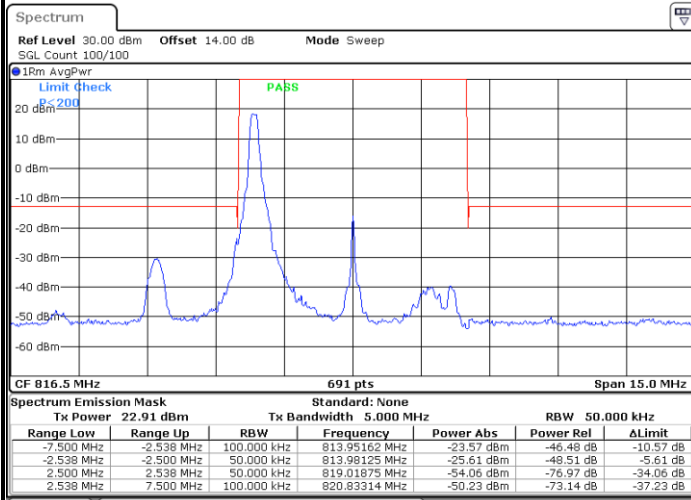




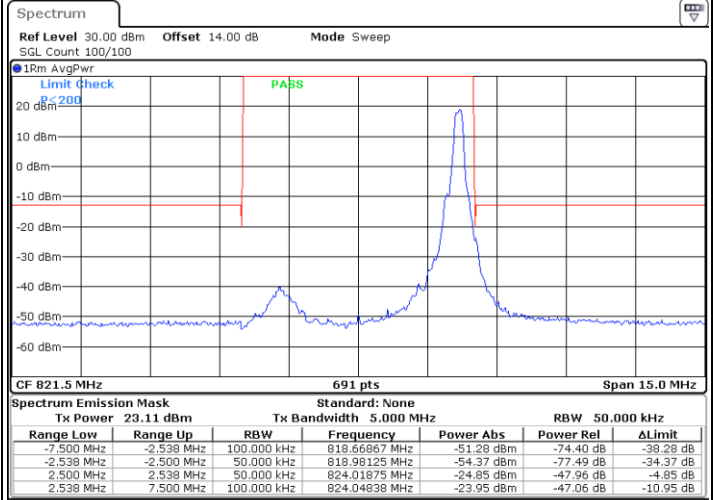
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



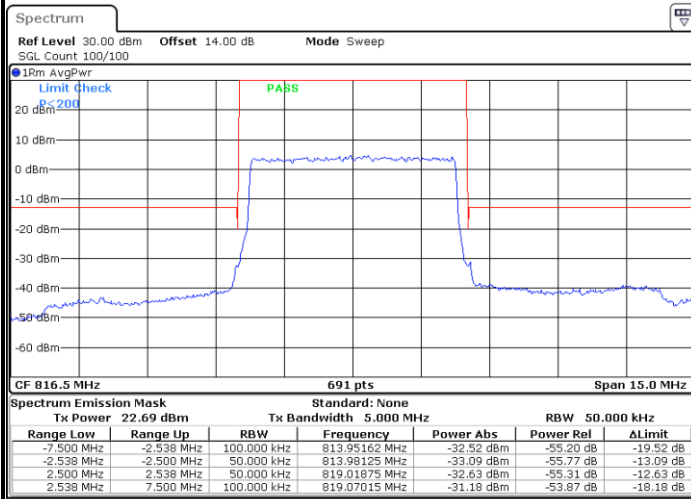
Date: 3.APR.2020 09:20:02

Highest Band Edge / 1 RB



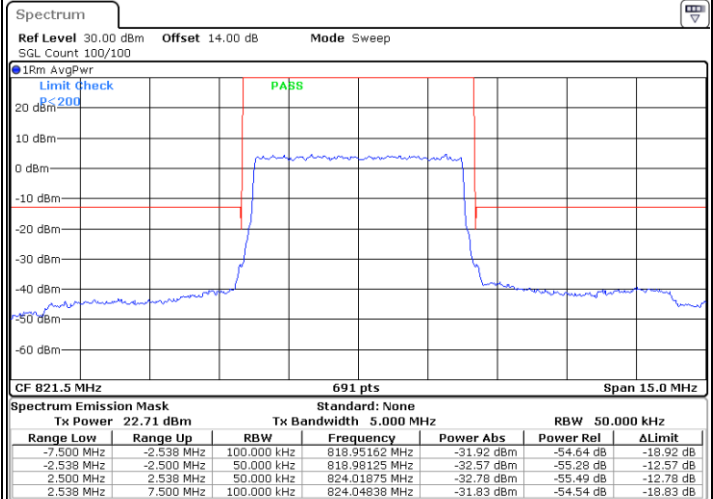
Date: 3.APR.2020 09:21:31

Lowest Band Edge / Full RB



Date: 3.APR.2020 09:18:32

Highest Band Edge / Full RB

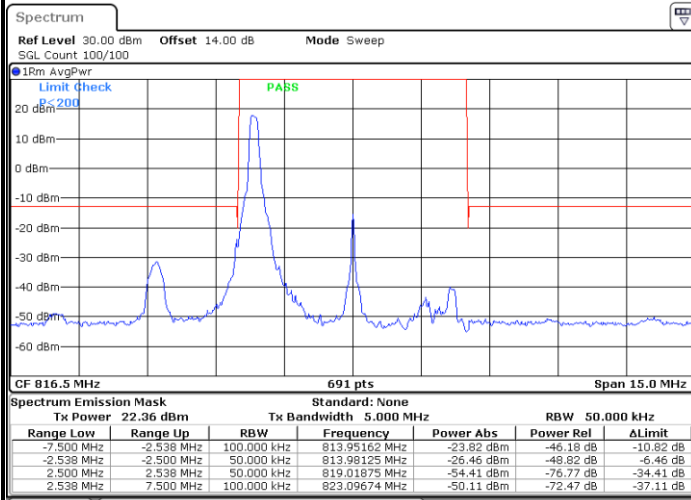


Date: 3.APR.2020 09:22:58



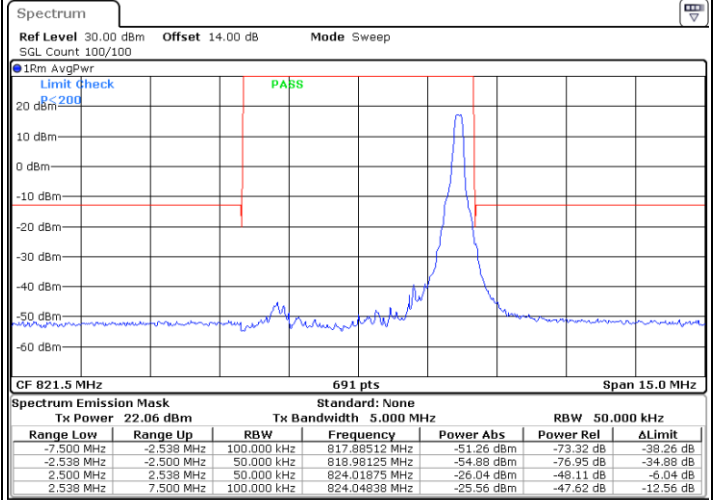
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



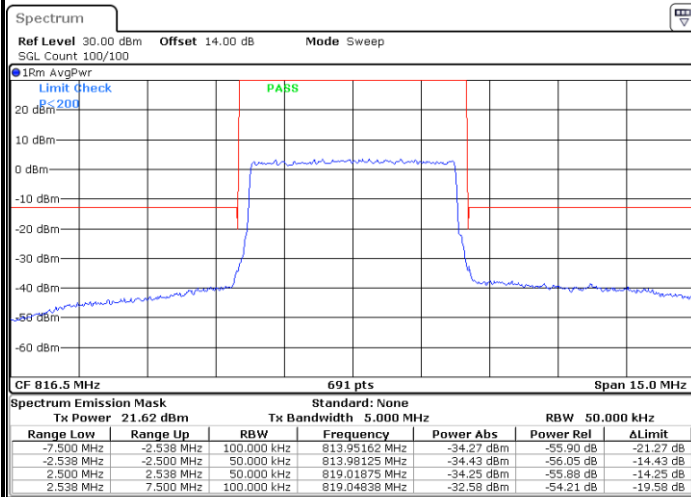
Date: 3.APR.2020 09:19:35

Highest Band Edge / 1 RB



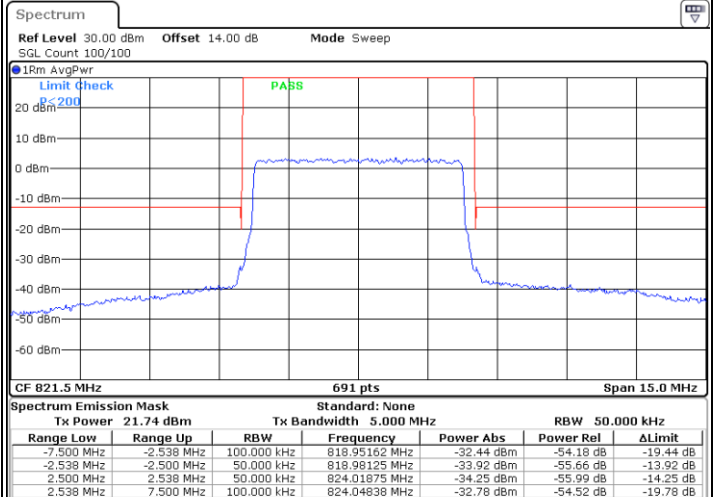
Date: 3.APR.2020 09:21:49

Lowest Band Edge / Full RB



Date: 3.APR.2020 09:18:45

Highest Band Edge / Full RB

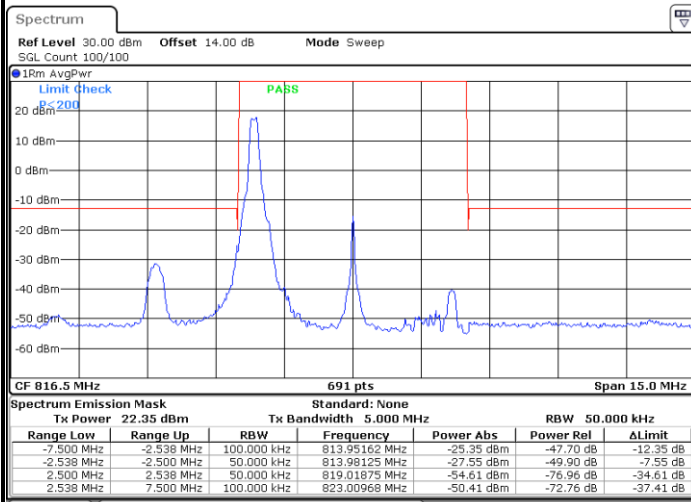


Date: 3.APR.2020 09:22:44



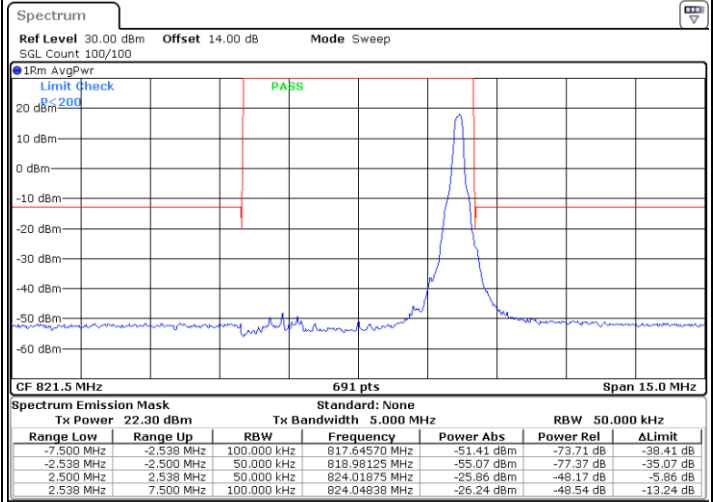
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



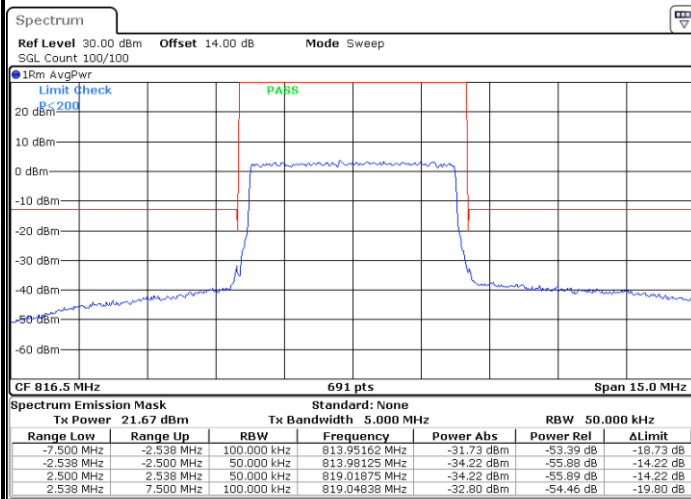
Date: 3.APR.2020 09:19:19

Highest Band Edge / 1 RB



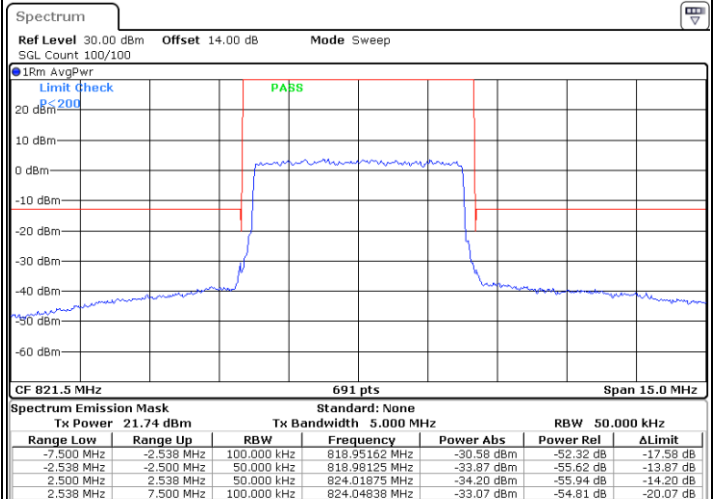
Date: 3.APR.2020 09:22:04

Lowest Band Edge / Full RB



Date: 3.APR.2020 09:18:59

Highest Band Edge / Full RB

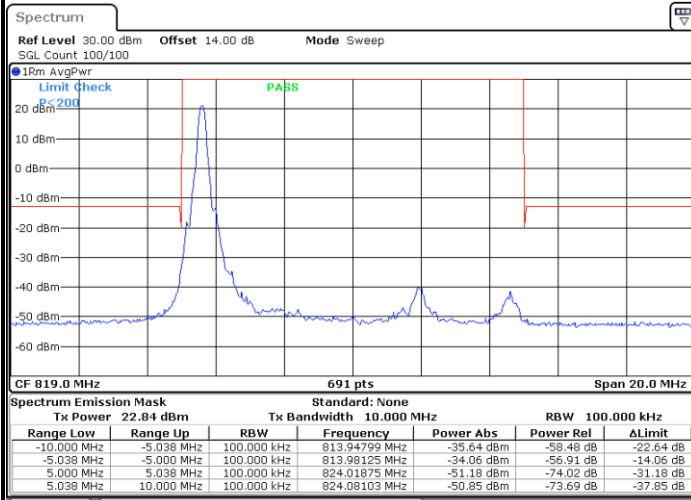


Date: 3.APR.2020 09:22:29



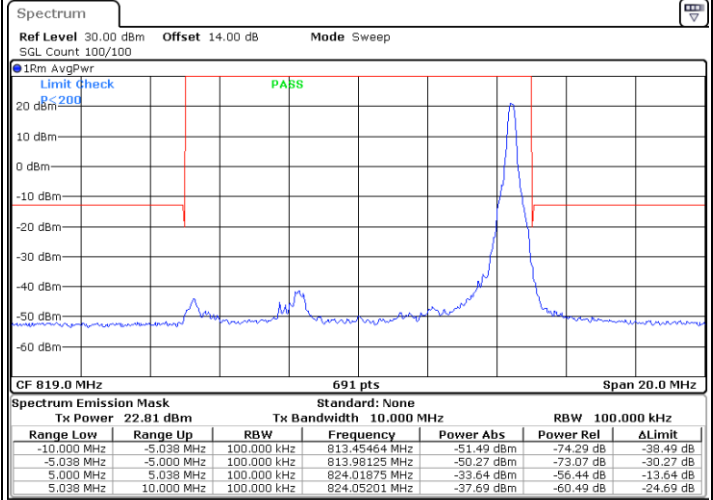
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



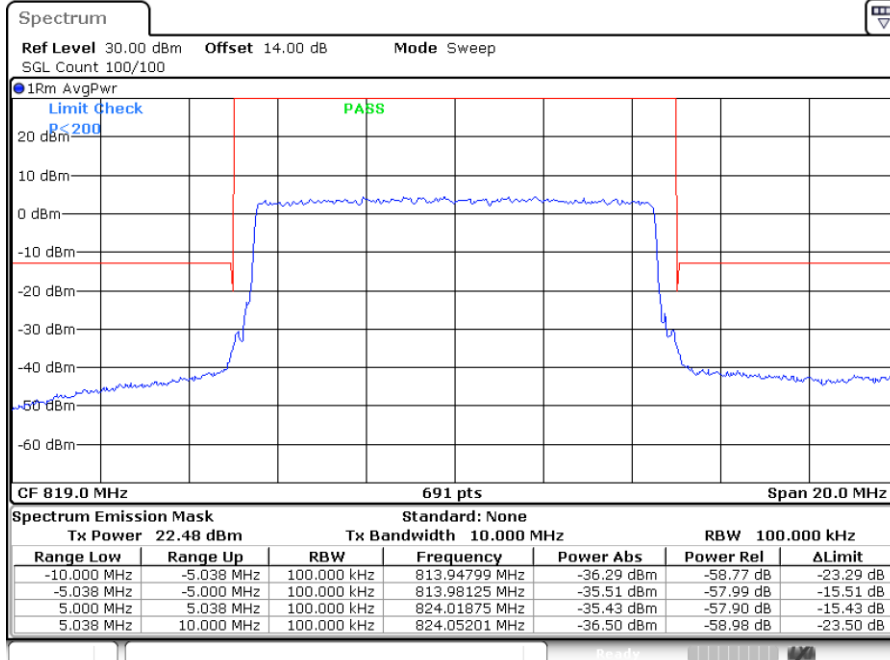
Date: 3.APR.2020 10:28:52

Highest Band Edge / 1 RB



Date: 3.APR.2020 10:29:53

Band Edge / Full RB

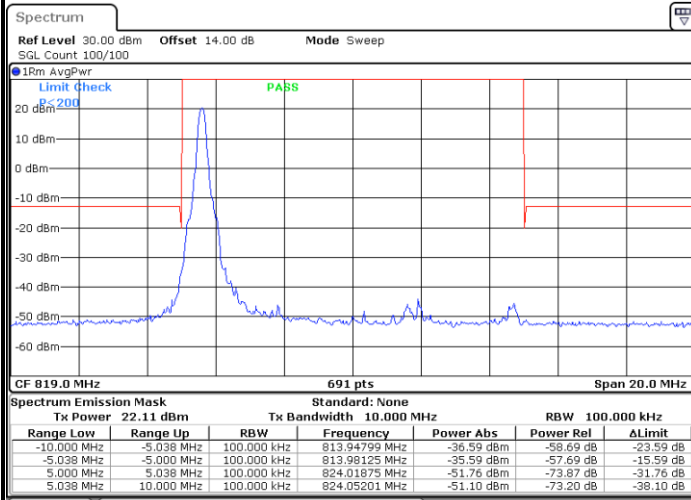


Date: 3.APR.2020 10:25:36



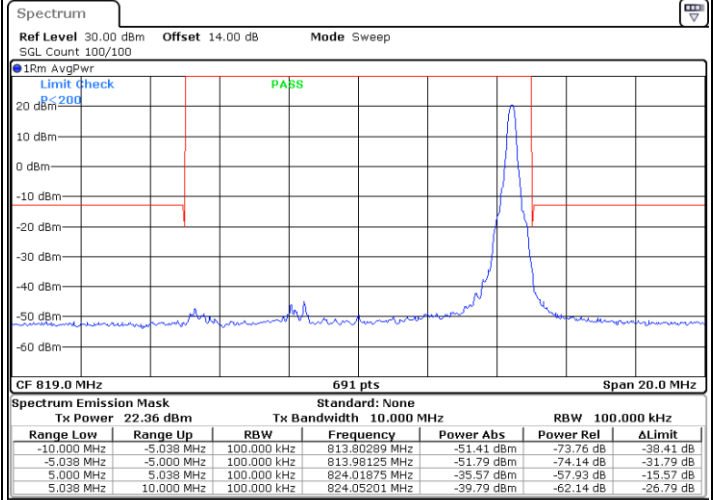
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



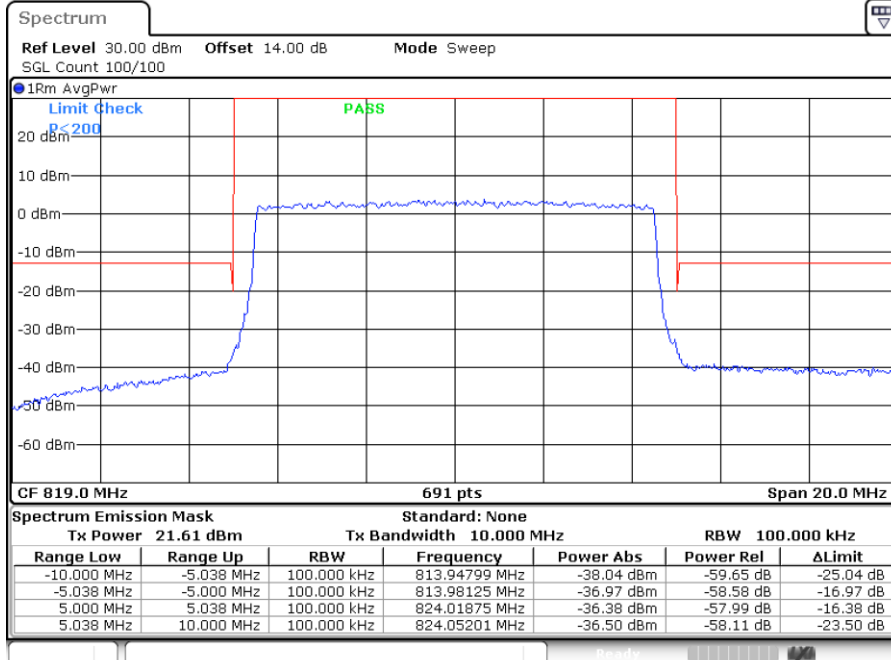
Date: 3.APR.2020 10:28:39

Highest Band Edge / 1 RB



Date: 3.APR.2020 10:29:35

Band Edge / Full RB

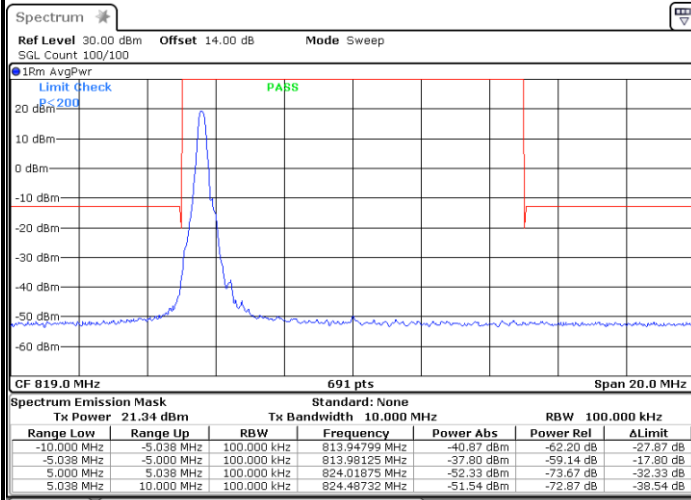


Date: 3.APR.2020 10:26:07



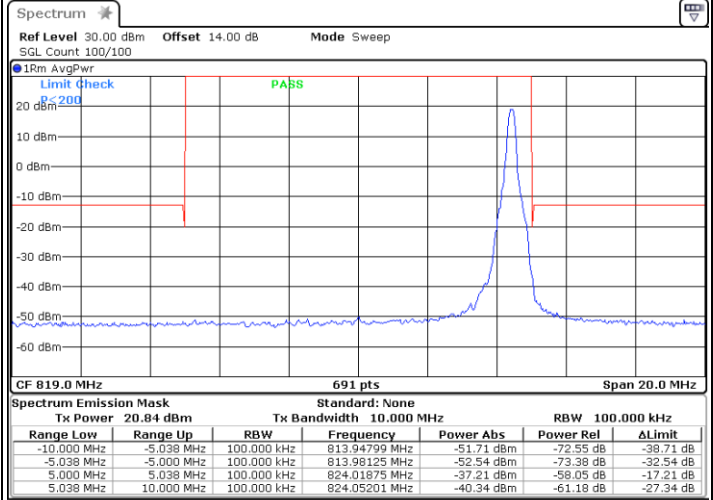
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



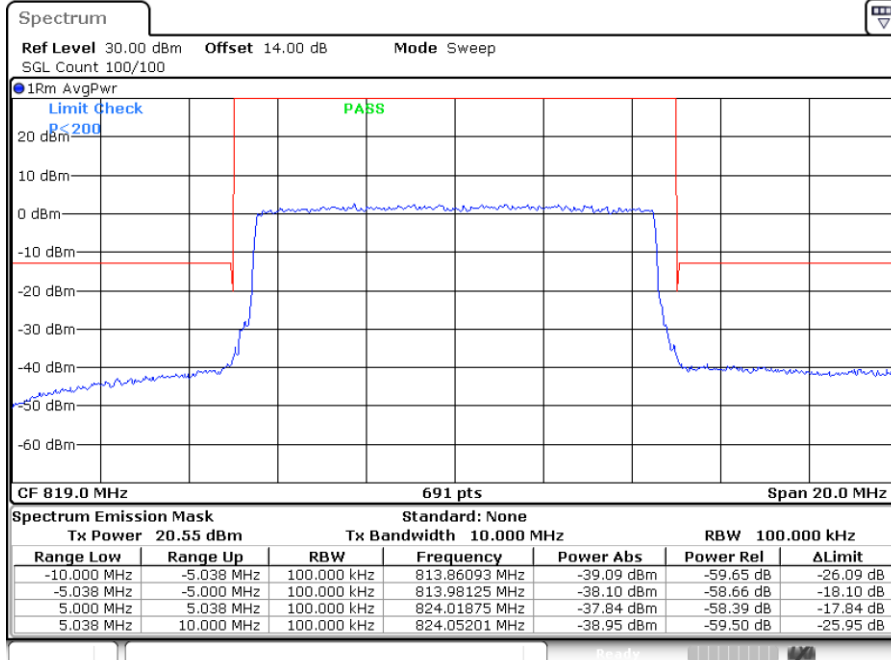
Date: 3.APR.2020 10:28:22

Highest Band Edge / 1 RB



Date: 3.APR.2020 11:01:09

Band Edge / Full RB

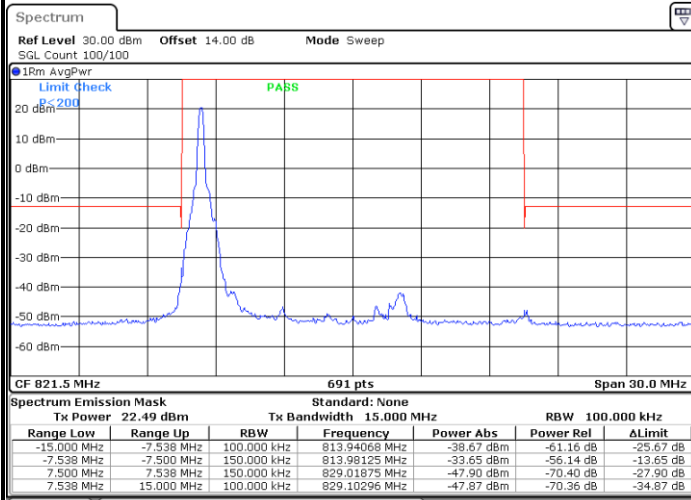


Date: 3.APR.2020 10:26:41



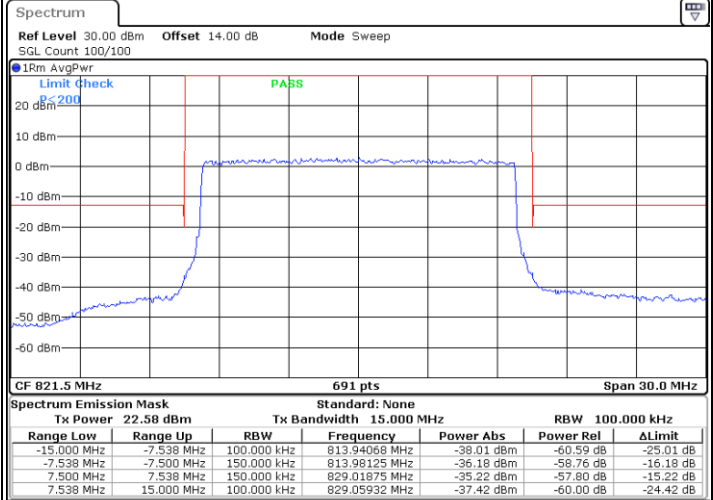
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 3.APR.2020 10:33:26

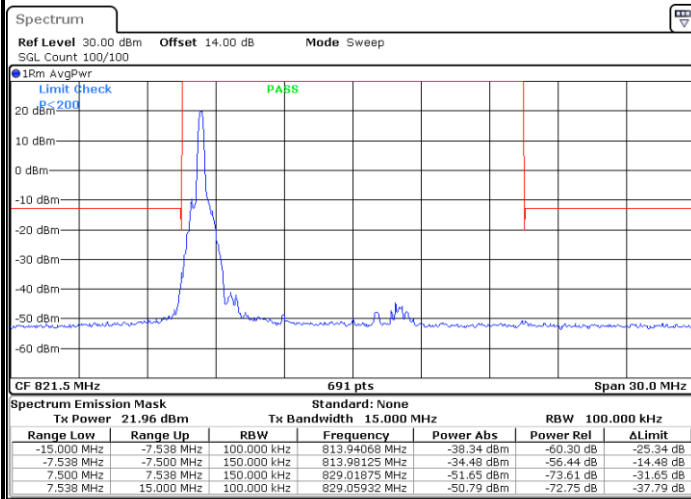
Lowest Band Edge / Full RB



Date: 3.APR.2020 10:31:51

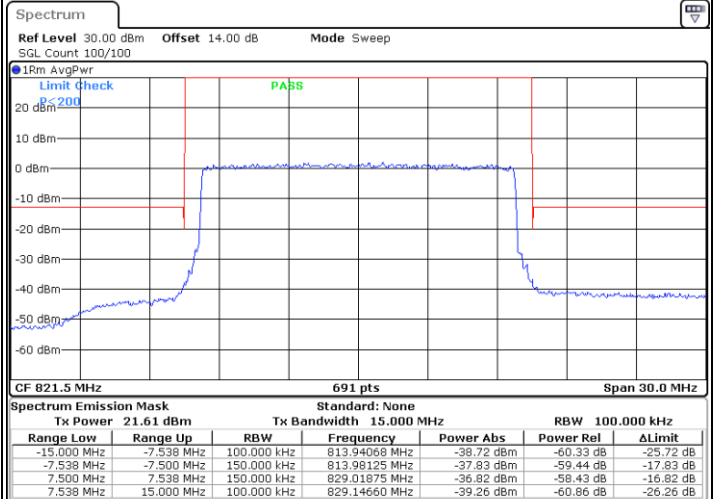
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 3.APR.2020 10:33:09

Lowest Band Edge / Full RB

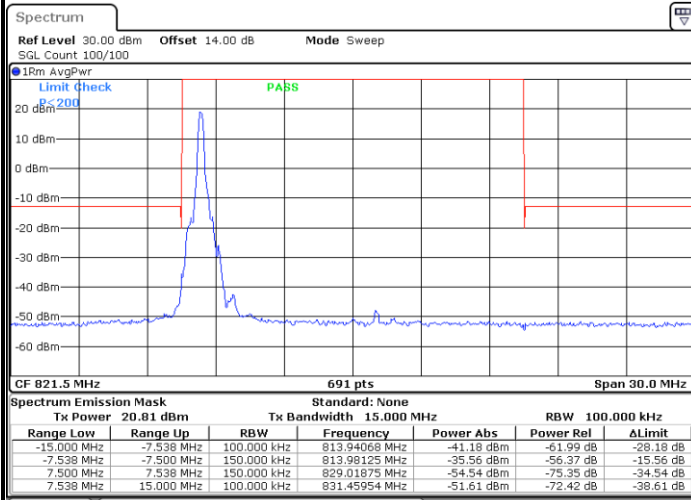


Date: 3.APR.2020 10:32:09



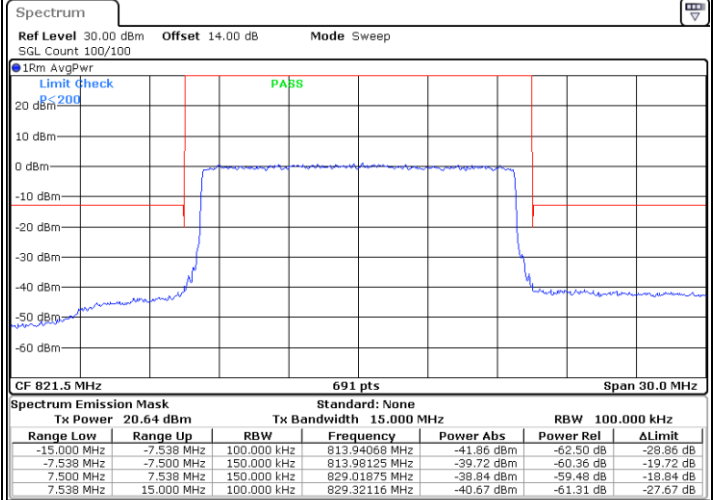
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 3.APR.2020 10:32:52

Lowest Band Edge / Full RB



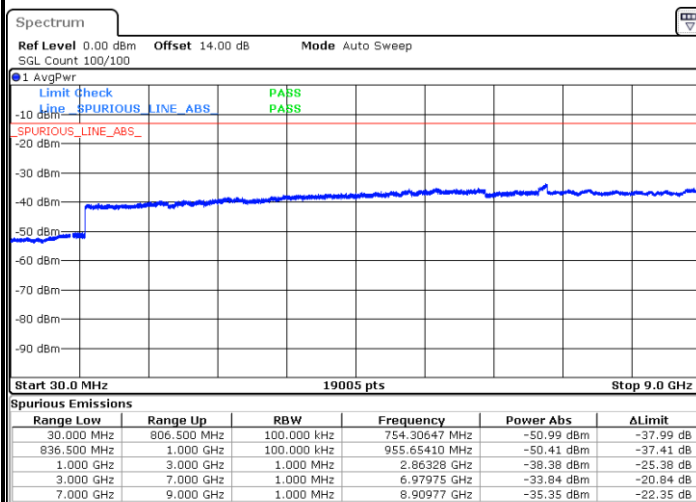
Date: 3.APR.2020 10:32:29



Conducted Spurious Emission

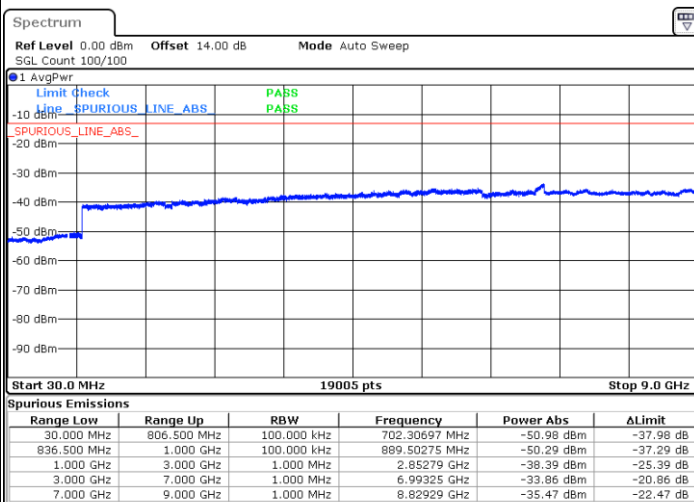
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



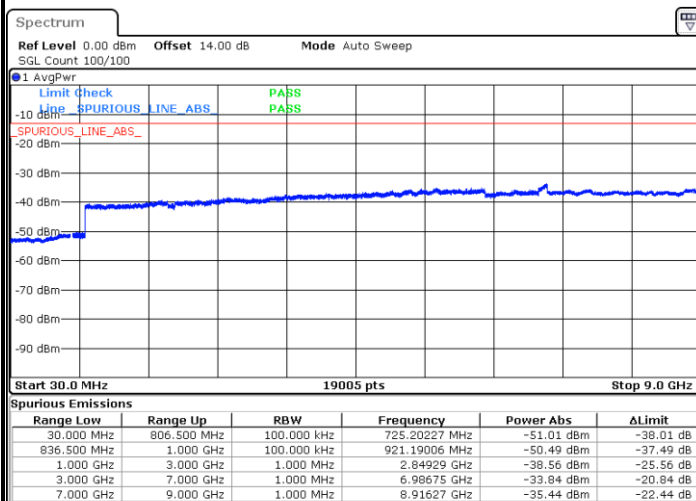
Date: 17.MAR.2020 14:28:34

Lowest Channel / 16QAM



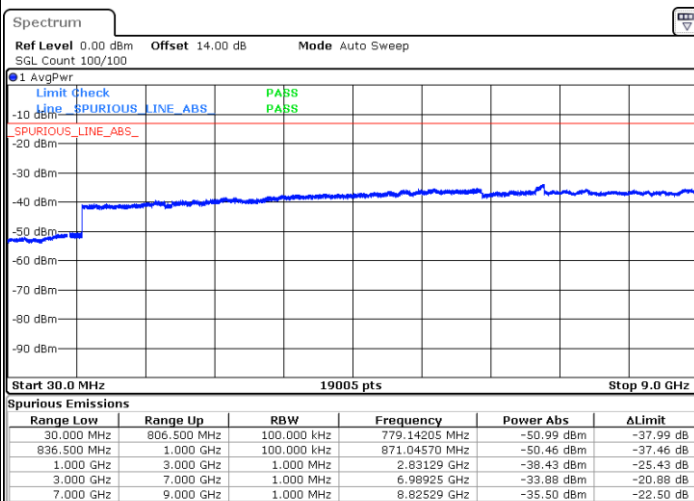
Date: 17.MAR.2020 14:29:16

Middle Channel / QPSK



Date: 17.MAR.2020 14:30:43

Middle Channel / 16QAM

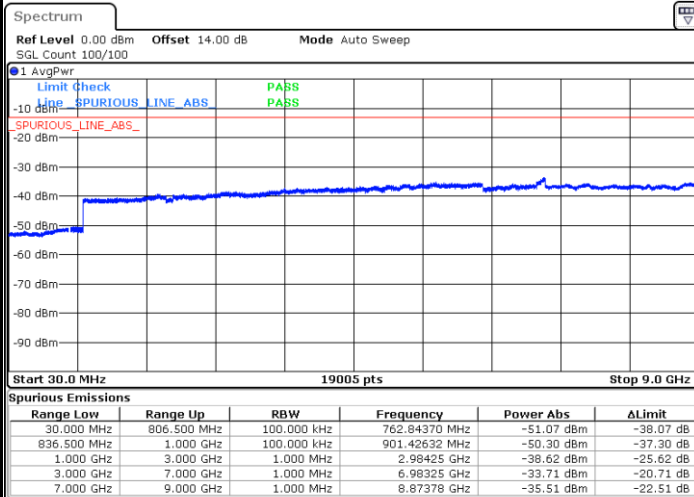


Date: 17.MAR.2020 14:31:25



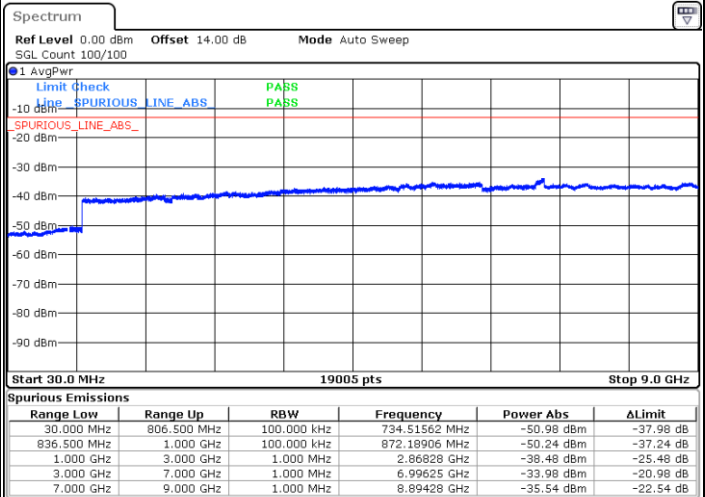
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 17.MAR.2020 14:32:52

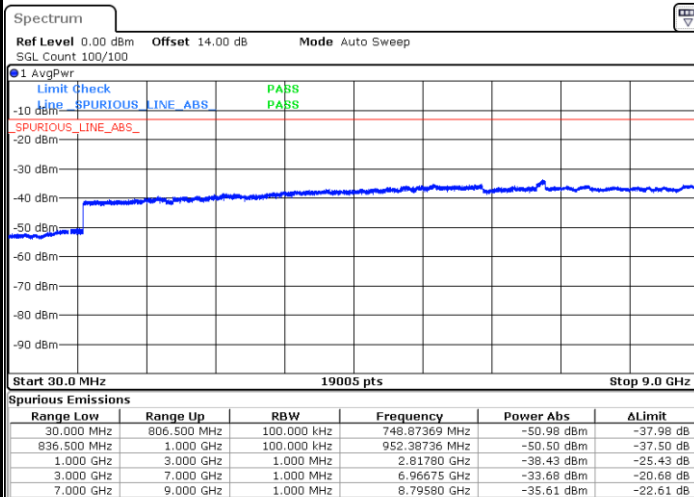
Highest Channel / 16QAM



Date: 17.MAR.2020 14:33:35

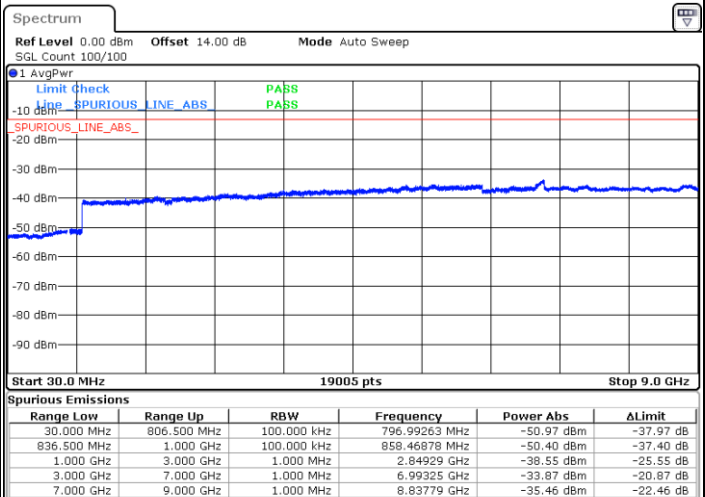
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 17.MAR.2020 15:10:42

Lowest Channel / 16QAM

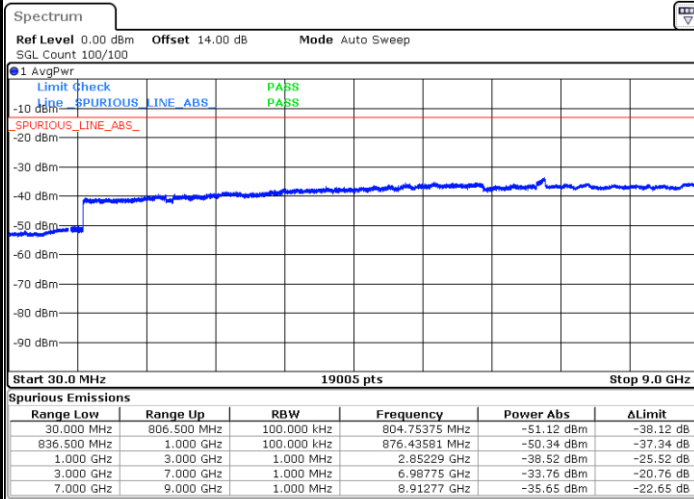


Date: 17.MAR.2020 15:11:24



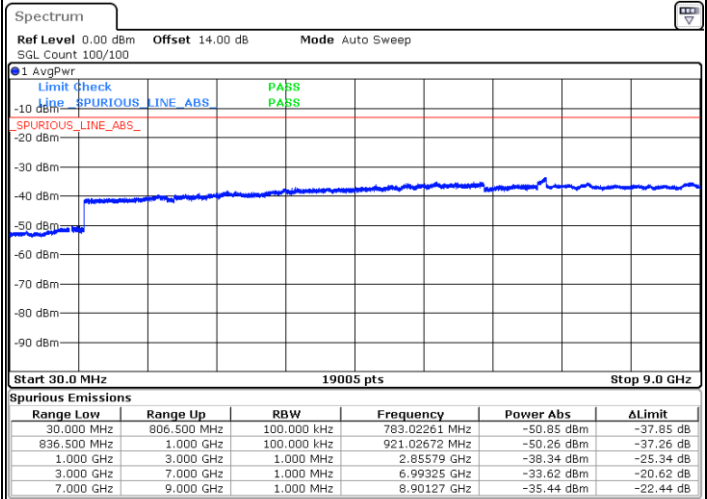
LTE Band 26 / 3MHz

Middle Channel / QPSK



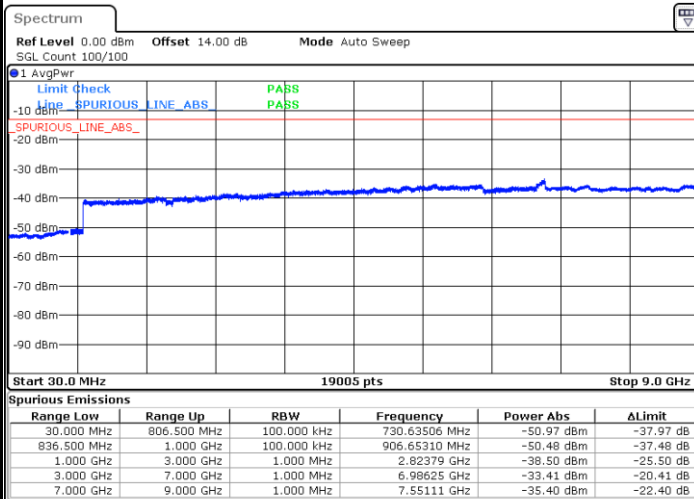
Date: 17.MAR.2020 15:12:51

Middle Channel / 16QAM



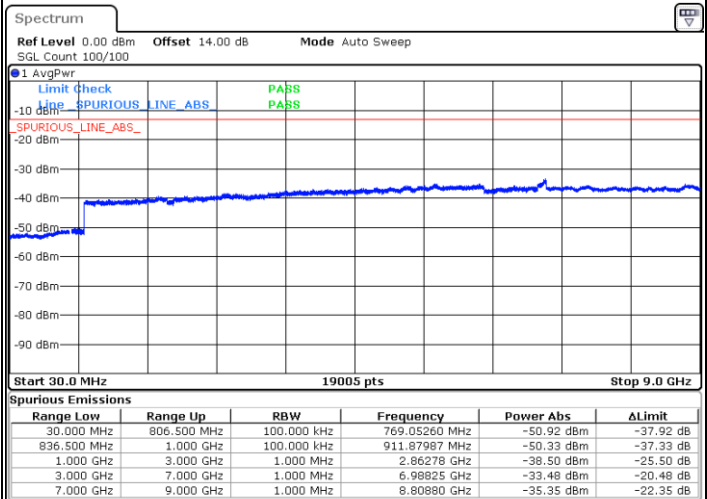
Date: 17.MAR.2020 15:13:33

Highest Channel / QPSK



Date: 17.MAR.2020 15:15:00

Highest Channel / 16QAM

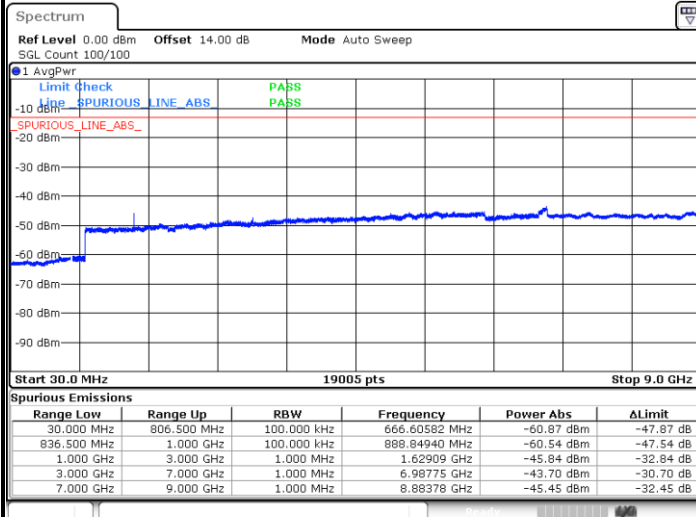


Date: 17.MAR.2020 15:15:42



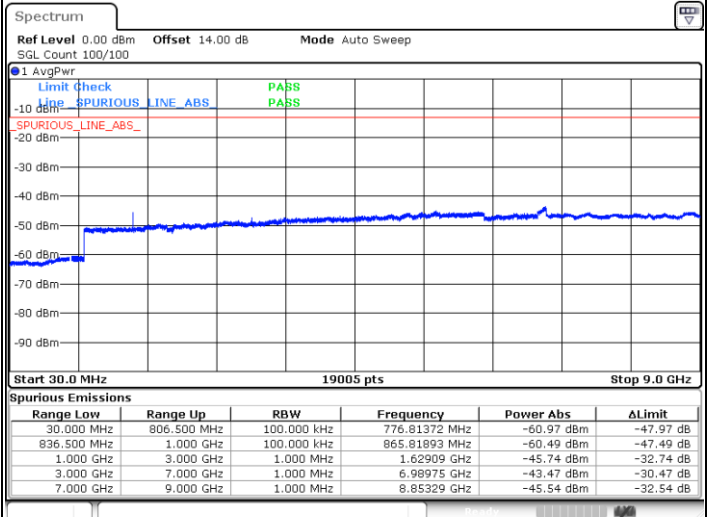
LTE Band 26 / 5MHz

Lowest Channel / QPSK



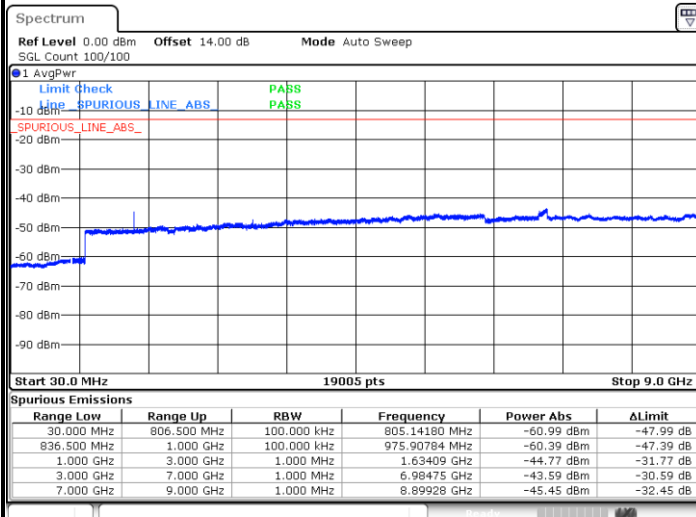
Date: 17.MAR.2020 15:17:09

Lowest Channel / 16QAM



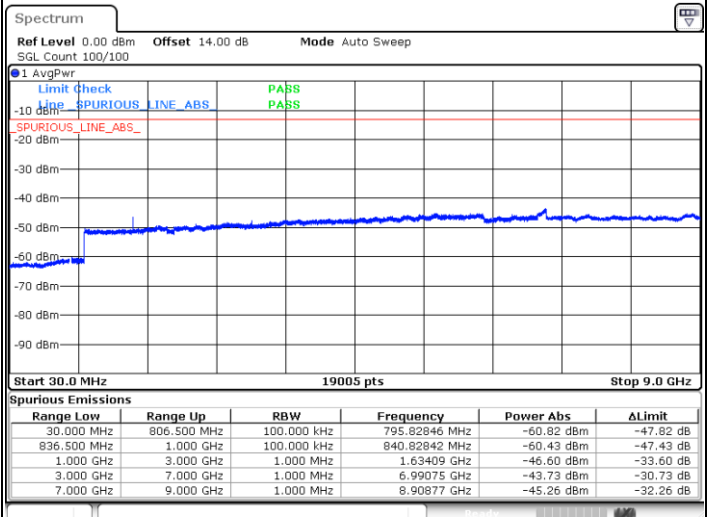
Date: 17.MAR.2020 15:19:45

Middle Channel / QPSK



Date: 17.MAR.2020 15:21:11

Middle Channel / 16QAM

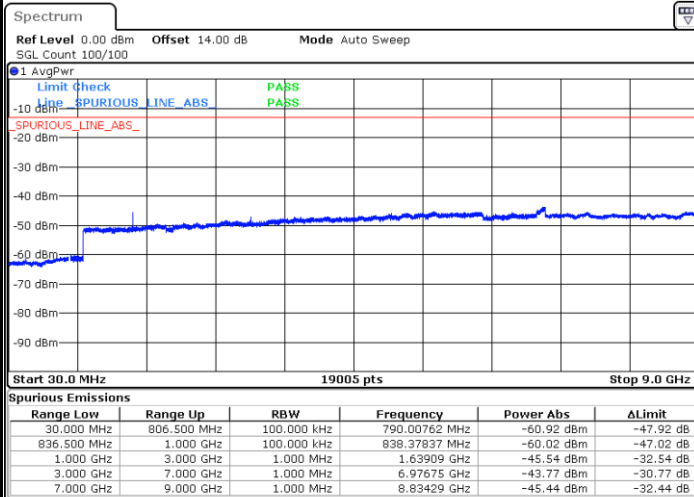


Date: 17.MAR.2020 15:21:53



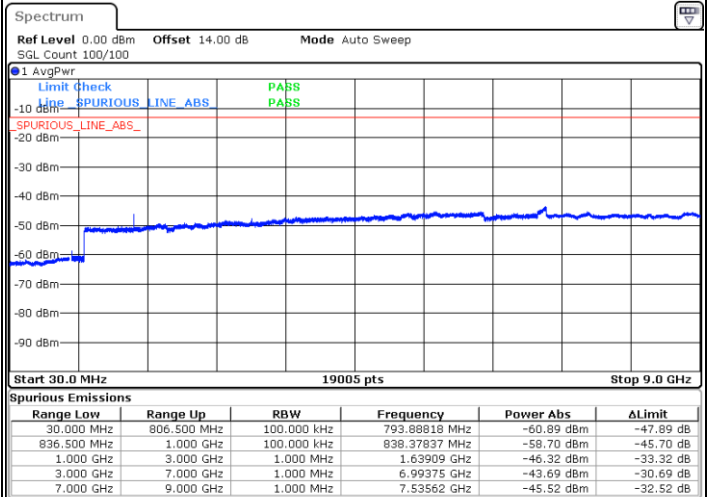
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 17.MAR.2020 15:23:20

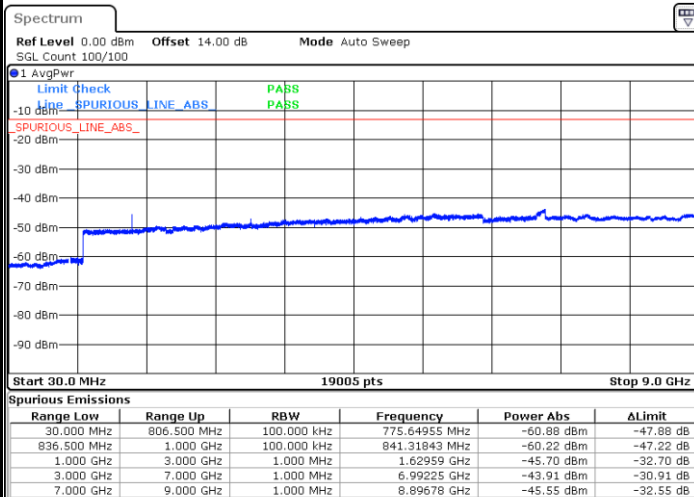
Highest Channel / 16QAM



Date: 17.MAR.2020 15:24:02

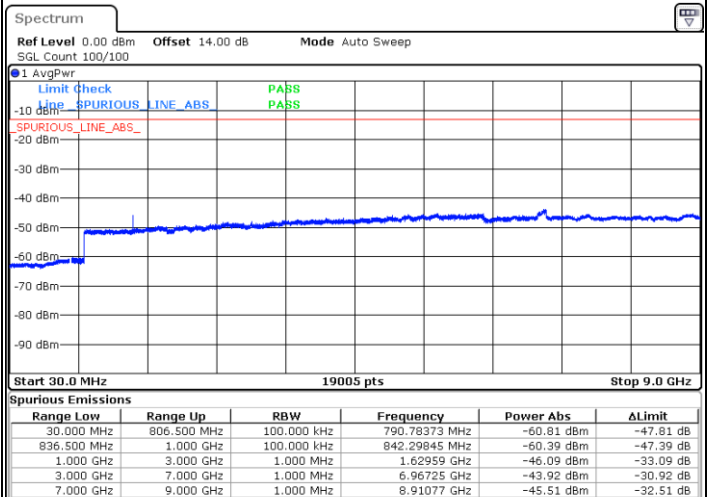
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 17.MAR.2020 15:25:29

Middle Channel / 16QAM

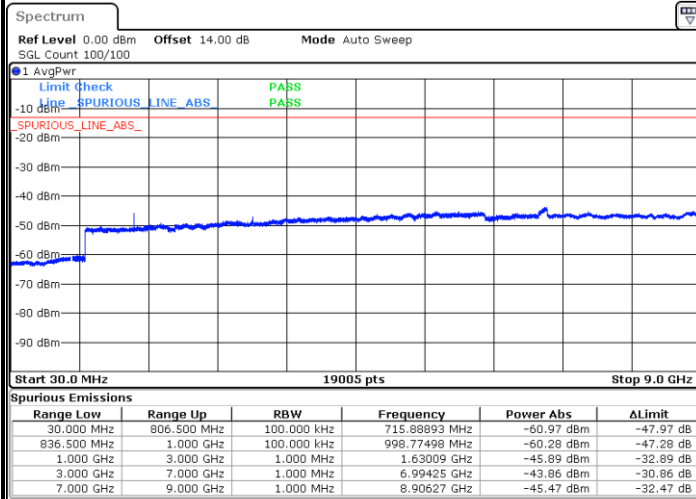


Date: 17.MAR.2020 15:26:11



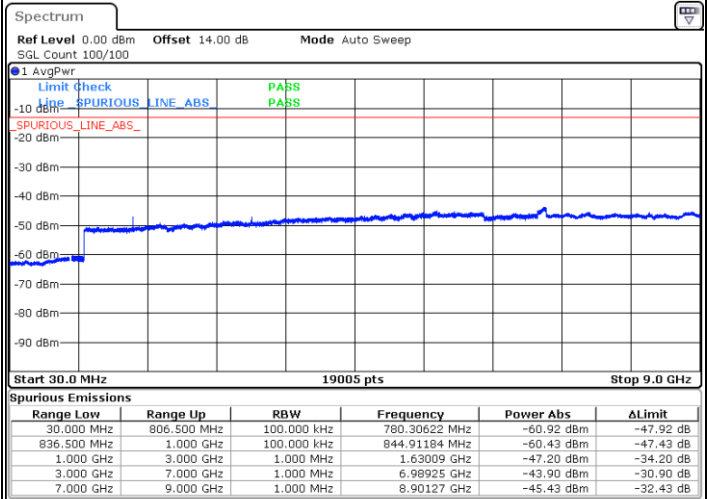
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 17.MAR.2020 15:27:38

Lowest Channel / 16QAM

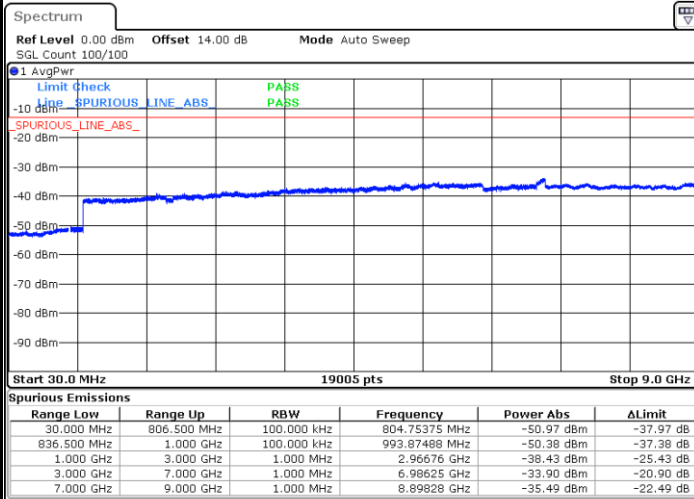


Date: 17.MAR.2020 15:28:20



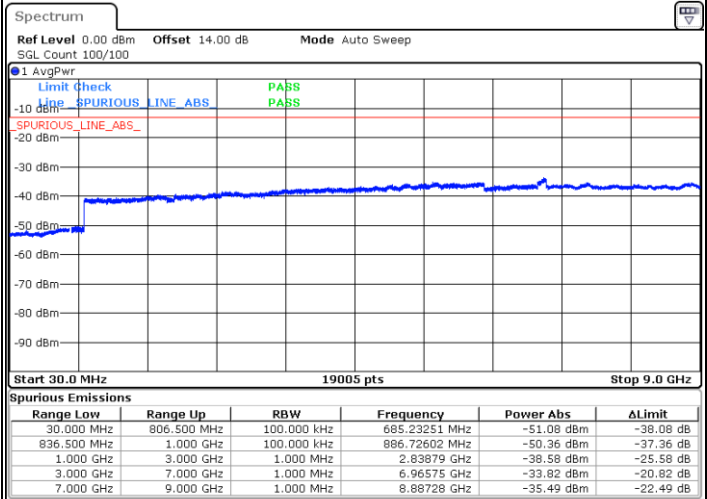
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



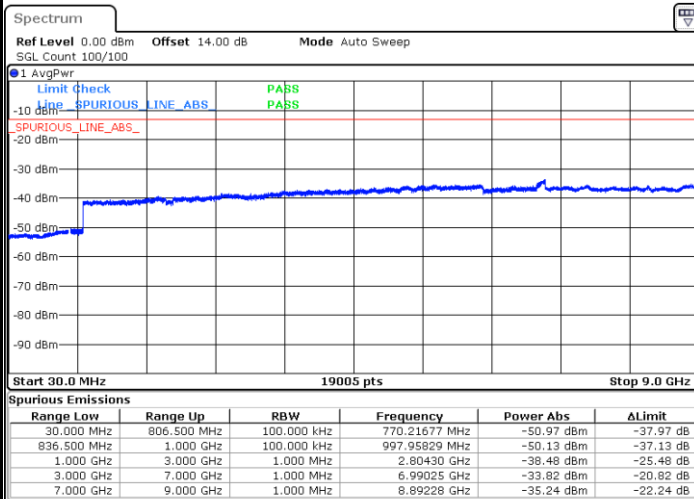
Date: 17.MAR.2020 16:02:54

Middle Channel / 64QAM



Date: 17.MAR.2020 16:03:58

Highest Channel / 64QAM

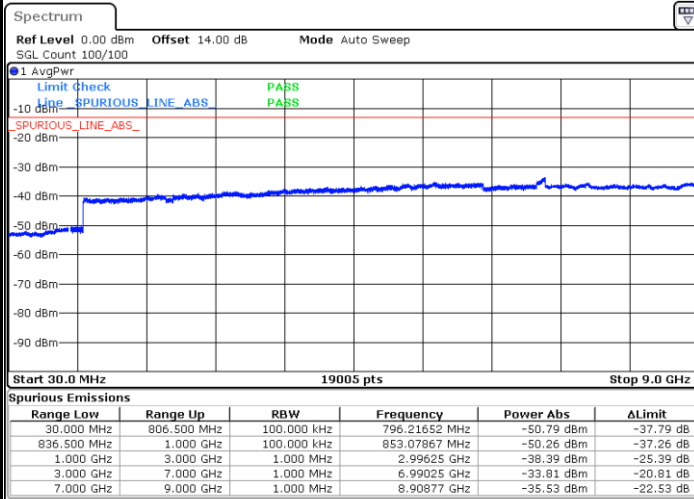


Date: 17.MAR.2020 16:05:03



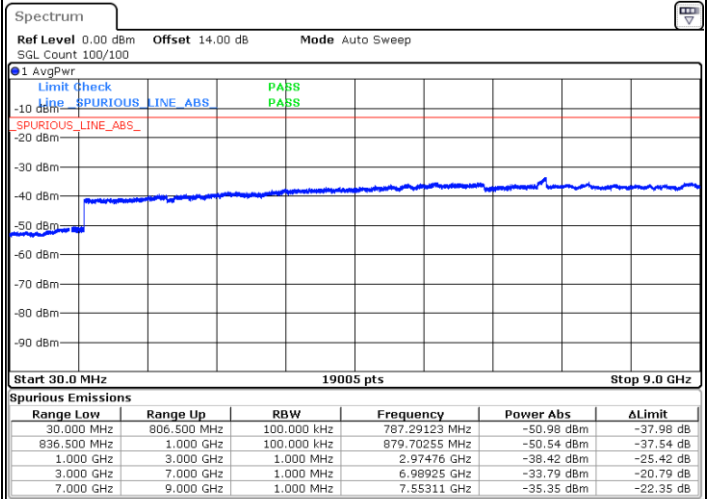
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



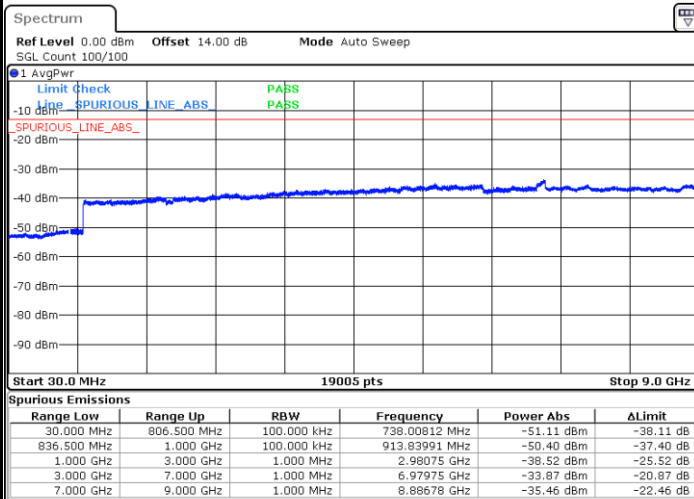
Date: 17.MAR.2020 15:52:54

Middle Channel / 64QAM



Date: 17.MAR.2020 15:53:59

Highest Channel / 64QAM

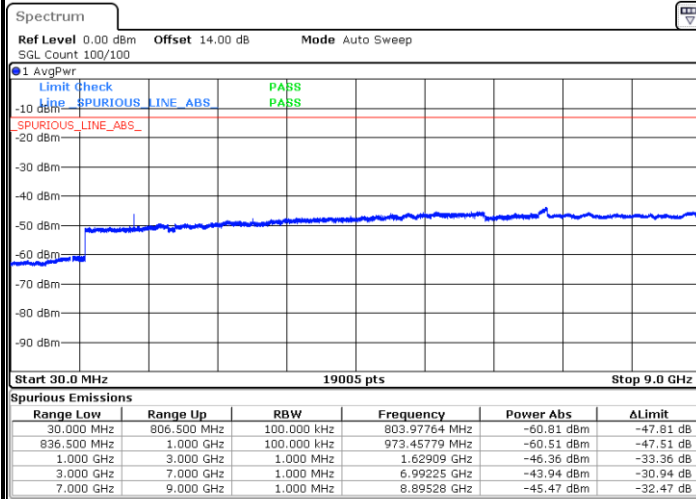


Date: 17.MAR.2020 15:55:03



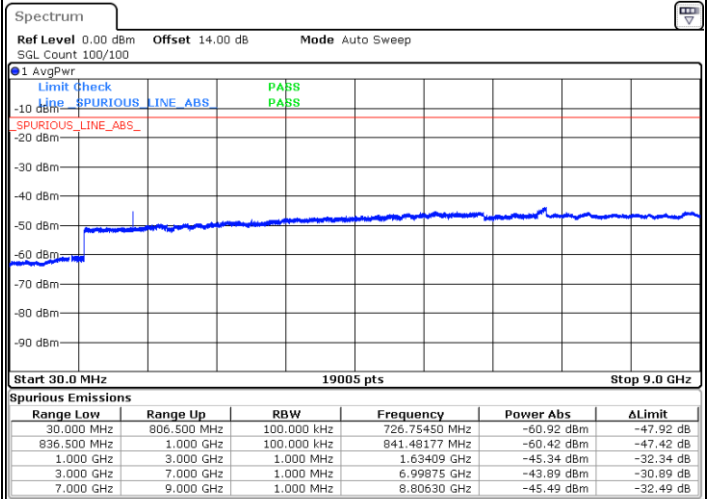
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



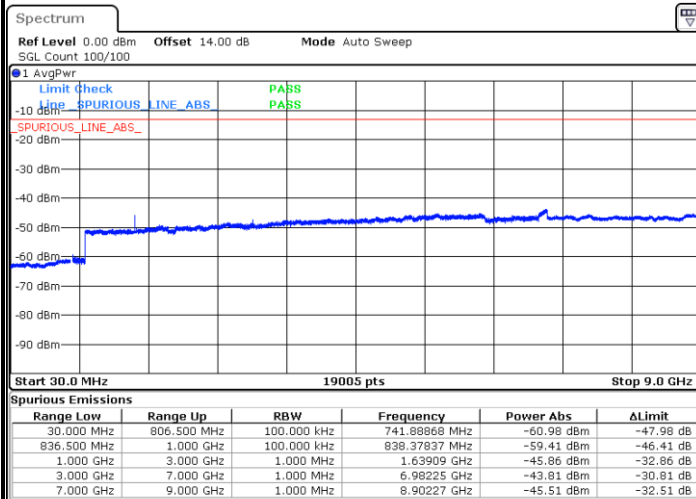
Date: 17.MAR.2020 15:56:08

Middle Channel / 64QAM

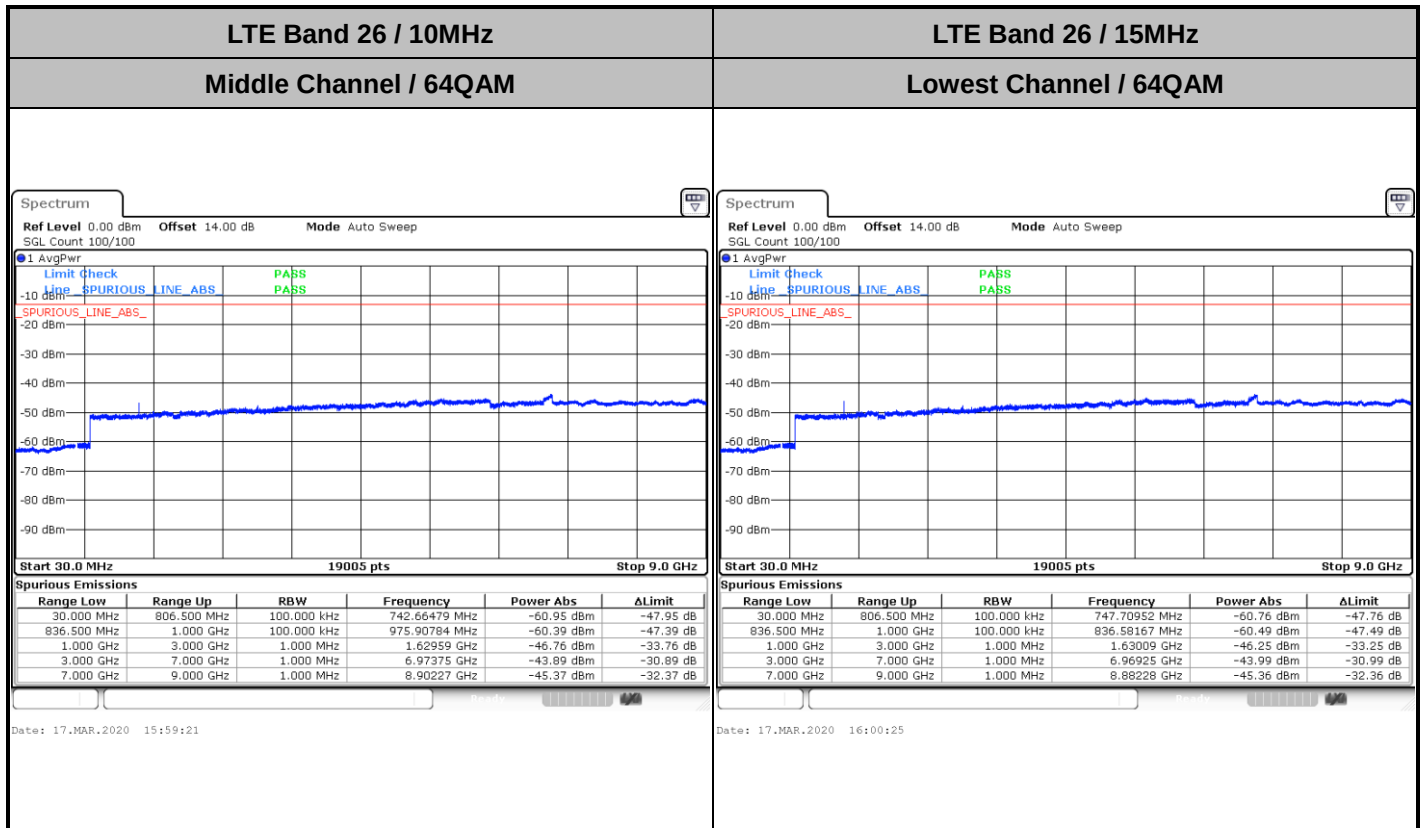


Date: 17.MAR.2020 15:57:12

Highest Channel / 64QAM



Date: 17.MAR.2020 15:58:16



**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0105	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0041	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0062	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0053	

Note: Normal Voltage =3.3 V.; Battery End Point (BEP) =3.135 V.; Maximum Voltage =4.4 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	1628.14	-66.07	-13	-53.07	-76.76	-72.83	5.82	12.58	H
	2442.21	-61.18	-13	-48.18	-79.25	-66.90	7.28	13.00	H
	3256.28	-59.41	-13	-46.41	-79.53	-62.57	8.32	11.48	H
	1628.14	-66.22	-13	-53.22	-77.51	-72.98	5.82	12.58	V
	2442.21	-60.41	-13	-47.41	-78.92	-66.13	7.28	13.00	V
	3256.28	-57.87	-13	-44.87	-79.26	-61.03	8.32	11.48	V
Middle	1636.74	-66.60	-13	-53.60	-77.29	-73.35	5.85	12.60	H
	2455.11	-60.80	-13	-47.80	-79.00	-66.60	7.30	13.10	H
	3273.48	-59.66	-13	-46.66	-79.87	-62.81	8.35	11.50	H
	1636.74	-65.72	-13	-52.72	-77.01	-72.47	5.85	12.60	V
	2455.11	-60.69	-13	-47.69	-79.28	-66.49	7.30	13.10	V
	3273.48	-58.46	-13	-45.46	-79.76	-61.61	8.35	11.50	V
Highest	1645.34	-66.44	-13	-53.44	-77.19	-73.20	5.82	12.58	H
	2468.01	-61.06	-13	-48.06	-79.26	-66.78	7.28	13.00	H
	3290.68	-59.79	-13	-46.79	-80.10	-62.95	8.32	11.48	H
	1645.34	-65.75	-13	-52.75	-77.14	-72.51	5.82	12.58	V
	2468.01	-60.60	-13	-47.60	-79.19	-66.32	7.28	13.00	V
	3290.68	-58.81	-13	-45.81	-80.01	-61.97	8.32	11.48	V

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



LTE Band 26 / 3MHz / 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	1628.3	-66.86	-13	-53.86	-77.55	-73.62	5.82	12.58	H
	2442.45	-61.03	-13	-48.03	-79.10	-66.75	7.28	13.00	H
	3256.6	-59.21	-13	-46.21	-79.33	-62.37	8.32	11.48	H
	1628.3	-65.78	-13	-52.78	-77.07	-72.54	5.82	12.58	V
	2442.45	-60.49	-13	-47.49	-79	-66.21	7.28	13.00	V
	3256.6	-57.81	-13	-44.81	-79.2	-60.97	8.32	11.48	V
Middle	1635.3	-66.63	-13	-53.63	-77.32	-73.38	5.85	12.60	H
	2452.95	-61.15	-13	-48.15	-79.22	-66.95	7.30	13.10	H
	3270.6	-59.59	-13	-46.59	-79.80	-62.74	8.35	11.50	H
	1635.3	-65.88	-13	-52.88	-77.17	-72.63	5.85	12.60	V
	2452.95	-60.40	-13	-47.40	-78.91	-66.20	7.30	13.10	V
	3270.6	-58.46	-13	-45.46	-79.76	-61.61	8.35	11.50	V
Highest	1642.3	-66.30	-13	-53.30	-77.05	-73.04	5.88	12.62	H
	2463.45	-61.21	-13	-48.21	-79.41	-67.02	7.32	13.13	H
	3284.6	-59.68	-13	-46.68	-79.89	-62.84	8.38	11.54	H
	1642.3	-65.97	-13	-52.97	-77.36	-72.71	5.88	12.62	V
	2463.45	-60.40	-13	-47.40	-78.99	-66.21	7.32	13.13	V
	3284.6	-58.74	-13	-45.74	-80.04	-61.90	8.38	11.54	V

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



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	1628.3	-67.12	-13	-54.12	-77.81	-73.88	5.82	12.58	H
	2442.45	-60.73	-13	-47.73	-78.80	-66.45	7.28	13.00	H
	3256.6	-59.38	-13	-46.38	-79.50	-62.54	8.32	11.48	H
	1628.3	-66.22	-13	-53.22	-77.51	-72.98	5.82	12.58	V
	2442.45	-60.26	-13	-47.26	-78.77	-65.98	7.28	13.00	V
	3256.6	-57.63	-13	-44.63	-79.02	-60.79	8.32	11.48	V
Middle	1635.3	-66.43	-13	-53.43	-77.12	-73.18	5.85	12.60	H
	2452.95	-61.28	-13	-48.28	-79.35	-67.08	7.30	13.10	H
	3270.6	-59.52	-13	-46.52	-79.73	-62.67	8.35	11.50	H
	1635.3	-65.73	-13	-52.73	-77.02	-72.48	5.85	12.60	V
	2452.95	-60.57	-13	-47.57	-79.08	-66.37	7.30	13.10	V
	3270.6	-58.55	-13	-45.55	-79.85	-61.70	8.35	11.50	V
Highest	1642.3	-66.55	-13	-53.55	-77.30	-73.29	5.88	12.62	H
	2463.45	-61.13	-13	-48.13	-79.33	-66.94	7.32	13.13	H
	3284.6	-59.40	-13	-46.40	-79.61	-62.56	8.38	11.54	H
	1642.3	-65.74	-13	-52.74	-77.13	-72.48	5.88	12.62	V
	2463.45	-60.69	-13	-47.69	-79.28	-66.50	7.32	13.13	V
	3284.6	-58.57	-13	-45.57	-79.87	-61.73	8.38	11.54	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	-66.10	-13	-53.10	-76.79	-72.85	5.85	12.60	H
	2443.5	-60.74	-13	-47.74	-78.81	-66.54	7.30	13.10	H
	3258	-58.95	-13	-45.95	-79.07	-62.10	8.35	11.50	H
	1629	-65.36	-13	-52.36	-76.65	-72.11	5.85	12.60	V
	2443.5	-60.34	-13	-47.34	-78.85	-66.14	7.30	13.10	V
	3258	-58.02	-13	-45.02	-79.41	-61.17	8.35	11.50	V

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