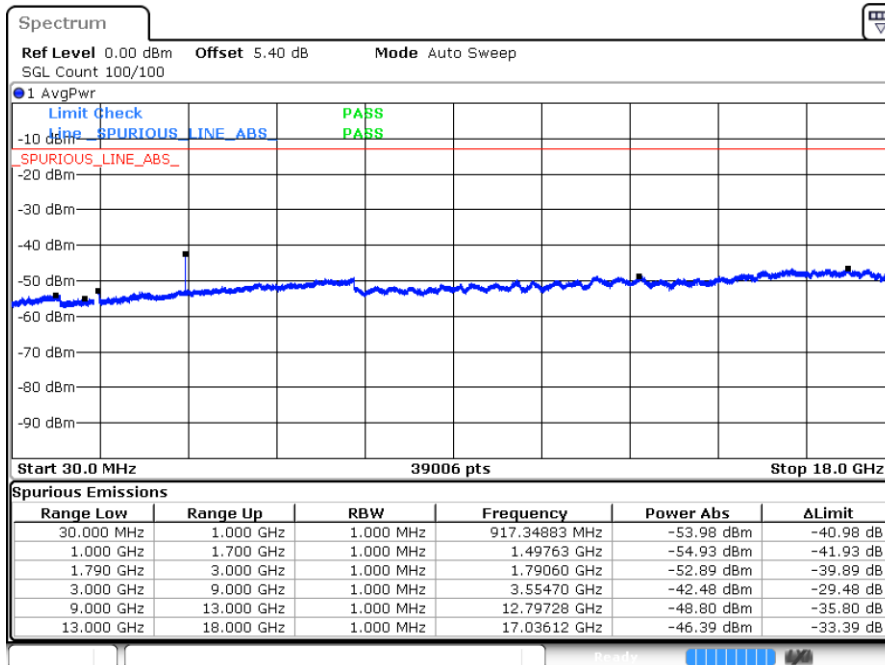
Date: 25 JUN 2021 04:01:42

Middle Channel / QPSK



Date: 25 JUN 2021 04:00:43

Highest Channel / QPSK

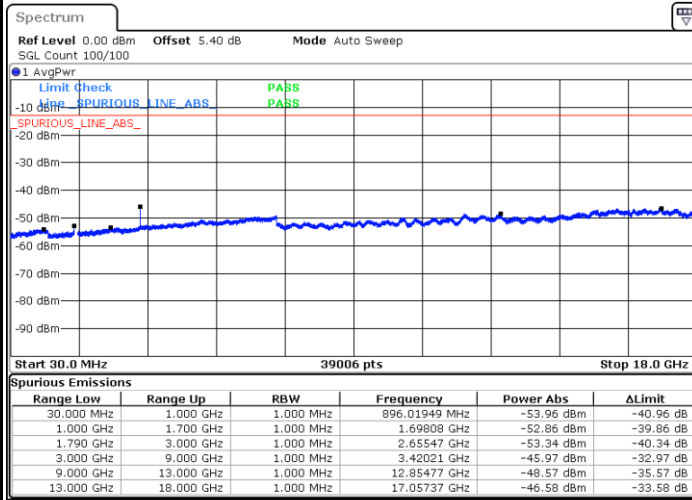


Date: 25 JUN 2021 03:59:33



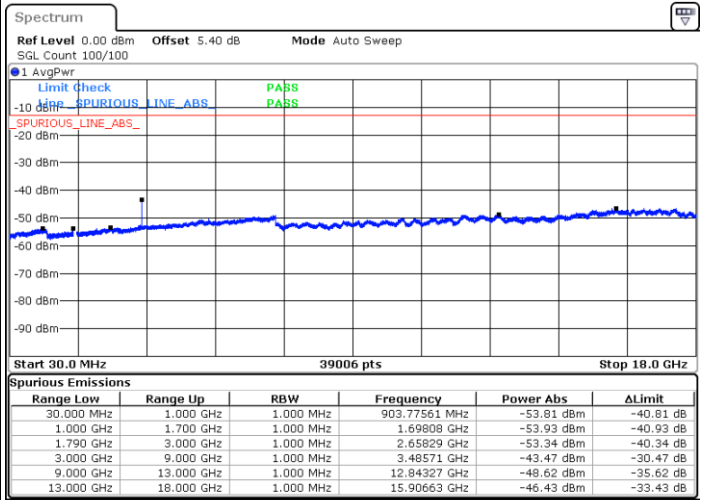
LTE Band 66 / 5MHz

Lowest Channel / QPSK



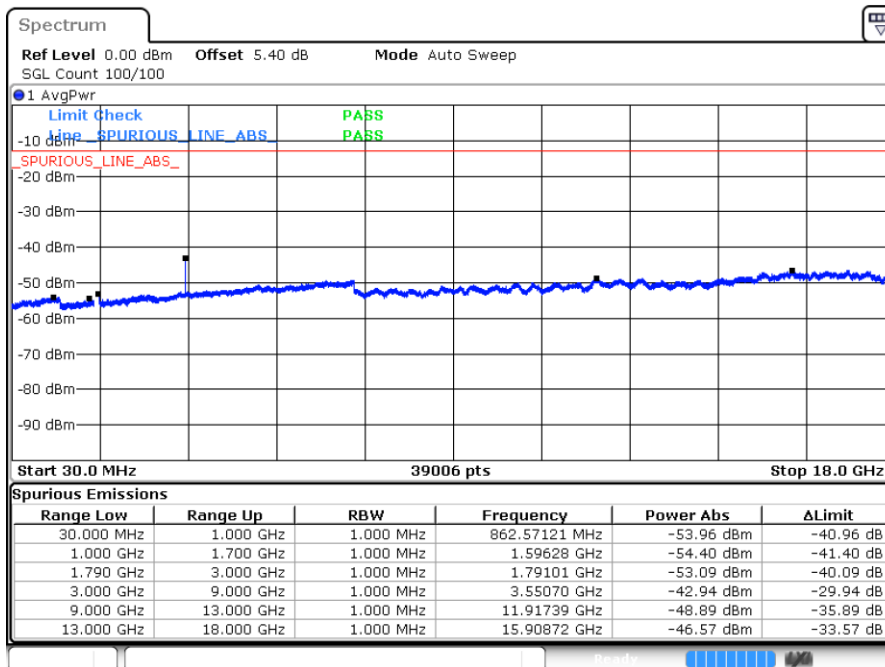
Date: 25 JUN 2021 04:20:01

Middle Channel / QPSK



Date: 25 JUN 2021 04:09:34

Highest Channel / QPSK

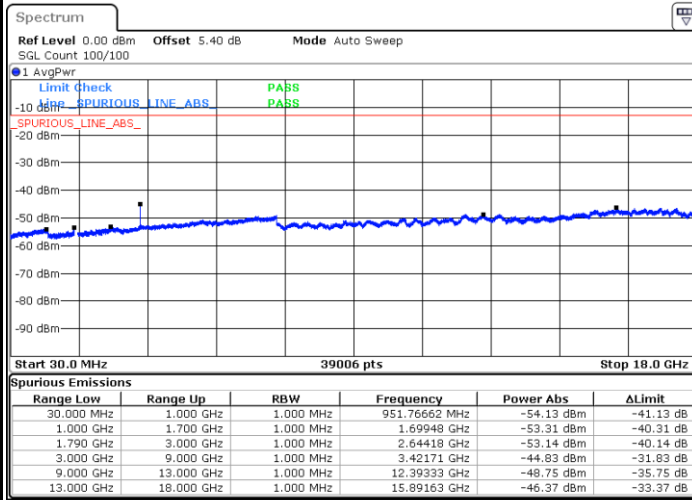


Date: 25 JUN 2021 04:08:16



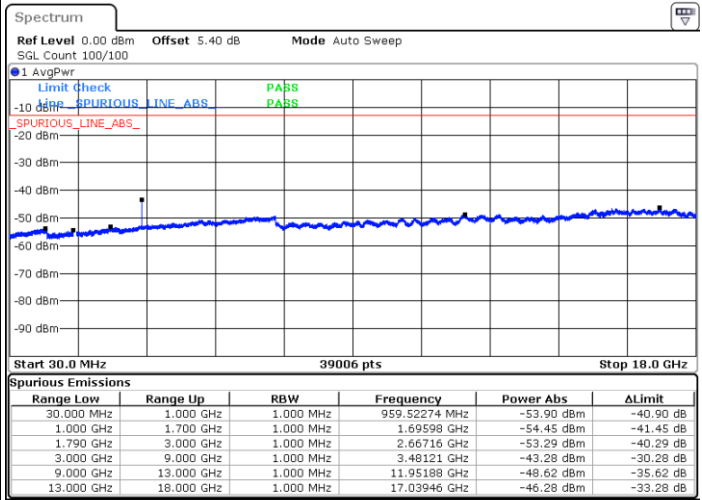
LTE Band 66 / 10MHz

Lowest Channel / QPSK



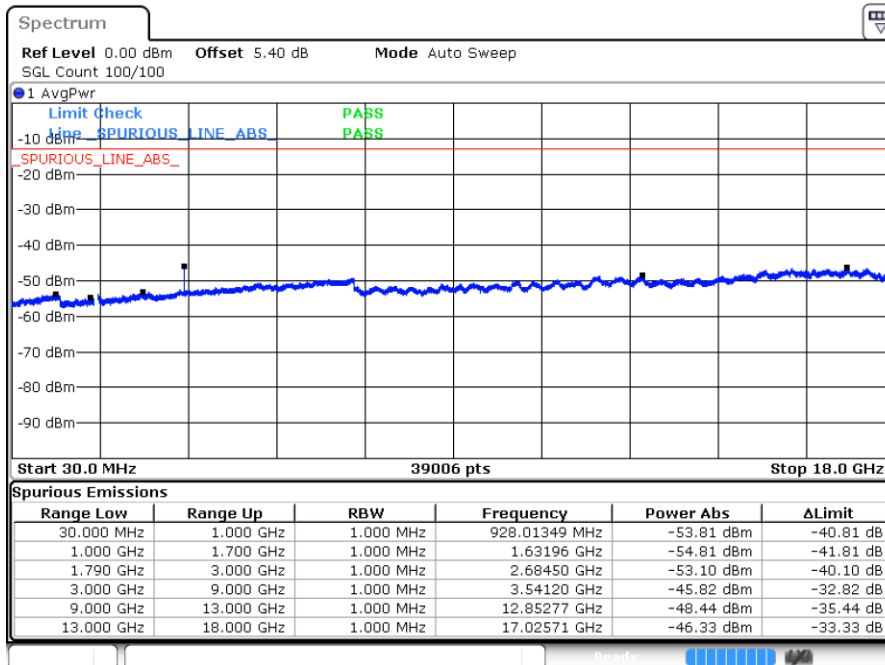
Date: 25 JUN 2021 04:29:18

Middle Channel / QPSK



Date: 25 JUN 2021 04:28:34

Highest Channel / QPSK

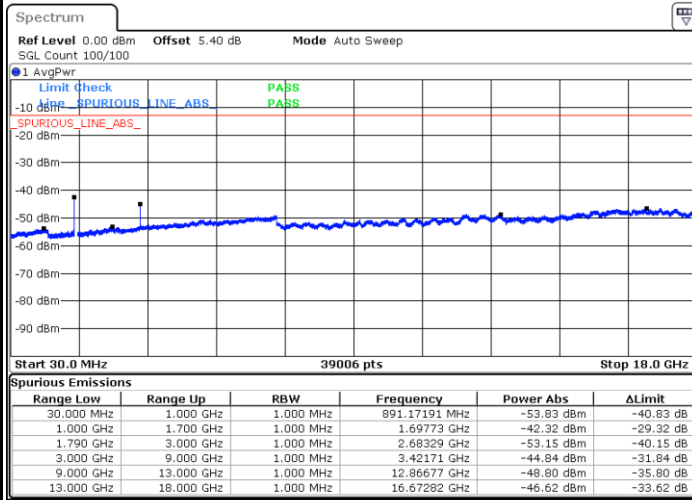


Date: 25 JUN 2021 04:26:54



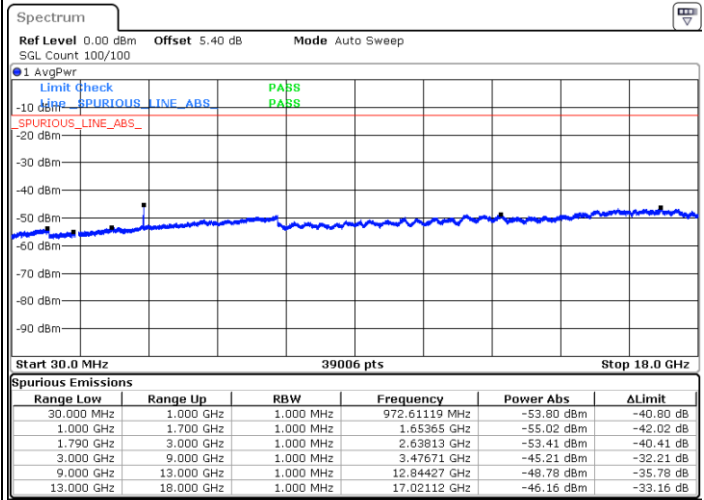
LTE Band 66 / 15MHz

Lowest Channel / QPSK



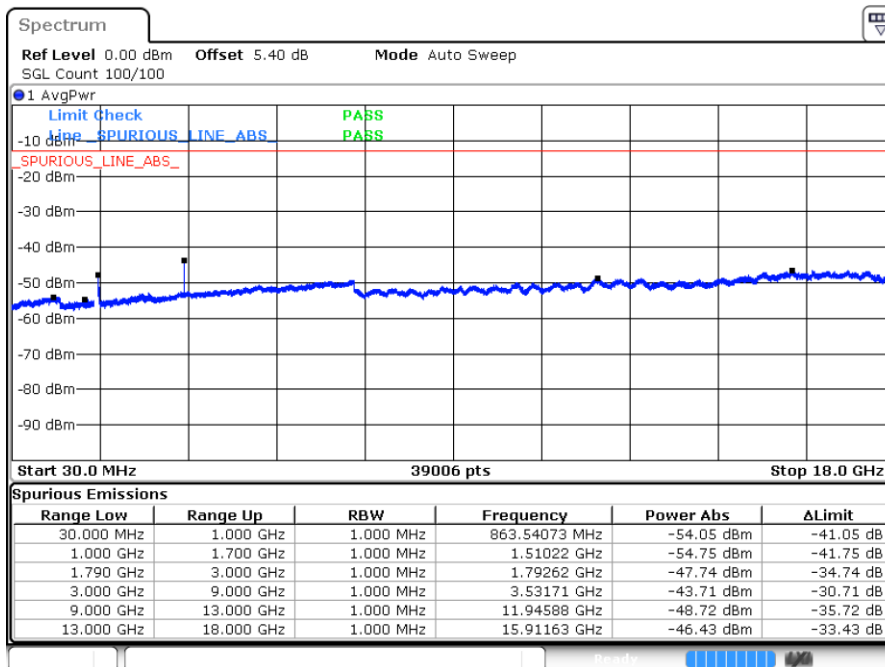
Date: 25 JUN 2021 04:40:49

Middle Channel / QPSK



Date: 25 JUN 2021 04:40:08

Highest Channel / QPSK

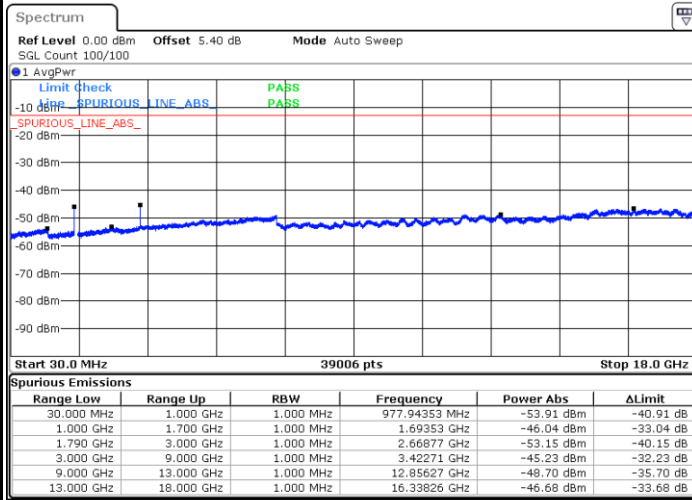


Date: 25 JUN 2021 04:39:05



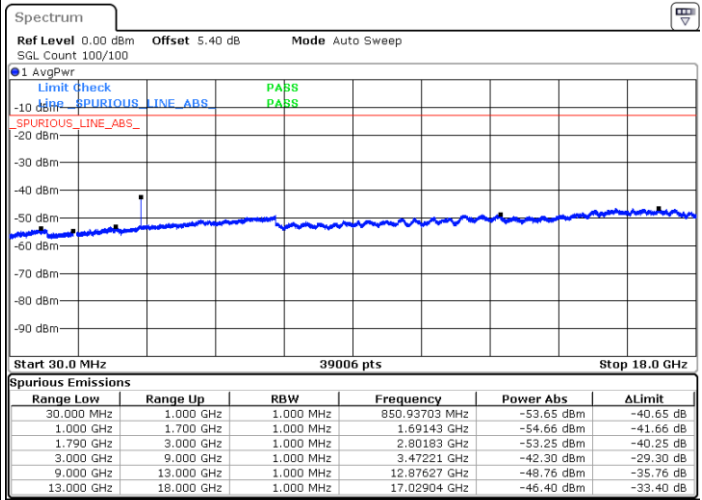
LTE Band 66 / 20MHz

Lowest Channel / QPSK



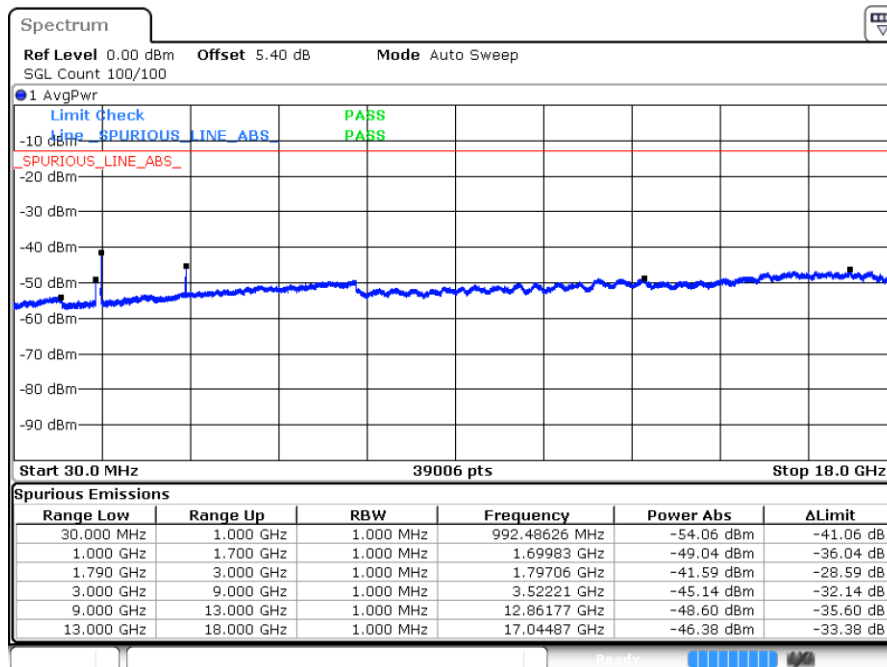
Date: 25 JUN 2021 04:50:26

Middle Channel / QPSK



Date: 25 JUN 2021 04:49:28

Highest Channel / QPSK



Date: 25 JUN 2021 04:48:26

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 20MHz / QPSK								
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	3741	-54.93	-13	-41.93	-67.19	2.64	14.90	H
	5613	-54.02	-13	-41.02	-65.88	2.94	14.80	H
	7488	-52.45	-13	-39.45	-62.22	3.39	13.16	H
	3741	-55.17	-13	-42.17	-67.43	2.64	14.90	V
	5613	-55.91	-13	-42.91	-67.77	2.94	14.80	V
	7488	-52.45	-13	-39.45	-62.22	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK								
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	1664	-58.45	-13	-45.45	-65.42	1.58	10.70	H
	2496	-60.85	-13	-47.85	-69.10	2.10	12.50	H
	3330	-56.08	-13	-43.08	-64.97	2.86	13.90	H
	1664	-60.51	-13	-47.51	-67.48	1.58	10.70	V
	2496	-59.35	-13	-46.35	-67.60	2.10	12.50	V
	3330	-56.63	-13	-43.63	-65.52	2.86	13.90	V

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

LTE Band 7 / 20MHz / QPSK								
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	5052	-55.20	-25	-30.20	-65.41	3.03	13.24	H
	7580	-61.08	-25	-36.08	-70.53	3.56	13.01	H
	10100	-60.60	-25	-35.60	-70.12	3.92	13.44	H
	5052	-58.21	-25	-33.21	-68.42	3.03	13.24	V
	7580	-61.75	-25	-36.75	-71.20	3.56	13.01	V
	10100	-60.87	-25	-35.87	-70.39	3.92	13.44	V

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



LTE Band 66 / 20MHz / QPSK								
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	3471	-56.55	-13	-43.55	-67.29	2.604	13.34	H
	5208	-53.62	-13	-40.62	-64.13	3.011	13.52	H
	6948	-54.11	-13	-41.11	-64.31	3.271	13.47	H
	3471	-57.08	-13	-44.08	-67.82	2.604	13.34	V
	5208	-54.14	-13	-41.14	-64.65	3.011	13.52	V
	6948	-54.47	-13	-41.47	-64.67	3.271	13.47	V

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