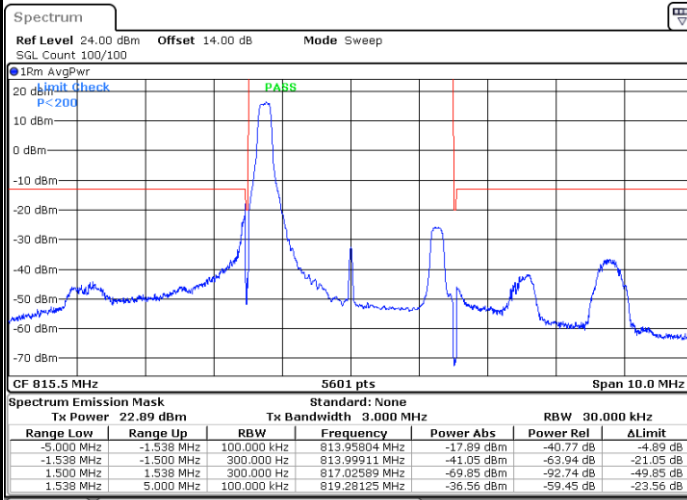




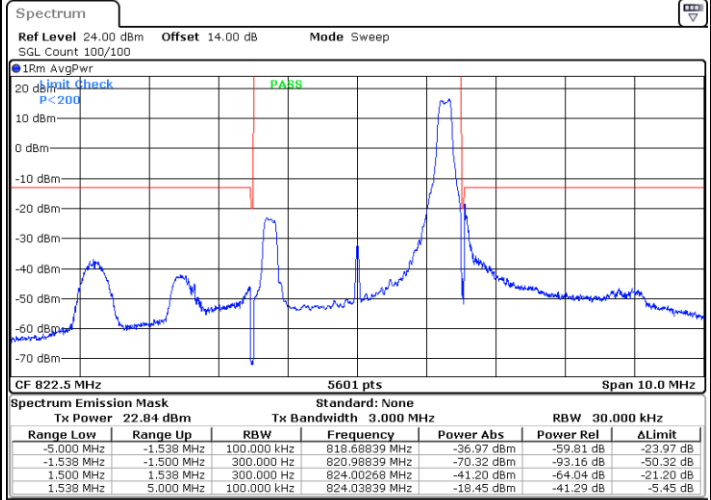
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



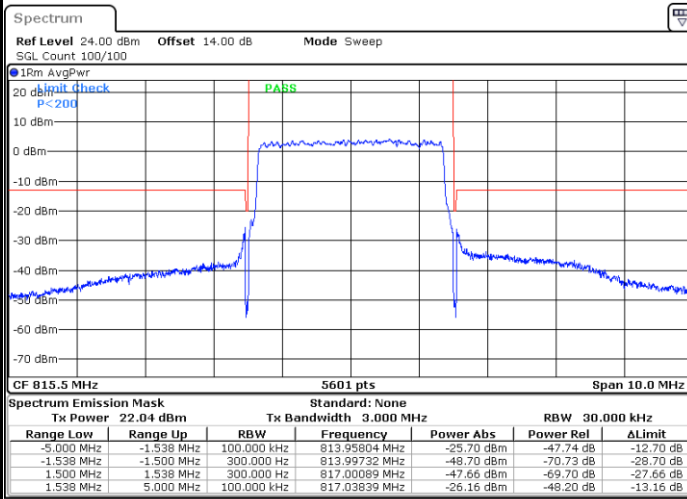
Date: 23.NOV.2020 16:14:33

Highest Band Edge / 1 RB



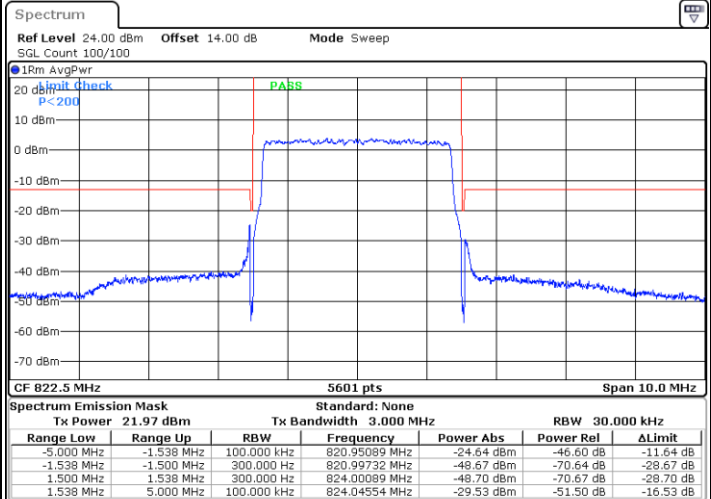
Date: 23.NOV.2020 16:56:15

Lowest Band Edge / Full RB



Date: 23.NOV.2020 16:05:15

Highest Band Edge / Full RB

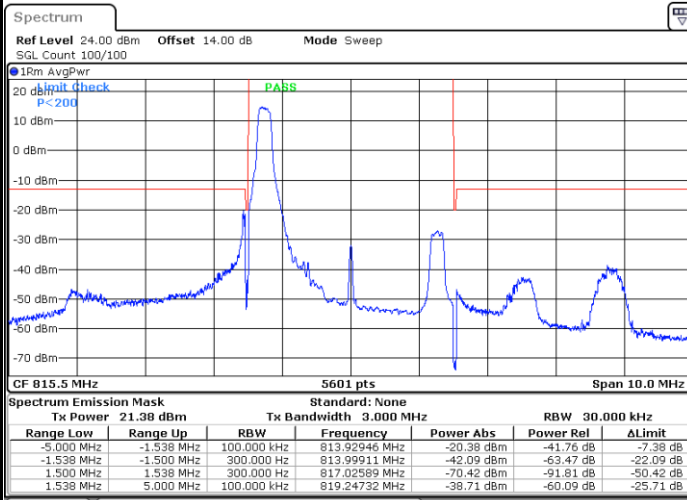


Date: 23.NOV.2020 16:38:19



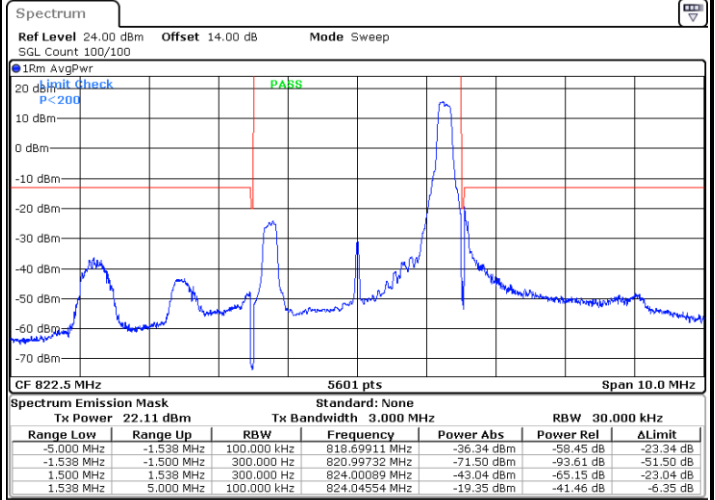
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



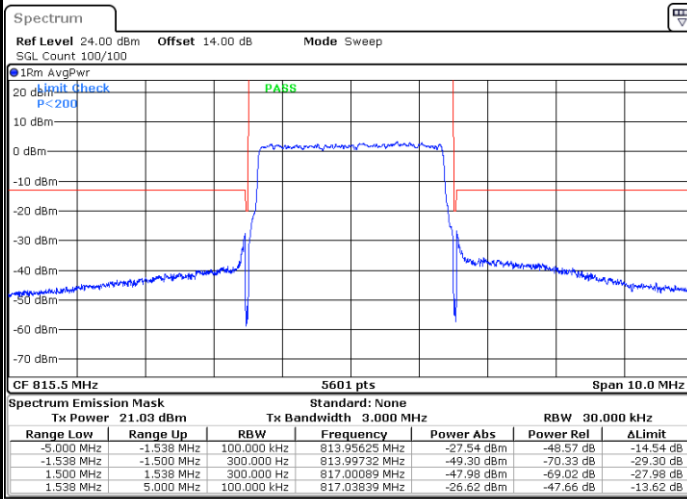
Date: 23.NOV.2020 16:11:57

Highest Band Edge / 1 RB



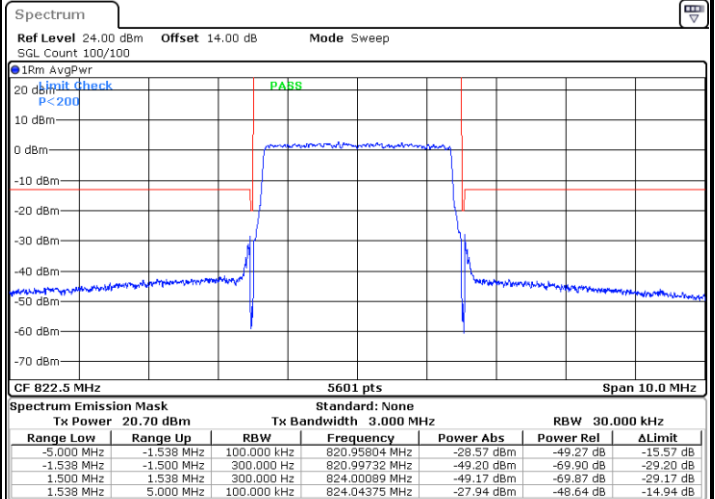
Date: 23.NOV.2020 16:56:48

Lowest Band Edge / Full RB



Date: 23.NOV.2020 16:06:37

Highest Band Edge / Full RB

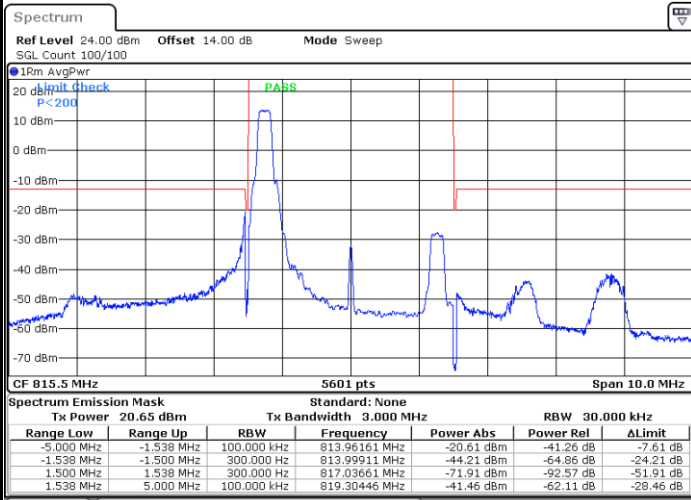


Date: 23.NOV.2020 16:39:58



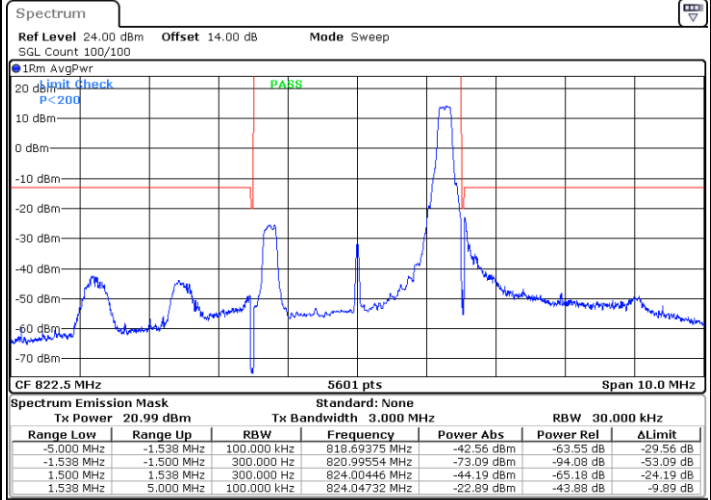
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



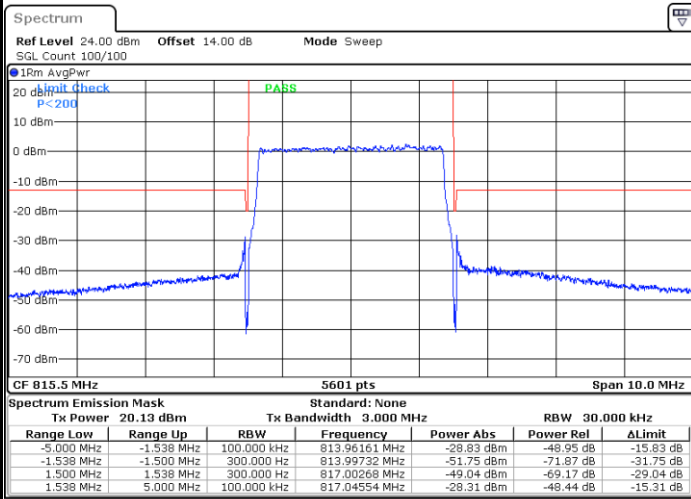
Date: 23.NOV.2020 16:11:24

Highest Band Edge / 1 RB



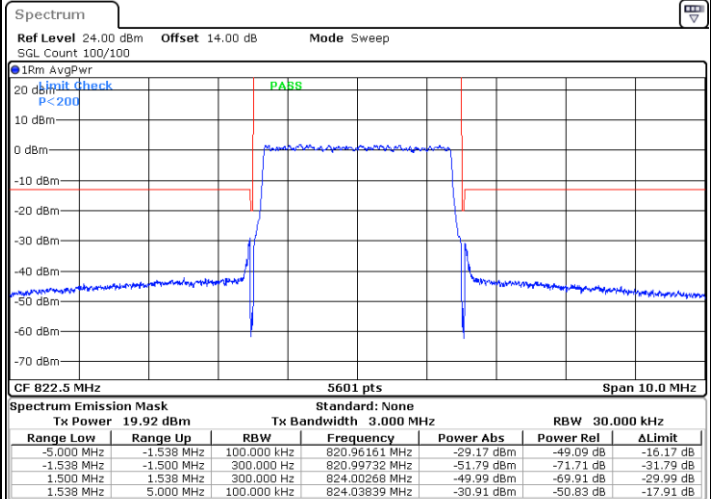
Date: 23.NOV.2020 16:57:13

Lowest Band Edge / Full RB



Date: 23.NOV.2020 16:09:00

Highest Band Edge / Full RB

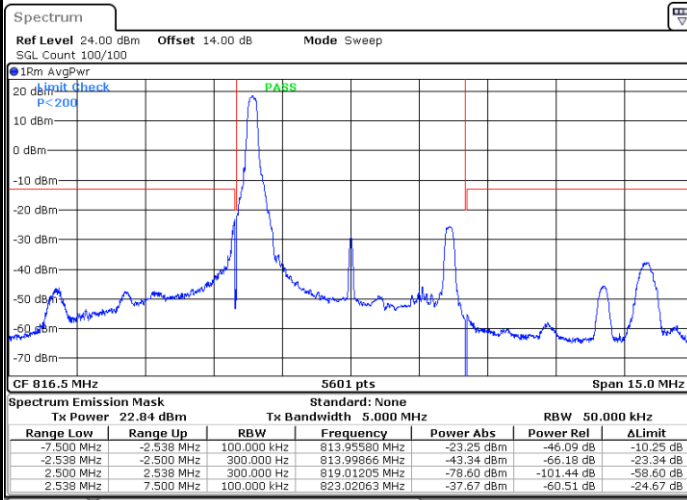


Date: 23.NOV.2020 16:40:50



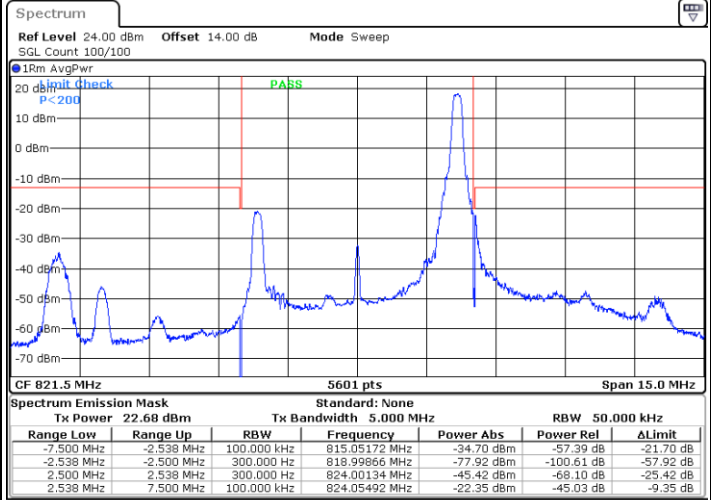
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



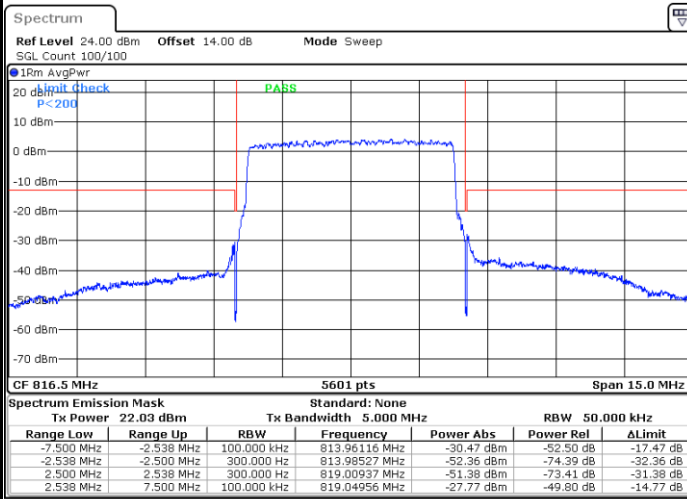
Date: 23.NOV.2020 17:07:11

Highest Band Edge / 1 RB



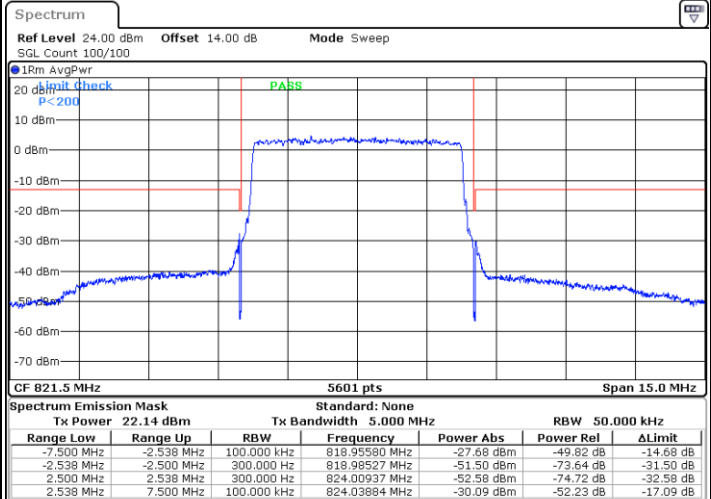
Date: 23.NOV.2020 17:24:22

Lowest Band Edge / Full RB



Date: 23.NOV.2020 16:59:49

Highest Band Edge / Full RB

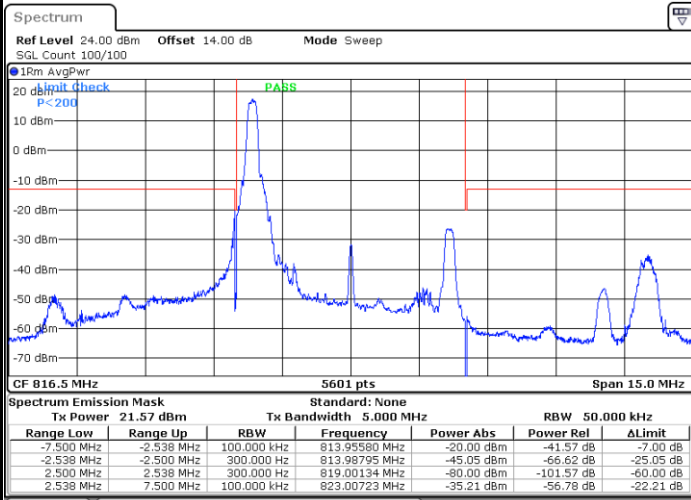


Date: 23.NOV.2020 17:12:48



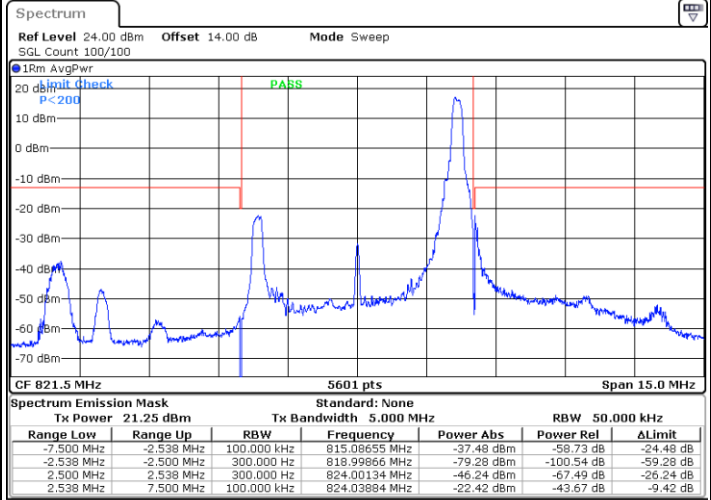
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



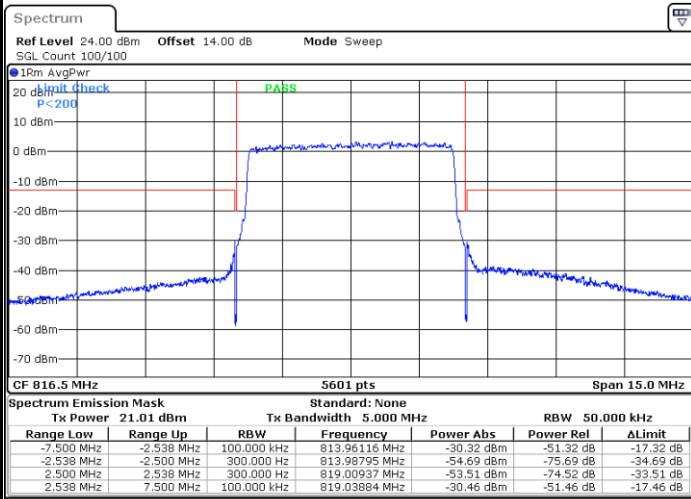
Date: 23.NOV.2020 17:05:32

Highest Band Edge / 1 RB



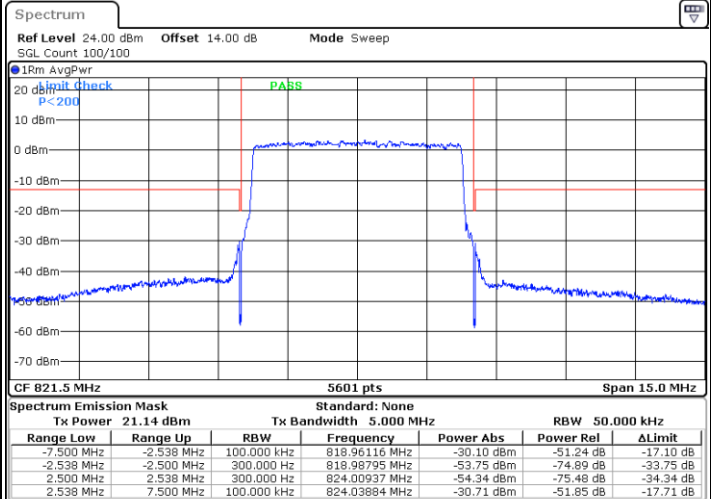
Date: 23.NOV.2020 17:24:46

Lowest Band Edge / Full RB



Date: 23.NOV.2020 17:00:45

Highest Band Edge / Full RB

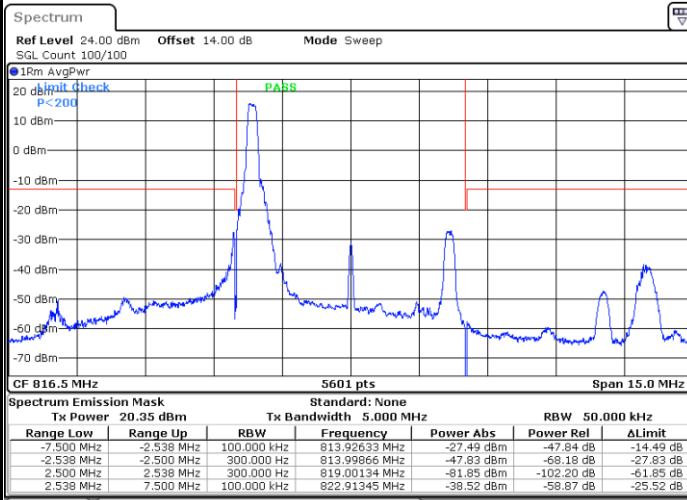


Date: 23.NOV.2020 17:13:41



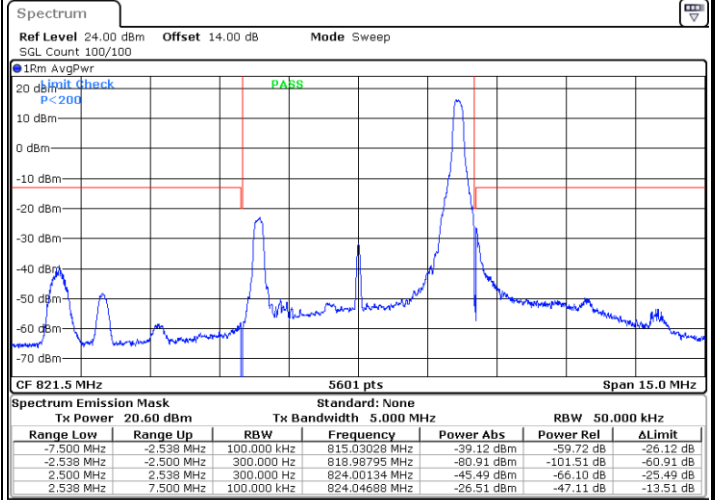
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



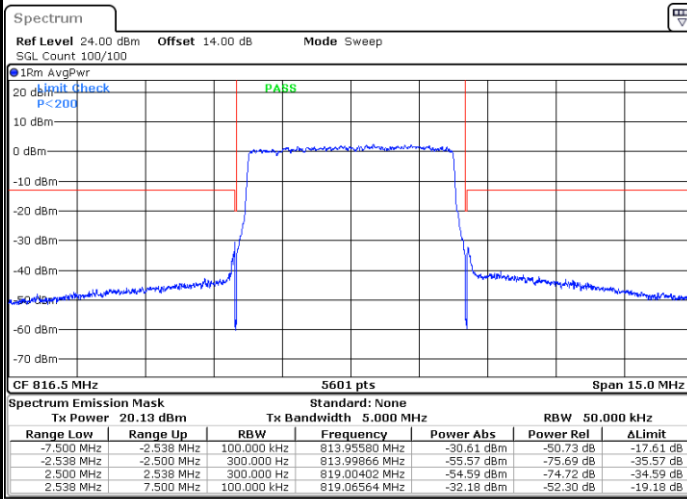
Date: 23.NOV.2020 17:03:05

Highest Band Edge / 1 RB



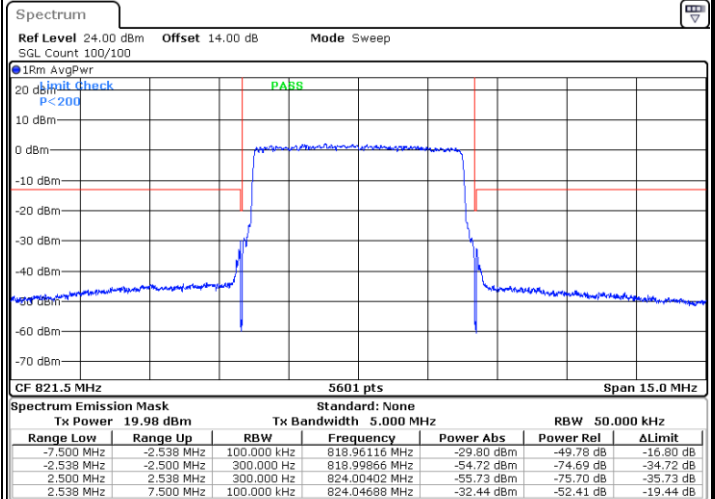
Date: 23.NOV.2020 17:25:15

Lowest Band Edge / Full RB



Date: 23.NOV.2020 17:02:37

Highest Band Edge / Full RB

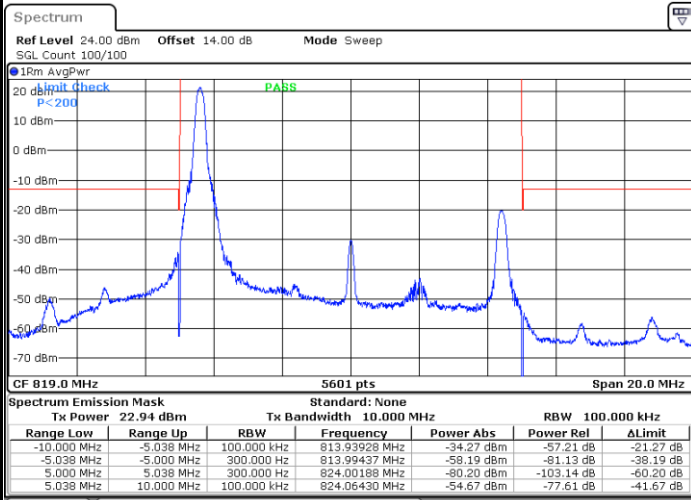


Date: 23.NOV.2020 17:14:41



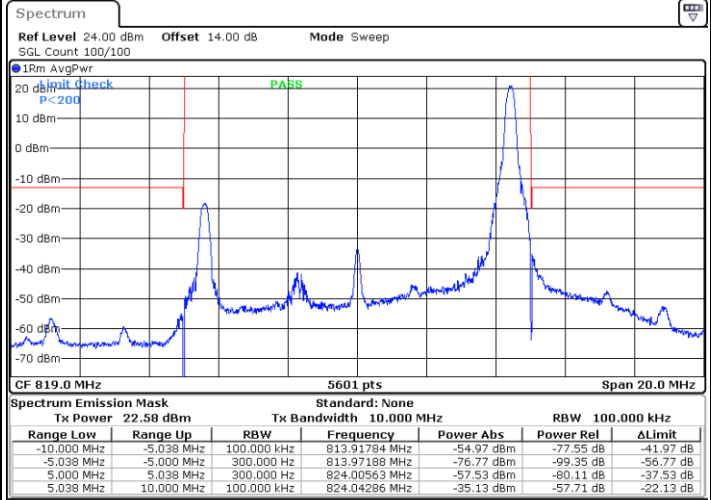
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



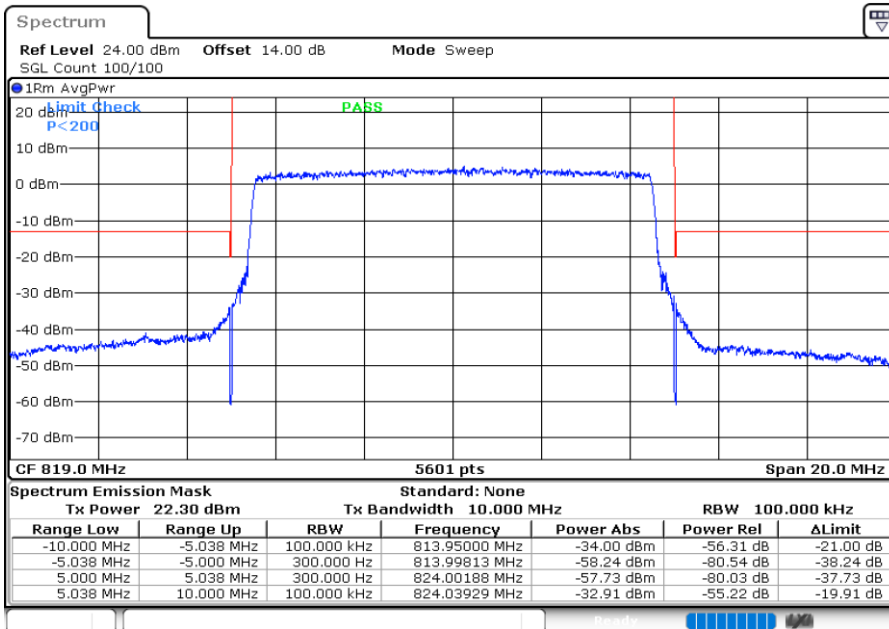
Date: 24.NOV.2020 09:11:49

Highest Band Edge / 1 RB



Date: 24.NOV.2020 09:16:57

Band Edge / Full RB

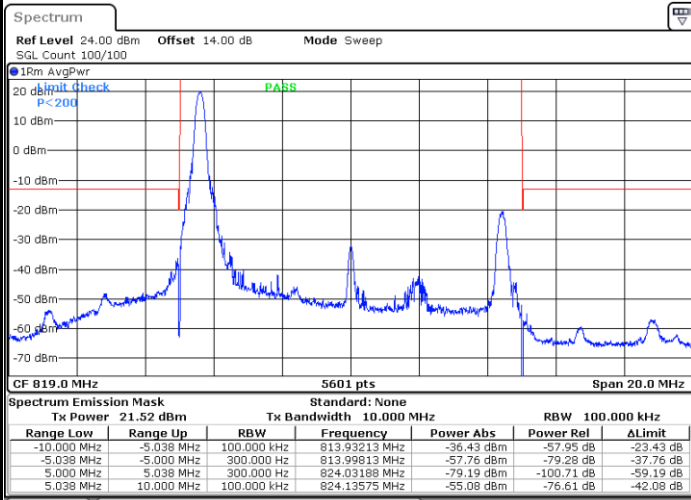


Date: 24.NOV.2020 09:03:21



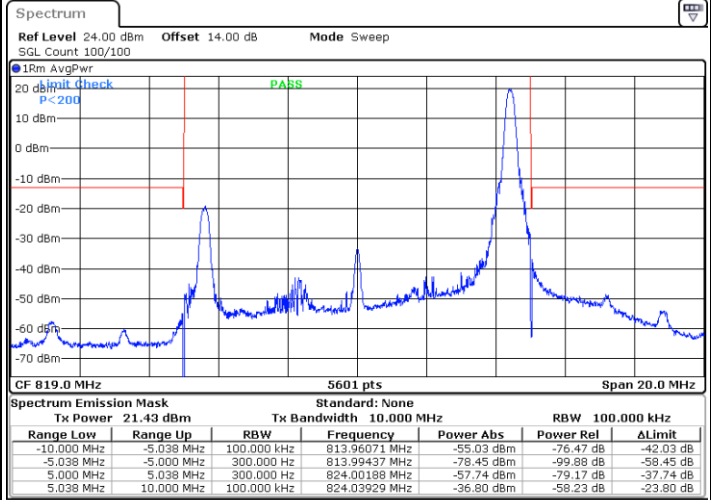
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



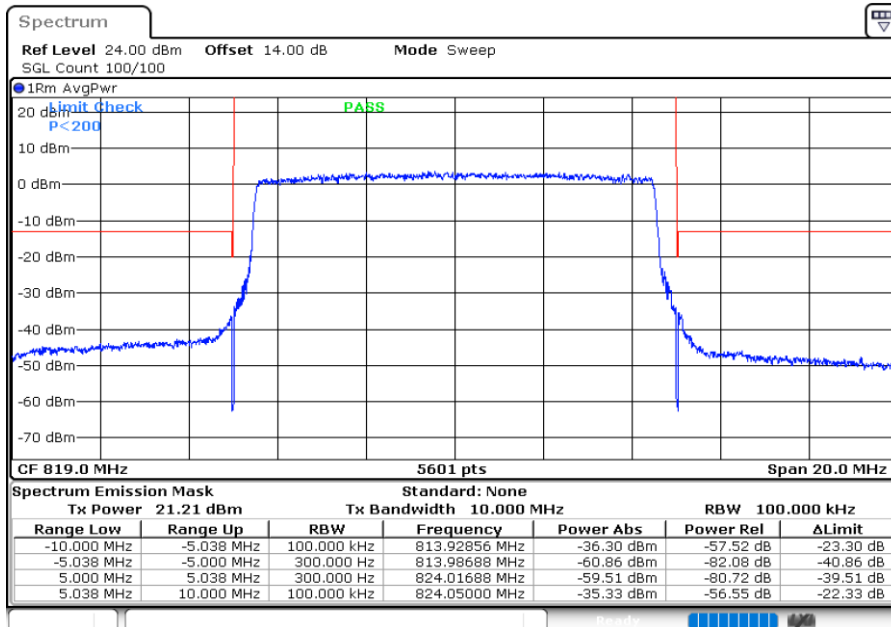
Date: 24.NOV.2020 09:09:22

Highest Band Edge / 1 RB



Date: 24.NOV.2020 09:17:43

Band Edge / Full RB

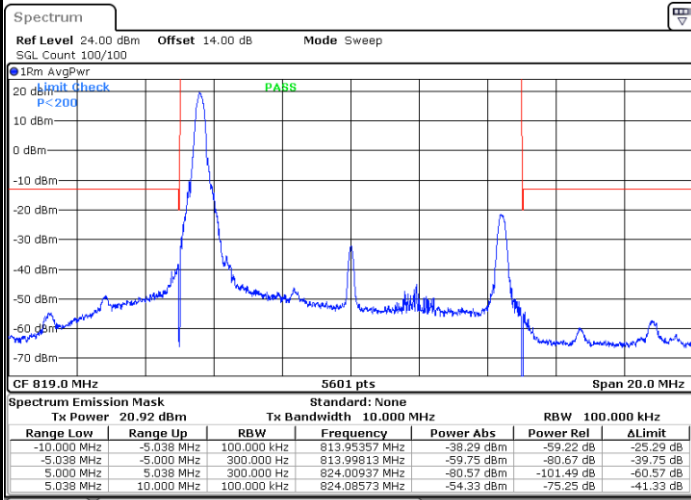


Date: 24.NOV.2020 09:05:21



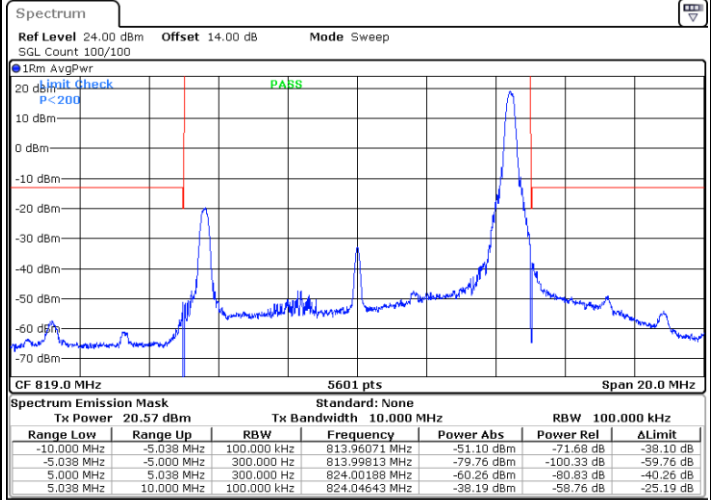
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



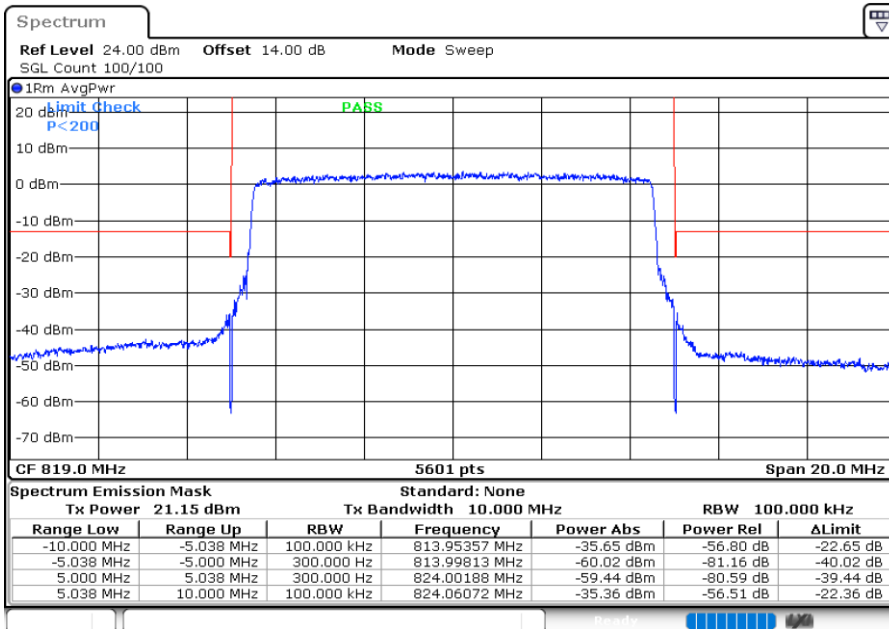
Date: 24.NOV.2020 09:07:18

Highest Band Edge / 1 RB



Date: 24.NOV.2020 09:18:22

Band Edge / Full RB

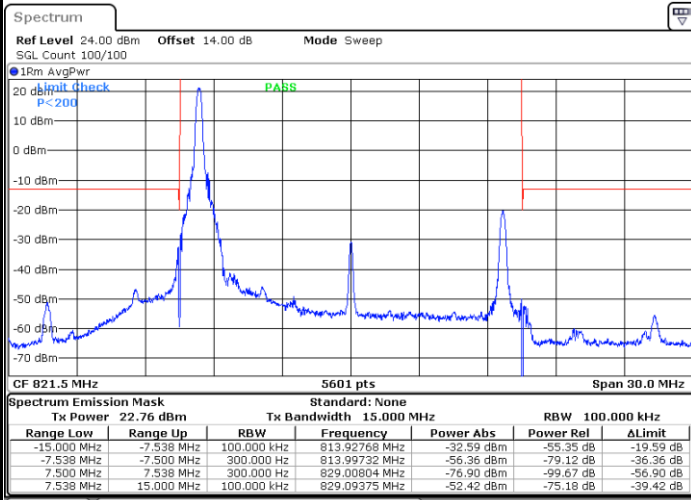


Date: 24.NOV.2020 09:06:10



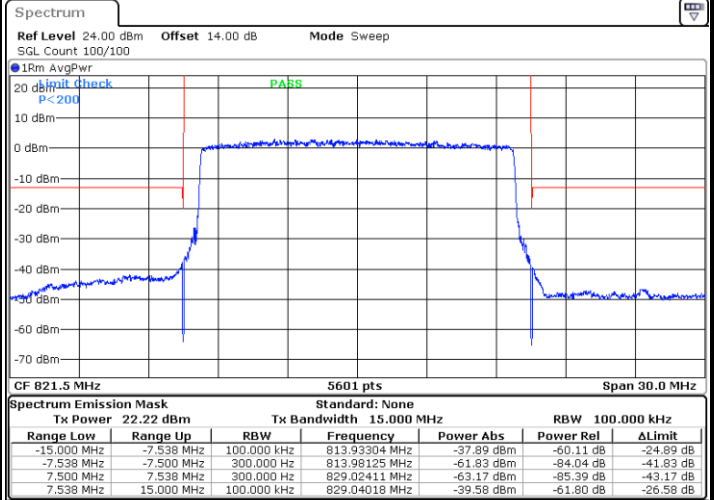
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 24.NOV.2020 09:35:13

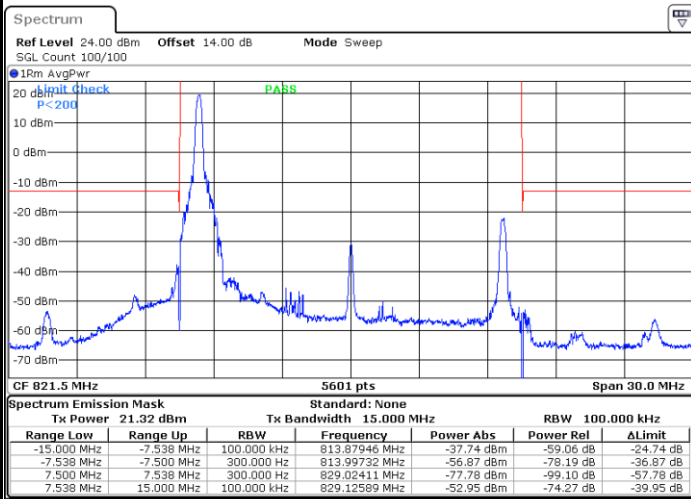
Lowest Band Edge / Full RB



Date: 24.NOV.2020 09:29:26

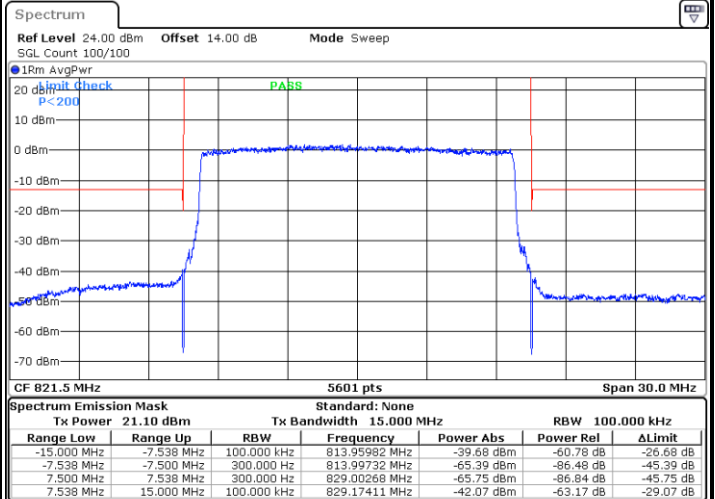
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

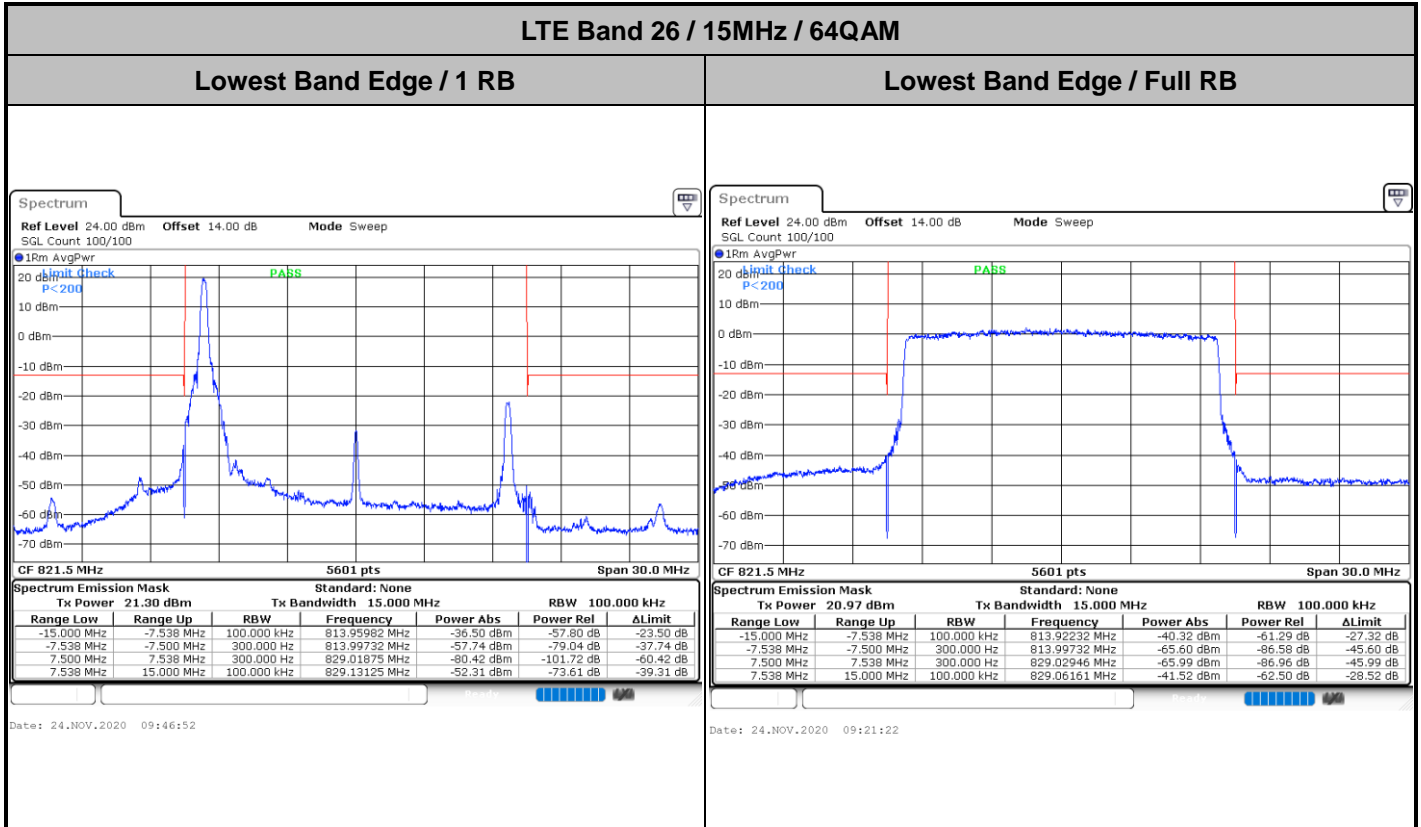


Date: 24.NOV.2020 09:40:59

Lowest Band Edge / Full RB

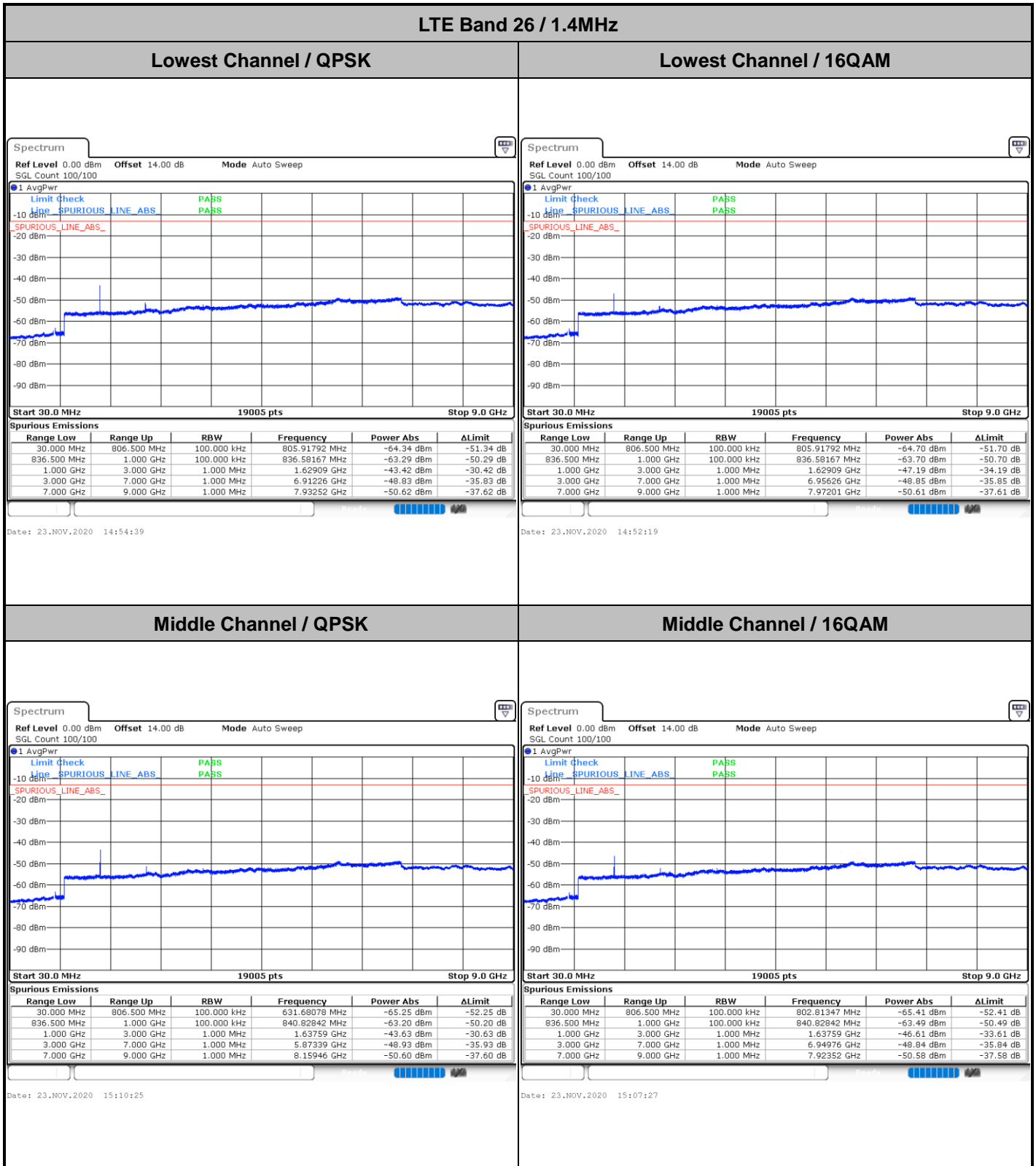


Date: 24.NOV.2020 09:26:19





Conducted Spurious Emission

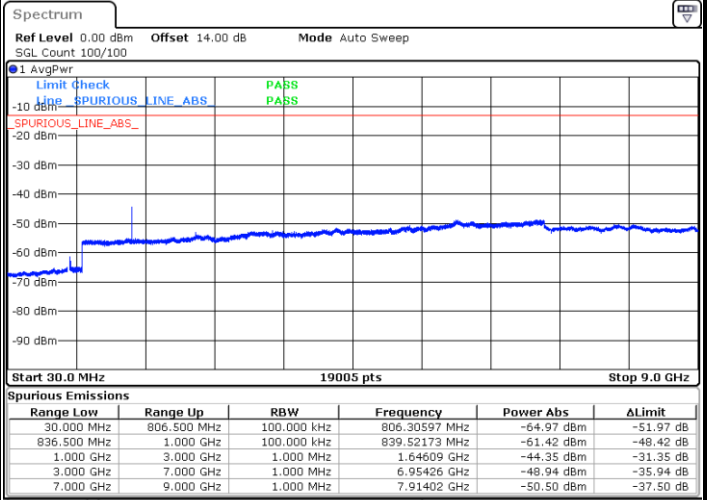
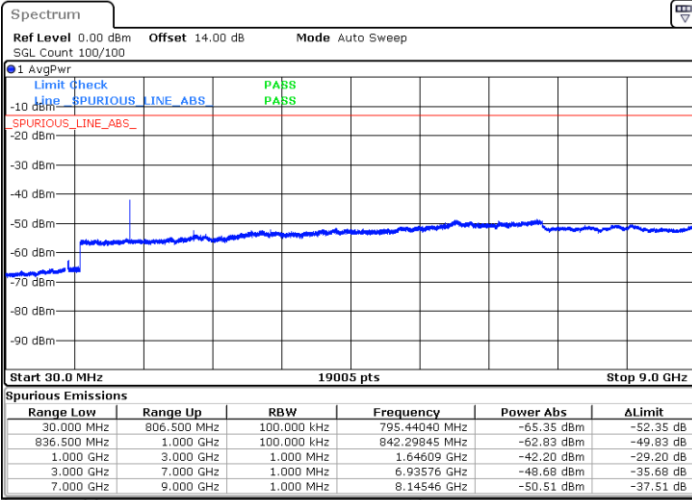




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



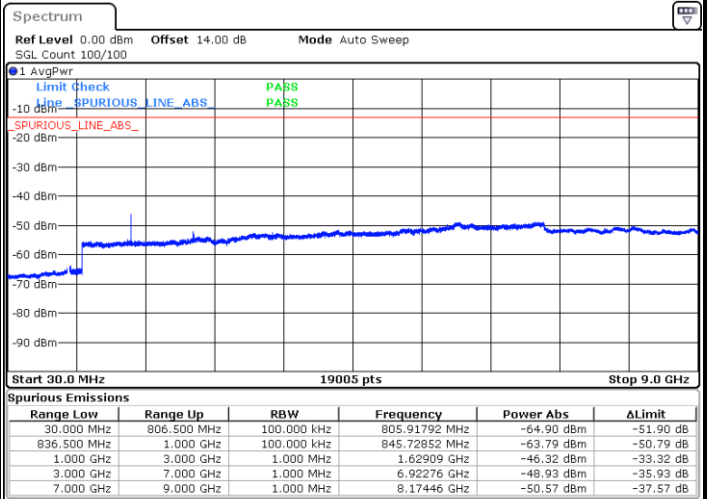
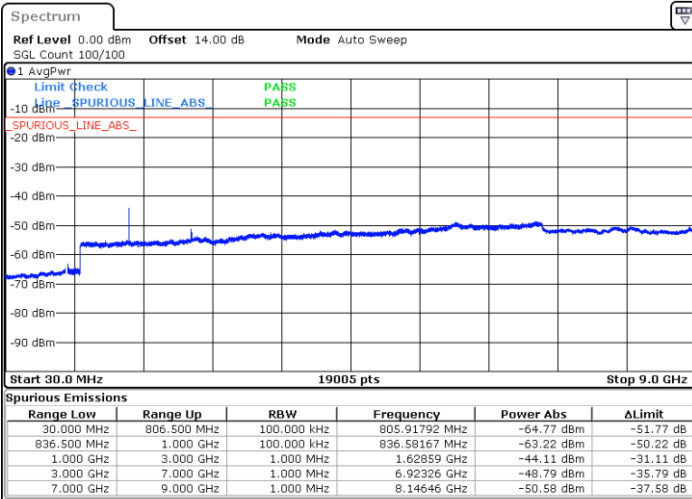
Date: 23.NOV.2020 15:19:37

Date: 23.NOV.2020 15:56:49

LTE Band 26 / 3MHz

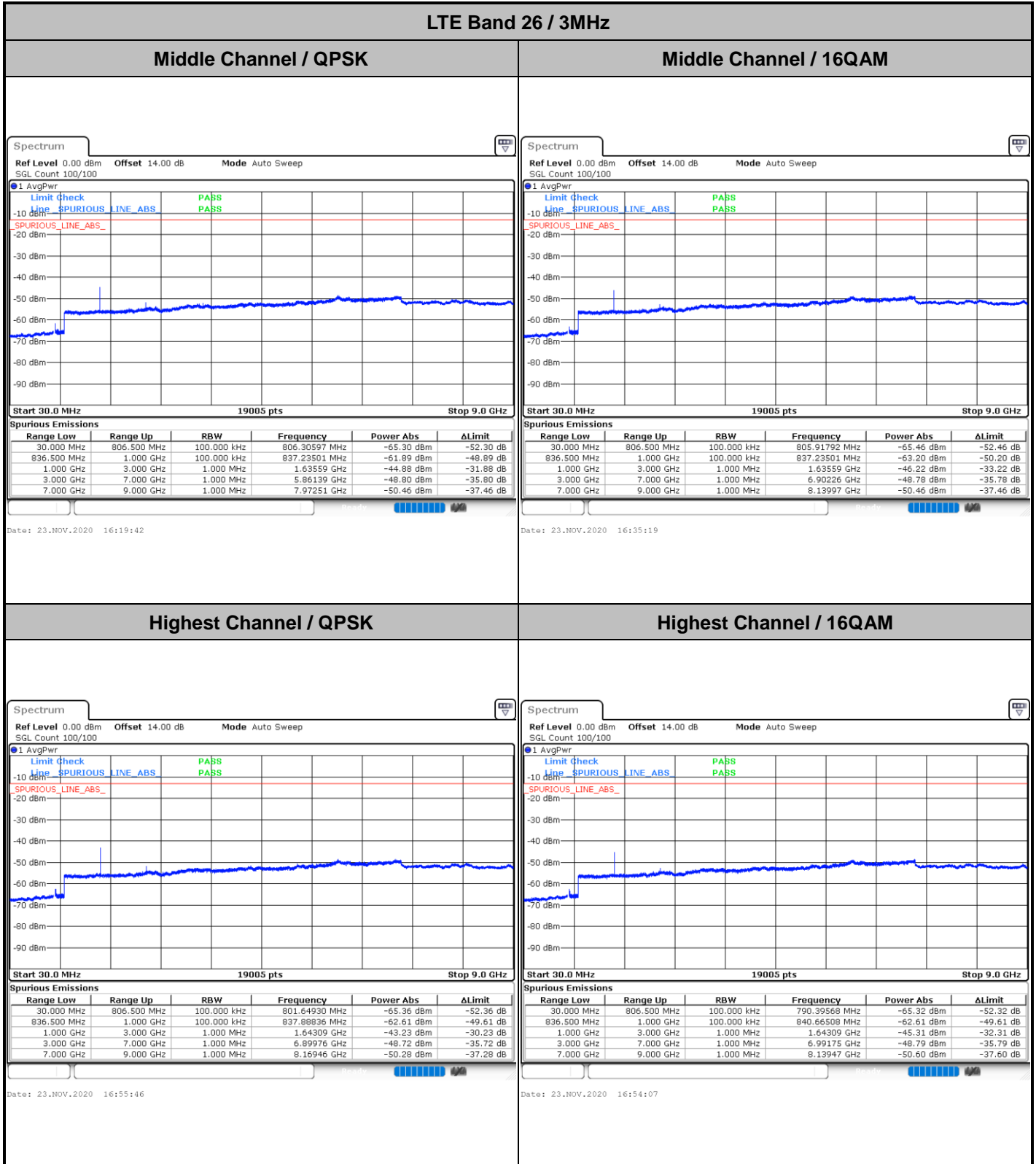
Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 23.NOV.2020 16:16:17

Date: 23.NOV.2020 16:12:50

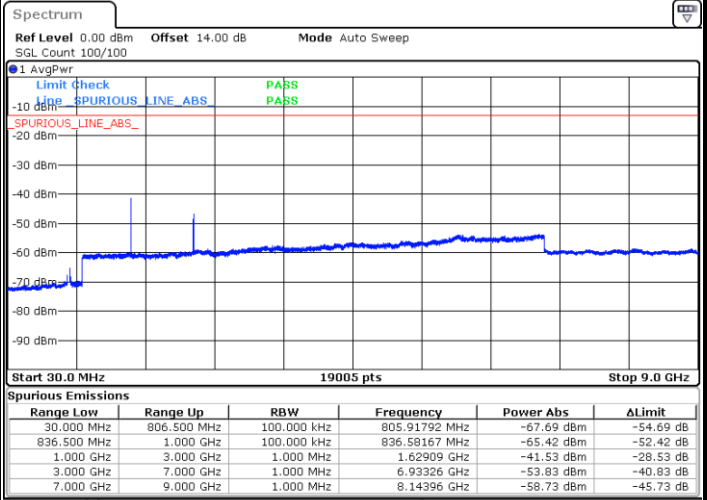
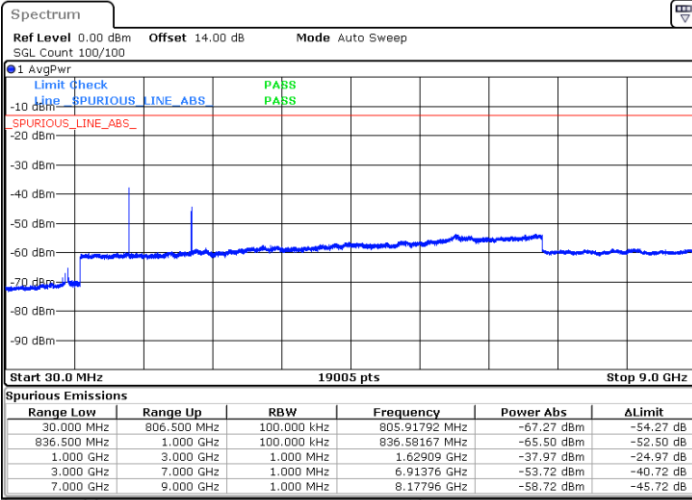




LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

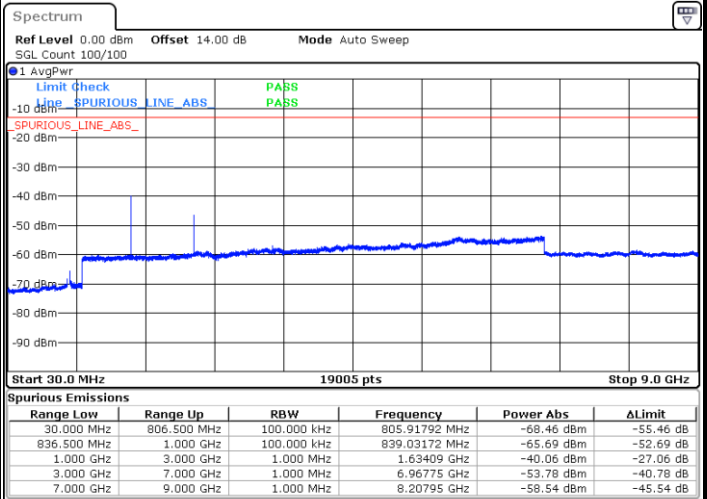
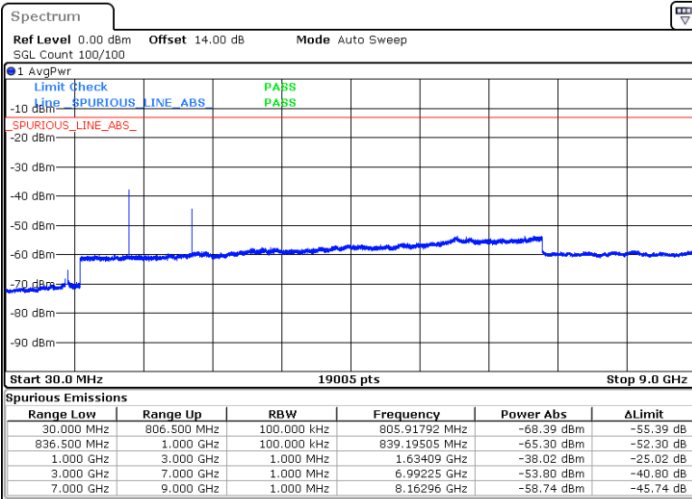


Date: 23.NOV.2020 17:07:52

Date: 23.NOV.2020 17:06:44

Middle Channel / QPSK

Middle Channel / 16QAM



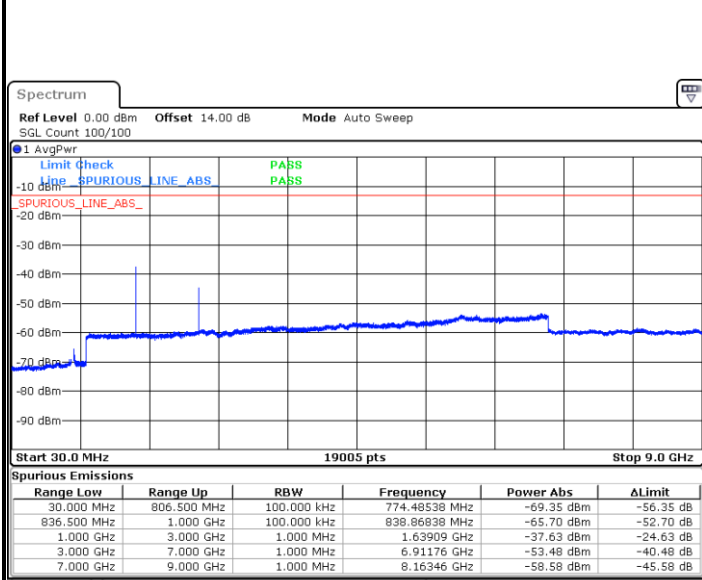
Date: 23.NOV.2020 17:08:50

Date: 23.NOV.2020 17:10:17



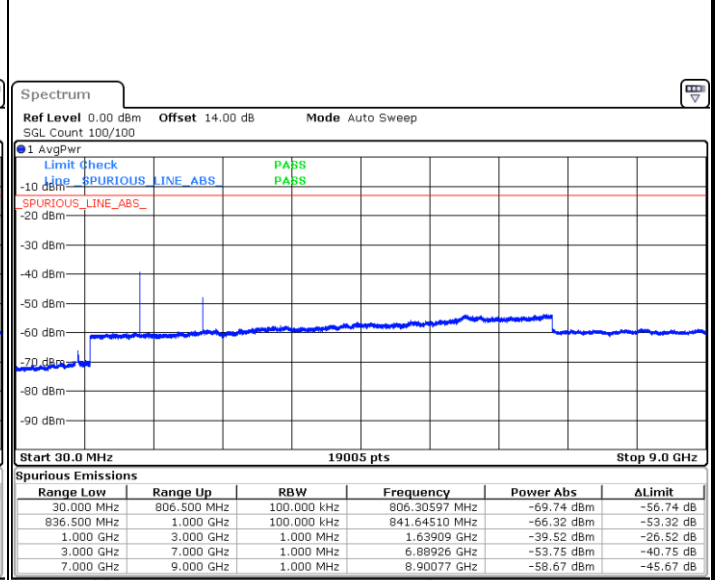
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 23.NOV.2020 17:23:41

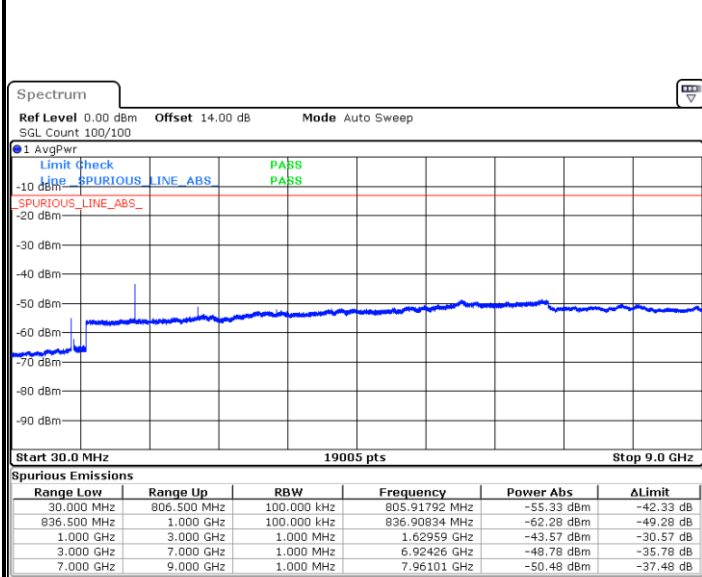
Highest Channel / 16QAM



Date: 23.NOV.2020 17:21:16

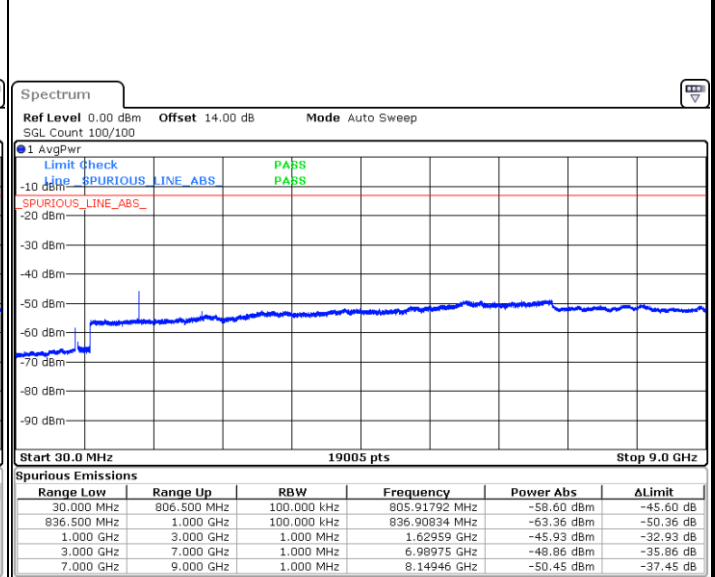
LTE Band 26 / 10MHz

Middle Channel / QPSK

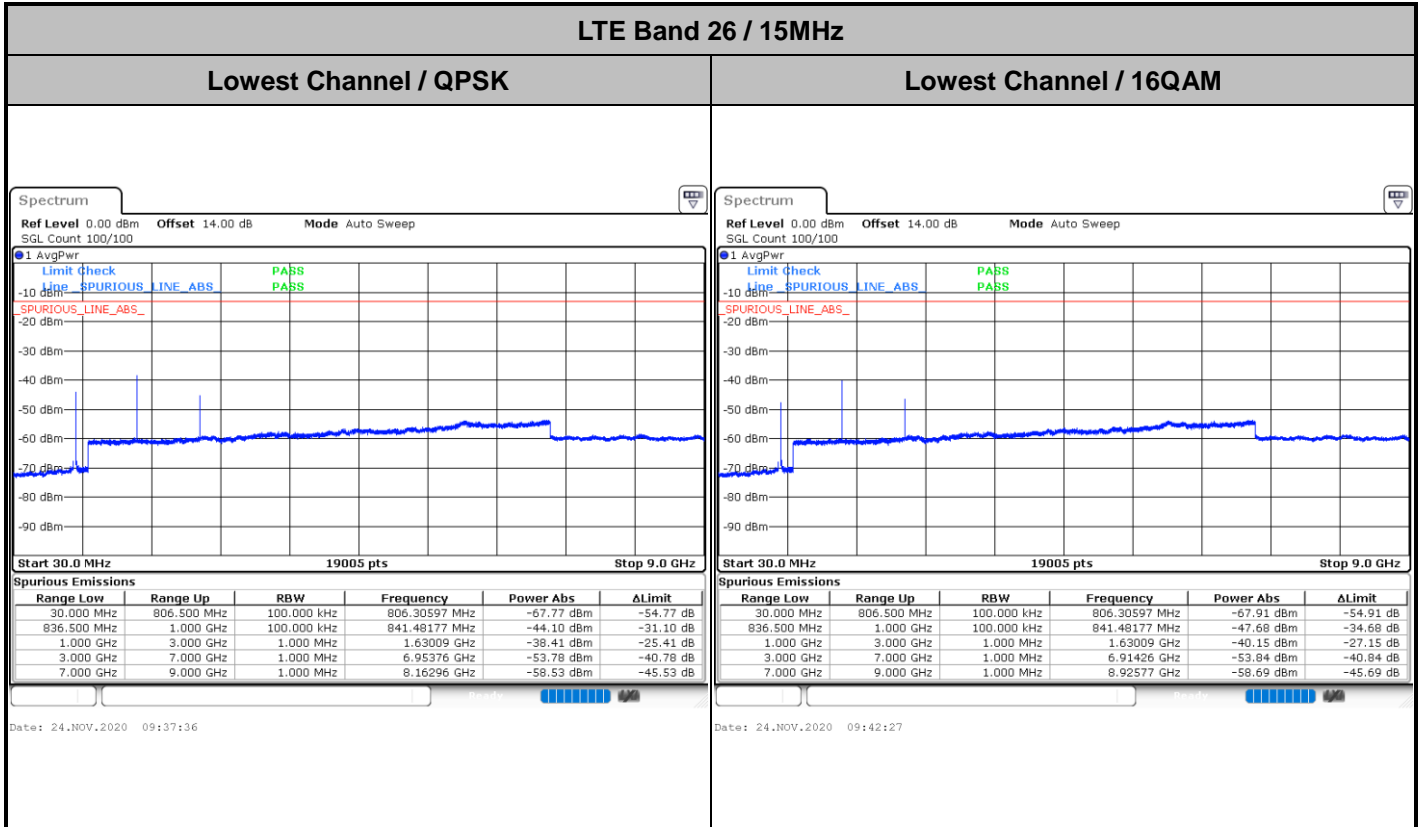


Date: 24.NOV.2020 09:14:53

Middle Channel / 16QAM



Date: 24.NOV.2020 09:11:04

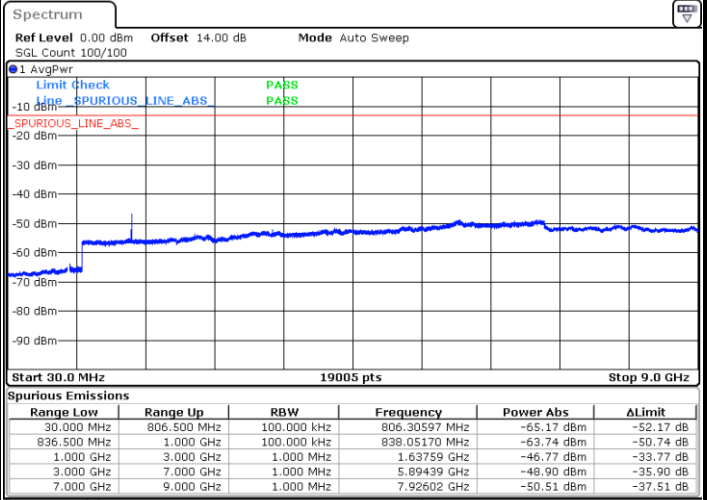
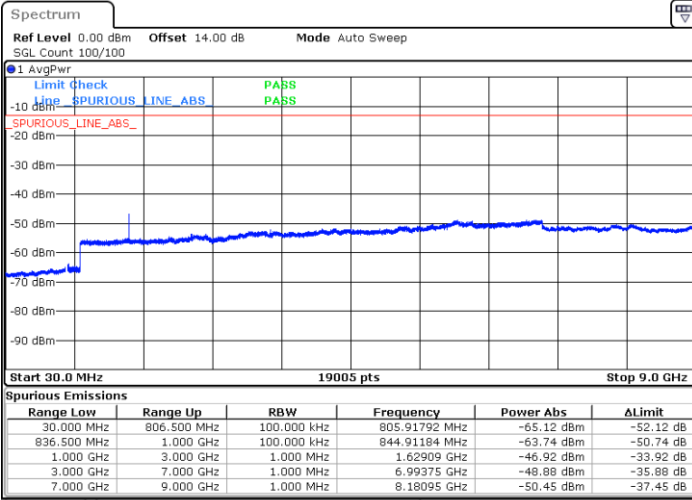




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

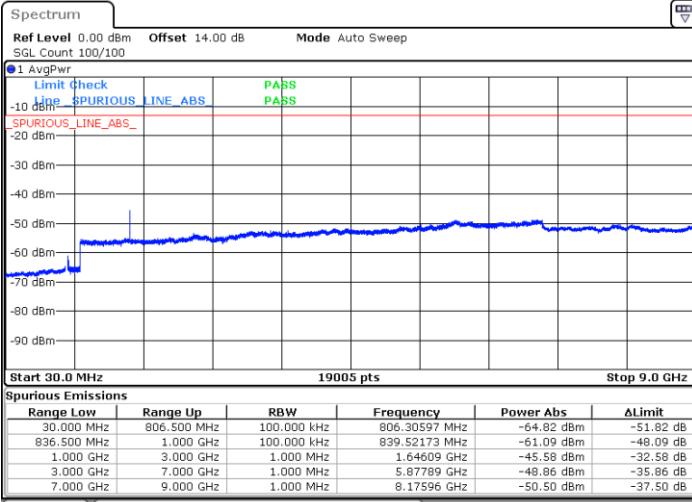
Middle Channel / 64QAM



Date: 23.NOV.2020 14:50:02

Date: 23.NOV.2020 15:06:29

Highest Channel / 64QAM



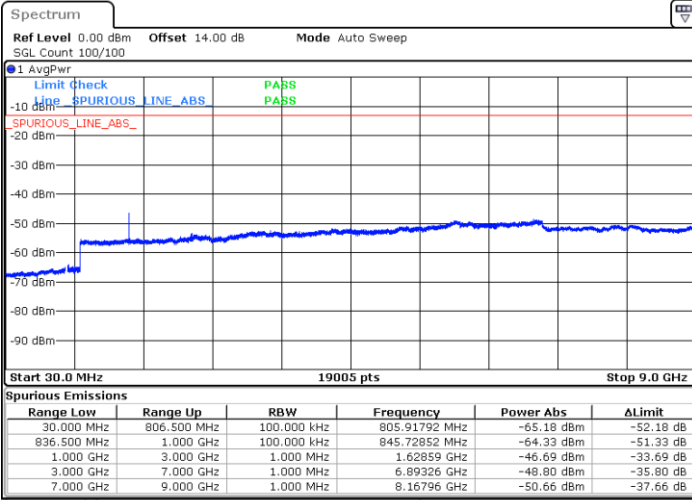
Date: 23.NOV.2020 15:57:38



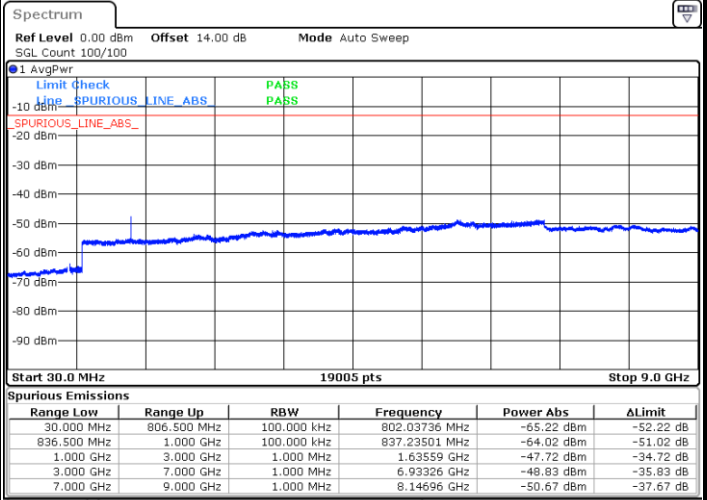
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

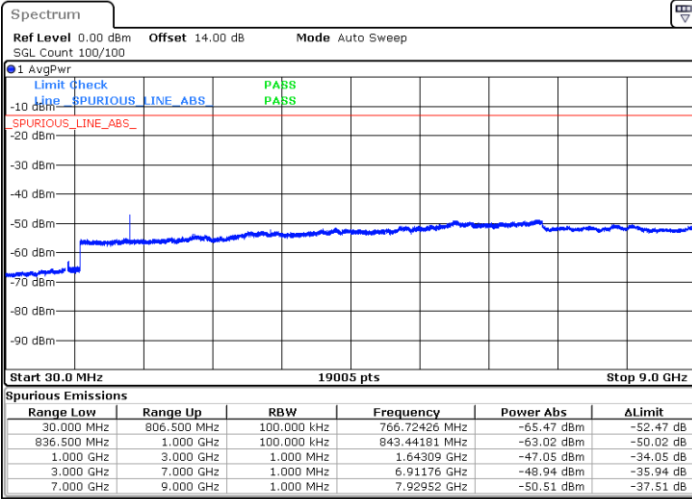


Date: 23.NOV.2020 16:10:23



Date: 23.NOV.2020 16:36:12

Highest Channel / 64QAM



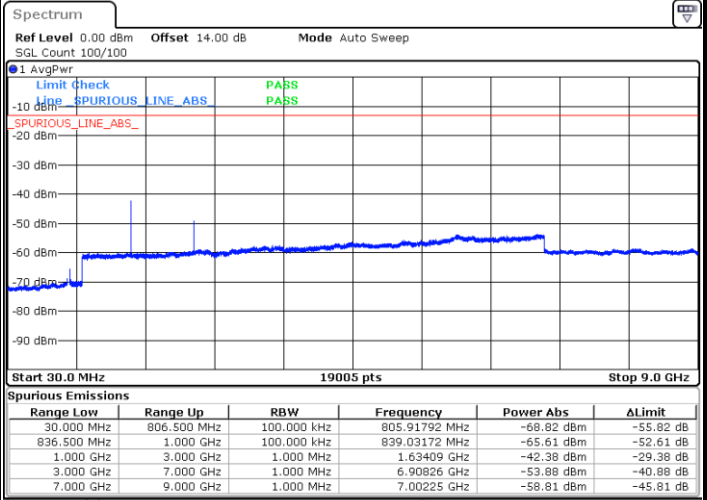
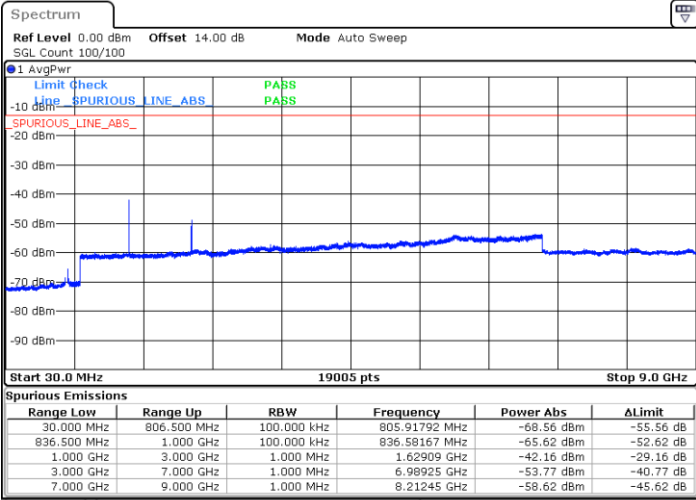
Date: 23.NOV.2020 16:51:02



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

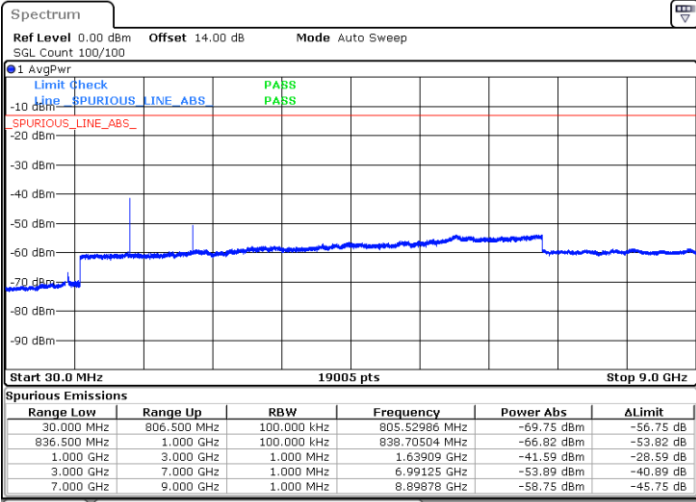
Middle Channel / 64QAM



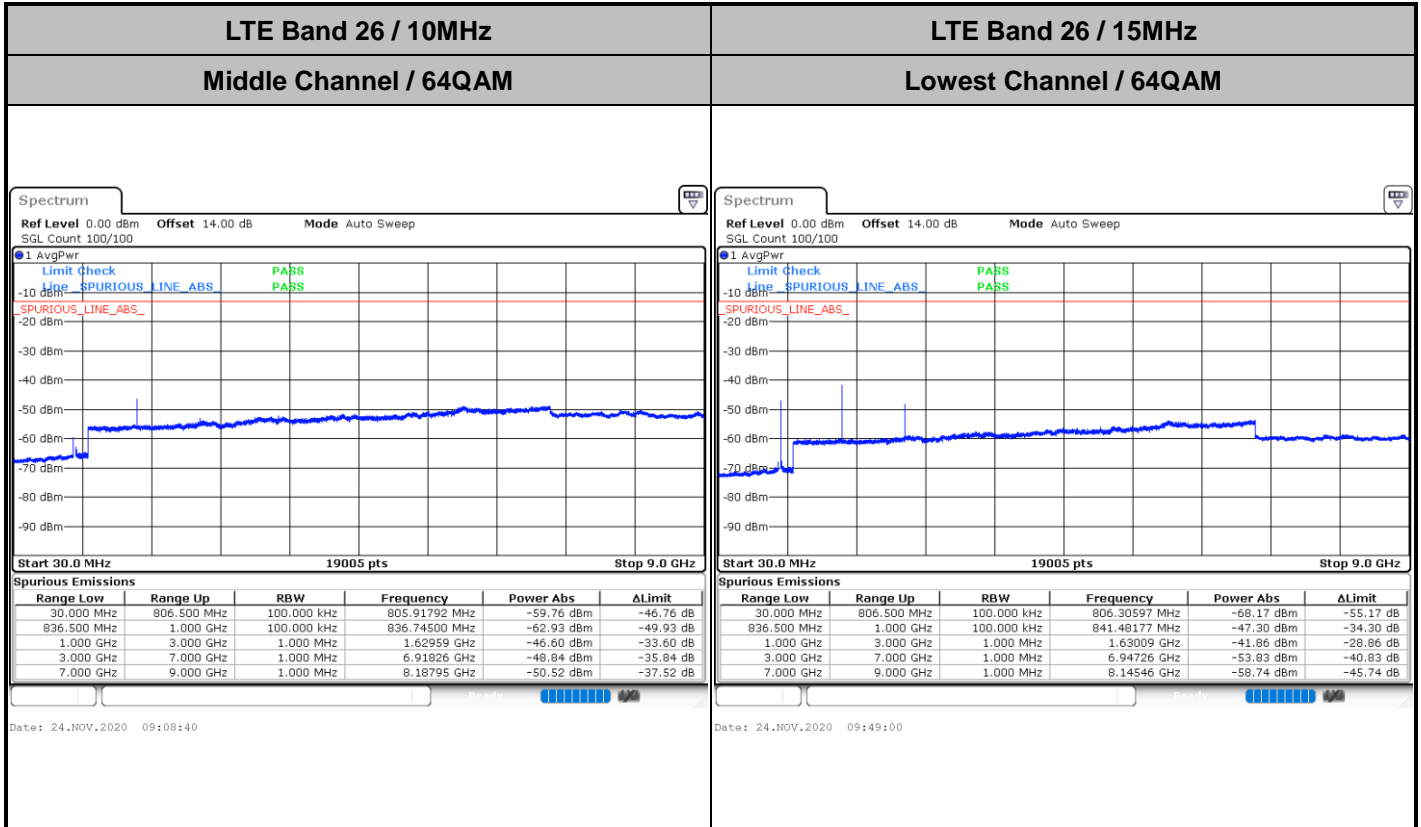
Date: 23.NOV.2020 17:04:51

Date: 23.NOV.2020 17:11:05

Highest Channel / 64QAM



Date: 23.NOV.2020 17:15:33





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

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 26 / 5 MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1633.5	-57.68	-13	-44.68	-67.27	-60.93	4.00	9.40	H
	2450.25	-59.75	-13	-46.75	-73.21	-63.32	4.88	10.60	H
	3267	-58.91	-13	-45.91	-75.91	-63.84	5.52	12.60	H
	1633.5	-51.37	-13	-38.37	-60.91	-54.62	4.00	9.40	V
	2450.25	-58.08	-13	-45.08	-71.52	-61.65	4.88	10.60	V
	3267	-59.06	-13	-46.06	-75.92	-63.99	5.52	12.60	V

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

LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1629	-60.23	-13	-47.23	-69.92	-63.48	4.00	9.40	H
	2443.5	-60.11	-13	-47.11	-73.56	-63.68	4.88	10.60	H
	3258	-59.06	-13	-46.06	-76.09	-63.99	5.52	12.60	H
	1629	-52.53	-13	-39.53	-62.14	-55.78	4.00	9.40	V
	2443.5	-57.41	-13	-44.41	-70.83	-60.98	4.88	10.60	V
	3258	-59.35	-13	-46.35	-76.22	-64.28	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1629.5	-60.41	-13	-47.41	-70.09	-63.64	3.98	9.36	H
	2444.25	-57.61	-13	-44.61	-71.06	-61.16	4.85	10.55	H
	3259	-58.95	-13	-45.95	-75.98	-63.88	5.50	12.58	H
	1629.5	-50.43	-13	-37.43	-60.04	-53.66	3.98	9.36	V
	2444.25	-57.30	-13	-44.30	-70.72	-60.85	4.85	10.55	V
	3259	-59.32	-13	-46.32	-76.19	-64.25	5.50	12.58	V

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