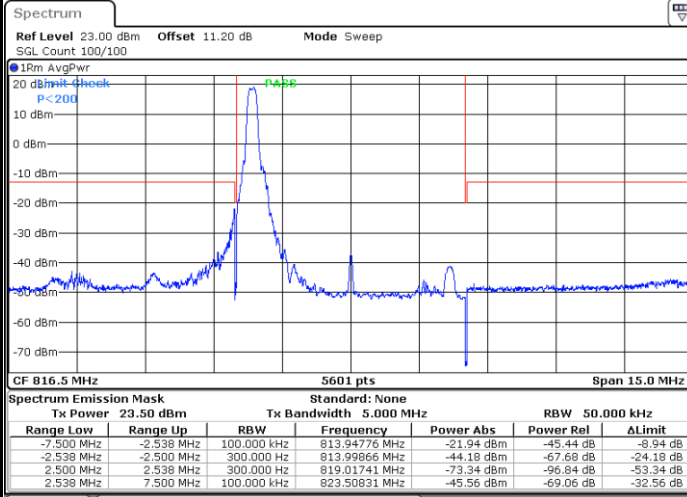




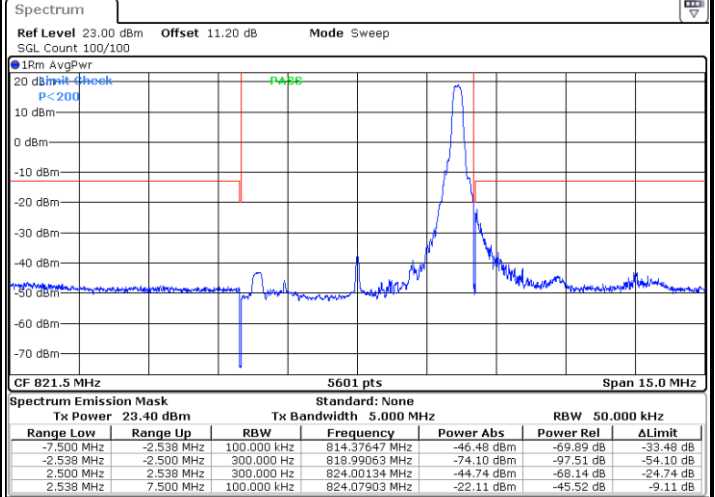
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



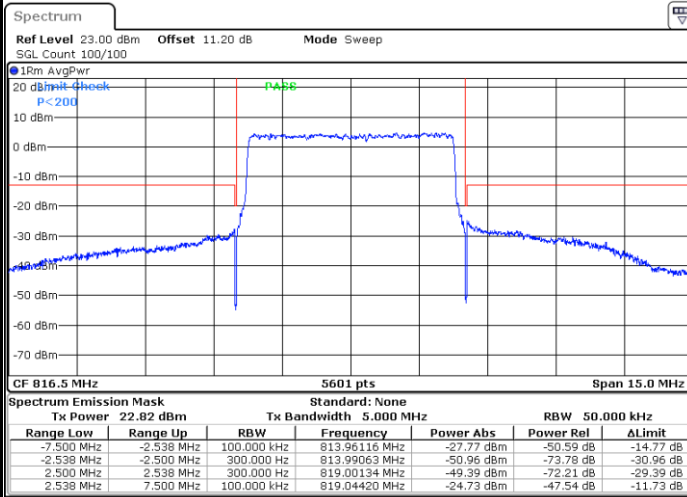
Date: 26.SEP.2020 01:32:25

Highest Band Edge / 1 RB



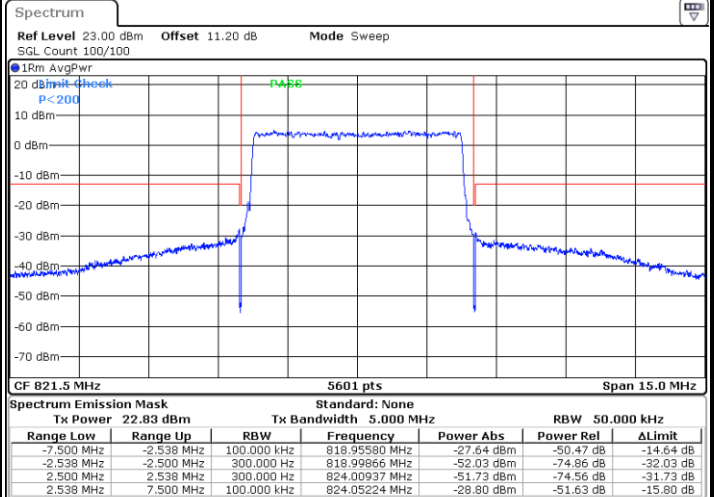
Date: 26.SEP.2020 01:34:26

Lowest Band Edge / Full RB



Date: 26.SEP.2020 01:33:25

Highest Band Edge / Full RB

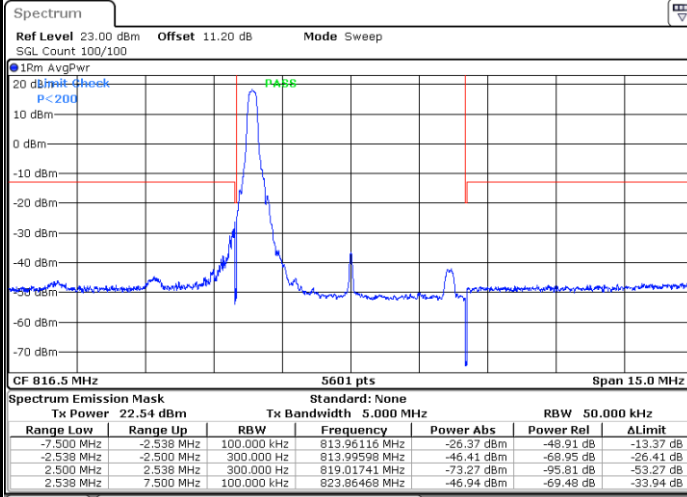


Date: 26.SEP.2020 01:35:26



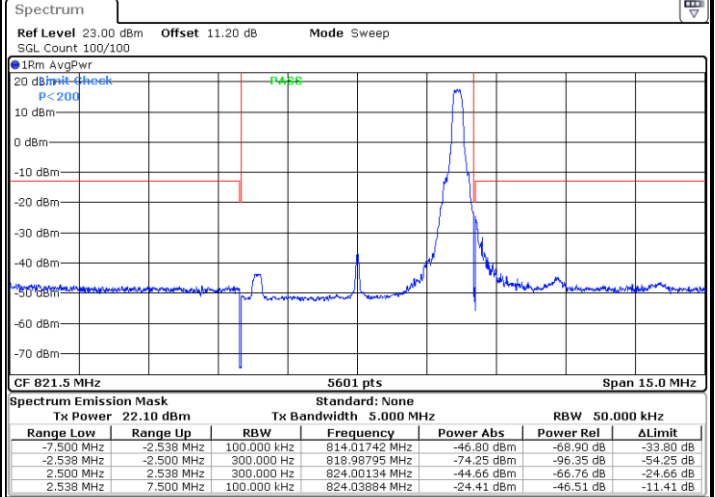
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



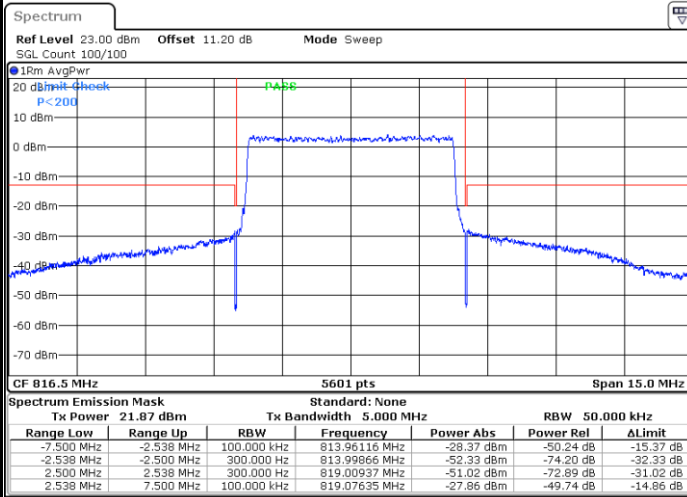
Date: 26.SEP.2020 01:44:03

Highest Band Edge / 1 RB



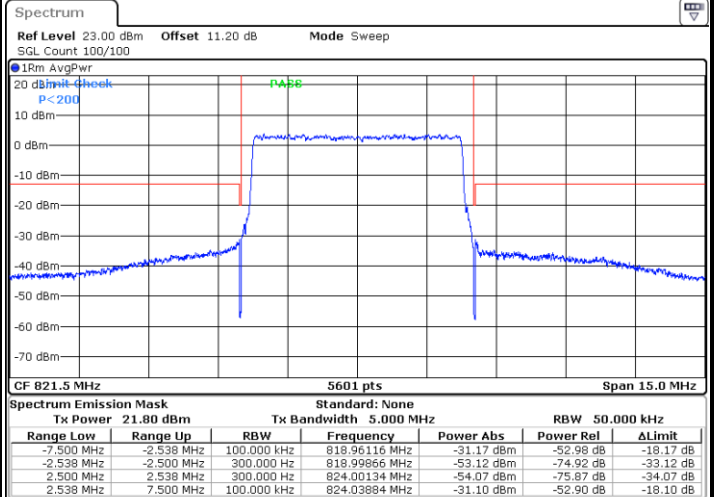
Date: 26.SEP.2020 01:45:04

Lowest Band Edge / Full RB



Date: 26.SEP.2020 01:44:34

Highest Band Edge / Full RB

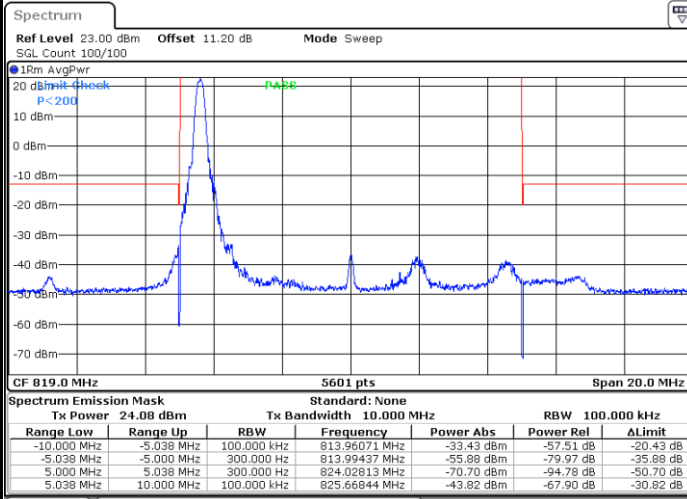


Date: 26.SEP.2020 01:45:34



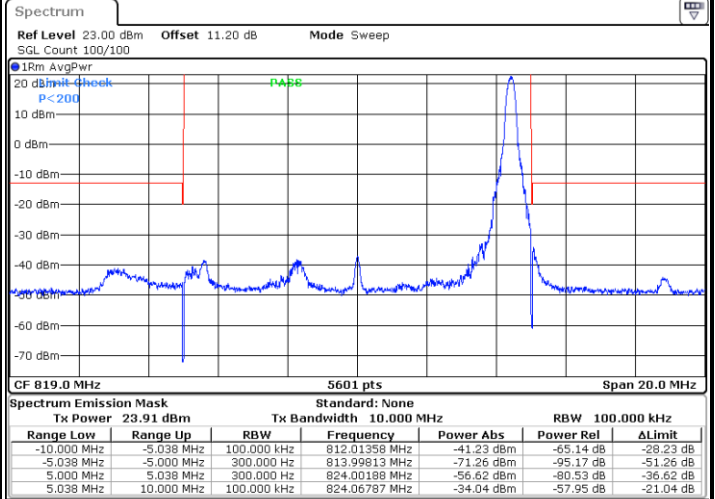
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



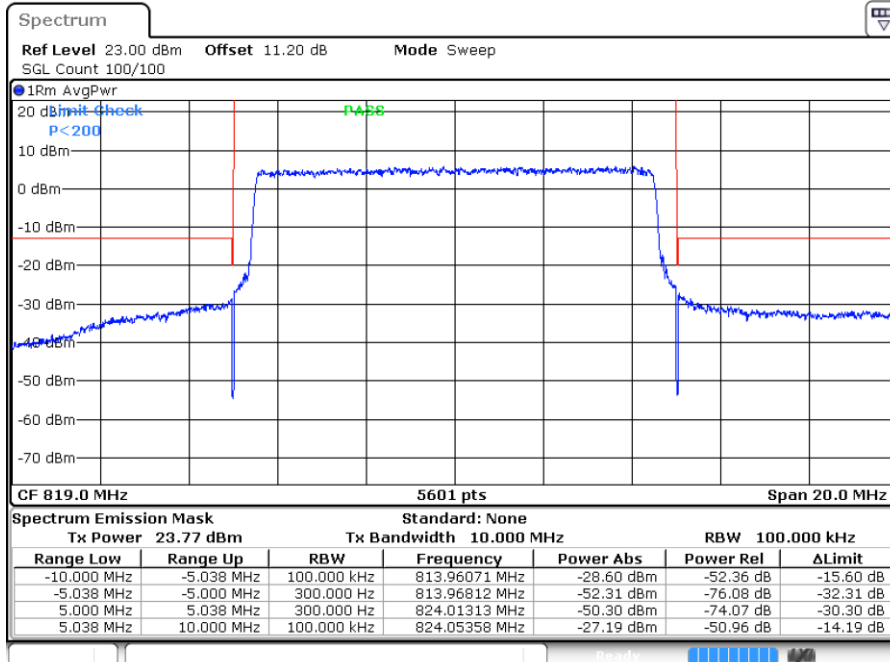
Date: 26.SEP.2020 01:35:57

Highest Band Edge / 1 RB



Date: 26.SEP.2020 01:36:57

Band Edge / Full RB

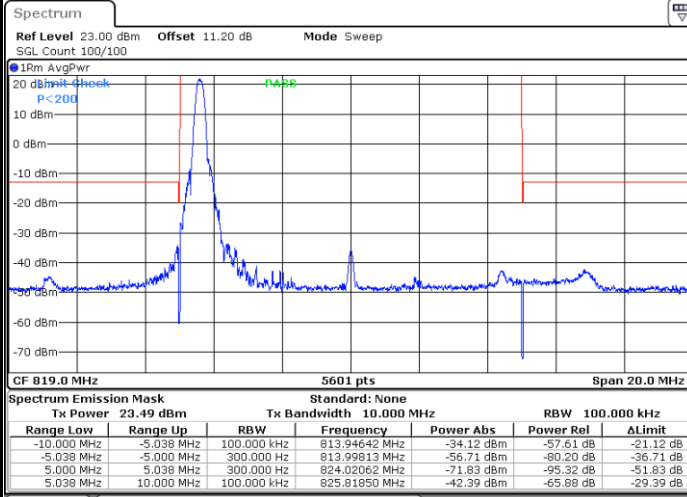


Date: 26.SEP.2020 01:37:58



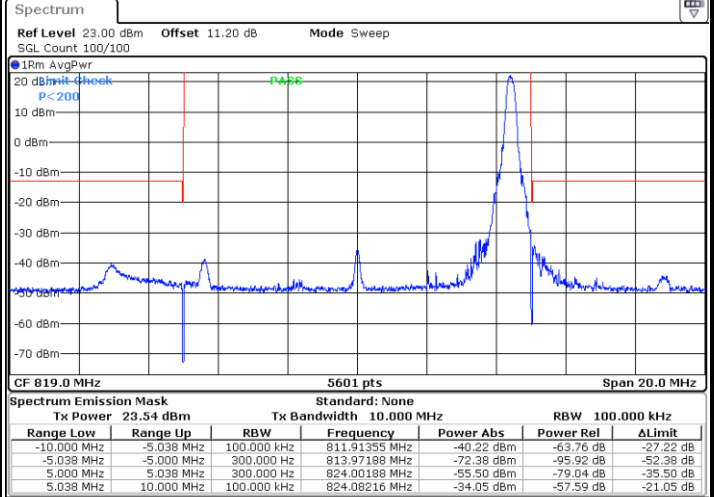
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



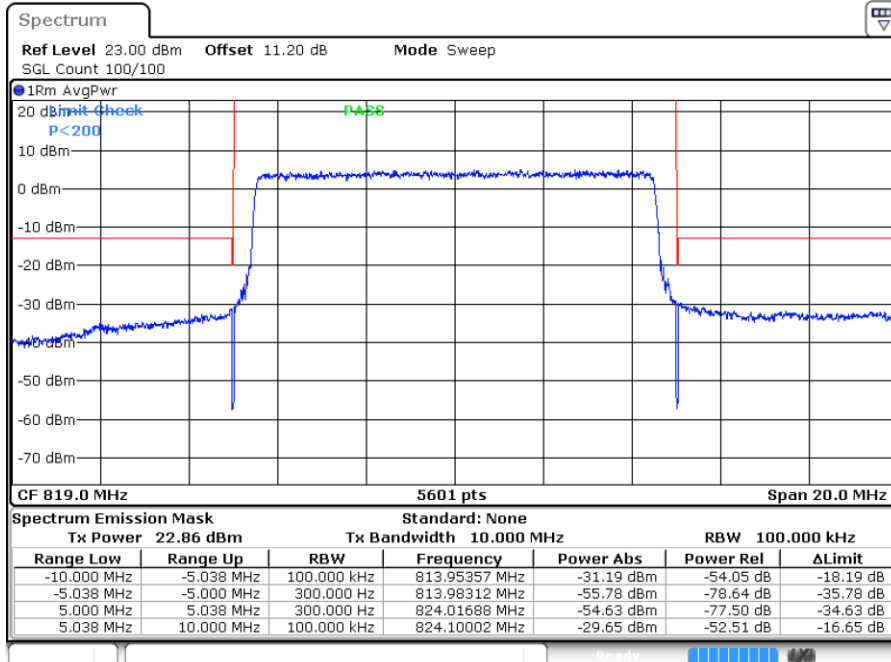
Date: 26.SEP.2020 01:36:27

Highest Band Edge / 1 RB



Date: 26.SEP.2020 01:37:28

Band Edge / Full RB

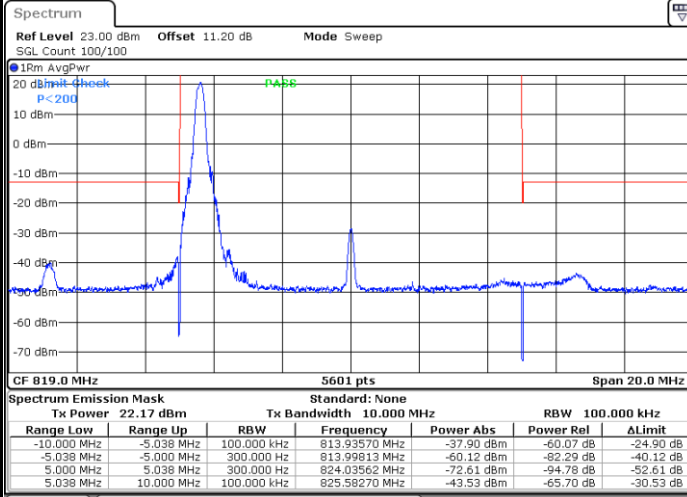


Date: 26.SEP.2020 01:38:28



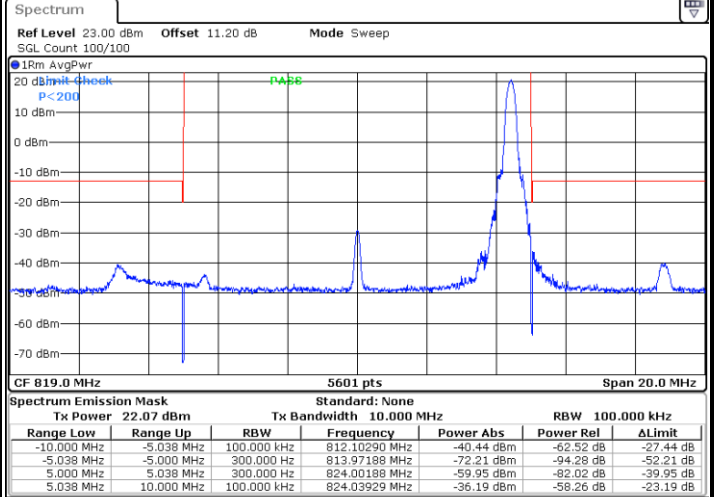
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



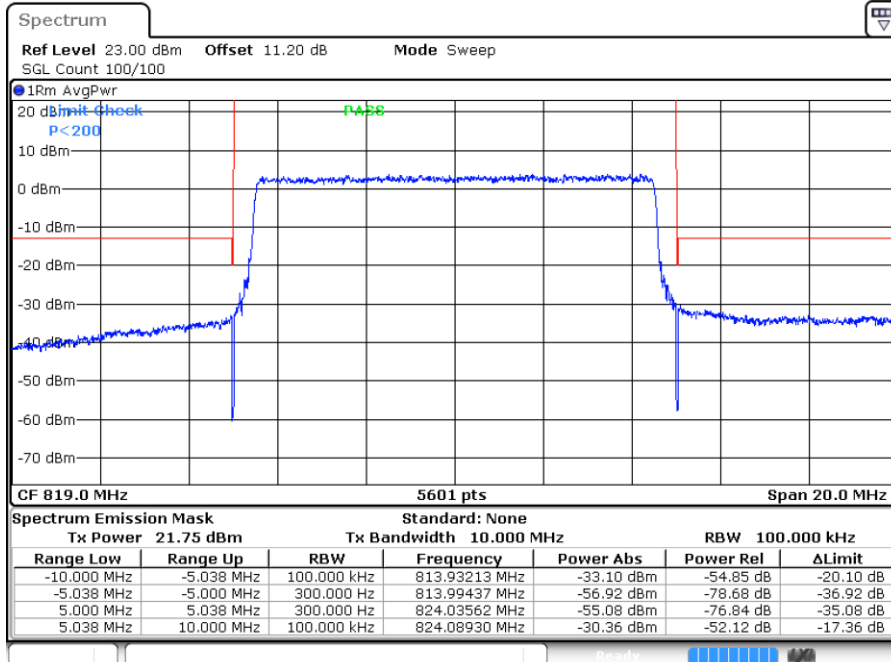
Date: 27.SEP.2020 22:04:25

Highest Band Edge / 1 RB



Date: 27.SEP.2020 22:04:55

Band Edge / Full RB

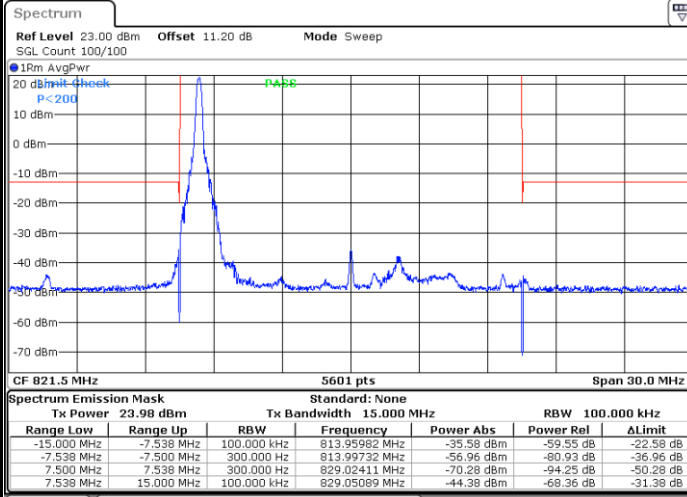


Date: 27.SEP.2020 22:05:25



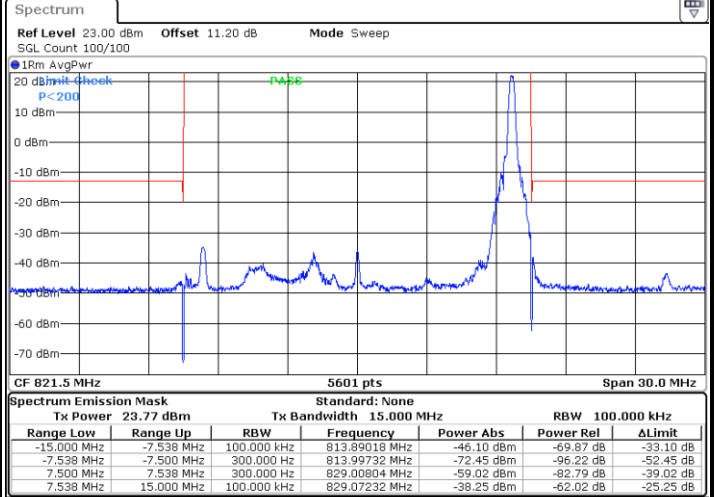
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



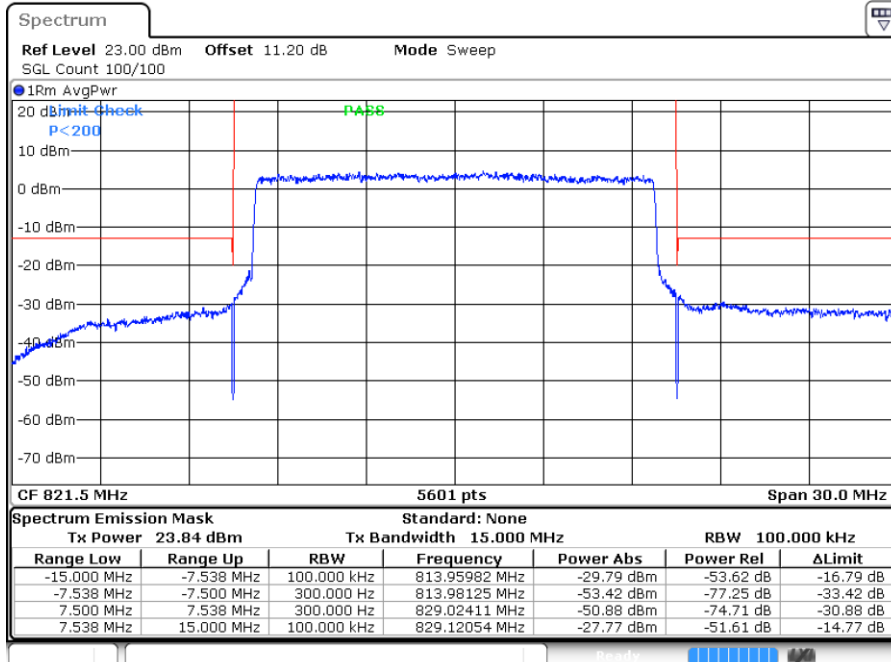
Date: 26.SEP.2020 01:38:59

Highest Band Edge / 1 RB



Date: 26.SEP.2020 01:39:59

Lowest Band Edge / Full RB

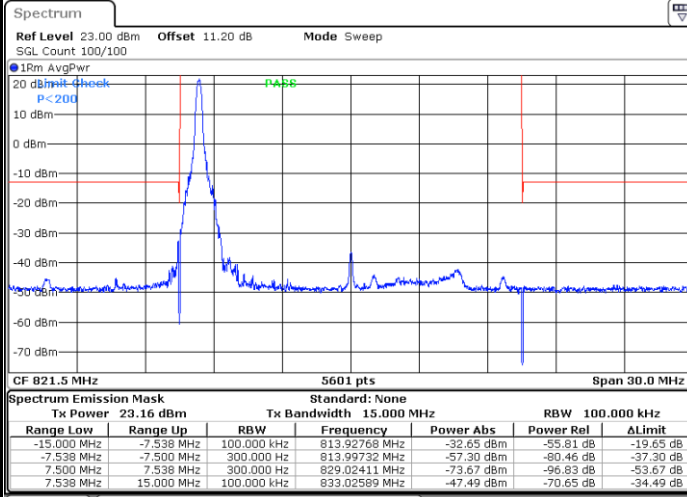


Date: 26.SEP.2020 01:41:00



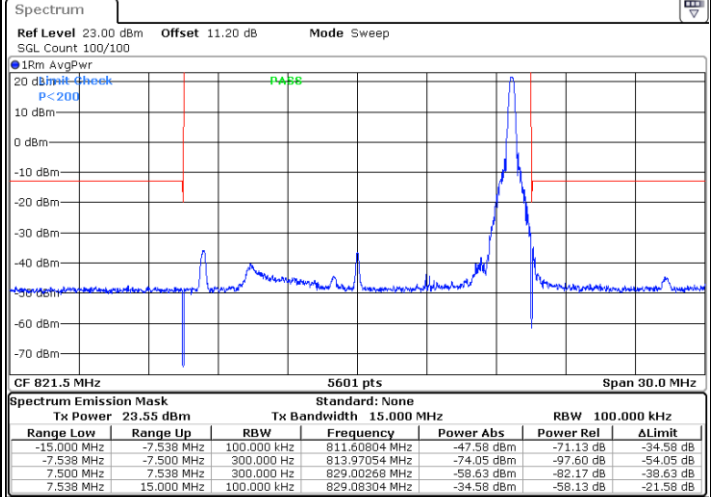
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



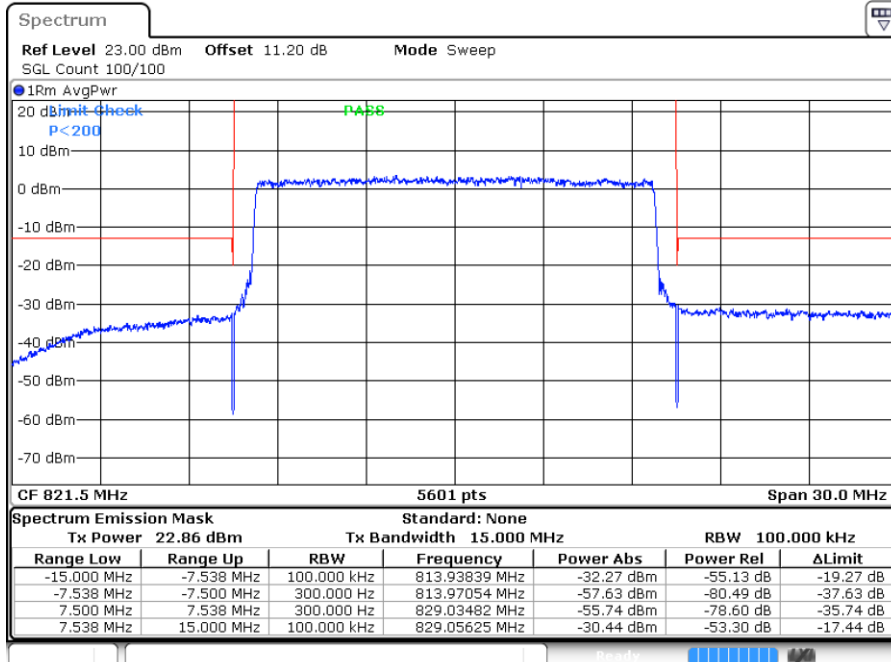
Date: 26.SEP.2020 01:39:29

Highest Band Edge / 1 RB



Date: 26.SEP.2020 01:40:29

Lowest Band Edge / Full RB

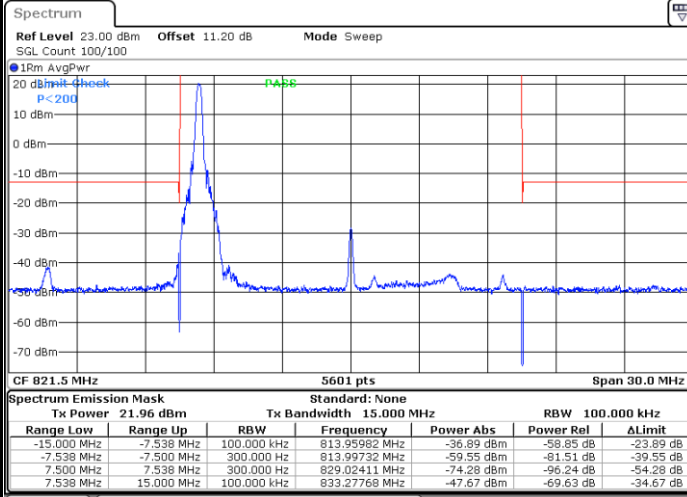


Date: 26.SEP.2020 01:41:30



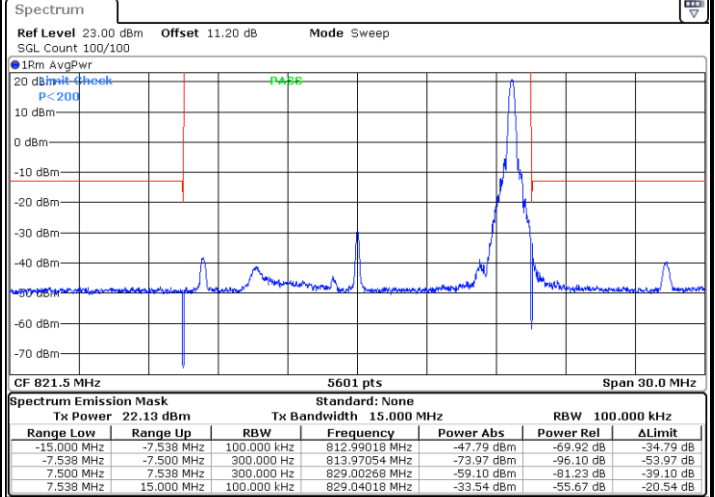
LTE Band 26 / 15MHz 64QAM

Lowest Band Edge / 1 RB



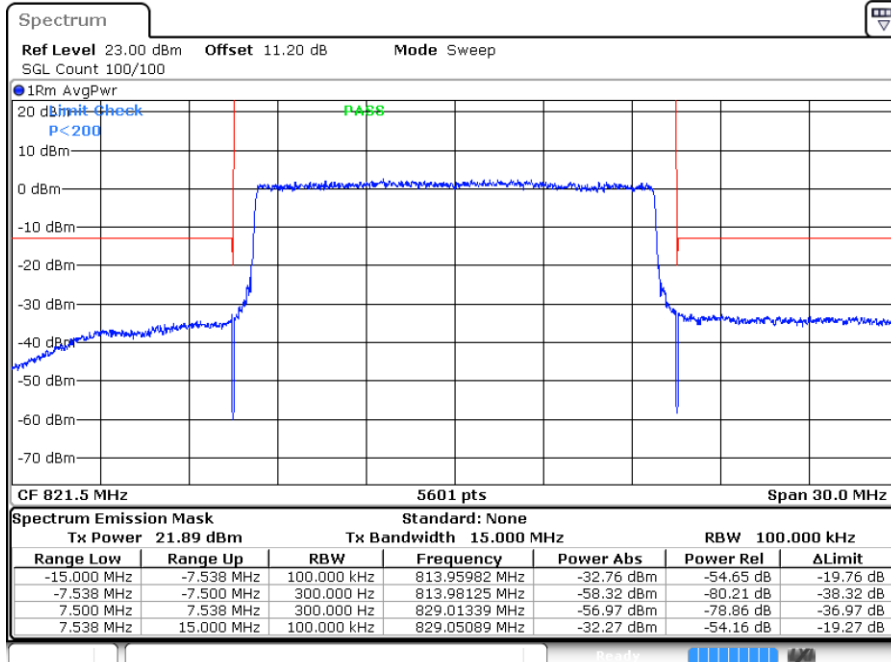
Date: 27.SEP.2020 22:05:56

Highest Band Edge / 1 RB



Date: 27.SEP.2020 22:06:26

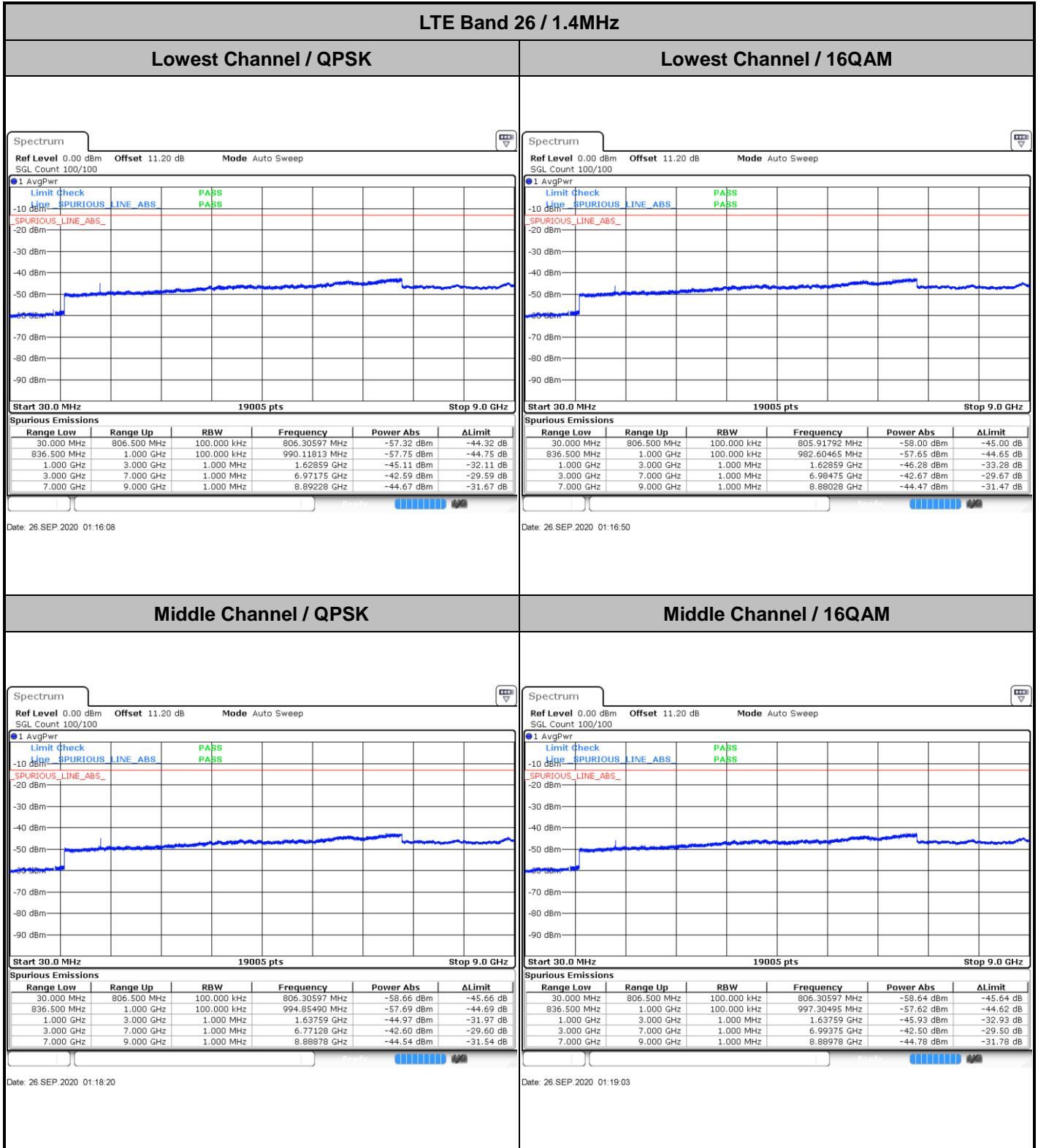
Lowest Band Edge / Full RB



Date: 27.SEP.2020 22:06:57



Emission masks – Out of band emissions

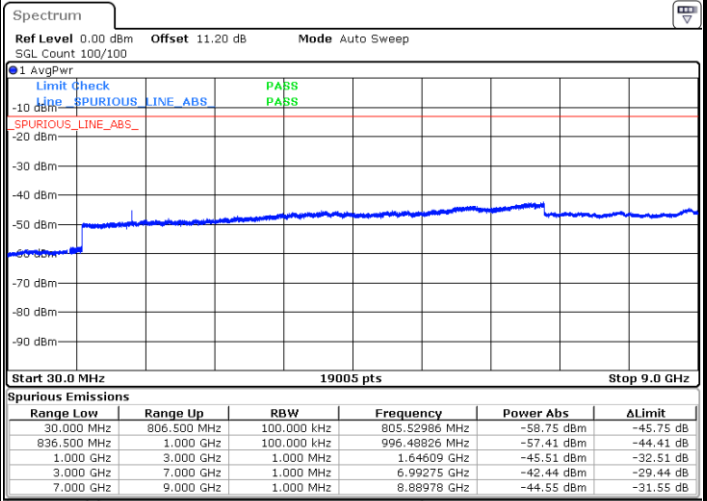
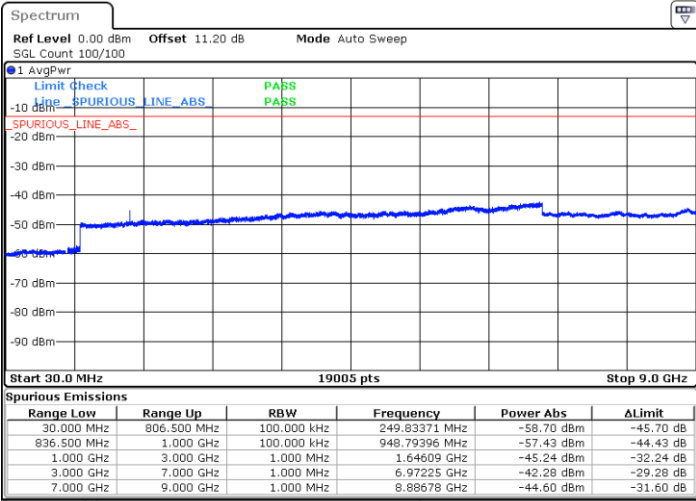




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



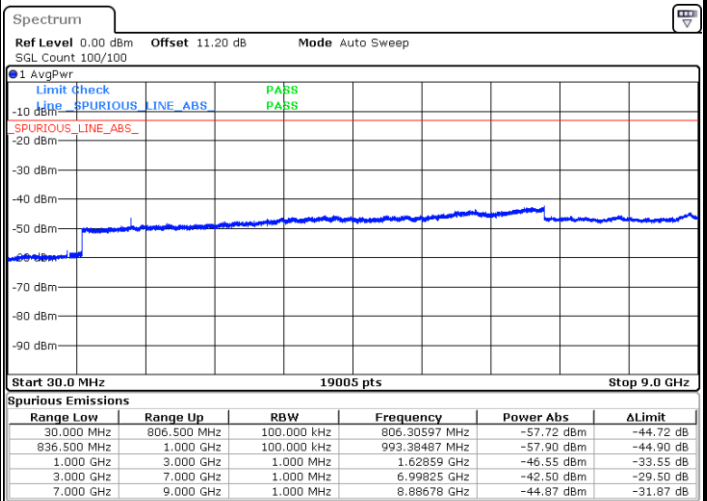
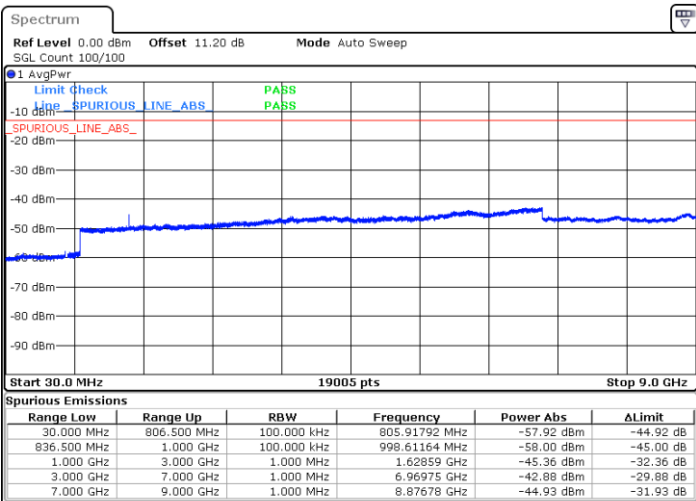
Date: 26 SEP.2020 01:20:33

Date: 26 SEP.2020 01:21:16

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 27 SEP.2020 22:18:45

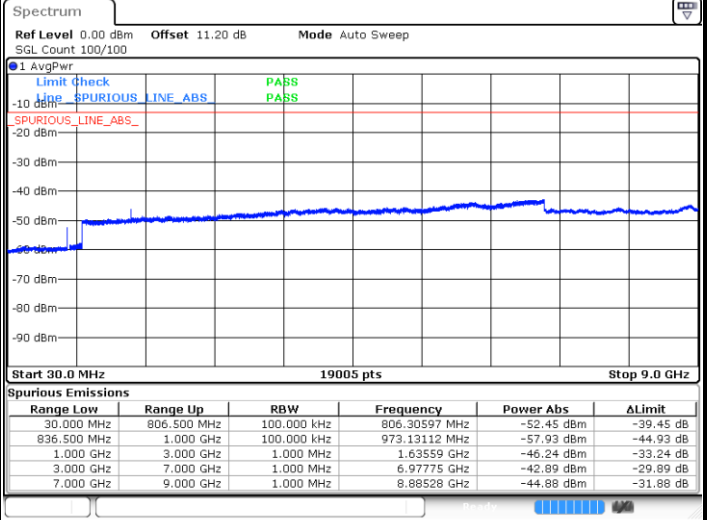
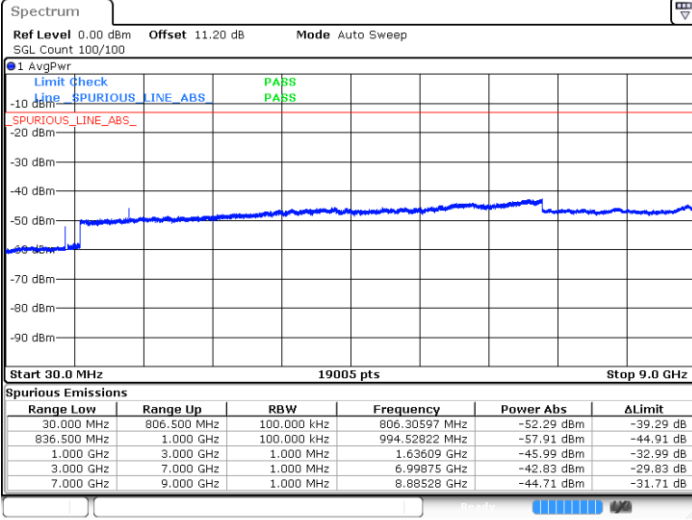
Date: 27 SEP.2020 22:19:28



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

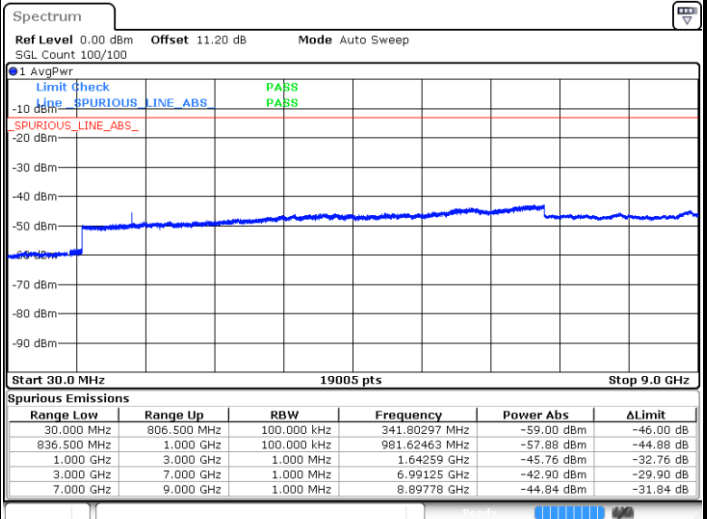
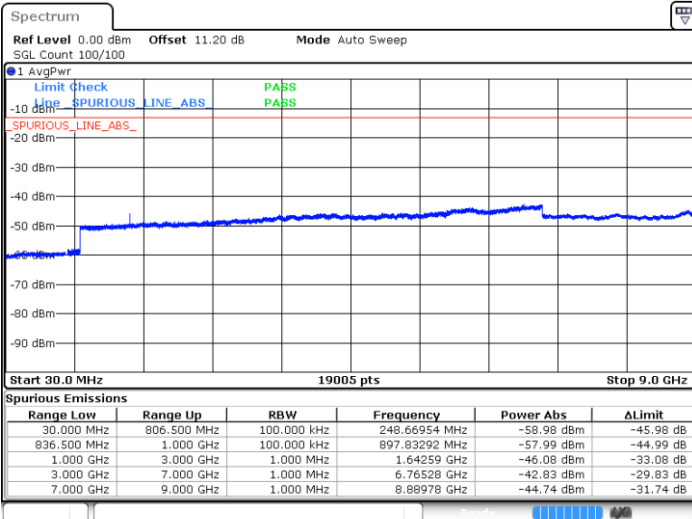


Date: 27.SEP.2020 22:20:59

Date: 27.SEP.2020 22:21:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.SEP.2020 22:23:12

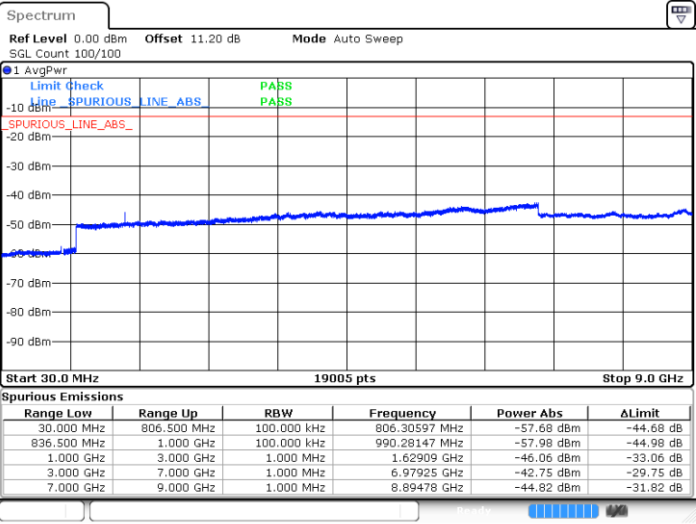
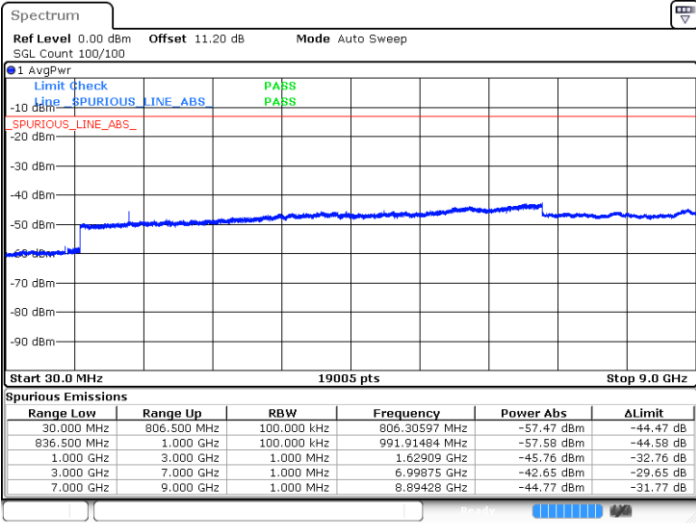
Date: 27.SEP.2020 22:23:54



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

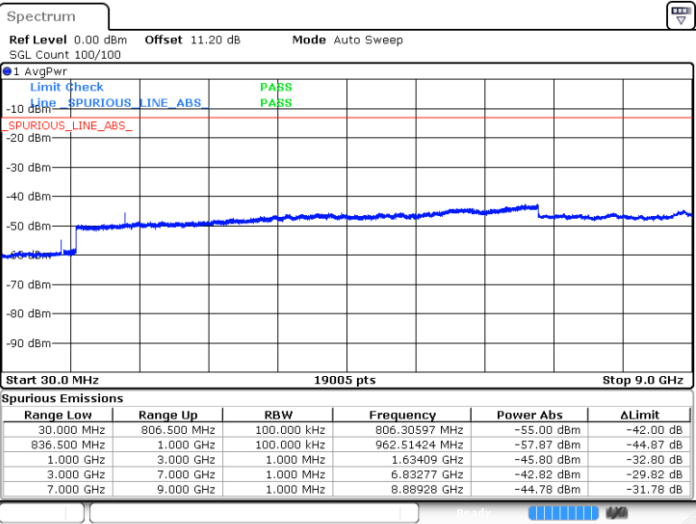
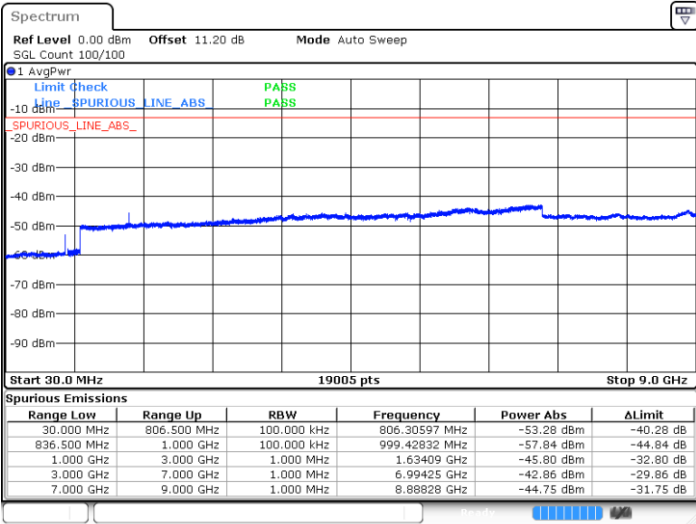


Date: 27.SEP.2020 22:25:25

Date: 27.SEP.2020 22:26:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 27.SEP.2020 22:27:37

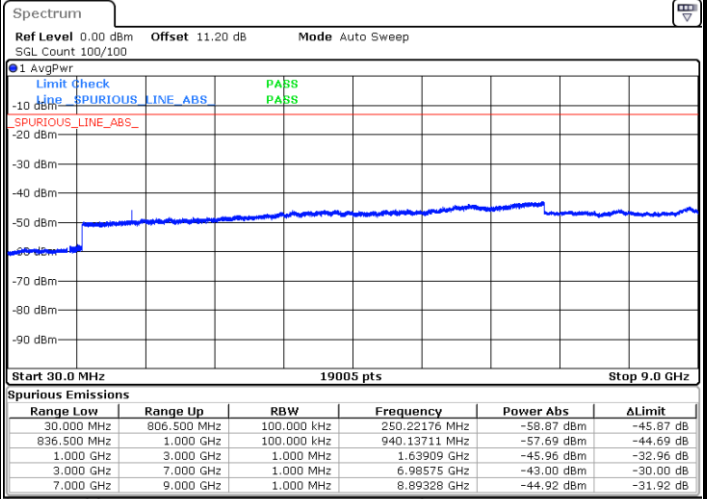
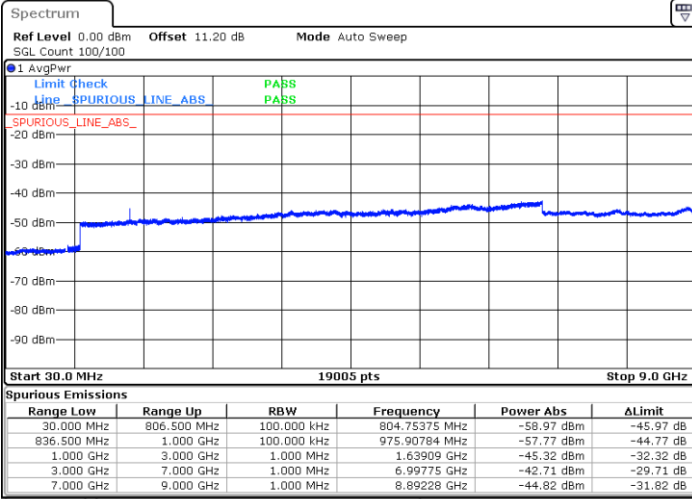
Date: 27.SEP.2020 22:28:19



LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



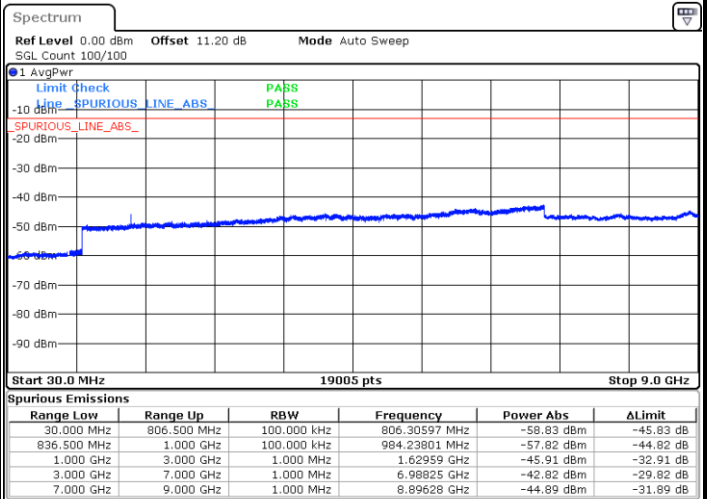
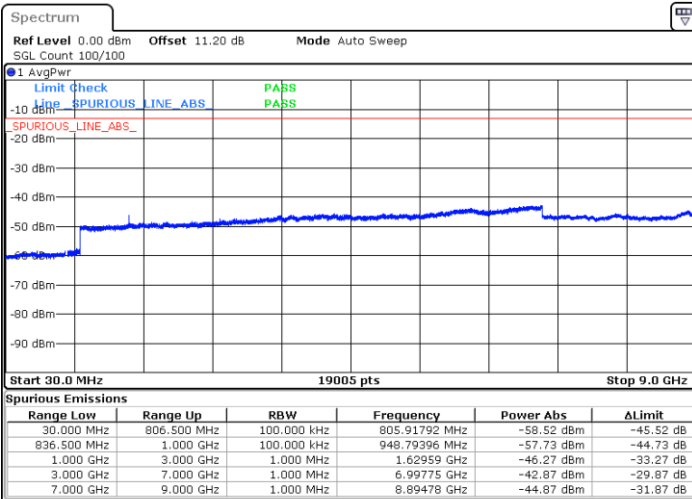
Date: 27.SEP.2020 22:29:50

Date: 27.SEP.2020 22:30:32

LTE Band 26 / 10MHz

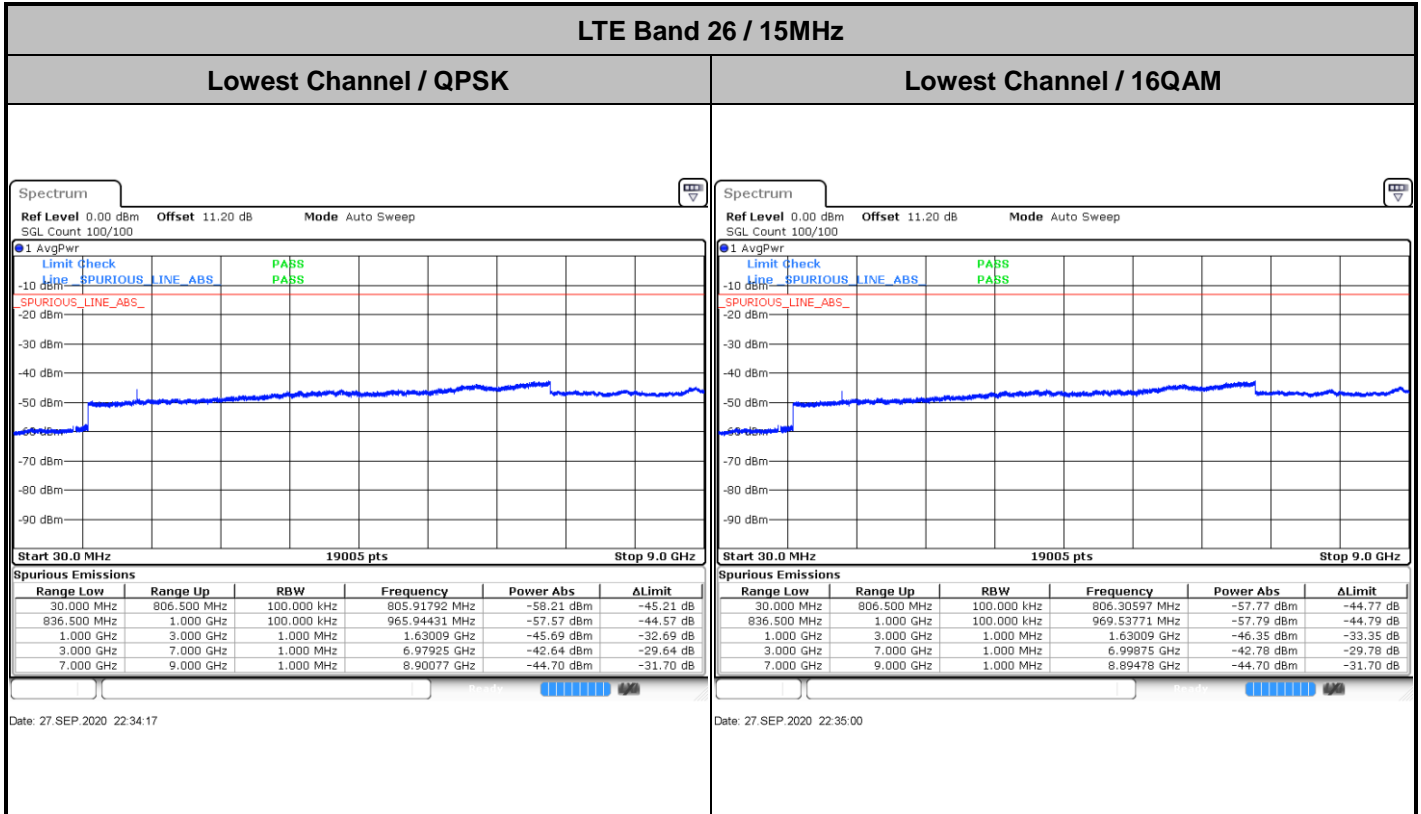
Middle Channel / QPSK

Middle Channel / 16QAM



Date: 27.SEP.2020 22:32:04

Date: 27.SEP.2020 22:32:46

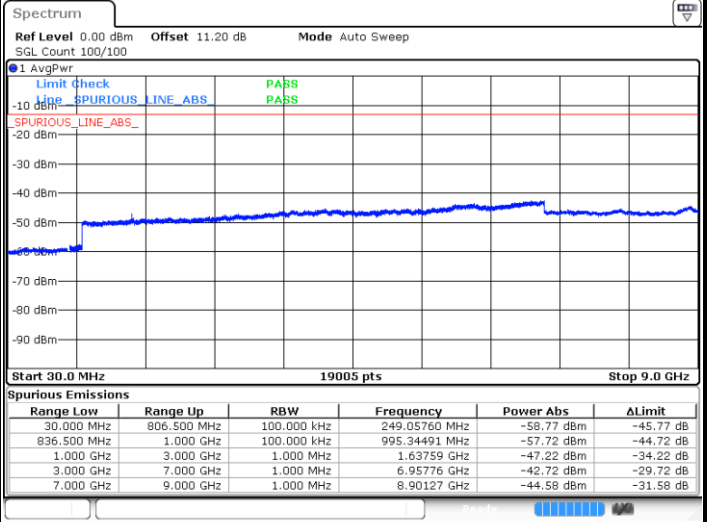
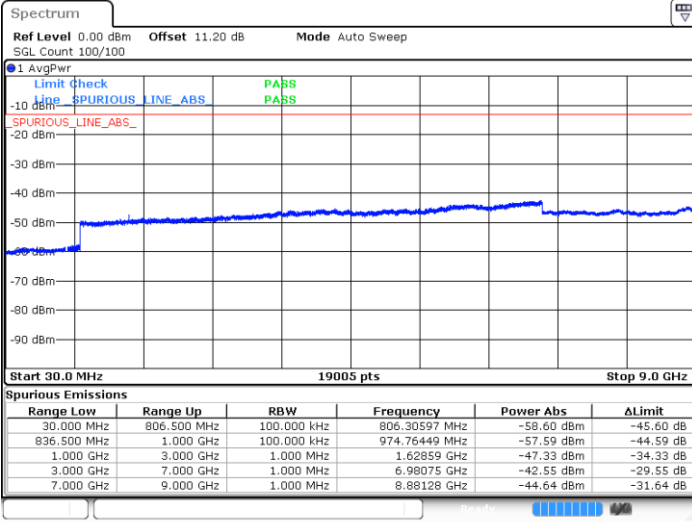




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

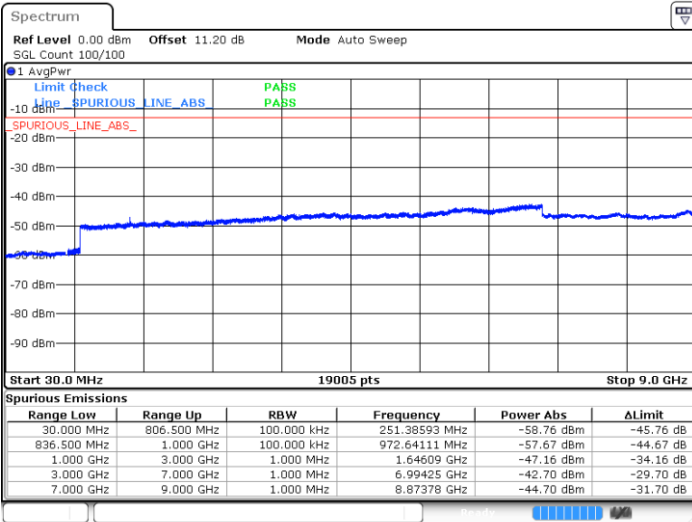
Middle Channel / 64QAM



Date: 26 SEP 2020 01:12:25

Date: 26 SEP 2020 01:13:31

Highest Channel / 64QAM



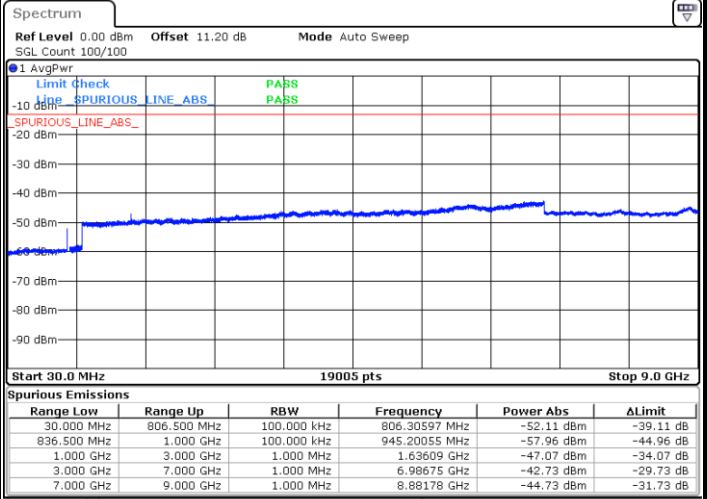
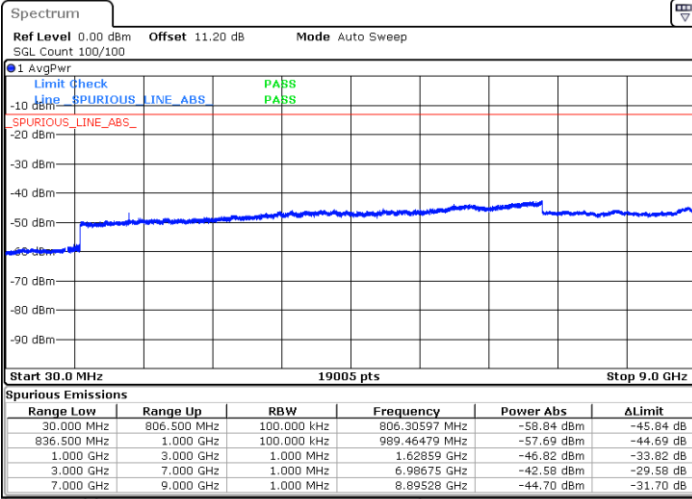
Date: 26 SEP 2020 01:14:38



LTE Band 26 / 3MHz

Lowest Channel / 64QAM

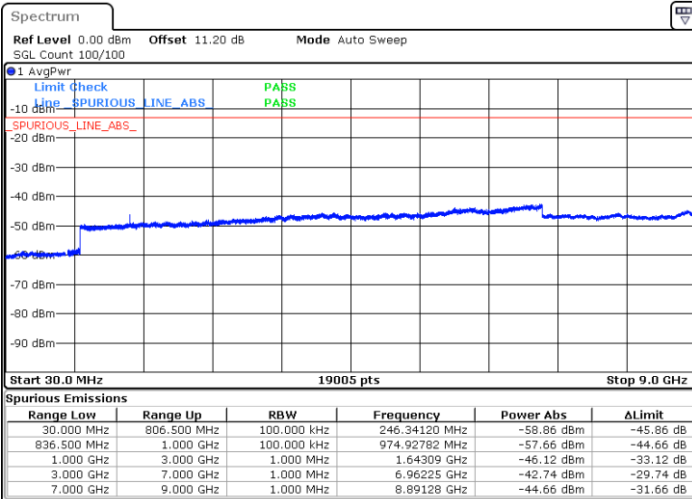
Middle Channel / 64QAM



Date: 27.SEP.2020 22:08:04

Date: 27.SEP.2020 22:09:10

Highest Channel / 64QAM



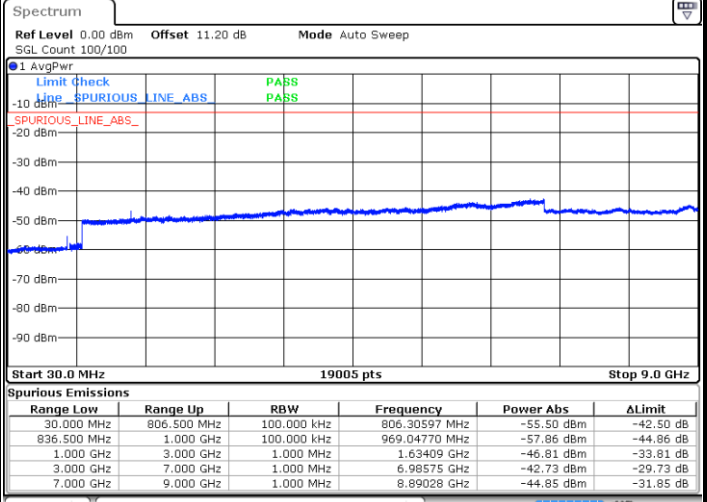
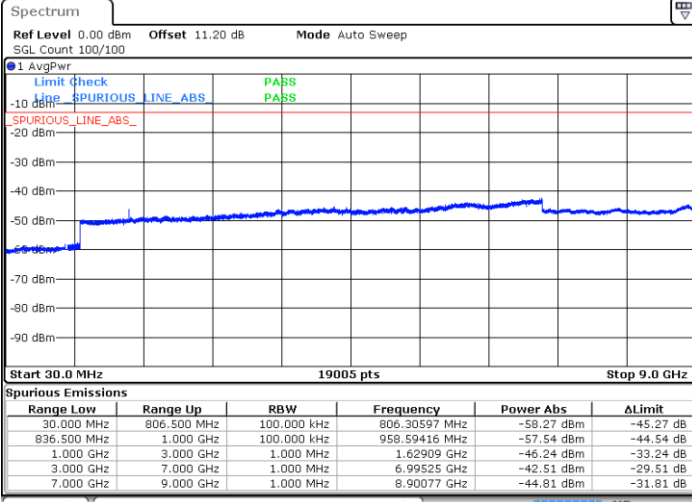
Date: 27.SEP.2020 22:10:17



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

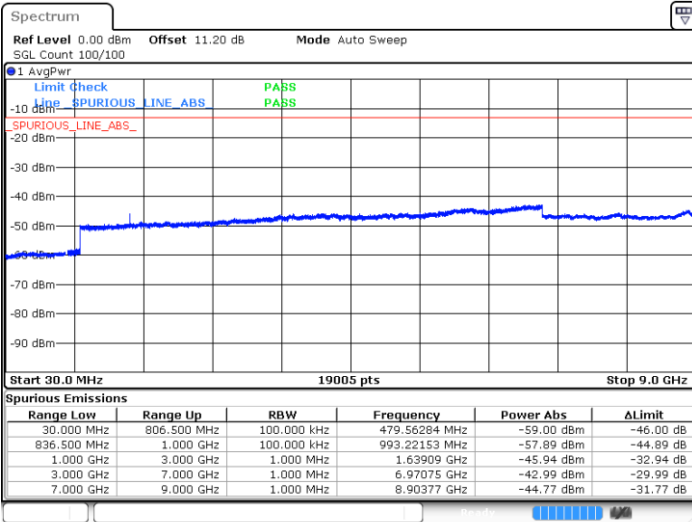
Middle Channel / 64QAM



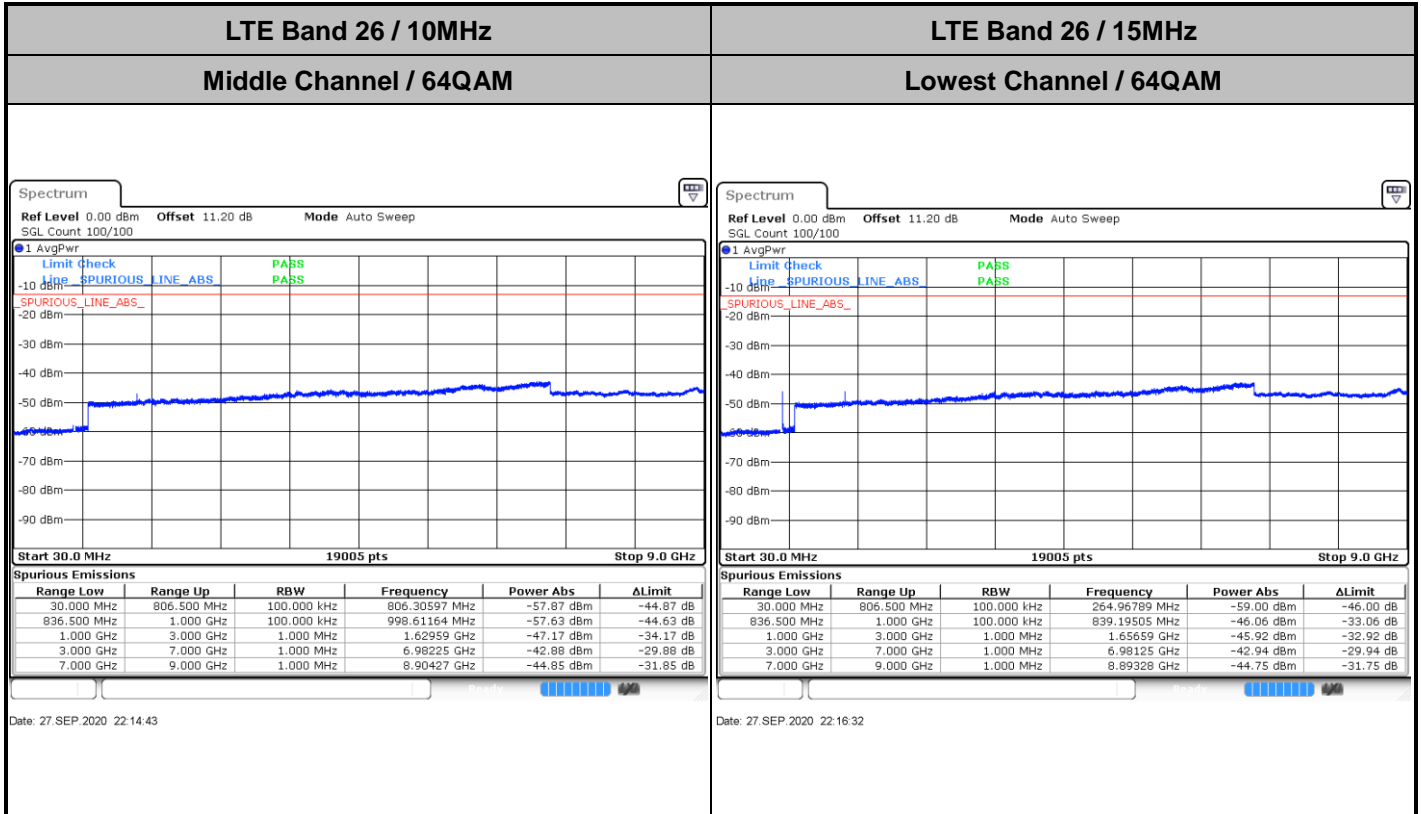
Date: 27.SEP.2020 22:11:23

Date: 27.SEP.2020 22:12:29

Highest Channel / 64QAM



Date: 27.SEP.2020 22:13:36





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	0.0148	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0158	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0155	
0	Normal Voltage	0.0104	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0109	
-30	Normal Voltage	0.0110	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.39 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0129	PASS
40	Normal Voltage	0.0140	
30	Normal Voltage	0.0134	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0157	
-20	Normal Voltage	0.0138	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0114	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.39 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.15	0.3273	23.12	0.2051
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	37	23.88	0.2443	21.85	0.1531
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	23.02	0.2004	20.99	0.1256
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission

<For SIM 1>

LTE Band 26

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)
Lowest	1628	-49.41	-13	-36.41	-59.63	-56.32	0.52	9.58	H
	2443	-34.70	-13	-21.70	-48.68	-42.66	0.64	10.75	H
	3257	-44.80	-13	-31.80	-61.32	-53.77	0.75	11.87	H
	4071	-42.06	-13	-29.06	-59.84	-51.41	0.87	12.37	H
	4886	-43.88	-13	-30.88	-64.99	-53.55	0.38	12.20	H
	1628	-48.64	-13	-35.64	-58.67	-55.55	0.52	9.58	V
	2443	-32.17	-13	-19.17	-46.75	-40.13	0.64	10.75	V
	3257	-54.32	-13	-41.32	-70.98	-63.29	0.75	11.87	V
	4071	-49.66	-13	-36.66	-68.57	-59.01	0.87	12.37	V
	4886	-41.60	-13	-28.60	-62.8	-51.27	0.38	12.20	V
Middle	1633	-50.35	-13	-37.35	-60.57	-57.27	0.52	9.59	H
	2450	-35.20	-13	-22.20	-49.12	-43.16	0.64	10.76	H
	3267	-46.88	-13	-33.88	-63.4	-55.88	0.75	11.90	H
	4084	-42.66	-13	-29.66	-60.47	-52.01	0.87	12.37	H
	4901	-43.63	-13	-30.63	-64.65	-53.23	0.45	12.20	H
	1633	-48.14	-13	-35.14	-58.18	-55.06	0.52	9.59	V
	2450	-34.37	-13	-21.37	-48.89	-42.33	0.64	10.76	V
	3267	-54.23	-13	-41.23	-70.86	-63.23	0.75	11.90	V
	4084	-49.24	-13	-36.24	-68.18	-58.59	0.87	12.37	V
	4901	-41.45	-13	-28.45	-62.58	-51.05	0.45	12.20	V



Highest	1638	-51.13	-13	-38.13	-61.49	-58.06	0.52	9.60	H
	2458	-36.17	-13	-23.17	-50.1	-44.14	0.65	10.77	H
	3277	-43.15	-13	-30.15	-59.69	-52.18	0.75	11.93	H
	4096	-40.73	-13	-27.73	-58.55	-50.08	0.87	12.36	H
	4916	-42.29	-13	-29.29	-63.2	-51.81	0.53	12.20	H
	1638	-46.74	-13	-33.74	-56.79	-53.67	0.52	9.60	V
	2458	-35.75	-13	-22.75	-50.24	-43.72	0.65	10.77	V
	3277	-51.86	-13	-38.86	-68.46	-60.89	0.75	11.93	V
	4096	-46.57	-13	-33.57	-65.54	-55.92	0.87	12.36	V
	4916	-39.61	-13	-26.61	-60.65	-49.13	0.53	12.20	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	-54.07	-13	-41.07	-64.29	-60.98	0.52	9.58	H
	2443	-39.87	-13	-26.87	-53.85	-47.83	0.64	10.75	H
	3258	-47.93	-13	-34.93	-64.45	-56.9	0.75	11.87	H
	4072	-41.65	-13	-28.65	-59.43	-51	0.87	12.37	H
	4887	-43.52	-13	-30.52	-64.63	-53.18	0.39	12.20	H
	1629	-52.25	-13	-39.25	-62.28	-59.16	0.52	9.58	V
	2443	-37.25	-13	-24.25	-51.82	-45.21	0.64	10.75	V
	3258	-54.66	-13	-41.66	-71.32	-63.63	0.75	11.87	V
	4072	-49.53	-13	-36.53	-68.44	-58.88	0.87	12.37	V
	4887	-41.14	-13	-28.14	-62.34	-50.8	0.39	12.20	V



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	-50.96	-13	-37.96	-61.18	-57.87	0.52	9.58	H
	2444	-35.30	-13	-22.30	-49.28	-43.26	0.64	10.76	H
	3259	-47.80	-13	-34.80	-64.32	-56.78	0.75	11.88	H
	4074	-42.36	-13	-29.36	-60.14	-51.71	0.87	12.37	H
	4889	-43.33	-13	-30.33	-64.44	-52.98	0.40	12.20	H
	1629	-49.09	-13	-36.09	-59.12	-56	0.52	9.58	V
	2444	-33.97	-13	-20.97	-48.54	-41.93	0.64	10.76	V
	3259	-55.11	-13	-42.11	-71.76	-64.09	0.75	11.88	V
	4074	-49.24	-13	-36.24	-68.16	-58.59	0.87	12.37	V
	4889	-40.23	-13	-27.23	-61.42	-49.88	0.40	12.20	V