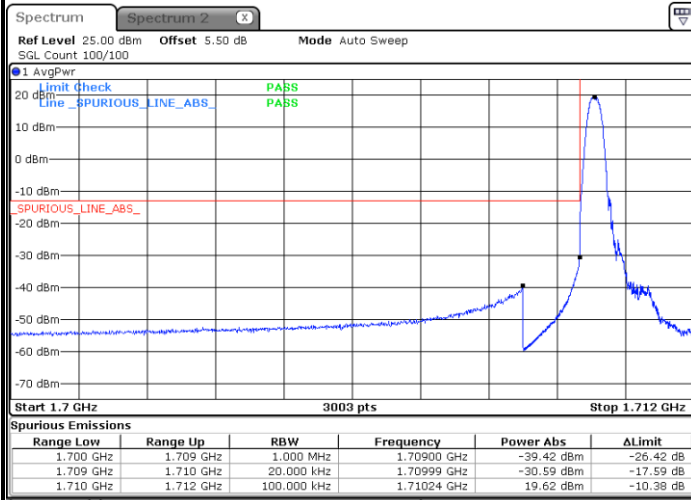


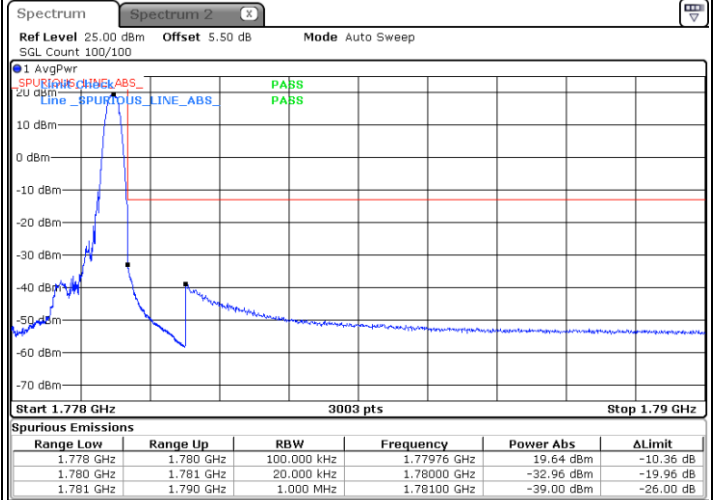


LTE Band 66 / 1.4MHz / 64QAM

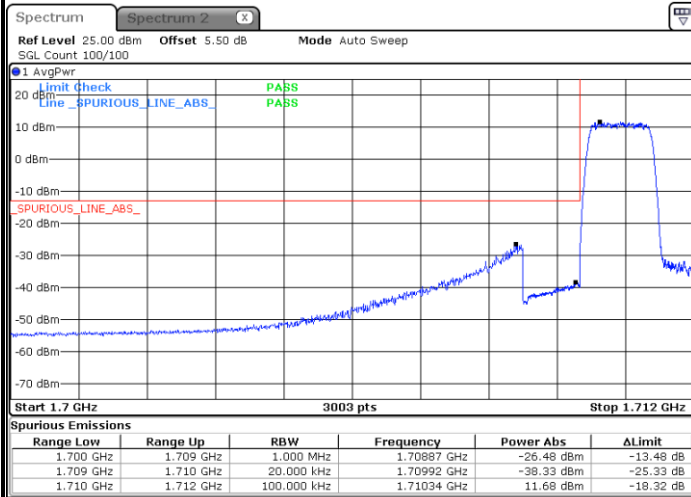
Lowest Band Edge / 1 RB



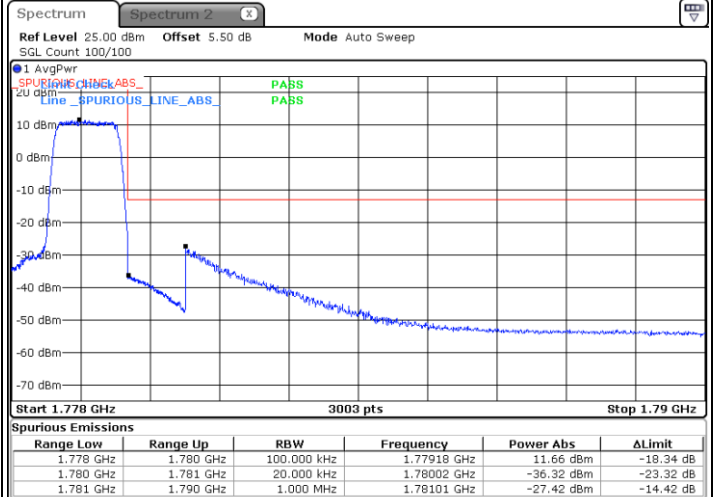
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



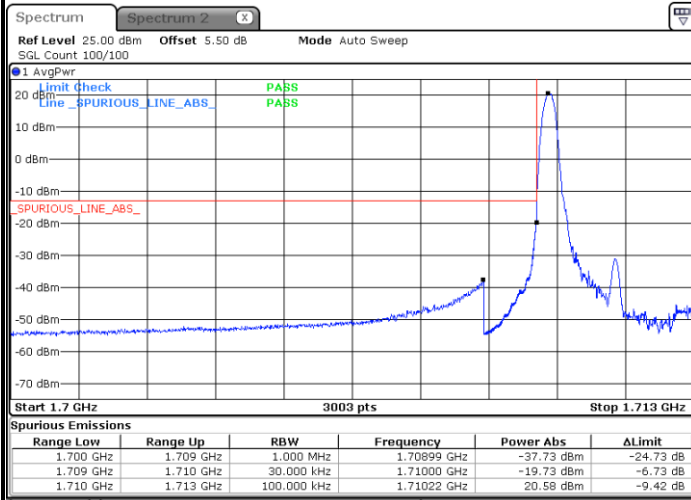
Highest Band Edge / Full RB



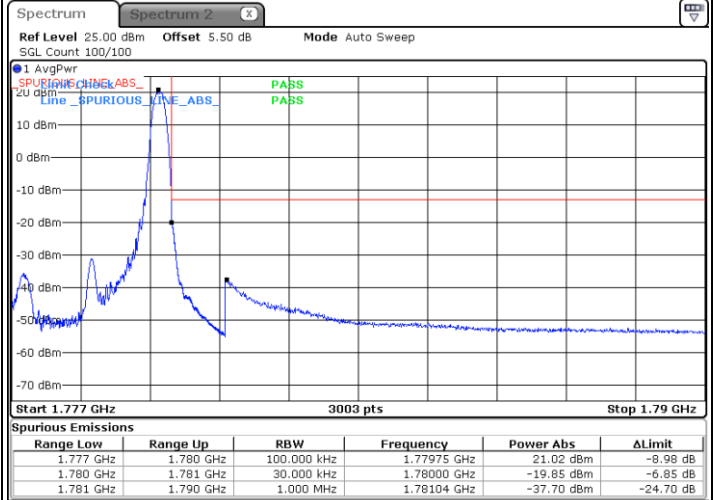


LTE Band 66 / 3MHz / QPSK

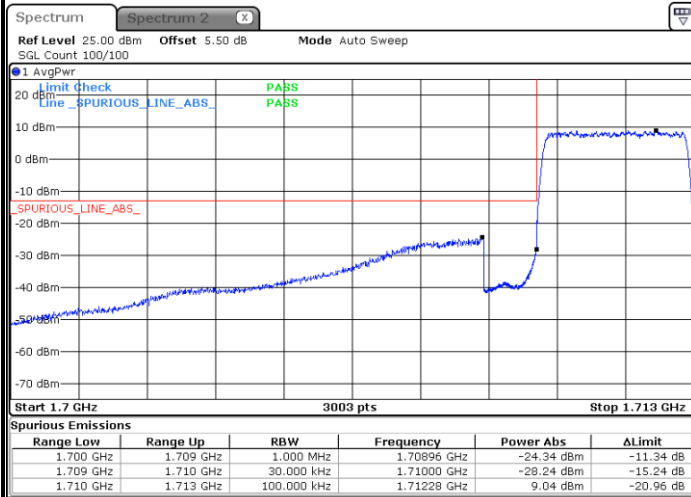
Lowest Band Edge / 1RB



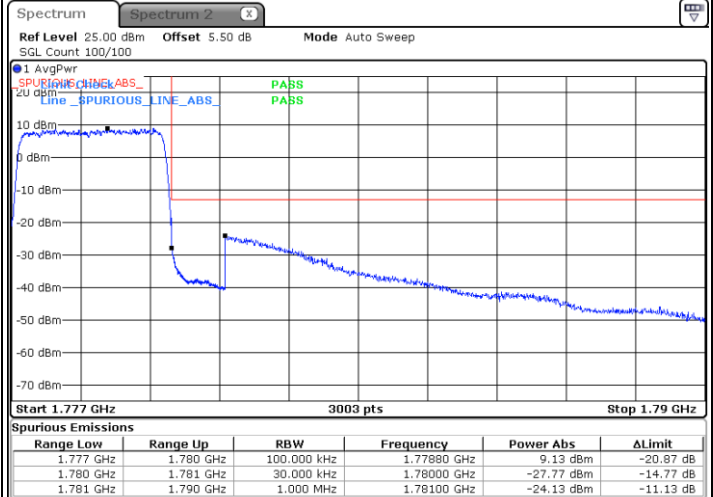
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



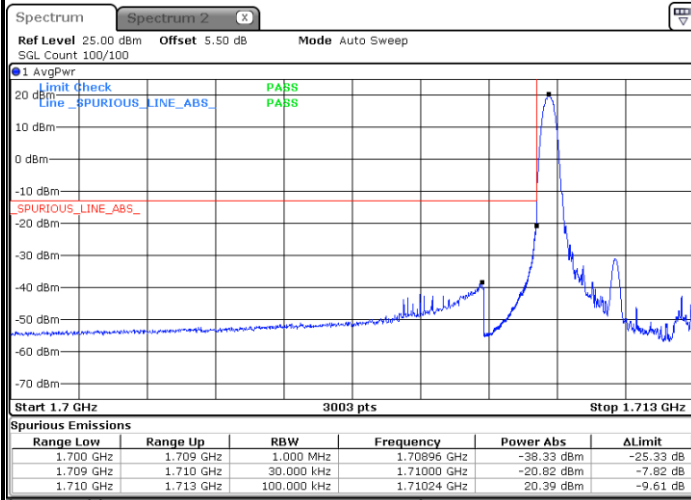
Highest Band Edge / Full RB



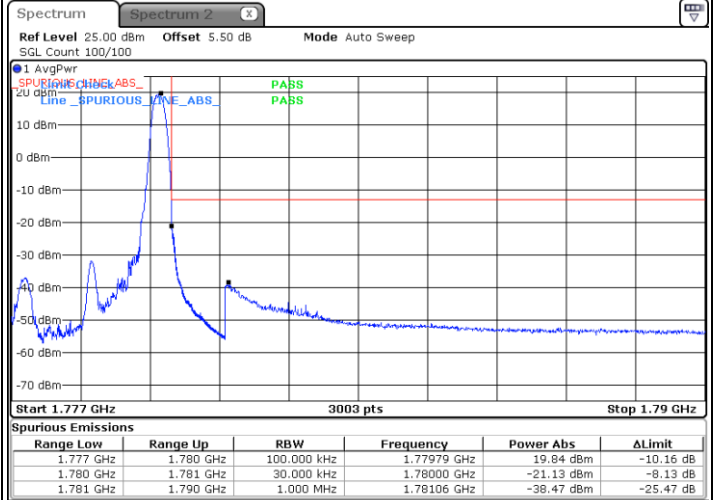


LTE Band 66 / 3MHz / 16QAM

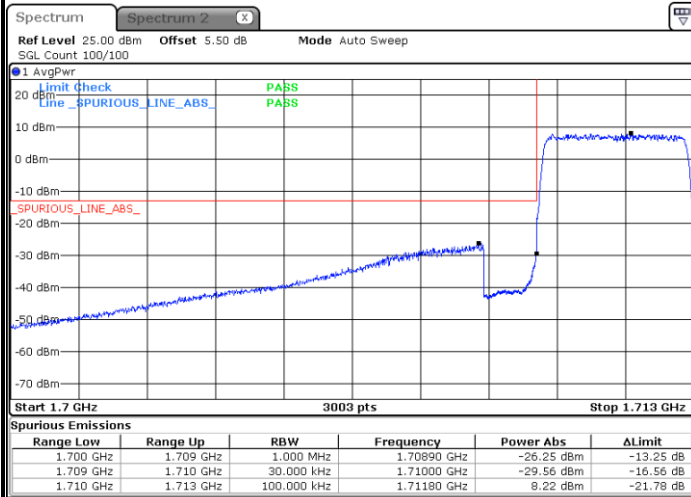
Lowest Band Edge / 1 RB



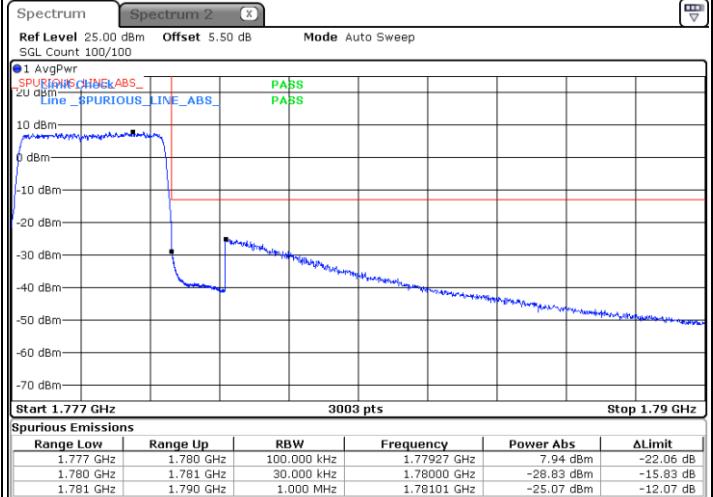
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



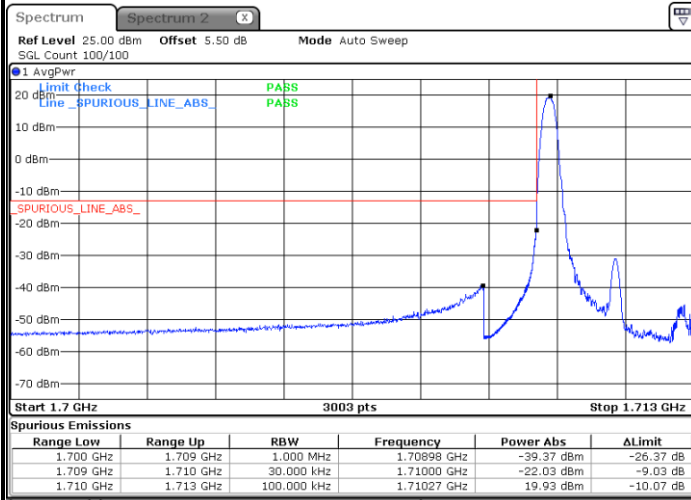
Highest Band Edge / Full RB



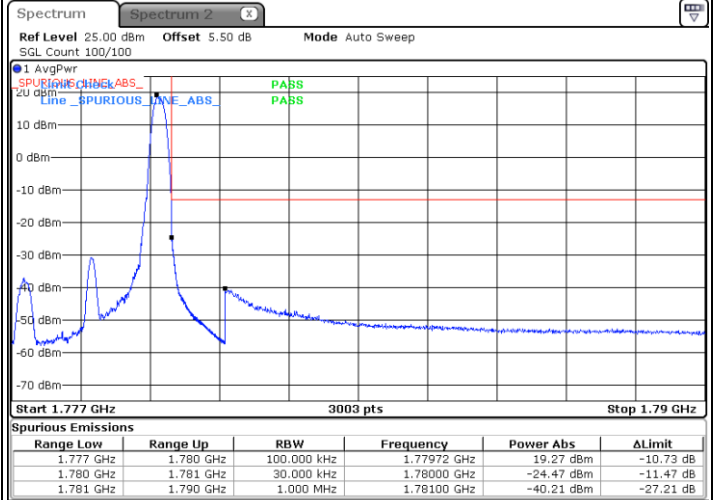


LTE Band 66 / 3MHz / 64QAM

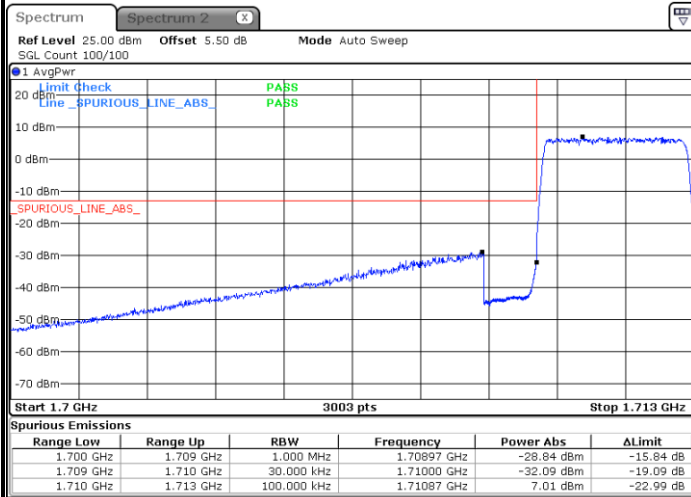
Lowest Band Edge / 1 RB



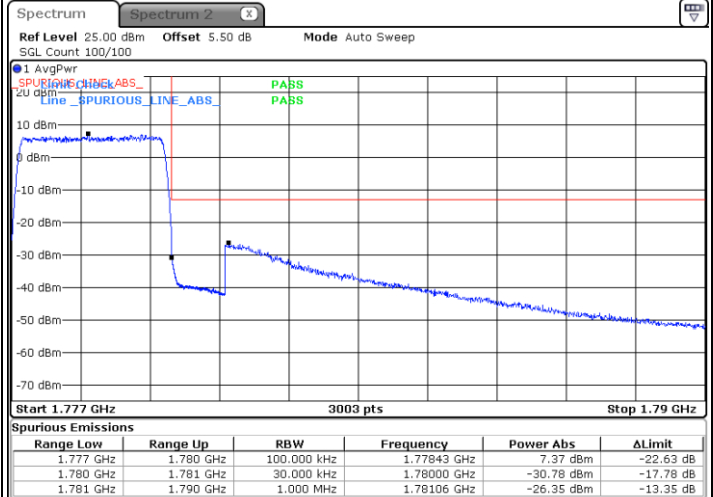
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



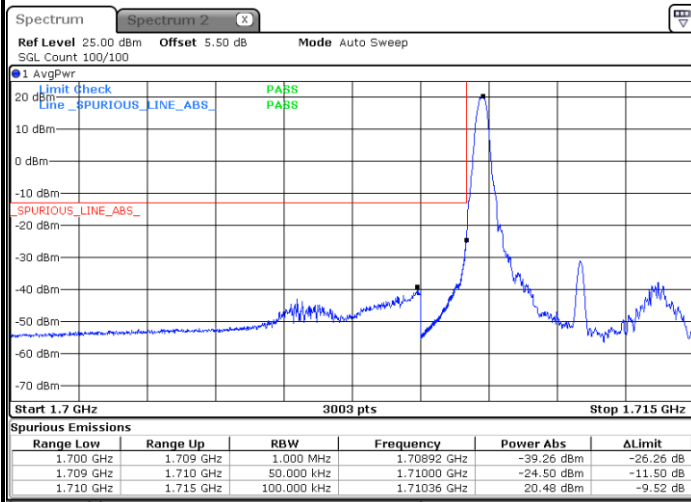
Highest Band Edge / Full RB



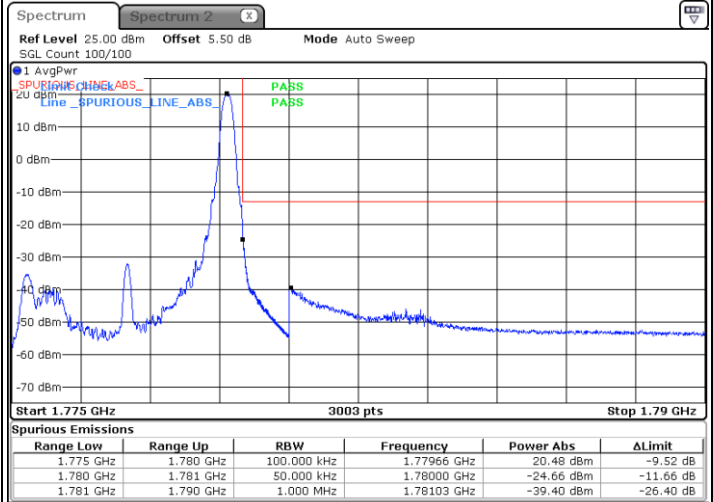


LTE Band 66 / 5MHz / QPSK

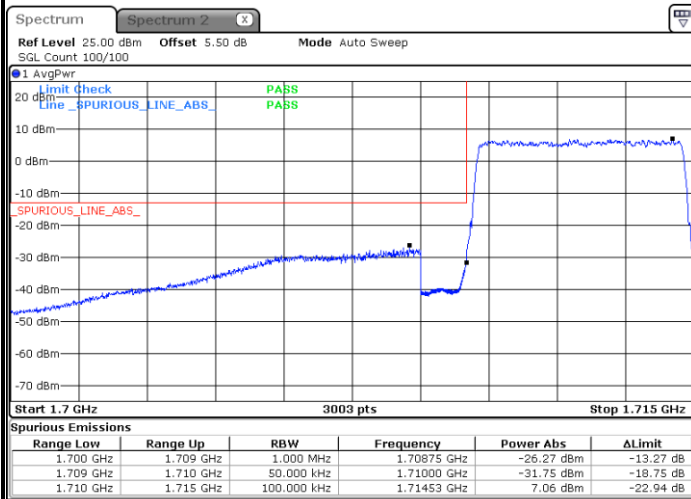
Lowest Band Edge / 1 RB



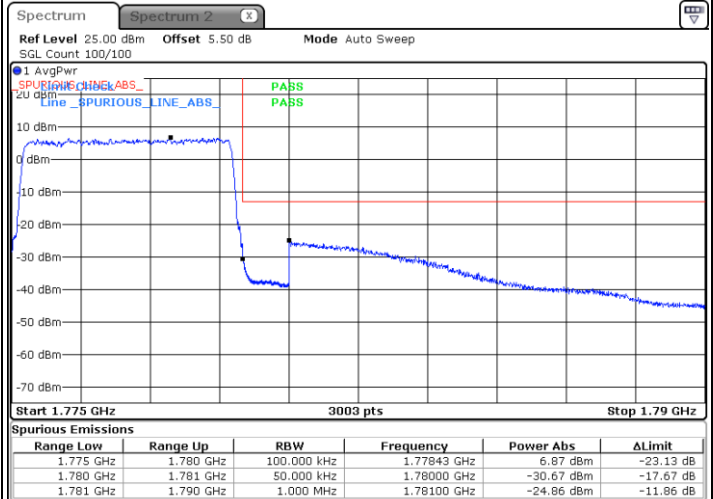
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



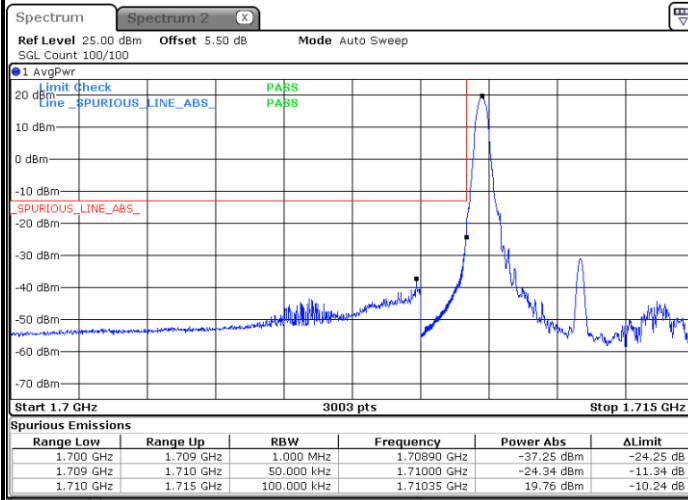
Highest Band Edge / Full RB



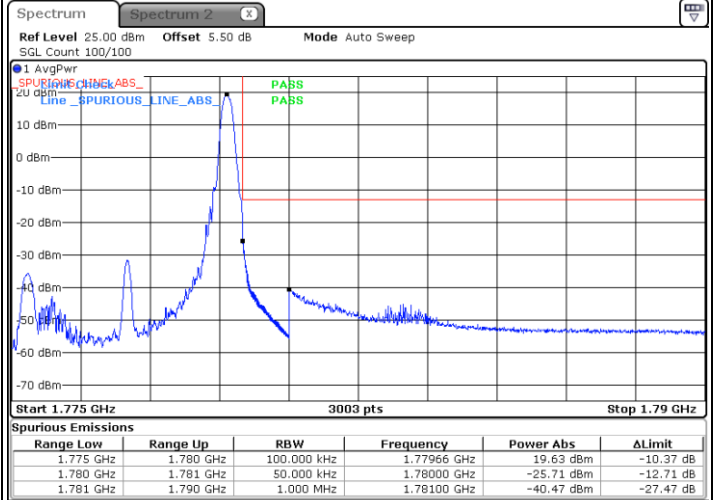


LTE Band 66 / 5MHz / 16QAM

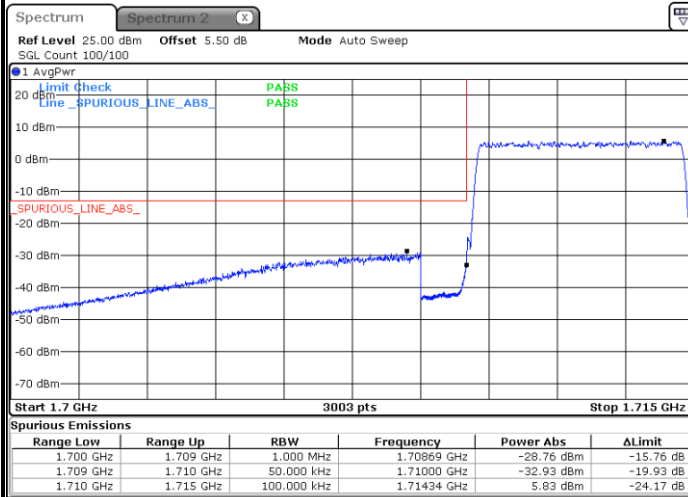
Lowest Band Edge / 1RB



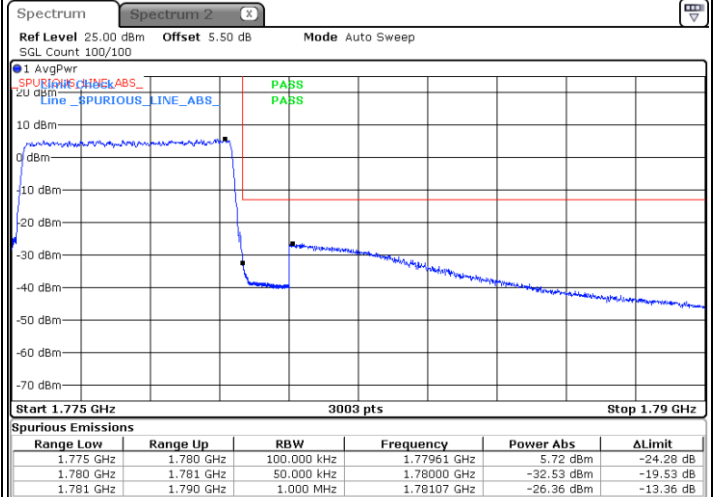
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



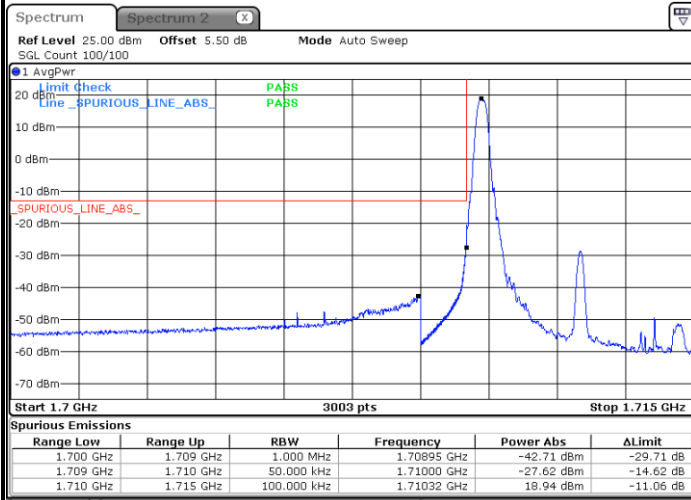
Highest Band Edge / Full RB



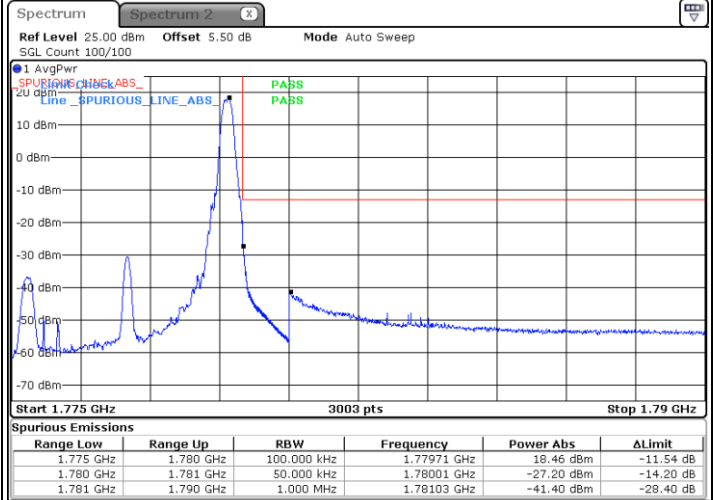


LTE Band 66 / 5MHz / 64QAM

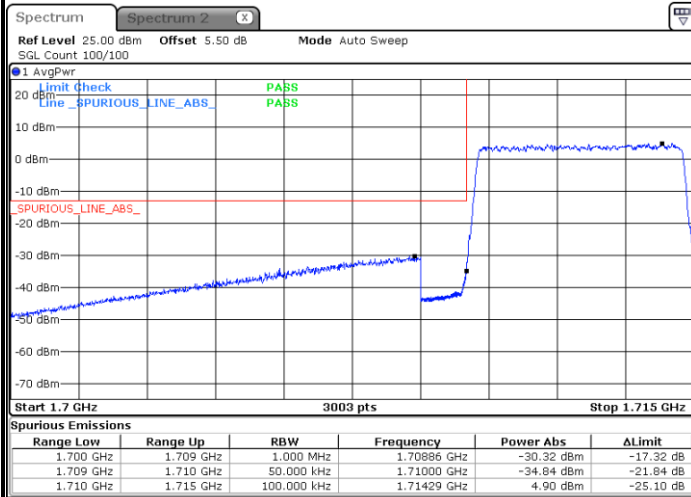
Lowest Band Edge / 1RB



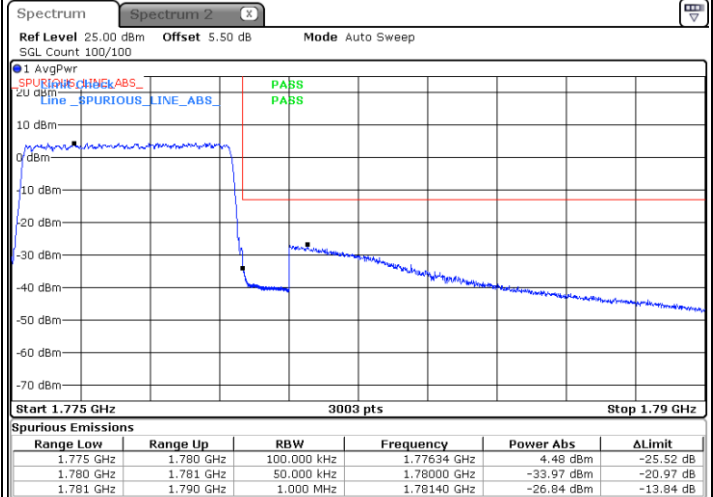
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



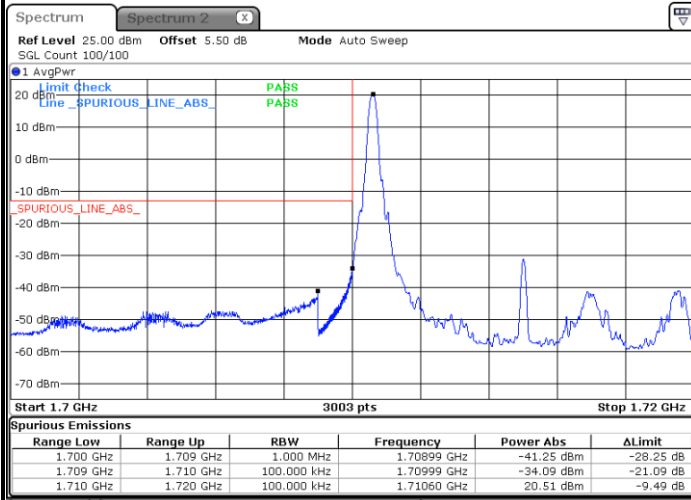
Highest Band Edge / Full RB



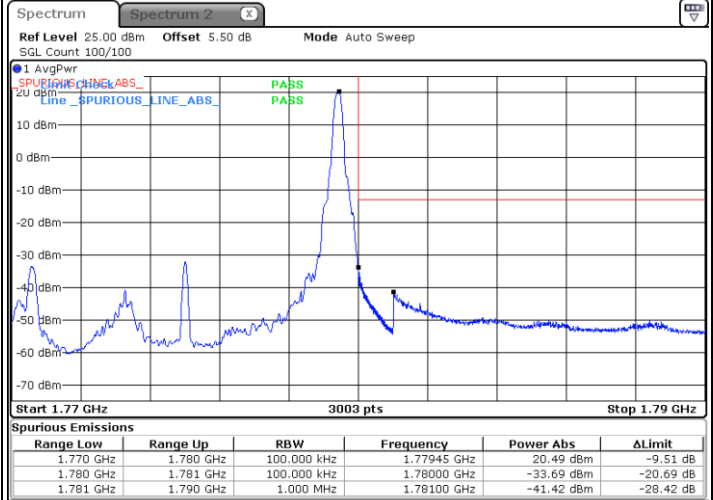


LTE Band 66 / 10MHz / QPSK

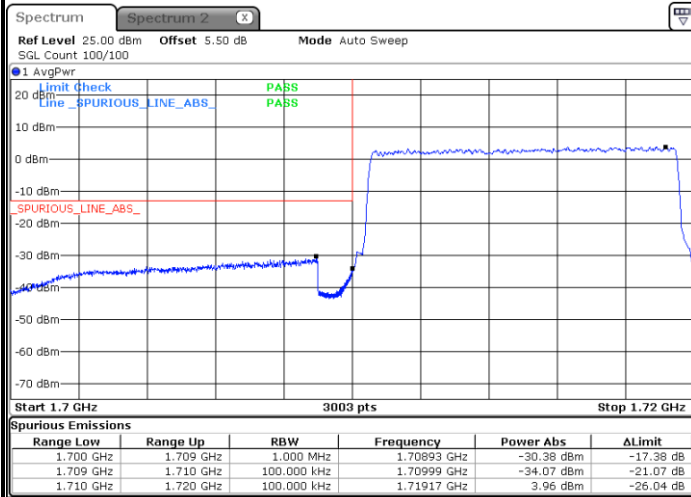
Lowest Band Edge / 1 RB



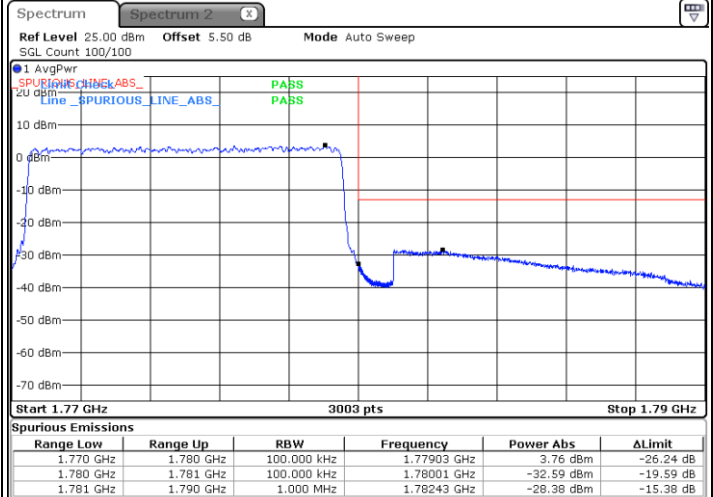
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



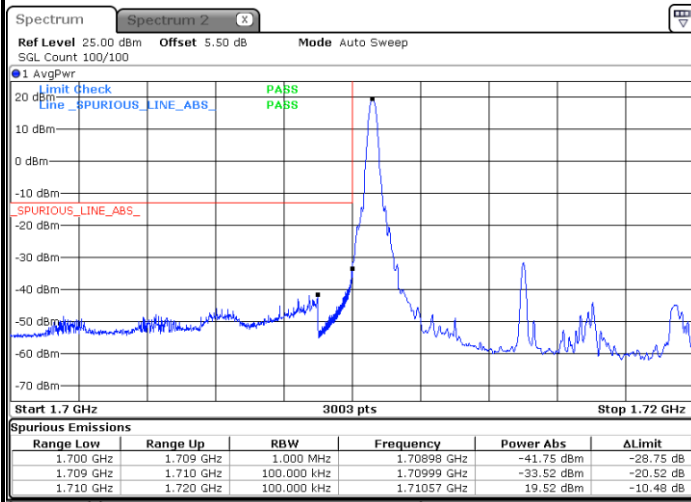
Highest Band Edge / Full RB



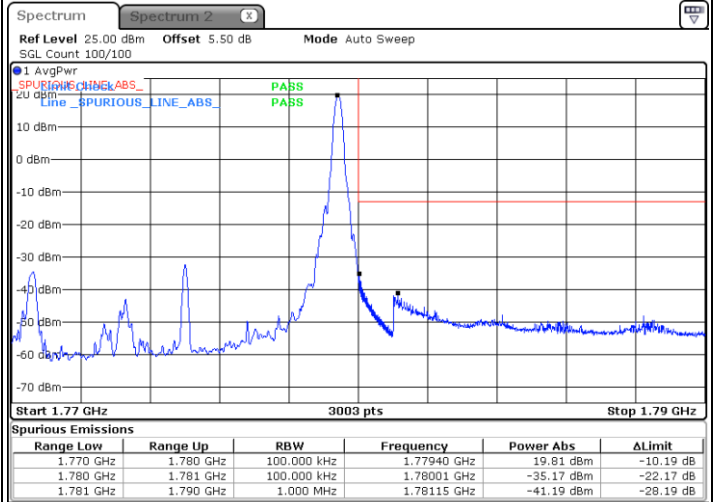


LTE Band 66 / 10MHz / 16QAM

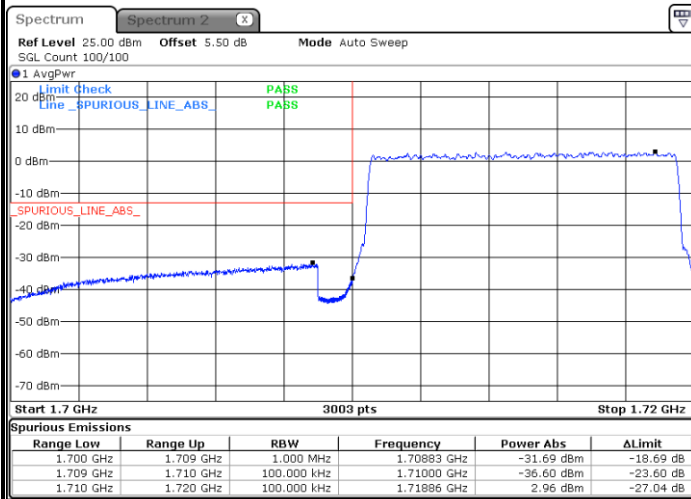
Lowest Band Edge / 1 RB



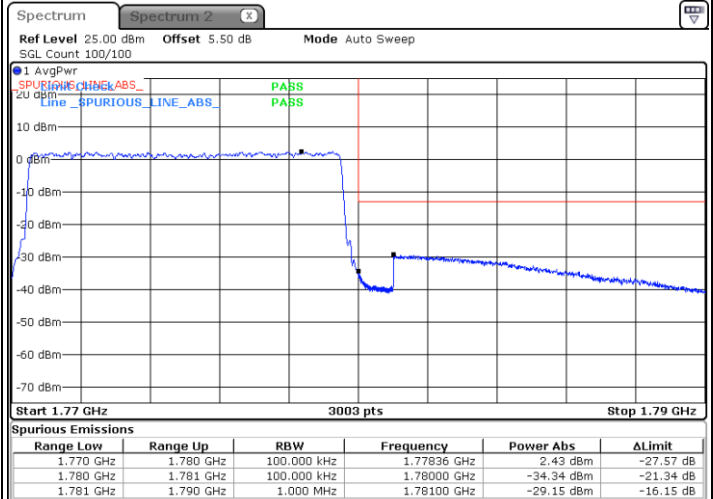
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



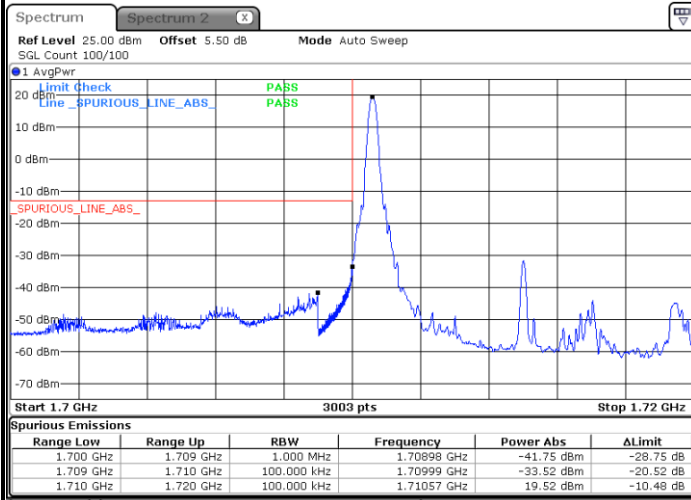
Highest Band Edge / Full RB



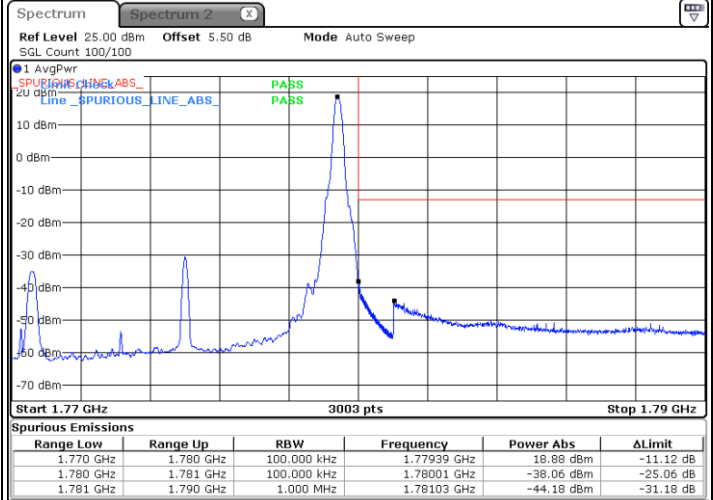


LTE Band 66 / 10MHz / 64QAM

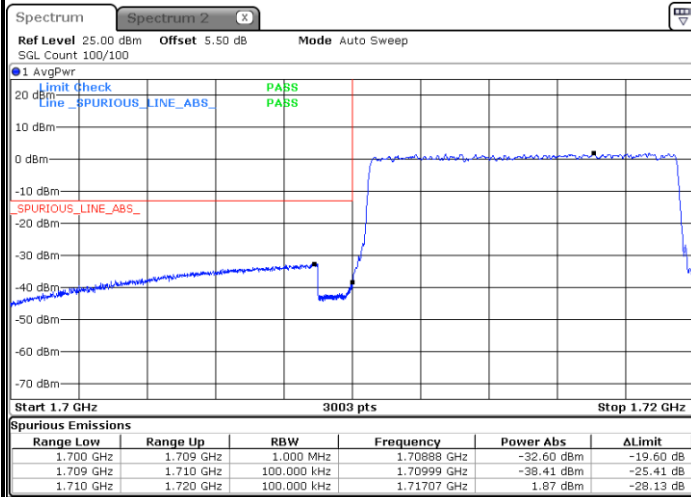
Lowest Band Edge / 1 RB



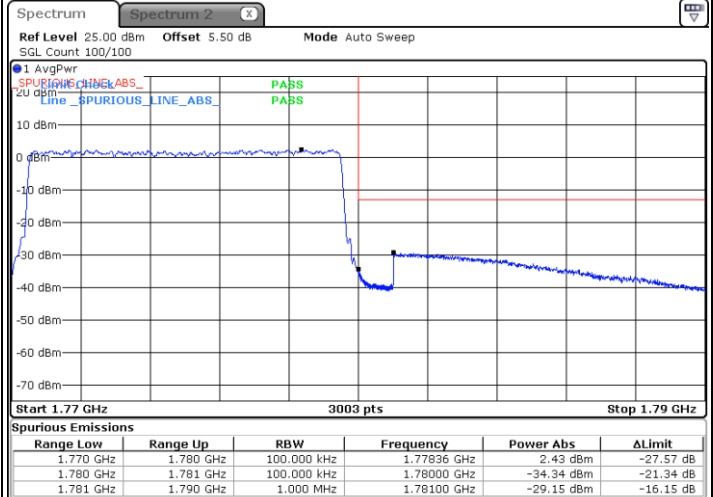
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



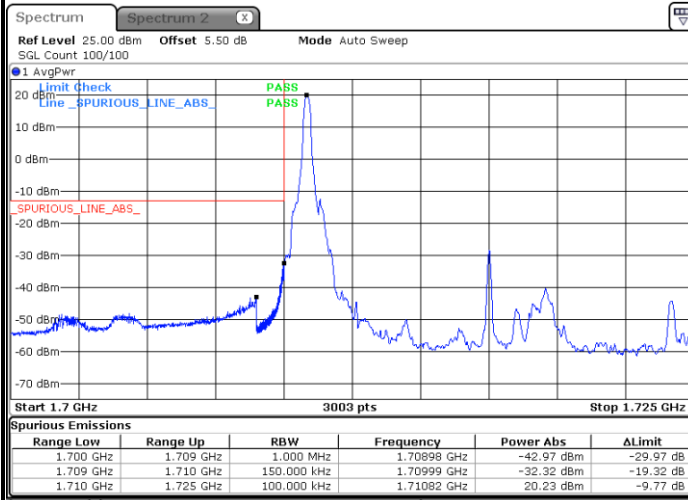
Highest Band Edge / Full RB



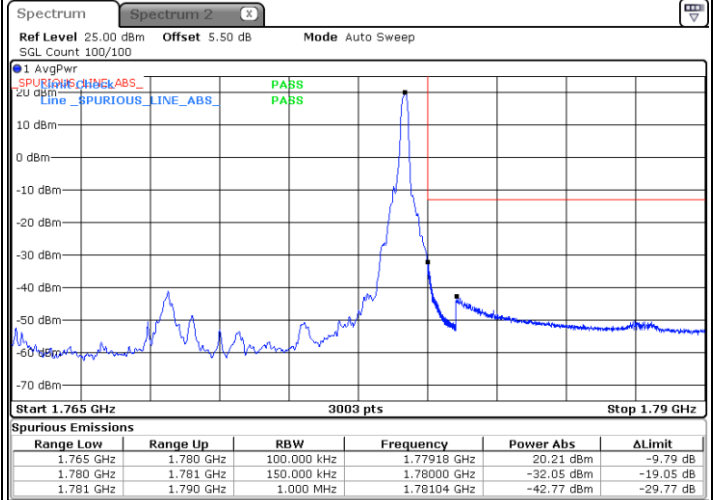


LTE Band 66 / 15MHz / QPSK

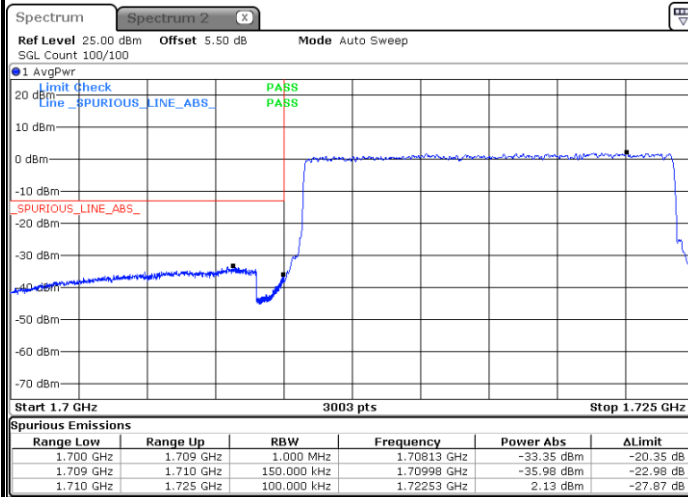
Lowest Band Edge / 1 RB



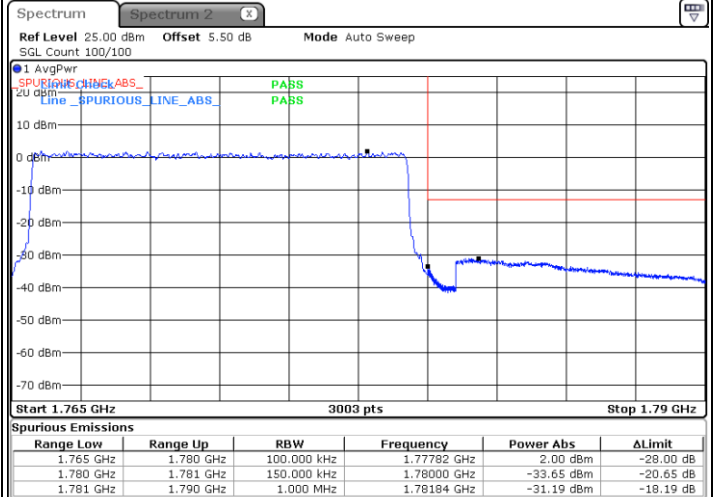
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



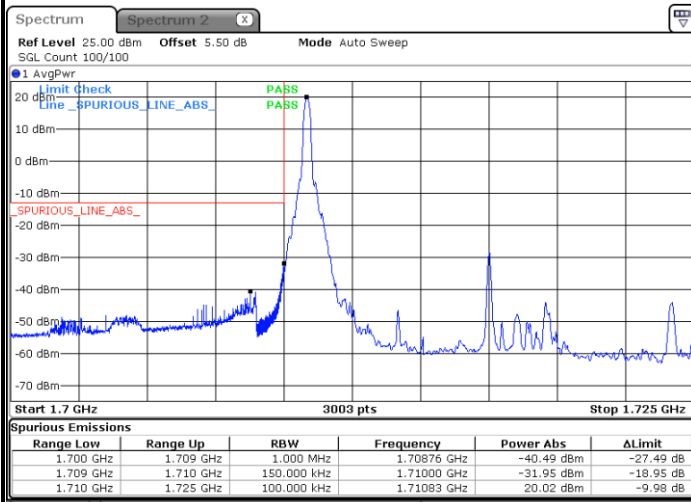
Highest Band Edge / Full RB



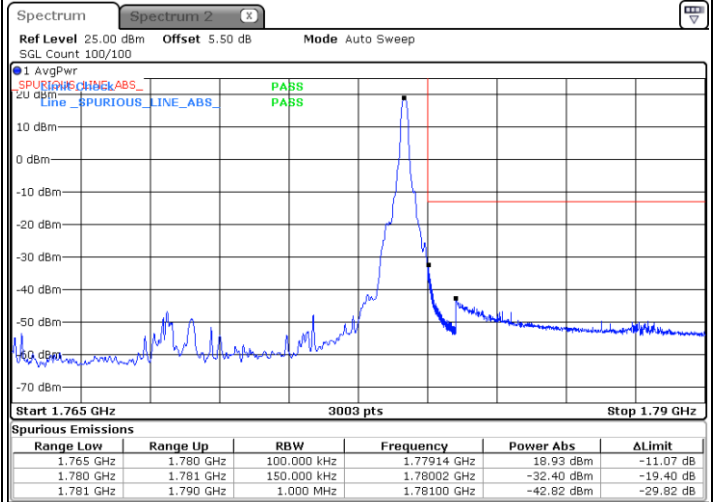


LTE Band 66 / 15MHz / 16QAM

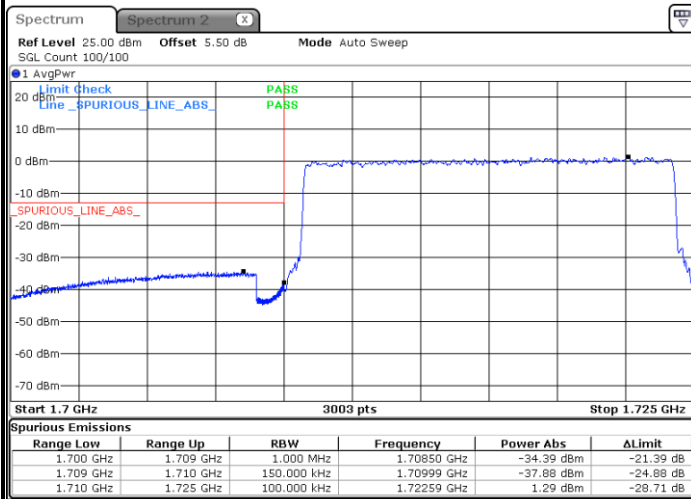
Lowest Band Edge / 1 RB



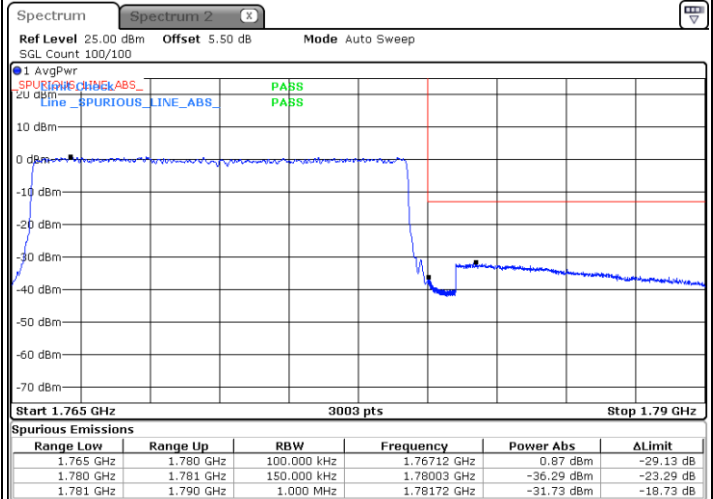
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



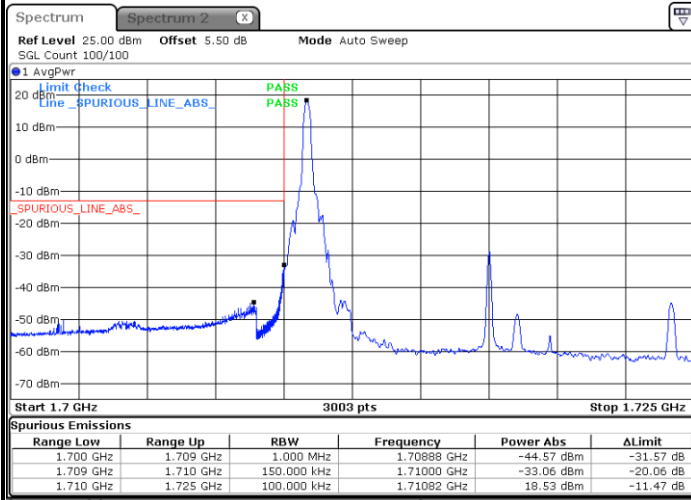
Highest Band Edge / Full RB



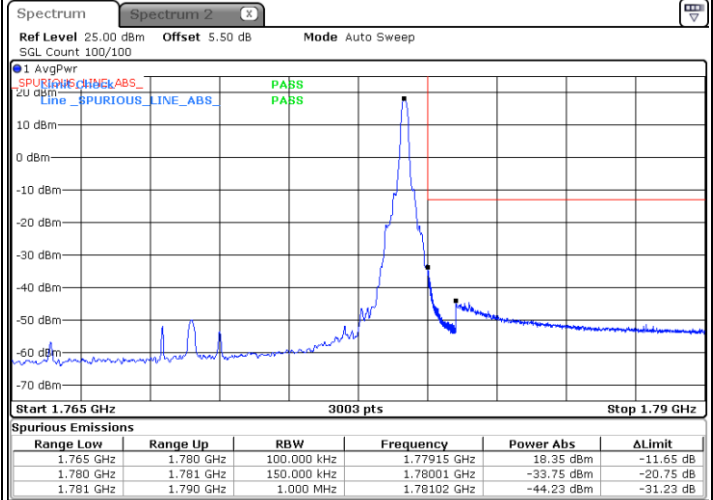


LTE Band 66 / 15MHz / 64QAM

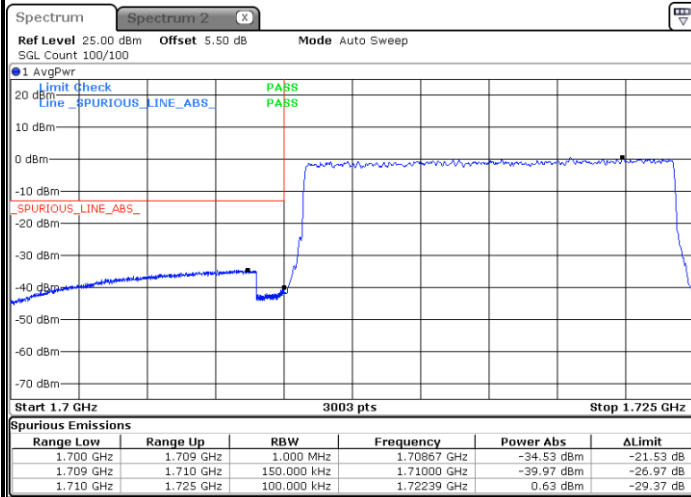
Lowest Band Edge / 1 RB



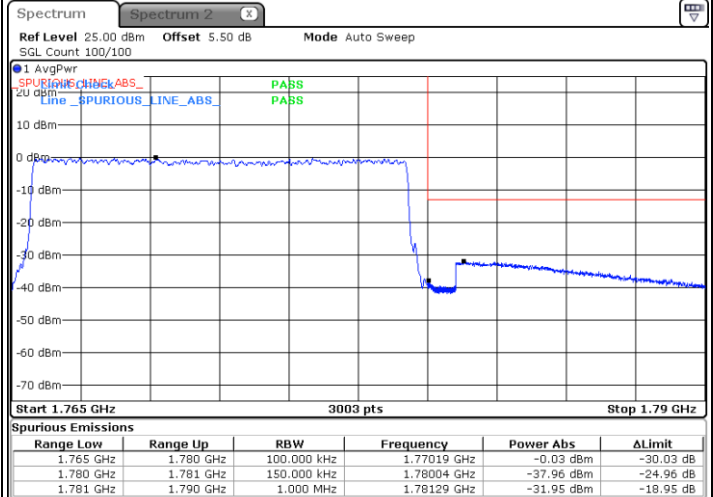
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



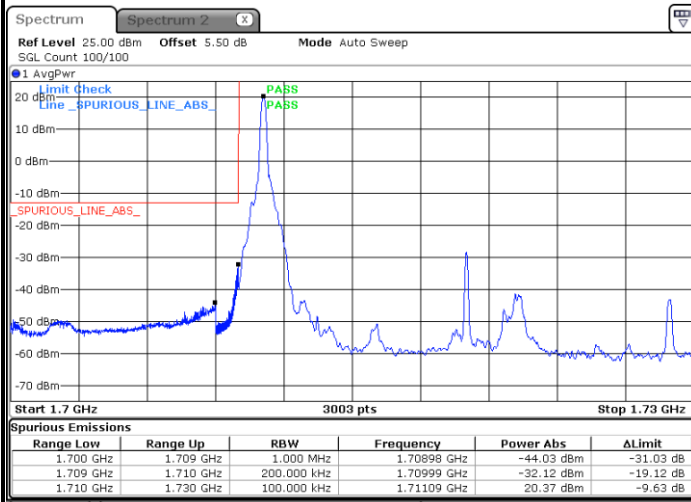
Highest Band Edge / Full RB



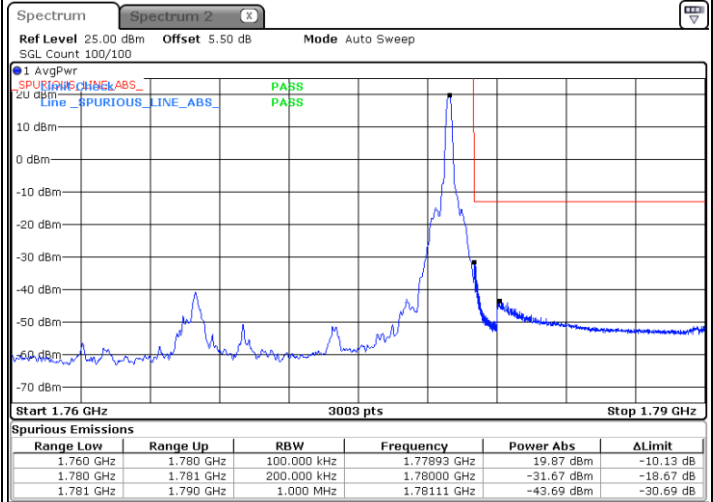


LTE Band 66 / 20MHz / QPSK

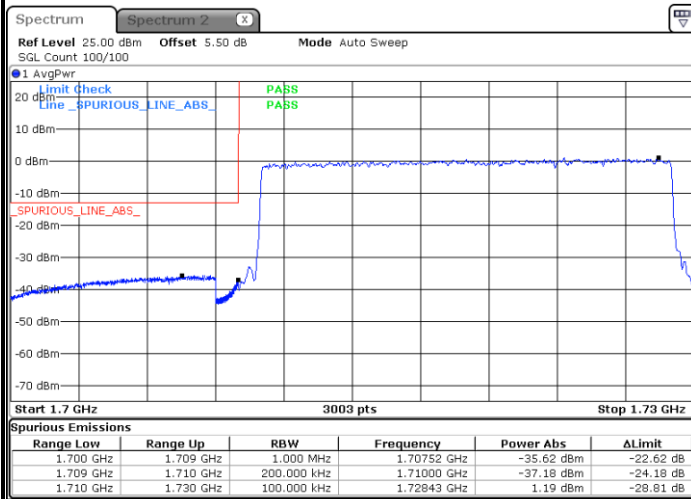
Lowest Band Edge / 1 RB



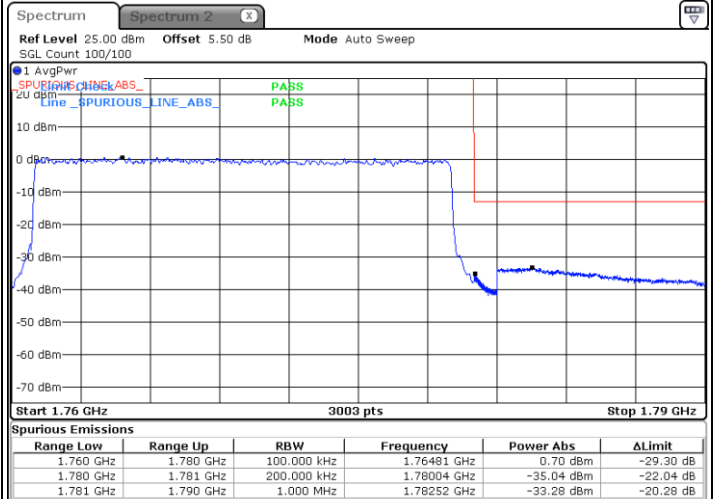
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



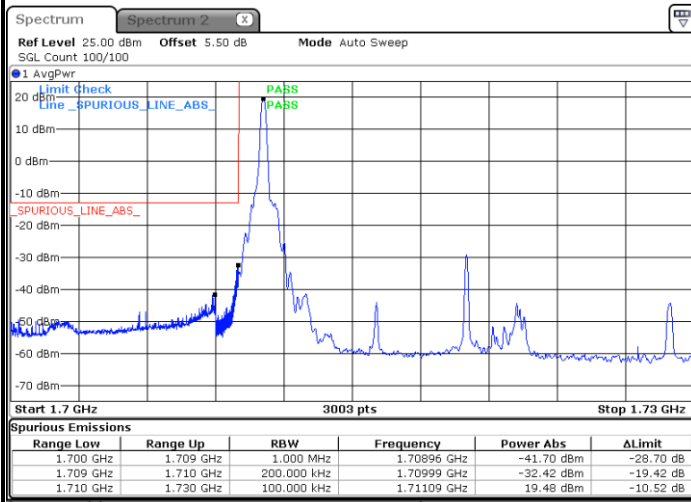
Highest Band Edge / Full RB



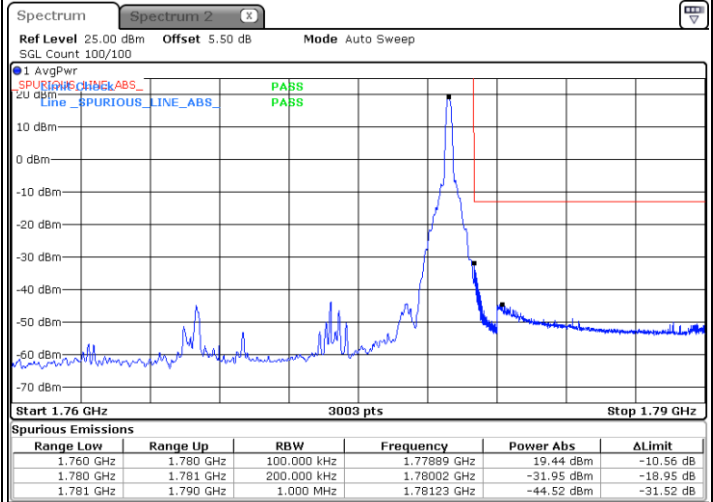


LTE Band 66 / 20MHz / 16QAM

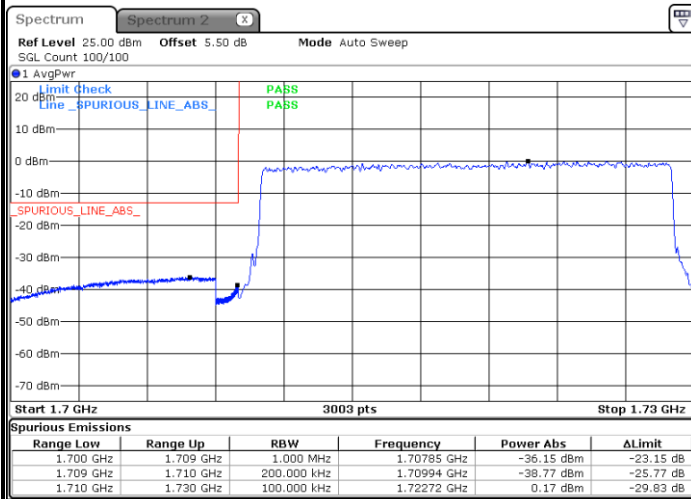
Lowest Band Edge / 1 RB



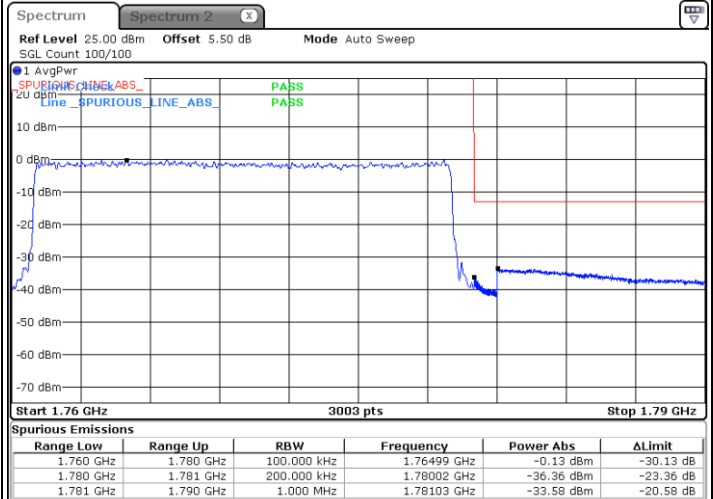
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



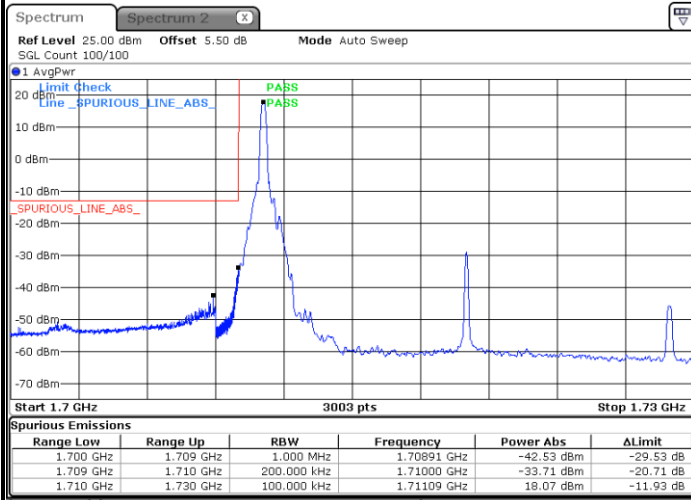
Highest Band Edge / Full RB



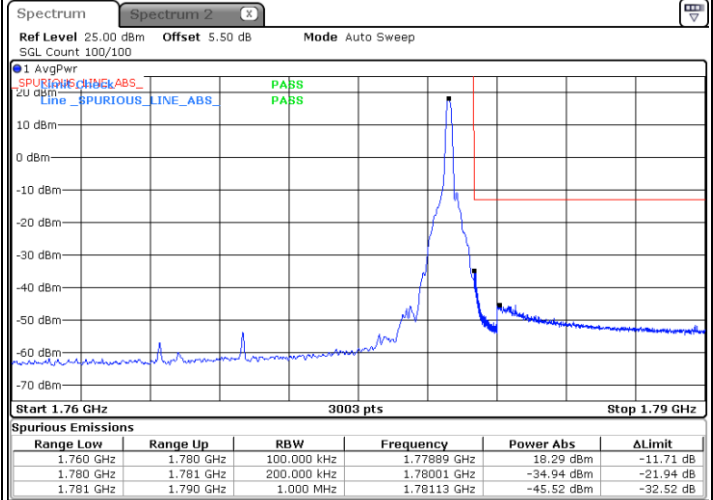


LTE Band 66 / 20MHz / 64QAM

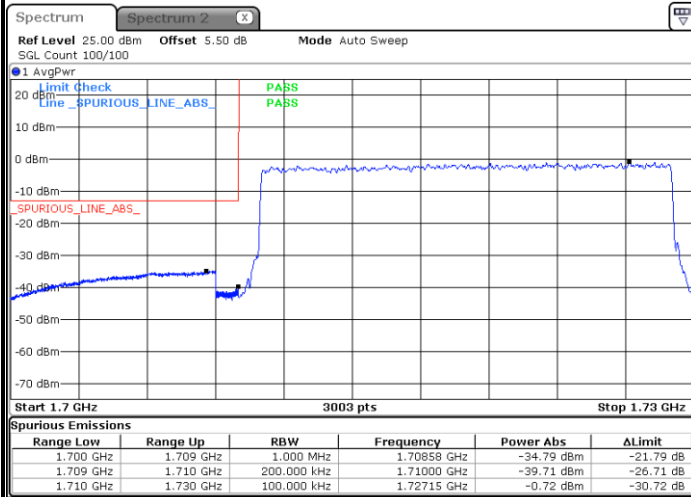
Lowest Band Edge / 1 RB



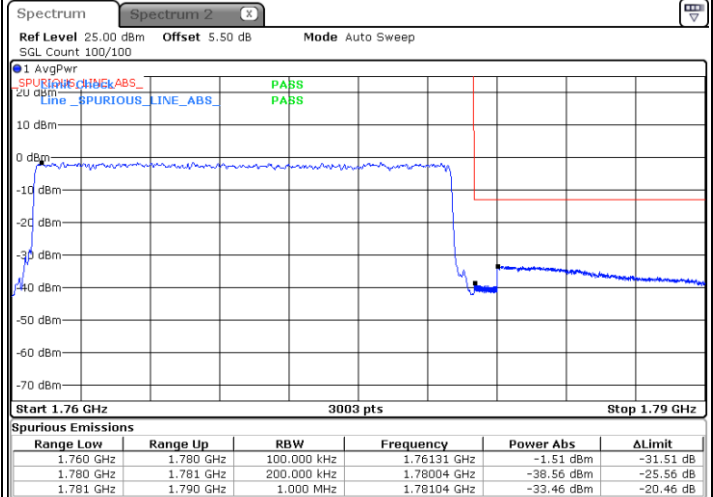
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

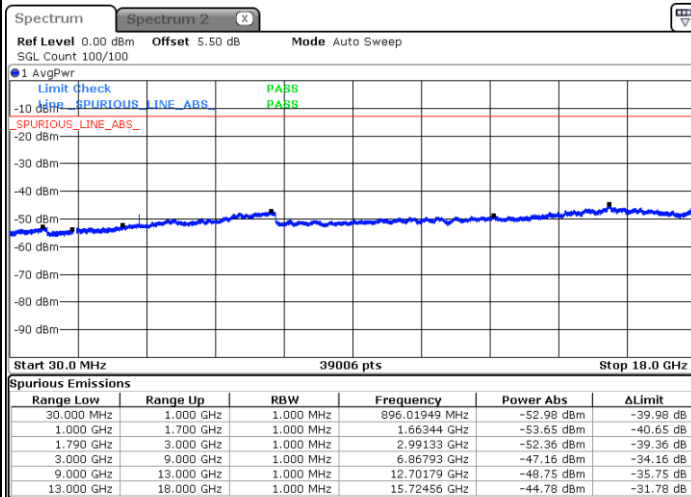




Conducted Spurious Emission

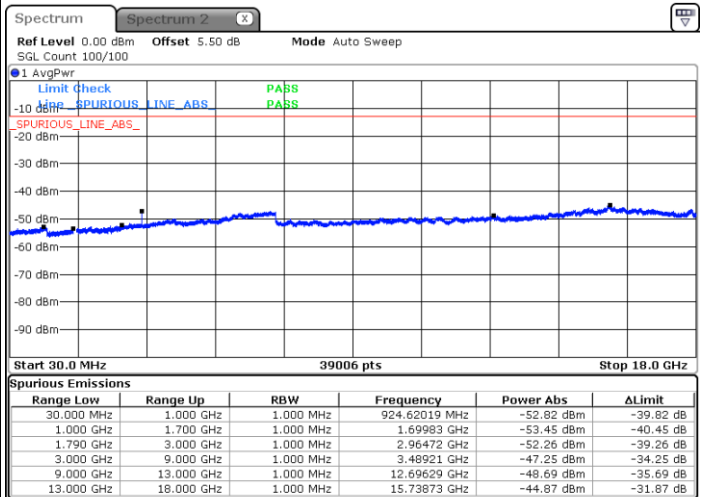
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



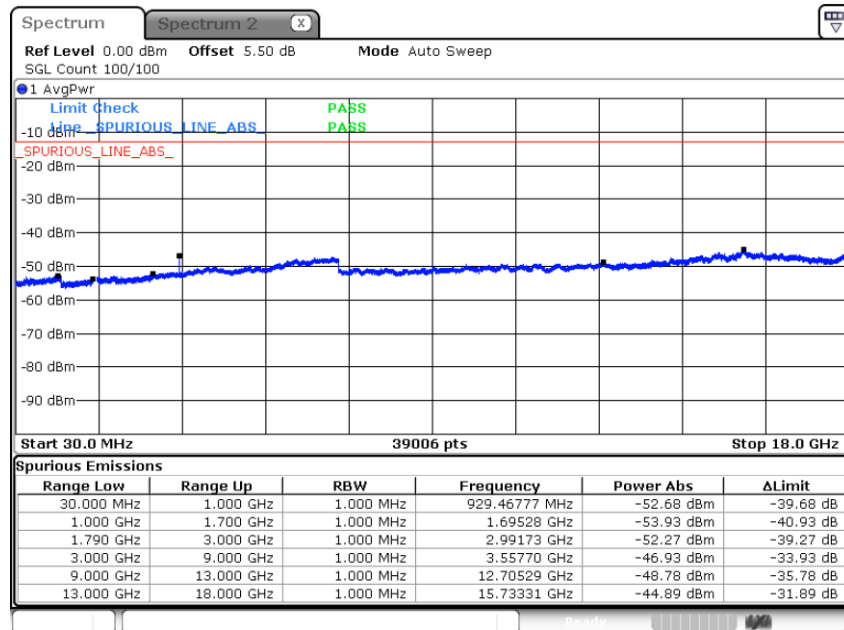
Date: 15.MAR.2022 01:46:51

Middle Channel / QPSK



Date: 15.MAR.2022 01:56:35

Highest Channel / QPSK

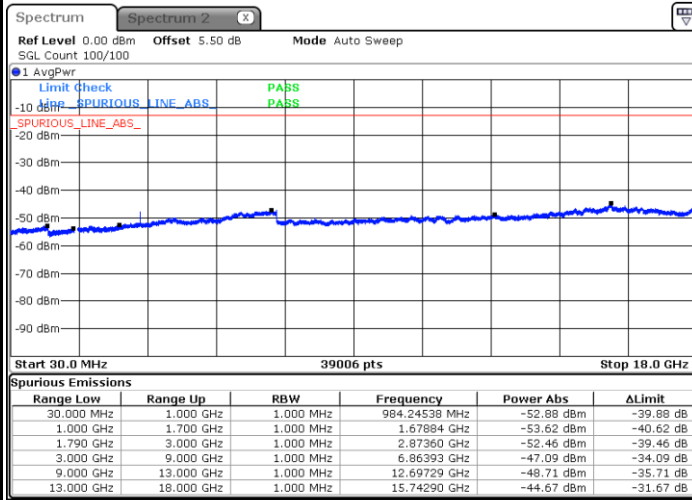


Date: 15.MAR.2022 01:57:41



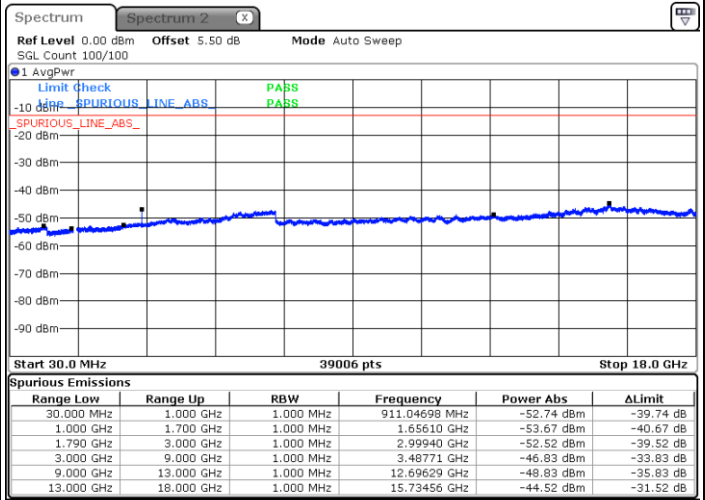
LTE Band 66 / 3MHz

Lowest Channel / QPSK



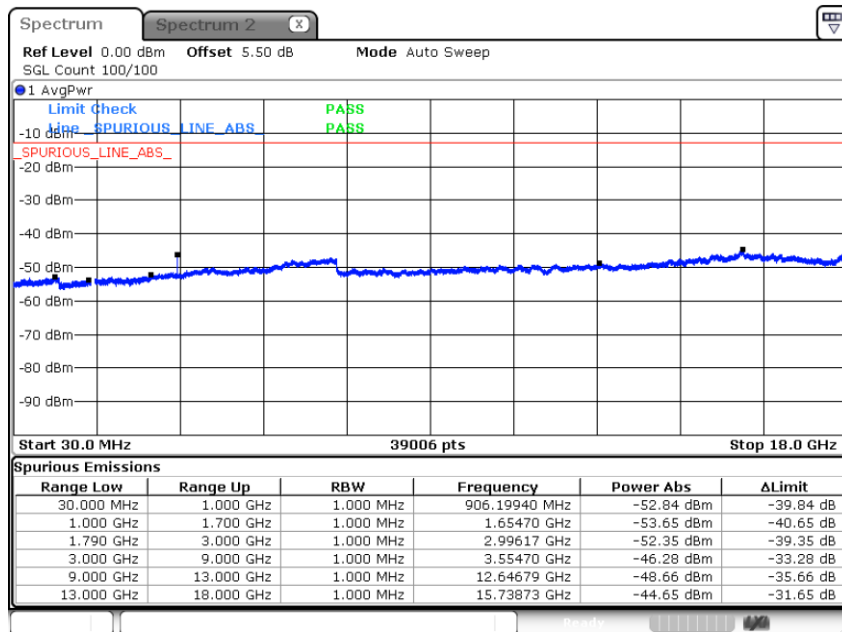
Date: 15.MAR.2022 02:07:38

Middle Channel / QPSK



Date: 15.MAR.2022 02:19:10

Highest Channel / QPSK

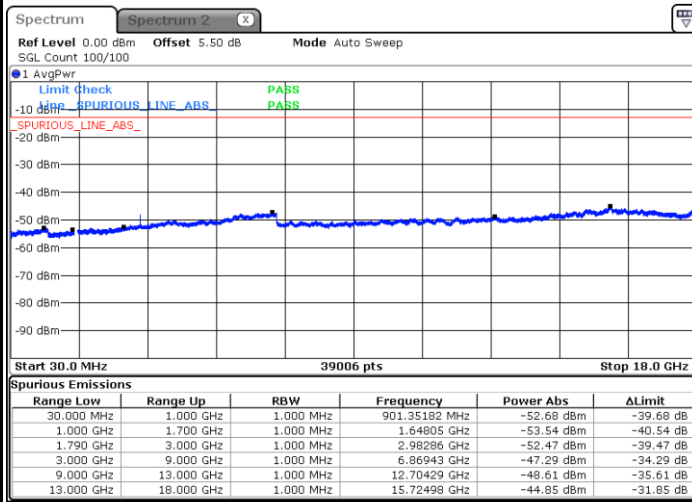


Date: 15.MAR.2022 02:20:16



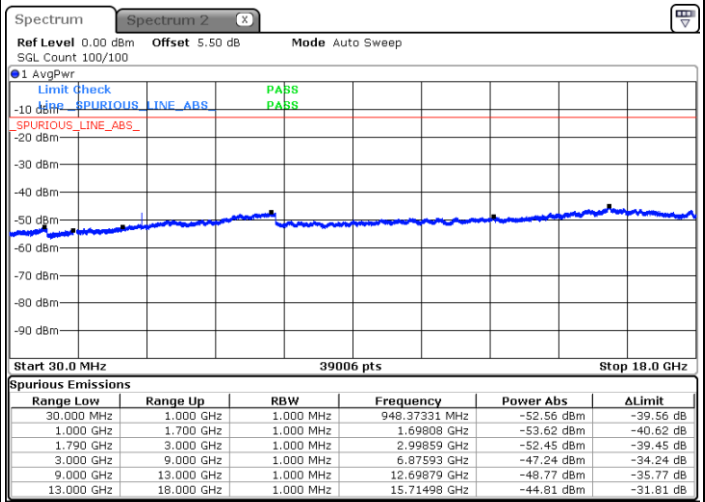
LTE Band 66 / 5MHz

Lowest Channel / QPSK



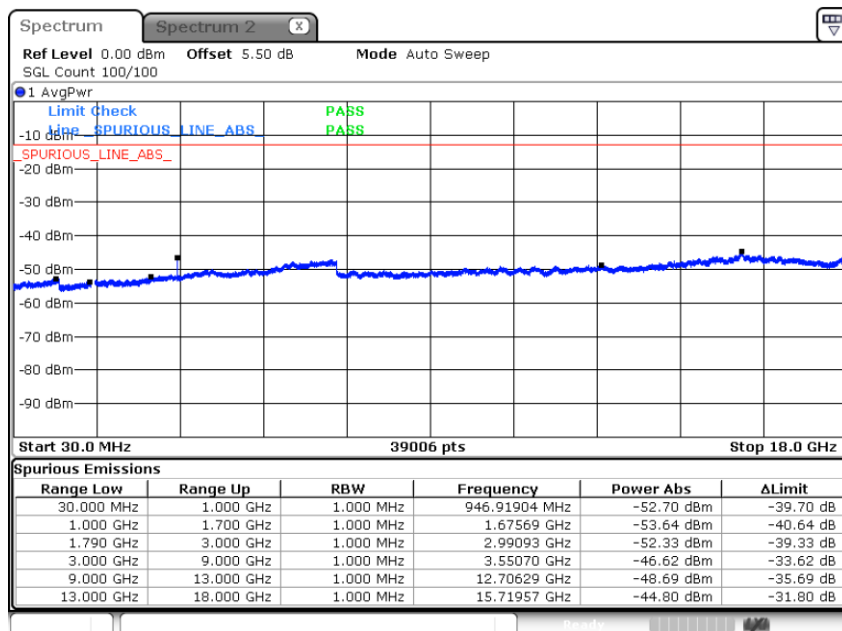
Date: 15.MAR.2022 02:30:13

Middle Channel / QPSK



Date: 15.MAR.2022 02:40:02

Highest Channel / QPSK

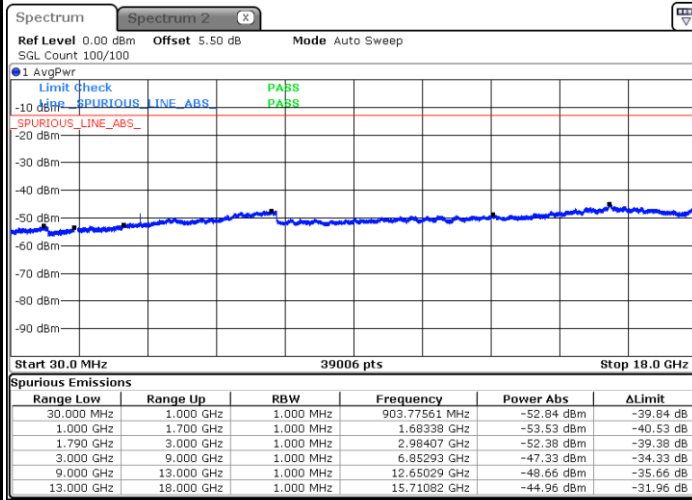


Date: 15.MAR.2022 02:41:08



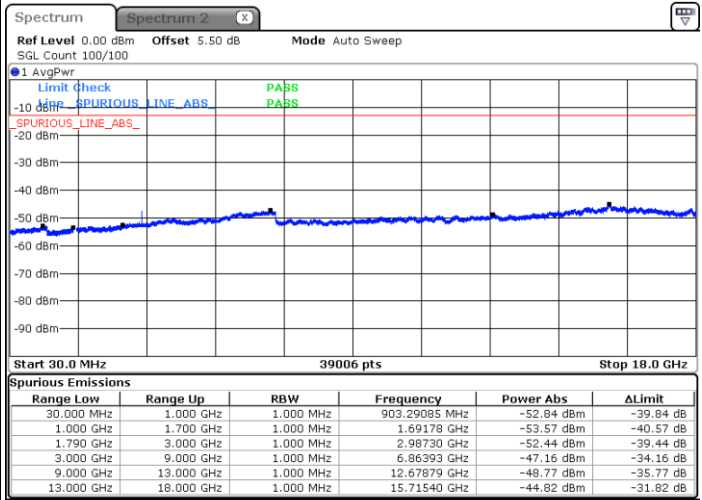
LTE Band 66 / 10MHz

Lowest Channel / QPSK



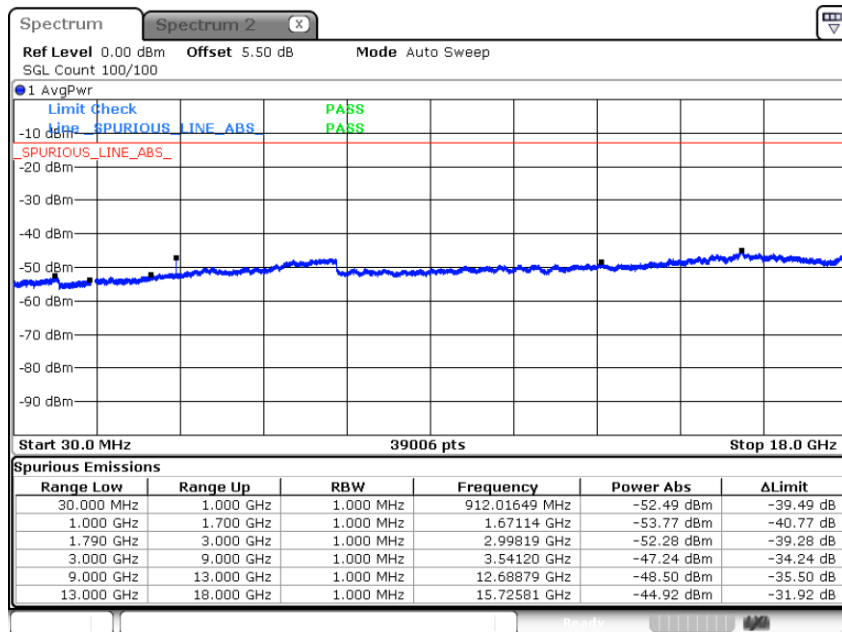
Date: 15.MAR.2022 02:51:03

Middle Channel / QPSK



Date: 15.MAR.2022 03:00:50

Highest Channel / QPSK

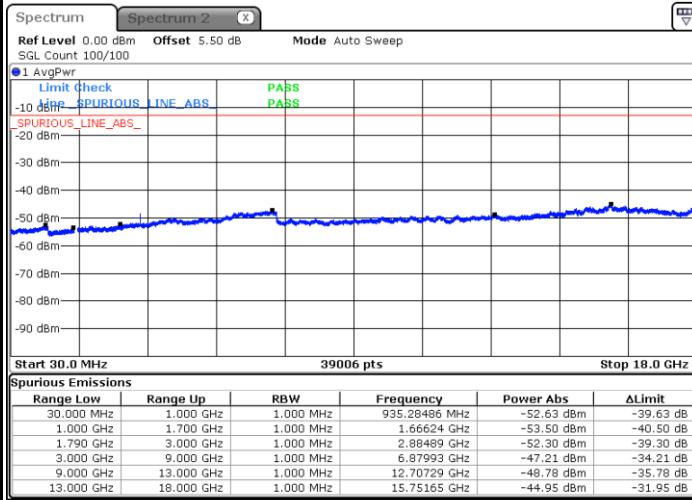


Date: 15.MAR.2022 03:01:55



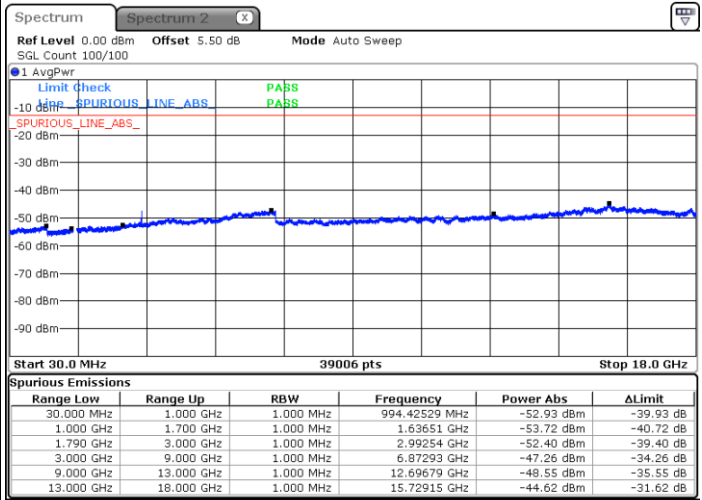
LTE Band 66 / 15MHz

Lowest Channel / QPSK



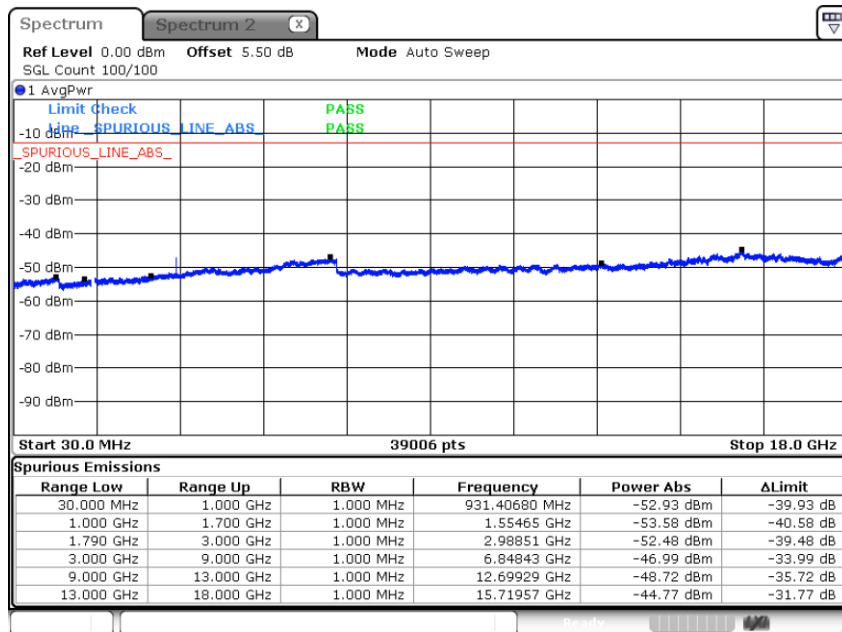
Date: 15.MAR.2022 03:12:48

Middle Channel / QPSK



Date: 15.MAR.2022 03:18:56

Highest Channel / QPSK

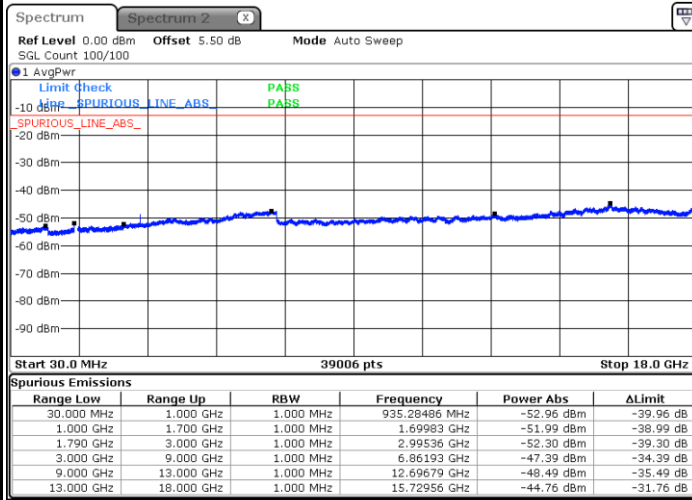


Date: 15.MAR.2022 03:19:57



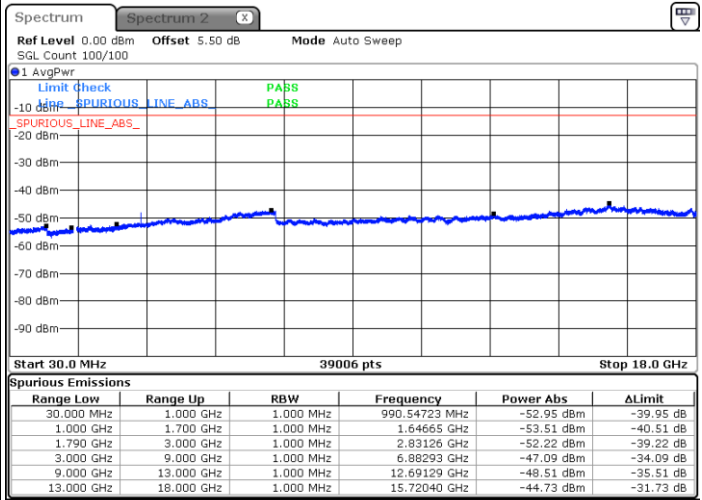
LTE Band 66 / 20MHz

Lowest Channel / QPSK



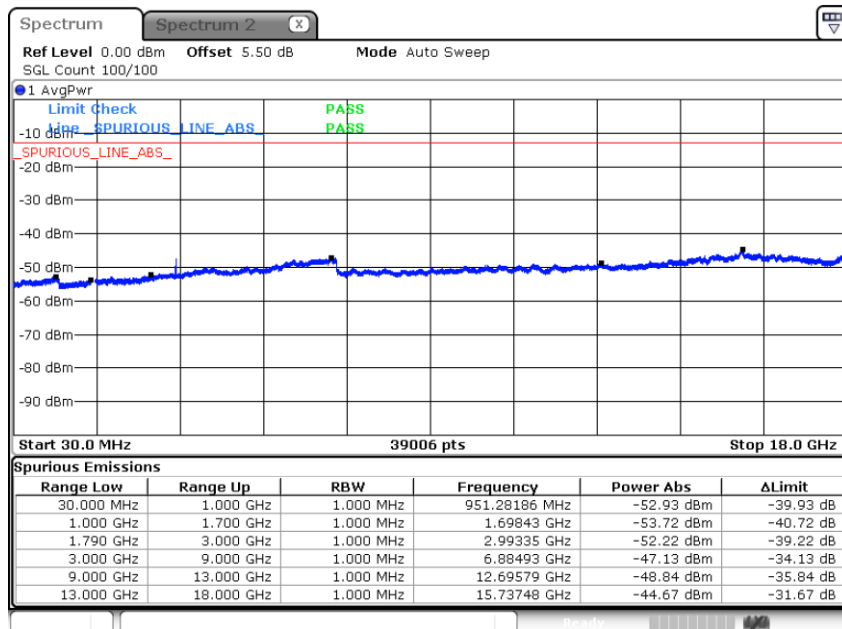
Date: 15.MAR.2022 03:26:15

Middle Channel / QPSK



Date: 15.MAR.2022 03:32:24

Highest Channel / QPSK



Date: 15.MAR.2022 03:33:25

**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	0.0004	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

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

LTE Band 41 / 20MHz / QPSK for Ant.0								
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	5175	-49.91	-25	-24.91	-60.12	3.03	13.24	H
	7755	-62.41	-25	-37.41	-71.86	3.56	13.01	H
	10335	-62.65	-25	-37.65	-72.17	3.92	13.44	H
	5175	-53.70	-25	-28.70	-63.91	3.03	13.24	V
	7755	-63.08	-25	-38.08	-72.53	3.56	13.01	V
	10335	-63.11	-25	-38.11	-72.63	3.92	13.44	V

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

LTE Band 66 / 20MHz / QPSK for Ant. 1								
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	3472	-57.07	-13	-44.07	-67.81	2.604	13.34	H
	5205	-46.06	-13	-33.06	-56.57	3.011	13.52	H
	6945	-53.93	-13	-40.93	-64.13	3.271	13.47	H
	3472	-57.94	-13	-44.94	-68.68	2.604	13.34	V
	5205	-49.31	-13	-36.31	-59.82	3.011	13.52	V
	6945	-53.72	-13	-40.72	-63.92	3.271	13.47	V

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