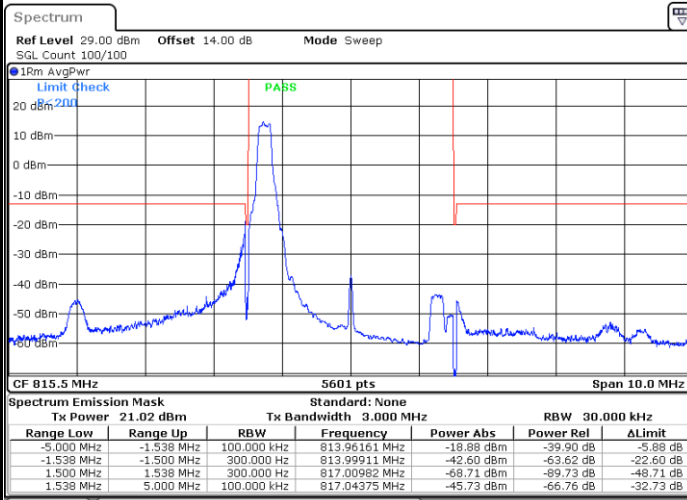




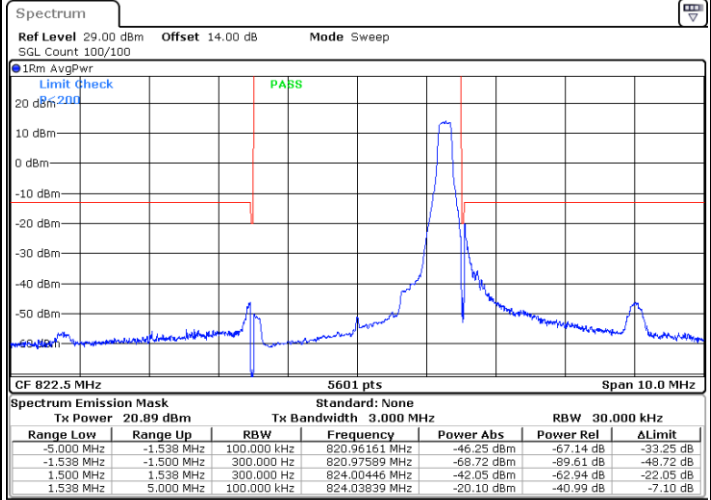
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



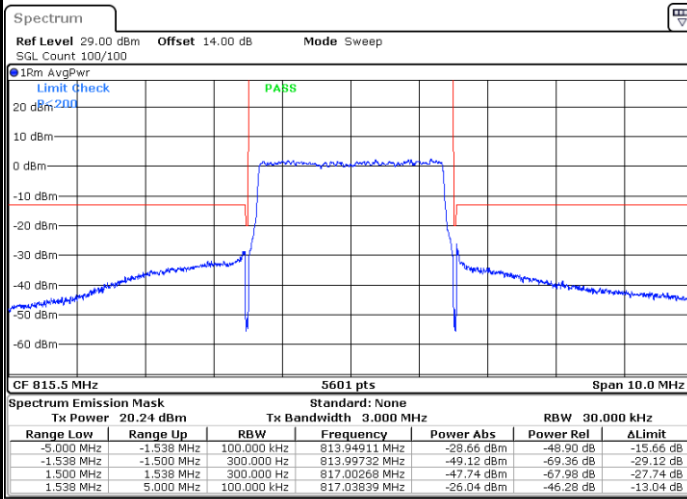
Date: 11.FEB.2021 09:23:13

Highest Band Edge / 1 RB



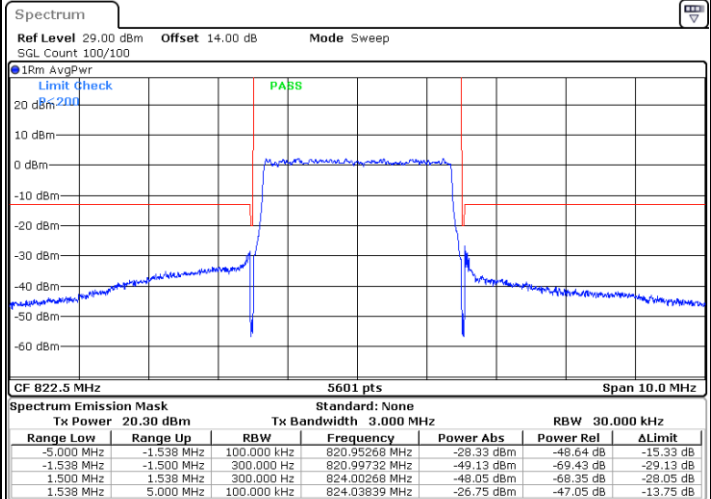
Date: 11.FEB.2021 09:24:40

Lowest Band Edge / Full RB



Date: 11.FEB.2021 09:23:56

Highest Band Edge / Full RB

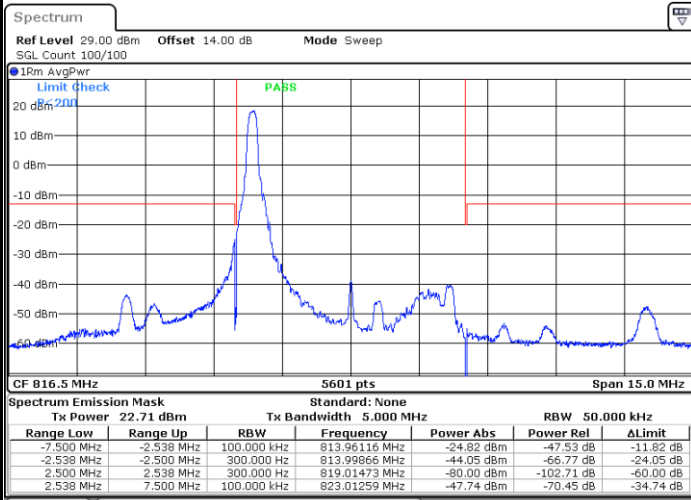


Date: 11.FEB.2021 09:25:35



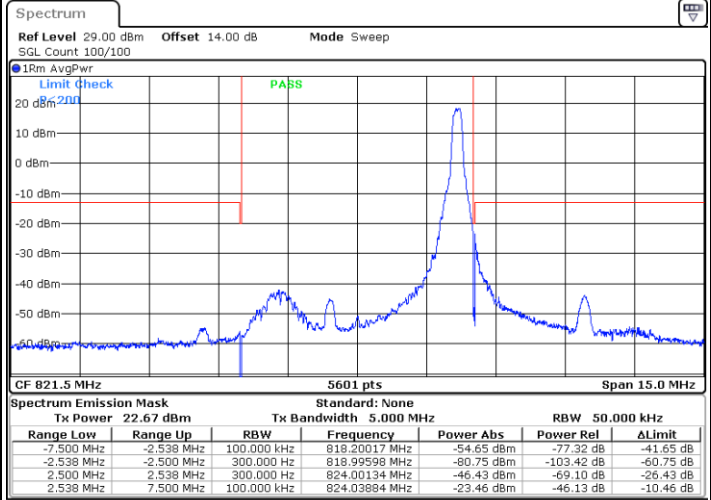
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



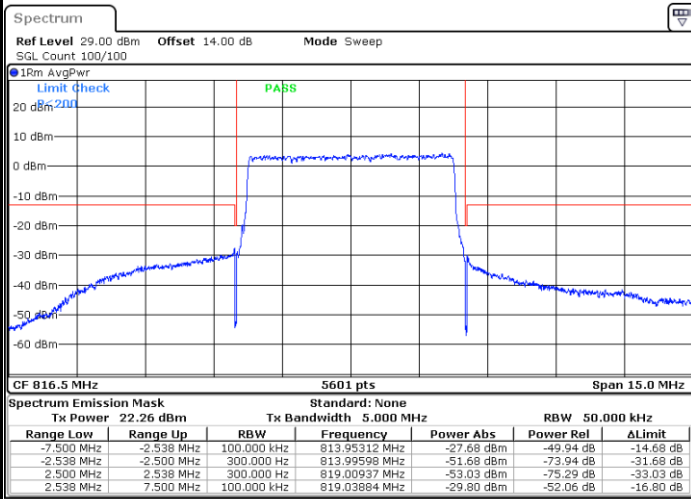
Date: 11.FEB.2021 09:29:12

Highest Band Edge / 1 RB



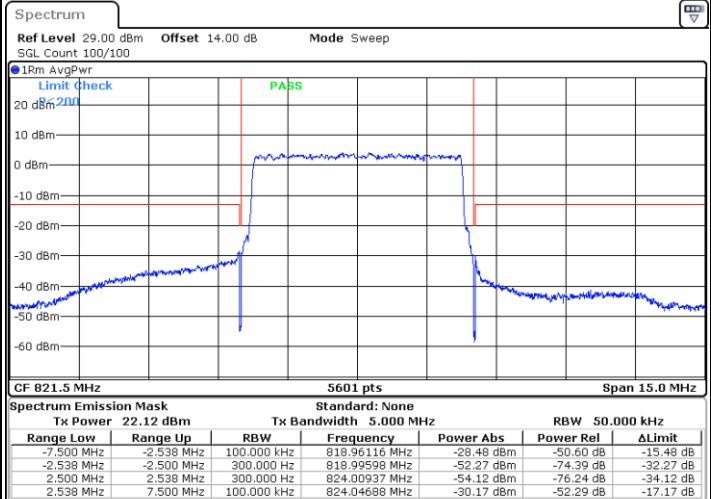
Date: 11.FEB.2021 09:33:42

Lowest Band Edge / Full RB



Date: 11.FEB.2021 09:32:15

Highest Band Edge / Full RB

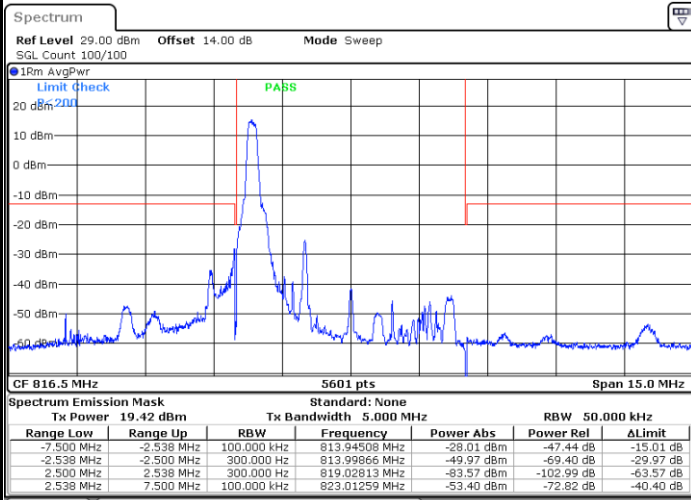


Date: 11.FEB.2021 09:35:08



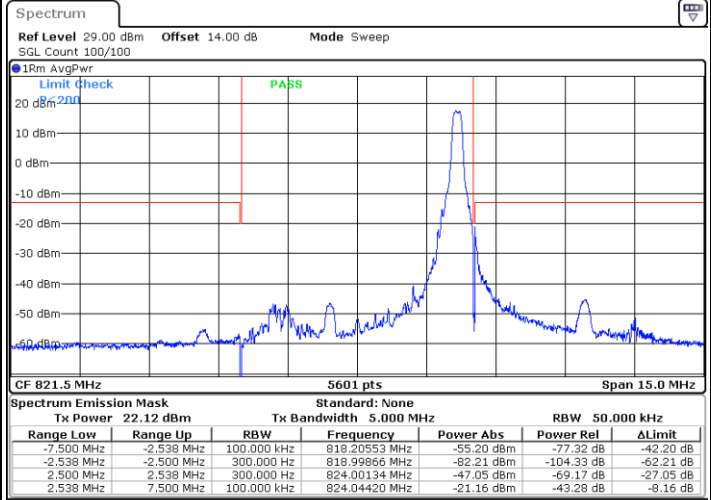
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



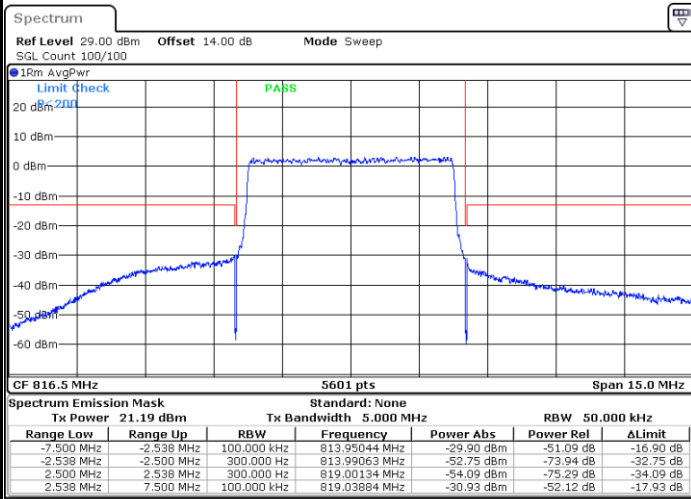
Date: 11.FEB.2021 09:29:55

Highest Band Edge / 1 RB



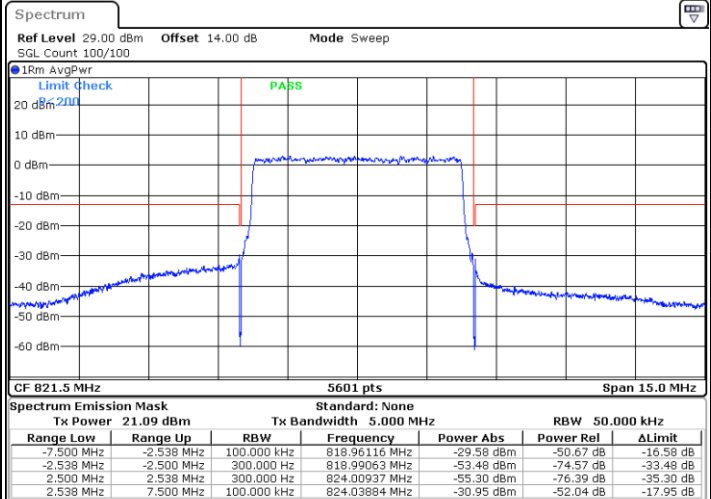
Date: 11.FEB.2021 09:34:25

Lowest Band Edge / Full RB



Date: 11.FEB.2021 09:32:58

Highest Band Edge / Full RB

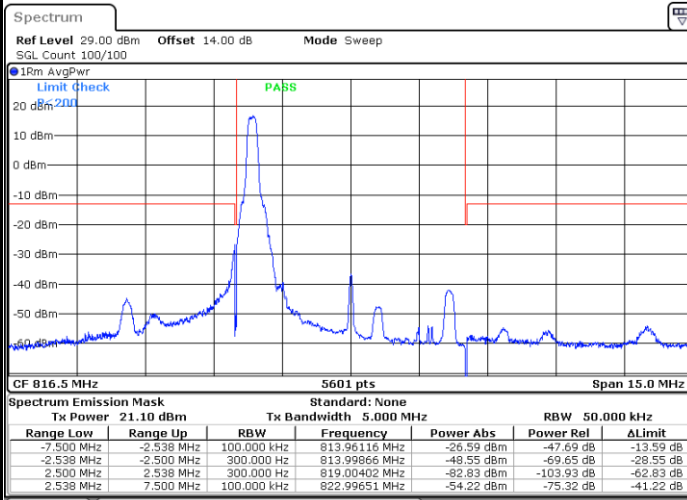


Date: 11.FEB.2021 09:35:52



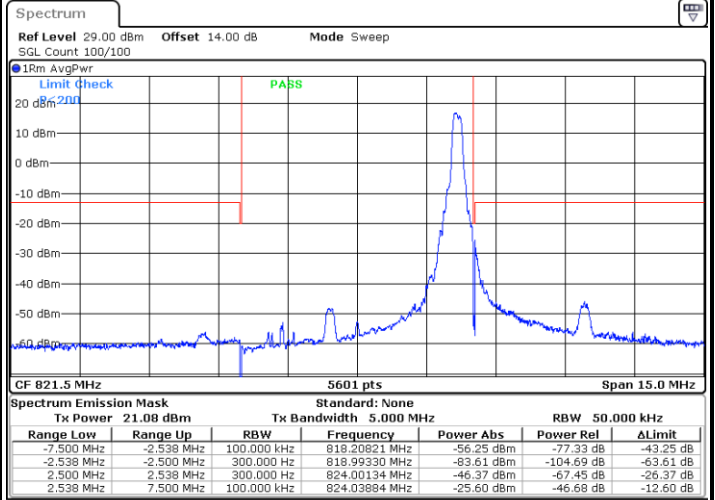
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



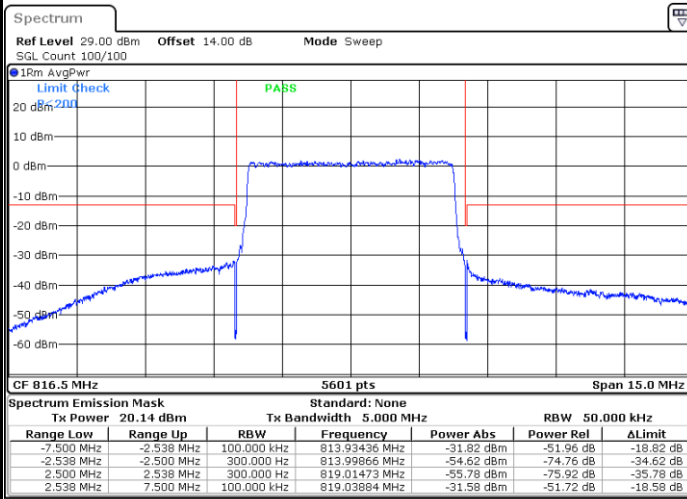
Date: 11.FEB.2021 09:26:18

Highest Band Edge / 1 RB



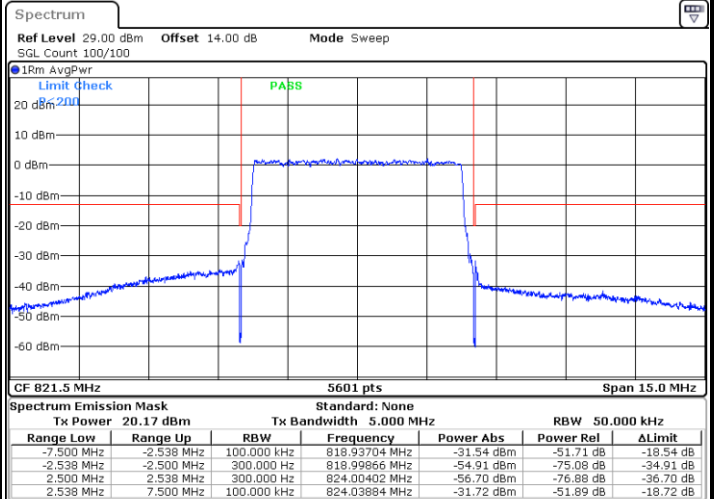
Date: 11.FEB.2021 09:27:45

Lowest Band Edge / Full RB



Date: 11.FEB.2021 09:27:02

Highest Band Edge / Full RB

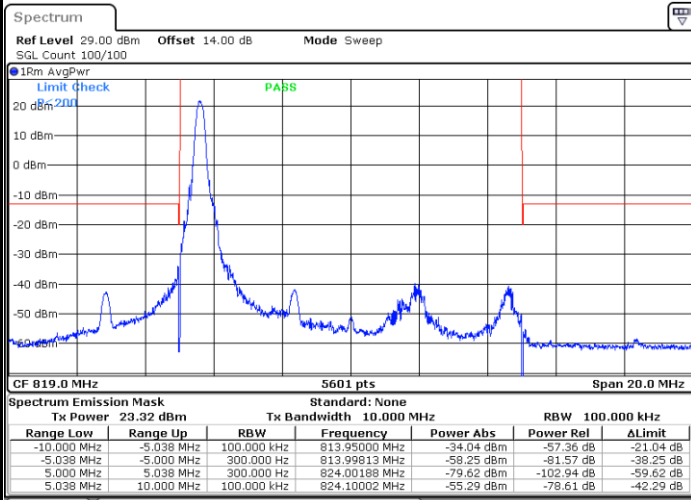


Date: 11.FEB.2021 09:28:28



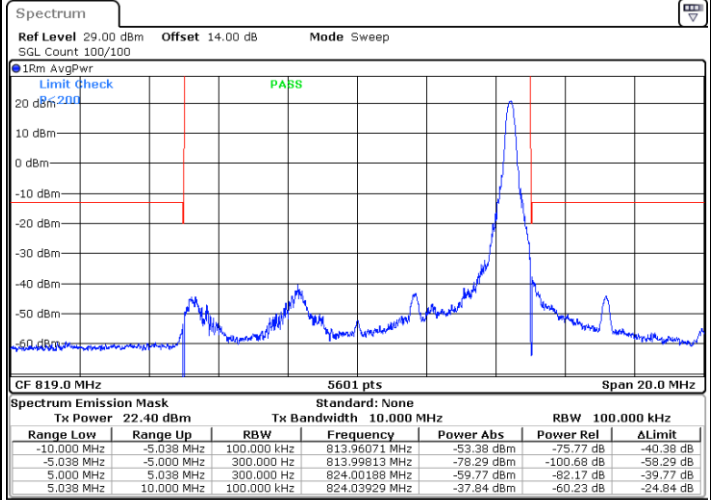
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



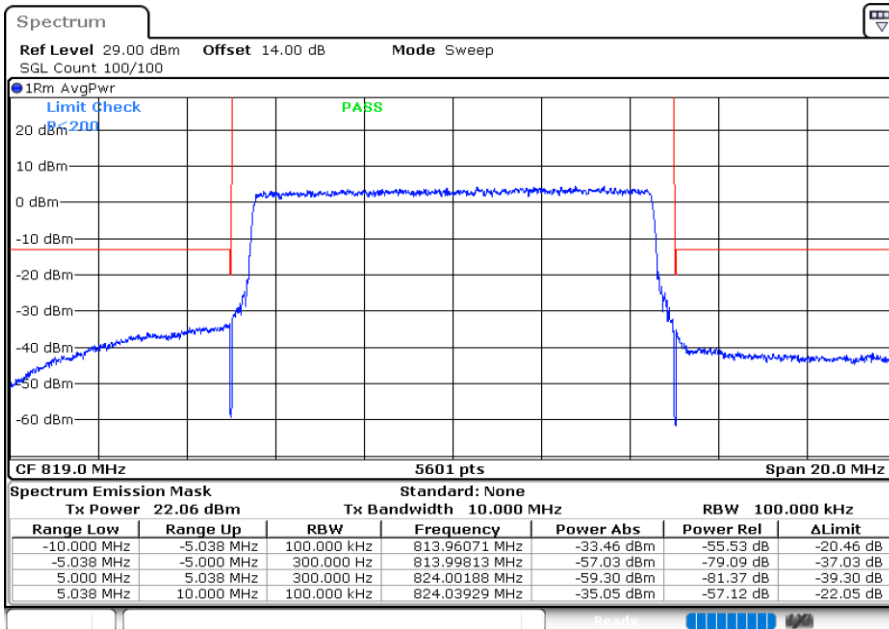
Date: 11.FEB.2021 09:36:35

Highest Band Edge / 1 RB



Date: 11.FEB.2021 09:38:02

Band Edge / Full RB

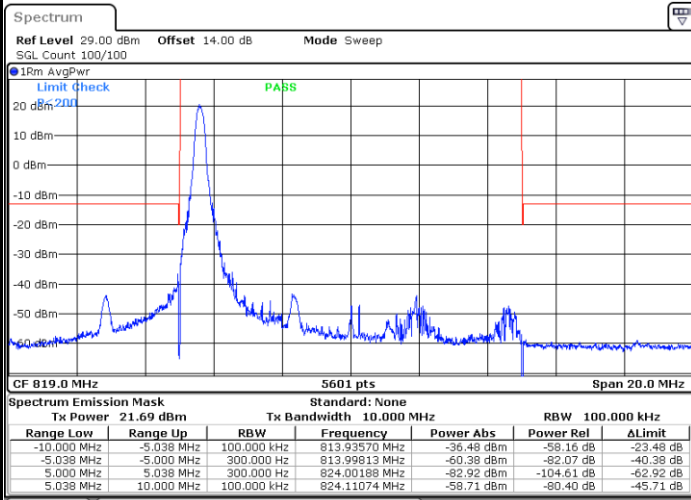


Date: 11.FEB.2021 09:39:28



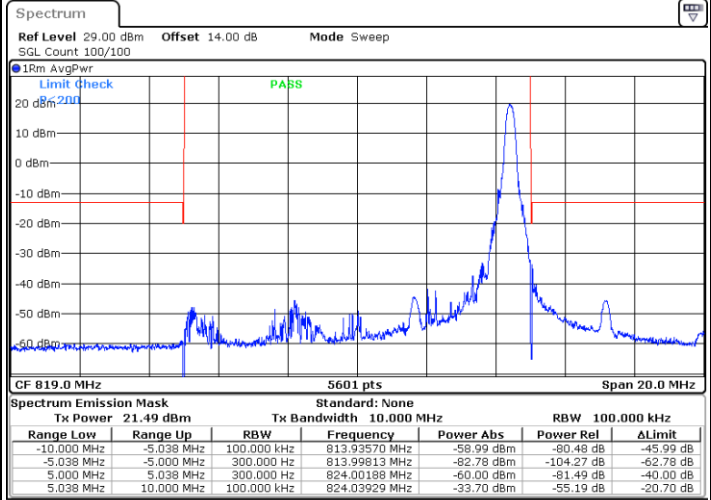
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



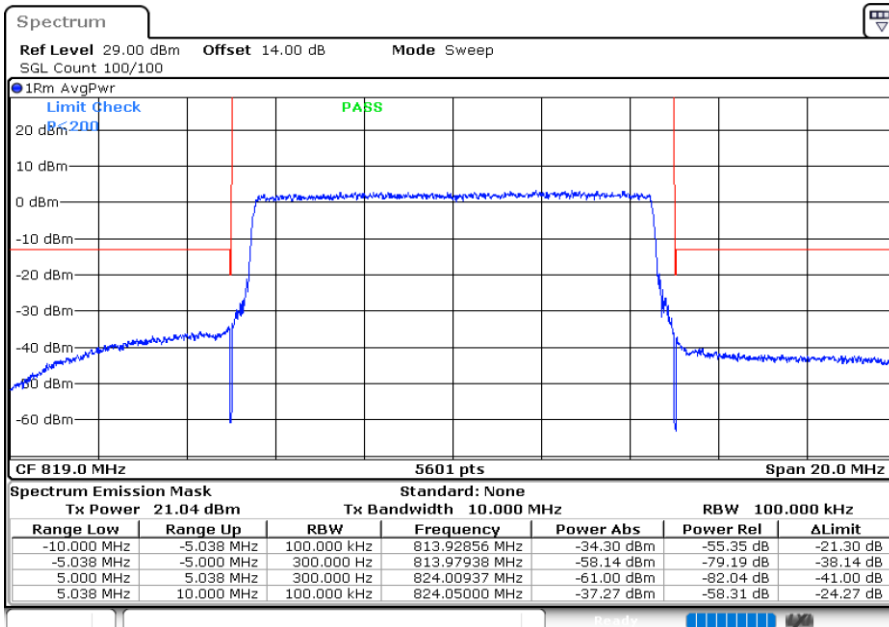
Date: 11.FEB.2021 09:37:18

Highest Band Edge / 1 RB



Date: 11.FEB.2021 09:38:45

Band Edge / Full RB

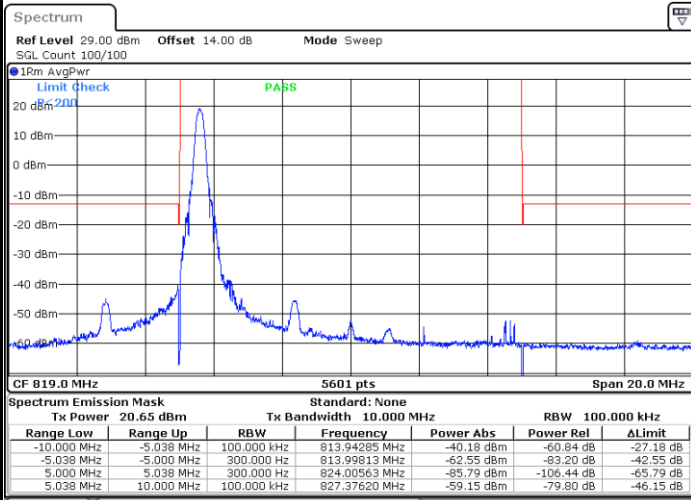


Date: 11.FEB.2021 09:40:12



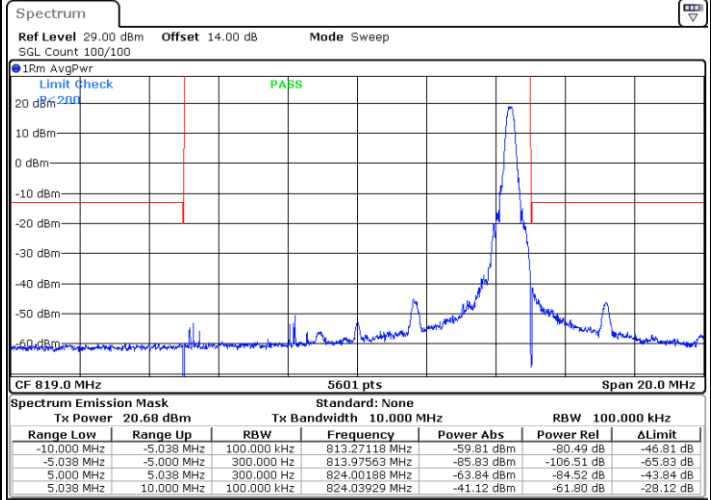
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



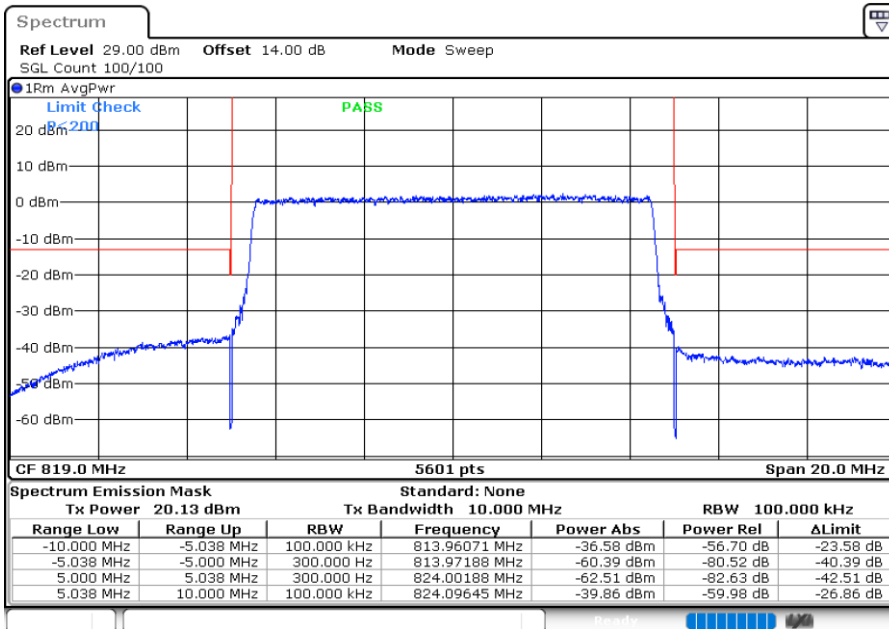
Date: 11.FEB.2021 09:40:55

Highest Band Edge / 1 RB



Date: 11.FEB.2021 09:41:38

Band Edge / Full RB

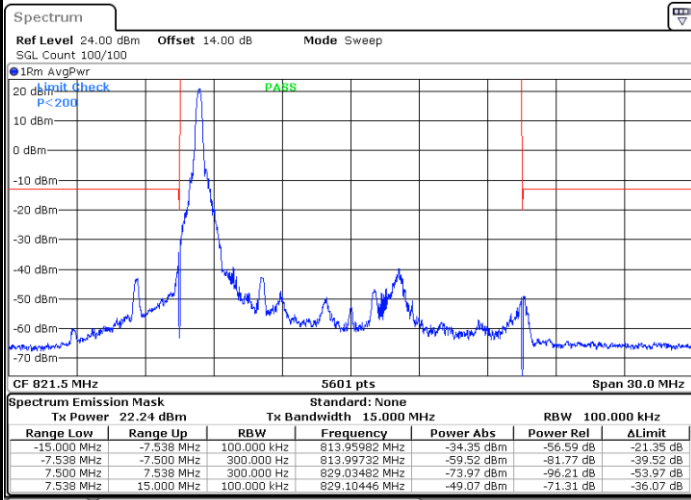


Date: 11.FEB.2021 09:42:22



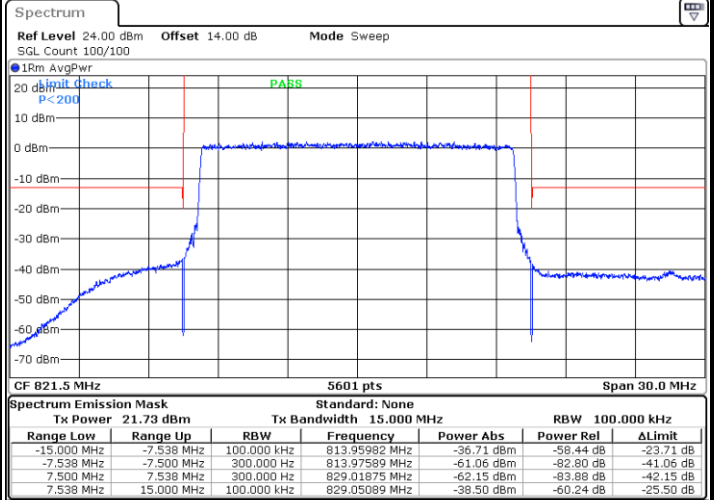
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 11.FEB.2021 09:43:28

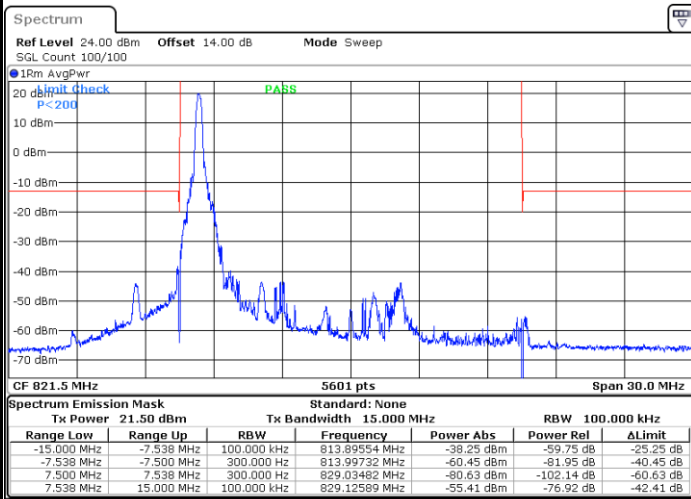
Lowest Band Edge / Full RB



Date: 11.FEB.2021 09:46:21

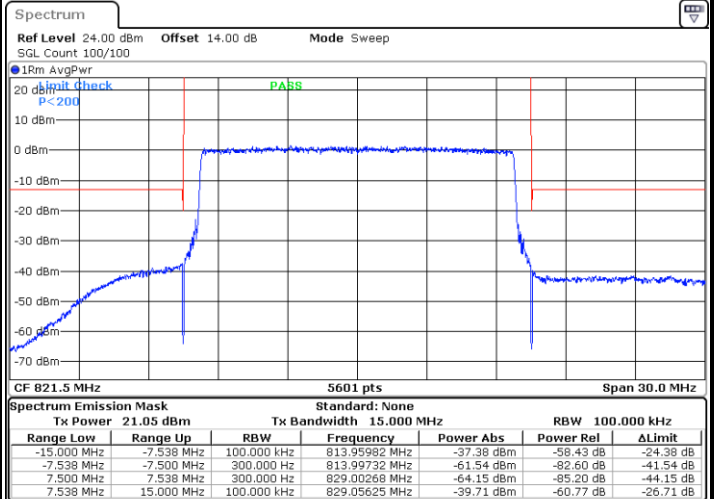
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 11.FEB.2021 09:44:11

Lowest Band Edge / Full RB



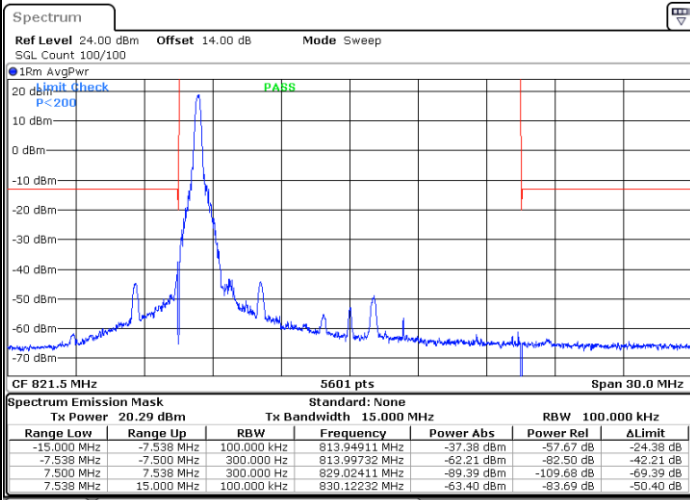
Date: 11.FEB.2021 09:48:27



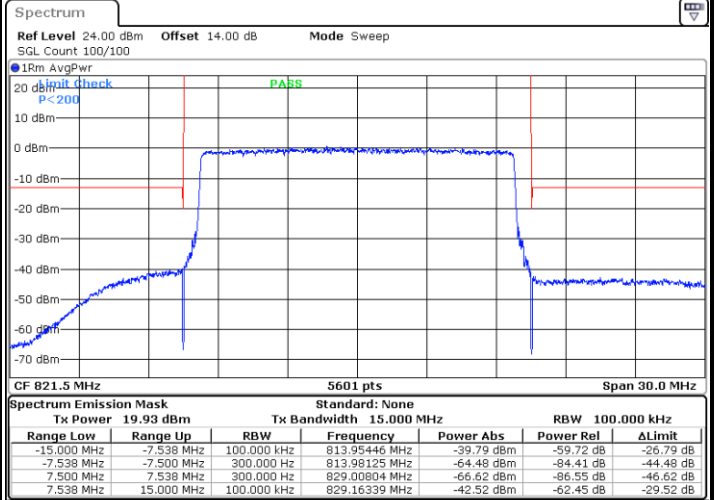
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

Lowest Band Edge / Full RB



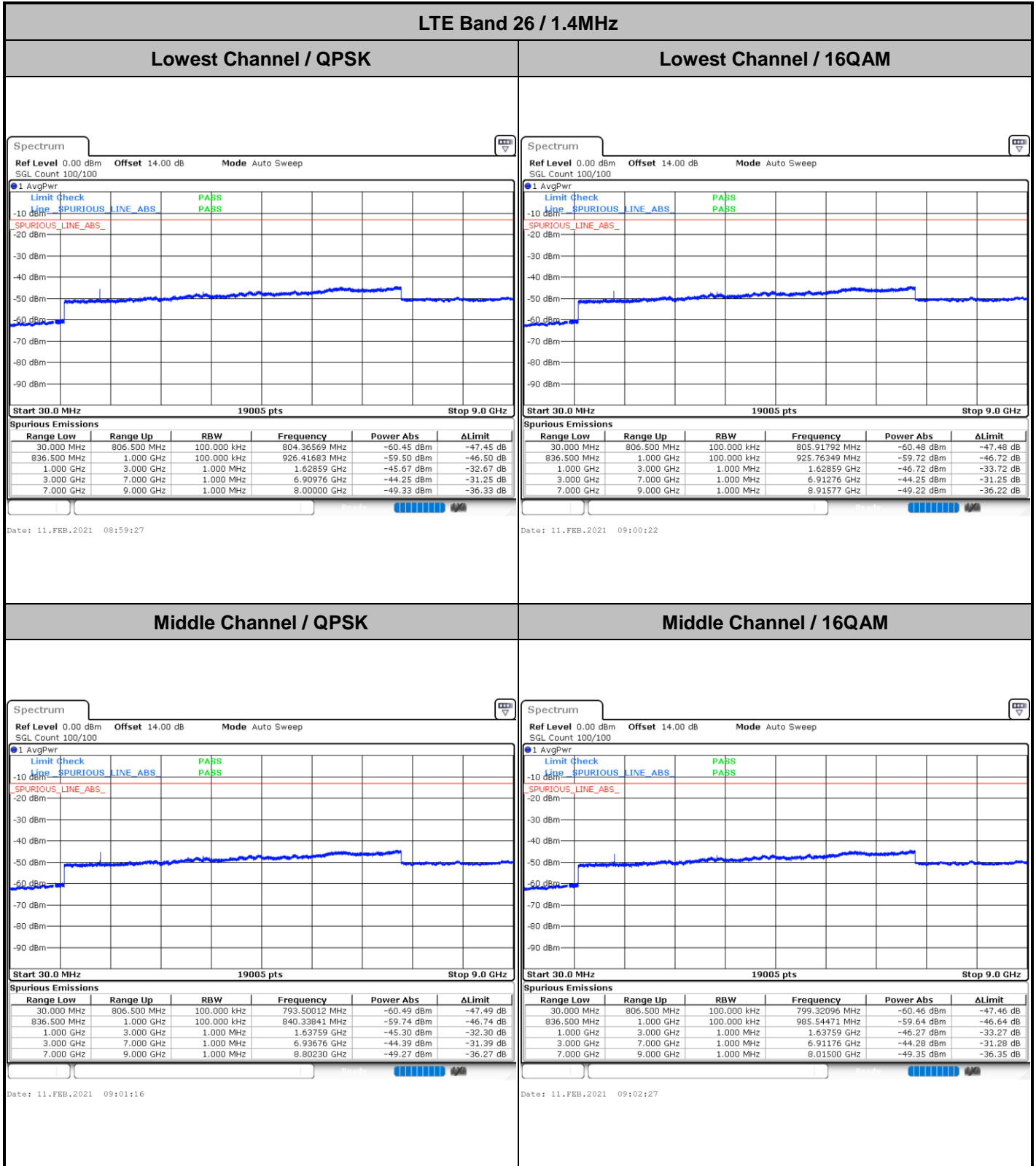
Date: 11.FEB.2021 09:49:10



Date: 11.FEB.2021 09:50:37



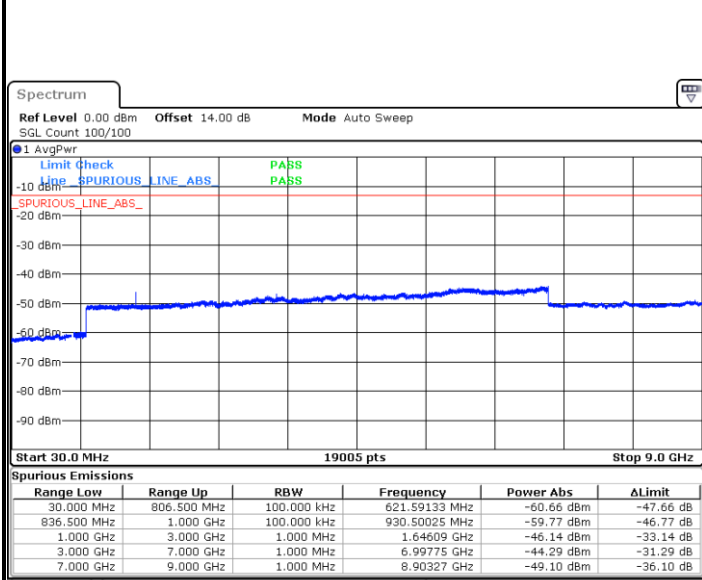
Conducted Spurious Emission





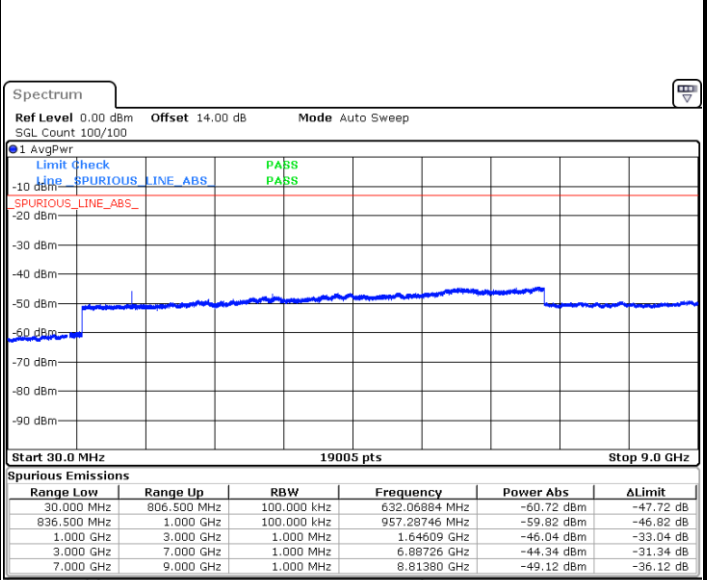
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 11.FEB.2021 09:03:21

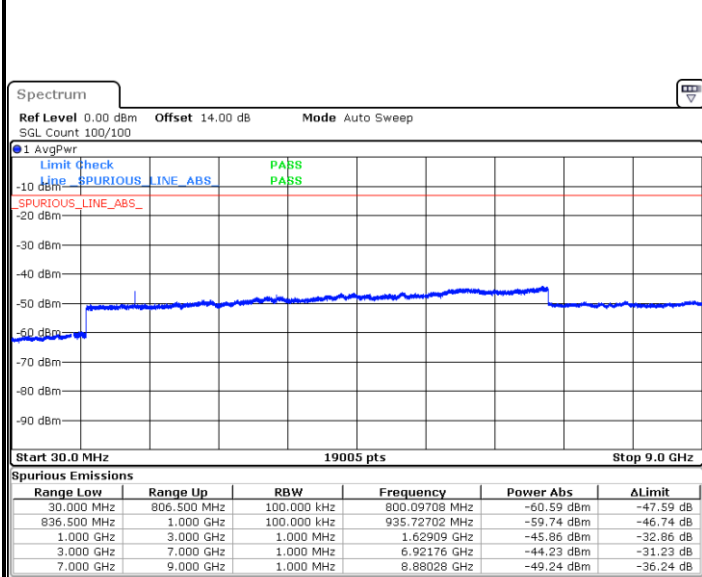
Highest Channel / 16QAM



Date: 11.FEB.2021 09:04:15

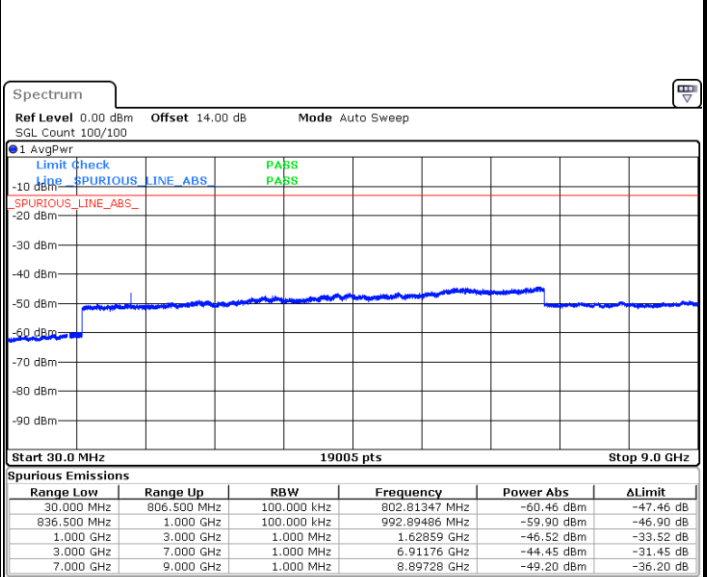
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 11.FEB.2021 09:51:31

Lowest Channel / 16QAM



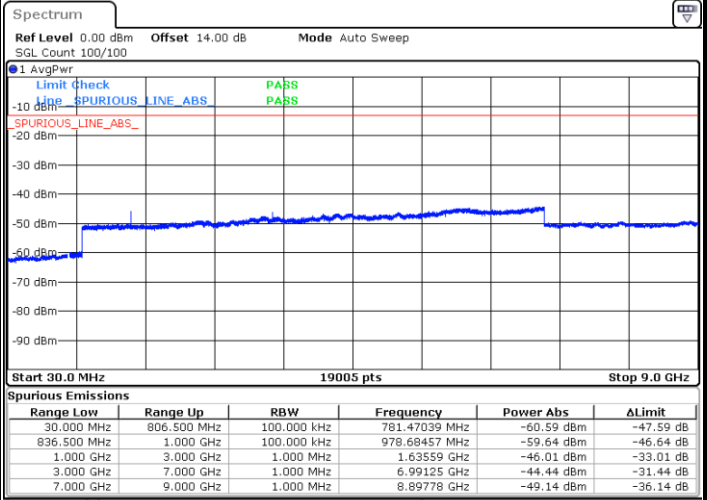
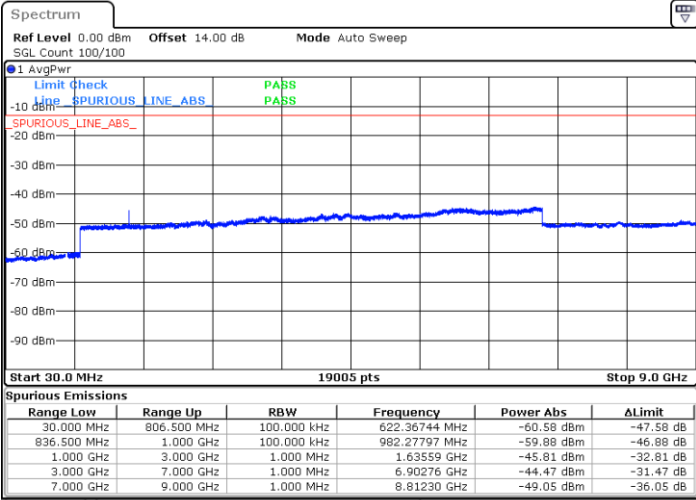
Date: 11.FEB.2021 09:52:25



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

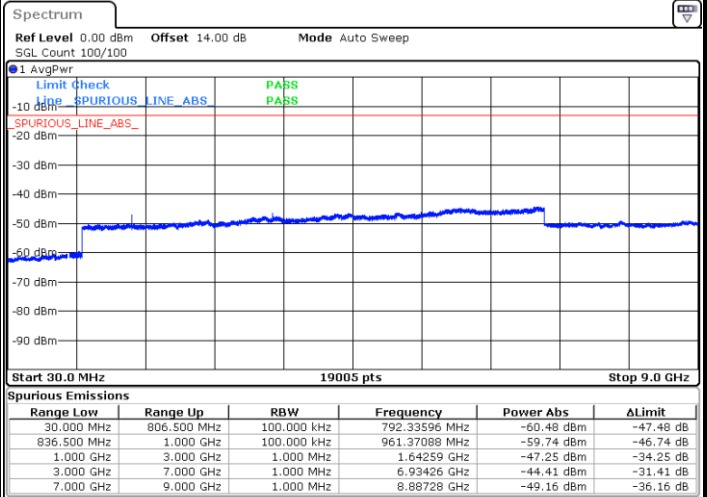
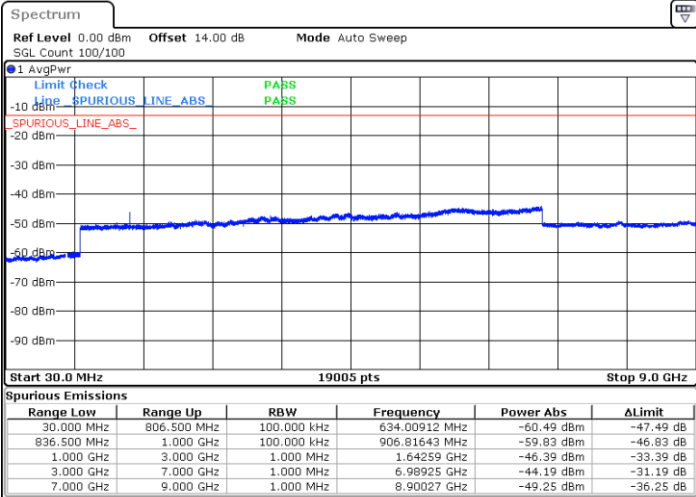


Date: 11.FEB.2021 09:55:55

Date: 11.FEB.2021 09:56:50

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.FEB.2021 09:57:44

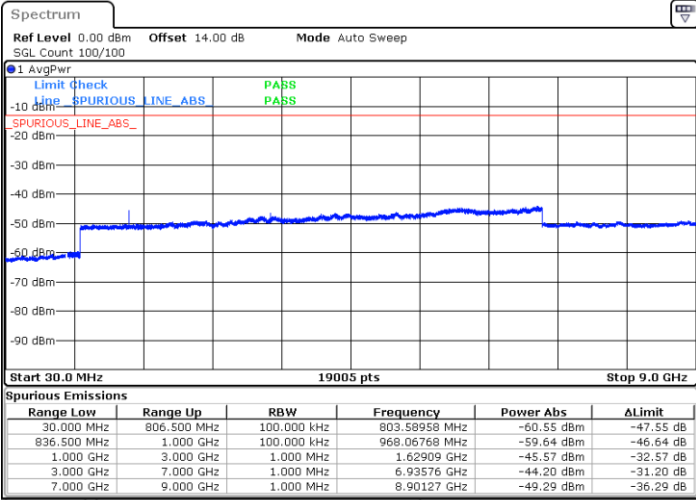
Date: 11.FEB.2021 09:58:39



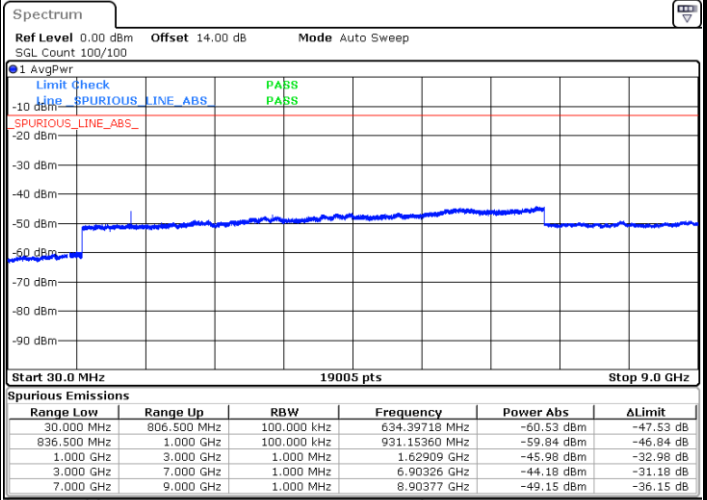
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



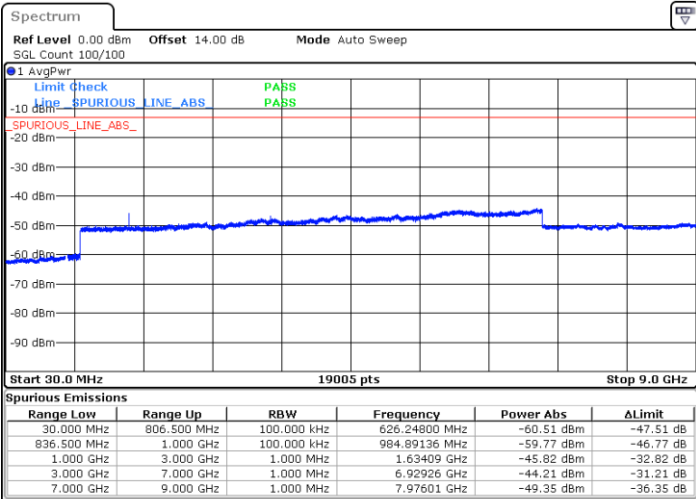
Date: 11.FEB.2021 10:02:28



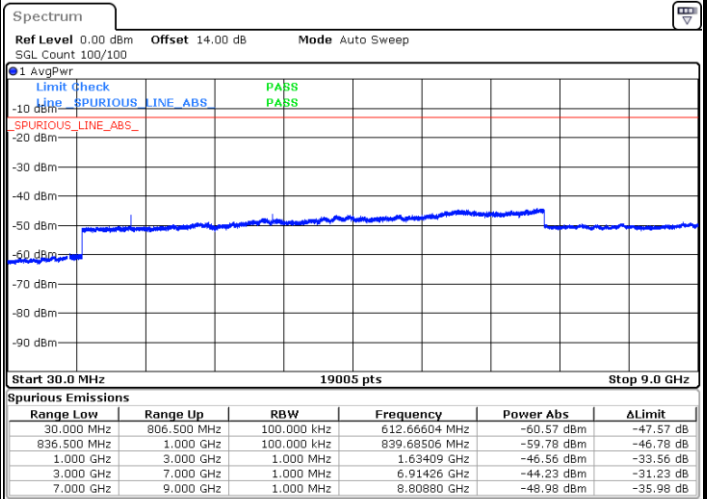
Date: 11.FEB.2021 10:03:22

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 11.FEB.2021 10:04:17

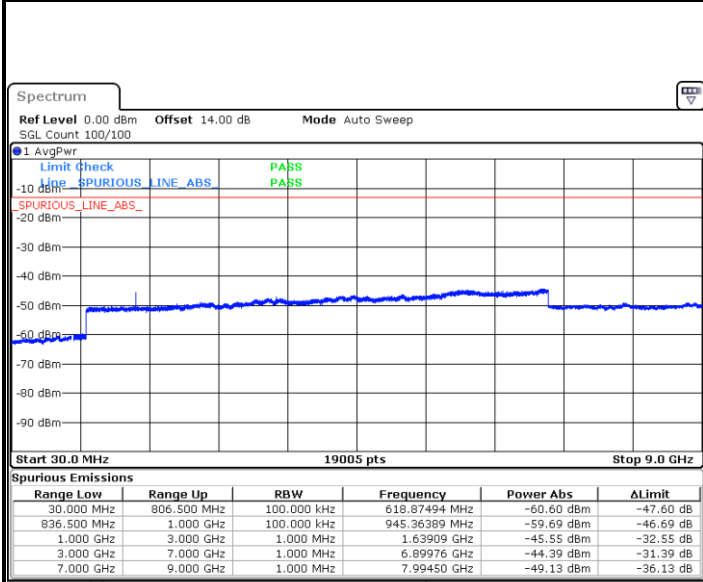


Date: 11.FEB.2021 10:05:11



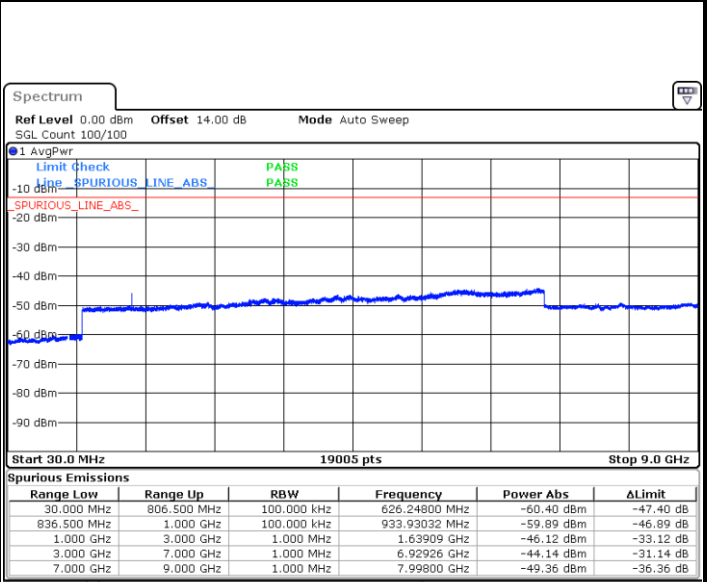
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 11.FEB.2021 10:06:20

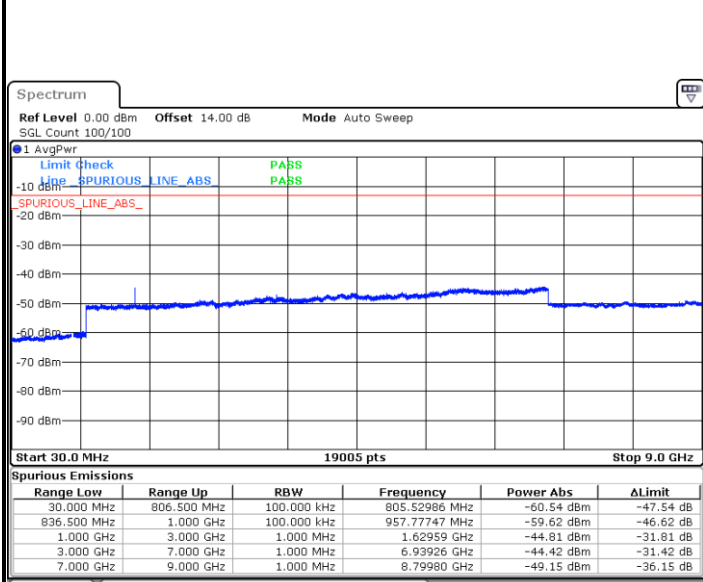
Highest Channel / 16QAM



Date: 11.FEB.2021 10:07:15

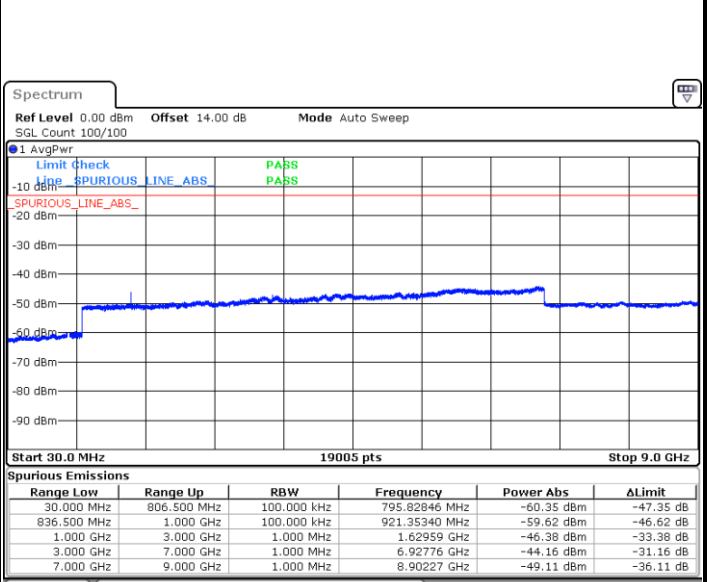
LTE Band 26 / 10MHz

Middle Channel / QPSK

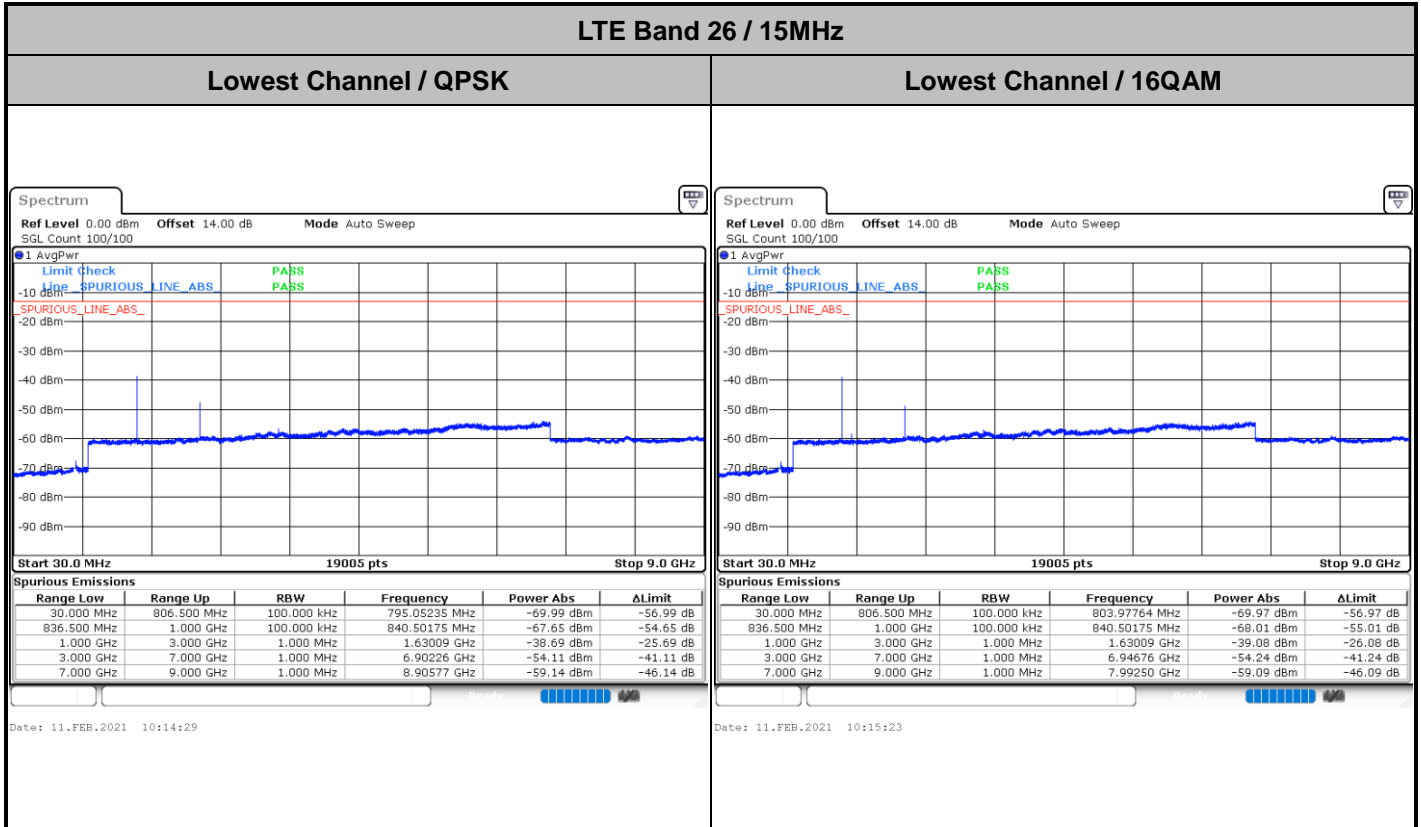


Date: 11.FEB.2021 10:10:52

Middle Channel / 16QAM



Date: 11.FEB.2021 10:12:40

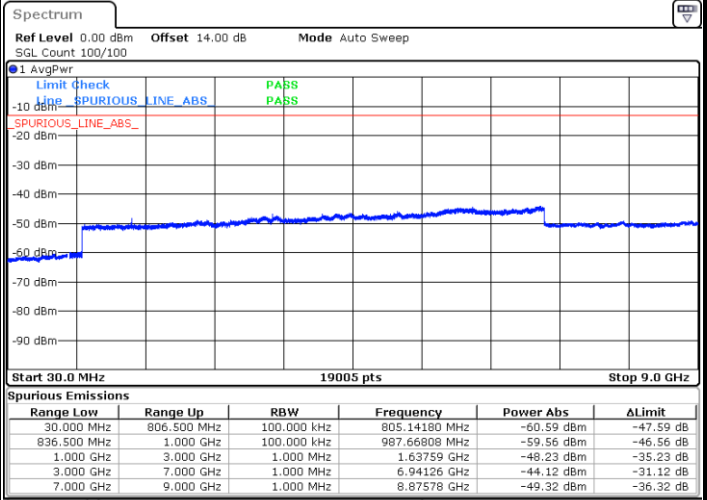
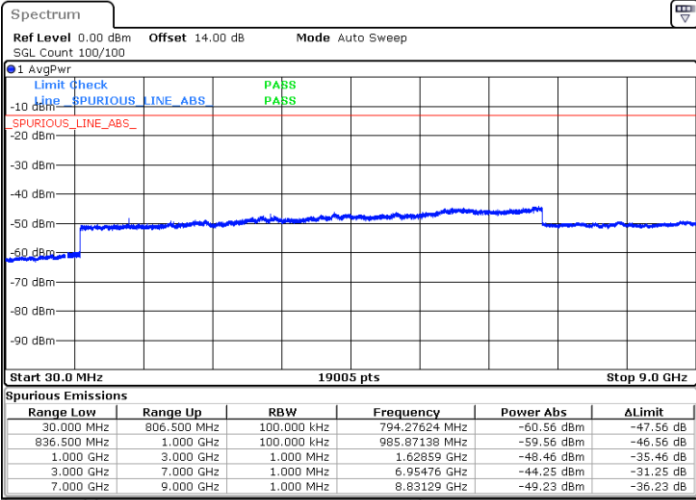




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

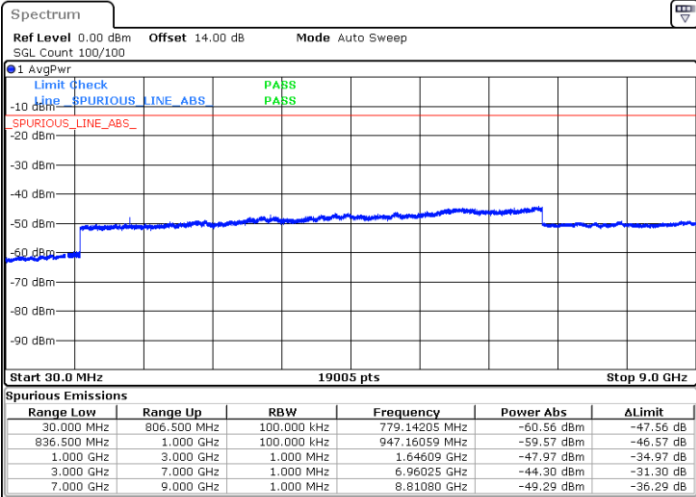
Middle Channel / 64QAM



Date: 11.FEB.2021 09:05:10

Date: 11.FEB.2021 09:06:04

Highest Channel / 64QAM



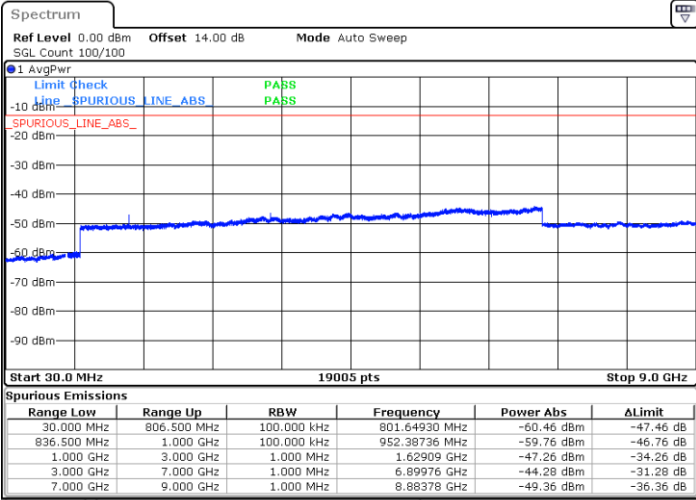
Date: 11.FEB.2021 09:08:33



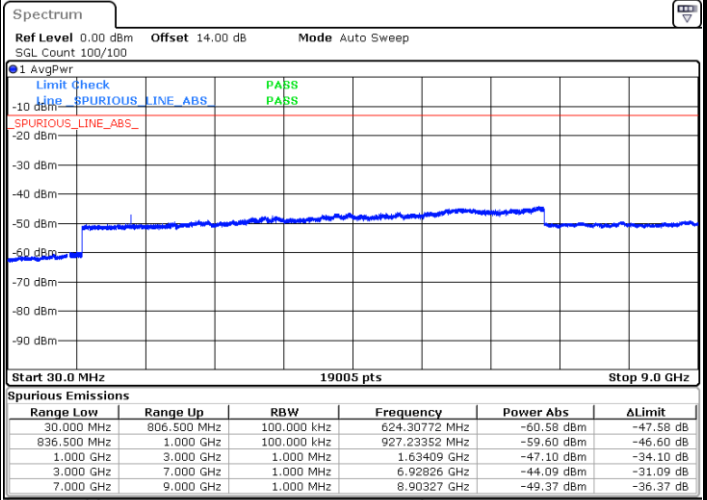
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

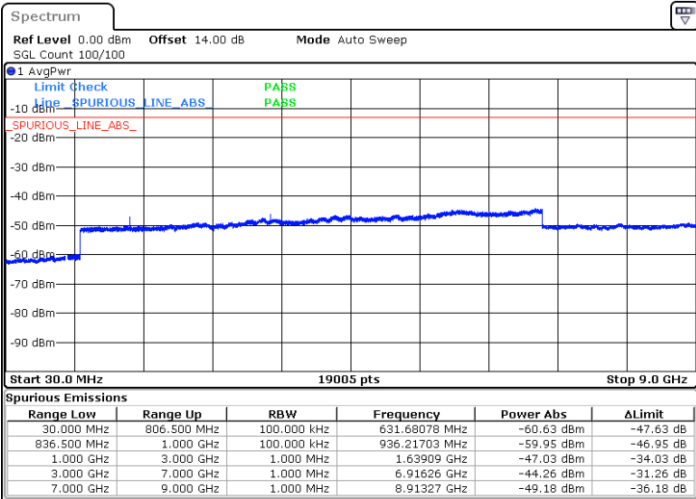


Date: 11.FEB.2021 10:08:09

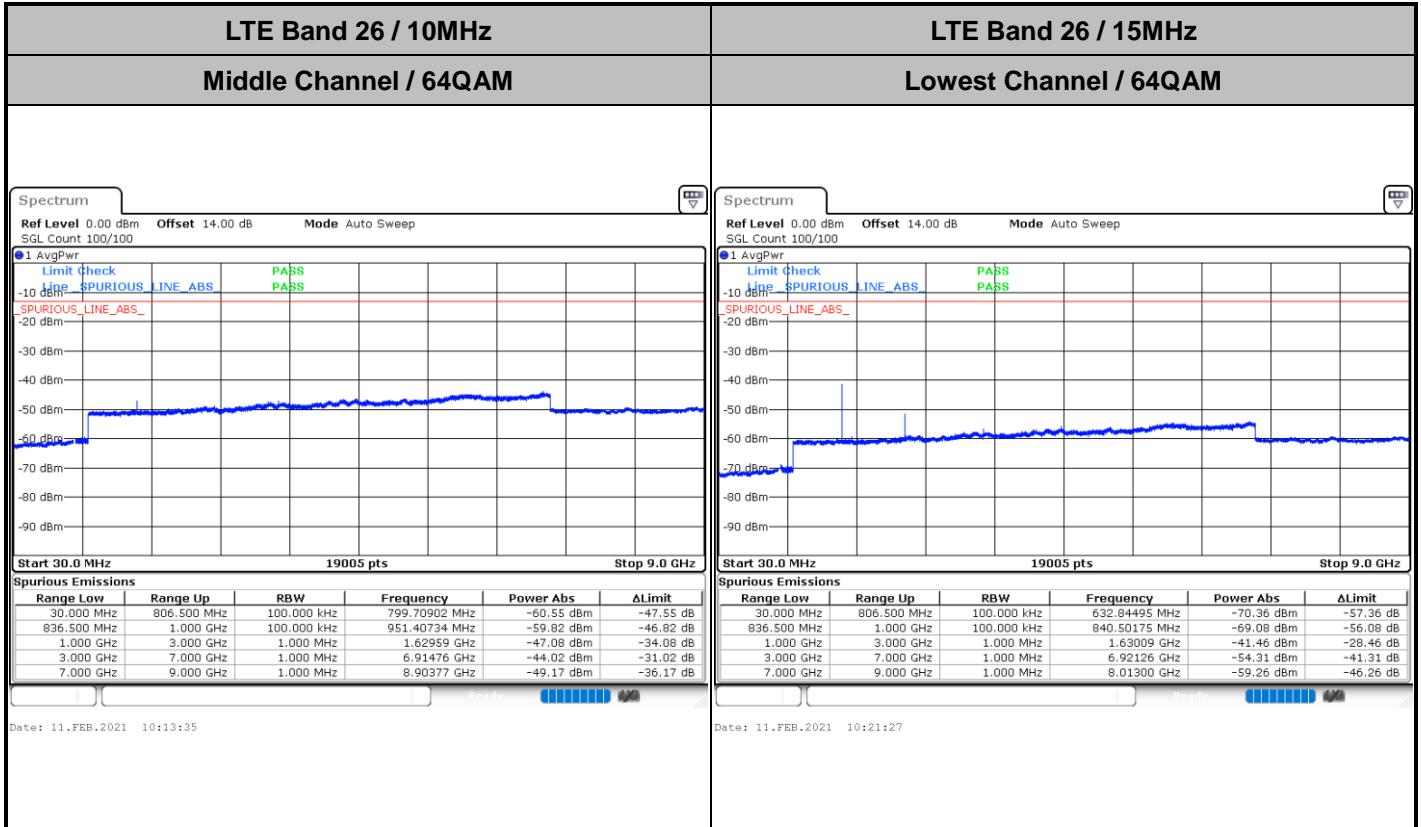


Date: 11.FEB.2021 10:09:03

Highest Channel / 64QAM



Date: 11.FEB.2021 10:09:58





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	0.0045	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0047	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 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

Top Antenna

LTE Band 26 / 5MHz / 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	-61.52	-13	-48.52	-70.09	-64.75	3.98	9.36	H
	2450.25	-63.65	-13	-50.65	-75.65	-67.20	4.85	10.55	H
	3267	-61.88	-13	-48.88	-76.69	-66.81	5.50	12.58	H
	1633.5	-65.65	-13	-52.65	-74.17	-74.15	3.98	9.36	V
	2450.25	-63.34	-13	-50.34	-75.32	-75.80	4.85	10.55	V
	3267	-62.07	-13	-49.07	-76.74	-76.68	5.50	12.58	V

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

LTE Band 26 / 10MHz / 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	1629	-62.50	-13	-49.50	-71.17	-65.73	3.98	9.36	H
	2443.5	-63.22	-13	-50.22	-75.21	-66.77	4.85	10.55	H
	3258	-61.65	-13	-48.65	-76.49	-66.58	5.50	12.58	H
	1629	-63.56	-13	-50.56	-72.15	-74.15	3.98	9.36	V
	2443.5	-63.42	-13	-50.42	-75.38	-75.80	4.85	10.55	V
	3258	-61.94	-13	-48.94	-76.62	-76.68	5.50	12.58	V

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

LTE Band 26 / 15MHz / 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)
Lowest	1629.5	-63.24	-13	-50.24	-71.90	-66.47	3.98	9.36	H
	2444.25	-63.51	-13	-50.51	-75.50	-67.06	4.85	10.55	H
	3259	-61.70	-13	-48.70	-76.54	-66.63	5.50	12.58	H
	1629.5	-65.52	-13	-52.52	-74.11	-68.75	3.98	9.36	V
	2444.25	-63.37	-13	-50.37	-75.33	-66.92	4.85	10.55	V
	3259	-62.12	-13	-49.12	-76.80	-67.05	5.50	12.58	V

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



Bottom Antenna

LTE Band 26 / 5MHz / 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	-64.70	-13	-51.70	-73.27	-67.93	3.98	9.36	H
	2450.25	-63.07	-13	-50.07	-75.07	-66.62	4.85	10.55	H
	3267	-60.60	-13	-47.60	-75.41	-65.53	5.50	12.58	H
	1633.5	-65.23	-13	-52.23	-73.75	-68.46	3.98	9.36	V
	2450.25	-62.96	-13	-49.96	-74.94	-66.51	4.85	10.55	V
	3267	-61.25	-13	-48.25	-75.92	-66.18	5.50	12.58	V

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

LTE Band 26 / 10MHz / 16QAM									
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	1629	-64.70	-13	-51.70	-73.37	-67.93	3.98	9.36	H
	2443.5	-63.06	-13	-50.06	-75.05	-66.61	4.85	10.55	H
	3258	-60.91	-13	-47.91	-75.75	-65.84	5.50	12.58	H
	1629	-64.92	-13	-51.92	-73.51	-68.15	3.98	9.36	V
	2443.5	-63.24	-13	-50.24	-75.20	-66.79	4.85	10.55	V
	3258	-61.07	-13	-48.07	-75.75	-66.00	5.50	12.58	V

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

LTE Band 26 / 15MHz / 16QAM									
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)
Lowest	1629.5	-64.56	-13	-51.56	-73.22	-67.79	3.98	9.36	H
	2444.25	-62.60	-13	-49.60	-74.59	-66.15	4.85	10.55	H
	3259	-60.95	-13	-47.95	-75.79	-65.88	5.50	12.58	H
	1629.5	-65.17	-13	-52.17	-73.76	-68.40	3.98	9.36	V
	2444.25	-62.93	-13	-49.93	-74.89	-66.48	4.85	10.55	V
	3259	-61.31	-13	-48.31	-75.99	-66.24	5.50	12.58	V

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