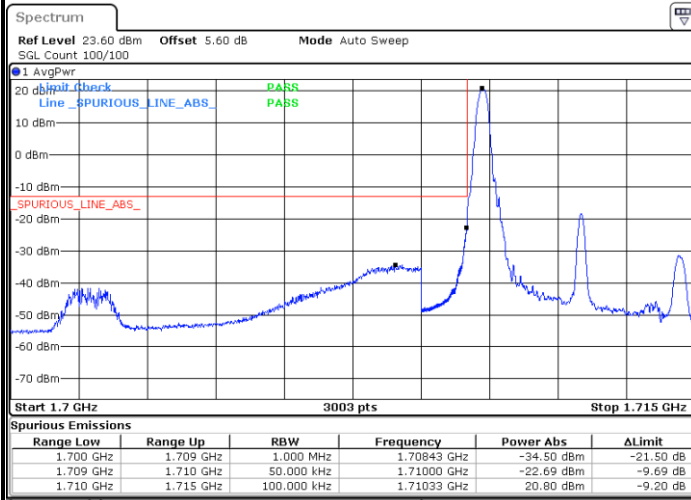


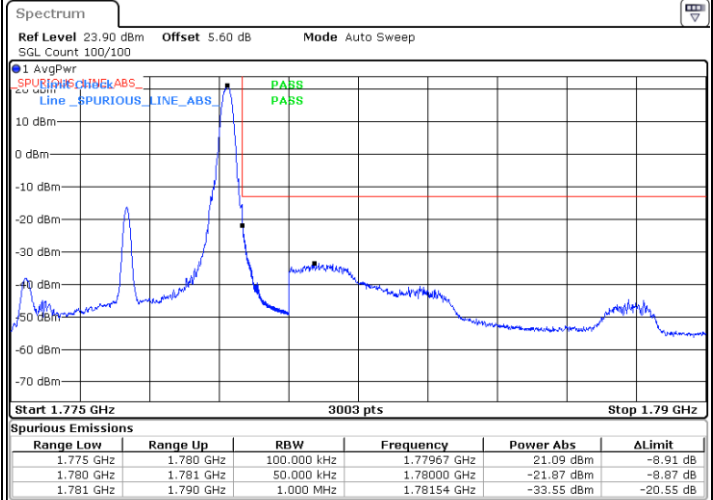


LTE Band 66 / 5MHz / QPSK

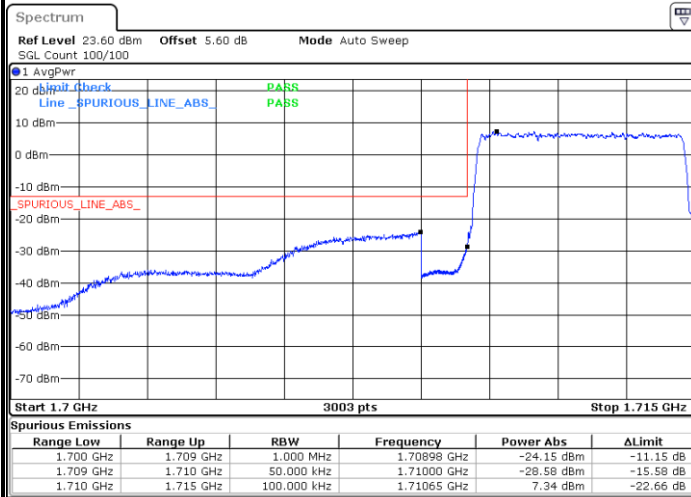
Lowest Band Edge / 1 RB



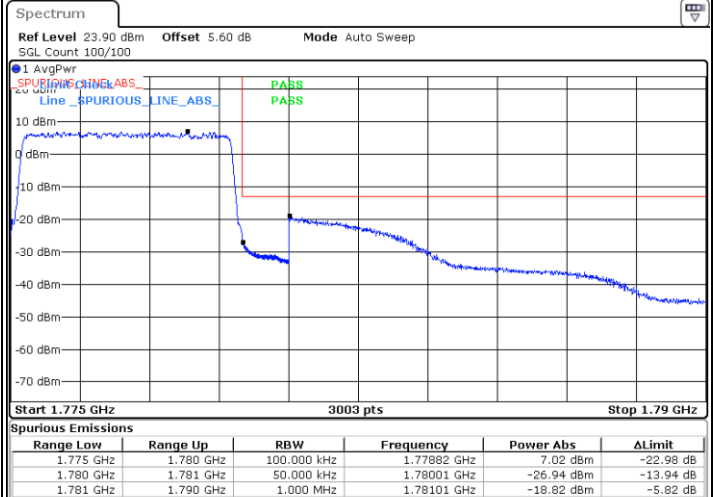
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



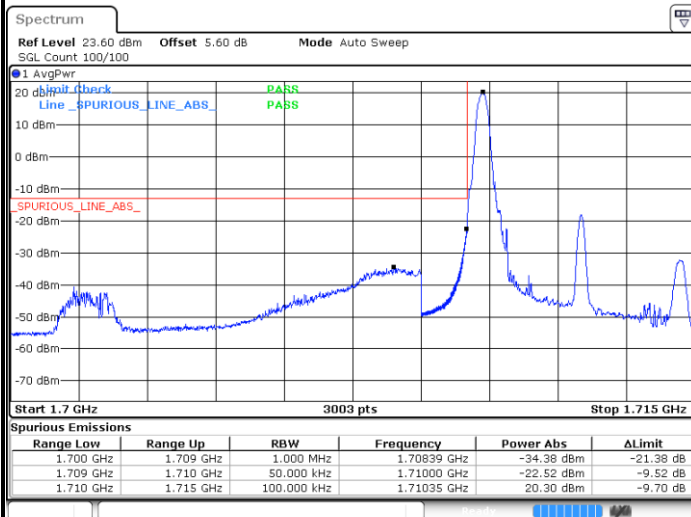
Highest Band Edge / Full RB



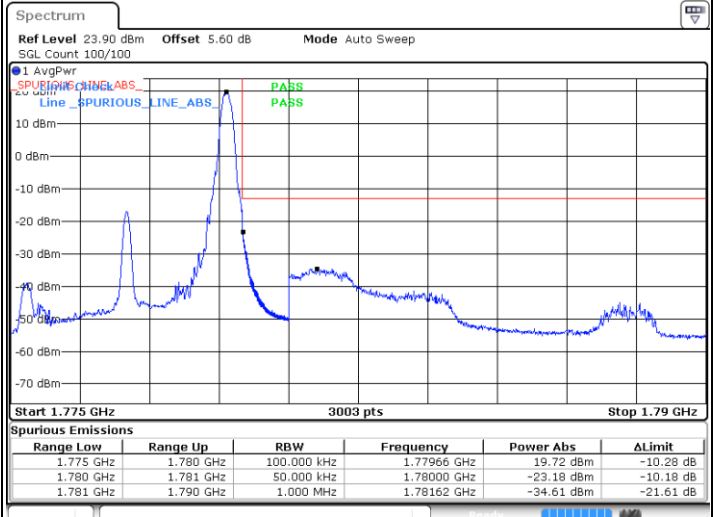


LTE Band 66 / 5MHz / 16QAM

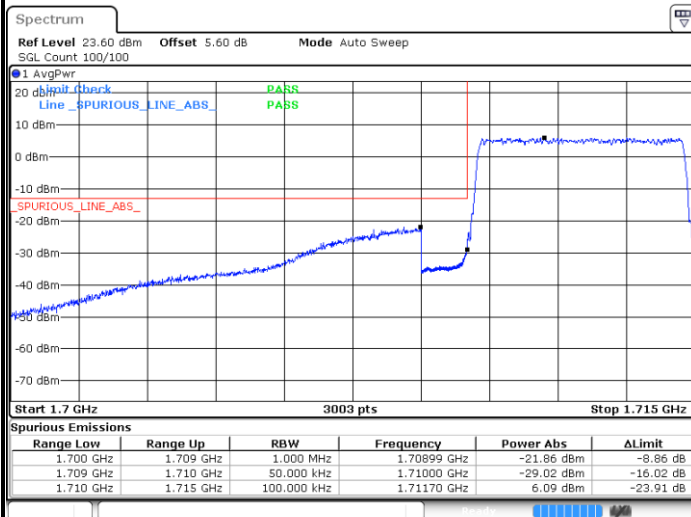
Lowest Band Edge / 1RB



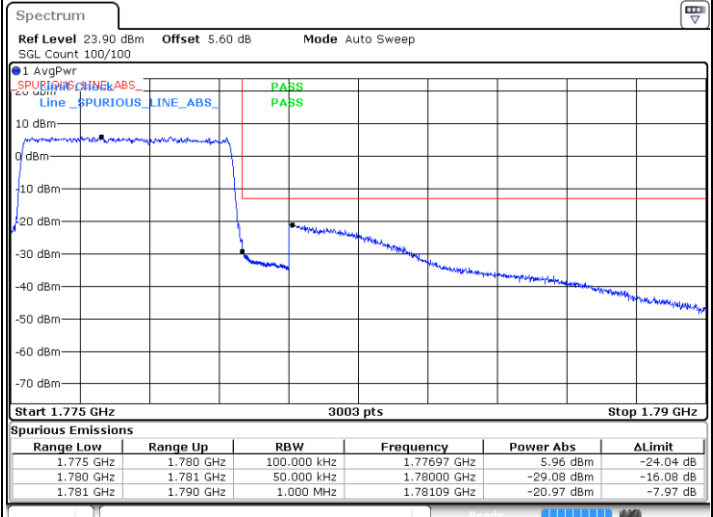
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



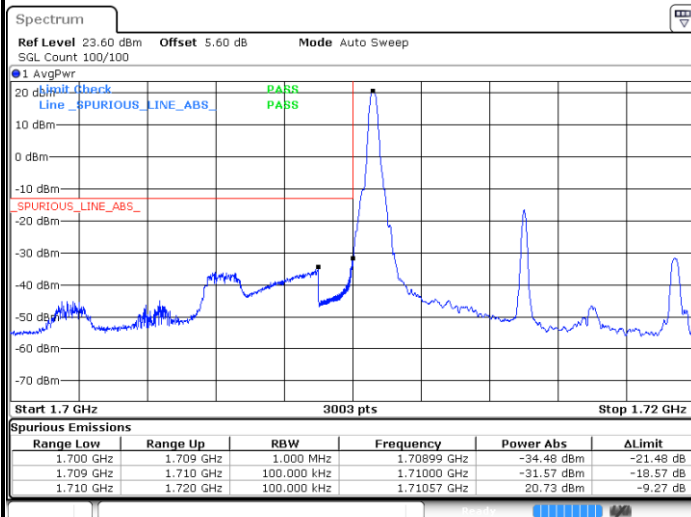
Highest Band Edge / Full RB



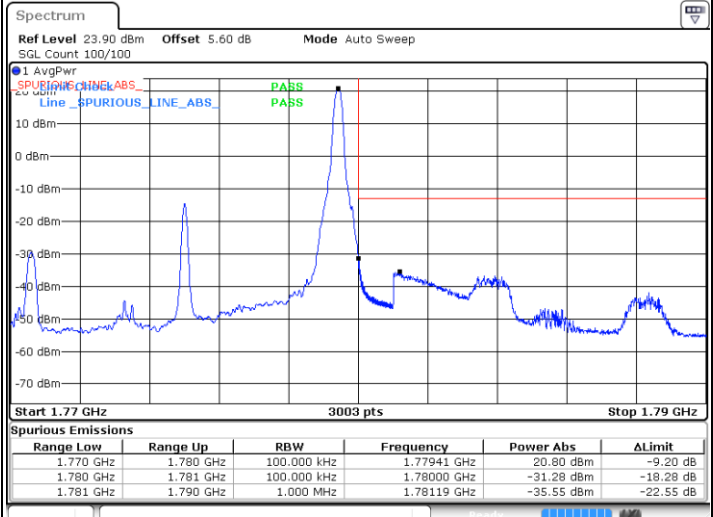


LTE Band 66 / 10MHz / QPSK

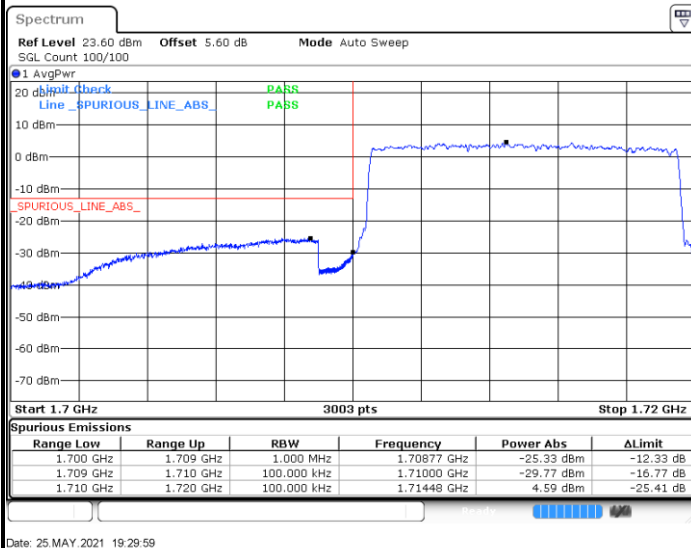
Lowest Band Edge / 1 RB



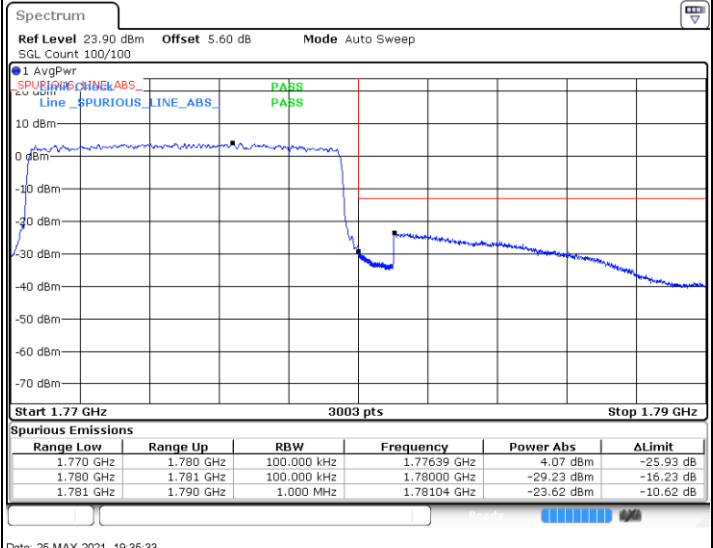
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



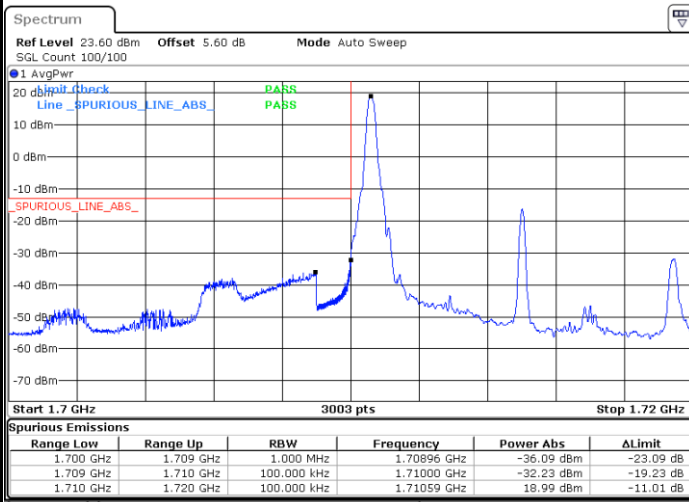
Highest Band Edge / Full RB



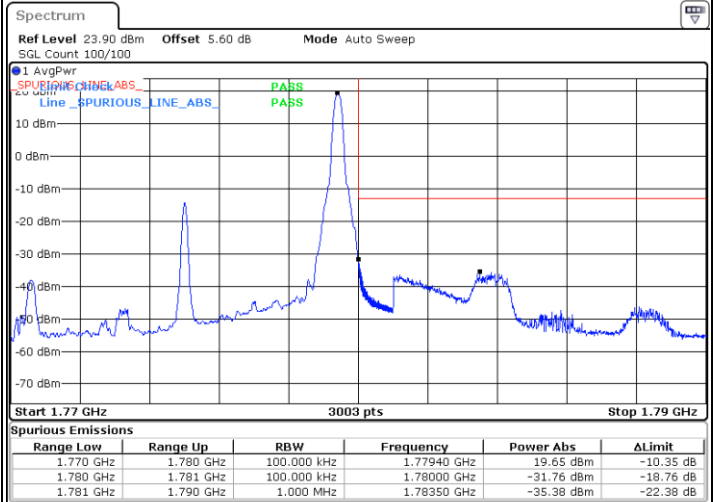


LTE Band 66 / 10MHz / 16QAM

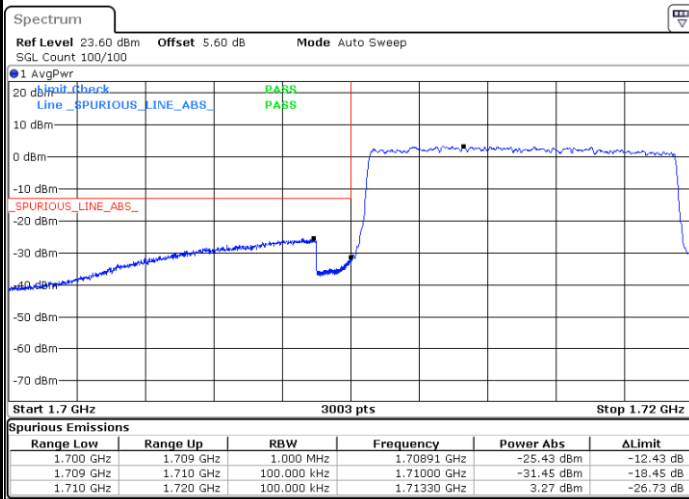
Lowest Band Edge / 1 RB



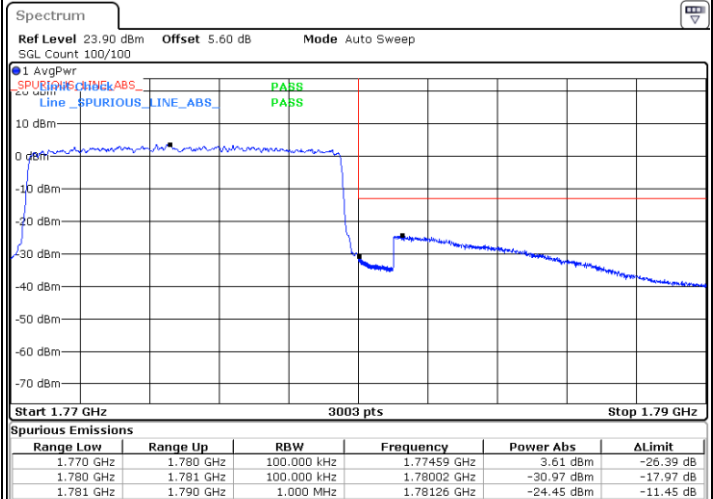
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



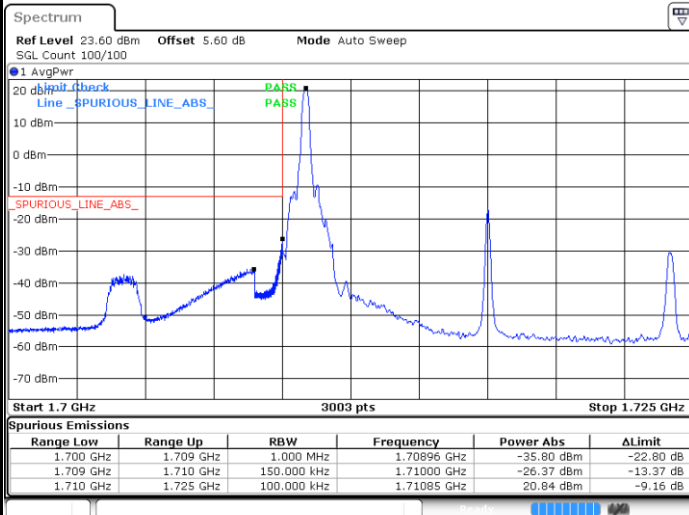
Highest Band Edge / Full RB



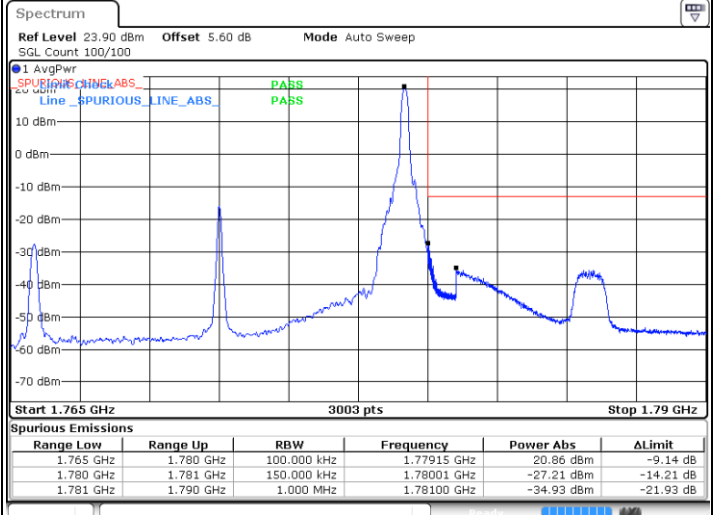


LTE Band 66 / 15MHz / QPSK

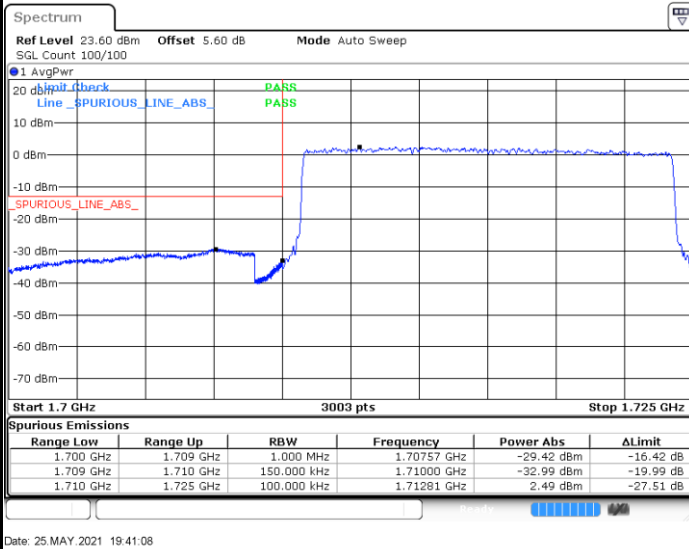
Lowest Band Edge / 1 RB



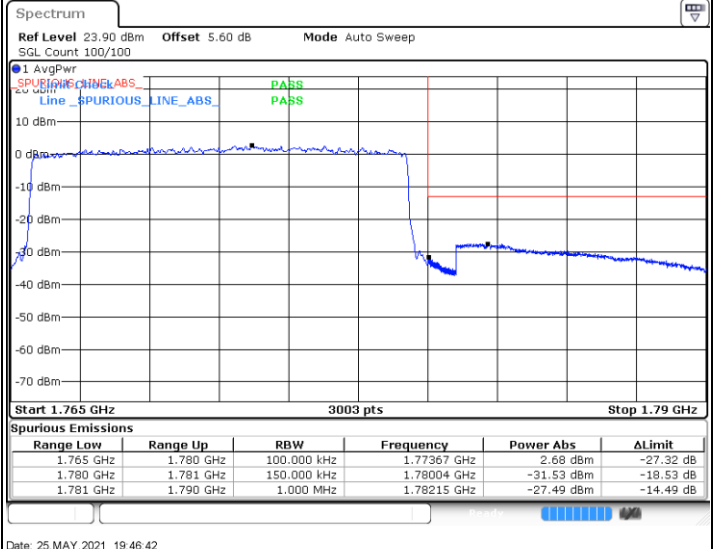
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



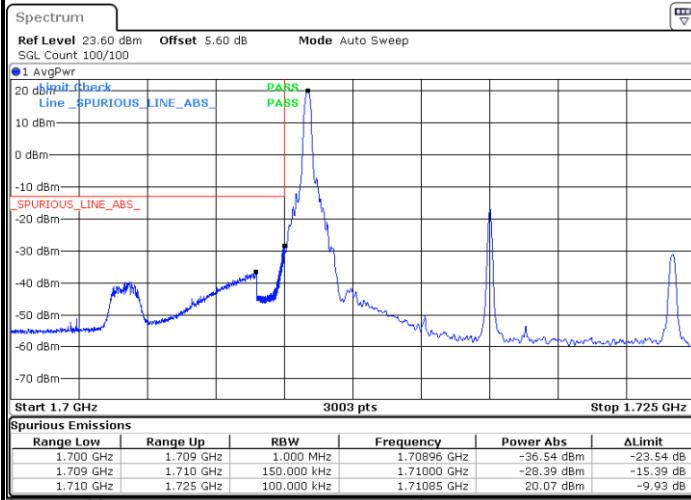
Highest Band Edge / Full RB



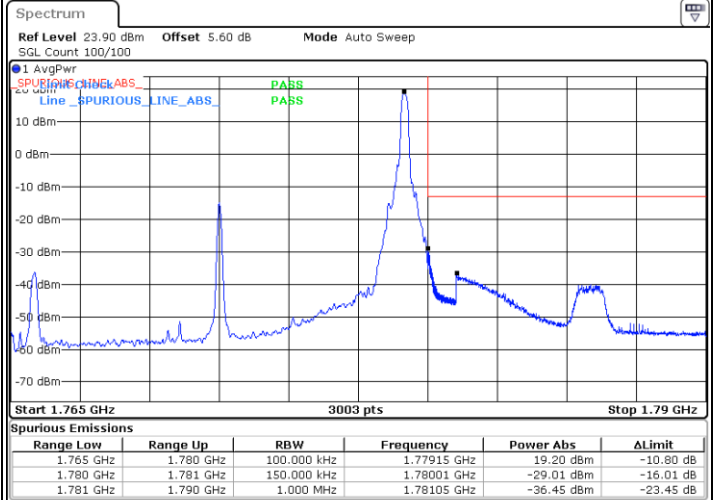


LTE Band 66 / 15MHz / 16QAM

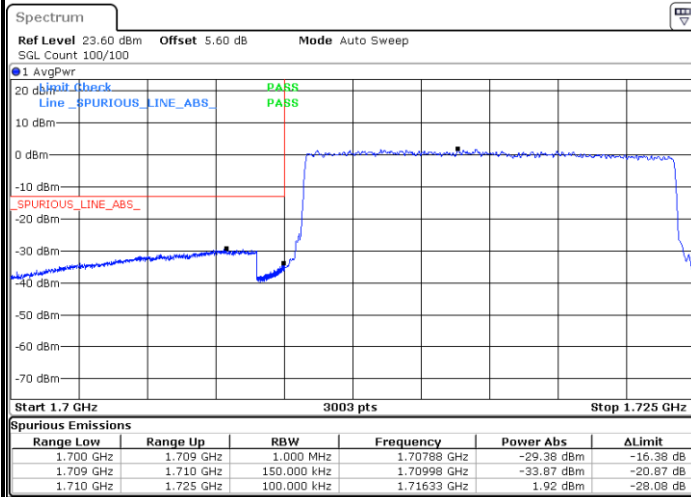
Lowest Band Edge / 1 RB



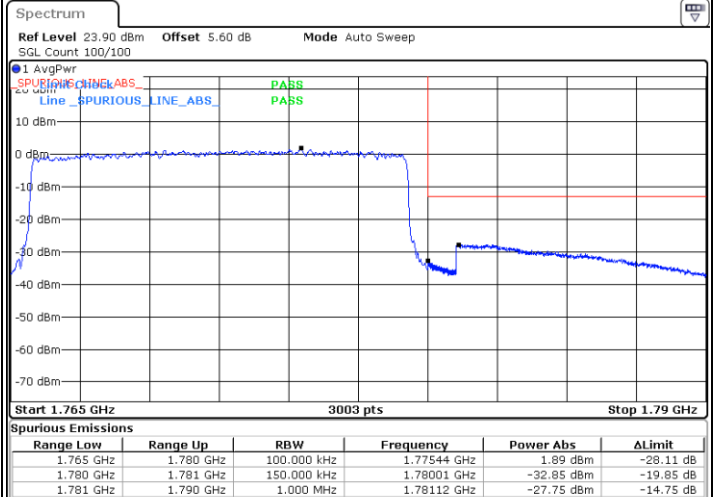
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



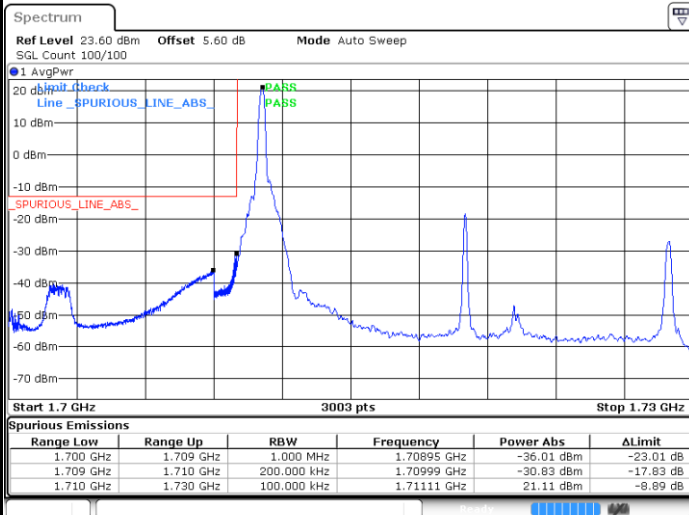
Highest Band Edge / Full RB



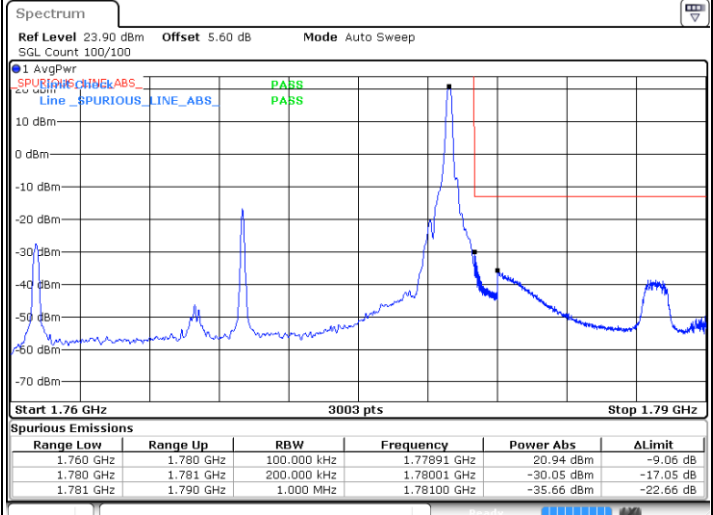


LTE Band 66 / 20MHz / QPSK

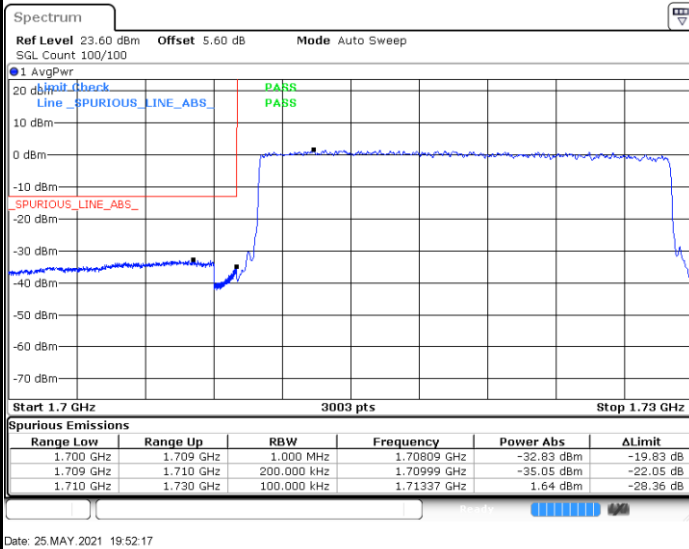
Lowest Band Edge / 1 RB



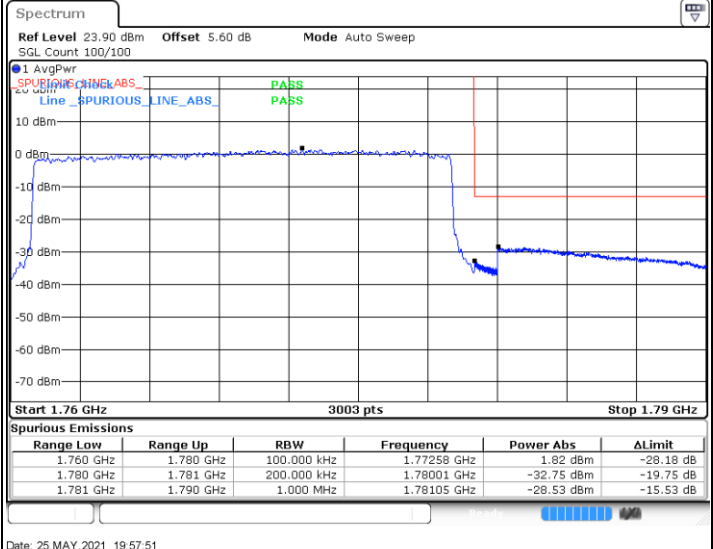
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



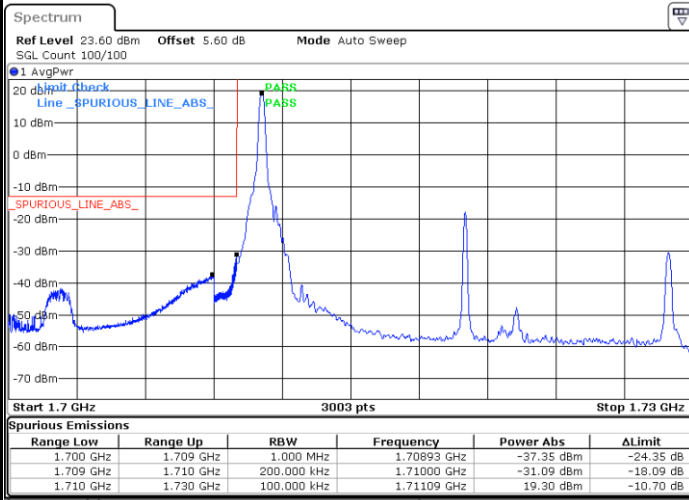
Highest Band Edge / Full RB



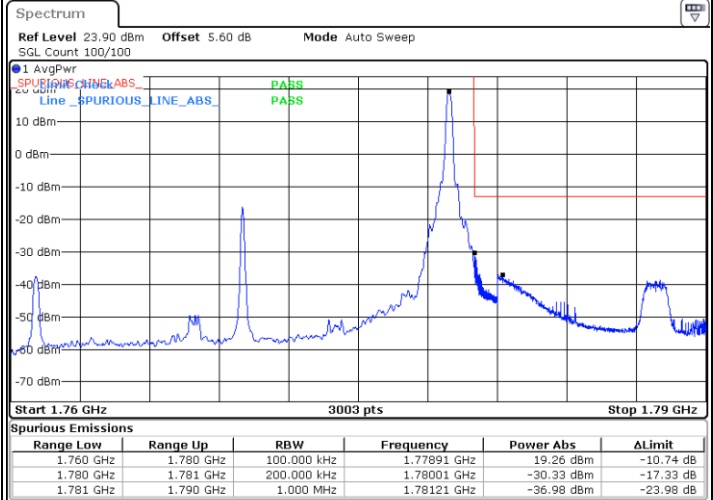


LTE Band 66 / 20MHz / 16QAM

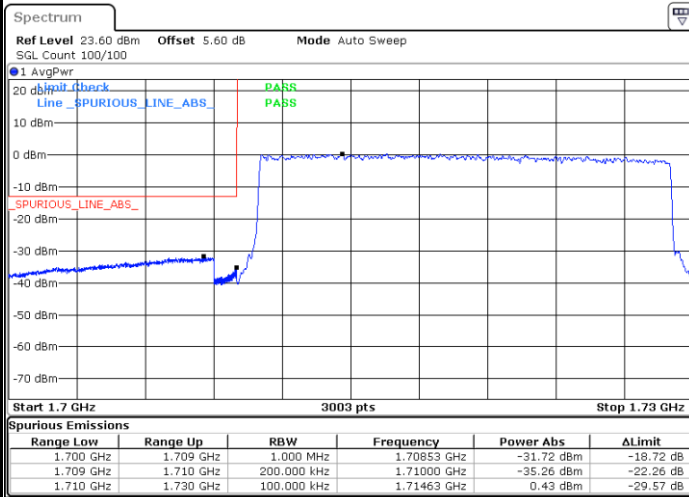
Lowest Band Edge / 1 RB



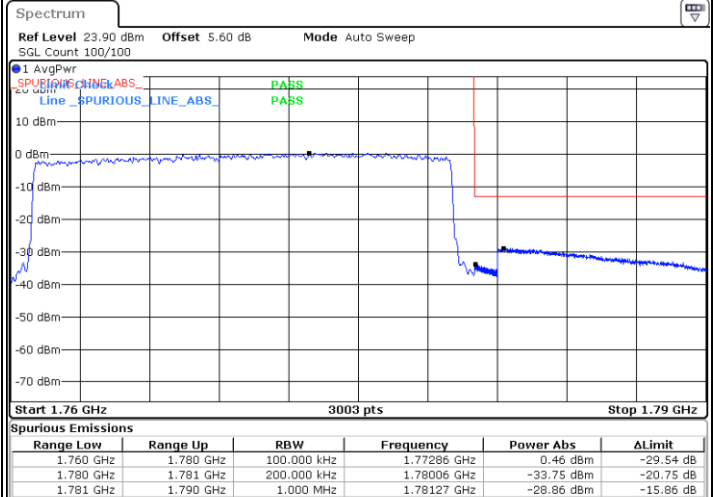
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

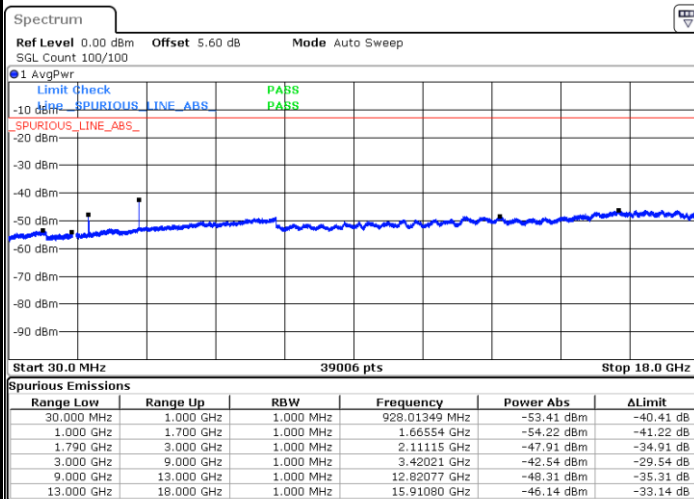




Conducted Spurious Emission

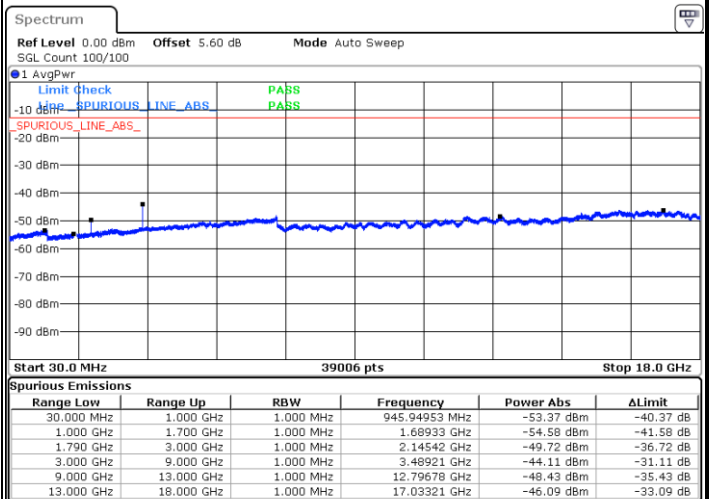
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



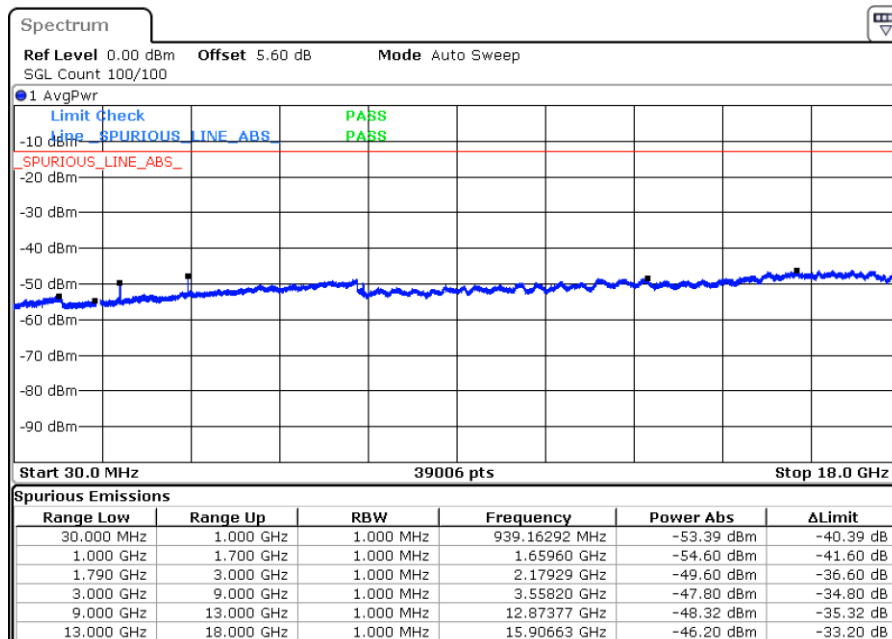
Date: 25 MAY 2021 20:00:39

Middle Channel / QPSK



Date: 25 MAY 2021 20:02:03

Highest Channel / QPSK

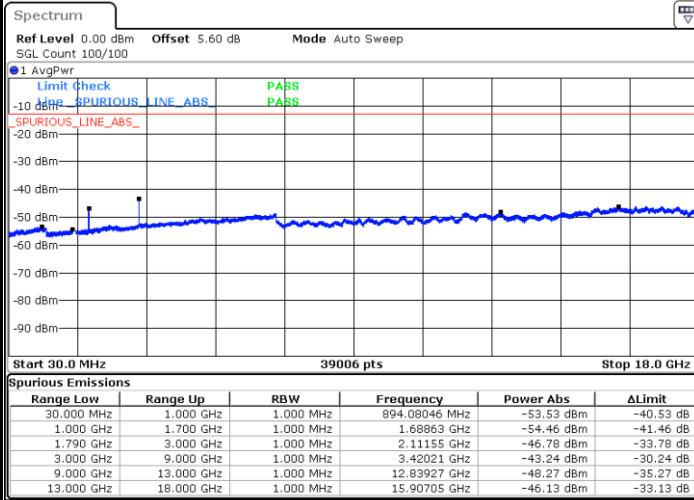


Date: 25 MAY 2021 20:03:27



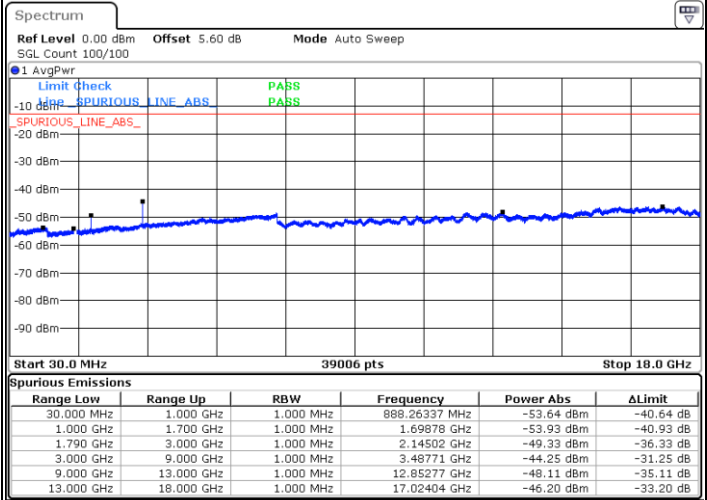
LTE Band 66 / 3MHz

Lowest Channel / QPSK



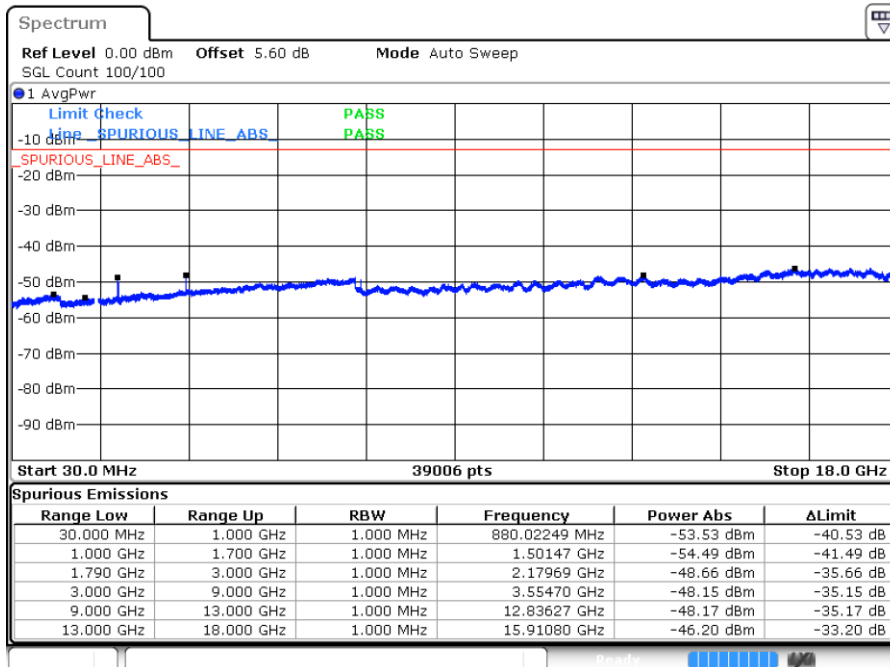
Date: 25 MAY 2021 20:04:52

Middle Channel / QPSK



Date: 25 MAY 2021 20:06:15

Highest Channel / QPSK

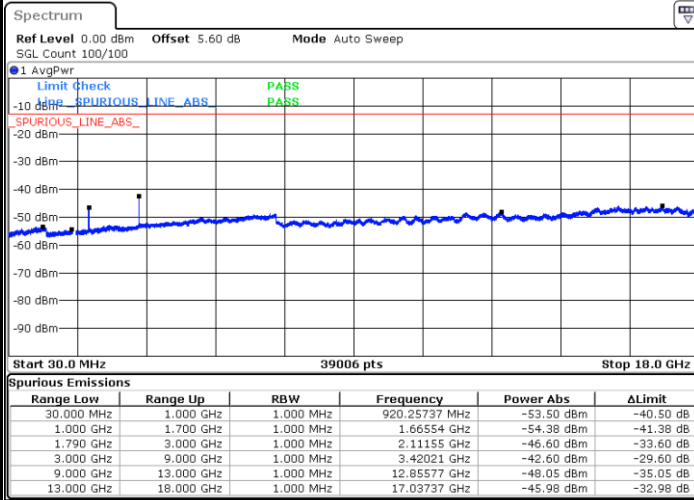


Date: 25 MAY 2021 20:07:39



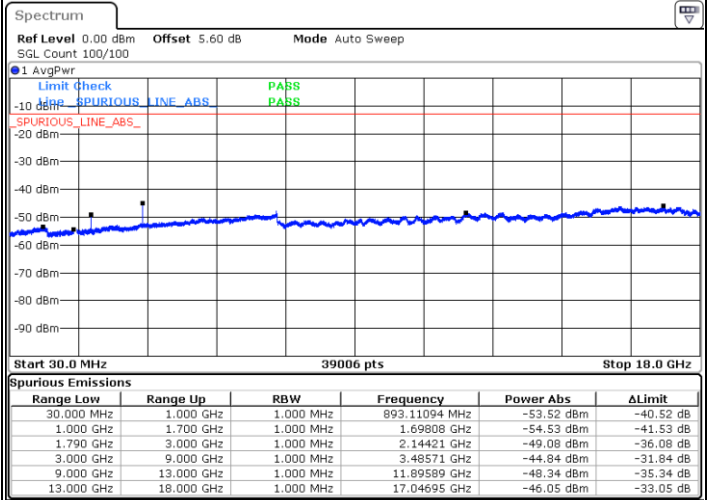
LTE Band 66 / 5MHz

Lowest Channel / QPSK



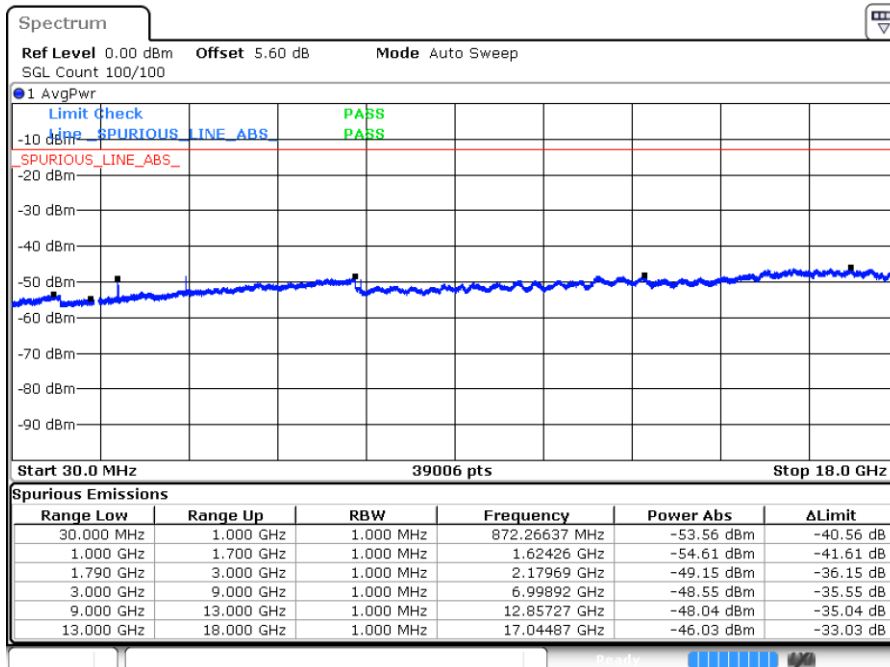
Date: 25 MAY 2021 20:09:03

Middle Channel / QPSK



Date: 25 MAY 2021 20:10:27

Highest Channel / QPSK

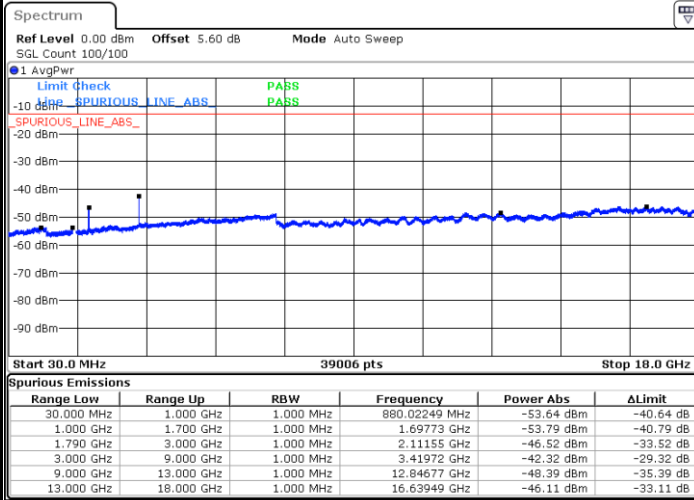


Date: 25 MAY 2021 20:11:51



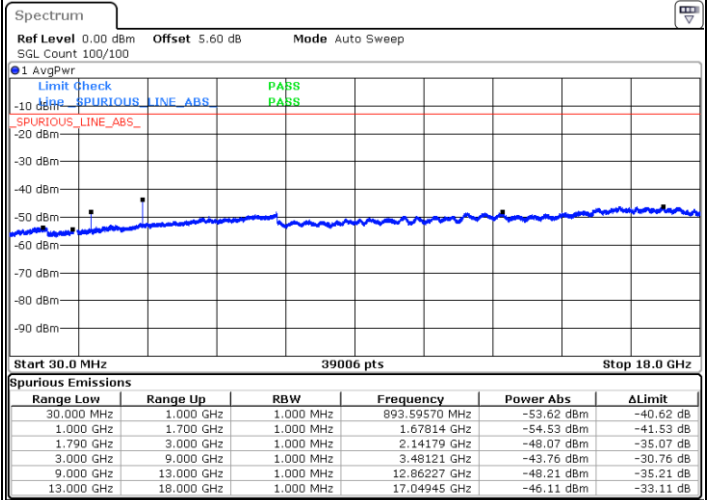
LTE Band 66 / 10MHz

Lowest Channel / QPSK



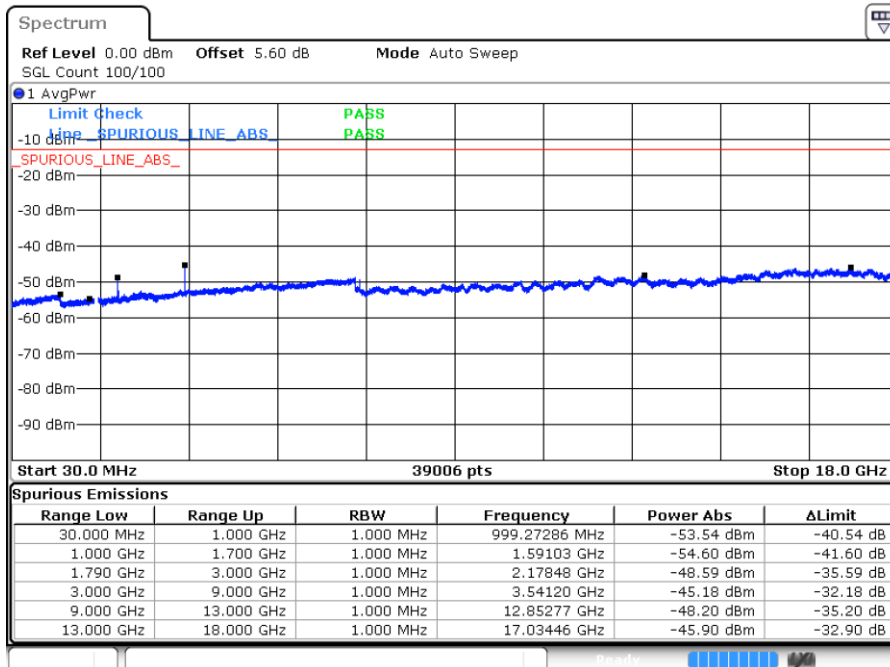
Date: 25 MAY 2021 20:13:16

Middle Channel / QPSK



Date: 25 MAY 2021 20:14:40

Highest Channel / QPSK

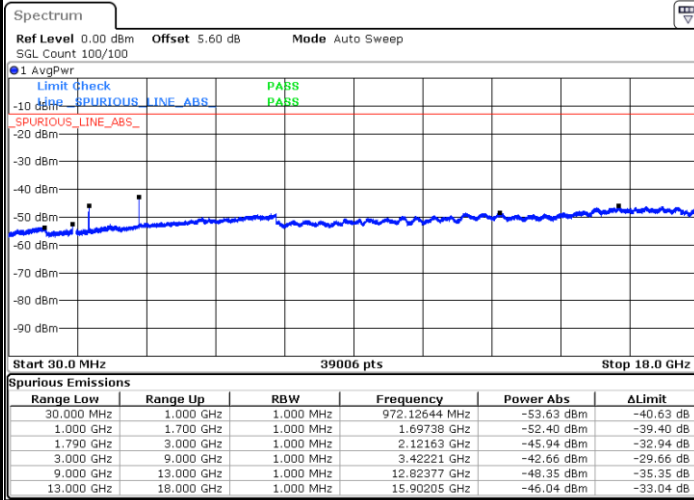


Date: 25 MAY 2021 20:16:03



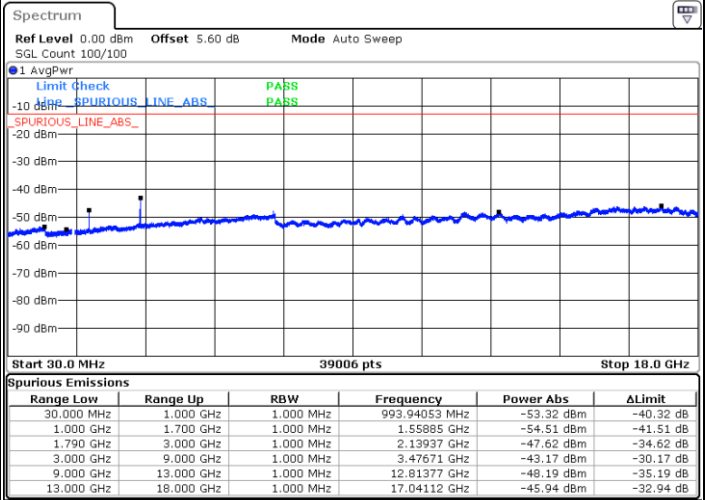
LTE Band 66 / 15MHz

Lowest Channel / QPSK



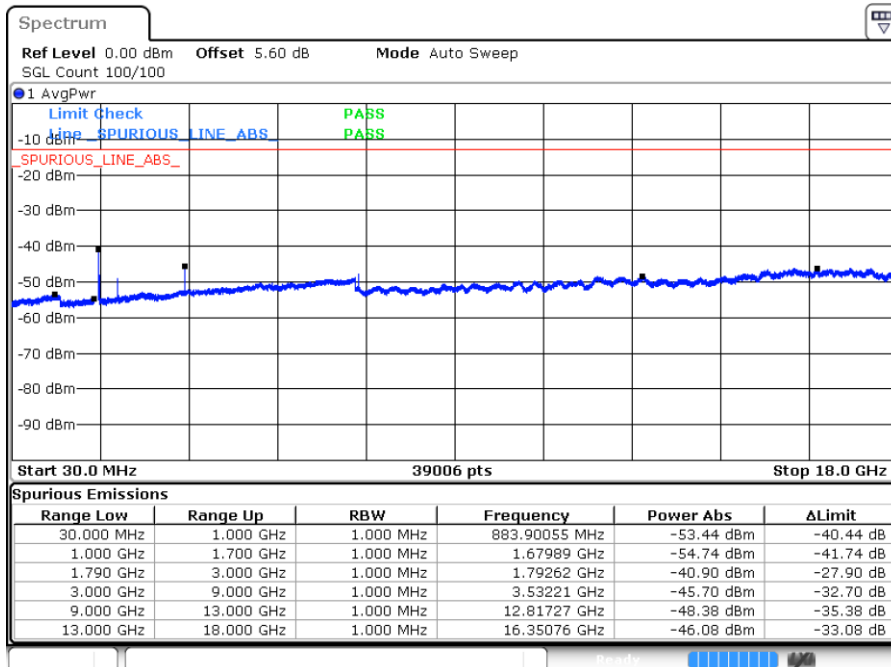
Date: 25 MAY 2021 20:17:27

Middle Channel / QPSK



Date: 25 MAY 2021 20:18:51

Highest Channel / QPSK

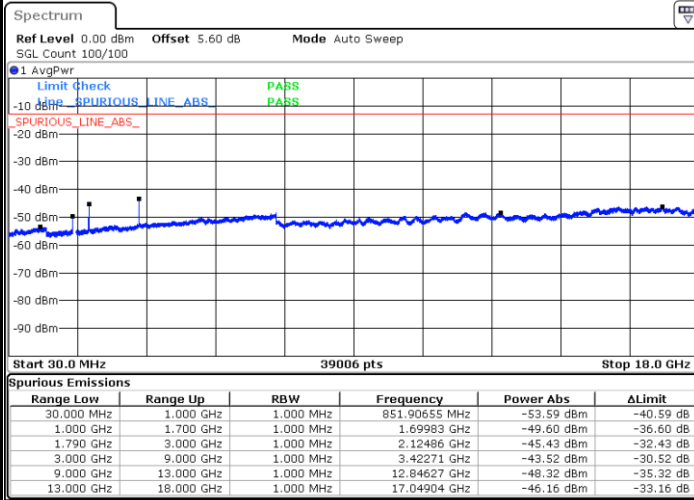


Date: 25 MAY 2021 20:20:15



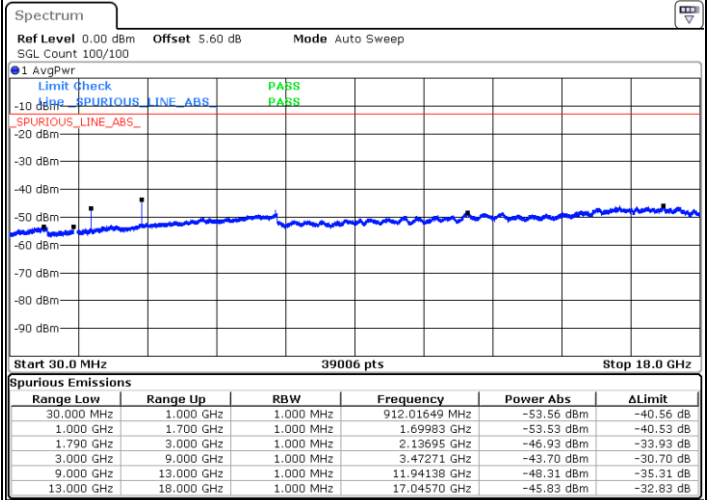
LTE Band 66 / 20MHz

Lowest Channel / QPSK



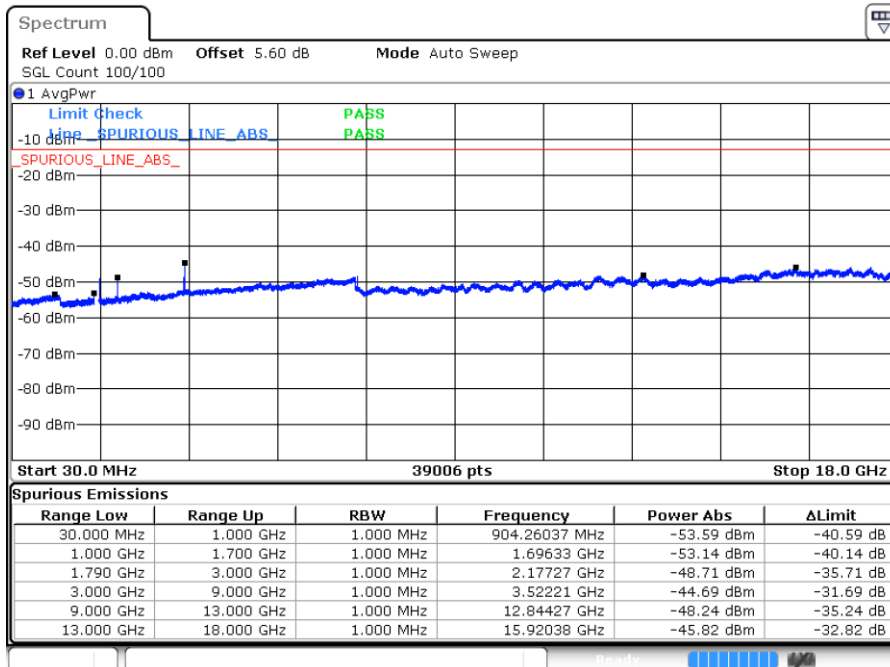
Date: 25 MAY 2021 20:21:40

Middle Channel / QPSK



Date: 25 MAY 2021 20:23:04

Highest Channel / QPSK



Date: 25 MAY 2021 20:24:28

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	0.0005	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.3 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	-56.22	-13	-43.22	-68.48	2.64	14.90	H
	5613	-54.65	-13	-41.65	-66.51	2.94	14.80	H
	7488	-53.10	-13	-40.10	-62.87	3.39	13.16	H
	3741	-56.20	-13	-43.20	-68.46	2.64	14.90	V
	5613	-55.58	-13	-42.58	-67.44	2.94	14.80	V
	7488	-52.79	-13	-39.79	-62.56	3.39	13.16	V

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

LTE Band 12 / 10 MHz / 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	1406	-66.88	-13	-53.88	-73.85	1.58	10.70	H
	2110	-61.64	-13	-48.64	-69.89	2.10	12.50	H
	2812	-59.45	-13	-46.45	-68.34	2.86	13.90	H
	3516	-59.69	-13	-46.69	-67.38	3.46	13.30	H
	1406	-66.26	-13	-53.26	-73.23	1.58	10.70	V
	2110	-60.95	-13	-47.95	-69.20	2.10	12.50	V
	2812	-59.20	-13	-46.20	-68.09	2.86	13.90	V
	3516	-60.04	-13	-47.04	-67.73	3.46	13.30	V

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

LTE Band 13 / 5MHz / 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	1560	-64.90	-42.15	-22.75	-67.53	1.09	5.87	H
	2340	-57.12	-13	-44.12	-59.52	1.37	5.92	H
	3120	-59.07	-13	-46.07	-62.96	1.64	7.68	H
	1560	-64.88	-42.15	-22.73	-67.51	1.09	5.87	V
	2340	-58.21	-13	-45.21	-60.61	1.37	5.92	V
	3120	-58.80	-13	-45.80	-62.69	1.64	7.68	V

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



LTE Band 13 / 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	1556	-65.83	-13	-52.83	-68.46	1.09	5.87	H
	2332	-57.60	-13	-44.60	-60.00	1.37	5.92	H
	3108	-59.03	-13	-46.03	-62.92	1.64	7.68	H
	1556	-64.83	-13	-51.83	-67.46	1.09	5.87	V
	2332	-58.30	-13	-45.30	-60.70	1.37	5.92	V
	3108	-58.83	-13	-45.83	-62.72	1.64	7.68	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	-57.63	-13	-44.63	-68.37	2.604	13.34	H
	5208	-55.00	-13	-42.00	-65.51	3.011	13.52	H
	6948	-54.69	-13	-41.69	-64.89	3.271	13.47	H
	3471	-58.13	-13	-45.13	-68.87	2.604	13.34	V
	5208	-54.81	-13	-41.81	-65.32	3.011	13.52	V
	6948	-54.76	-13	-41.76	-64.96	3.271	13.47	V

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