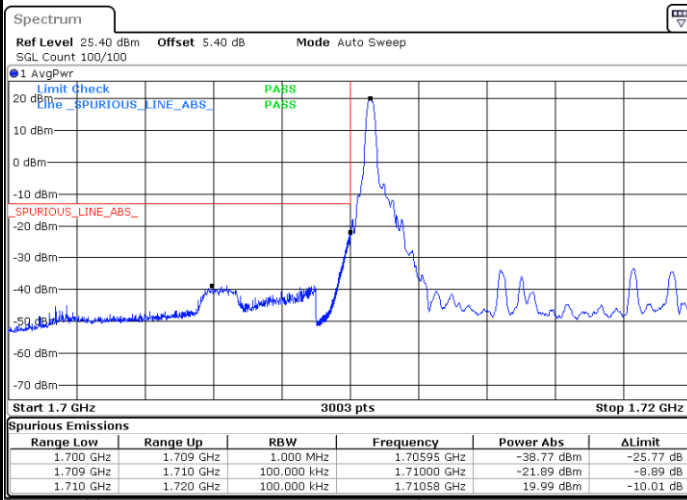




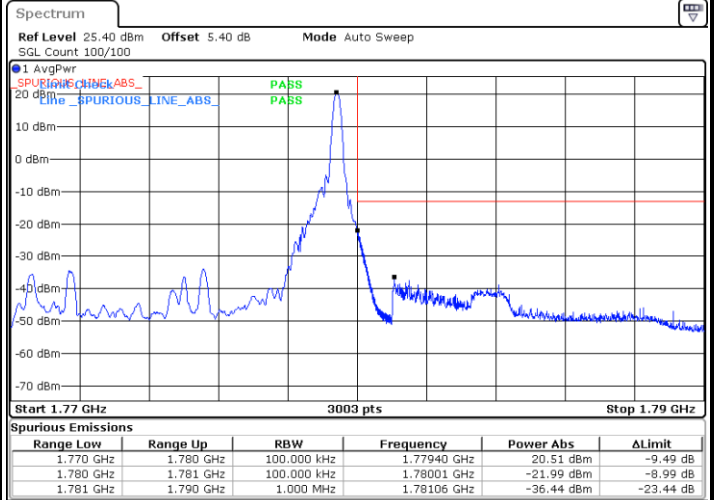
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



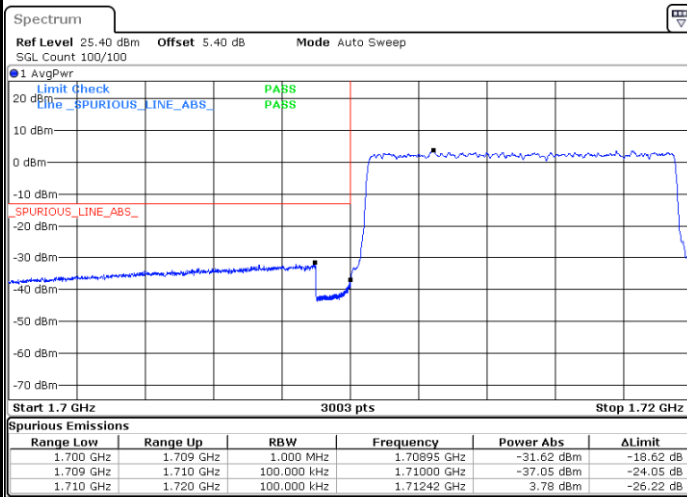
Date: 26 MAY 2021 16:40:34

Highest Band Edge / 1 RB



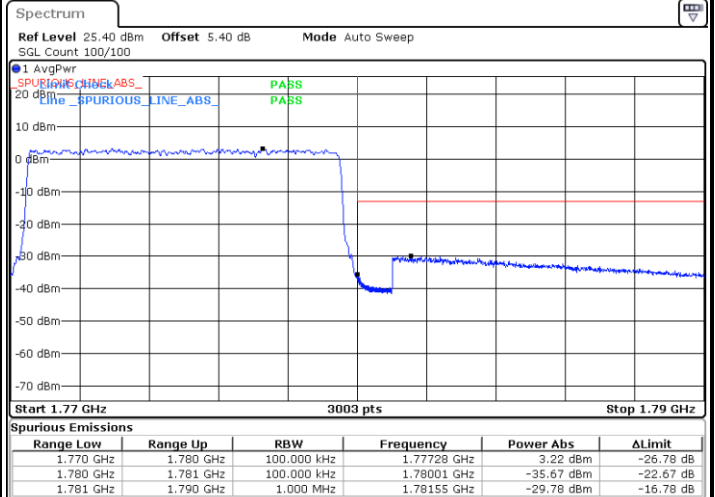
Date: 26 MAY 2021 16:46:11

Lowest Band Edge / Full RB



Date: 26 MAY 2021 16:43:23

Highest Band Edge / Full RB

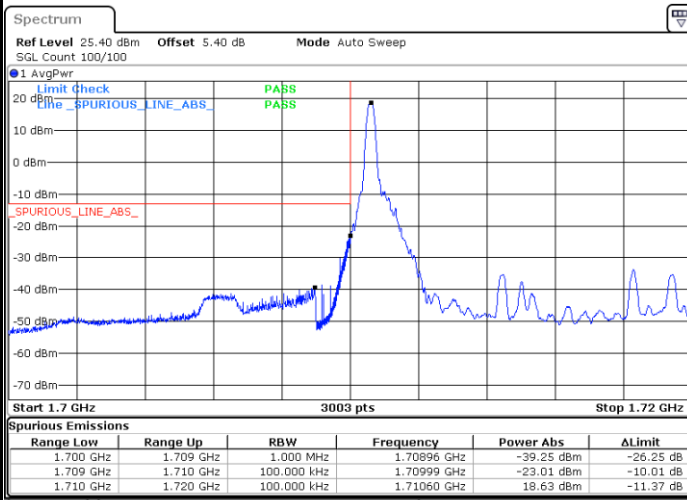


Date: 26 MAY 2021 16:49:00



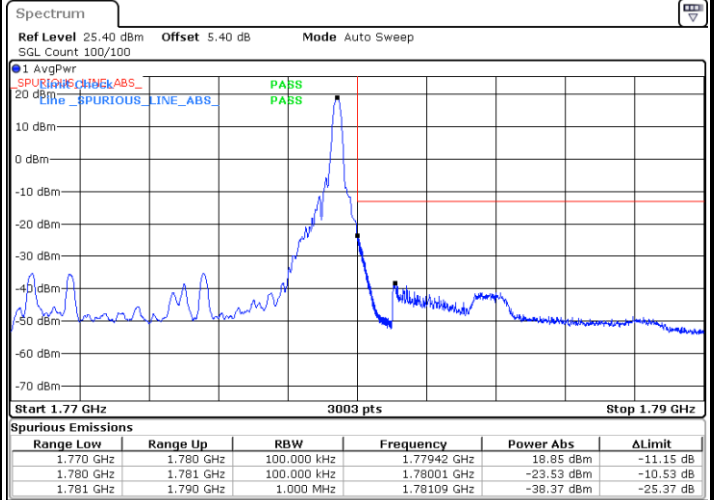
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



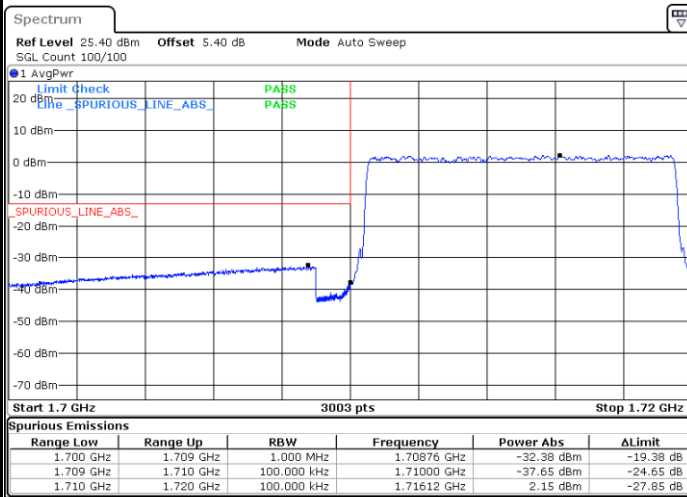
Date: 26 MAY 2021 17:55:44

Highest Band Edge / 1 RB



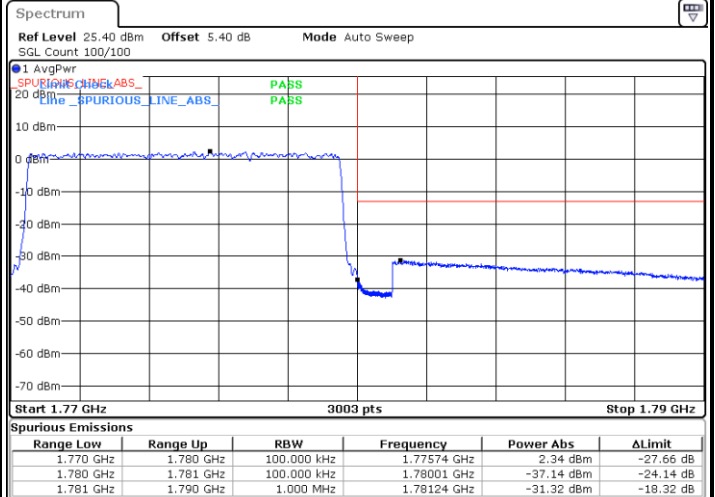
Date: 26 MAY 2021 17:58:31

Lowest Band Edge / Full RB



Date: 26 MAY 2021 17:57:07

Highest Band Edge / Full RB

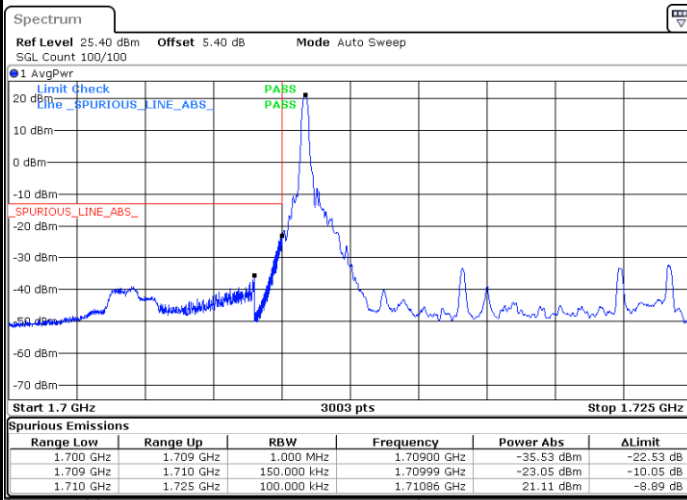


Date: 26 MAY 2021 17:59:56



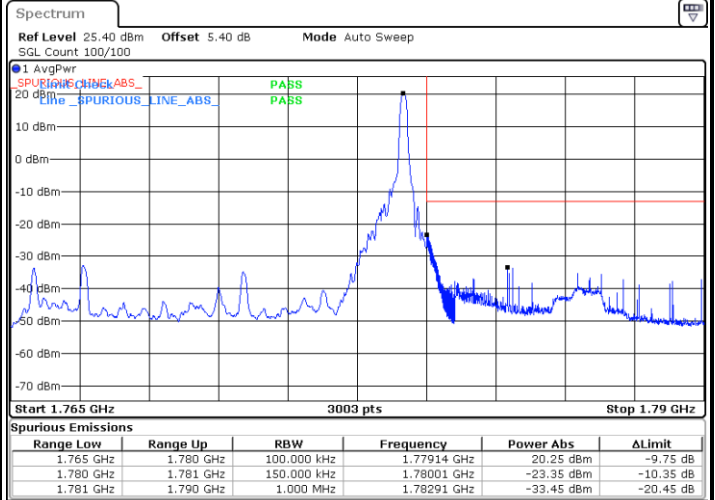
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



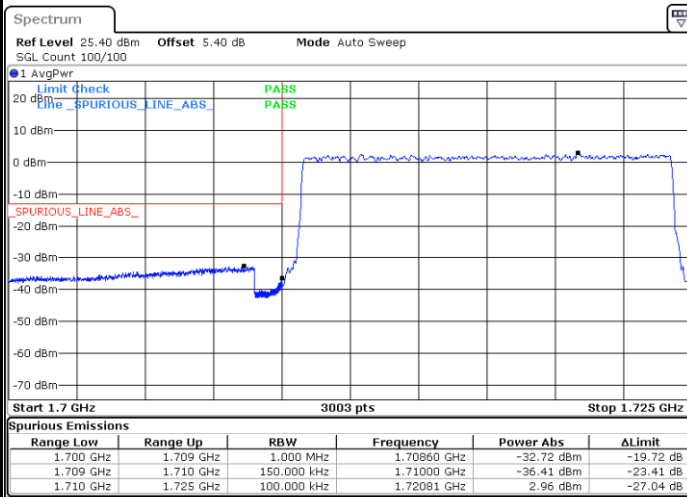
Date: 26 MAY 2021 16:50:25

Highest Band Edge / 1 RB



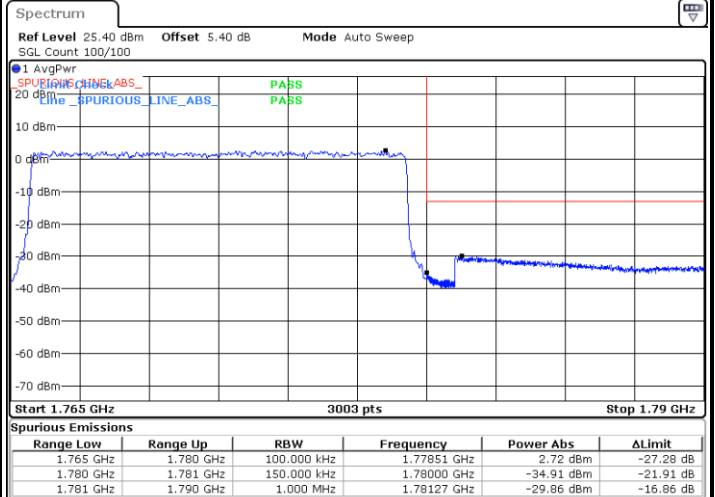
Date: 26 MAY 2021 16:56:00

Lowest Band Edge / Full RB



Date: 26 MAY 2021 16:53:13

Highest Band Edge / Full RB

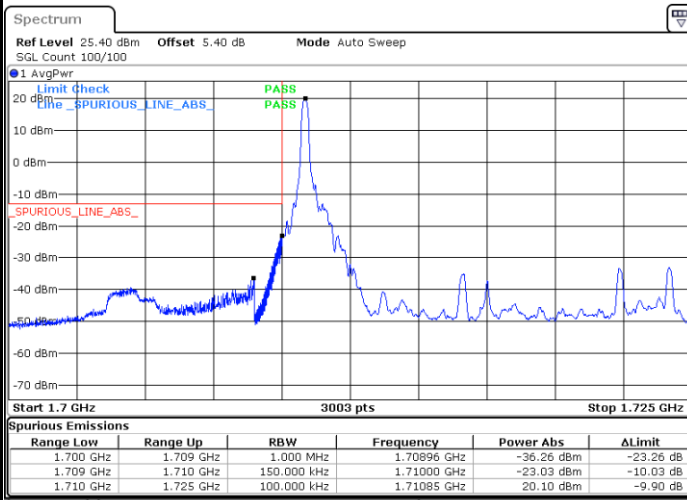


Date: 26 MAY 2021 16:58:49



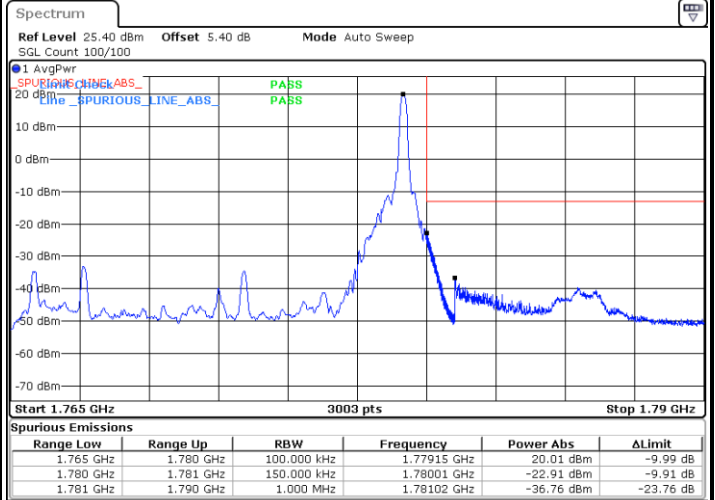
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



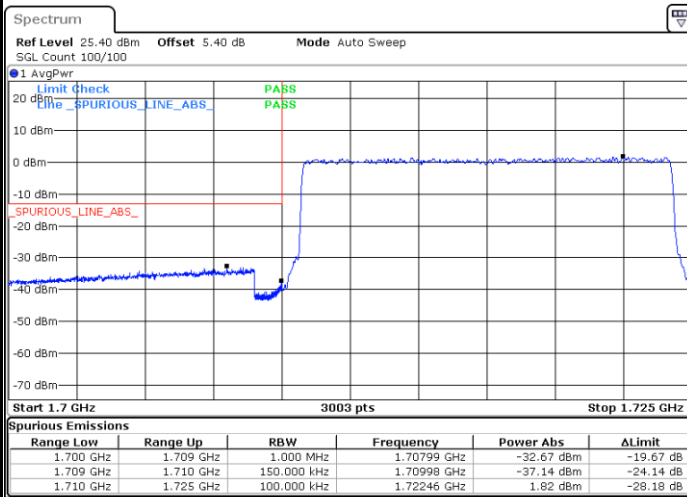
Date: 26 MAY 2021 16:51:49

Highest Band Edge / 1 RB



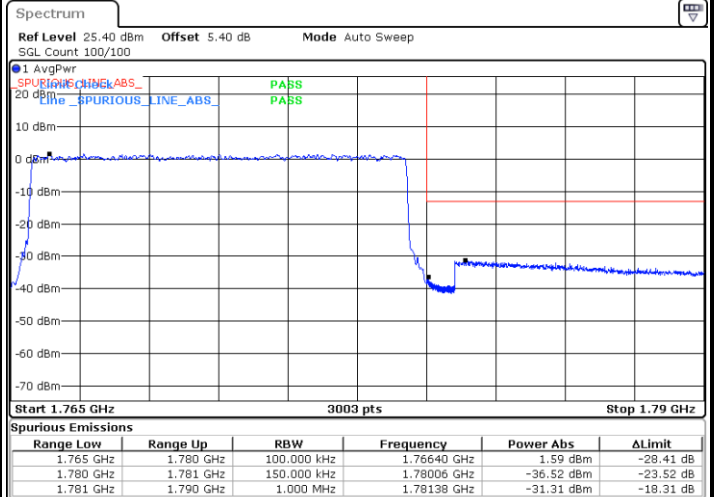
Date: 26 MAY 2021 16:57:24

Lowest Band Edge / Full RB



Date: 26 MAY 2021 16:54:36

Highest Band Edge / Full RB

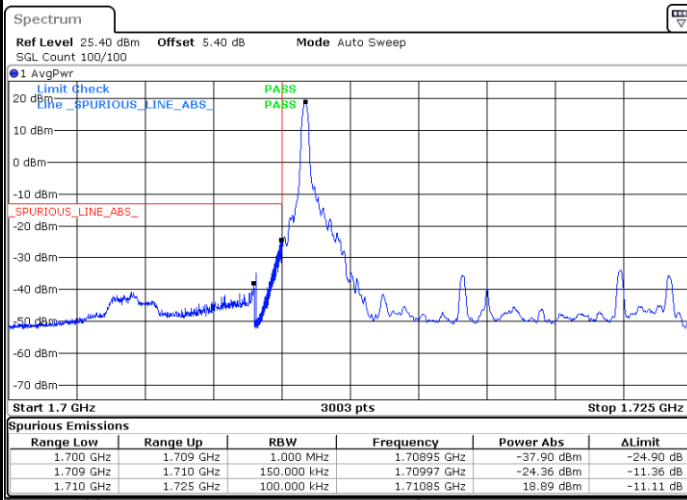


Date: 26 MAY 2021 17:00:13



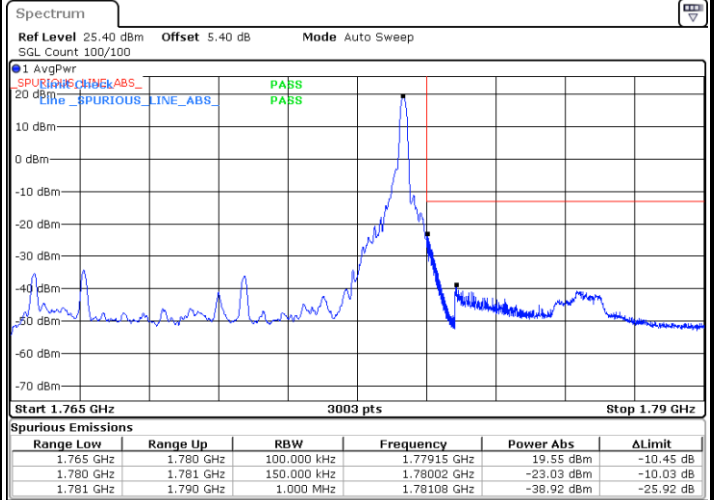
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



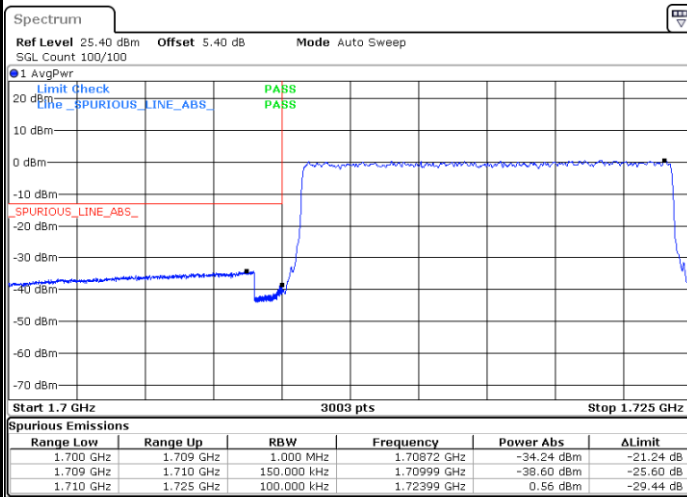
Date: 26 MAY 2021 18:01:24

Highest Band Edge / 1 RB



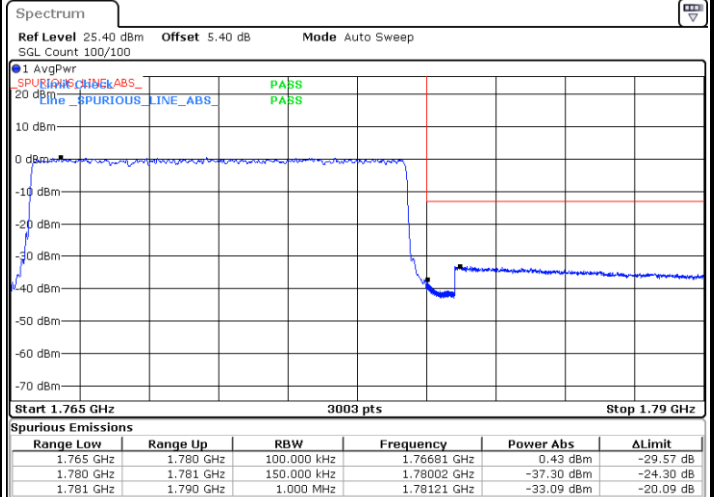
Date: 26 MAY 2021 18:04:13

Lowest Band Edge / Full RB



Date: 26 MAY 2021 18:02:48

Highest Band Edge / Full RB

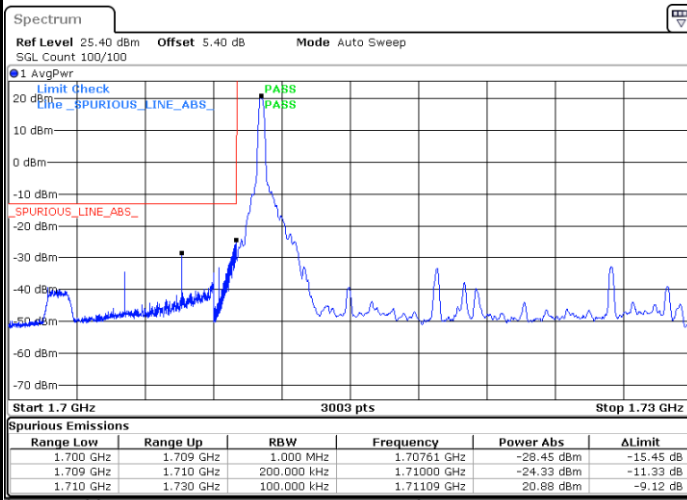


Date: 26 MAY 2021 18:05:37

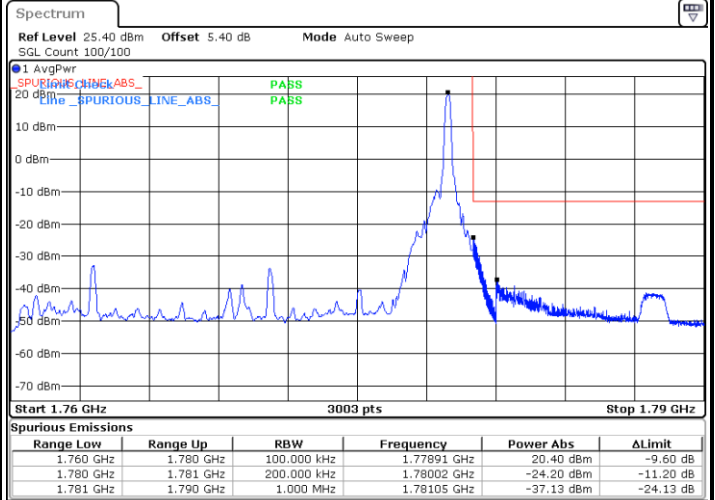


LTE Band 66 / 20MHz / QPSK

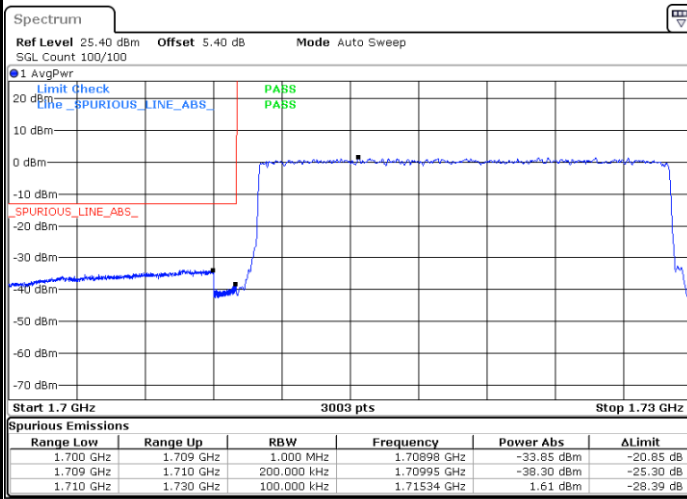
Lowest Band Edge / 1 RB



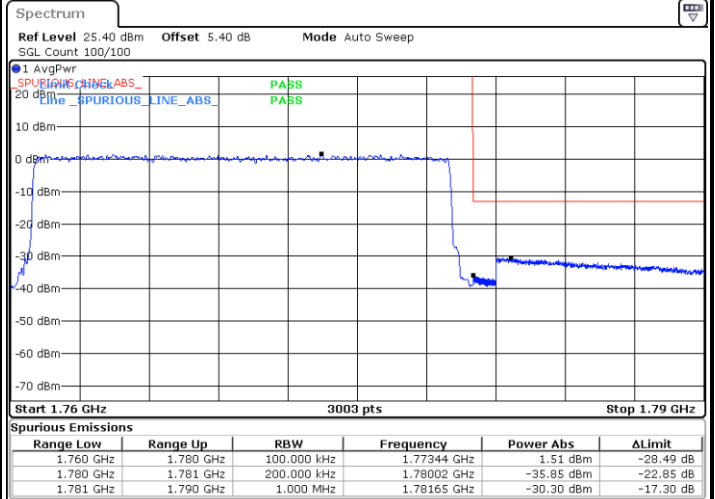
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



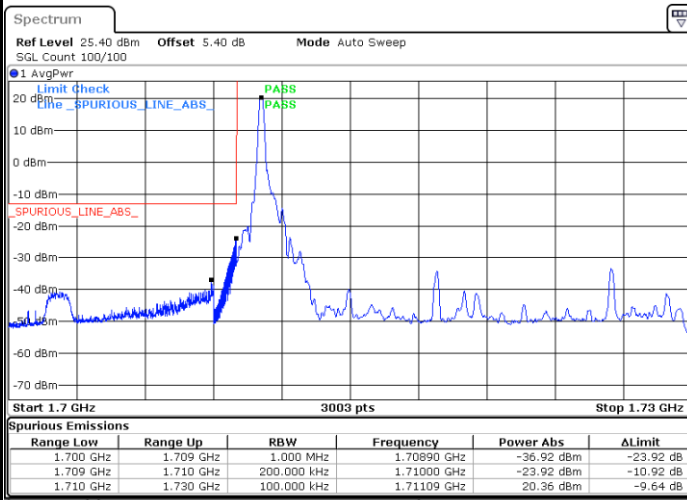
Highest Band Edge / Full RB





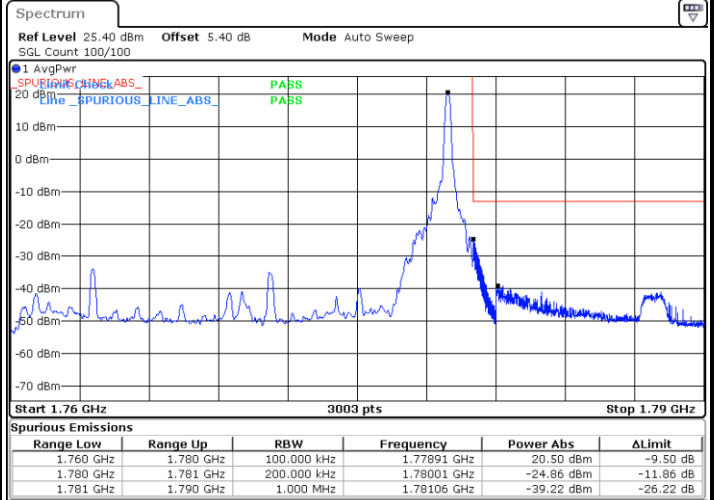
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



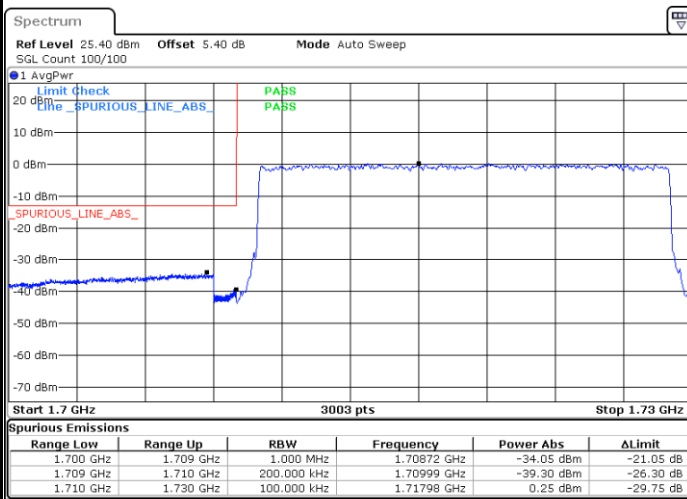
Date: 26 MAY 2021 17:03:06

Highest Band Edge / 1 RB



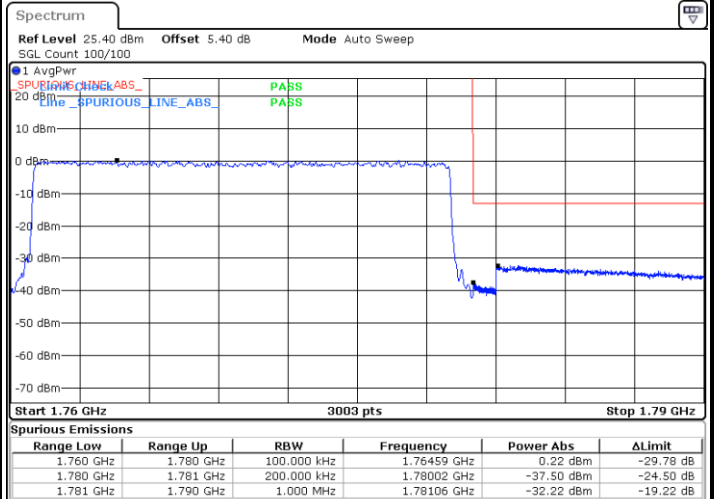
Date: 26 MAY 2021 17:08:43

Lowest Band Edge / Full RB



Date: 26 MAY 2021 17:05:54

Highest Band Edge / Full RB

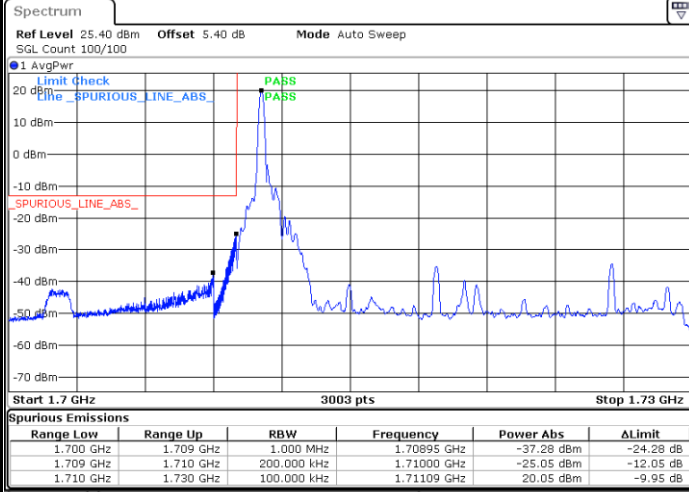


Date: 26 MAY 2021 17:11:30



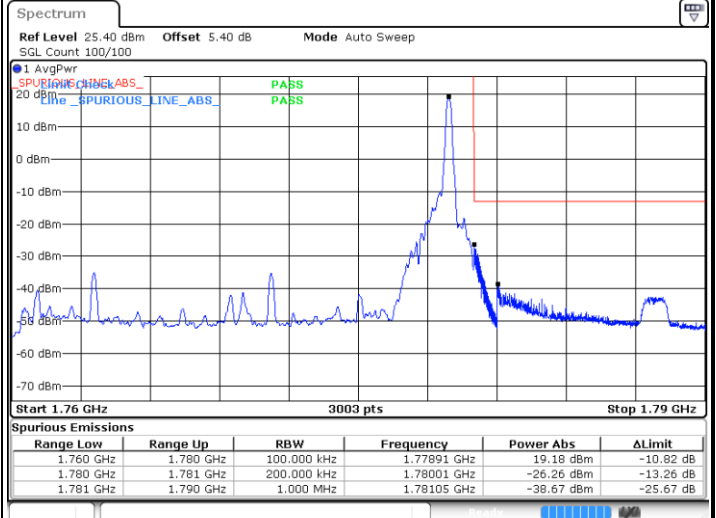
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



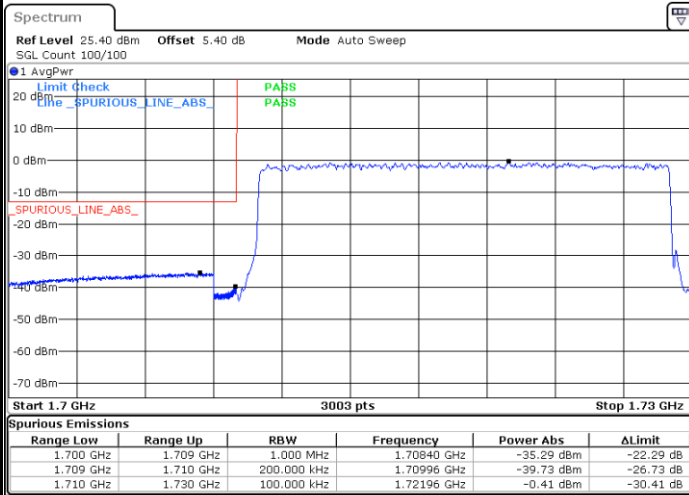
Date: 26 MAY 2021 18:07:02

Highest Band Edge / 1 RB



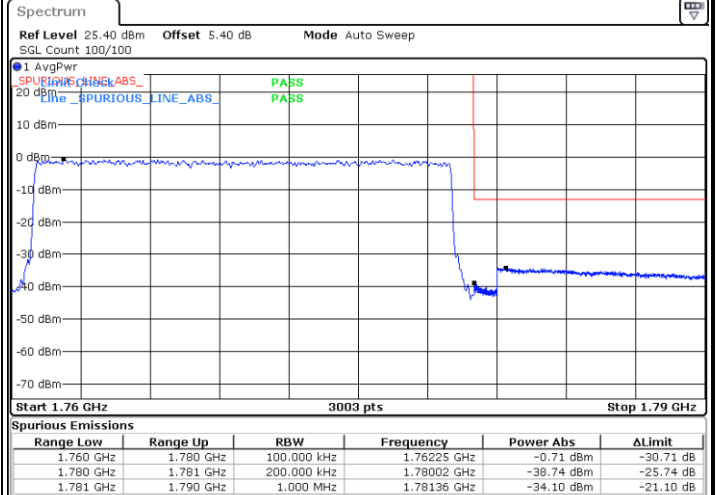
Date: 26 MAY 2021 18:09:51

Lowest Band Edge / Full RB



Date: 26 MAY 2021 18:08:27

Highest Band Edge / Full RB



Date: 26 MAY 2021 18:11:15

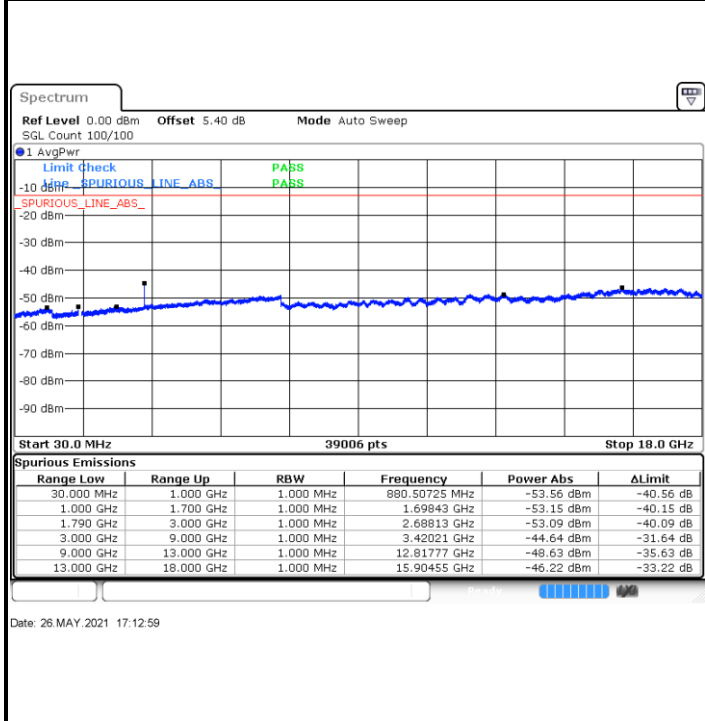


Conducted Spurious Emission

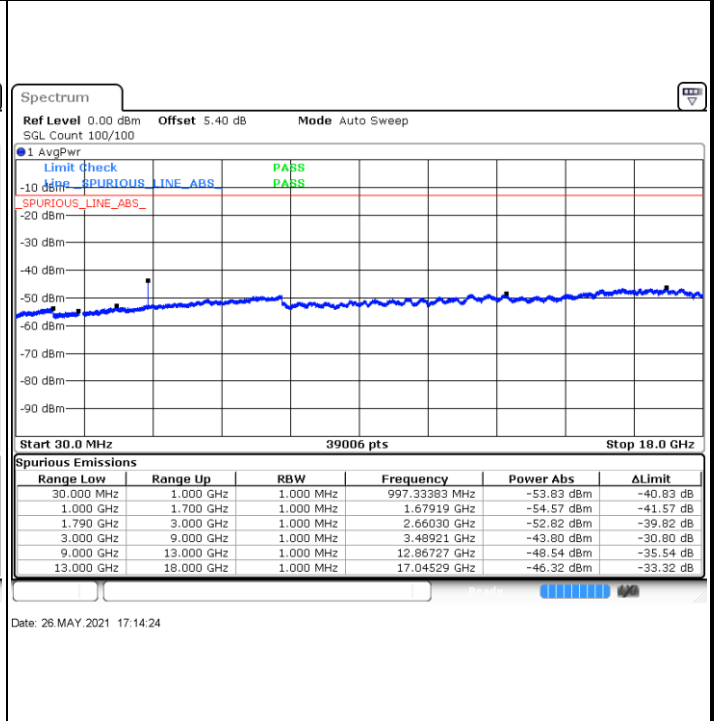


LTE Band 66 / 1.4MHz

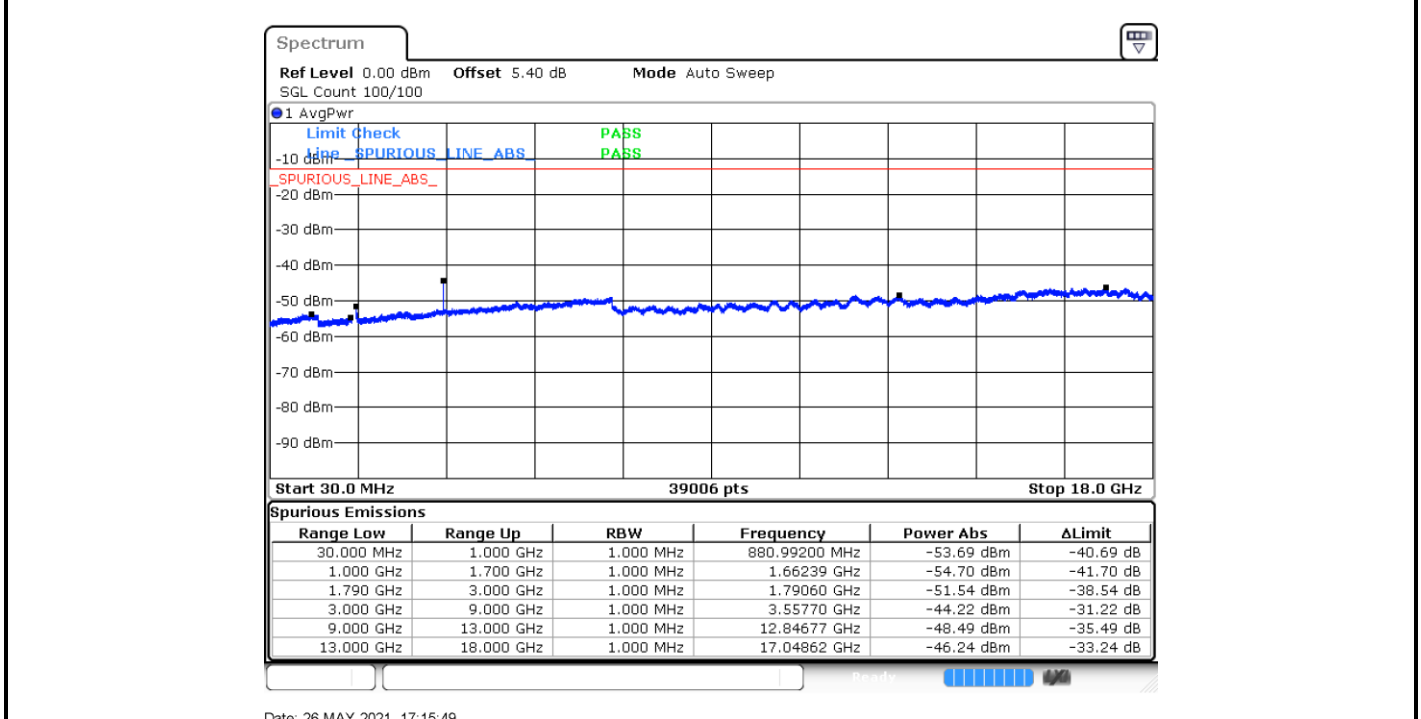
Lowest Channel / QPSK



Middle Channel / QPSK



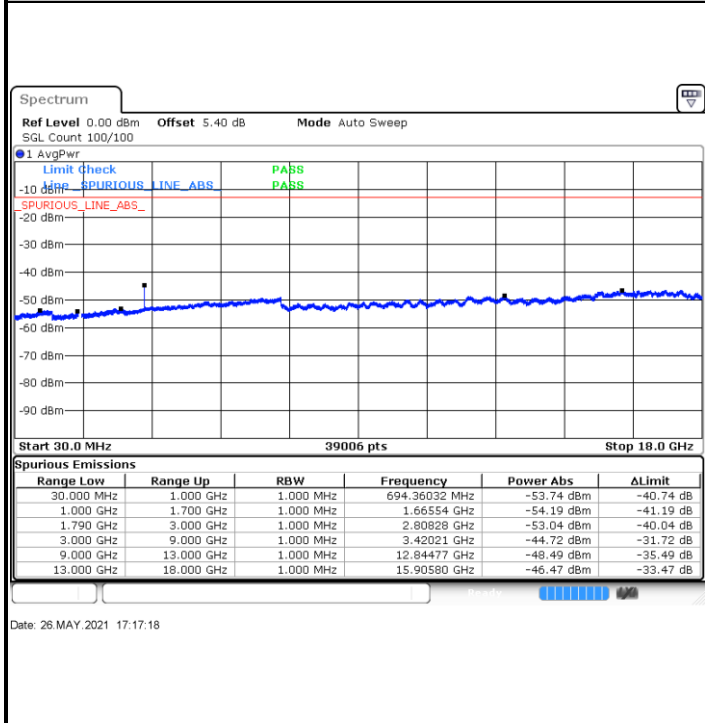
Highest Channel / QPSK



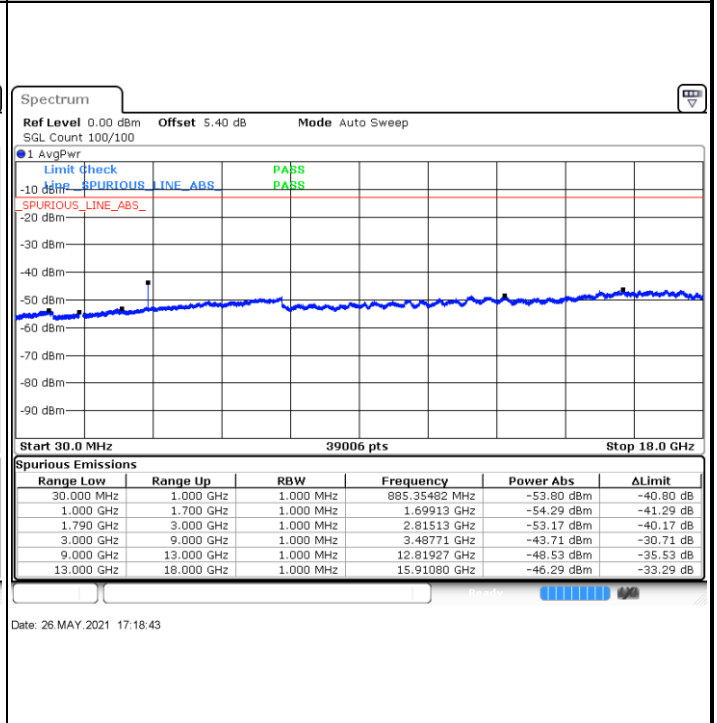


LTE Band 66 / 3MHz

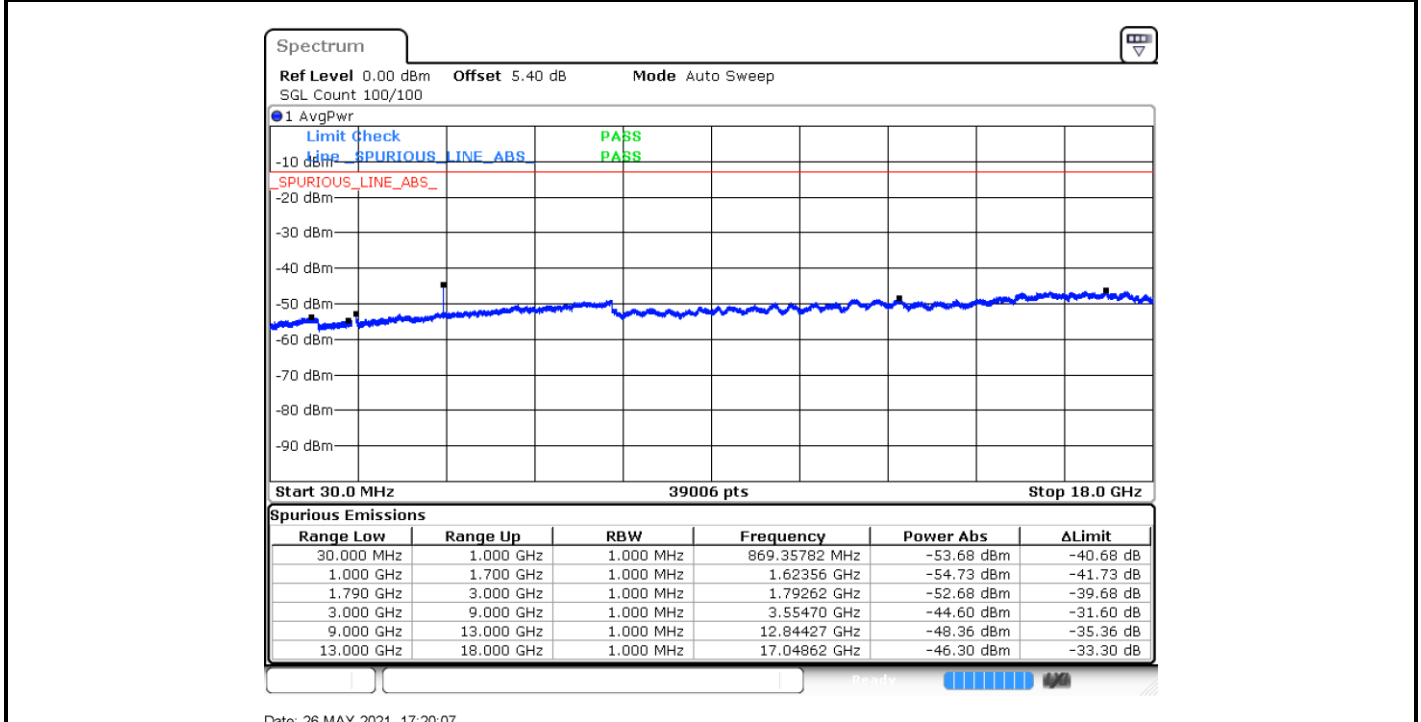
Lowest Channel / QPSK



Middle Channel / QPSK



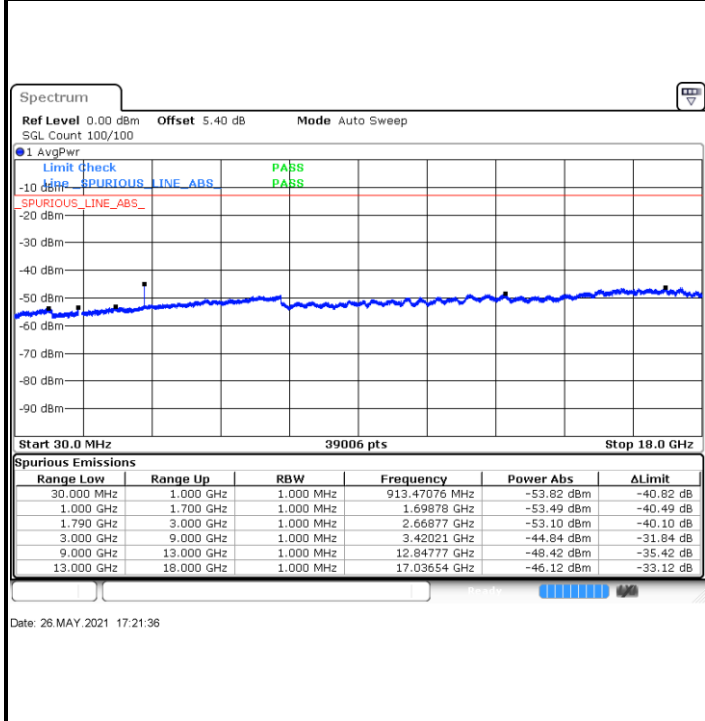
Highest Channel / QPSK



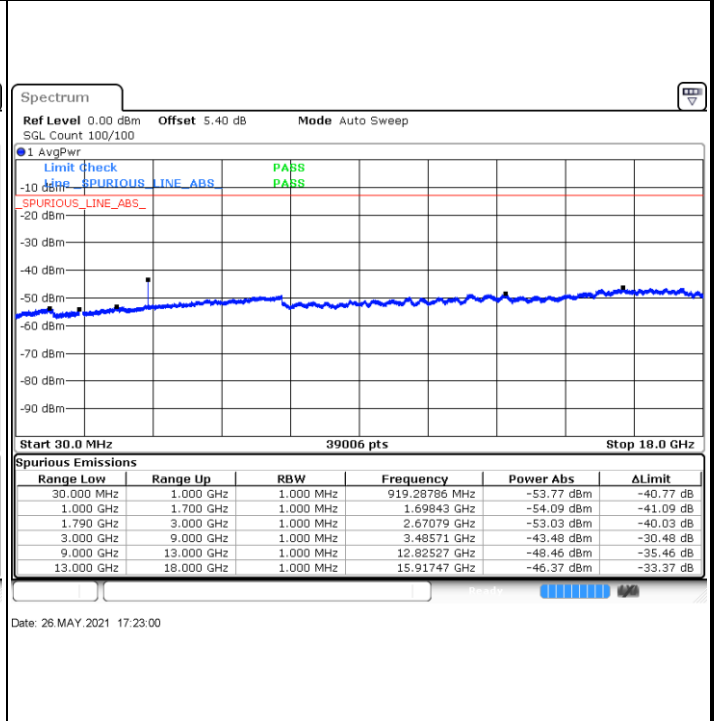


LTE Band 66 / 5MHz

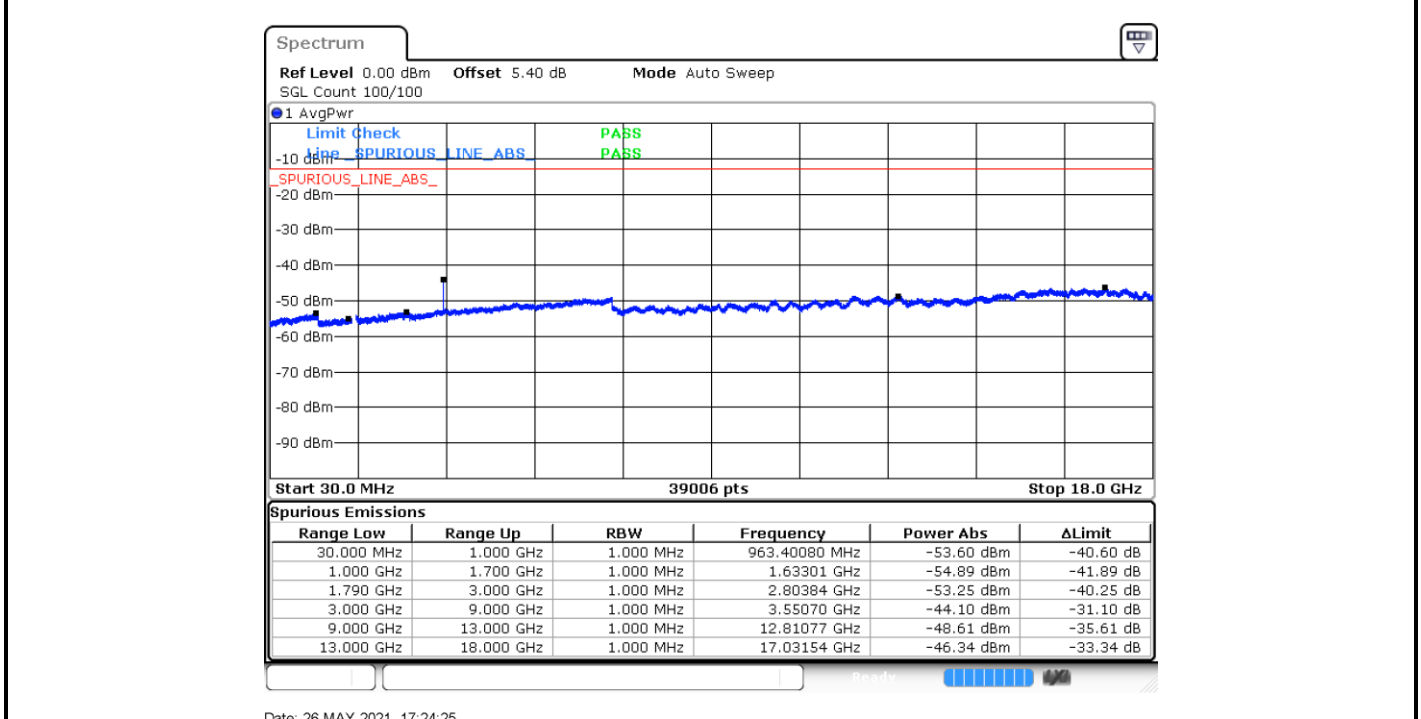
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

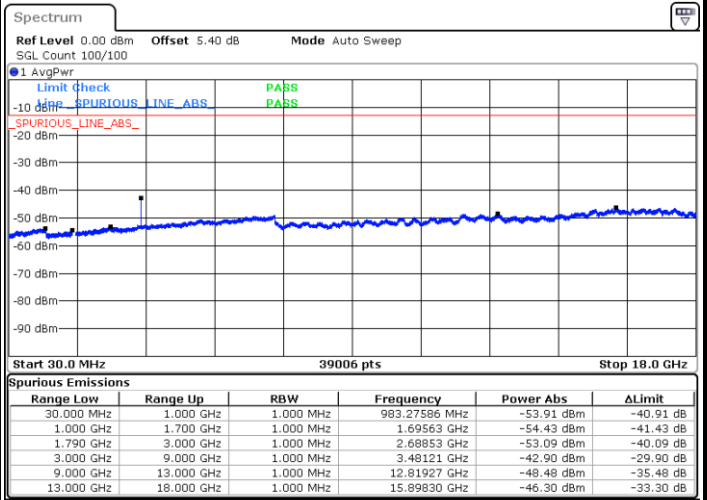
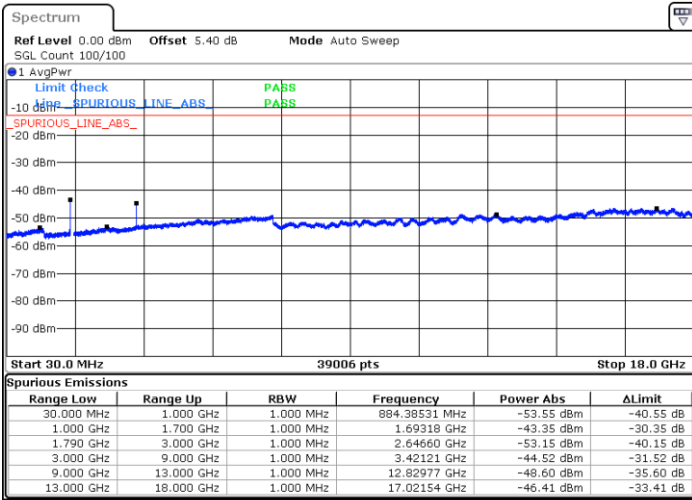




LTE Band 66 / 10MHz

Lowest Channel / QPSK

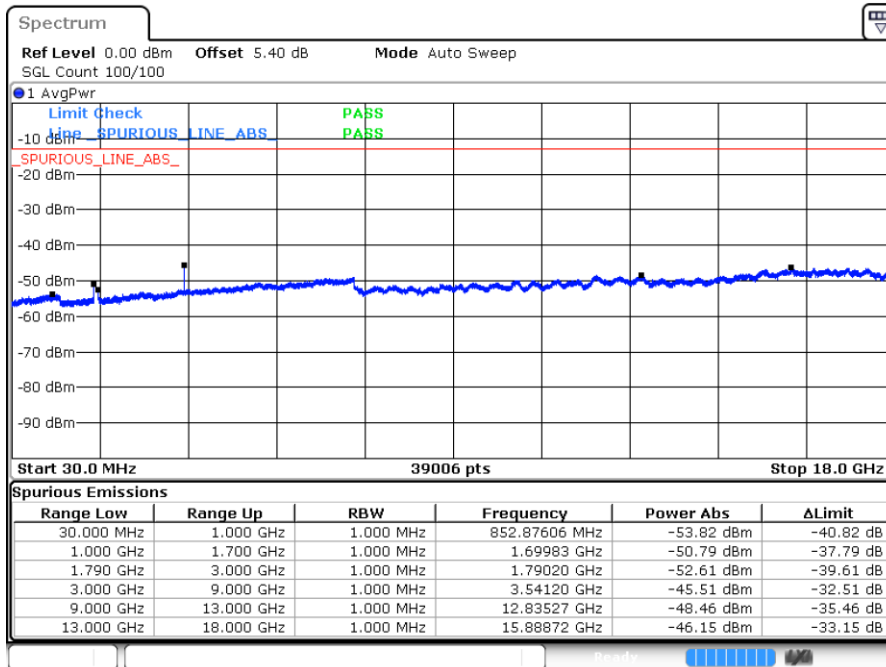
Middle Channel / QPSK



Date: 26 MAY 2021 17:25:53

Date: 26 MAY 2021 17:27:18

Highest Channel / QPSK



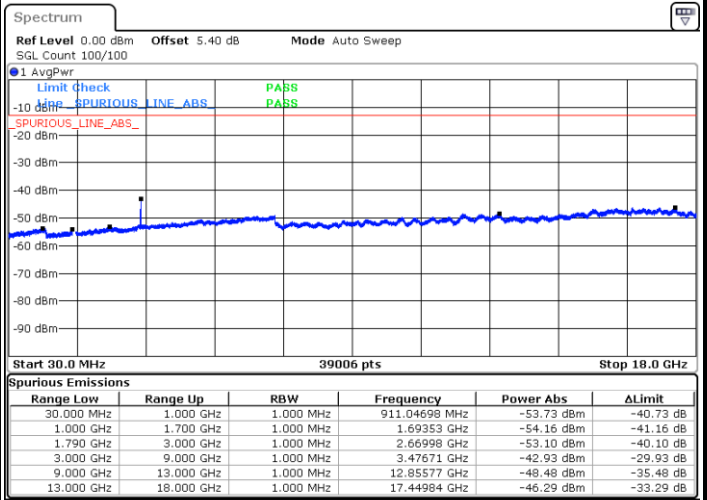
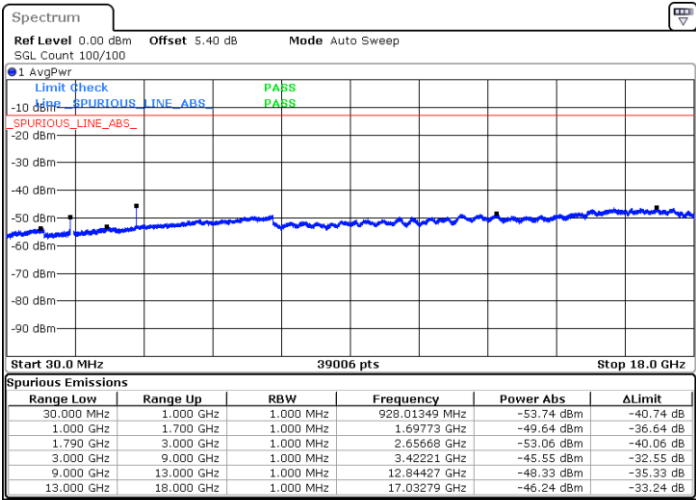
Date: 26 MAY 2021 17:28:42



LTE Band 66 / 15MHz

Lowest Channel / QPSK

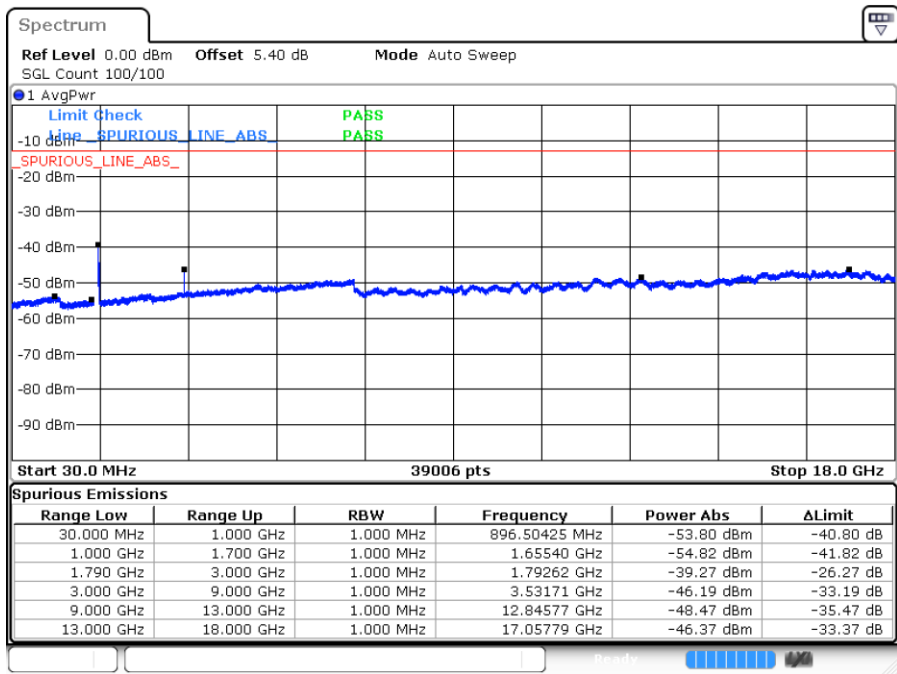
Middle Channel / QPSK



Date: 26 MAY 2021 17:30:11

Date: 26 MAY 2021 17:31:35

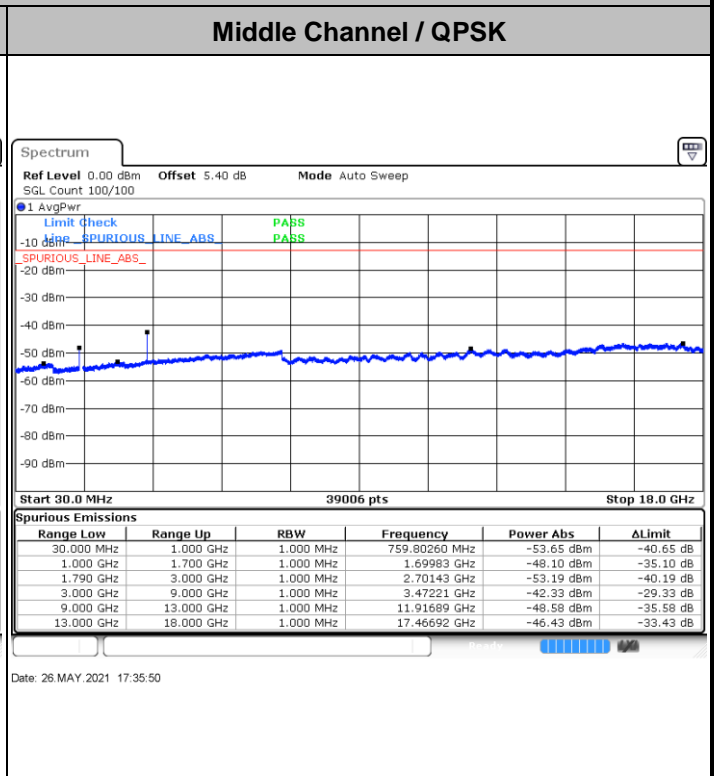
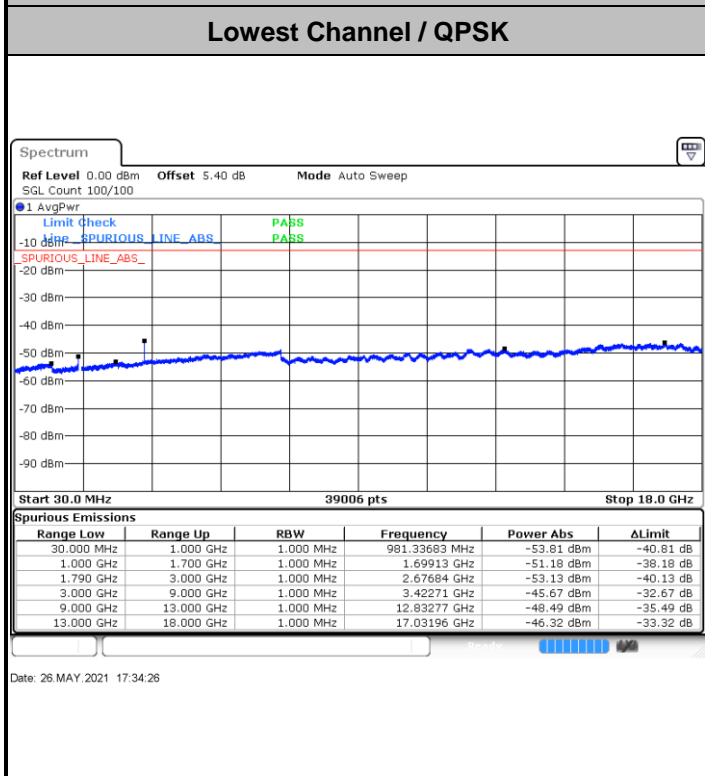
Highest Channel / QPSK



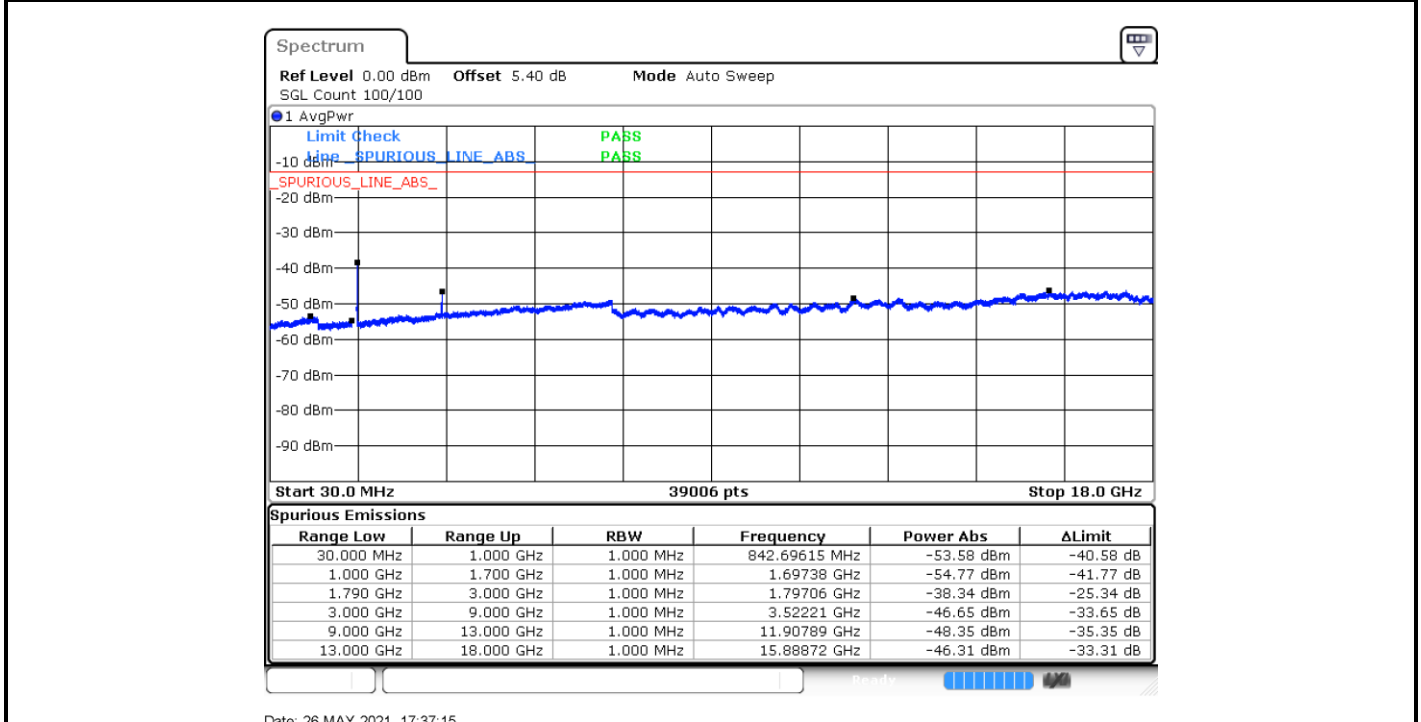
Date: 26 MAY 2021 17:33:00



LTE Band 66 / 20MHz



Highest Channel / QPSK





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	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 / 16QAM								
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	-51.84	-13	-38.84	-64.10	2.64	14.90	H
	5613	-54.63	-13	-41.63	-66.49	2.94	14.80	H
	7488	-51.70	-13	-38.70	-61.47	3.39	13.16	H
	3741	-52.91	-13	-39.91	-65.17	2.64	14.90	V
	5613	-55.05	-13	-42.05	-66.91	2.94	14.80	V
	7488	-51.99	-13	-38.99	-61.76	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	-64.39	-13	-51.39	-71.36	1.58	10.70	H
	2110	-59.90	-13	-46.90	-68.15	2.10	12.50	H
	2812	-58.95	-13	-45.95	-67.84	2.86	13.90	H
	3516	-59.17	-13	-46.17	-66.86	3.46	13.30	H
	1406	-62.79	-13	-49.79	-69.76	1.58	10.70	V
	2110	-59.61	-13	-46.61	-67.86	2.10	12.50	V
	2812	-58.43	-13	-45.43	-67.32	2.86	13.90	V
	3516	-59.33	-13	-46.33	-67.02	3.46	13.30	V

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

LTE Band 13 / 10MHz / 16QAM								
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	-52.57	-13	-39.57	-55.20	1.09	5.87	H
	2332	-60.85	-13	-47.85	-63.25	1.37	5.92	H
	3108	-59.49	-13	-46.49	-63.38	1.64	7.68	H
	1556	-50.56	-13	-37.56	-53.19	1.09	5.87	V
	2332	-59.04	-13	-46.04	-61.44	1.37	5.92	V
	3108	-59.31	-13	-46.31	-63.20	1.64	7.68	V

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



LTE Band 26 / 15MHz / 64QAM								
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	1660	-64.14	-13	-51.14	-71.11	1.58	10.70	H
	2490	-60.24	-13	-47.24	-68.49	2.10	12.50	H
	3318	-59.70	-13	-46.70	-68.59	2.86	13.90	H
	1660	-63.74	-13	-50.74	-70.71	1.58	10.70	V
	2490	-58.27	-13	-45.27	-66.52	2.10	12.50	V
	3318	-59.70	-13	-46.70	-68.59	2.86	13.90	V

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

LTE Band 66 / 20MHz / 16QAM								
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	-56.57	-13	-43.57	-67.31	2.604	13.34	H
	5208	-52.14	-13	-39.14	-62.65	3.011	13.52	H
	6948	-53.69	-13	-40.69	-63.89	3.271	13.47	H
	3471	-57.31	-13	-44.31	-68.05	2.604	13.34	V
	5208	-53.11	-13	-40.11	-63.62	3.011	13.52	V
	6948	-53.90	-13	-40.90	-64.10	3.271	13.47	V

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