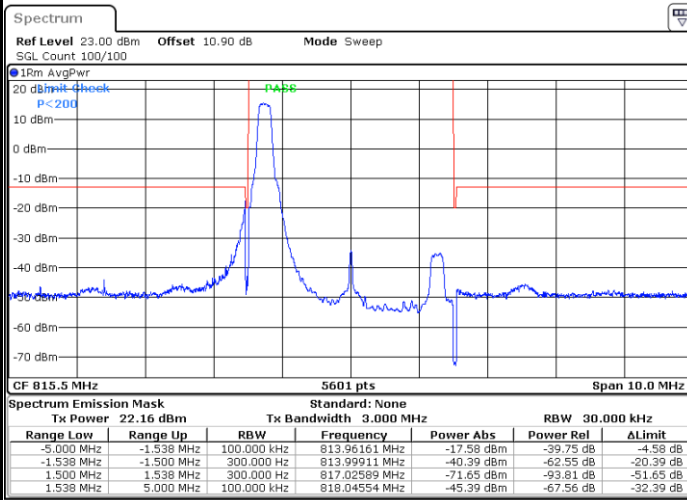




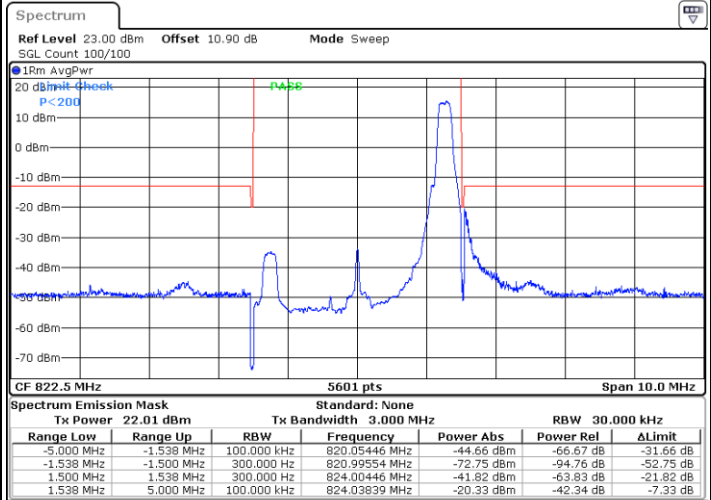
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



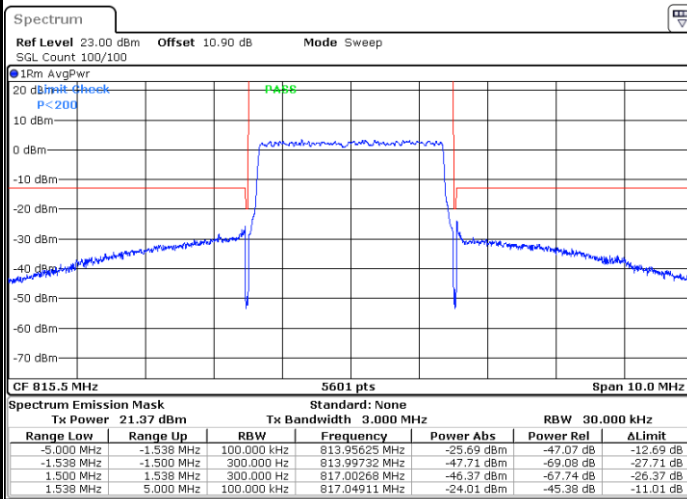
Date: 4.SEP.2020 02:05:23

Highest Band Edge / 1 RB



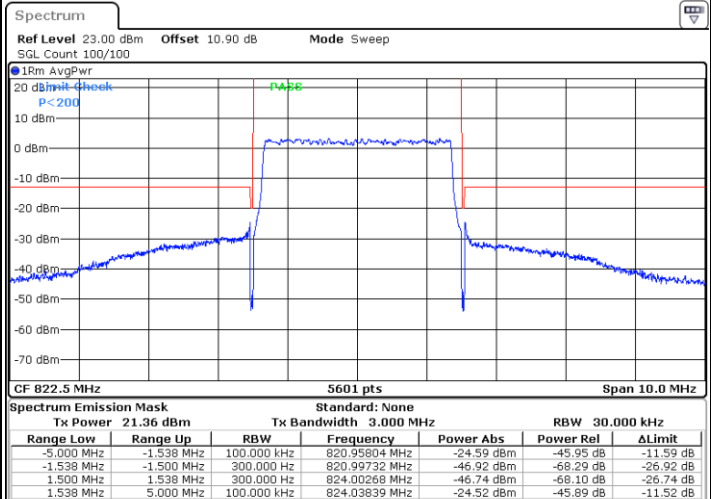
Date: 4.SEP.2020 02:06:22

Lowest Band Edge / Full RB



Date: 4.SEP.2020 02:05:52

Highest Band Edge / Full RB

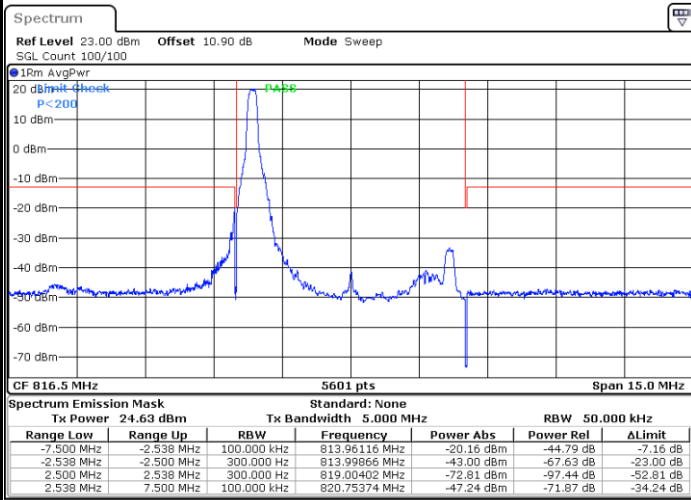


Date: 4.SEP.2020 02:06:52



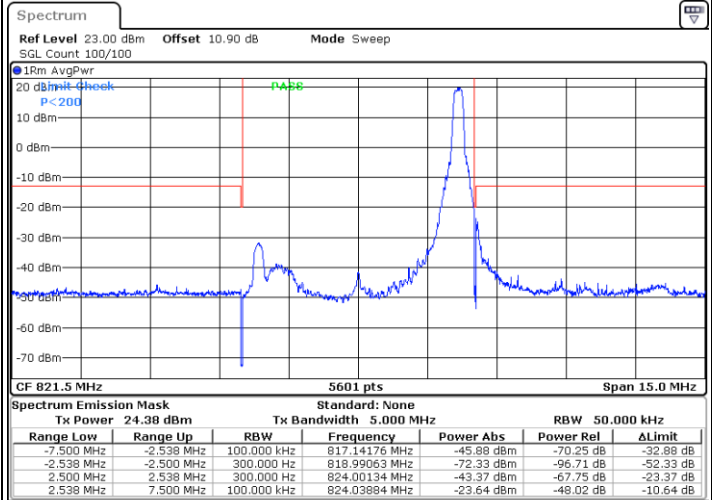
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



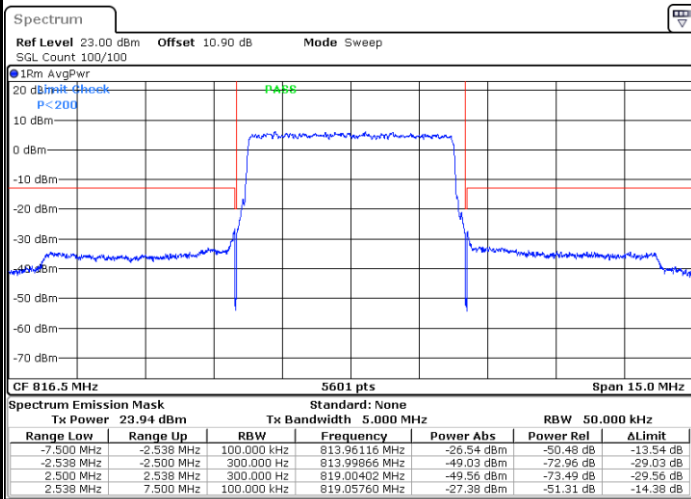
Date: 8.AUG.2020 02:16:30

Highest Band Edge / 1 RB



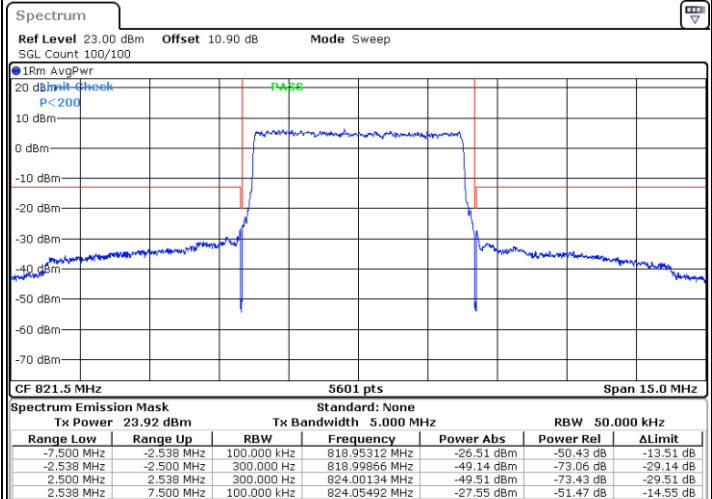
Date: 8.AUG.2020 02:18:28

Lowest Band Edge / Full RB



Date: 8.AUG.2020 02:17:29

Highest Band Edge / Full RB

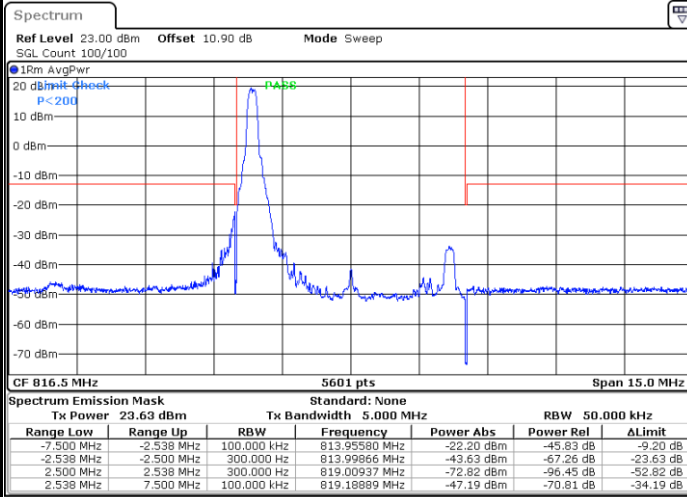


Date: 8.AUG.2020 02:19:28

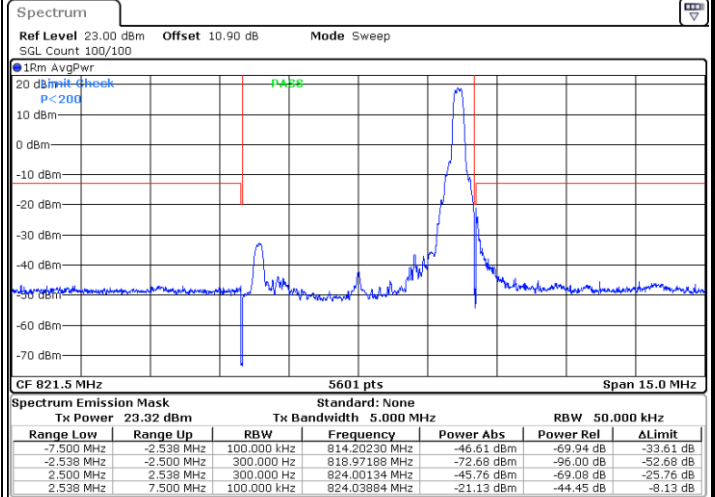


LTE Band 26 / 5MHz / 16QAM

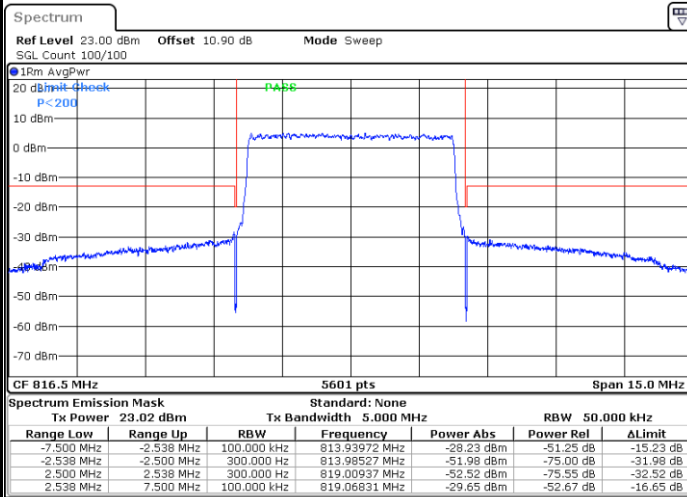
Lowest Band Edge / 1RB



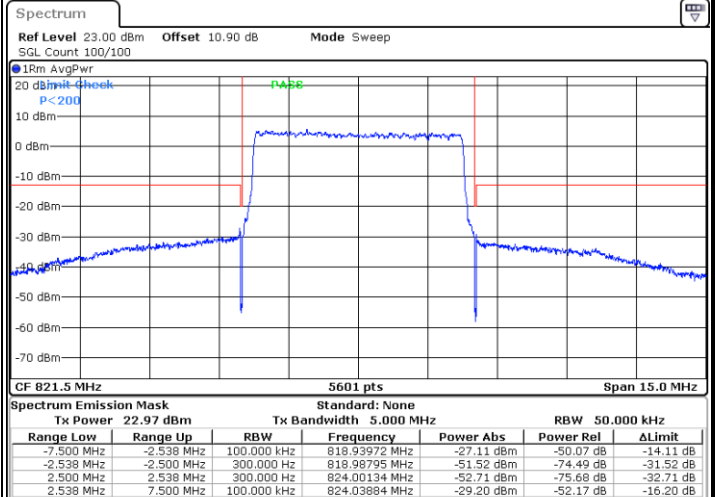
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



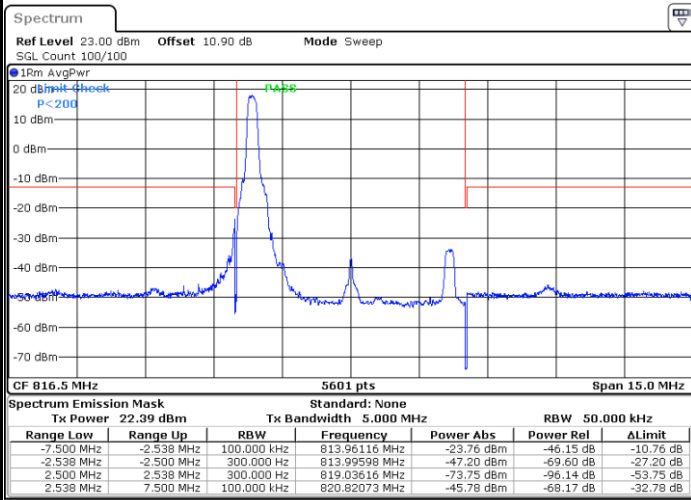
Highest Band Edge / Full RB





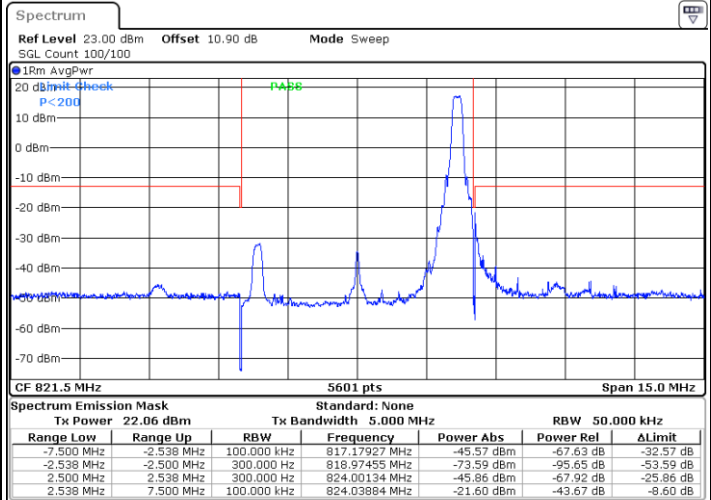
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



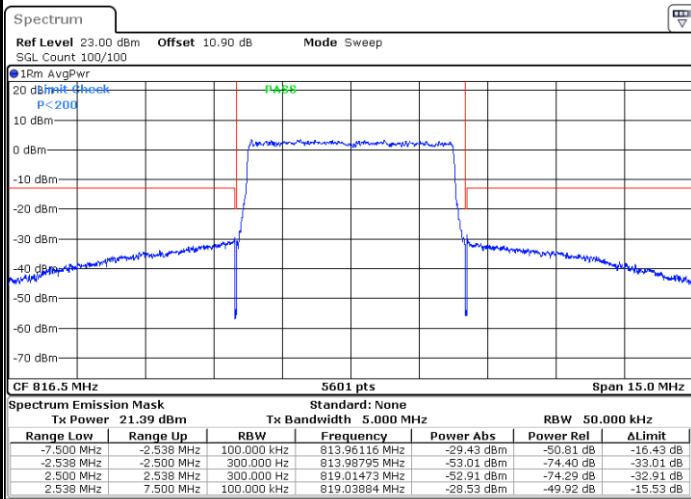
Date: 4.SEP.2020 02:07:22

Highest Band Edge / 1 RB



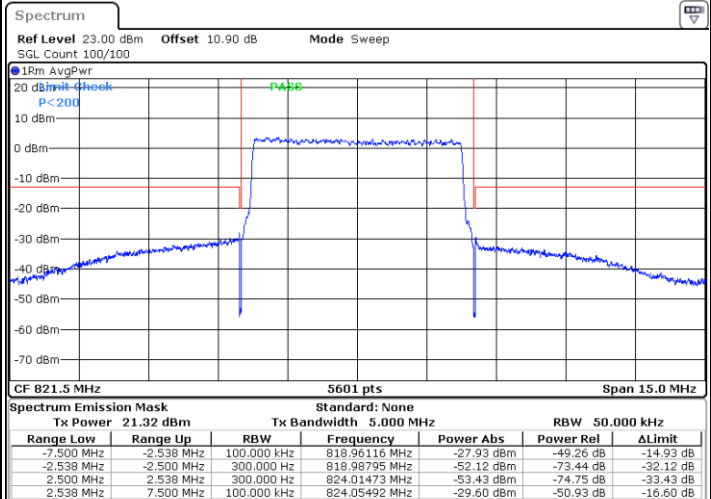
Date: 4.SEP.2020 02:08:21

Lowest Band Edge / Full RB



Date: 4.SEP.2020 02:07:52

Highest Band Edge / Full RB

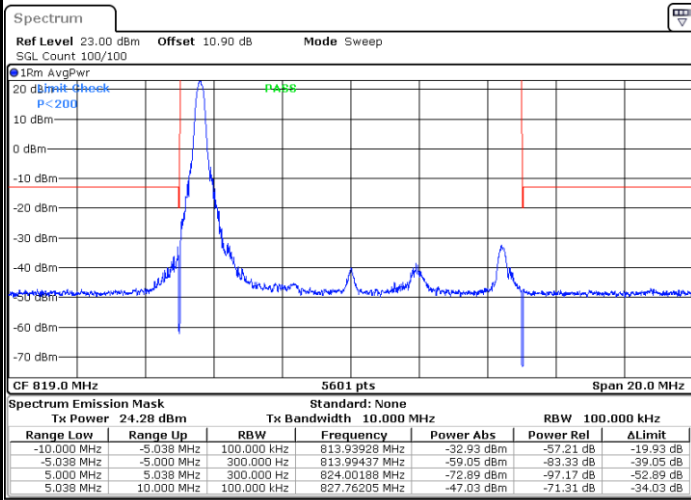


Date: 4.SEP.2020 02:08:51



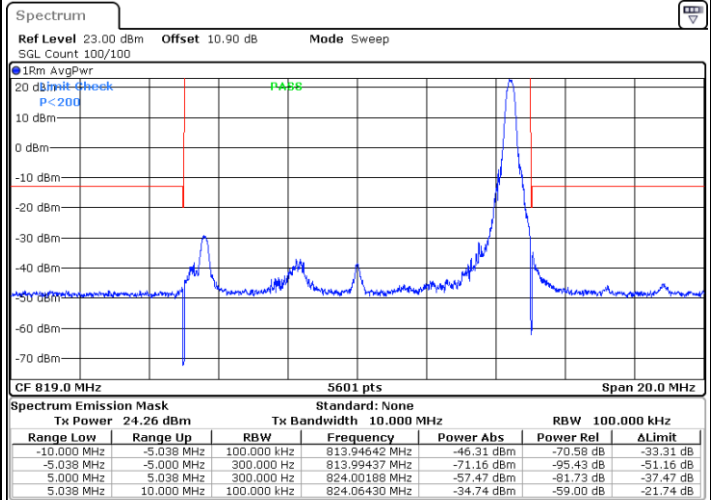
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



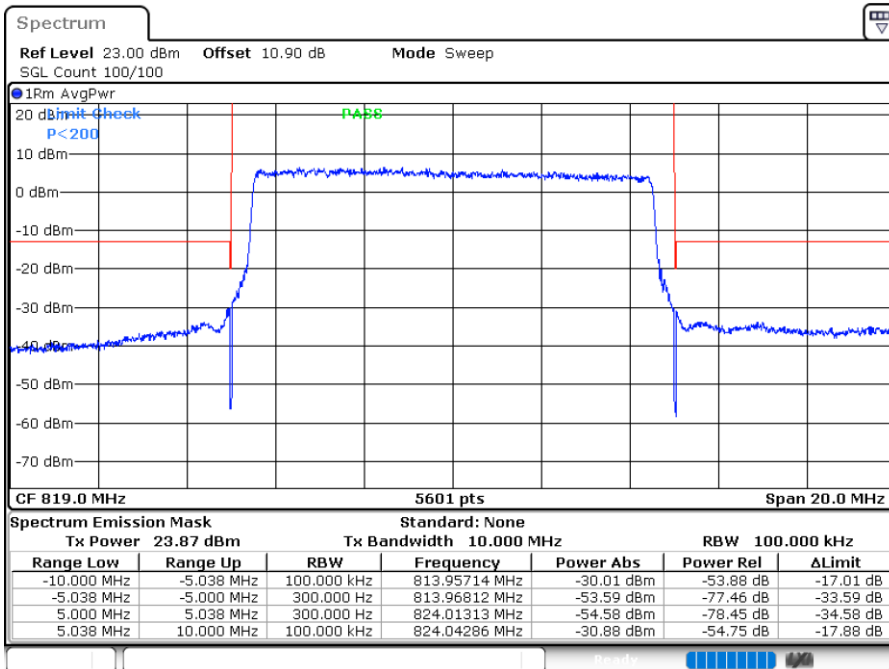
Date: 8.AUG.2020 02:20:28

Highest Band Edge / 1 RB



Date: 8.AUG.2020 02:21:27

Band Edge / Full RB

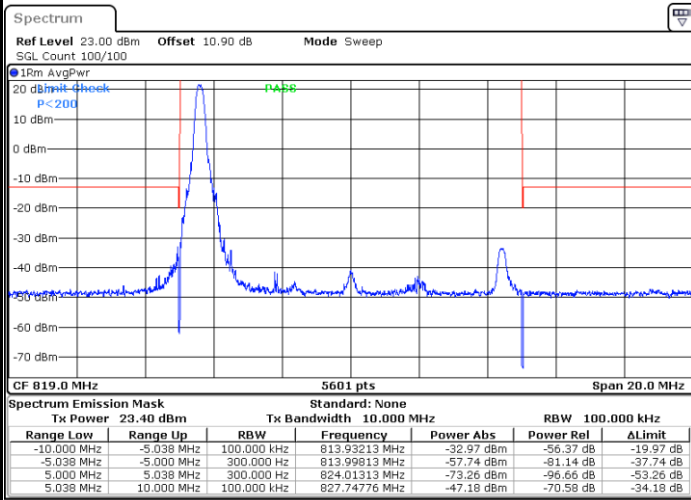


Date: 8.AUG.2020 02:22:26



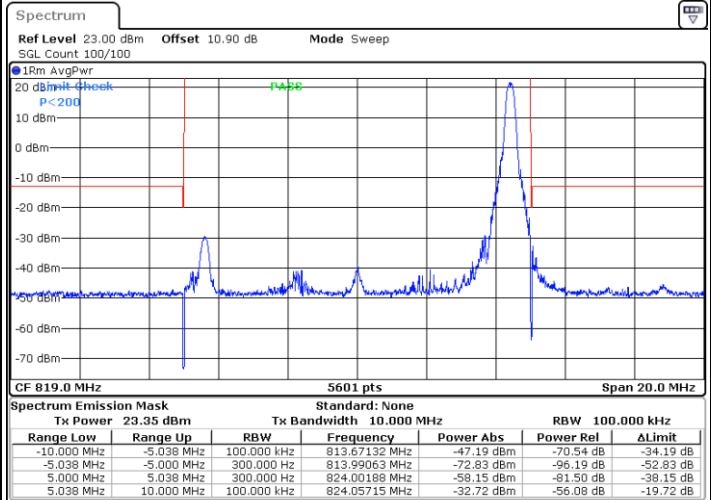
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



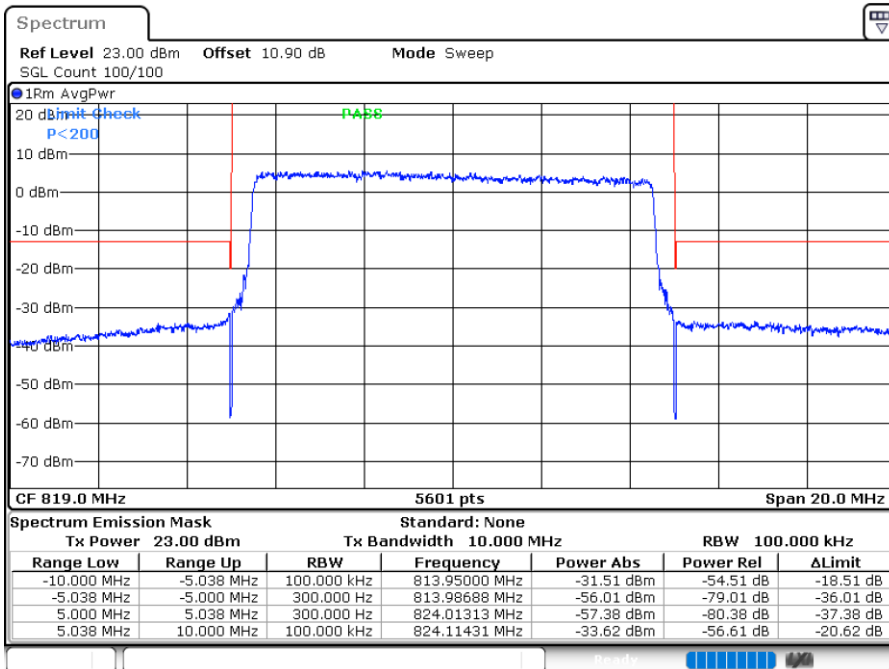
Date: 8.AUG.2020 02:20:57

Highest Band Edge / 1 RB



Date: 8.AUG.2020 02:21:56

Band Edge / Full RB

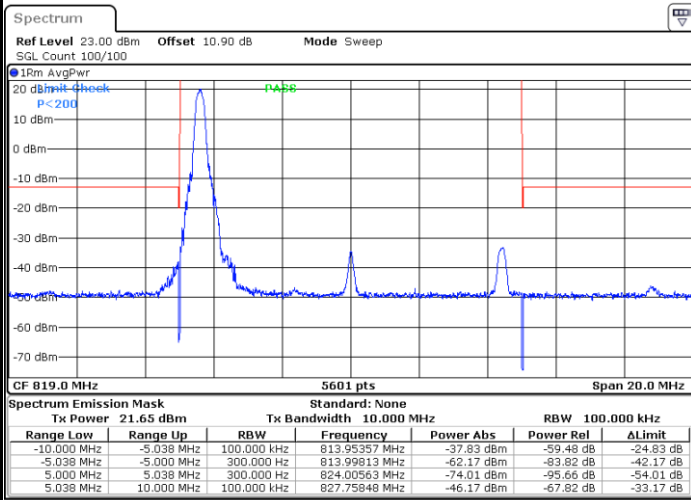


Date: 8.AUG.2020 02:22:56



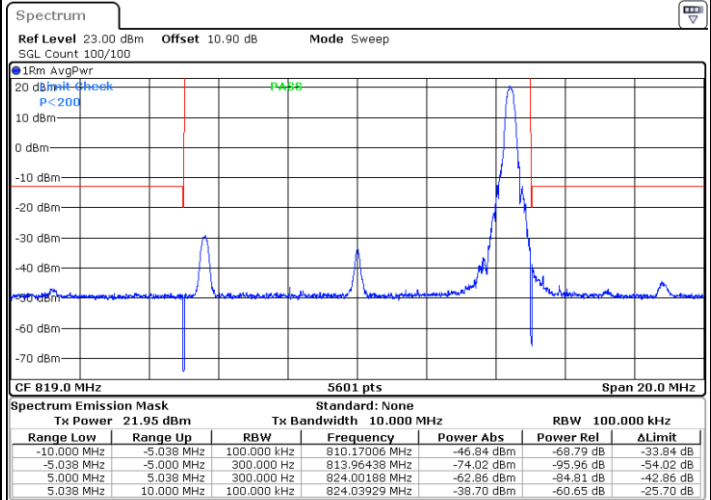
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



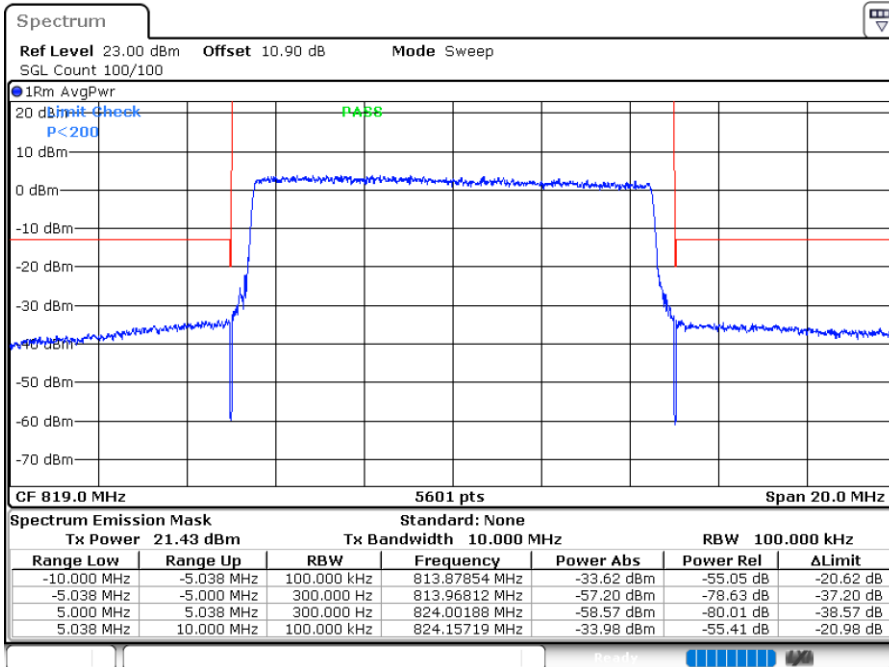
Date: 4.SEP.2020 02:09:21

Highest Band Edge / 1 RB



Date: 4.SEP.2020 02:09:51

Band Edge / Full RB

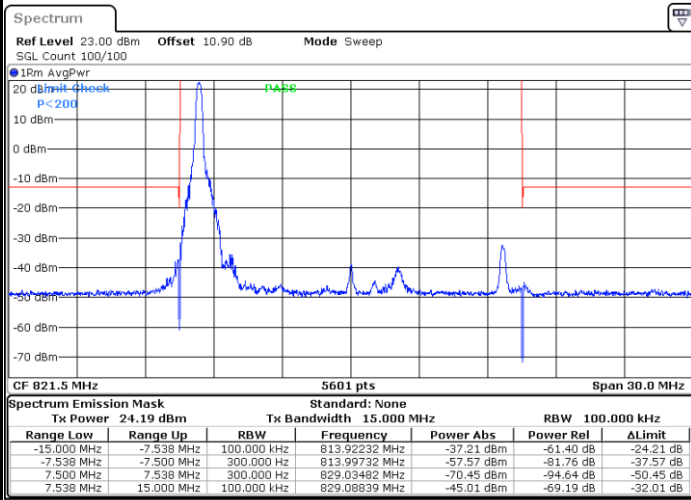


Date: 4.SEP.2020 02:10:20



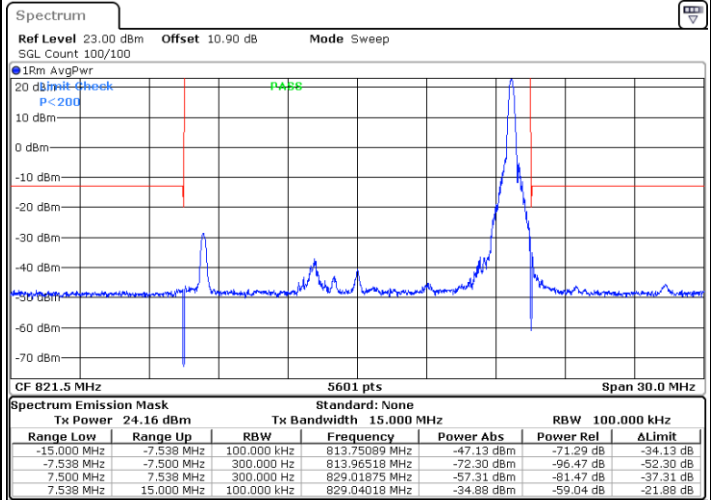
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



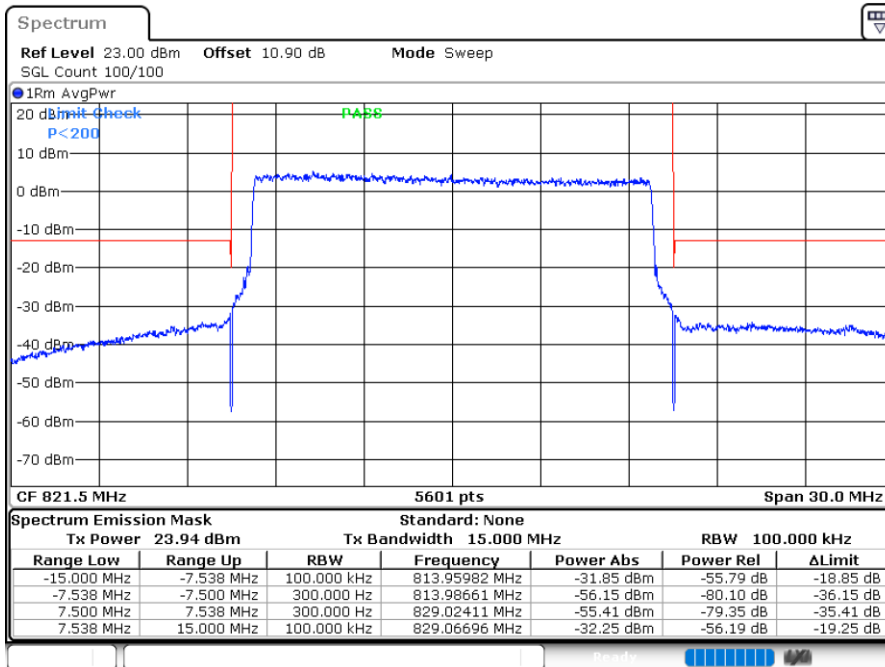
Date: 8.AUG.2020 02:23:26

Highest Band Edge / 1 RB



Date: 8.AUG.2020 02:24:25

Band Edge / Full RB

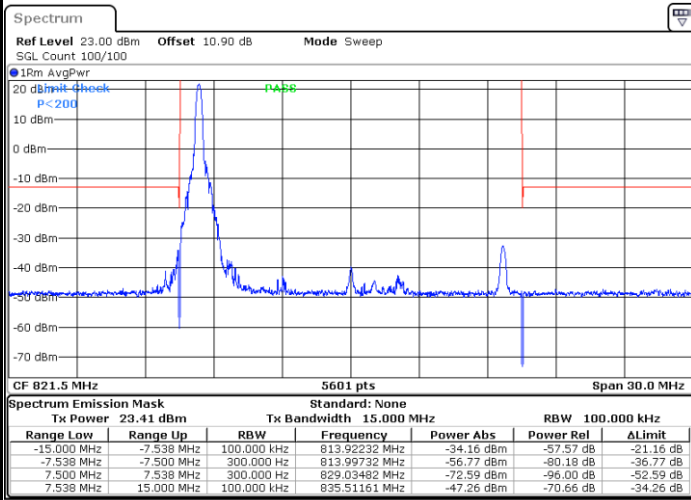


Date: 8.AUG.2020 02:25:24



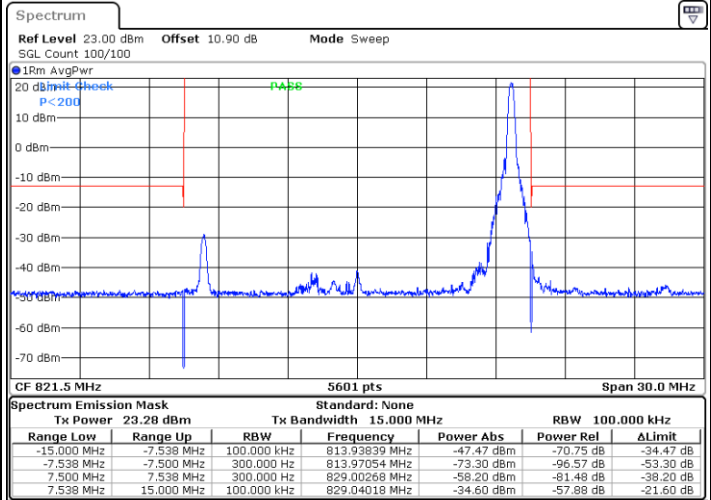
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



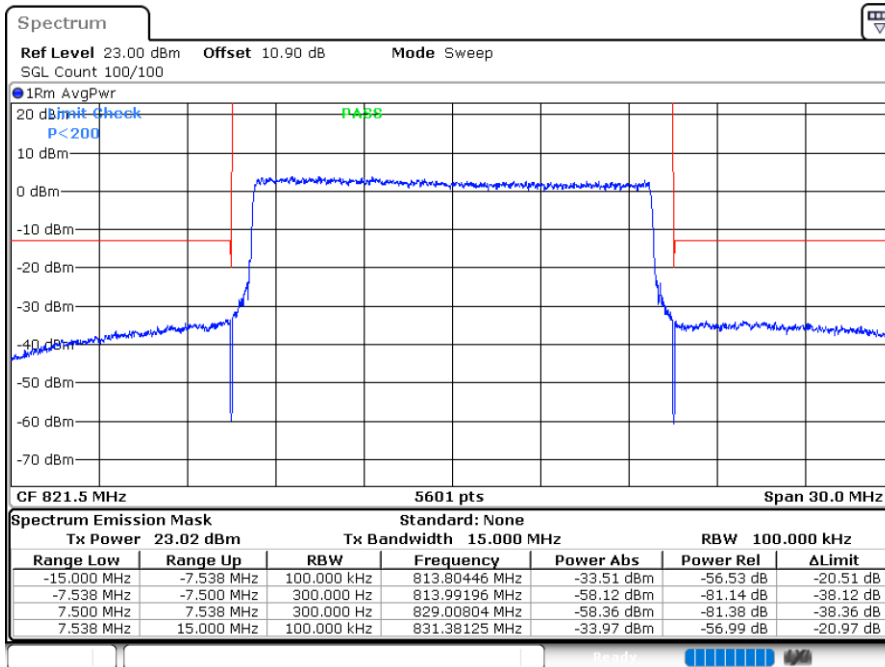
Date: 8.AUG.2020 02:23:55

Highest Band Edge / 1 RB



Date: 8.AUG.2020 02:24:54

Band Edge / Full RB

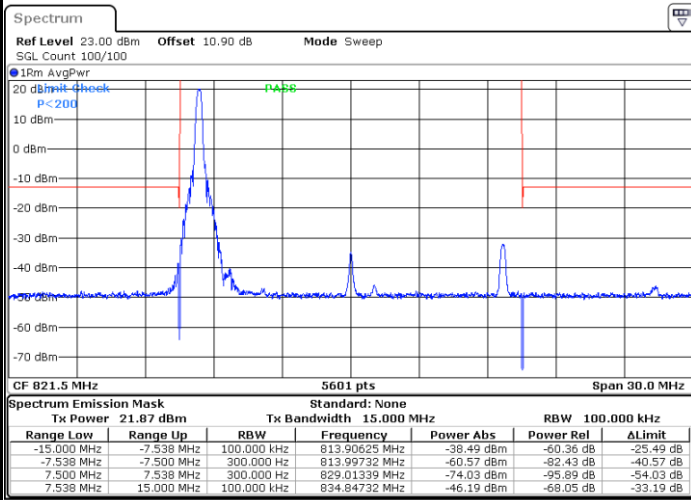


Date: 8.AUG.2020 02:25:54



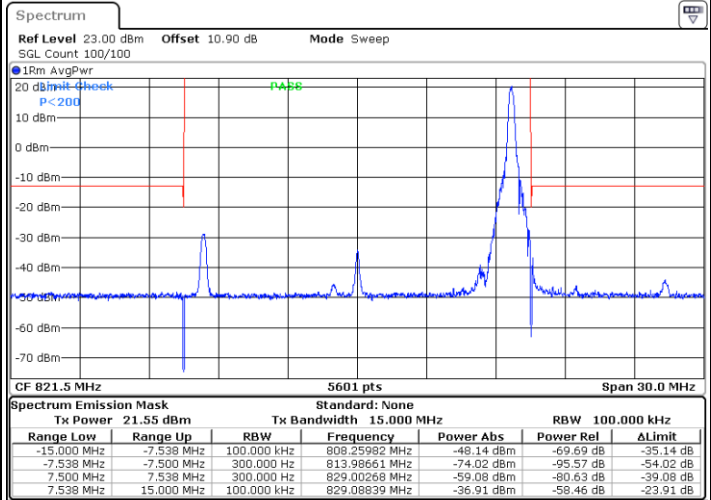
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



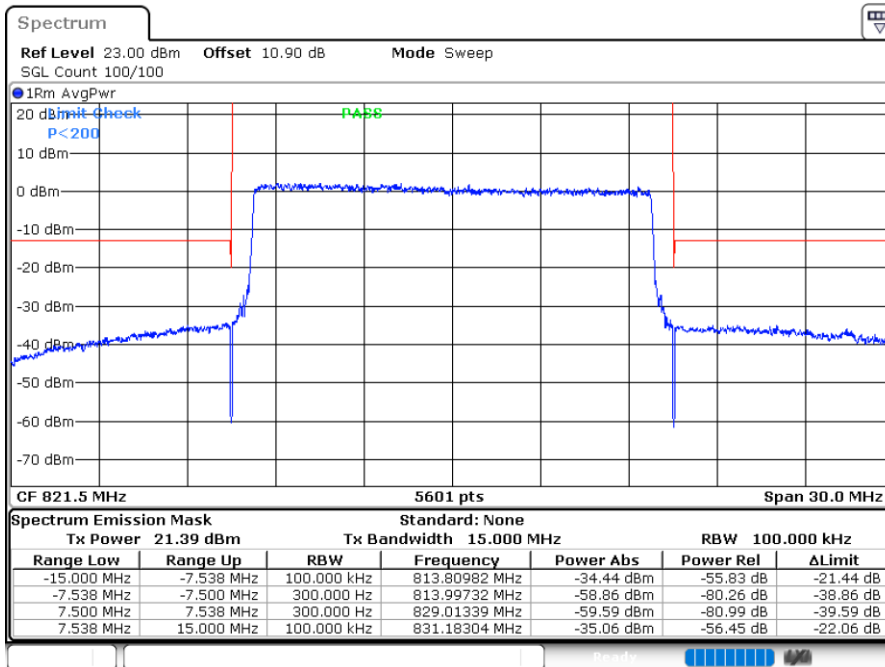
Date: 4.SEP.2020 02:10:51

Highest Band Edge / 1 RB



Date: 4.SEP.2020 02:11:20

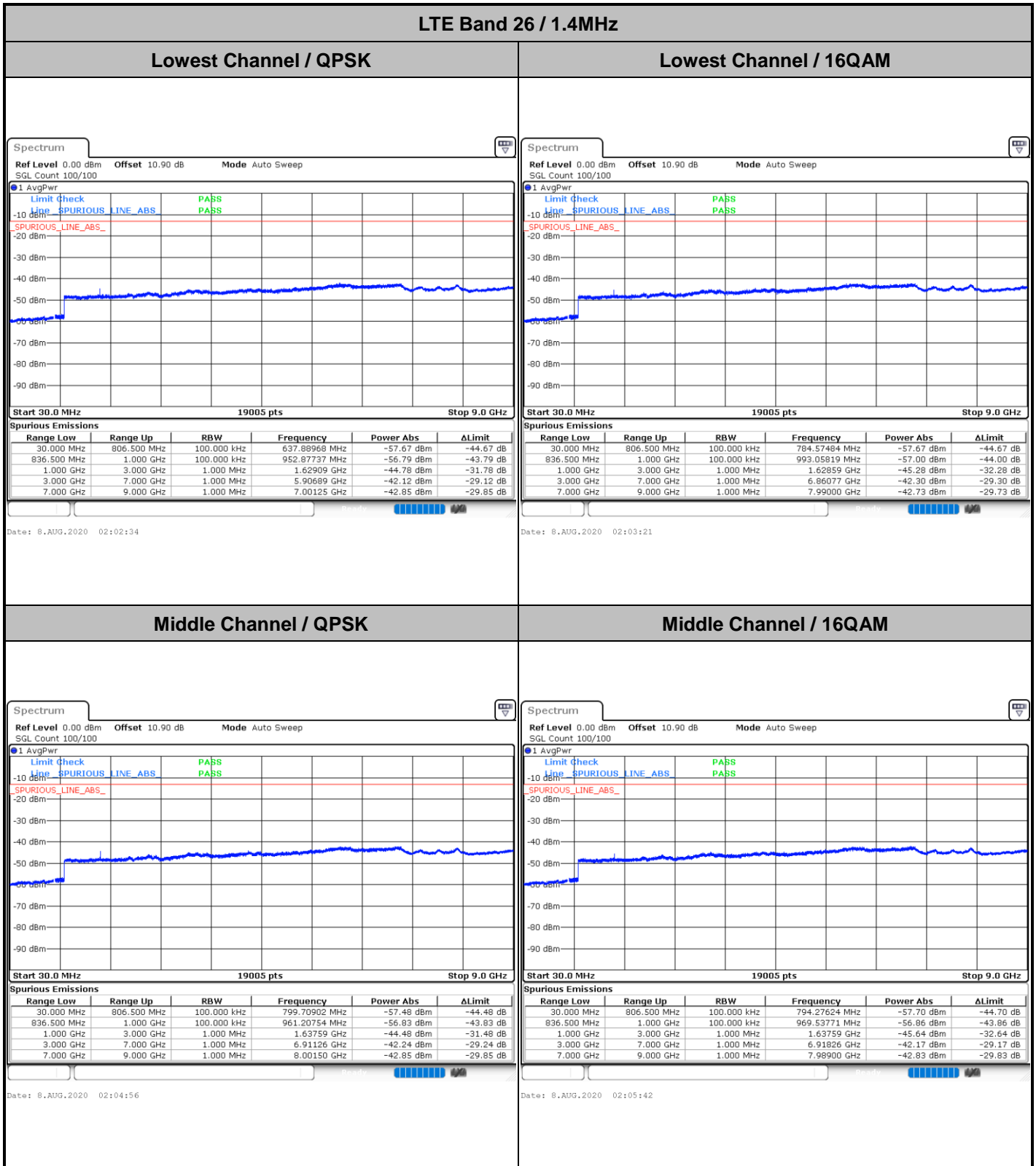
Band Edge / Full RB



Date: 4.SEP.2020 02:11:50



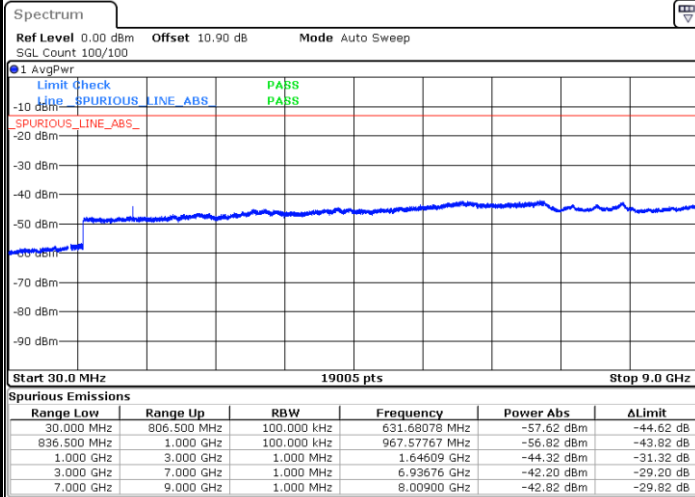
Emission masks – Out of band emissions





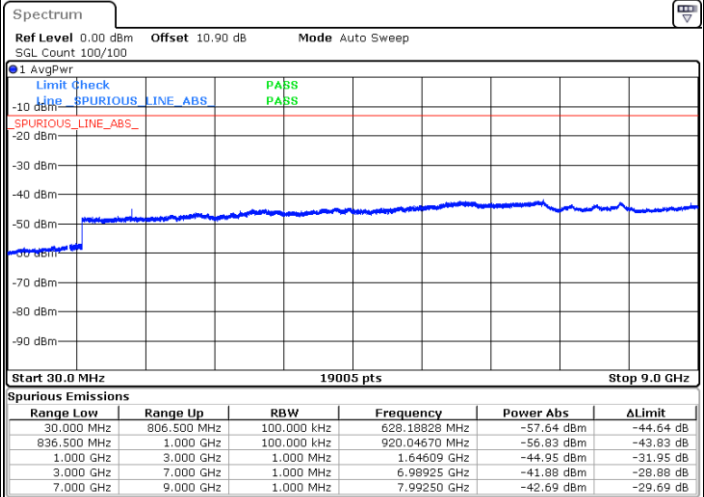
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 8.AUG.2020 02:07:17

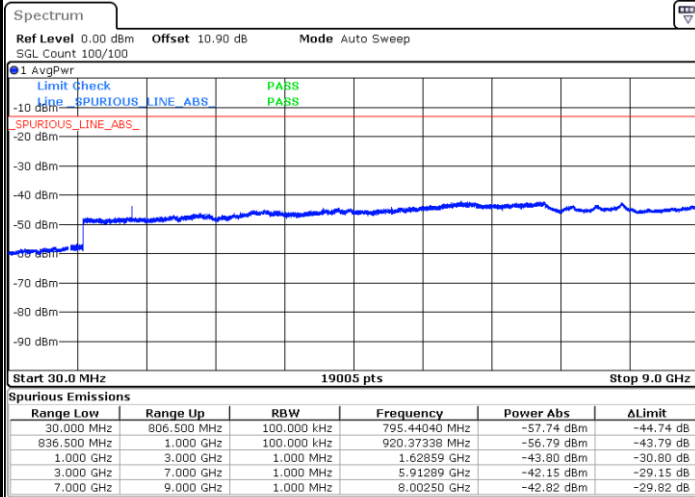
Highest Channel / 16QAM



Date: 8.AUG.2020 02:08:03

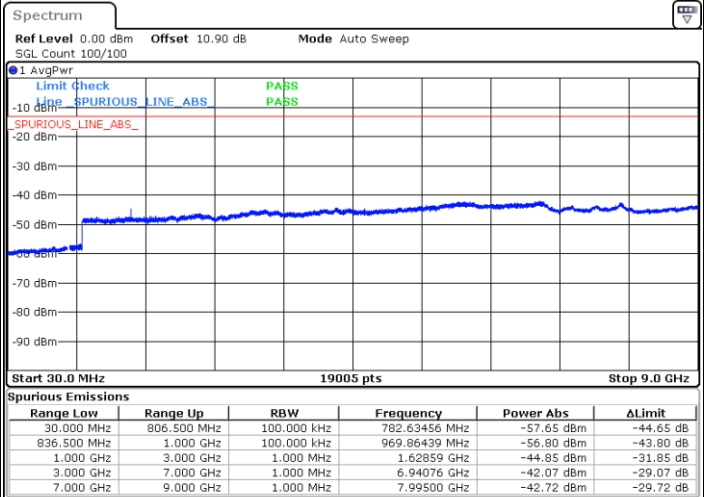
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 8.AUG.2020 02:27:29

Lowest Channel / 16QAM



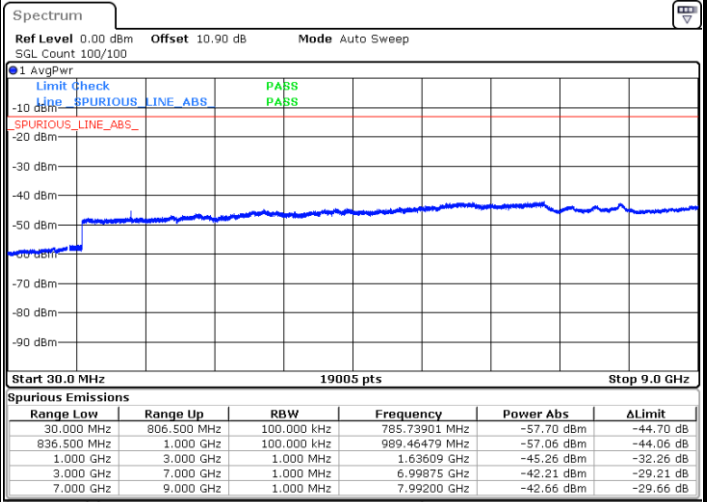
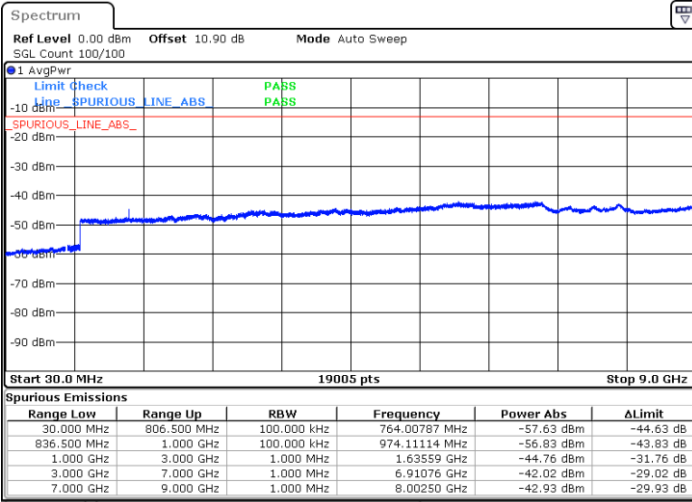
Date: 8.AUG.2020 02:28:16



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

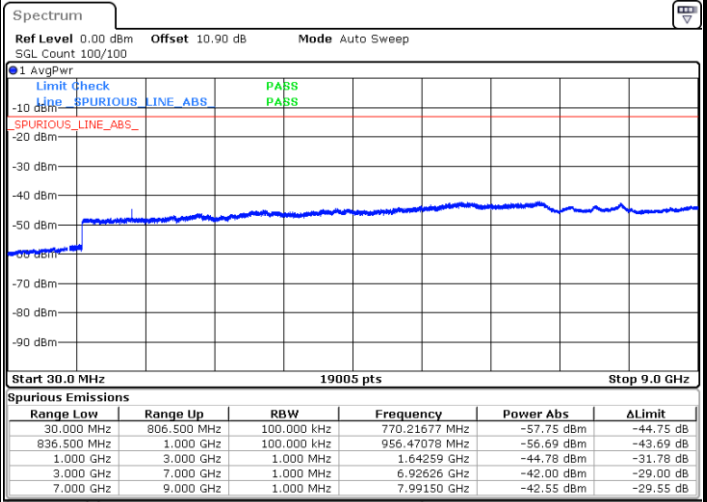
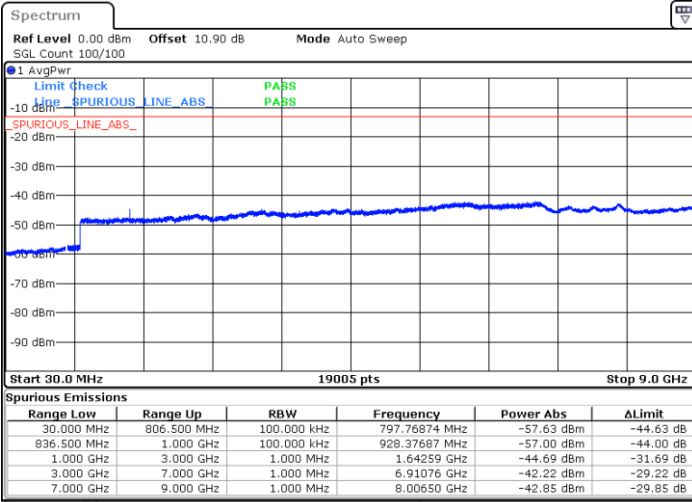


Date: 8.AUG.2020 02:29:50

Date: 8.AUG.2020 02:30:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.AUG.2020 02:32:12

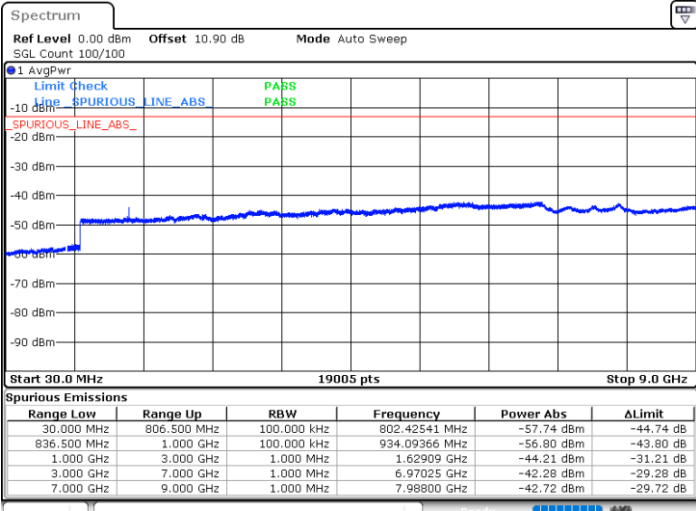
Date: 8.AUG.2020 02:32:58



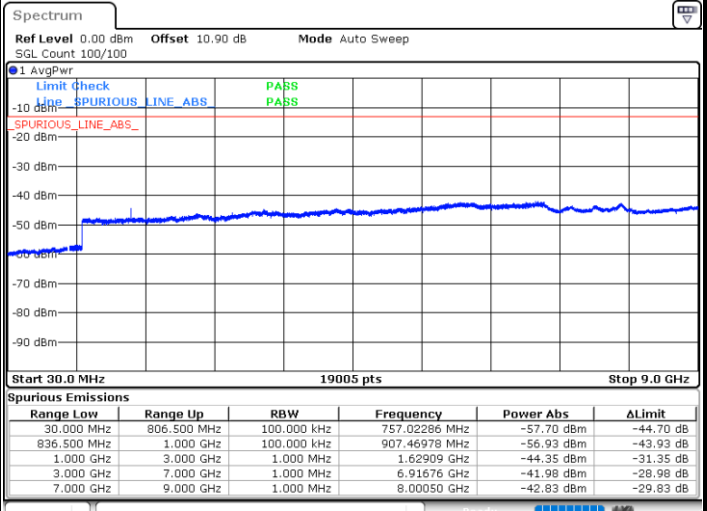
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



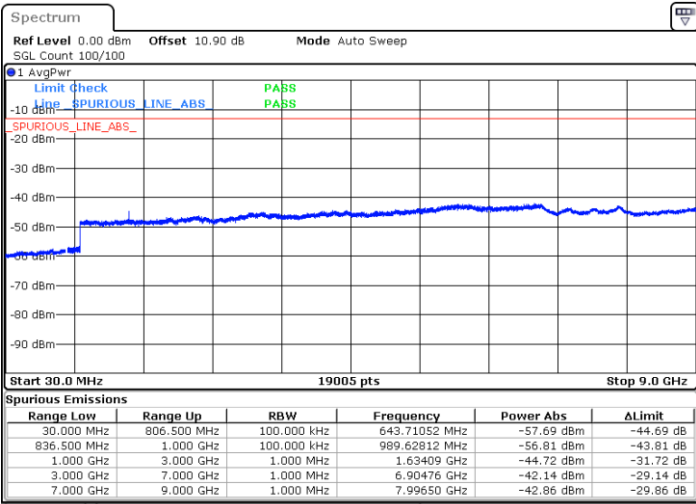
Date: 8.AUG.2020 02:34:33



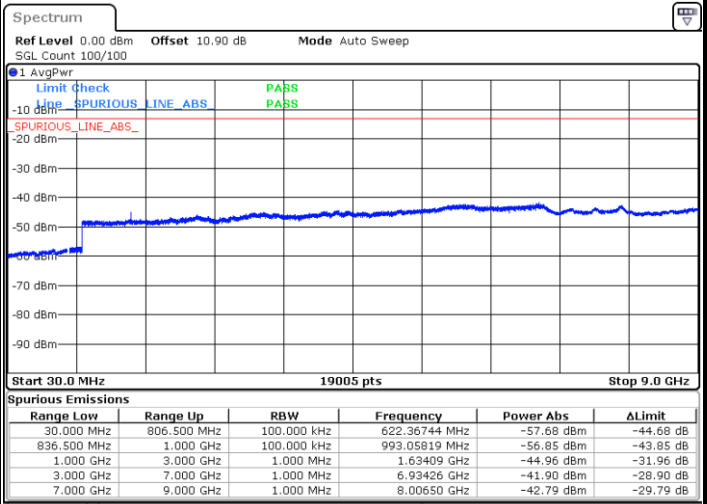
Date: 8.AUG.2020 03:19:11

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8.AUG.2020 03:20:46



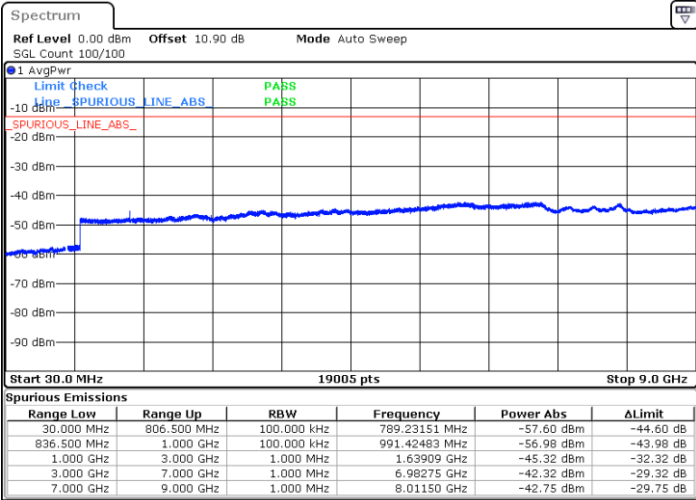
Date: 8.AUG.2020 03:21:32



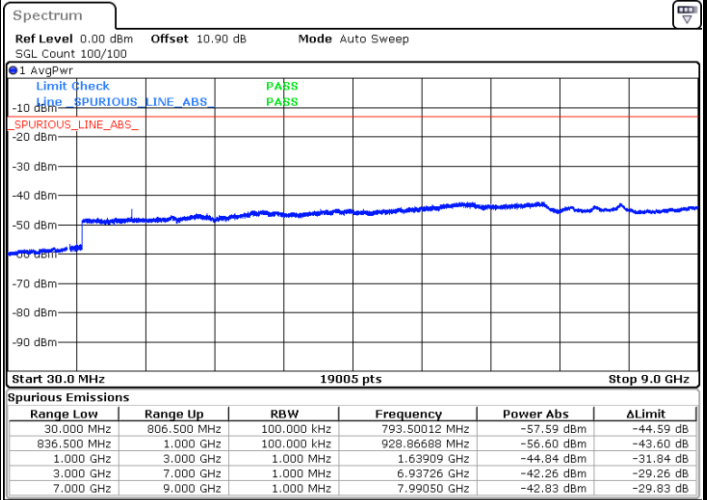
LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.AUG.2020 03:23:07

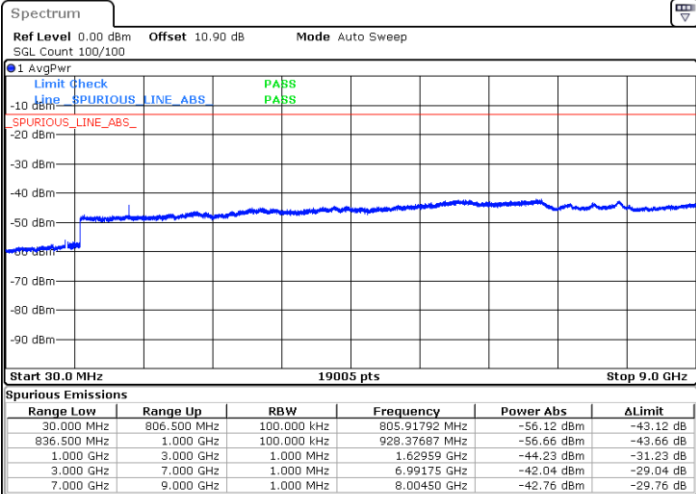


Date: 8.AUG.2020 03:23:54

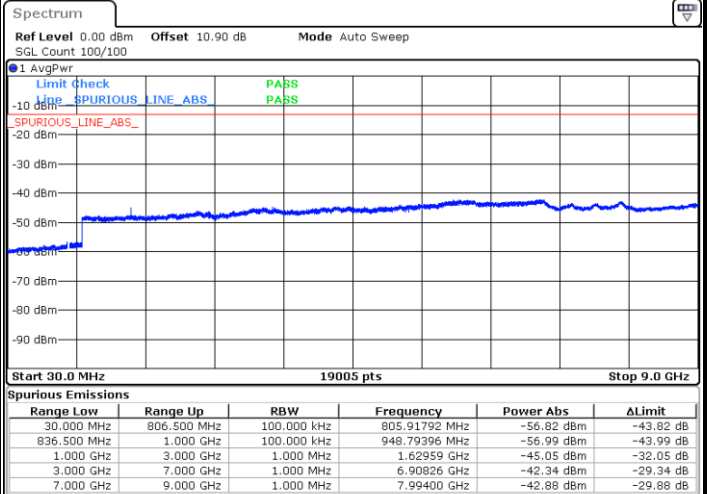
LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8.AUG.2020 03:25:29



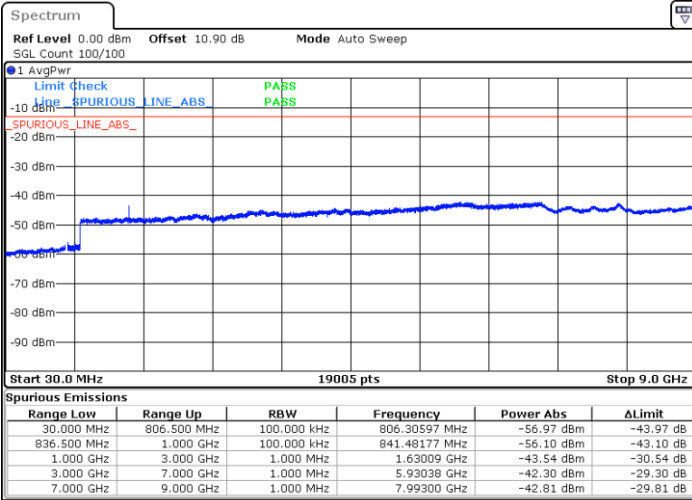
Date: 8.AUG.2020 03:26:15



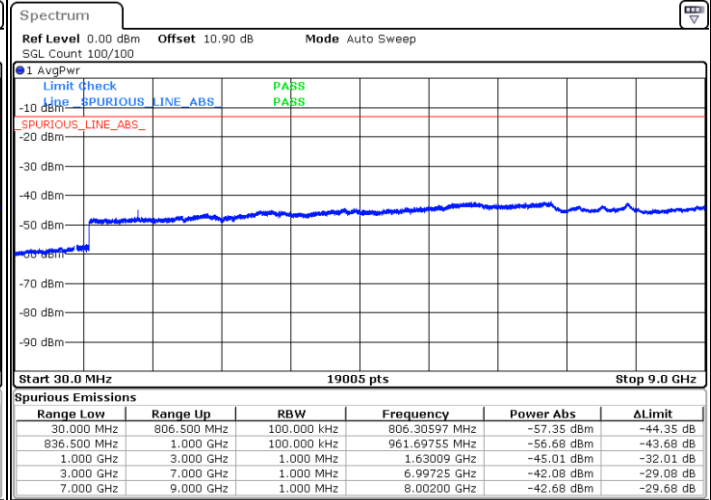
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8.AUG.2020 03:27:50



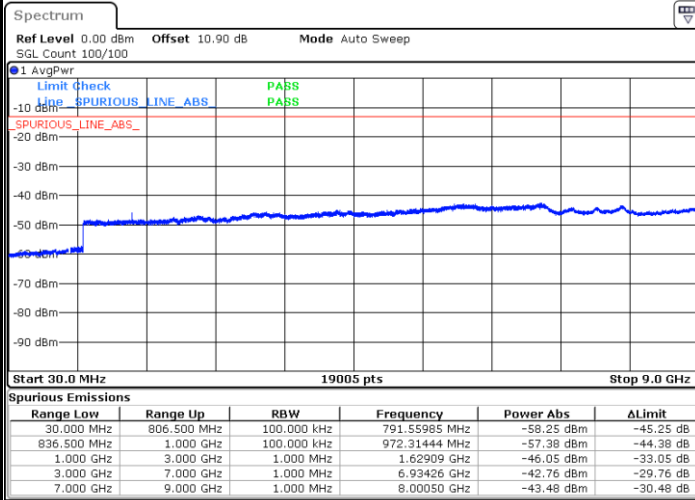
Date: 8.AUG.2020 03:28:36



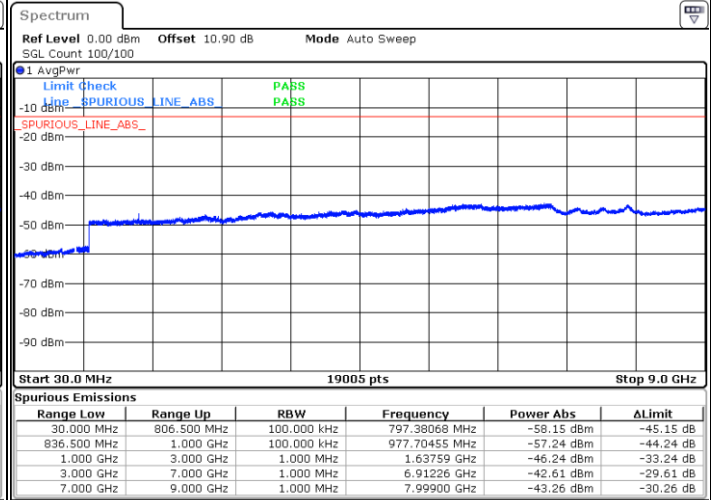
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

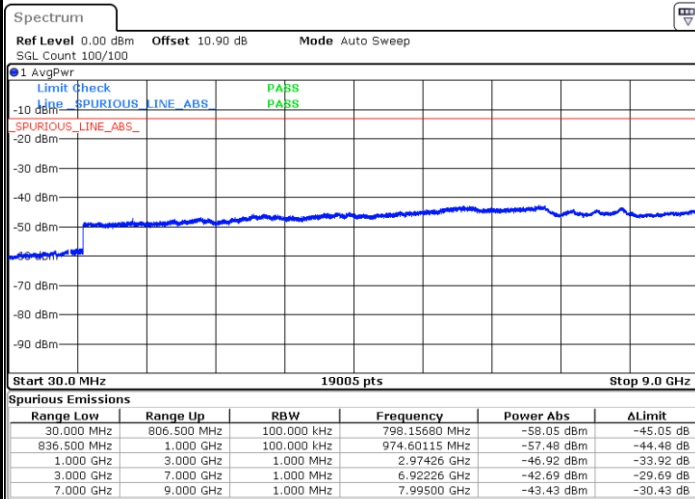


Date: 4.SEP.2020 02:25:34



Date: 4.SEP.2020 02:26:40

Highest Channel / 64QAM



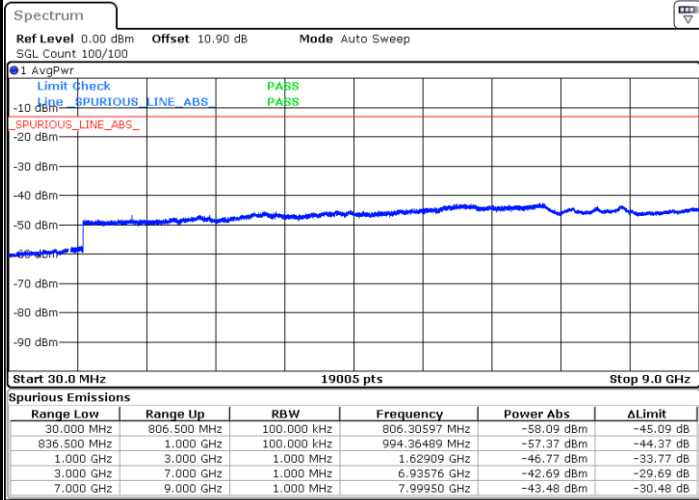
Date: 4.SEP.2020 02:27:45



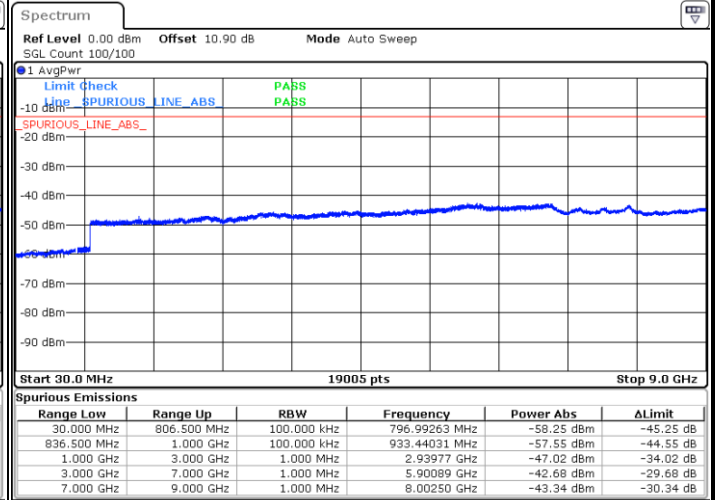
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

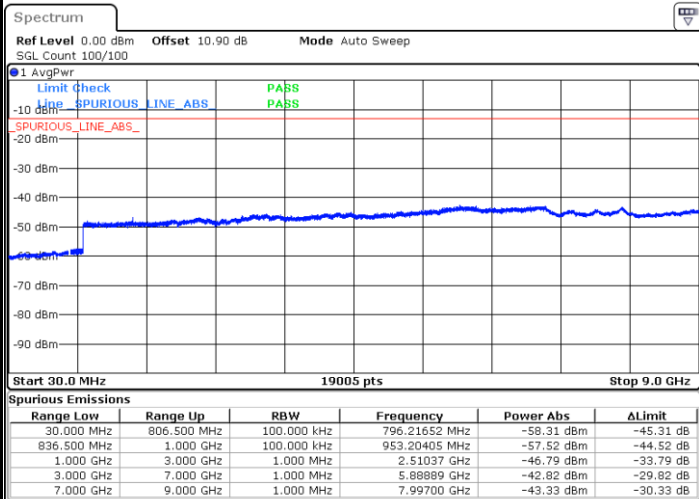


Date: 4.SEP.2020 02:12:56



Date: 4.SEP.2020 02:14:01

Highest Channel / 64QAM



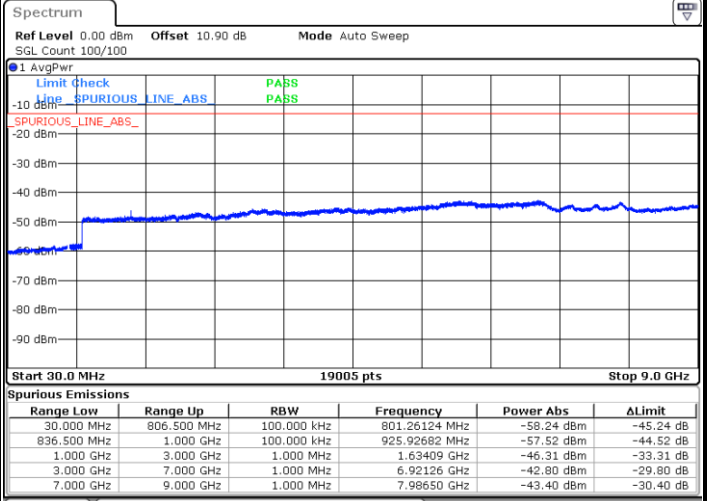
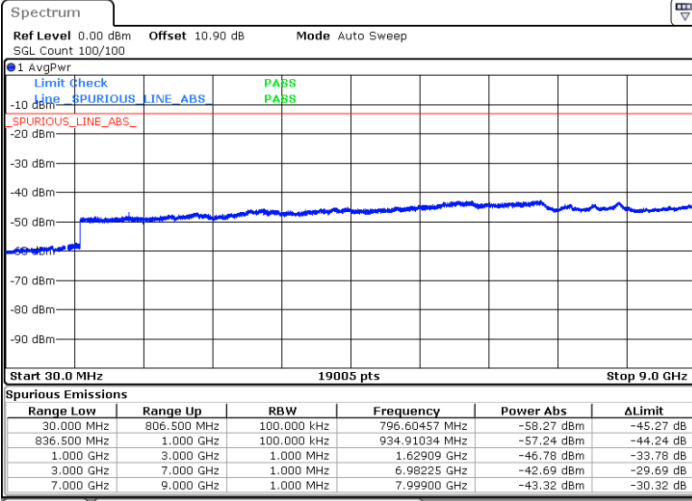
Date: 4.SEP.2020 02:17:38



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

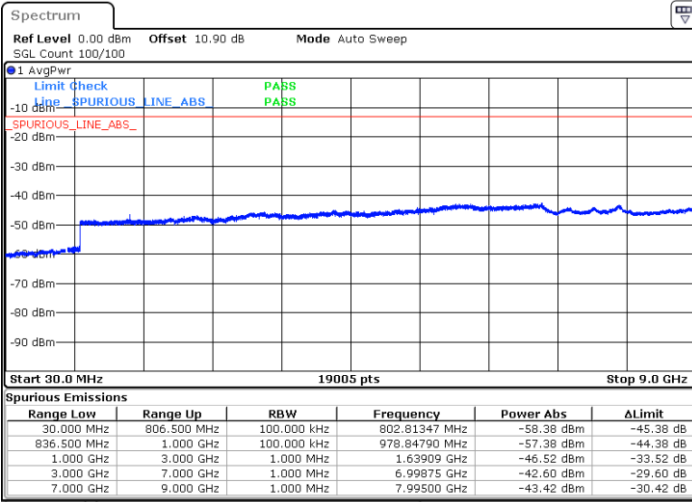
Middle Channel / 64QAM



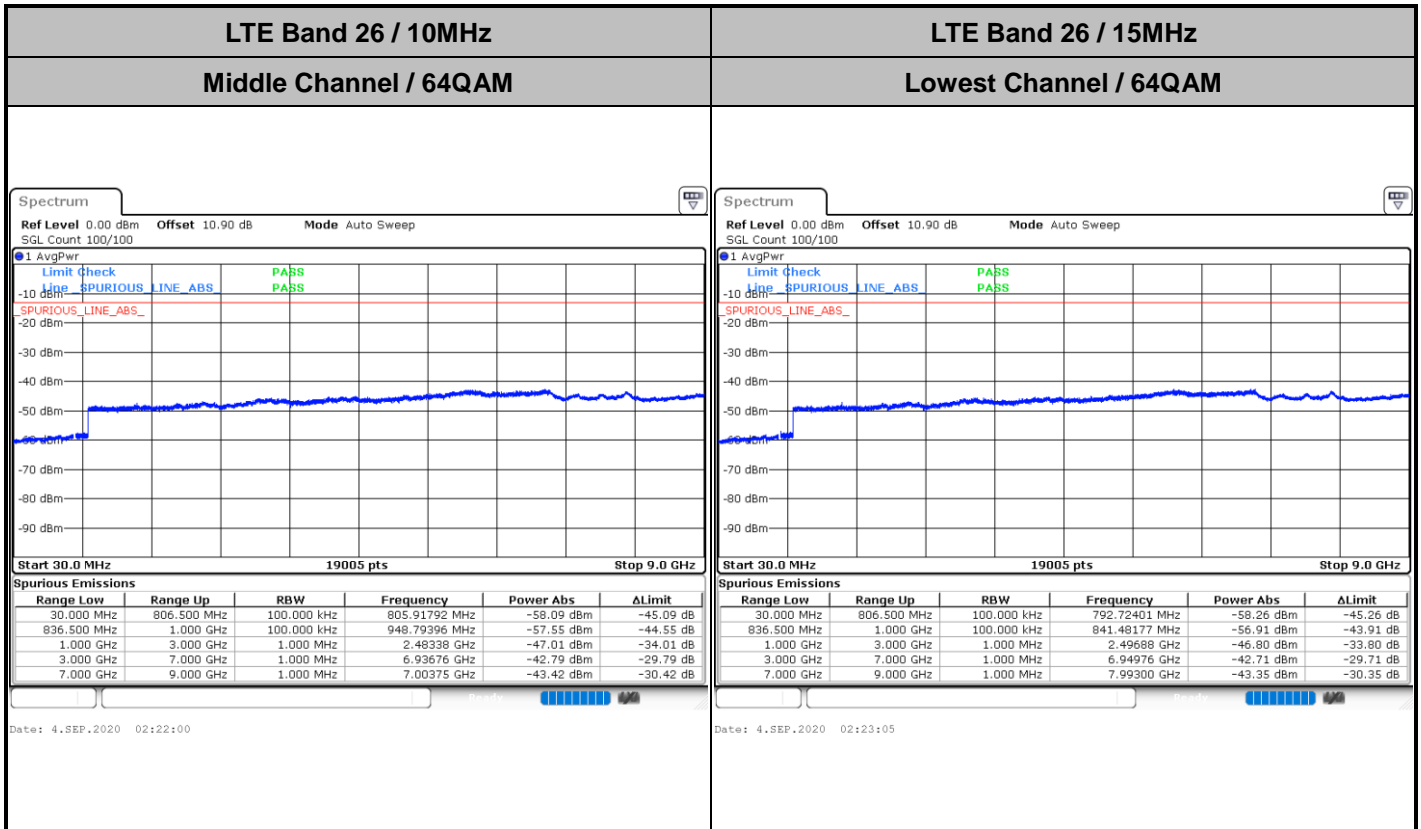
Date: 4.SEP.2020 02:18:43

Date: 4.SEP.2020 02:19:49

Highest Channel / 64QAM



Date: 4.SEP.2020 02:20:54





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	0.0005	PASS
40	Normal Voltage	0.0170	
30	Normal Voltage	0.0183	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0164	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0114	
20	Maximum Voltage	0.0120	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0145	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 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	0.0022	PASS
40	Normal Voltage	0.0046	
30	Normal Voltage	0.0128	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0102	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0128	

Note:

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 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 = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.87	0.3069	23.10	0.2042
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	37	24.17	0.2612	22.40	0.1738
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	23.12	0.2051	21.35	0.1365
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission

LTE Band 26

LTE Band 26 / 1.4MHz / 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	1632	-52.58	-13	-39.58	-65.48	-57.91	1.22	8.70	H
	2448	-58.76	-13	-45.76	-75.51	-65.64	1.43	10.46	H
	3264	-57.10	-13	-44.10	-75.87	-64.97	1.68	11.69	H
	1632	-54.27	-13	-41.27	-67.03	-59.60	1.22	8.70	V
	2448	-58.71	-13	-45.71	-75.84	-65.59	1.43	10.46	V
	3264	-56.91	-13	-43.91	-75.98	-64.78	1.68	11.69	V
Middle	1640	-55.25	-13	-42.25	-68.17	-60.61	1.22	8.73	H
	2640	-58.19	-13	-45.19	-74.92	-65.21	1.45	10.61	H
	3280	-56.90	-13	-43.90	-75.56	-64.80	1.69	11.74	H
	1640	-56.96	-13	-43.96	-69.75	-62.32	1.22	8.73	V
	2640	-58.38	-13	-45.38	-75.44	-65.40	1.45	10.61	V
	3280	-58.63	-13	-45.63	-75.64	-66.53	1.69	11.74	V
Highest	1648	-52.62	-13	-39.62	-65.55	-58.01	1.23	8.76	H
	2472	-58.40	-13	-45.40	-75.1	-65.29	1.44	10.48	H
	3296	-57.11	-13	-44.11	-75.66	-65.05	1.70	11.79	H
	1648	-55.46	-13	-42.46	-68.27	-60.85	1.23	8.76	V
	2472	-58.92	-13	-45.92	75.91	-65.81	1.44	10.48	V
	3296	-56.67	-13	-43.67	-75.62	-64.61	1.70	11.79	V

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