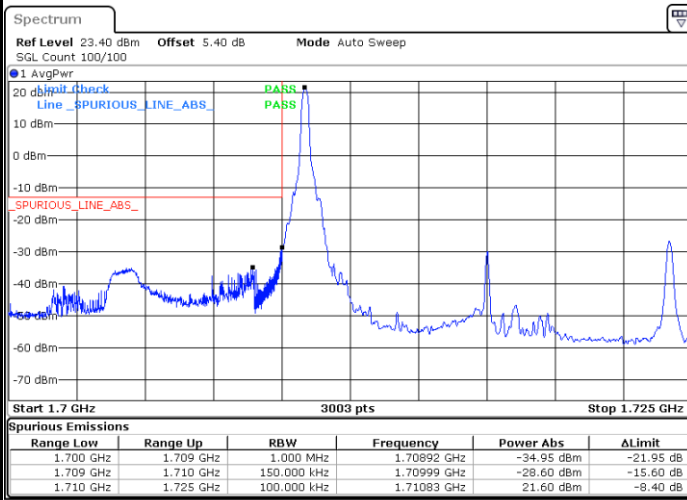




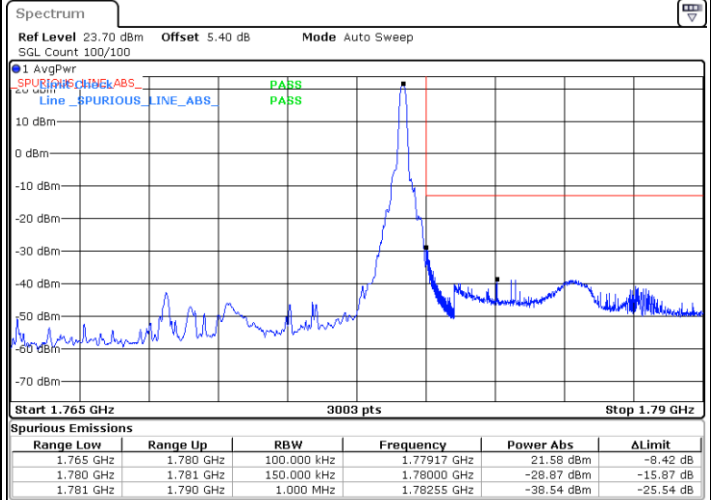
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



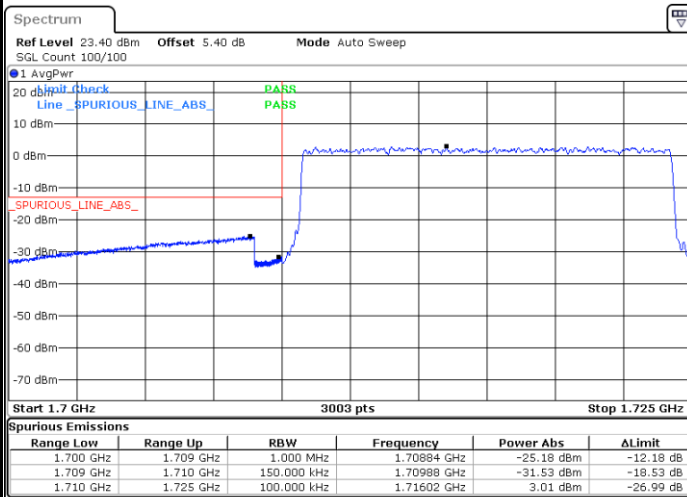
Date: 22.MAY.2021 13:28:06

Highest Band Edge / 1 RB



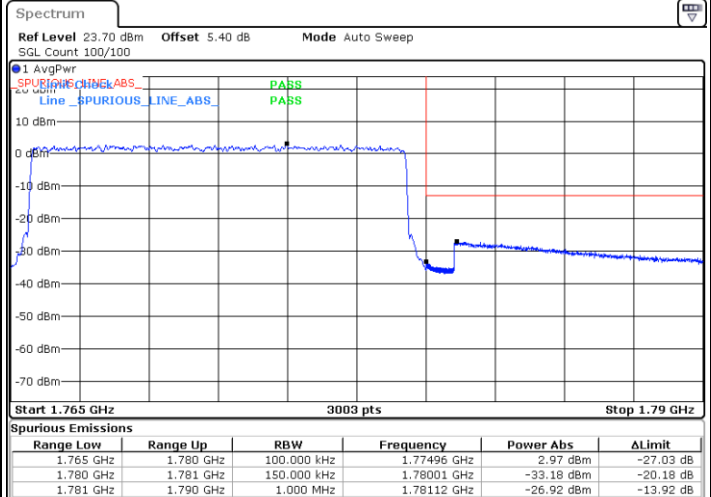
Date: 22.MAY.2021 13:30:16

Lowest Band Edge / Full RB



Date: 22.MAY.2021 13:26:42

Highest Band Edge / Full RB

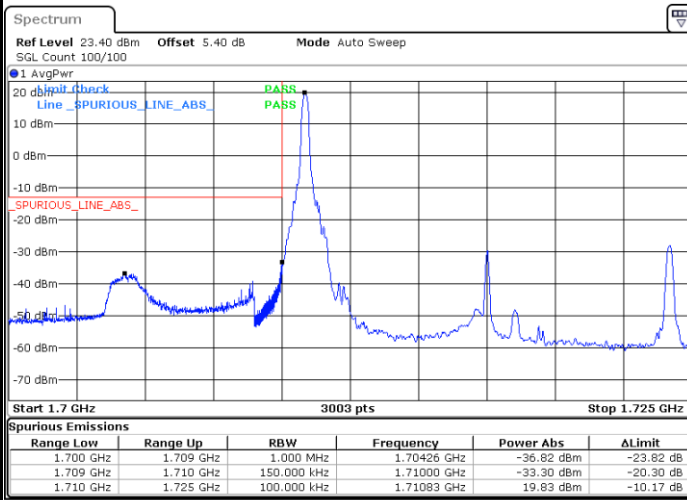


Date: 22.MAY.2021 13:29:15



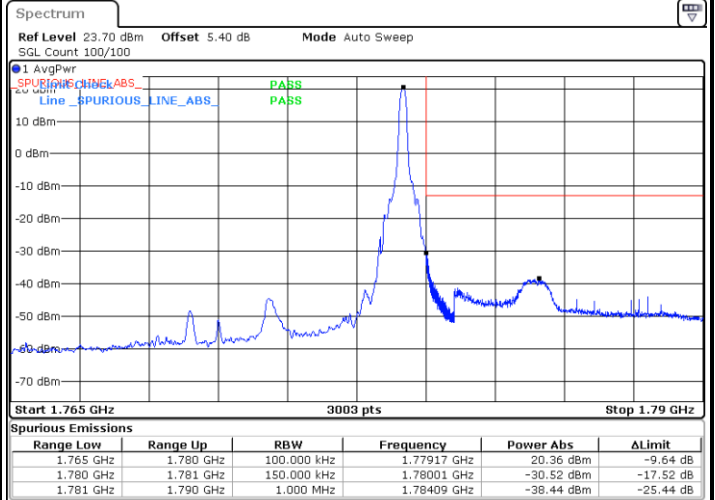
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



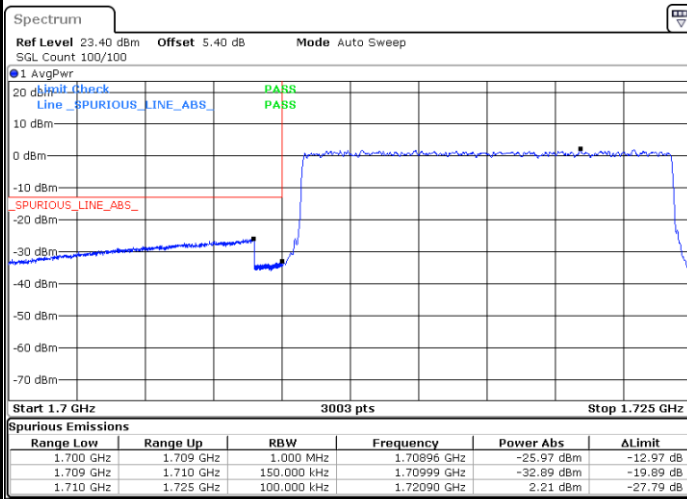
Date: 22.MAY.2021 13:27:52

Highest Band Edge / 1 RB



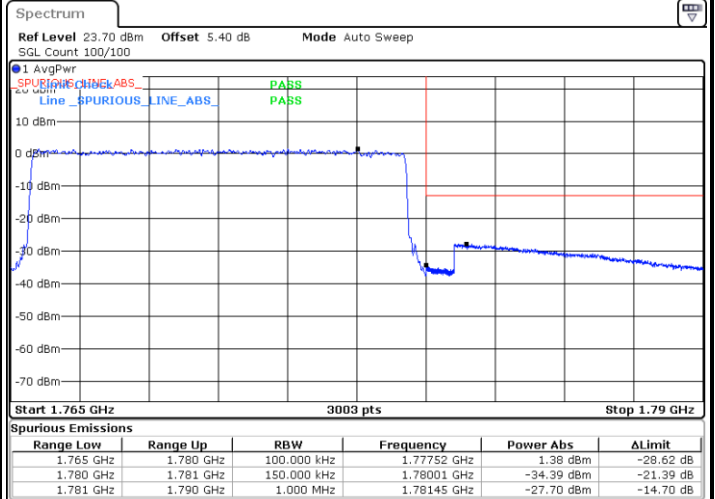
Date: 22.MAY.2021 13:29:58

Lowest Band Edge / Full RB



Date: 22.MAY.2021 13:27:35

Highest Band Edge / Full RB

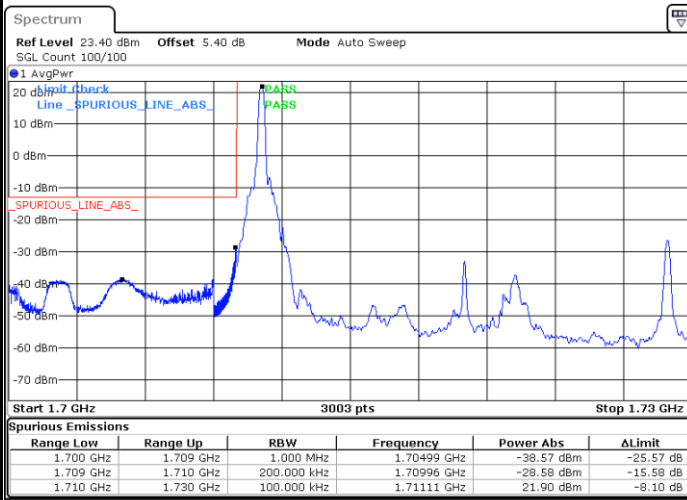


Date: 22.MAY.2021 13:29:32



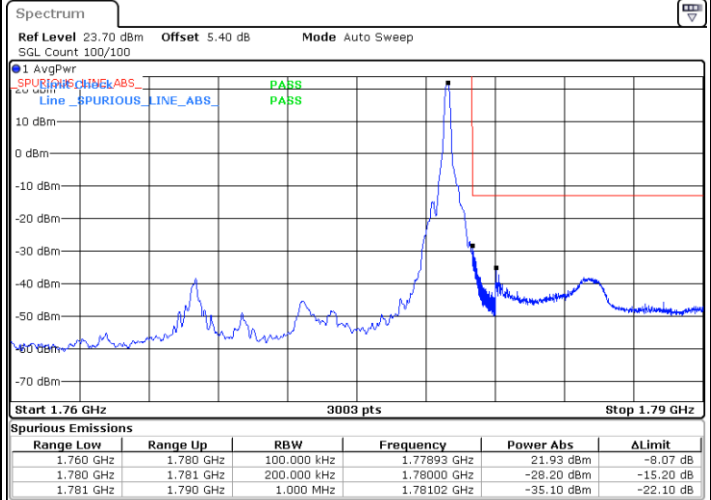
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



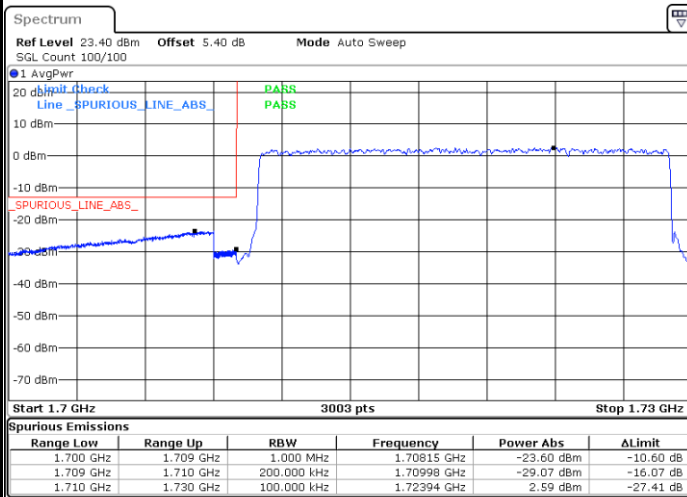
Date: 22.MAY.2021 13:36:01

Highest Band Edge / 1 RB



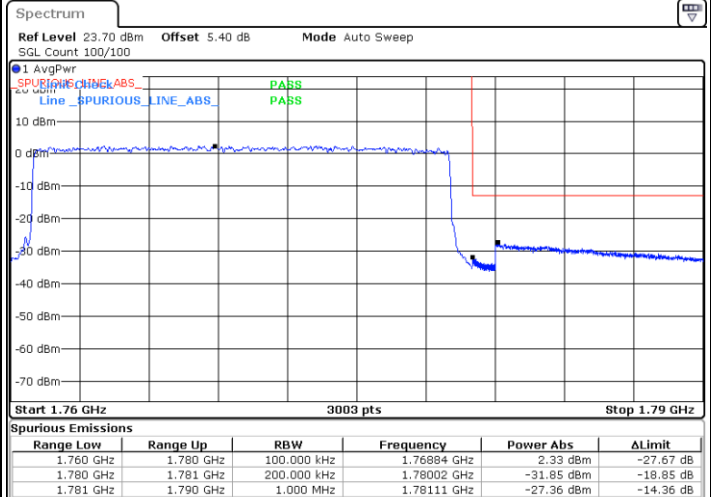
Date: 22.MAY.2021 13:38:12

Lowest Band Edge / Full RB



Date: 22.MAY.2021 13:34:16

Highest Band Edge / Full RB

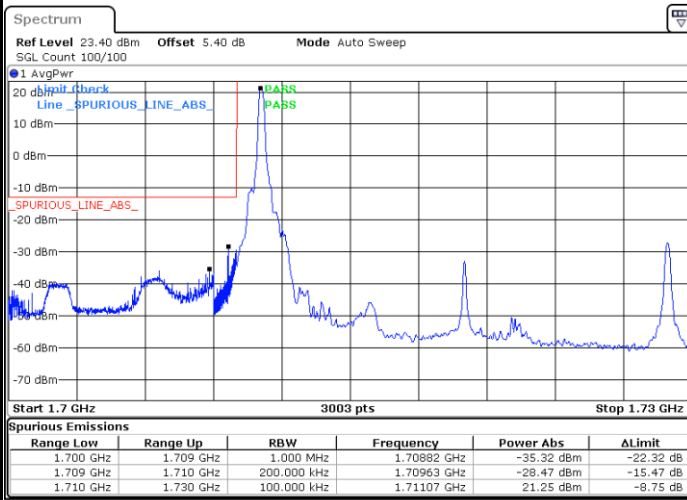


Date: 22.MAY.2021 13:36:39



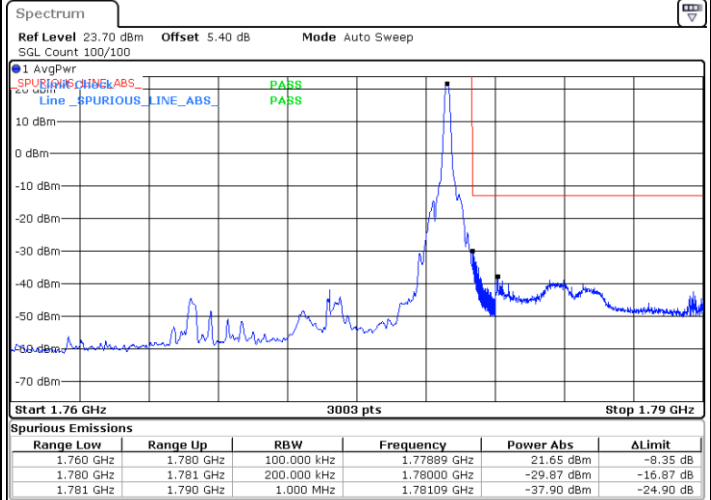
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



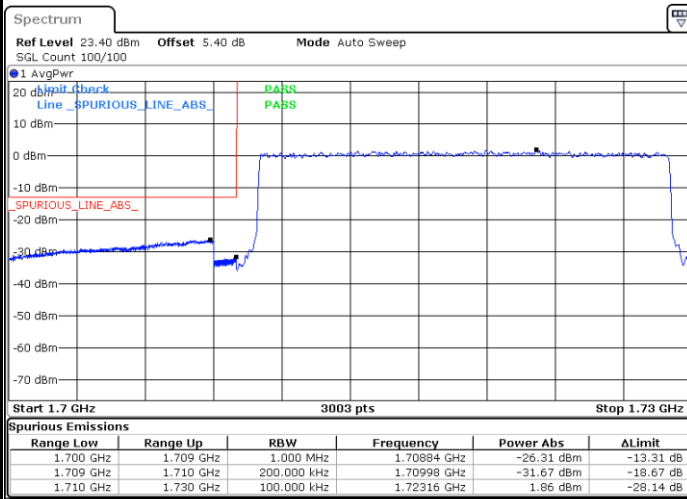
Date: 22.MAY.2021 13:35:46

Highest Band Edge / 1 RB



Date: 22.MAY.2021 13:37:50

Lowest Band Edge / Full RB



Date: 22.MAY.2021 13:34:40

Highest Band Edge / Full RB

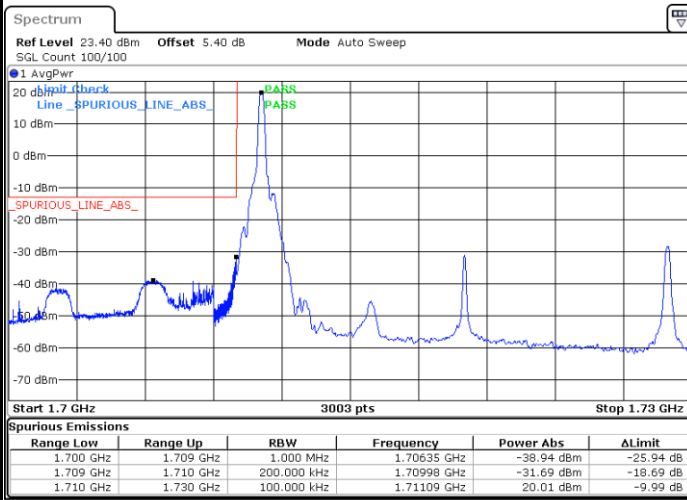


Date: 22.MAY.2021 13:36:56



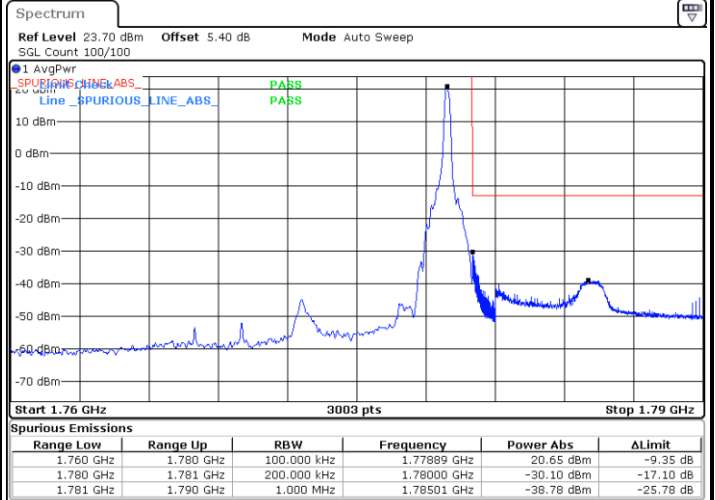
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



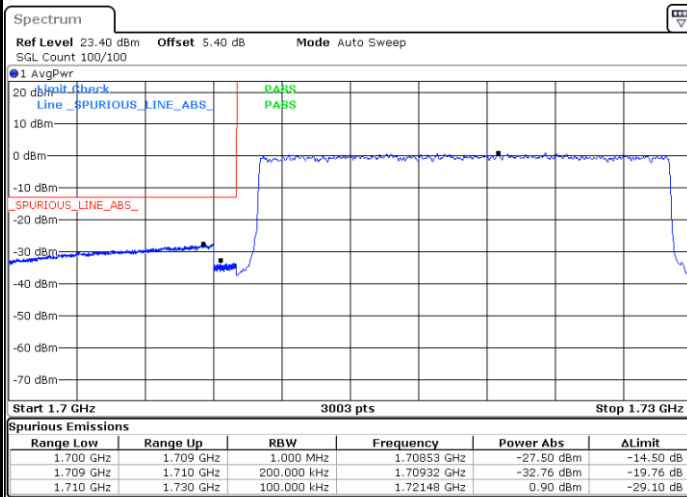
Date: 22.MAY.2021 13:35:30

Highest Band Edge / 1 RB



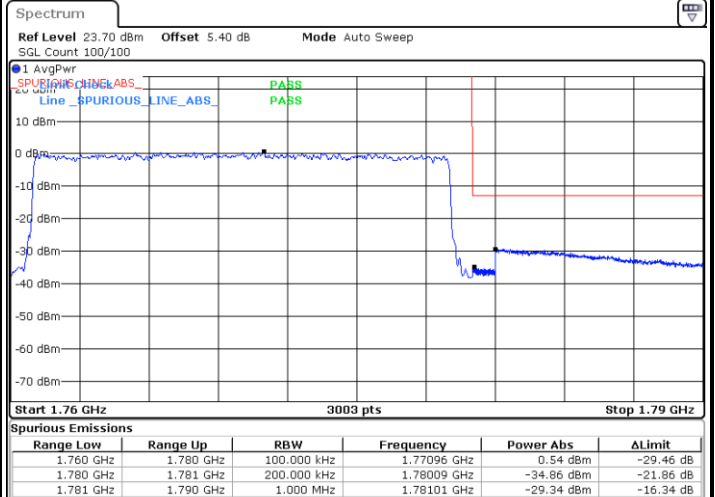
Date: 22.MAY.2021 13:37:35

Lowest Band Edge / Full RB



Date: 22.MAY.2021 13:35:11

Highest Band Edge / Full RB



Date: 22.MAY.2021 13:37:11



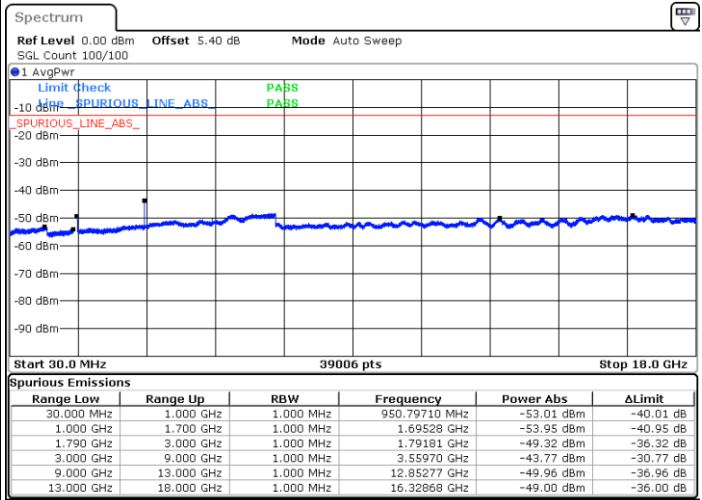
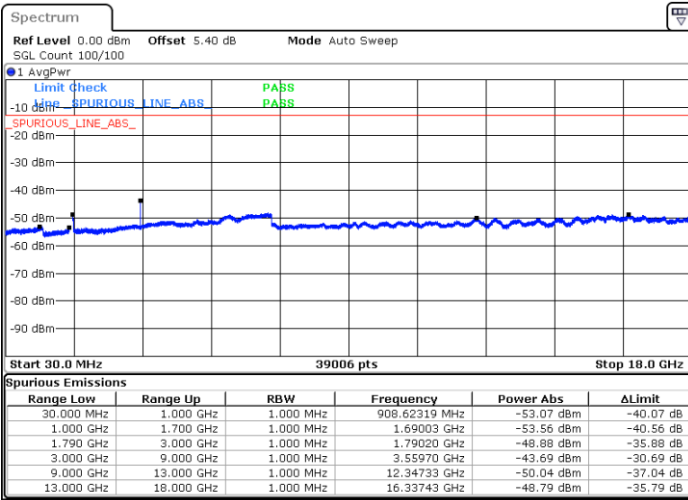
Conducted Spurious Emission



LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

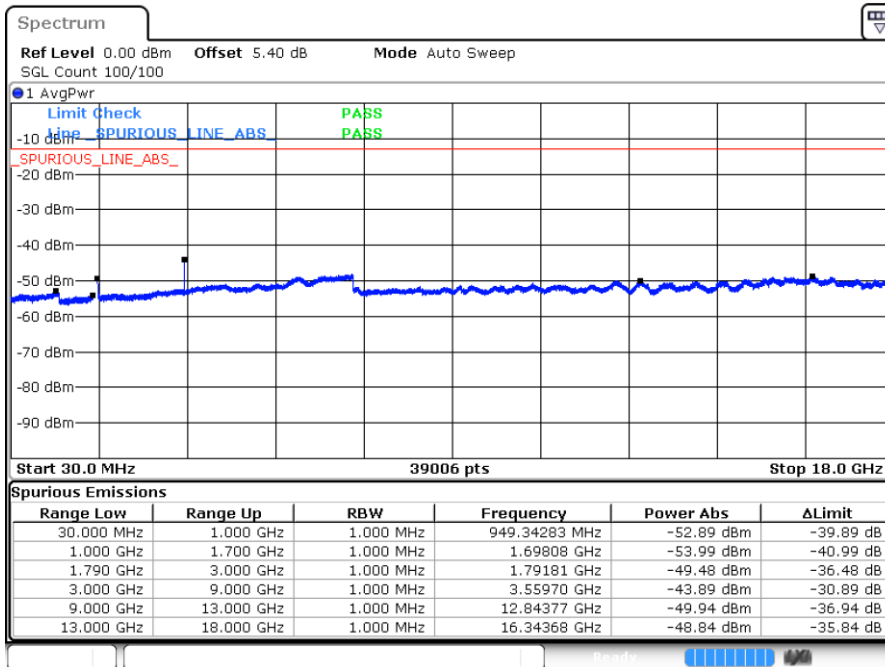
Middle Channel / QPSK



Date: 22.MAY.2021 12:06:17

Date: 22.MAY.2021 12:04:48

Highest Channel / QPSK



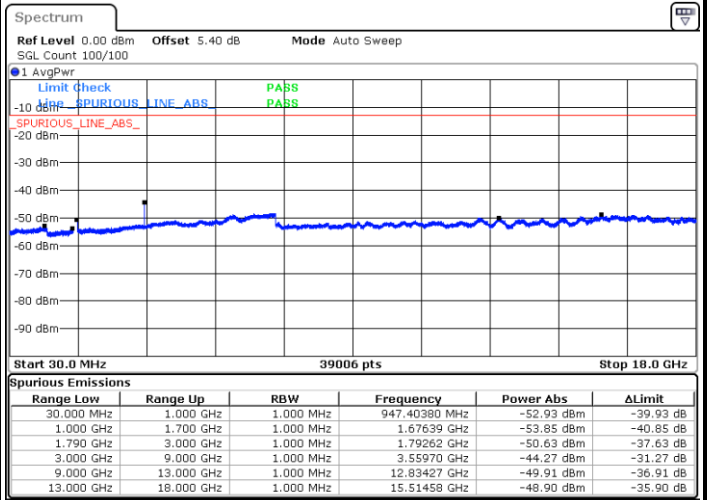
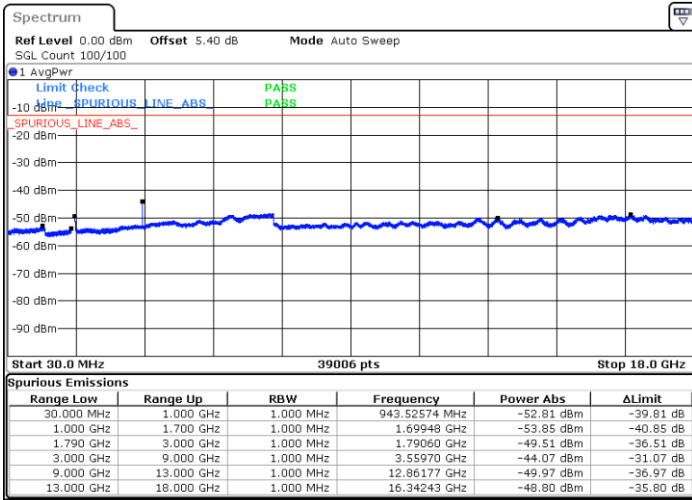
Date: 22.MAY.2021 12:04:13



LTE Band 66 / 3MHz

Lowest Channel / QPSK

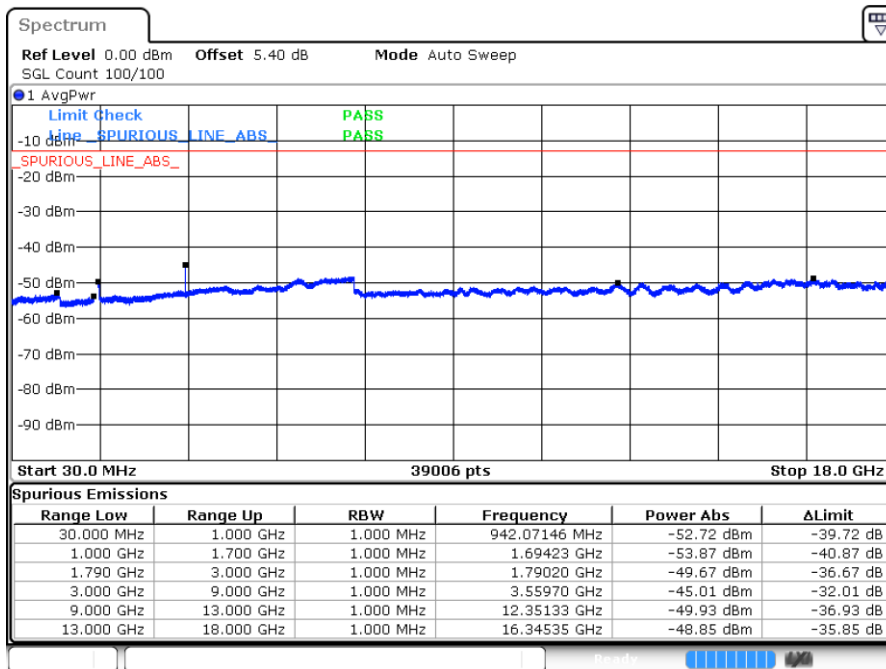
Middle Channel / QPSK



Date: 22.MAY.2021 12:34:56

Date: 22.MAY.2021 12:34:07

Highest Channel / QPSK

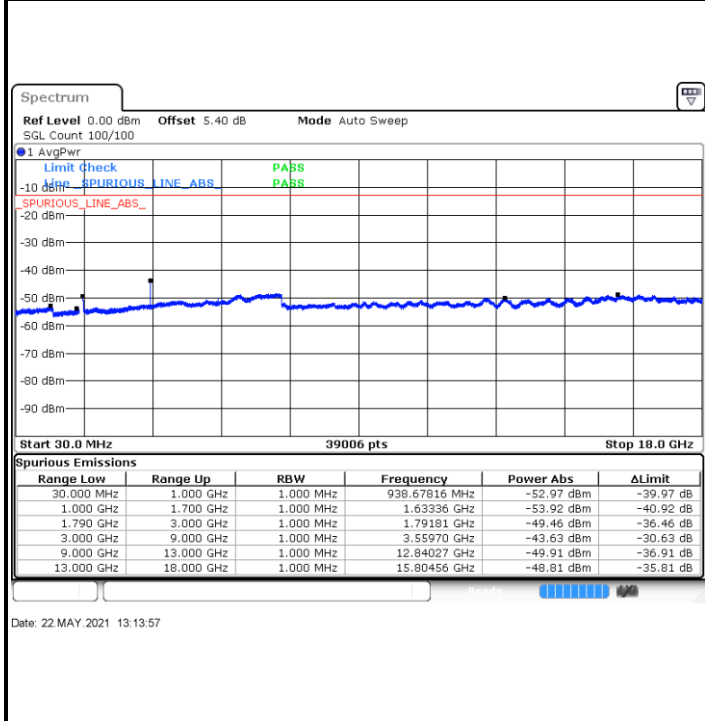


Date: 22.MAY.2021 12:33:24

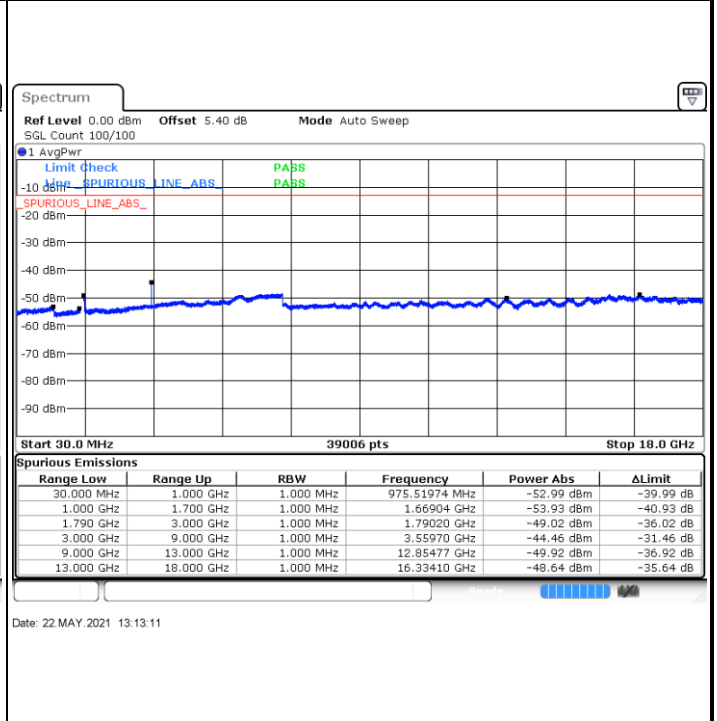


LTE Band 66 / 5MHz

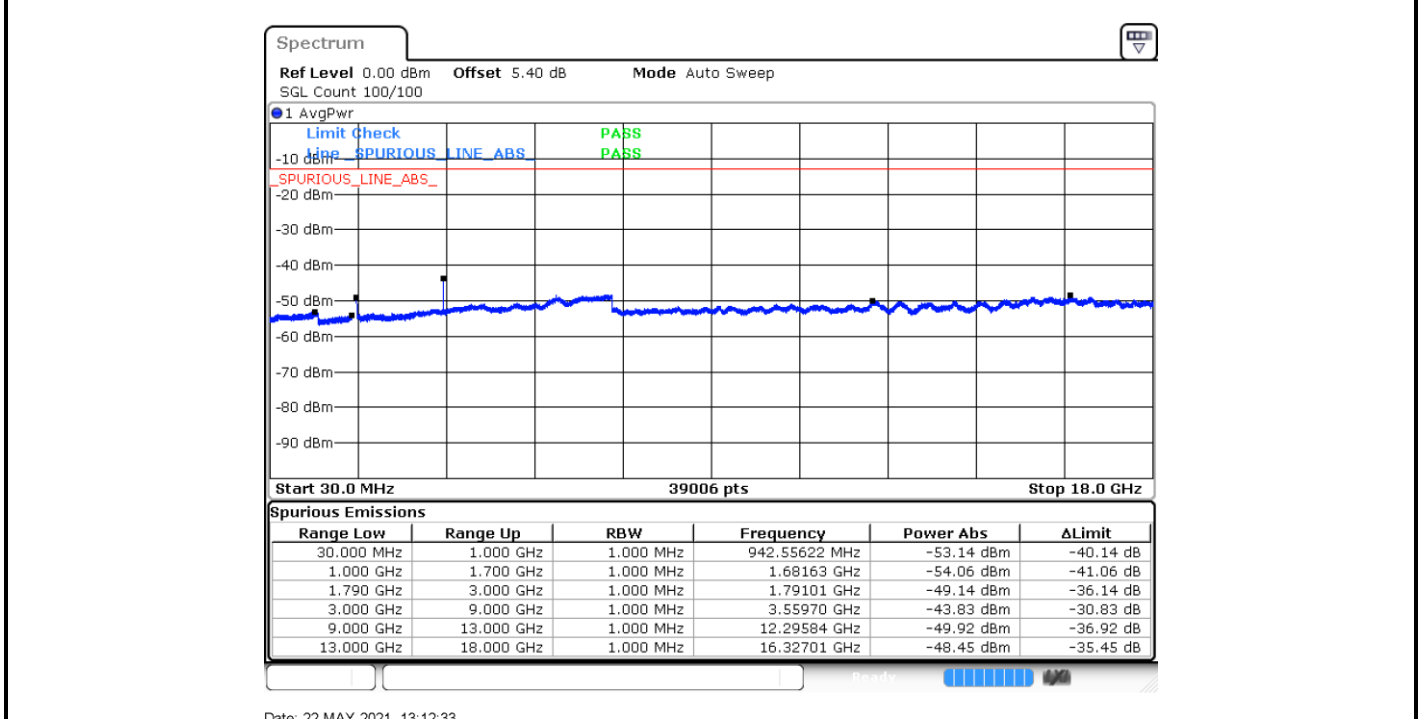
Lowest Channel / QPSK



Middle Channel / QPSK



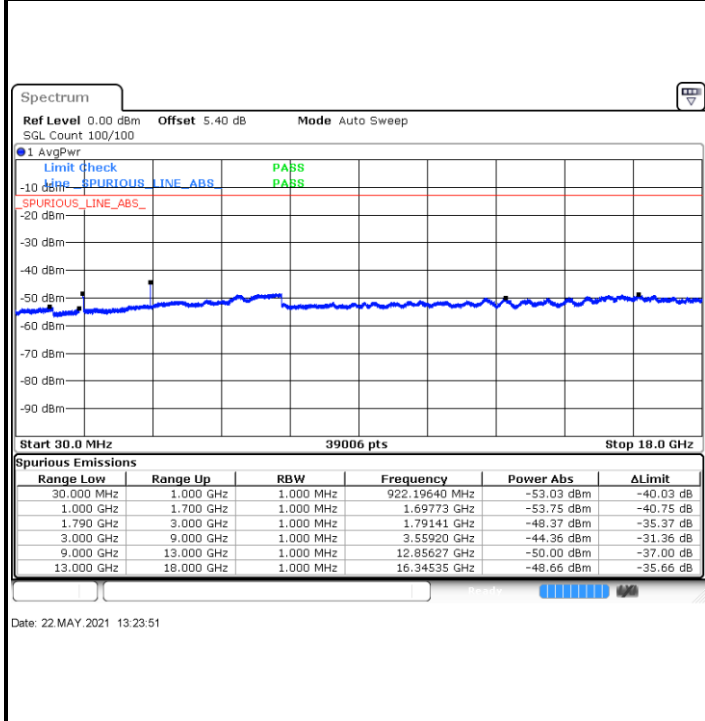
Highest Channel / QPSK



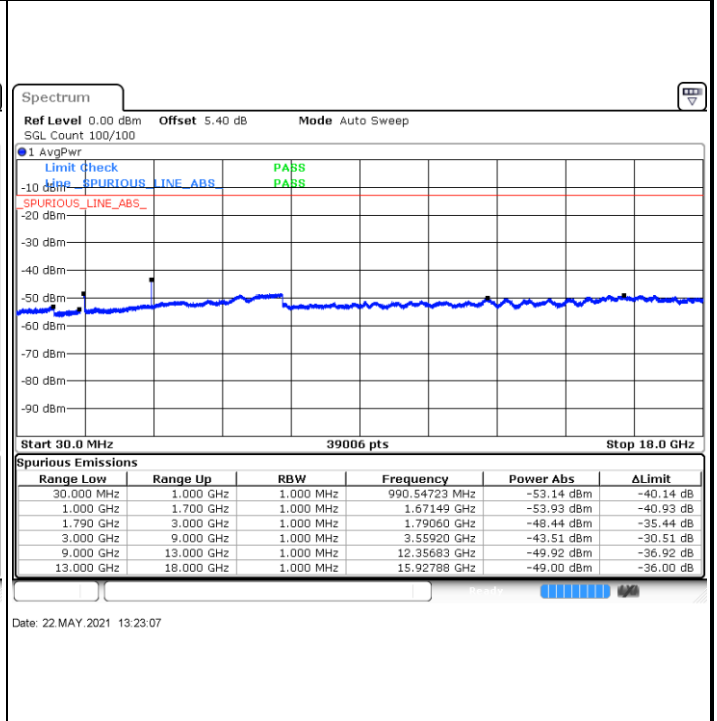


LTE Band 66 / 10MHz

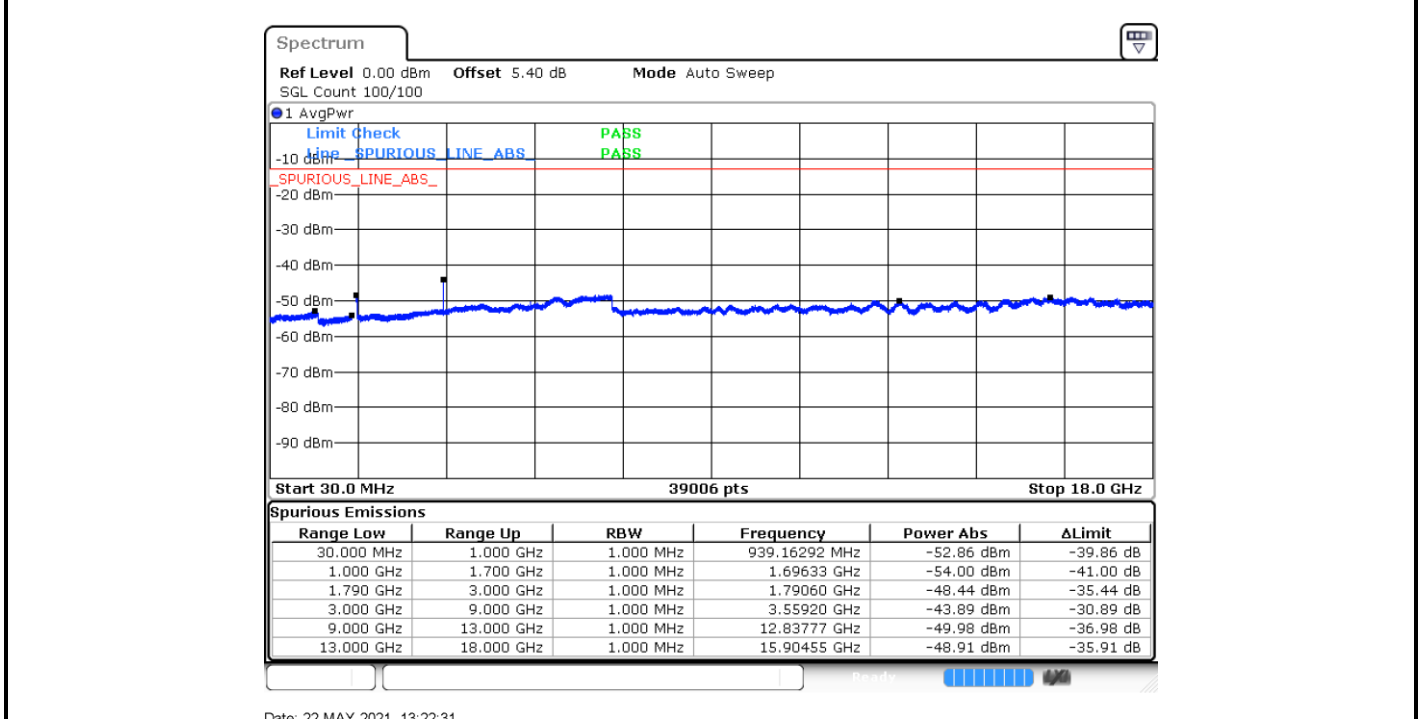
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

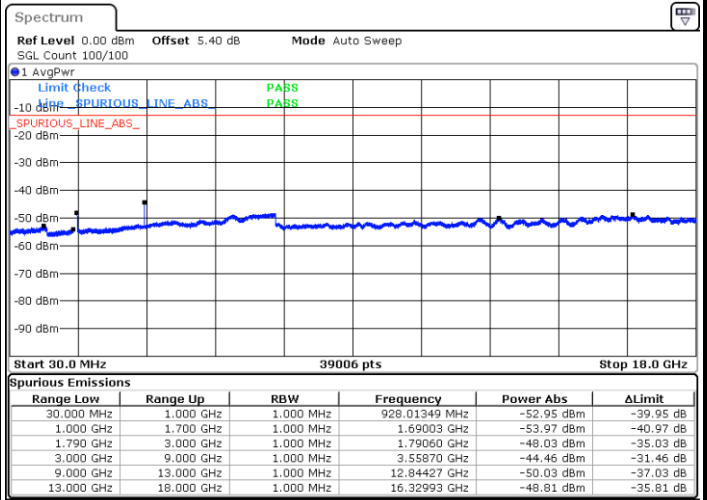
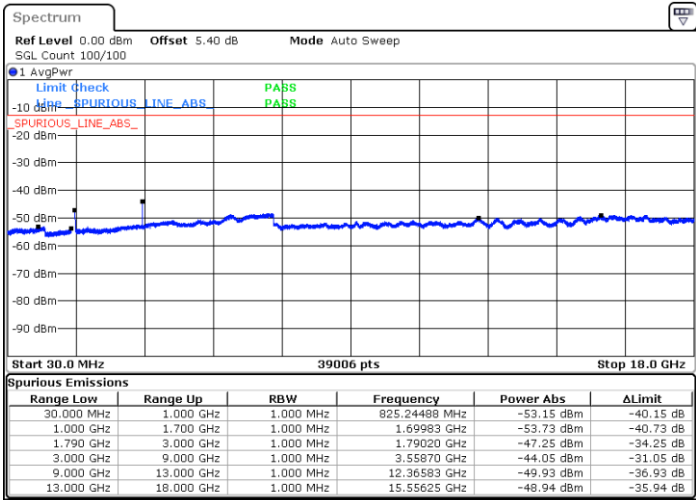




LTE Band 66 / 15MHz

Lowest Channel / QPSK

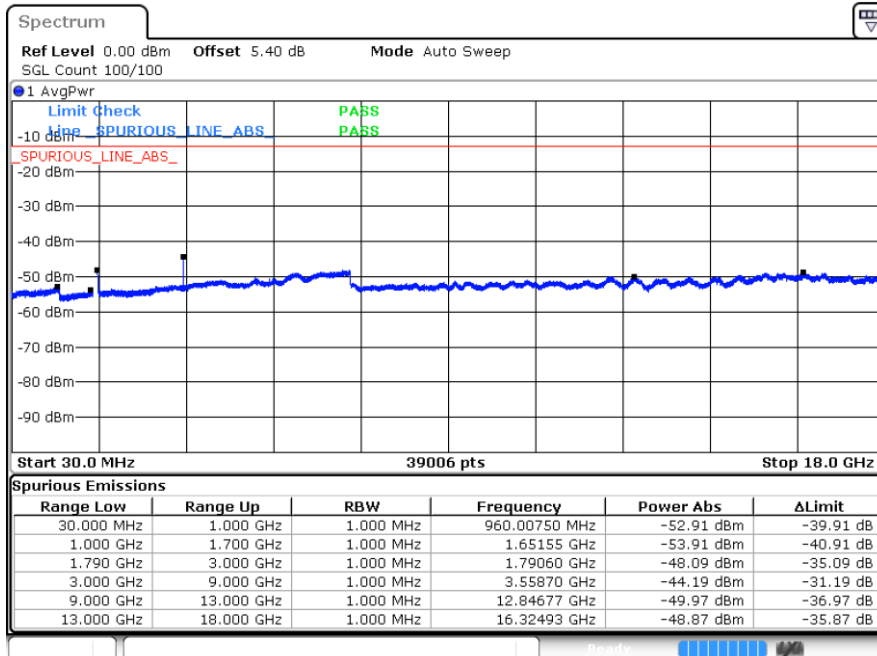
Middle Channel / QPSK



Date: 22.MAY.2021 13:32:35

Date: 22.MAY.2021 13:31:56

Highest Channel / QPSK

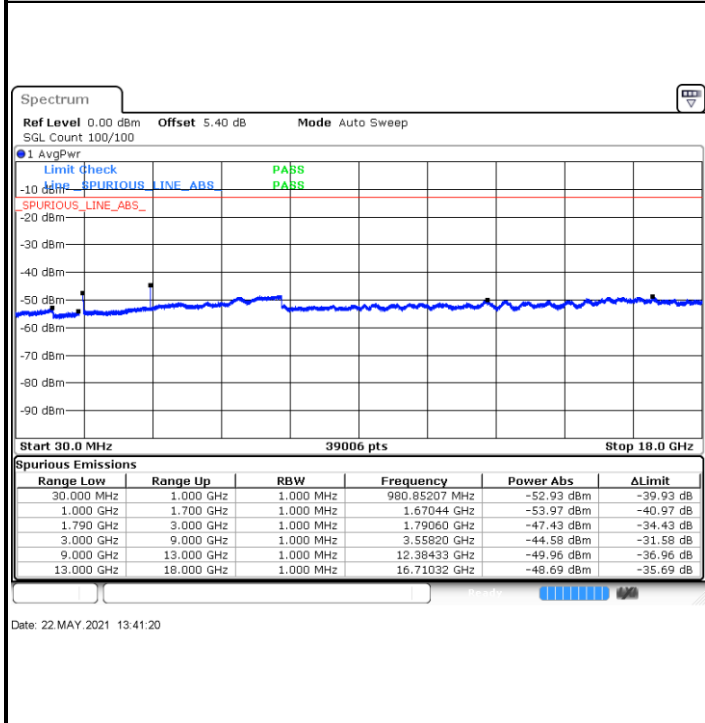


Date: 22.MAY.2021 13:31:22

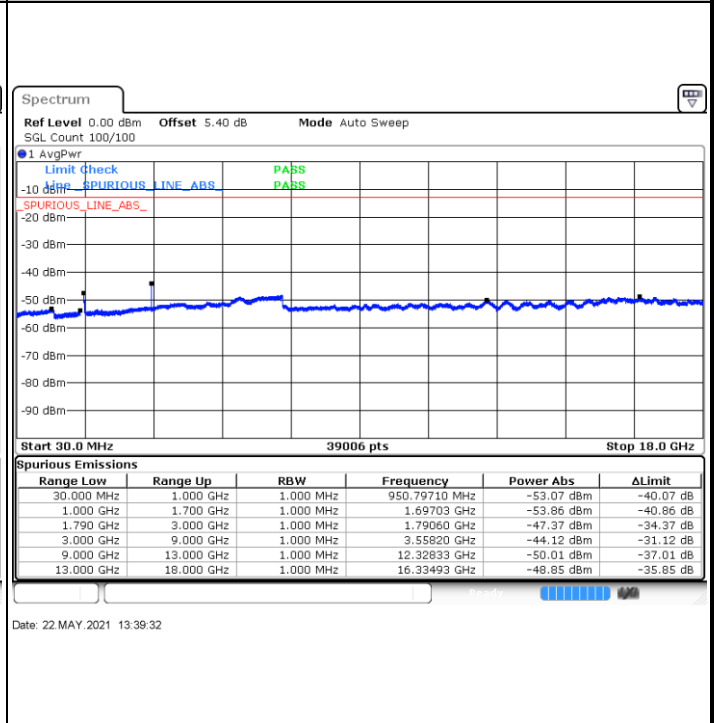


LTE Band 66 / 20MHz

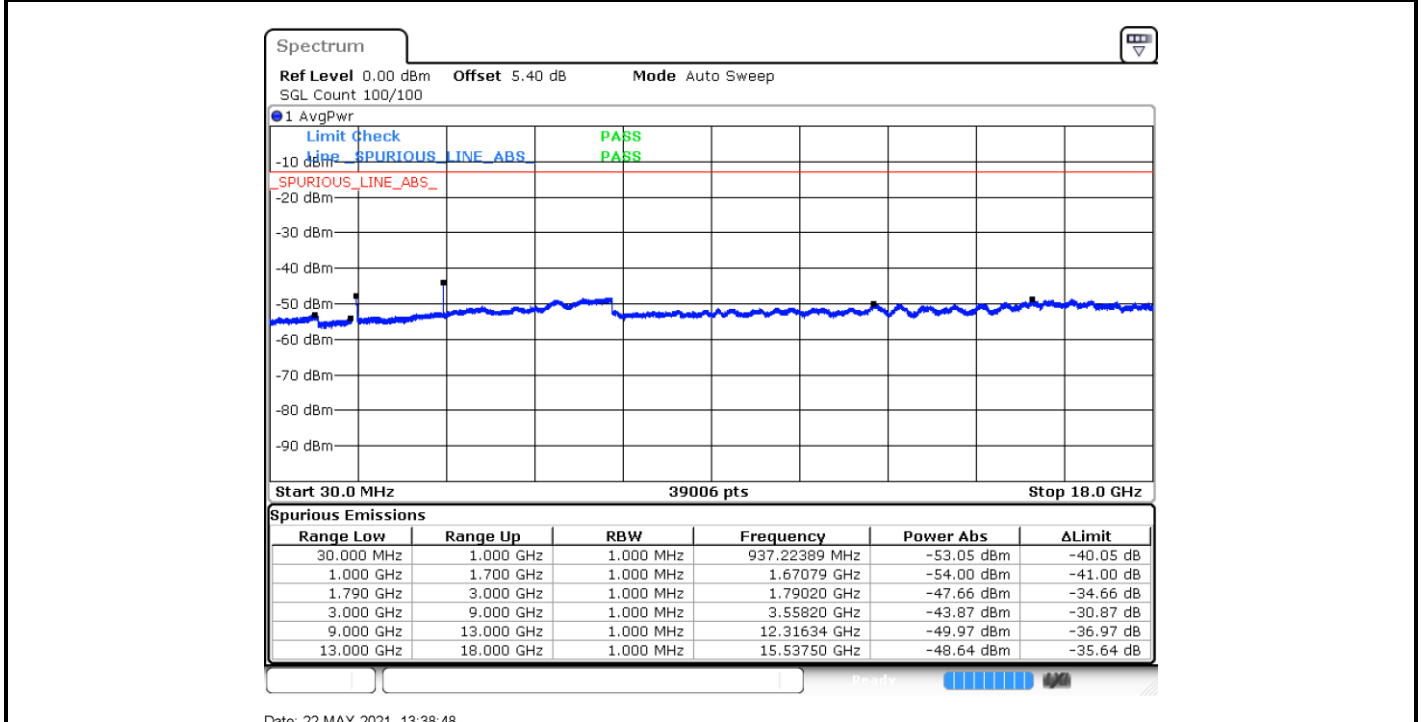
Lowest Channel / QPSK



Middle Channel / QPSK



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 7.74 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

ANT.2:

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	-56.46	-13	-43.46	-68.72	2.64	14.90	H
	5613	-47.00	-13	-34.00	-58.86	2.94	14.80	H
	7488	-53.41	-13	-40.41	-63.18	3.39	13.16	H
	3744	-55.82	-13	-42.82	-68.08	2.64	14.90	V
	5613	-52.67	-13	-39.67	-64.53	2.94	14.80	V
	7488	-52.72	-13	-39.72	-62.49	3.39	13.16	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	3492	-56.10	-13	-43.10	-66.84	2.604	13.34	H
	5238	-53.07	-13	-40.07	-63.58	3.011	13.52	H
	6984	-54.05	-13	-41.05	-64.25	3.271	13.47	H
	3492	-57.25	-13	-44.25	-67.99	2.604	13.34	V
	5238	-52.97	-13	-39.97	-63.48	3.011	13.52	V
	6984	-54.13	-13	-41.13	-64.33	3.271	13.47	V

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

ANT.1:

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	-62.19	-13	-49.19	-69.16	1.58	10.70	H
	2110	-61.51	-13	-48.51	-69.76	2.102	12.50	H
	2812	-59.19	-13	-46.19	-68.08	2.856	13.90	H
	1406	-65.13	-13	-52.13	-72.10	1.58	10.70	V
	2110	-60.83	-13	-47.83	-69.08	2.10	12.50	V
	2812	-59.22	-13	-46.22	-68.11	2.86	13.90	V

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



LTE Band 13 / 5MHz / 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	1560	-65.24	-42.15	-23.09	-67.87	1.09	5.87	H
	2340	-60.45	-13	-47.45	-62.85	1.37	5.92	H
	3120	-59.29	-13	-46.29	-63.18	1.64	7.68	H
	1560	-64.58	-42.15	-22.43	-67.21	1.09	5.87	V
	2340	-59.97	-13	-46.97	-62.37	1.37	5.92	V
	3120	-59.21	-13	-46.21	-63.10	1.64	7.68	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	-65.62	-13	-52.62	-68.25	1.09	5.87	H
	2332	-55.94	-13	-42.94	-58.34	1.37	5.92	H
	3108	-58.72	-13	-45.72	-62.61	1.64	7.68	H
	1556	-64.95	-13	-51.95	-67.58	1.09	5.87	V
	2332	-58.92	-13	-45.92	-61.32	1.37	5.92	V
	3108	-58.99	-13	-45.99	-62.88	1.64	7.68	V

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

LTE Band 26 / 15MHz / 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	1660	-61.77	-13	-48.77	-68.74	1.58	10.70	H
	2490	-58.28	-13	-45.28	-66.53	2.10	12.50	H
	3318	-59.09	-13	-46.09	-67.98	2.86	13.90	H
	1660	-64.00	-13	-51.00	-70.97	1.58	10.70	V
	2490	-56.52	-13	-43.52	-64.77	2.10	12.50	V
	3318	-60.30	-13	-47.30	-69.19	2.86	13.90	V

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