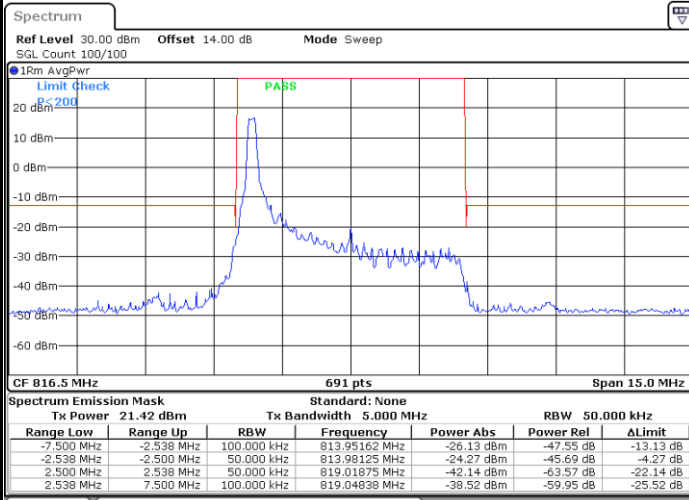




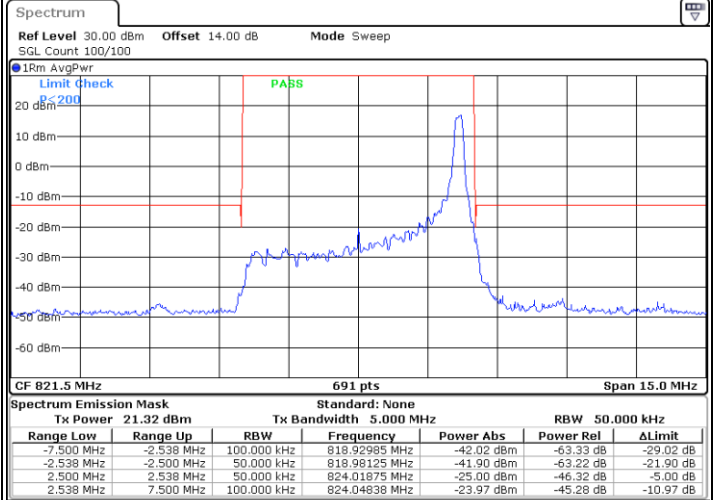
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



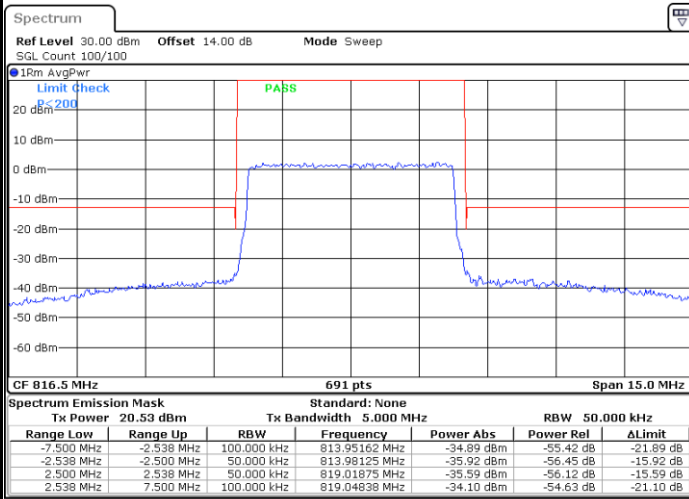
Date: 20 MAY 2019 11:05:53

Highest Band Edge / 1 RB



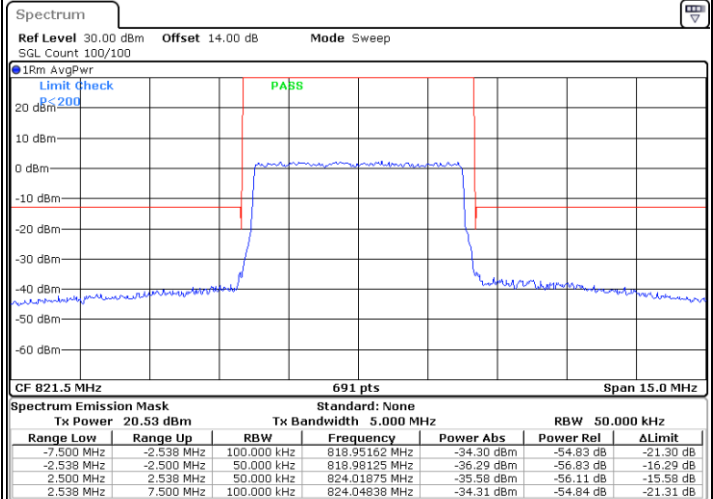
Date: 20 MAY 2019 11:10:32

Lowest Band Edge / Full RB



Date: 20 MAY 2019 11:08:13

Highest Band Edge / Full RB

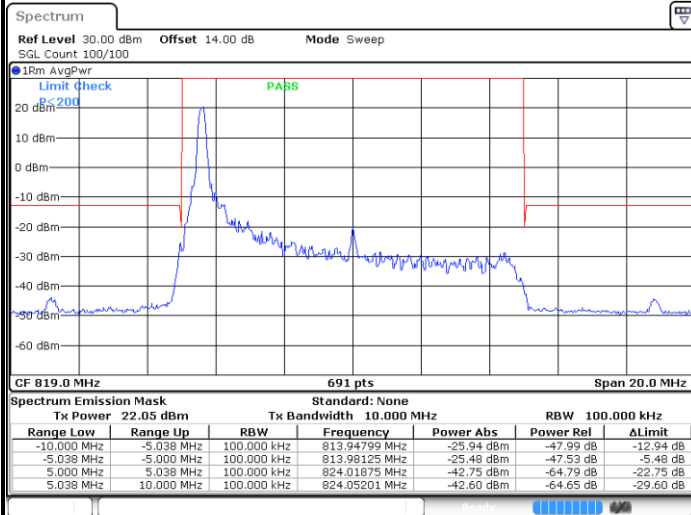


Date: 20 MAY 2019 11:12:53

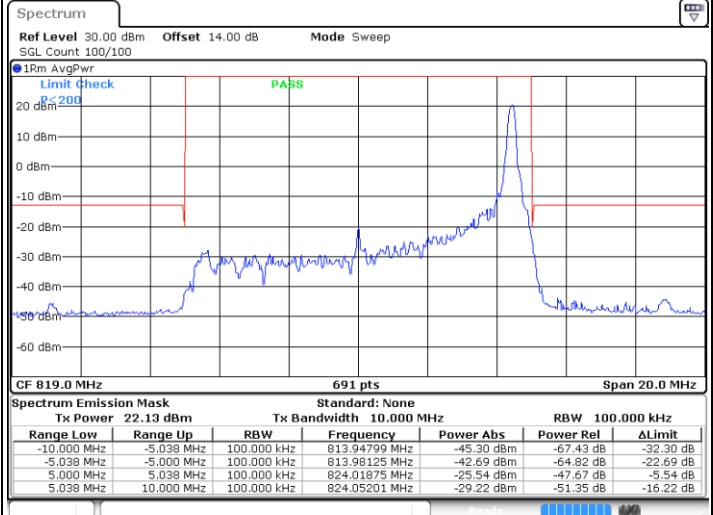


LTE Band 26 / 10MHz / QPSK

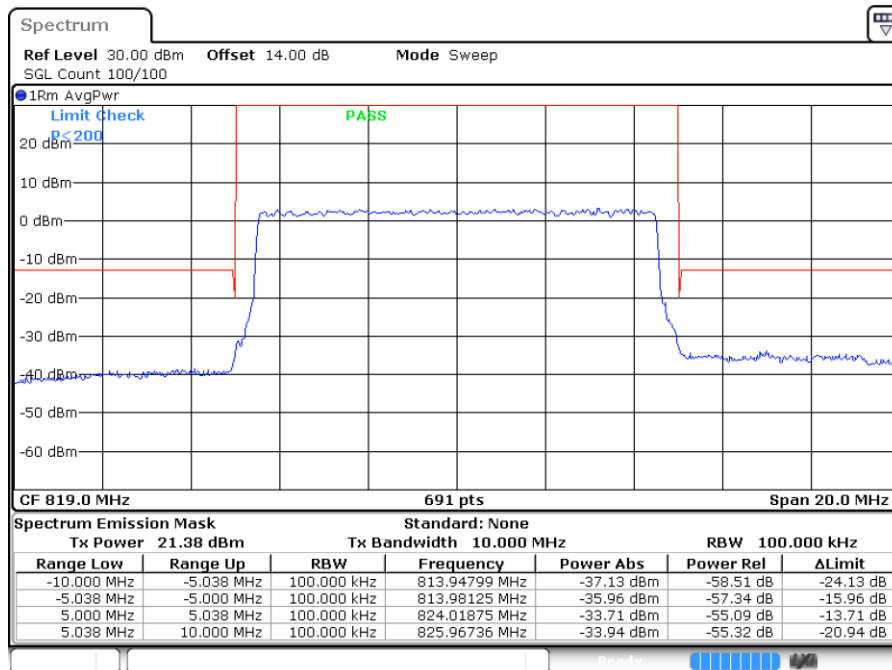
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



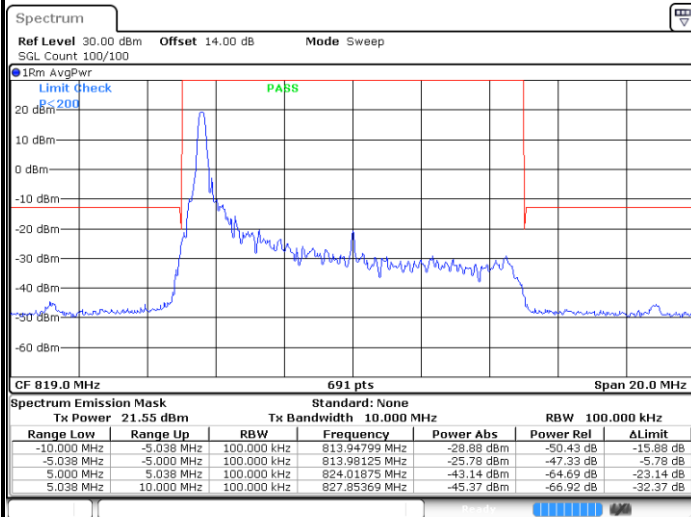
Band Edge / Full RB



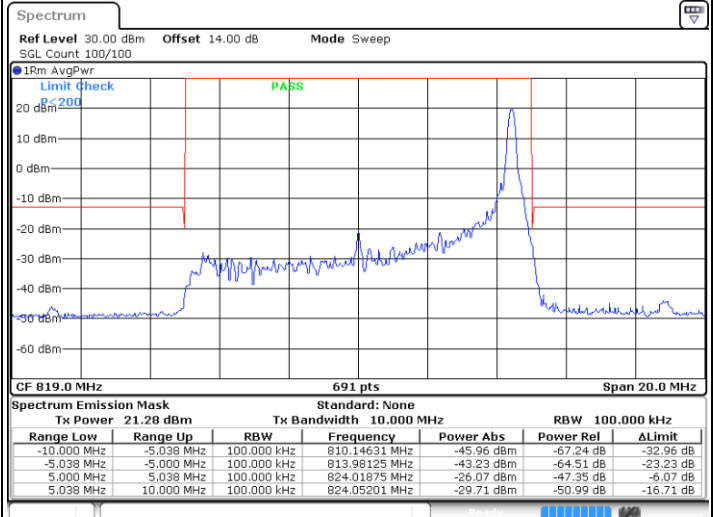


LTE Band 26 / 10MHz / 16QAM

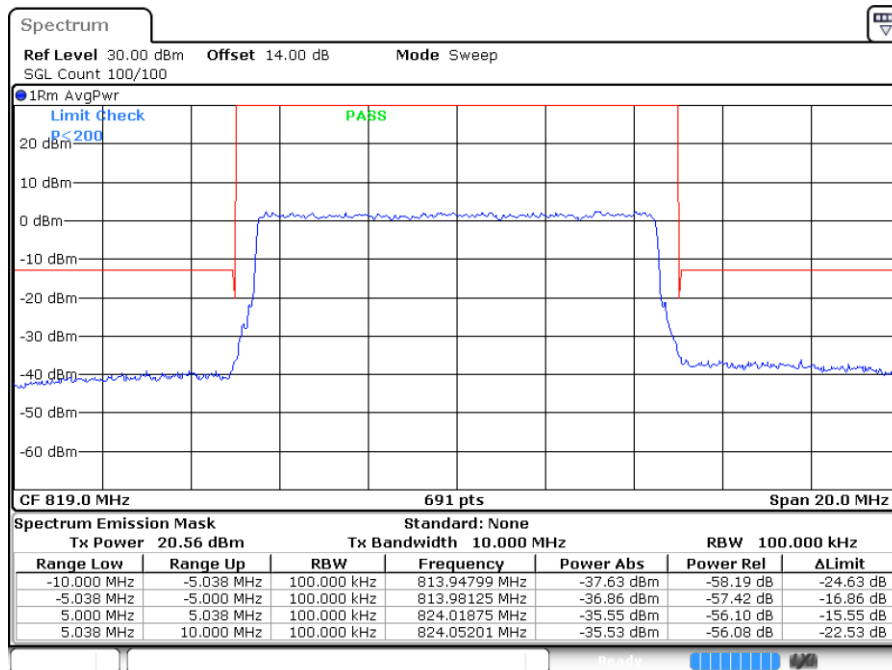
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



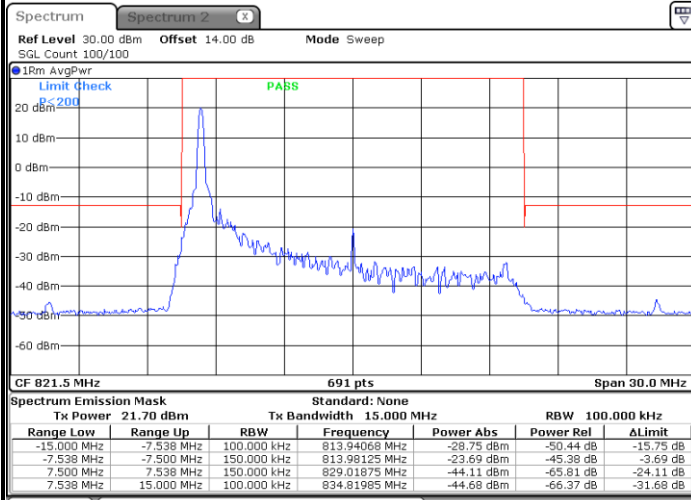
Band Edge / Full RB



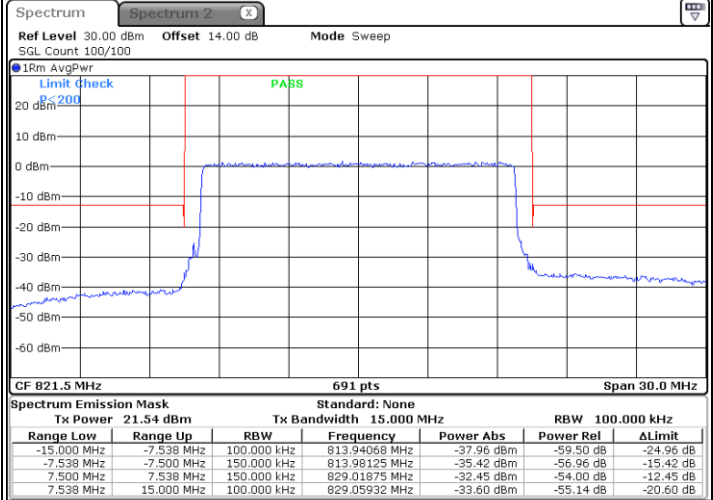


LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

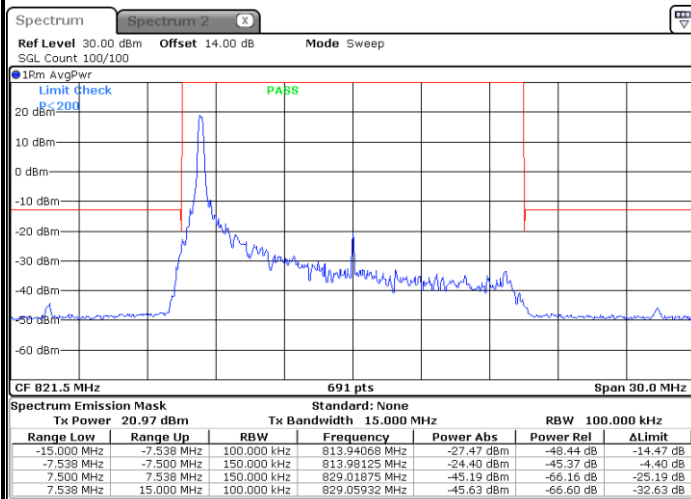


Lowest Band Edge / Full RB

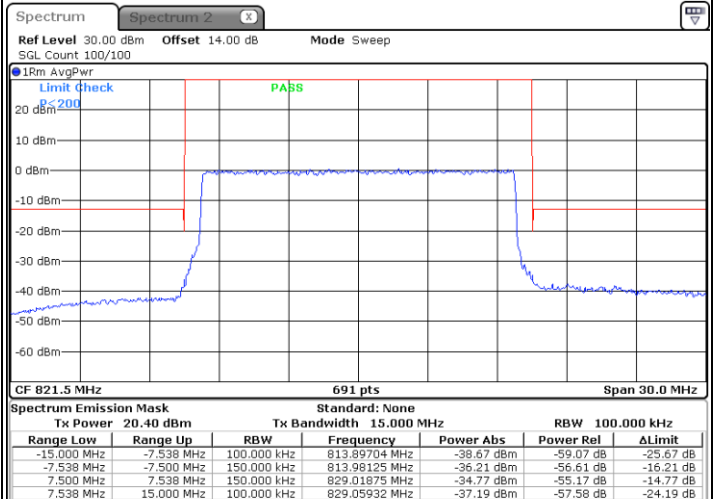


LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



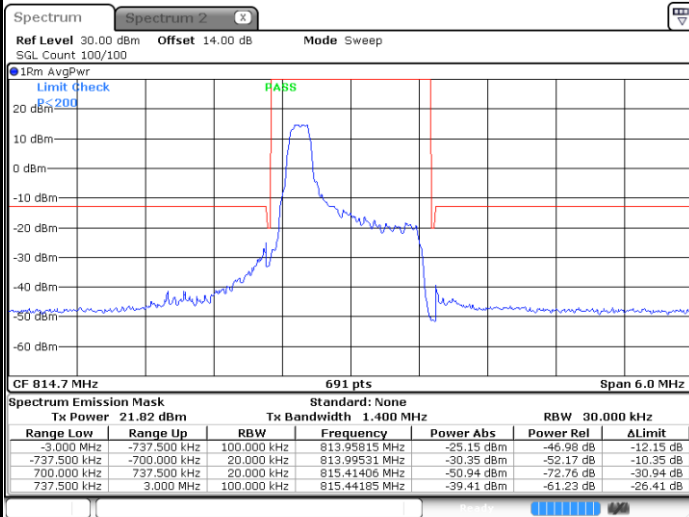
Lowest Band Edge / Full RB



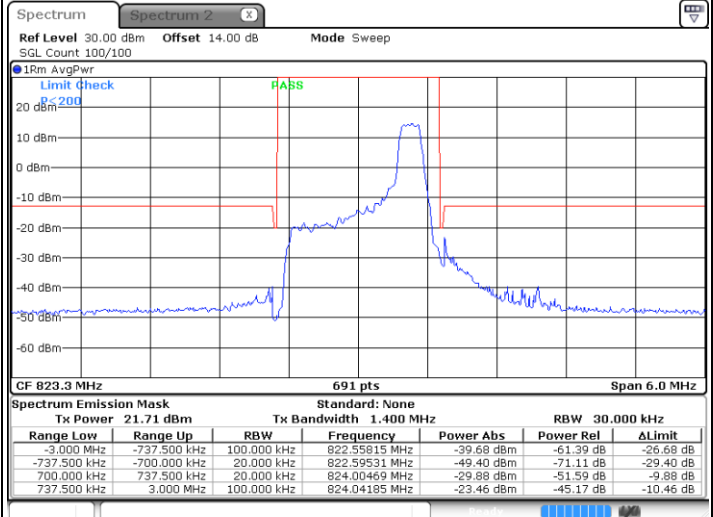


LTE Band 26/ 1.4MHz / 64QAM

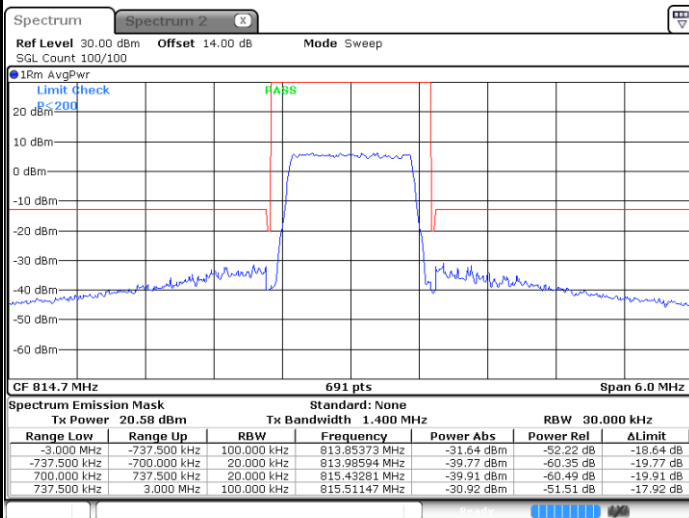
Lowest Band Edge / 1RB



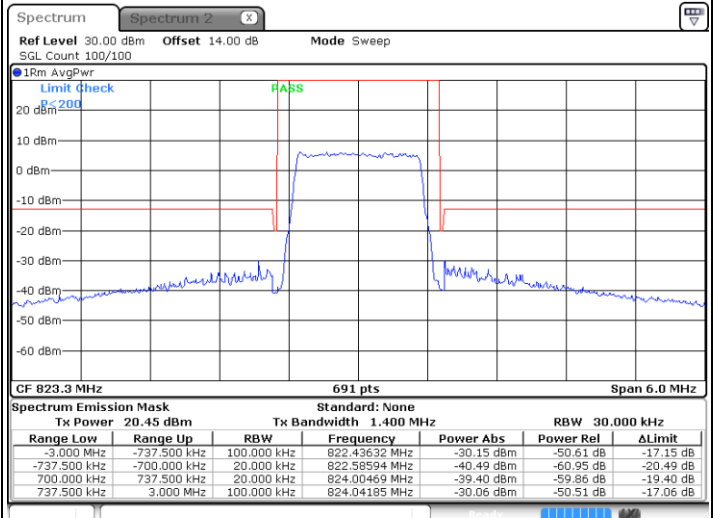
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



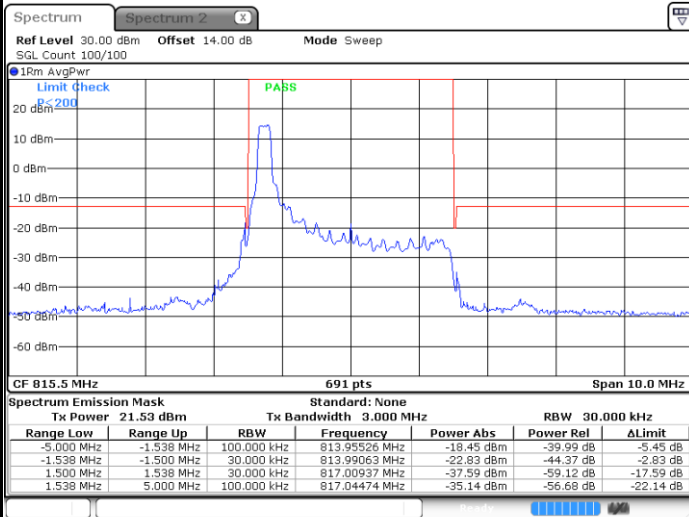
Highest Band Edge / Full RB



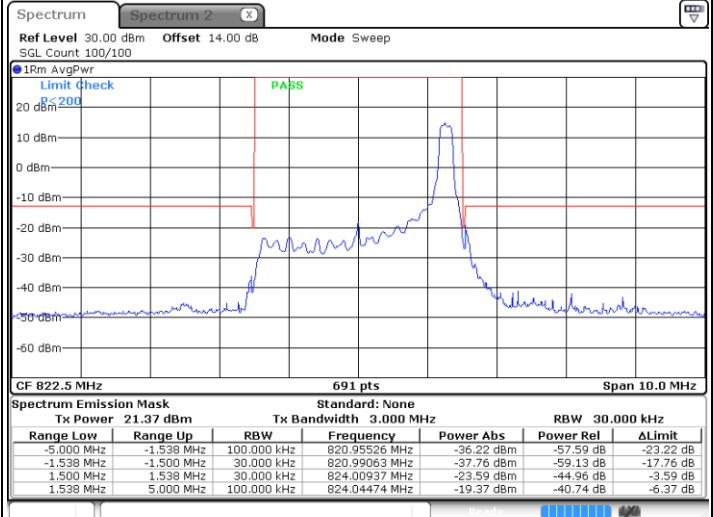


LTE Band 26/ 3MHz / 64QAM

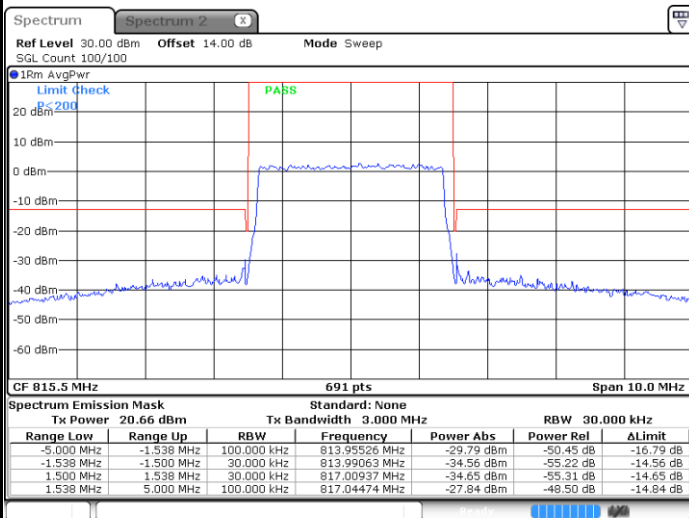
Lowest Band Edge / 1RB



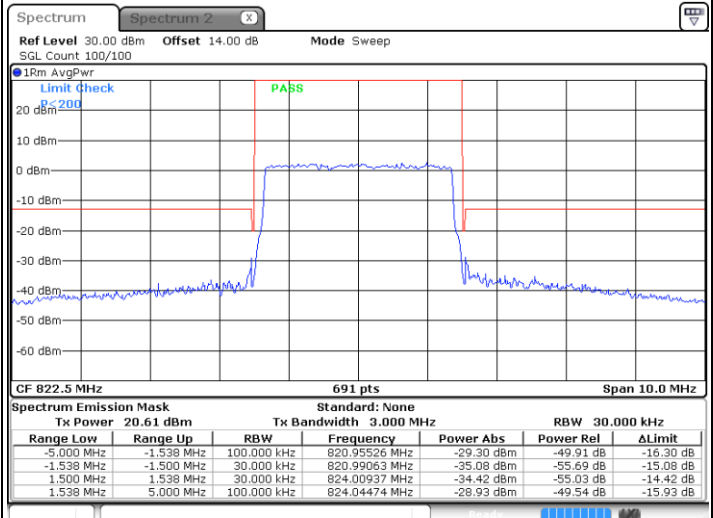
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



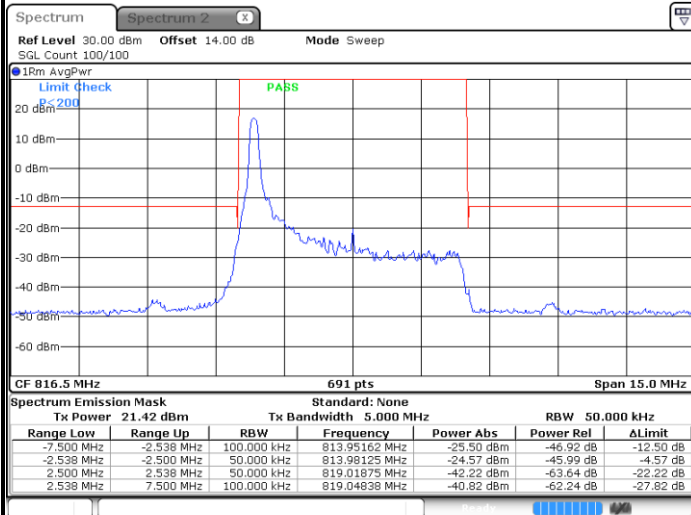
Highest Band Edge / Full RB



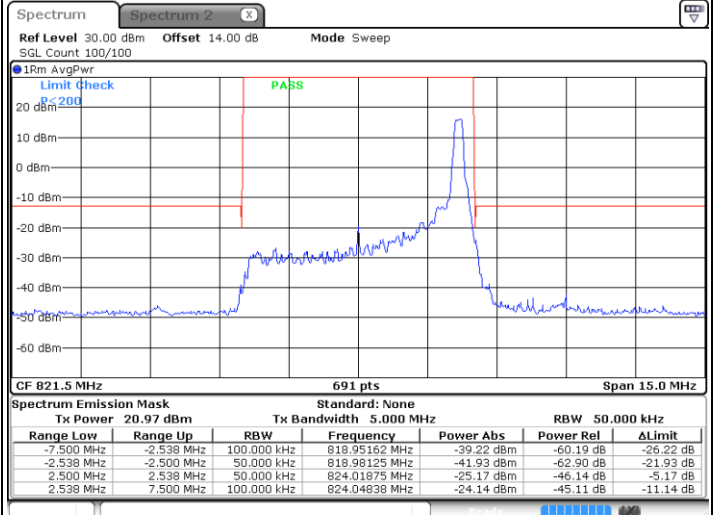


LTE Band 26/ 5MHz / 64QAM

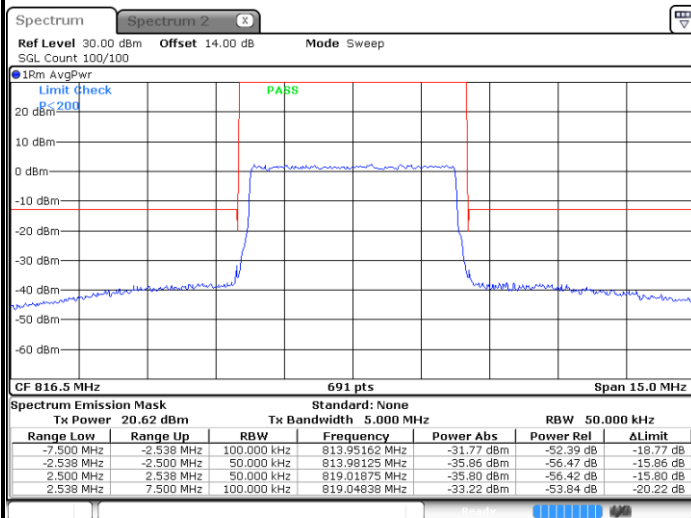
Lowest Band Edge / 1RB



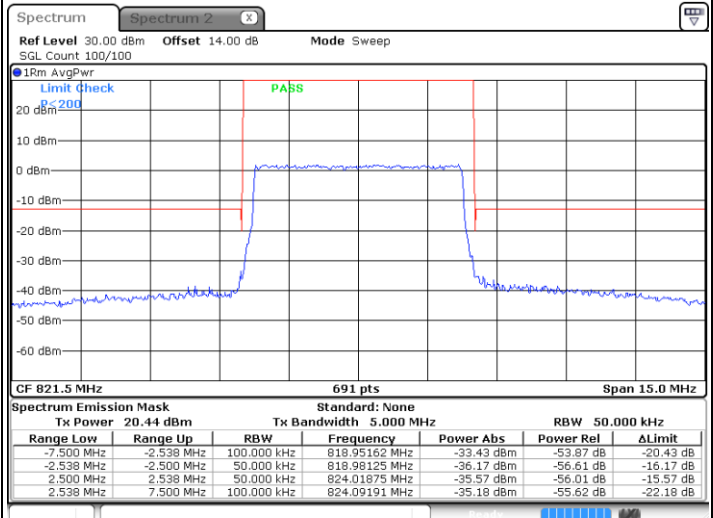
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



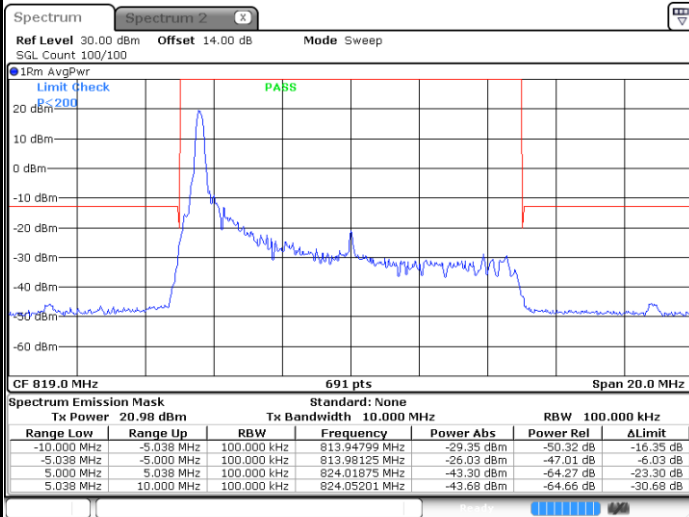
Highest Band Edge / Full RB





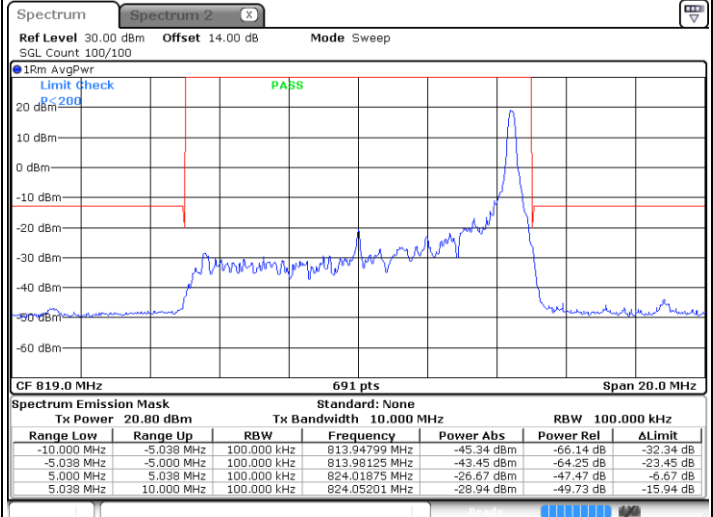
LTE Band 26/ 10MHz / 64QAM

Band Edge / 1RB0



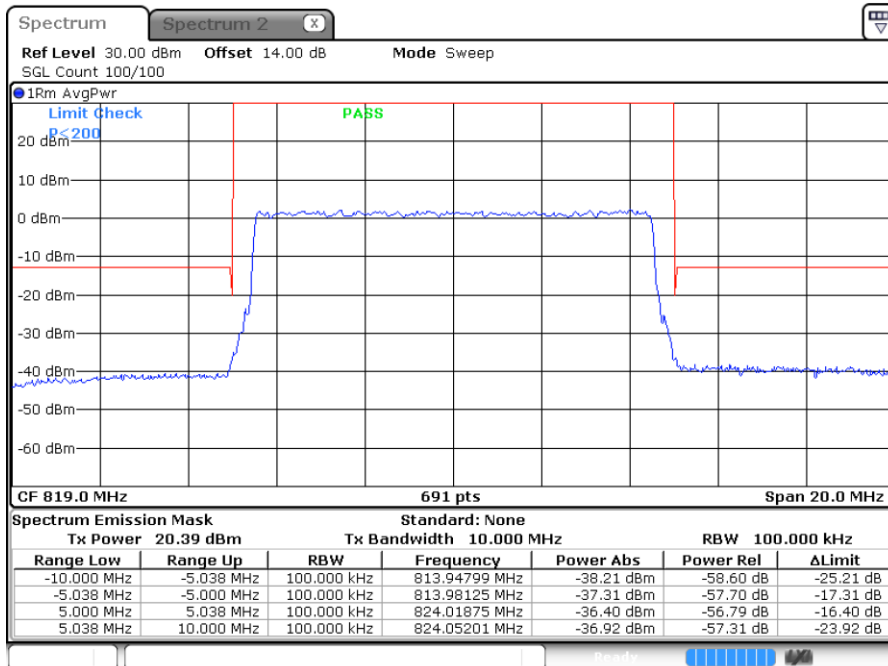
Date: 20 MAY 2019 16:41:21

Band Edge / 1RBmax



Date: 20 MAY 2019 16:42:29

Band Edge / Full RB

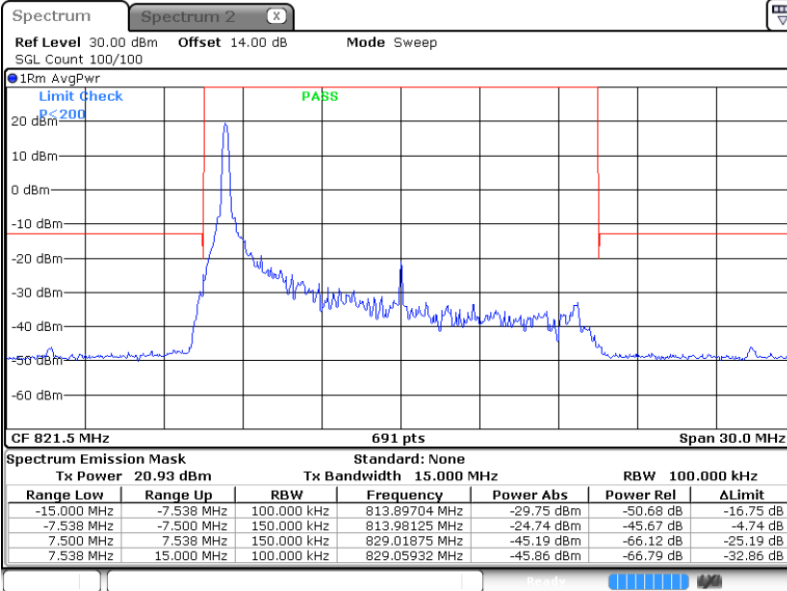


Date: 20 MAY 2019 16:43:38

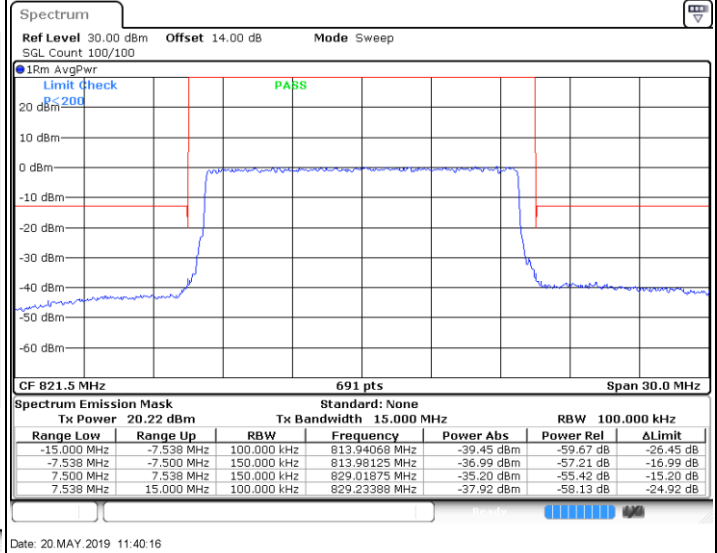


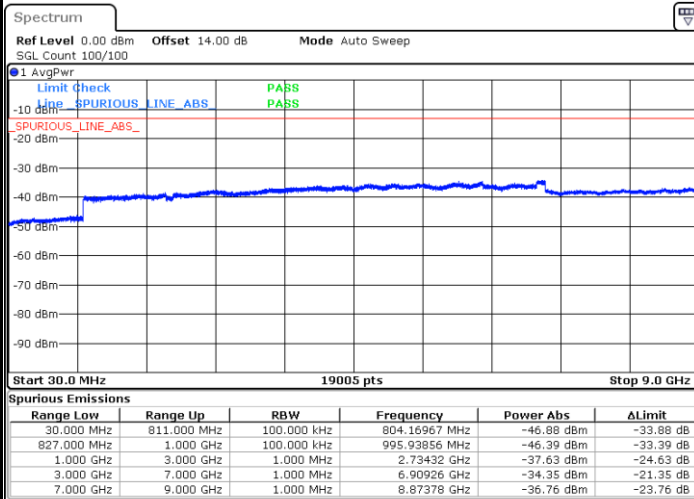
LTE Band 26/ 15MHz / 64QAM

Band Edge / 1RB0

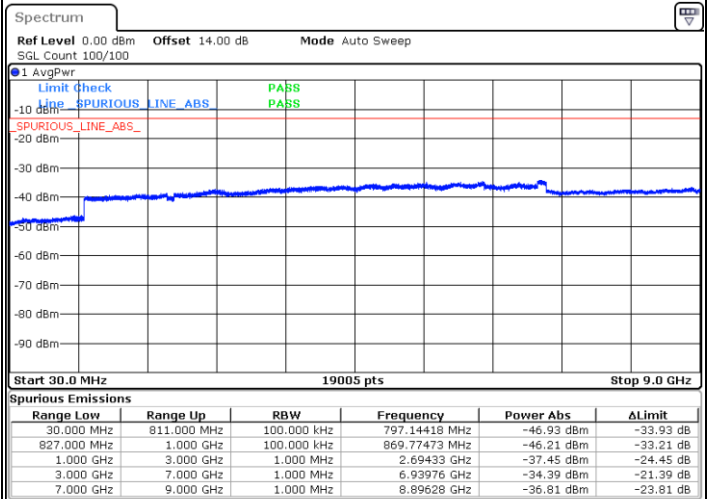


Band Edge / Full RB

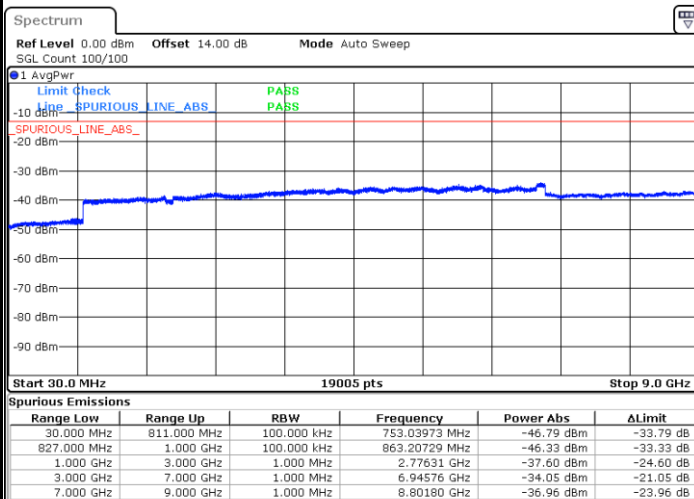


**Conducted Spurious Emission****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

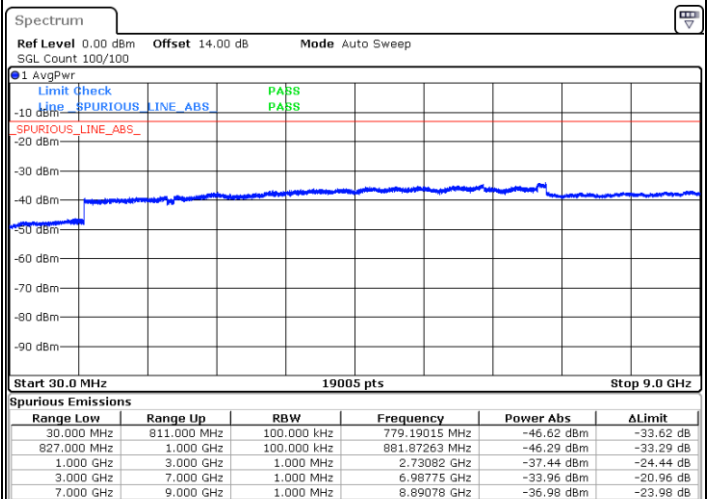
Date: 20 MAY 2019 11:49:43

Lowest Channel / 16QAM

Date: 20 MAY 2019 11:50:39

Middle Channel / QPSK

Date: 20 MAY 2019 11:52:16

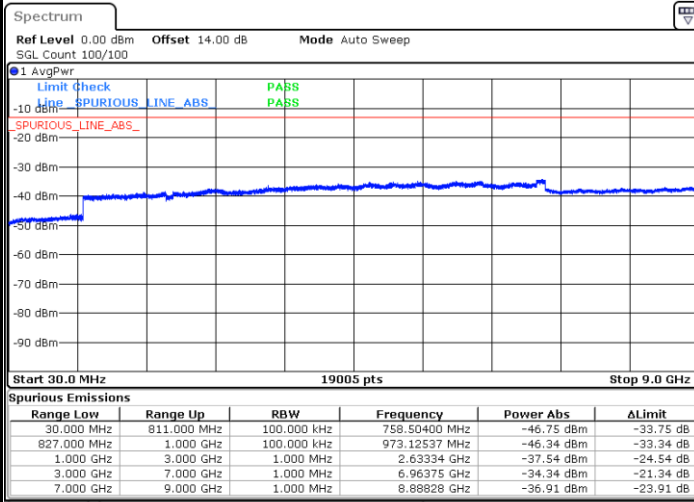
Middle Channel / 16QAM

Date: 20 MAY 2019 11:53:12



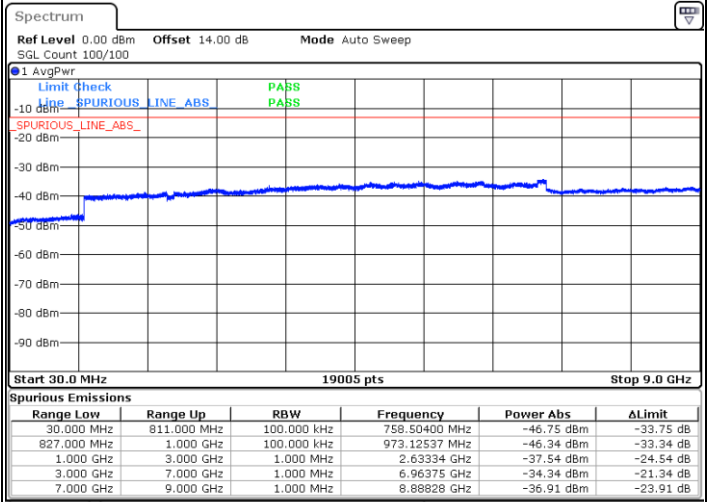
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 20 MAY 2019 11:54:49

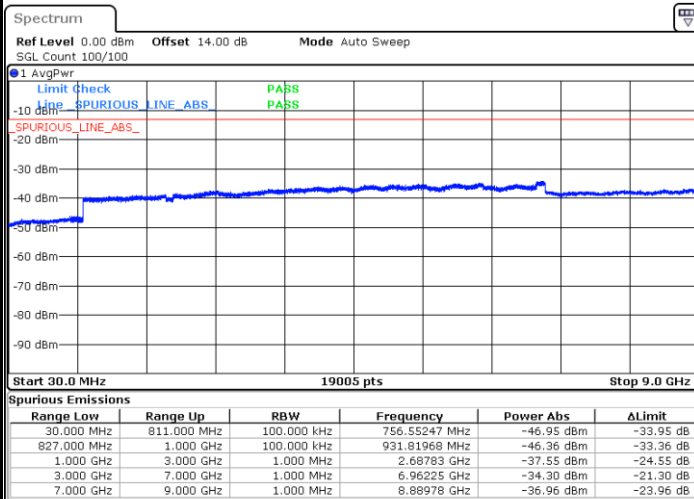
Highest Channel / 16QAM



Date: 20 MAY 2019 11:54:49

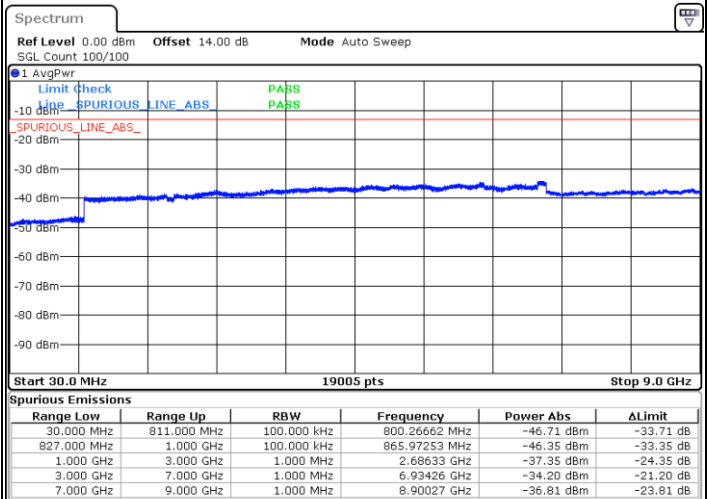
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 20 MAY 2019 11:57:22

Lowest Channel / 16QAM

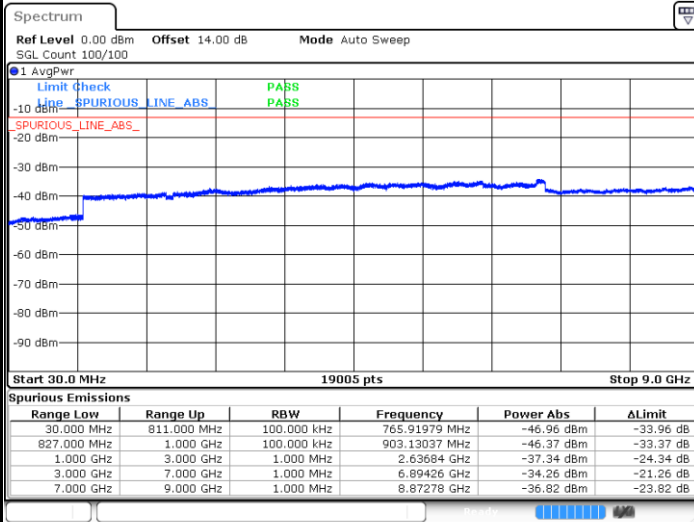


Date: 20 MAY 2019 11:58:18



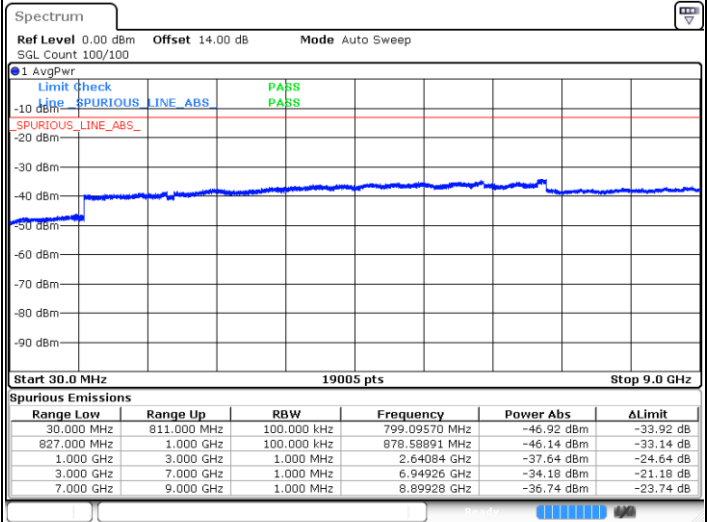
LTE Band 26 / 3MHz

Middle Channel / QPSK



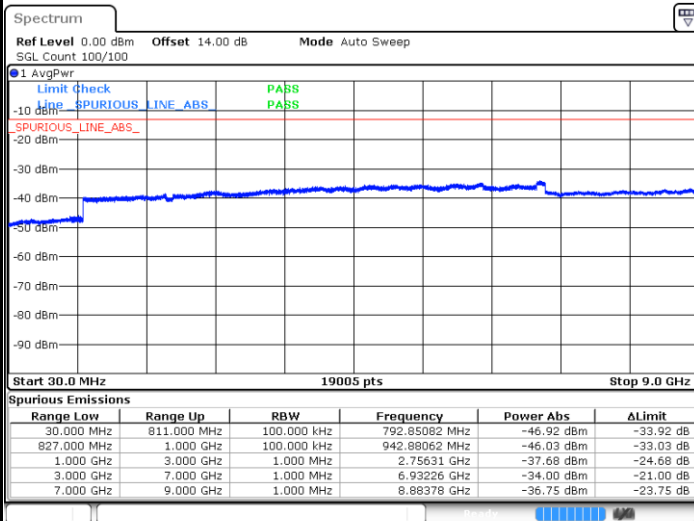
Date: 20 MAY 2019 11:59:54

Middle Channel / 16QAM



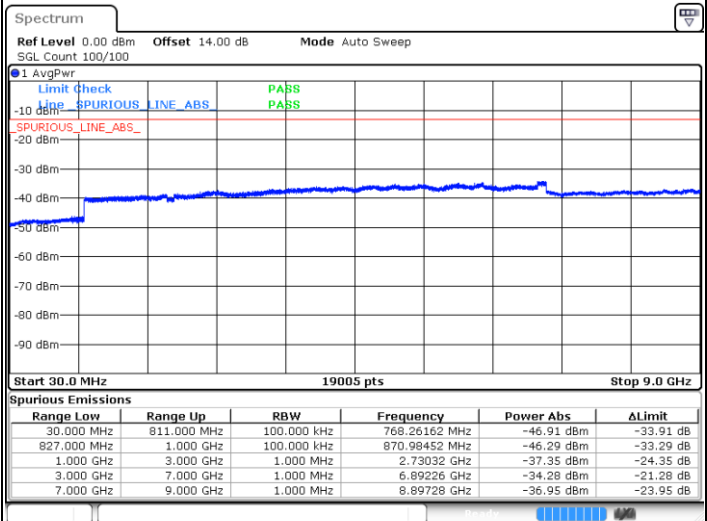
Date: 20 MAY 2019 12:00:50

Highest Channel / QPSK



Date: 20 MAY 2019 12:02:27

Highest Channel / 16QAM

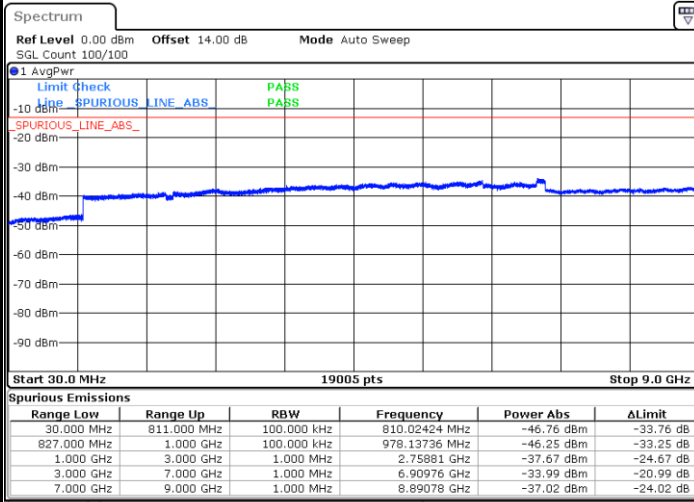


Date: 20 MAY 2019 12:03:23



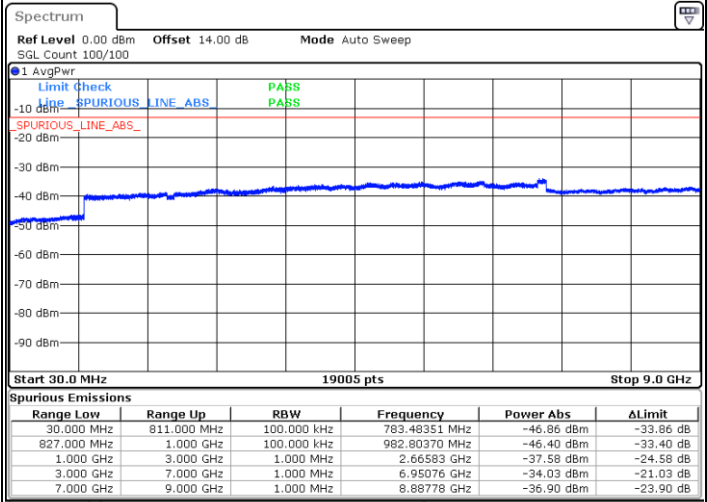
LTE Band 26 / 5MHz

Lowest Channel / QPSK



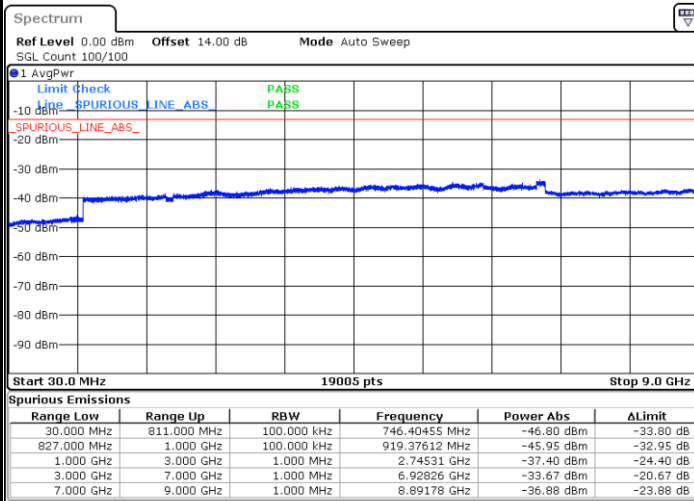
Date: 20 MAY 2019 12:04:59

Lowest Channel / 16QAM



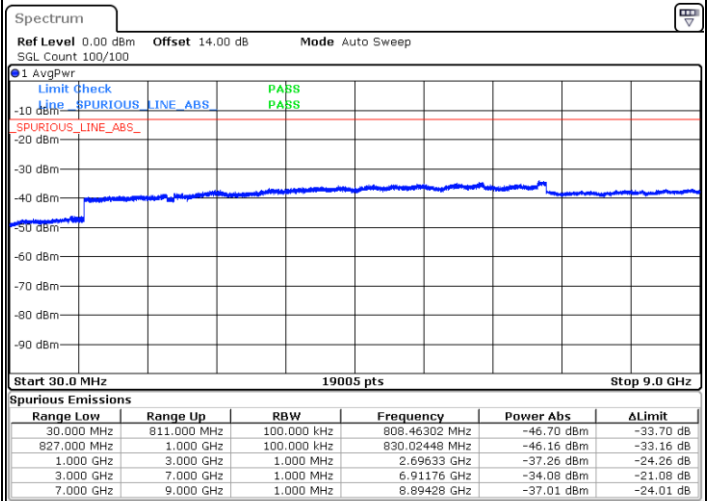
Date: 20 MAY 2019 12:05:54

Middle Channel / QPSK



Date: 20 MAY 2019 12:12:33

Middle Channel / 16QAM

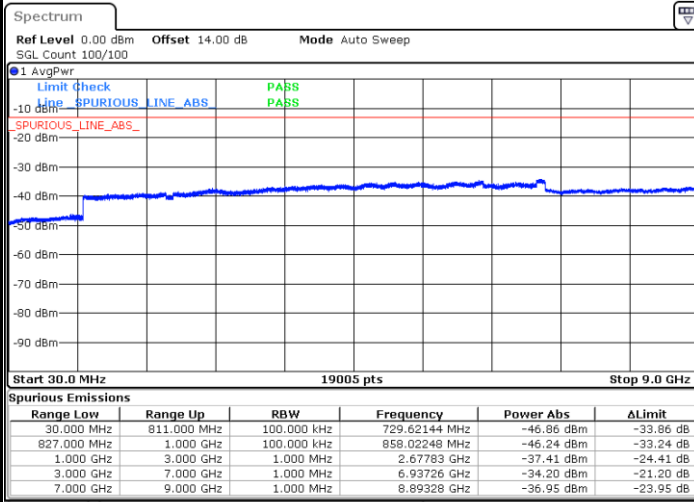


Date: 20 MAY 2019 12:13:28



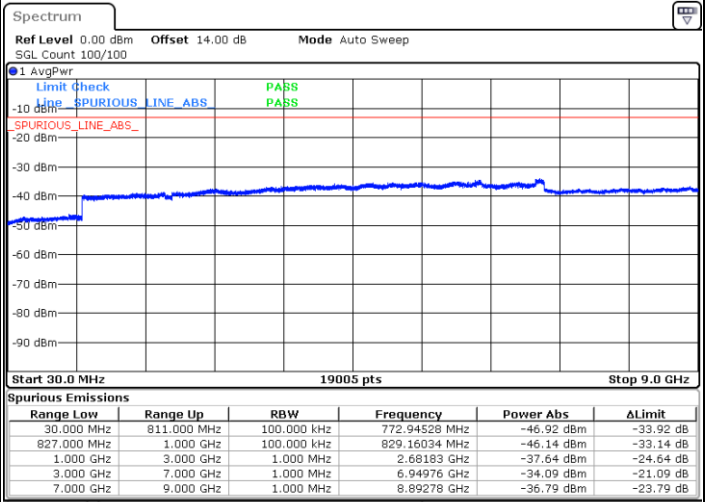
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 20 MAY 2019 12:10:02

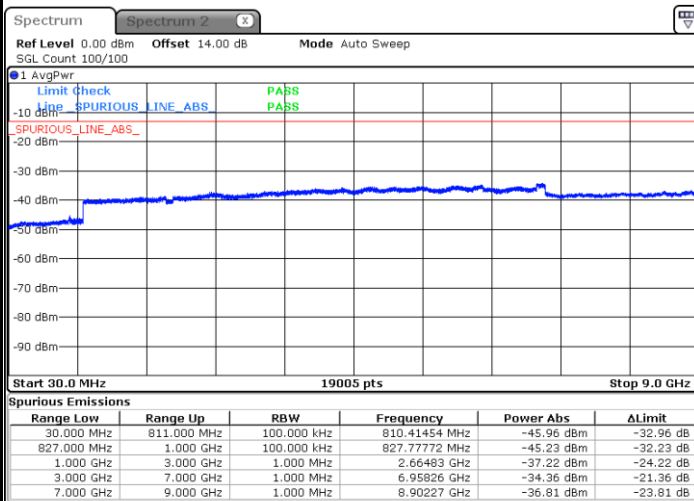
Highest Channel / 16QAM



Date: 20 MAY 2019 12:10:57

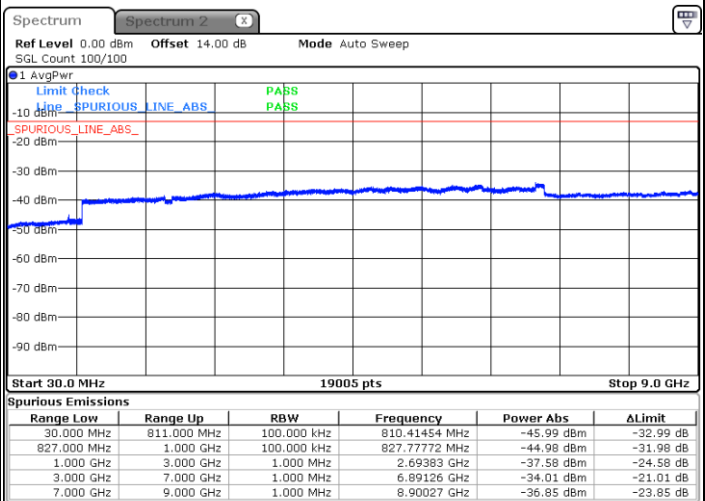
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 20 MAY 2019 17:24:10

Middle Channel / 16QAM

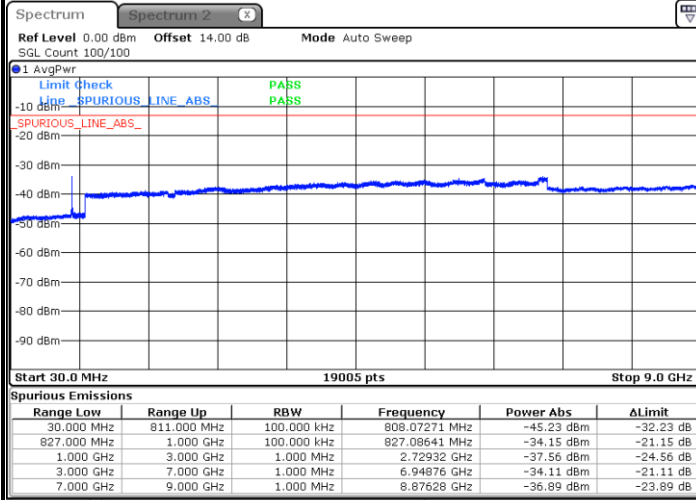


Date: 20 MAY 2019 17:22:44



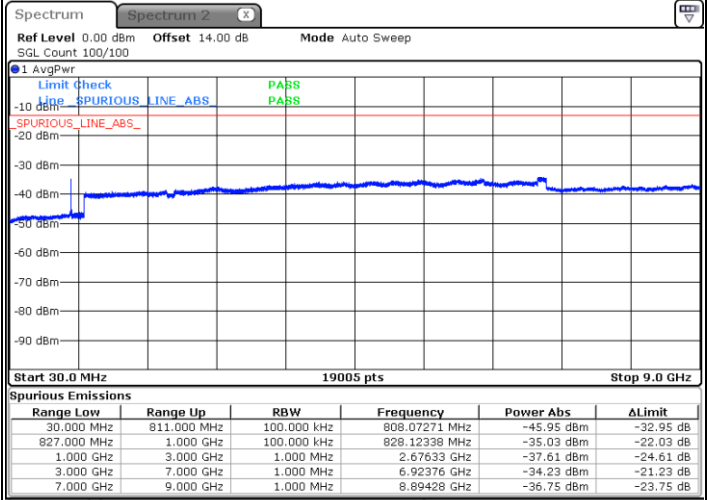
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 20 MAY 2019 16:51:30

Lowest Channel / 16QAM

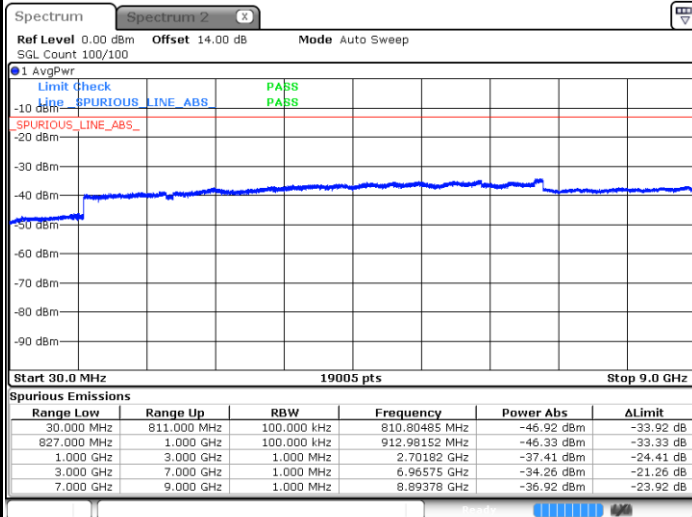


Date: 20 MAY 2019 16:52:23



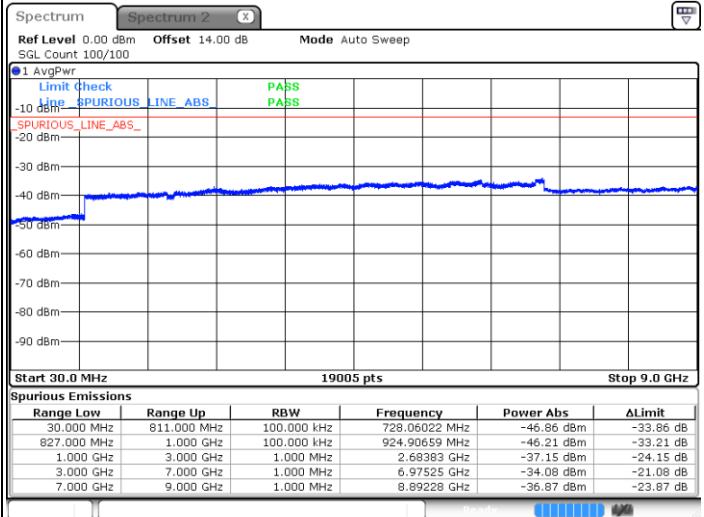
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



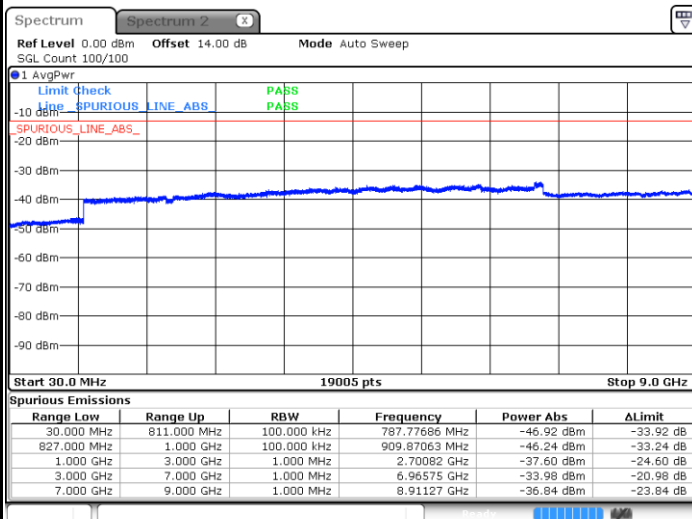
Date: 20 MAY 2019 16:17:34

Middle Channel / 64QAM



Date: 20 MAY 2019 16:18:48

Highest Channel / 64QAM

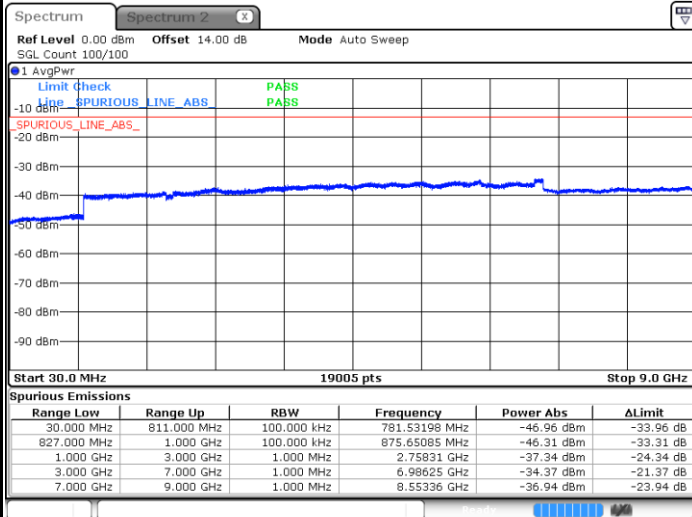


Date: 20 MAY 2019 16:22:20



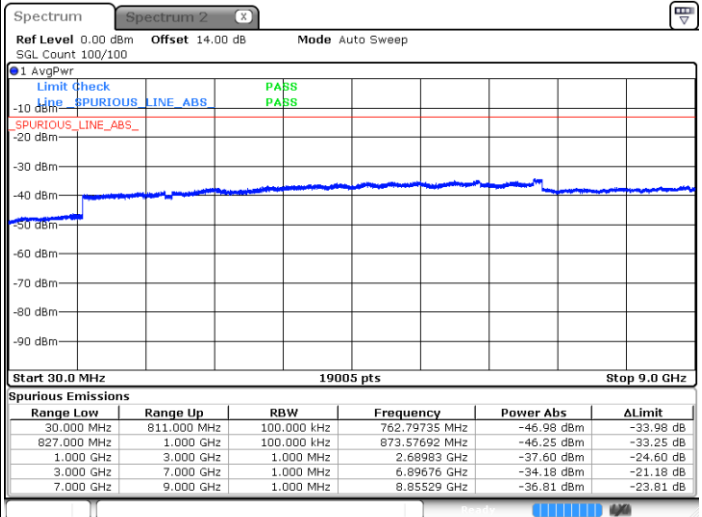
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



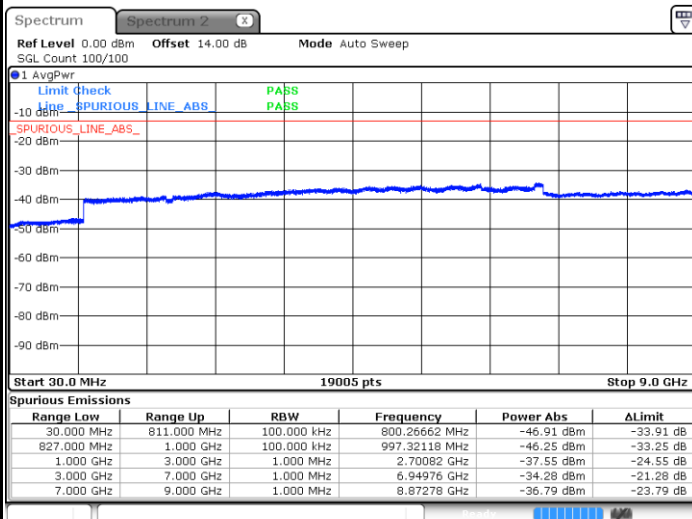
Date: 20 MAY 2019 16:25:53

Middle Channel / 64QAM



Date: 20 MAY 2019 16:27:07

Highest Channel / 64QAM

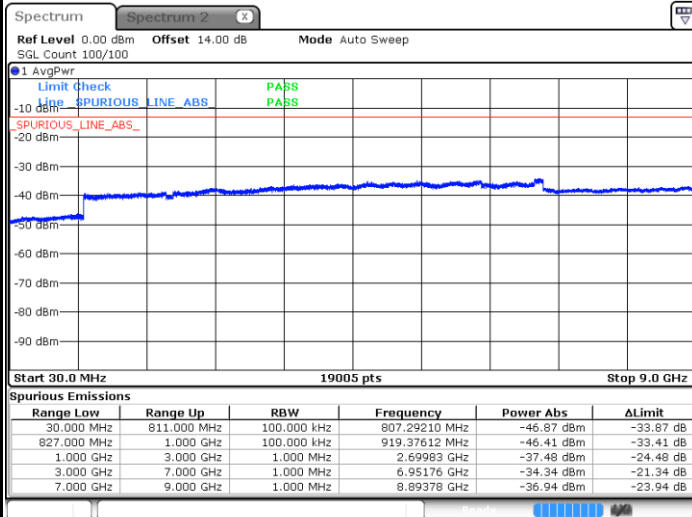


Date: 20 MAY 2019 16:30:40



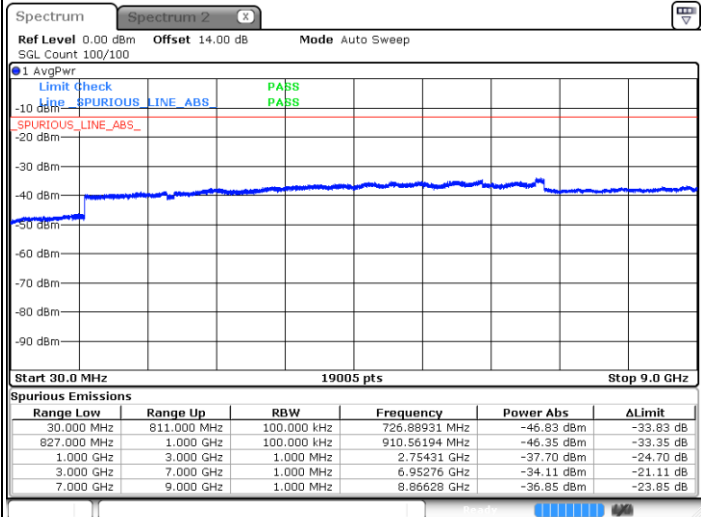
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



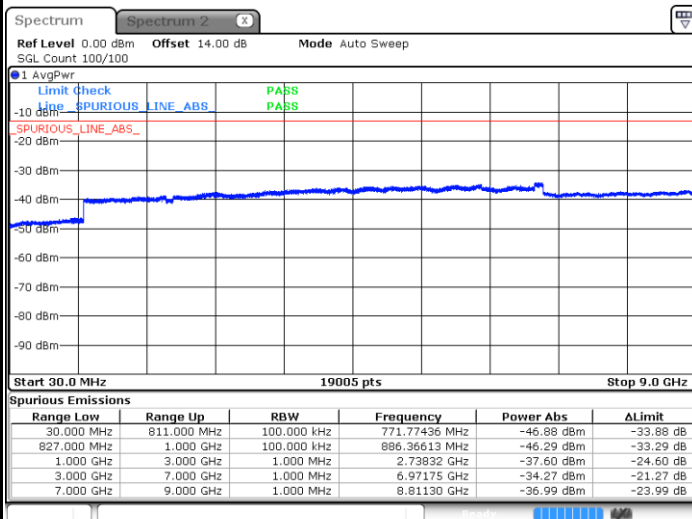
Date: 20 MAY 2019 16:34:11

Middle Channel / 64QAM



Date: 20 MAY 2019 16:35:26

Highest Channel / 64QAM

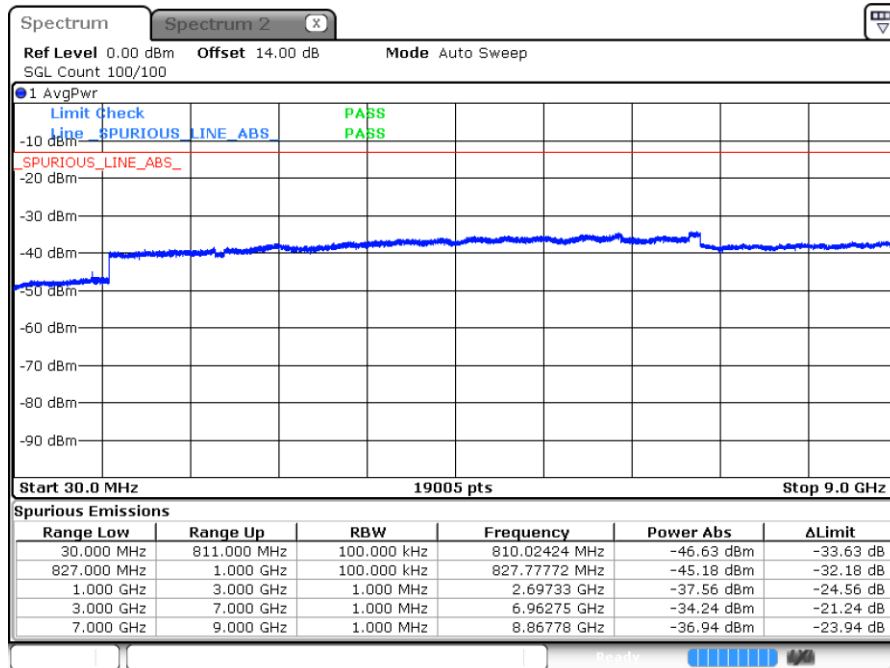


Date: 20 MAY 2019 16:38:58



LTE Band 26 / 10MHz

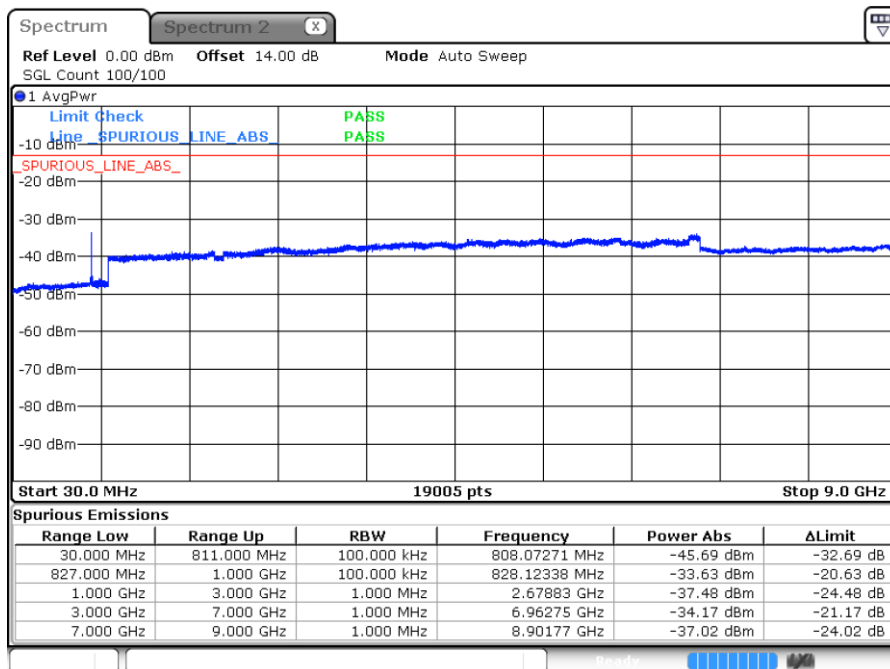
Middle Channel / 64QAM



Date: 20.MAY.2019.16:40:12

LTE Band 26 / 15MHz

Lowest Channel / 64QAM



Date: 20.MAY.2019.16:46:22

**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	0.0011	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

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

Top Antenna:

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)
Middle	1636.74	-67.30	-13	-54.30	-77.99	-70.55	4.00	9.40	H
	2455.11	-60.73	-13	-47.73	-78.93	-64.30	4.88	10.60	H
	3273.48	-59.02	-13	-46.02	-79.23	-63.95	5.52	12.60	H
	1636.74	-66.59	-13	-53.59	-77.88	-69.84	4.00	9.40	V
	2455.11	-60.41	-13	-47.41	-79.00	-63.98	4.88	10.60	V
	3273.48	-58.21	-13	-45.21	-79.51	-63.14	5.52	12.60	V

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

LTE Band 26 / 3 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	1635.3	-66.82	-13	-53.82	-78.01	-70.07	4.00	9.40	H
	2452.95	-60.73	-13	-47.73	-78.91	-64.30	4.88	10.60	H
	3270.6	-59.47	-13	-46.47	-79.61	-64.40	5.52	12.60	H
	1635.3	-66.51	-13	-53.51	-77.83	-69.76	4.00	9.40	V
	2452.95	-60.34	-13	-47.34	-78.91	-63.91	4.88	10.60	V
	3270.6	-58.40	-13	-45.40	-79.98	-63.33	5.52	12.60	V

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



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	-66.92	-13	-53.92	-77.61	-70.17	4.00	9.40	H
	2450.25	-60.70	-13	-47.70	-78.77	-64.27	4.88	10.60	H
	3267	-59.27	-13	-46.27	-79.39	-64.20	5.52	12.60	H
	1633.5	-66.30	-13	-53.30	-77.59	-69.55	4.00	9.40	V
	2450.25	-59.73	-13	-46.73	-78.24	-63.30	4.88	10.60	V
	3267	-57.94	-13	-44.94	-79.33	-62.87	5.52	12.60	V

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

LTE Band 26 / 10 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	1629	-66.95	-13	-53.95	-77.64	-70.20	4.00	9.40	H
	2443.5	-60.37	-13	-47.37	-78.44	-63.94	4.88	10.60	H
	3258	-58.97	-13	-45.97	-79.09	-63.90	5.52	12.60	H
	1629	-66.15	-13	-53.15	-77.44	-69.40	4.00	9.40	V
	2443.5	-60.00	-13	-47.00	-78.51	-63.57	4.88	10.60	V
	3258	-57.83	-13	-44.83	-79.22	-62.76	5.52	12.60	V

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



Bottom Antenna:

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)
Middle	1636.74	-66.31	-13	-53.31	-77.00	-69.56	4.00	9.40	H
	2455.11	-59.56	-13	-46.56	-77.76	-63.13	4.88	10.60	H
	3273.48	-58.06	-13	-45.06	-78.27	-62.99	5.52	12.60	H
	1636.74	-65.63	-13	-52.63	-76.92	-68.88	4.00	9.40	V
	2455.11	-59.12	-13	-46.12	-77.71	-62.69	4.88	10.60	V
	3273.48	-57.06	-13	-44.06	-78.36	-61.99	5.52	12.60	V

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

LTE Band 26 / 3 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	1635.3	-65.81	-13	-52.81	-76.50	-69.06	4.00	9.40	H
	2452.95	-59.56	-13	-46.56	-77.63	-63.13	4.88	10.60	H
	3270.6	-58.15	-13	-45.15	-78.36	-63.08	5.52	12.60	H
	1635.3	-65.66	-13	-52.66	-76.95	-68.91	4.00	9.40	V
	2452.95	-59.40	-13	-46.40	-77.91	-62.97	4.88	10.60	V
	3270.6	-56.81	-13	-43.81	-78.11	-61.74	5.52	12.60	V

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



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	-65.63	-13	-52.63	-76.32	-68.88	4.00	9.40	H
	2450.25	-59.17	-13	-46.17	-77.24	-62.74	4.88	10.60	H
	3267	-57.63	-13	-44.63	-77.75	-62.56	5.52	12.60	H
	1633.5	-65.25	-13	-52.25	-76.54	-68.50	4.00	9.40	V
	2450.25	-58.93	-13	-45.93	-77.44	-62.50	4.88	10.60	V
	3267	-56.48	-13	-43.48	-77.87	-61.41	5.52	12.60	V

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

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	1629	-65.22	-13	-52.22	-75.91	-68.47	4.00	9.40	H
	2443.5	-59.05	-13	-46.05	-77.12	-62.62	4.88	10.60	H
	3258	-57.71	-13	-44.71	-77.83	-62.64	5.52	12.60	H
	1629	-64.65	-13	-51.65	-75.94	-67.90	4.00	9.40	V
	2443.5	-58.73	-13	-45.73	-77.24	-62.30	4.88	10.60	V
	3258	-56.49	-13	-43.49	-77.88	-61.42	5.52	12.60	V

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