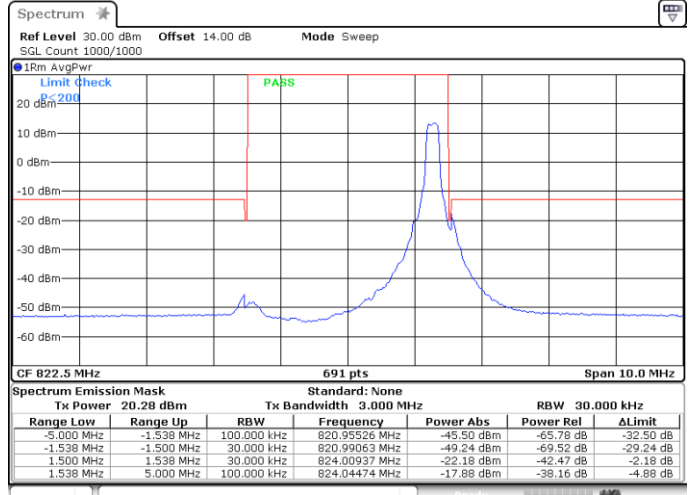
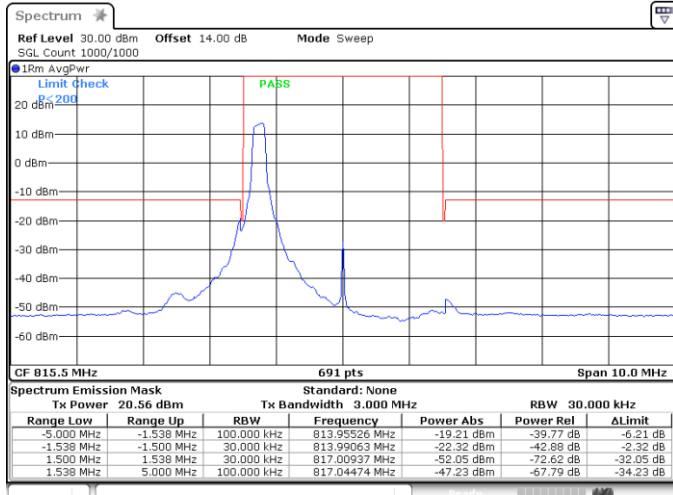




LTE Band 26 / 3MHz / QPSK

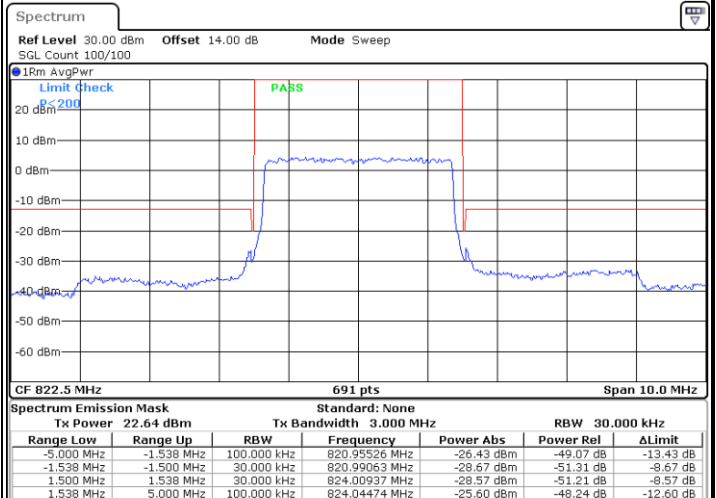
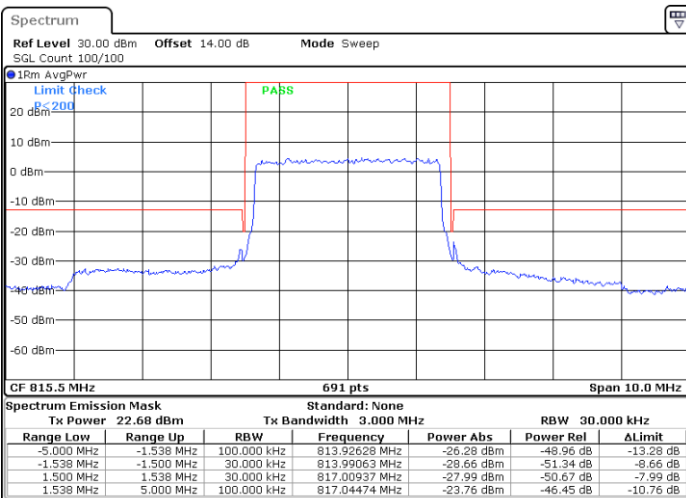
Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

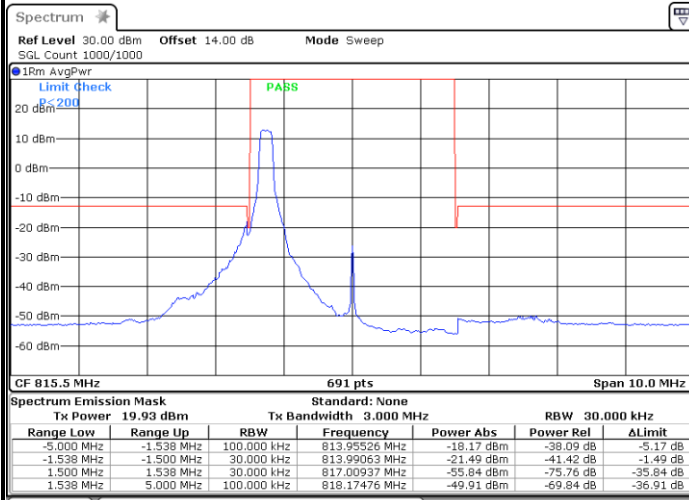
Highest Band Edge / Full RB





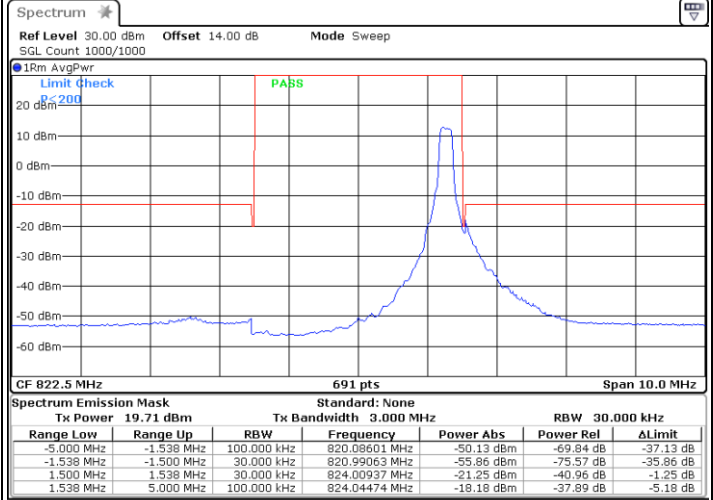
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



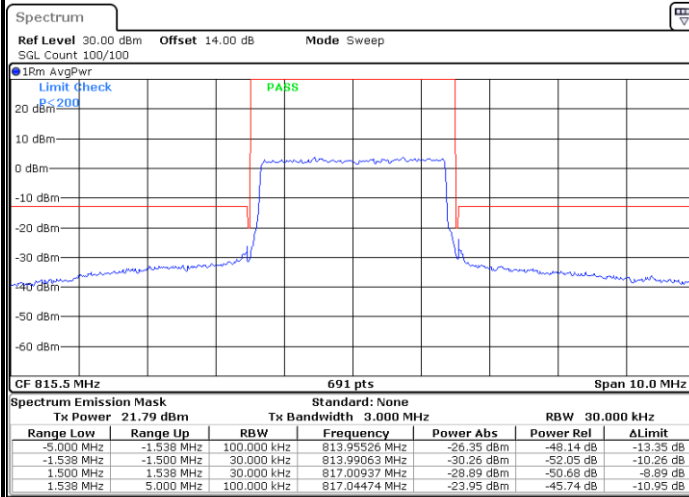
Date: 17.MAY.2019 10:43:30

Highest Band Edge / 1 RB

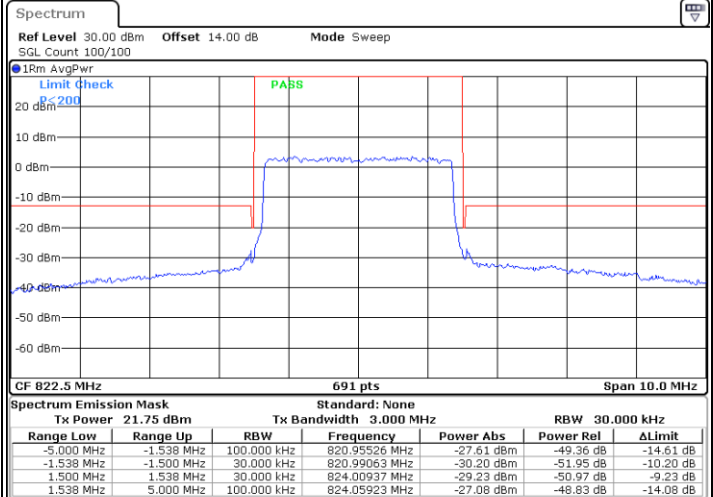


Date: 17.MAY.2019 10:47:53

Lowest Band Edge / Full RB



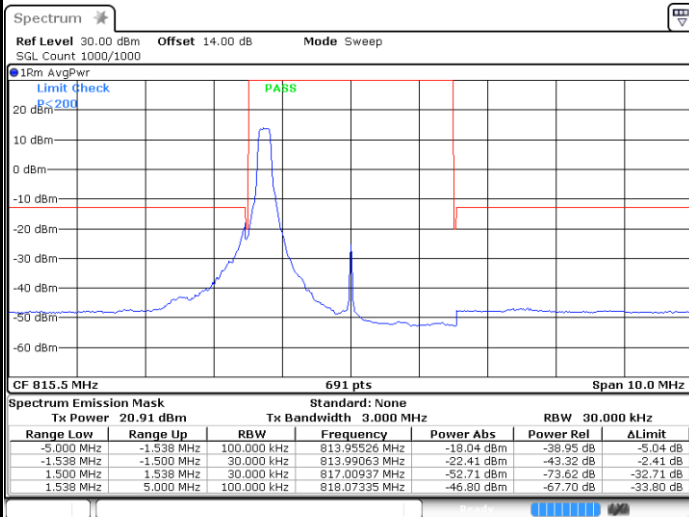
Highest Band Edge / Full RB



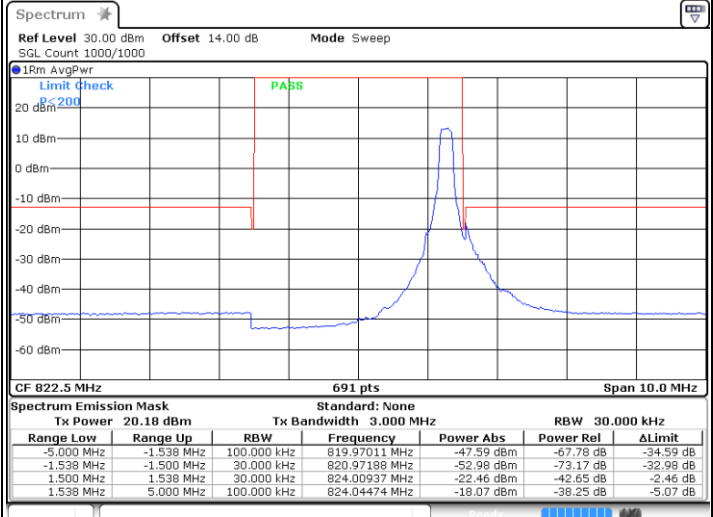


LTE Band 26 / 3MHz / 64QAM

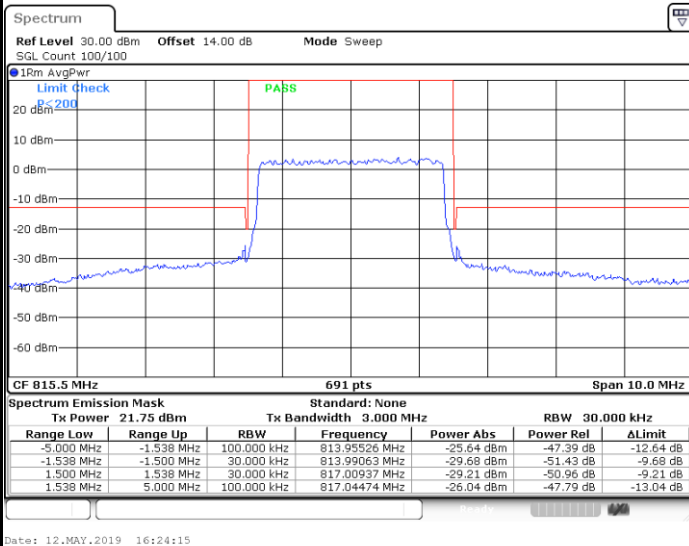
Lowest Band Edge / 1 RB



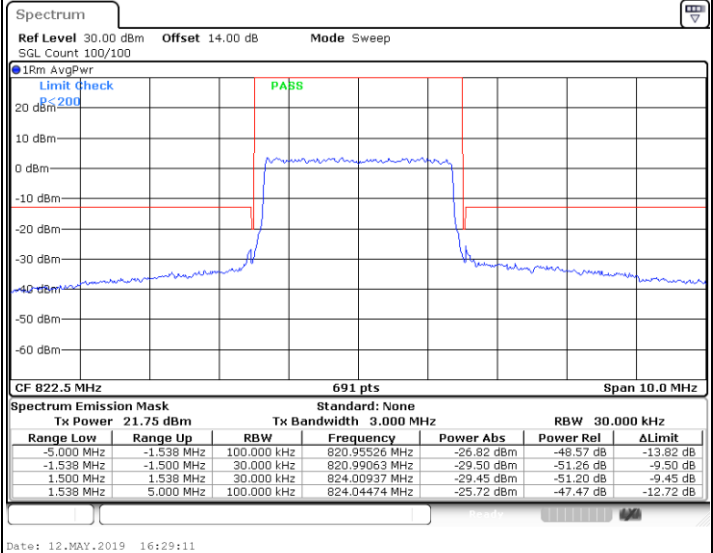
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



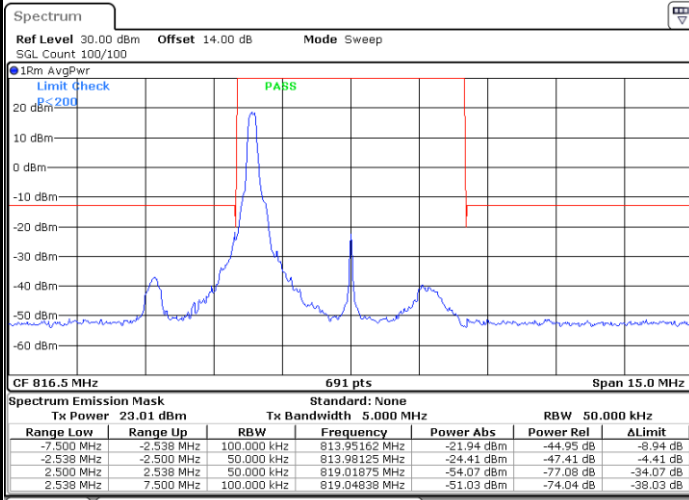
Highest Band Edge / Full RB





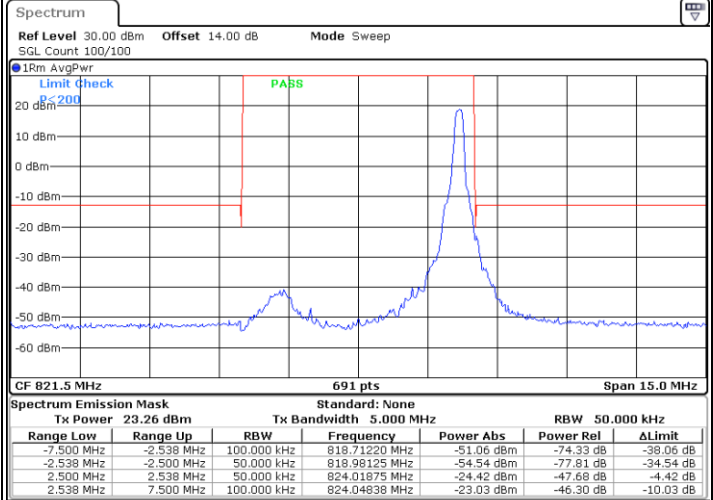
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



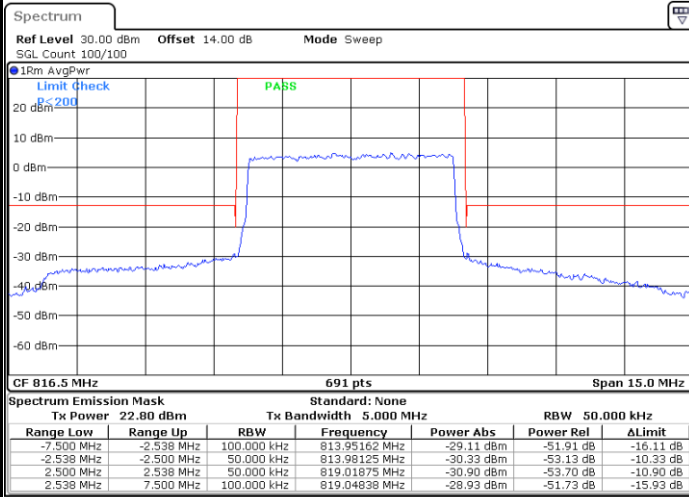
Date: 12.MAY.2019 10:42:09

Highest Band Edge / 1 RB



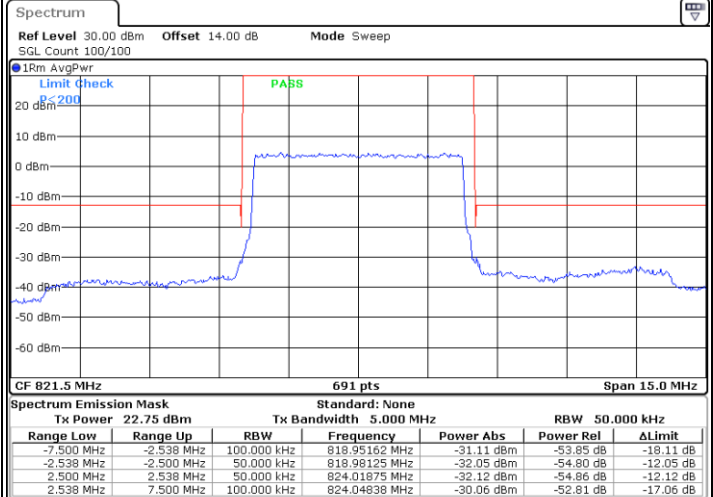
Date: 12.MAY.2019 10:44:16

Lowest Band Edge / Full RB



Date: 12.MAY.2019 10:43:12

Highest Band Edge / Full RB

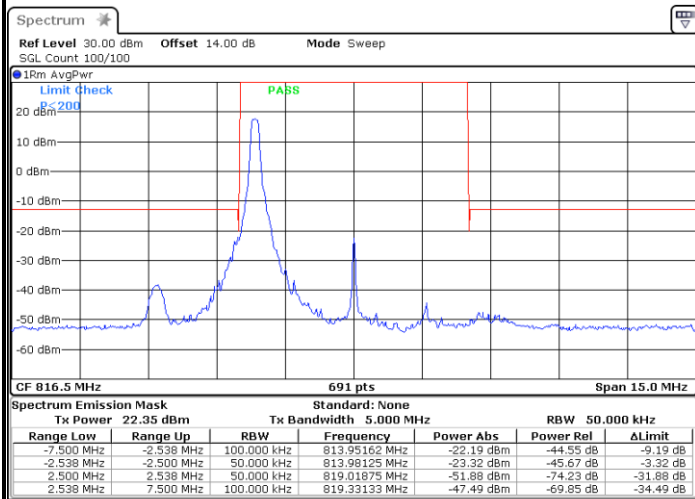


Date: 12.MAY.2019 10:43:29



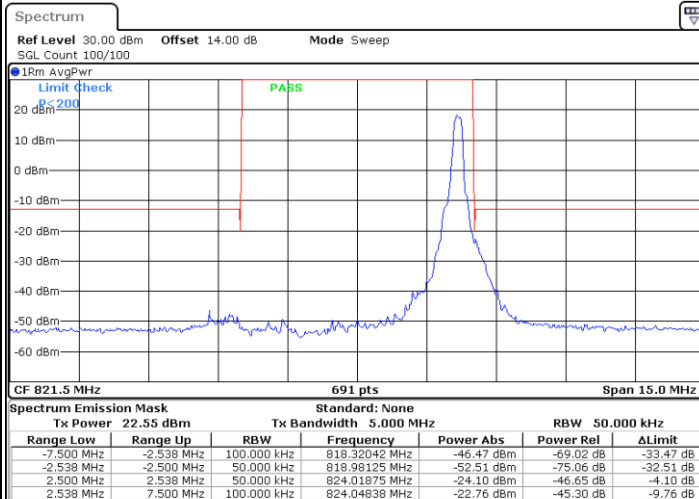
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



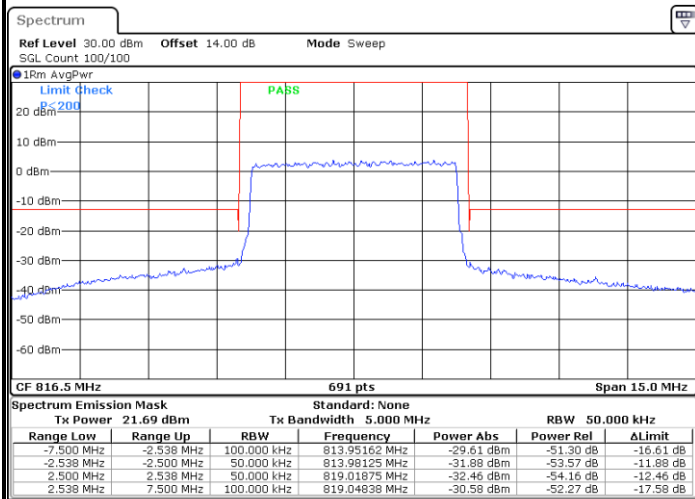
Date: 12.MAY.2019 10:42:41

Highest Band Edge / 1 RB



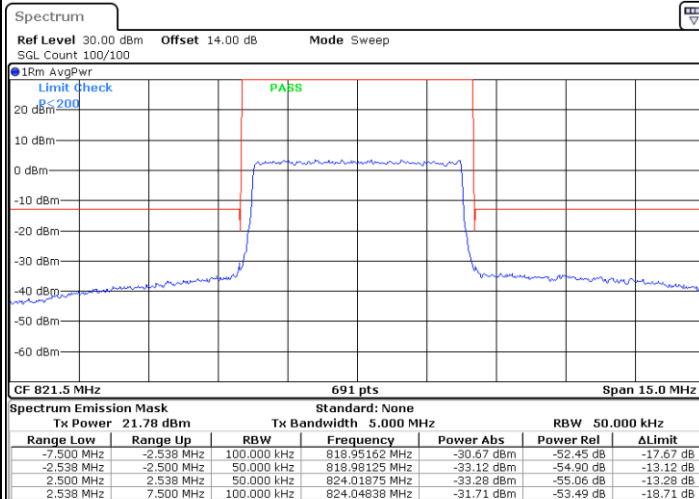
Date: 12.MAY.2019 10:44:01

Lowest Band Edge / Full RB



Date: 12.MAY.2019 10:42:57

Highest Band Edge / Full RB

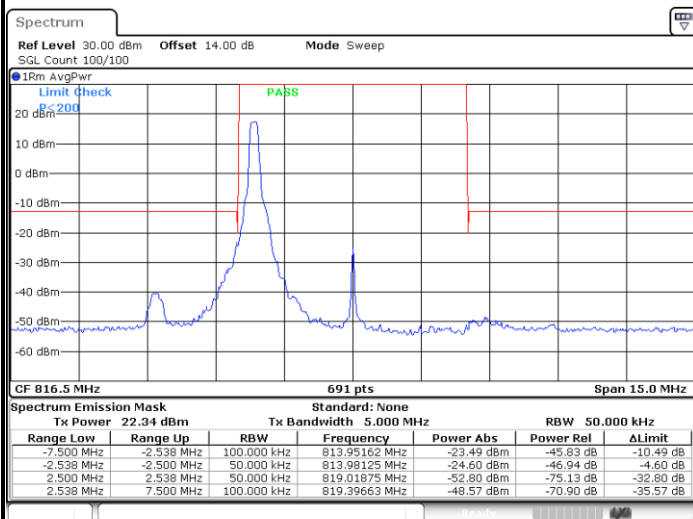


Date: 12.MAY.2019 10:43:45

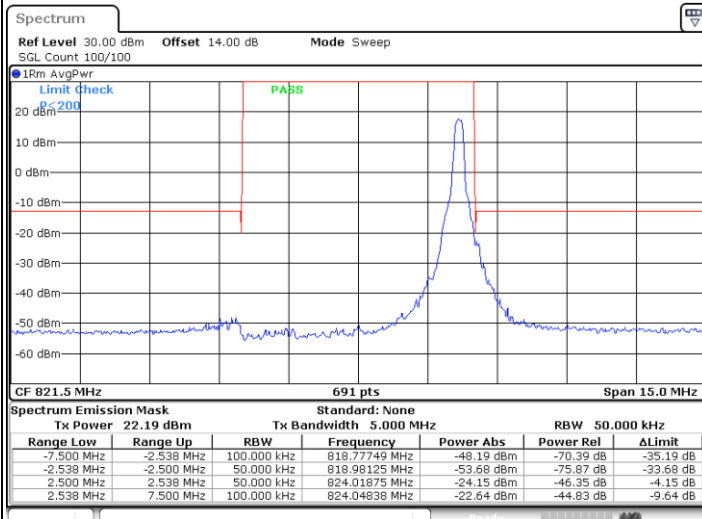


LTE Band 26 / 5MHz / 64QAM

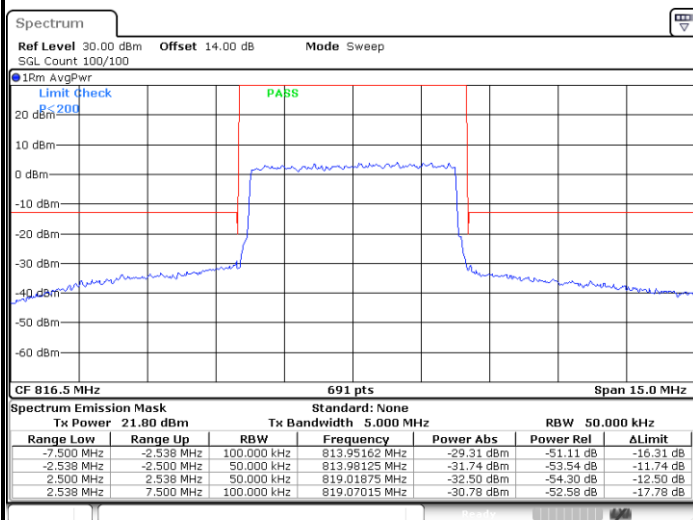
Lowest Band Edge / 1RB



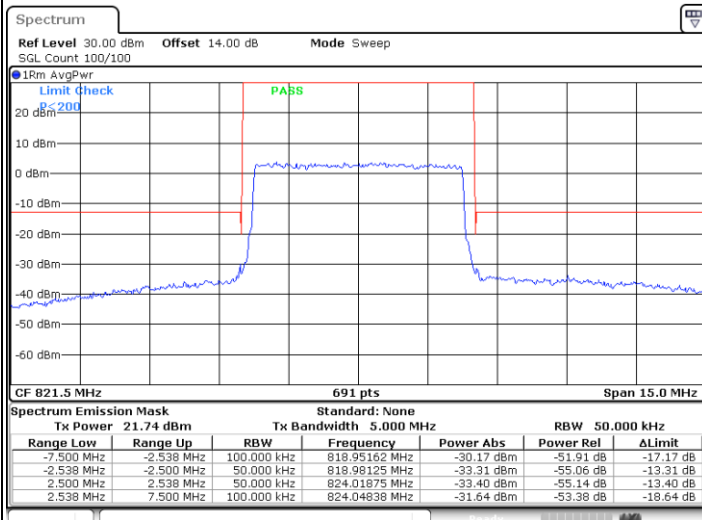
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



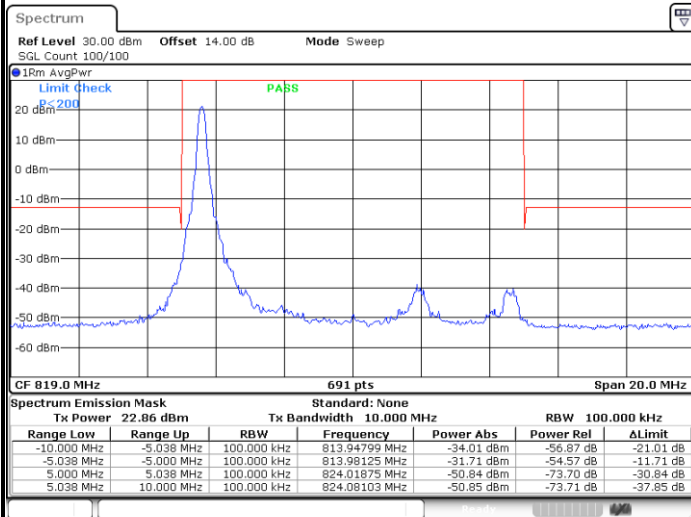
Highest Band Edge / Full RB



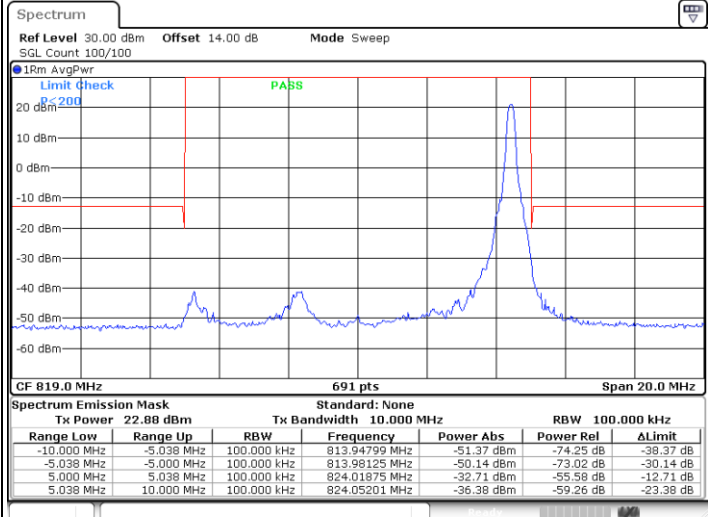


LTE Band 26 / 10MHz / QPSK

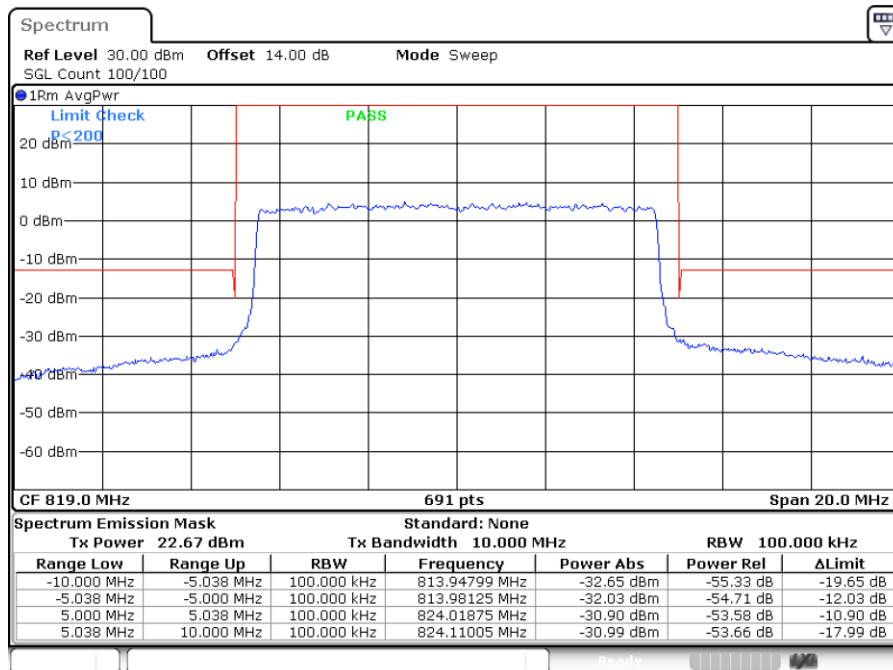
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



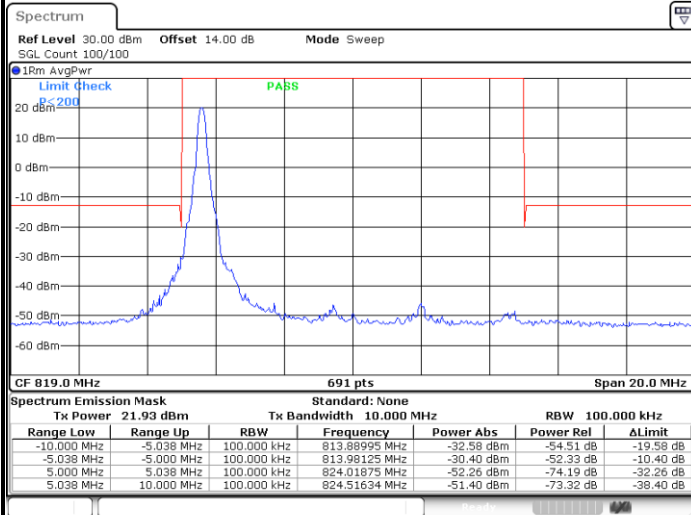
Band Edge / Full RB



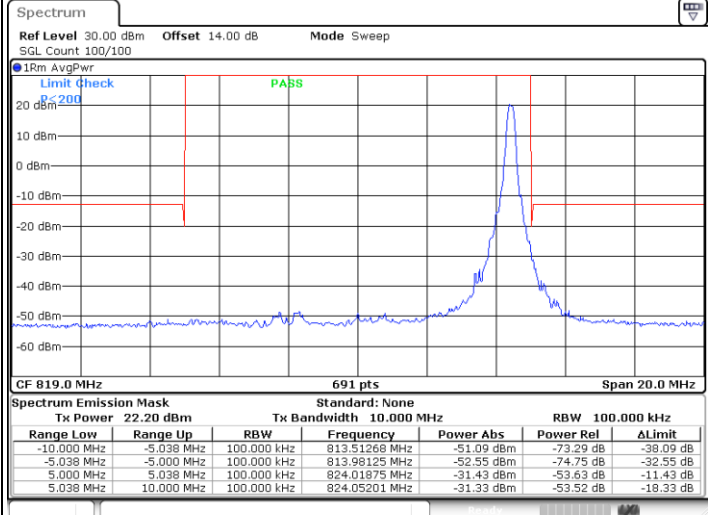


LTE Band 26 / 10MHz / 16QAM

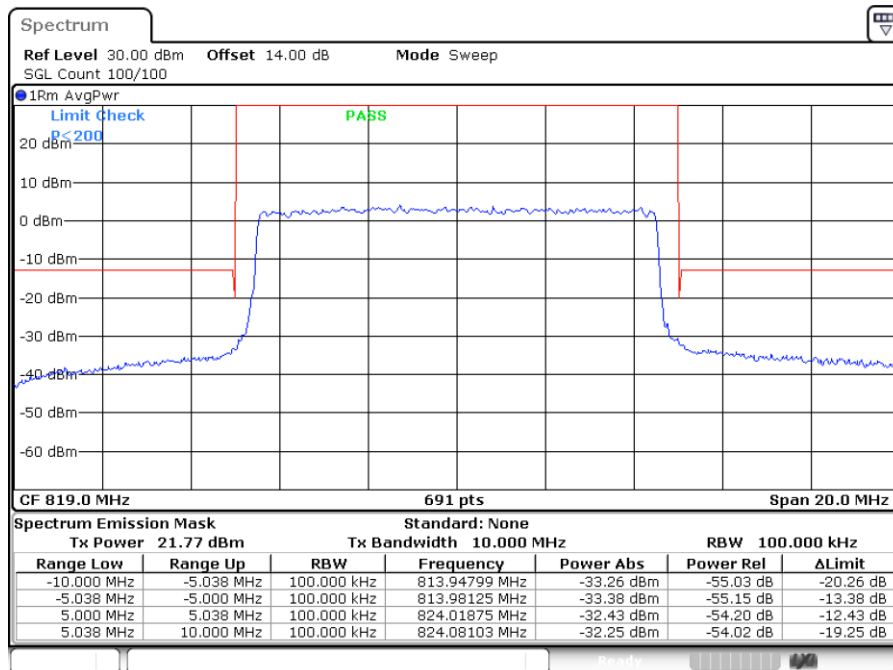
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



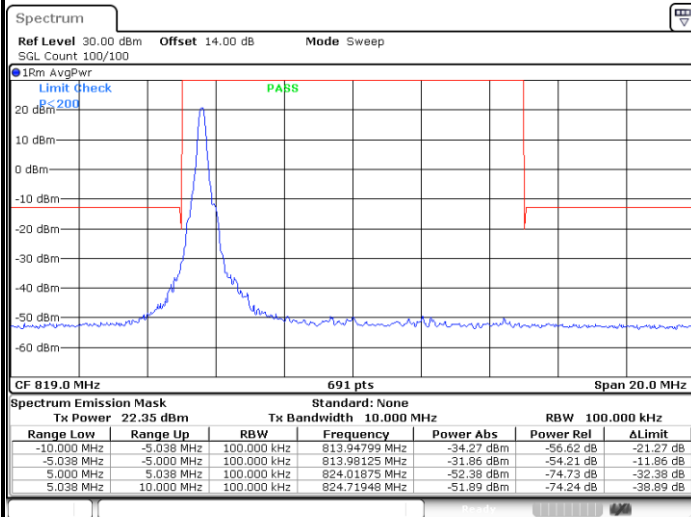
Band Edge / Full RB



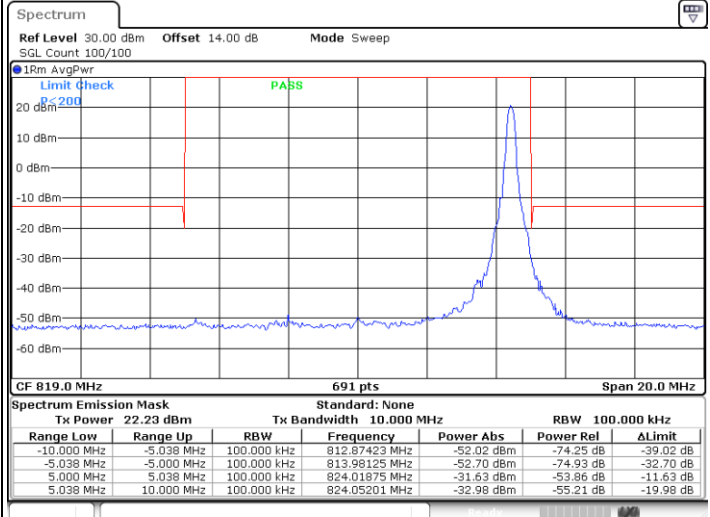


LTE Band 26 / 10MHz / 64QAM

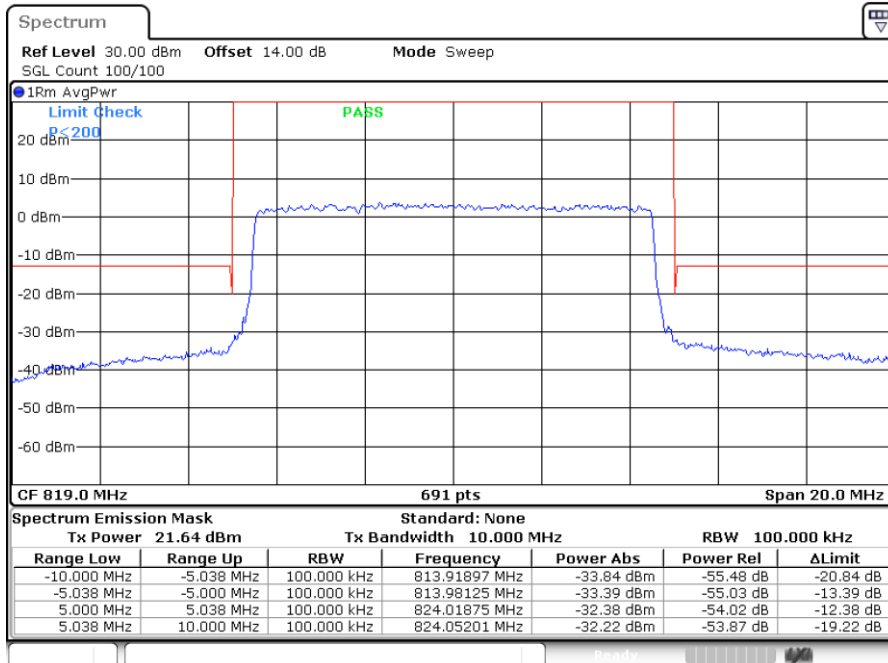
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



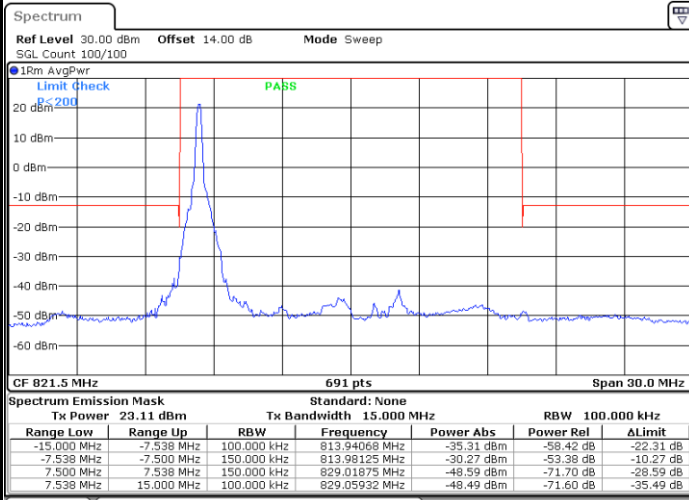
Band Edge / Full RB





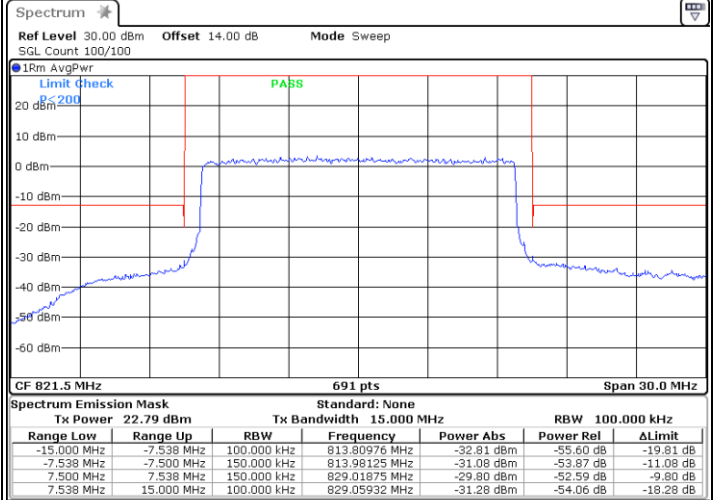
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 12.MAY.2019 10:51:57

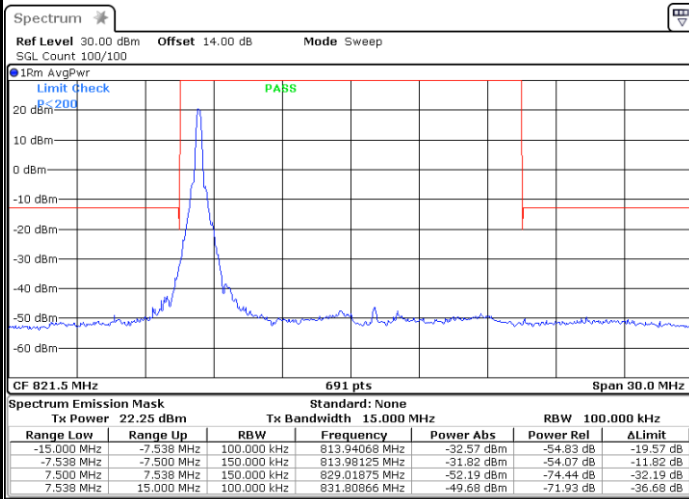
Lowest Band Edge / Full RB



Date: 12.MAY.2019 10:52:19

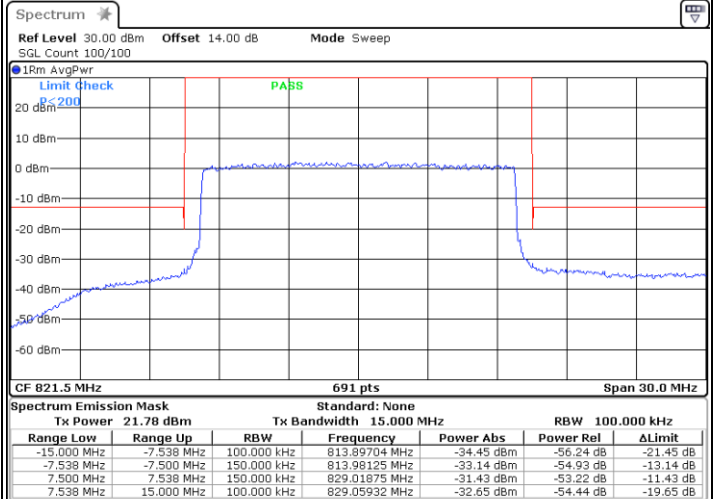
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 12.MAY.2019 10:50:46

Lowest Band Edge / Full RB

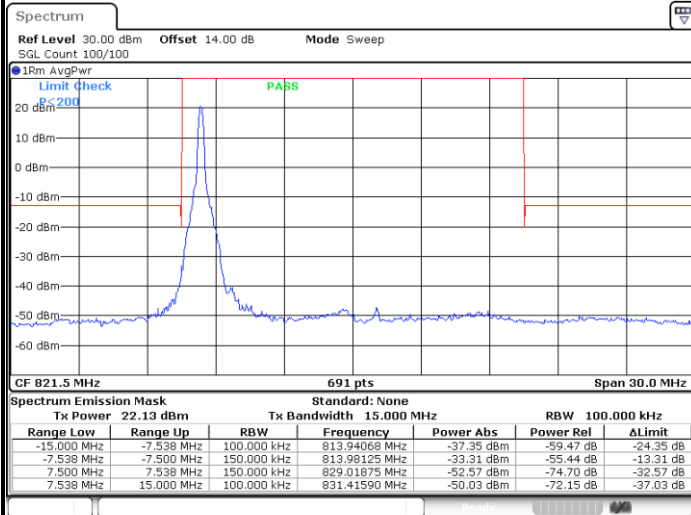


Date: 12.MAY.2019 10:52:47



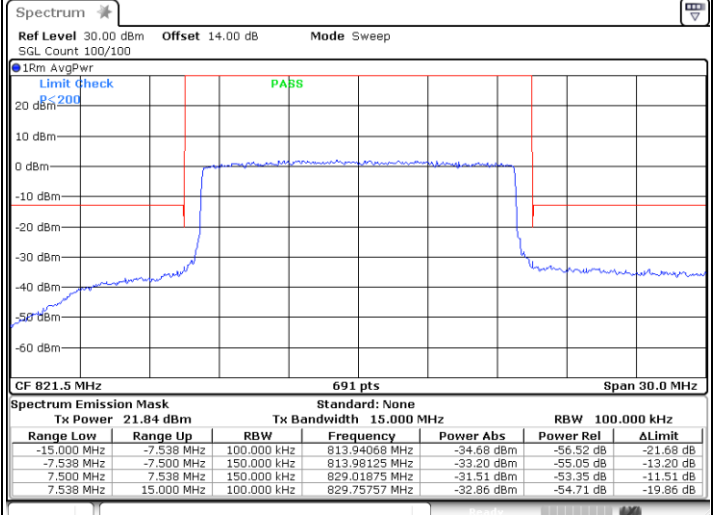
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 12.MAY.2019 10:53:23

Lowest Band Edge / Full RB



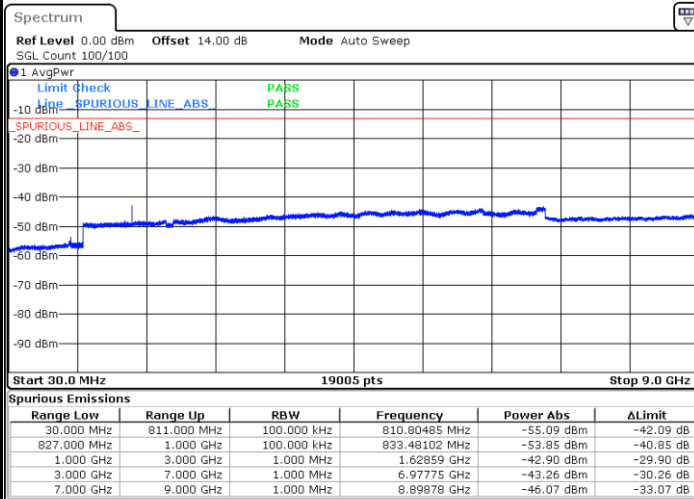
Date: 12.MAY.2019 10:53:07



Conducted Spurious Emission

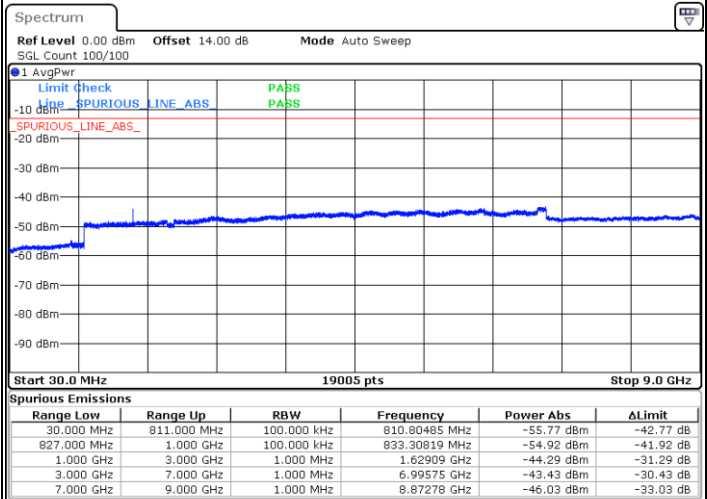
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



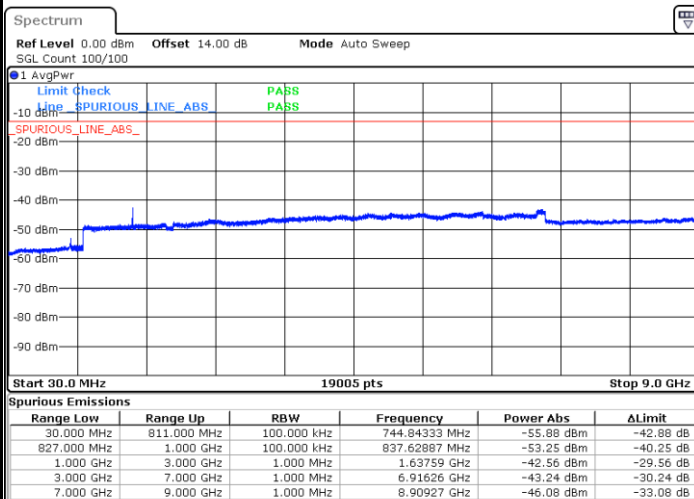
Date: 22 MAY 2019 10:47:01

Lowest Channel / 16QAM



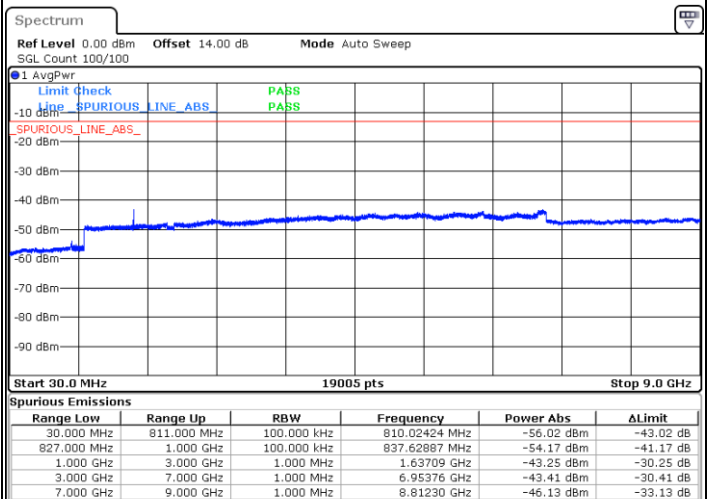
Date: 22 MAY 2019 10:47:56

Middle Channel / QPSK



Date: 22 MAY 2019 10:49:31

Middle Channel / 16QAM

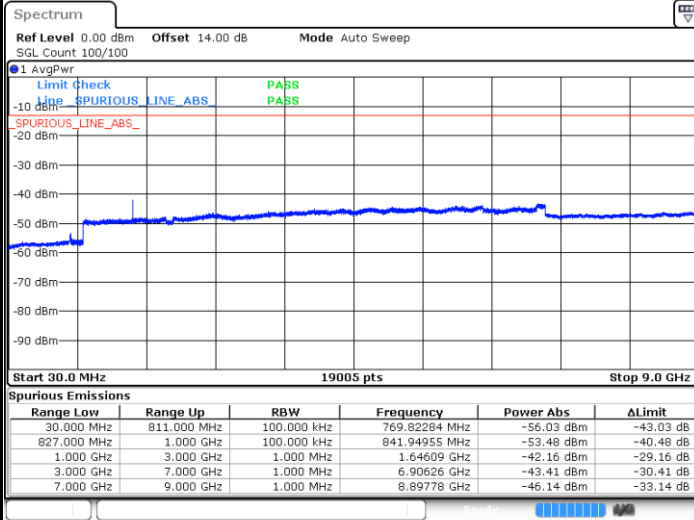


Date: 22 MAY 2019 10:50:24



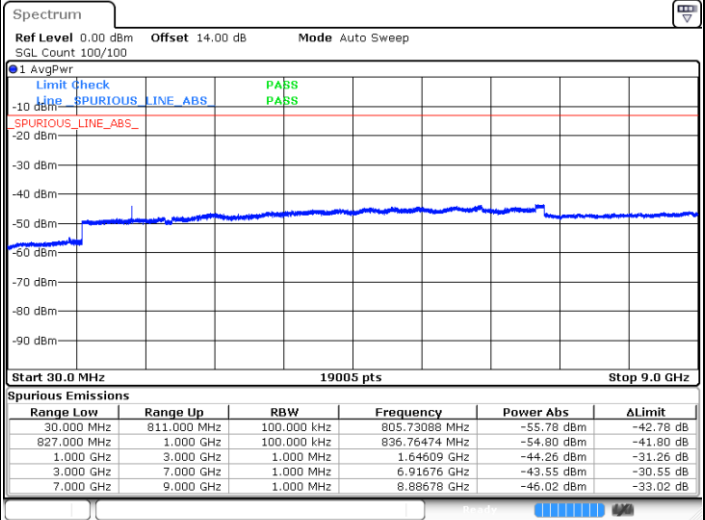
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 22 MAY 2019 10:51:59

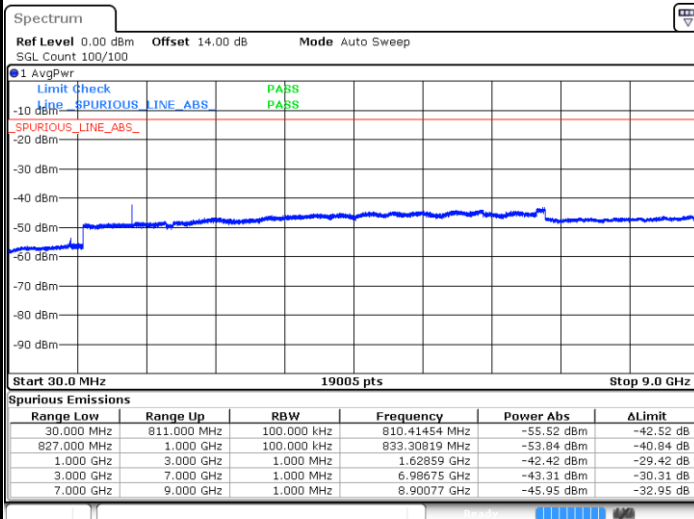
Highest Channel / 16QAM



Date: 22 MAY 2019 10:52:53

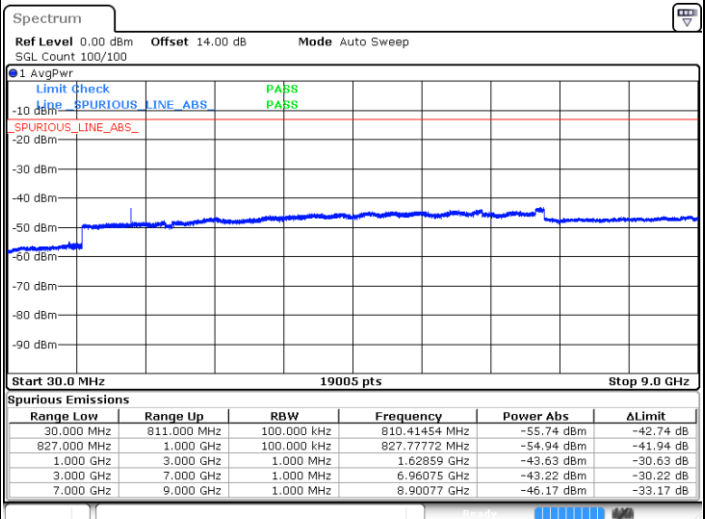
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 22 MAY 2019 10:54:28

Lowest Channel / 16QAM

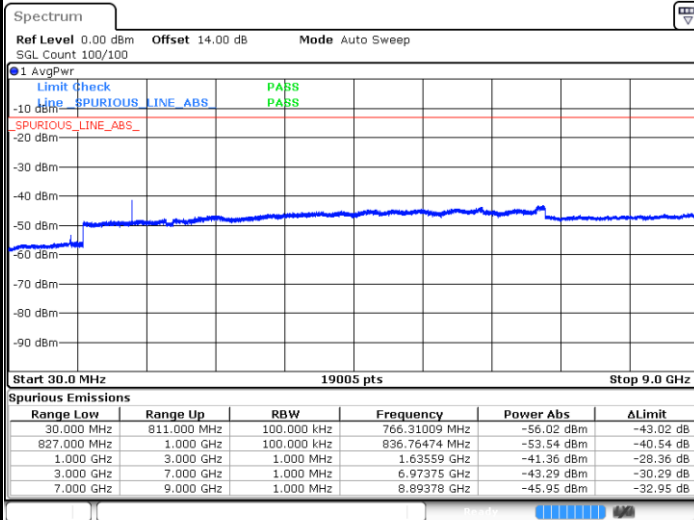


Date: 22 MAY 2019 10:55:22



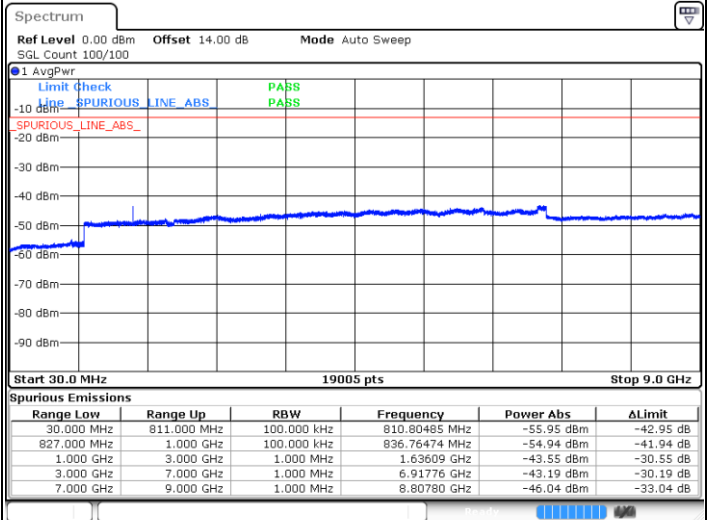
LTE Band 26 / 3MHz

Middle Channel / QPSK



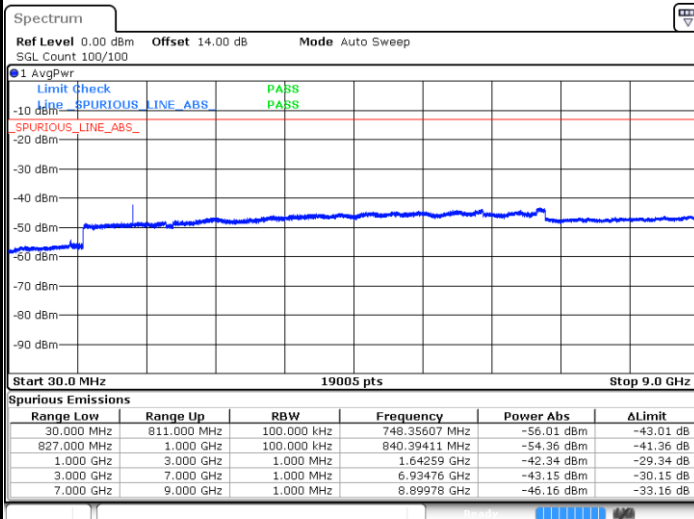
Date: 22 MAY 2019 10:56:57

Middle Channel / 16QAM



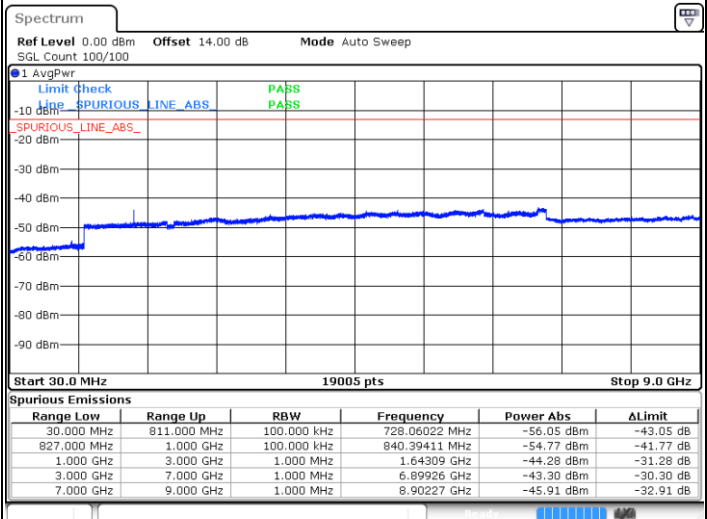
Date: 22 MAY 2019 10:57:51

Highest Channel / QPSK



Date: 22 MAY 2019 10:59:26

Highest Channel / 16QAM

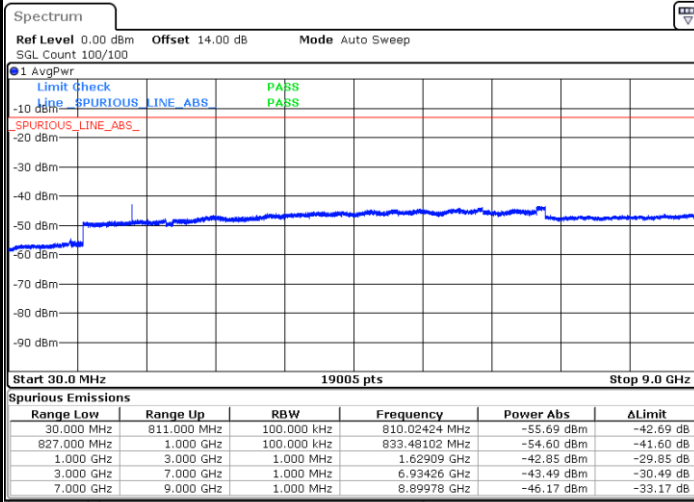


Date: 22 MAY 2019 11:00:20



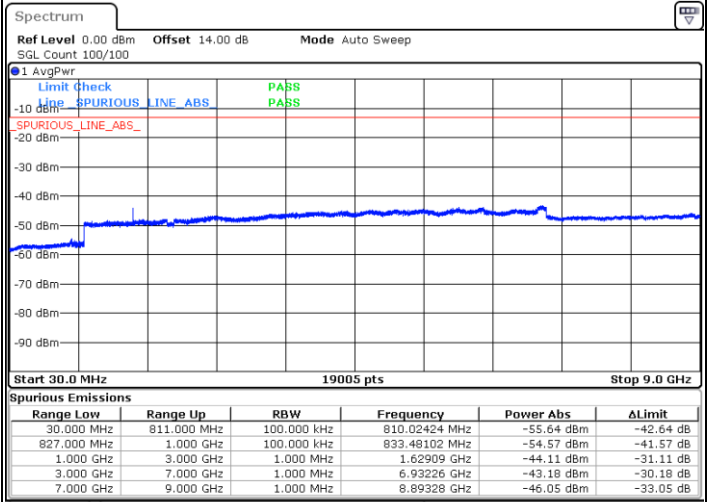
LTE Band 26 / 5MHz

Lowest Channel / QPSK



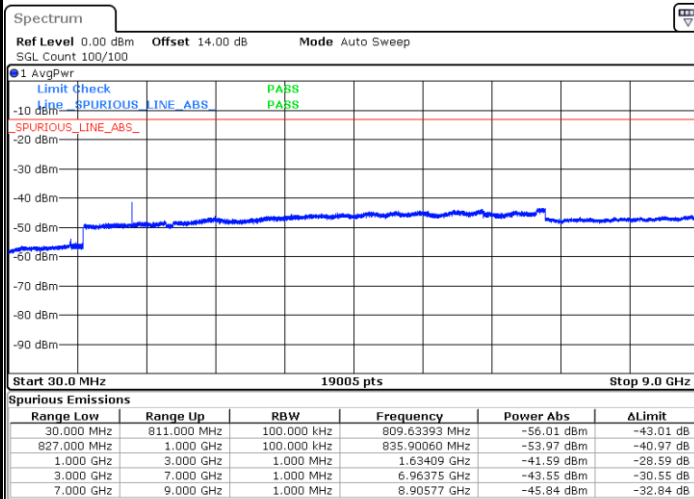
Date: 22 MAY 2019 11:01:55

Lowest Channel / 16QAM



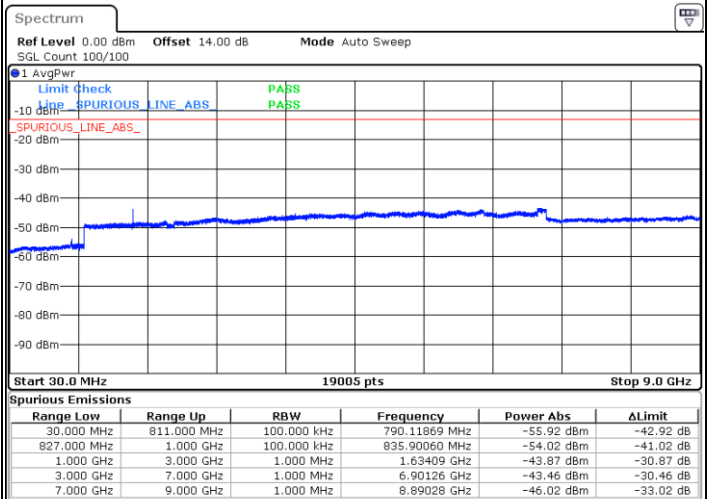
Date: 22 MAY 2019 11:02:49

Middle Channel / QPSK



Date: 22 MAY 2019 11:09:21

Middle Channel / 16QAM

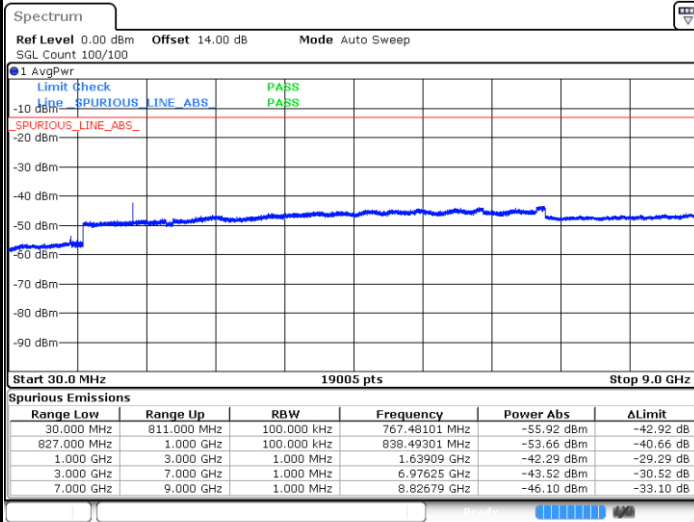


Date: 22 MAY 2019 11:10:15



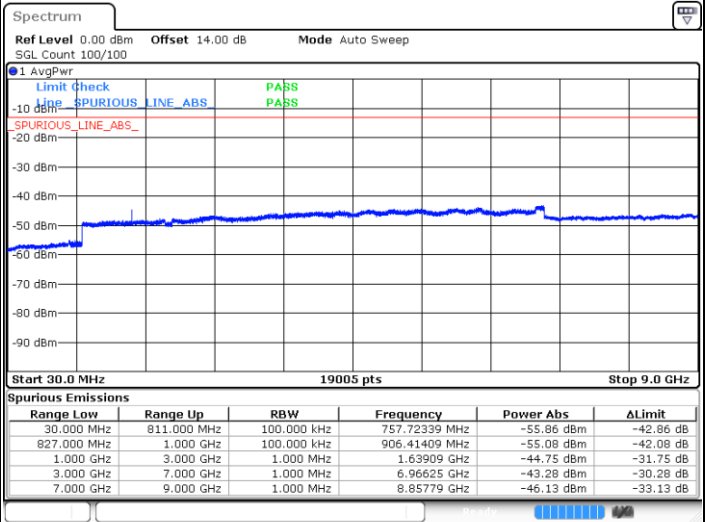
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 22 MAY 2019 11:06:53

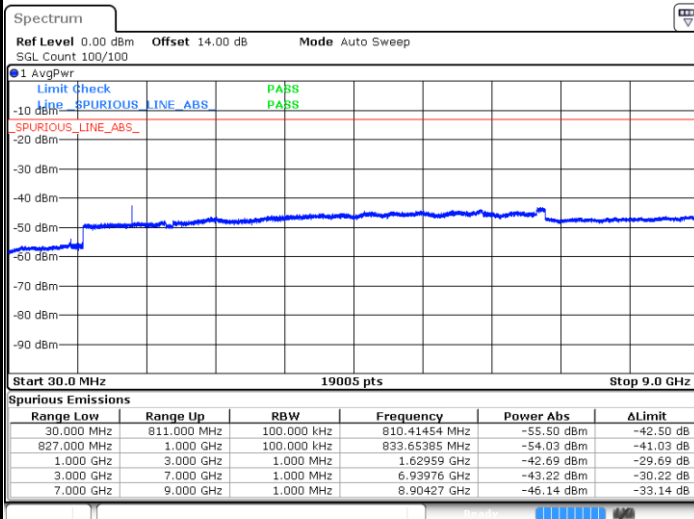
Highest Channel / 16QAM



Date: 22 MAY 2019 11:07:47

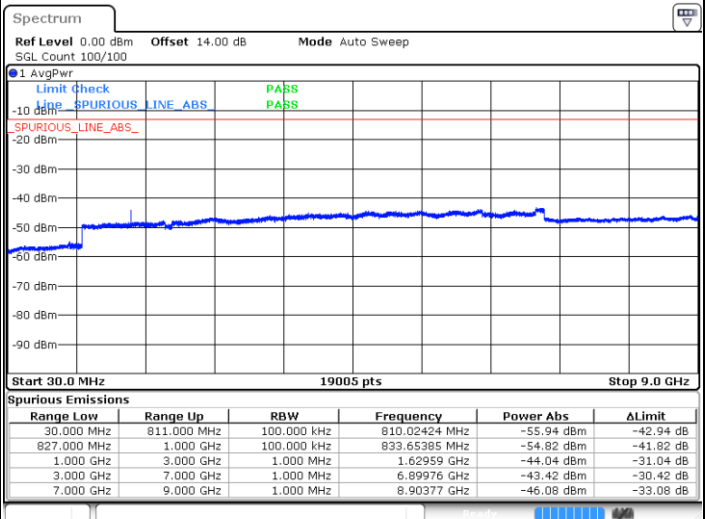
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 22 MAY 2019 11:22:04

Middle Channel / 16QAM

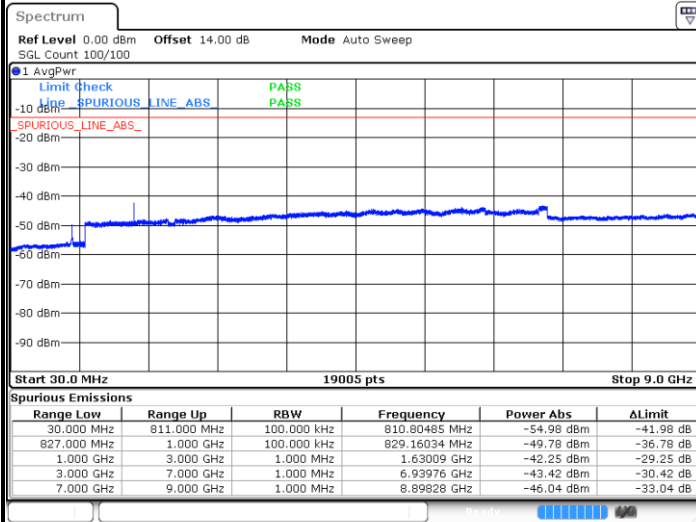


Date: 22 MAY 2019 11:22:42



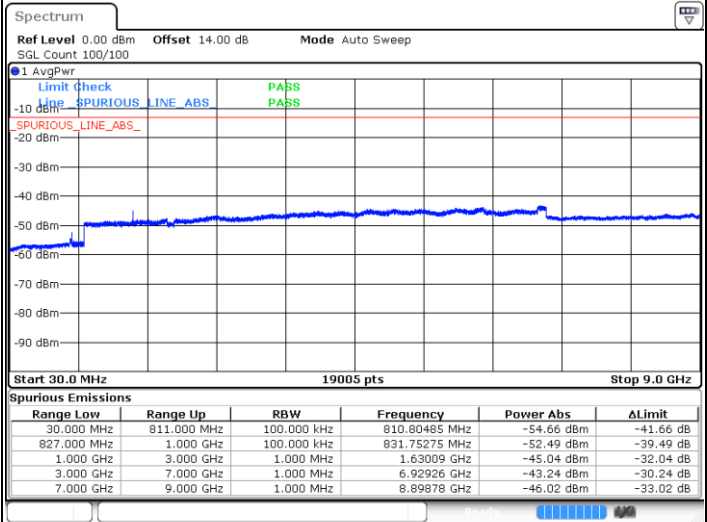
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 22 MAY 2019 11:19:07

Lowest Channel / 16QAM

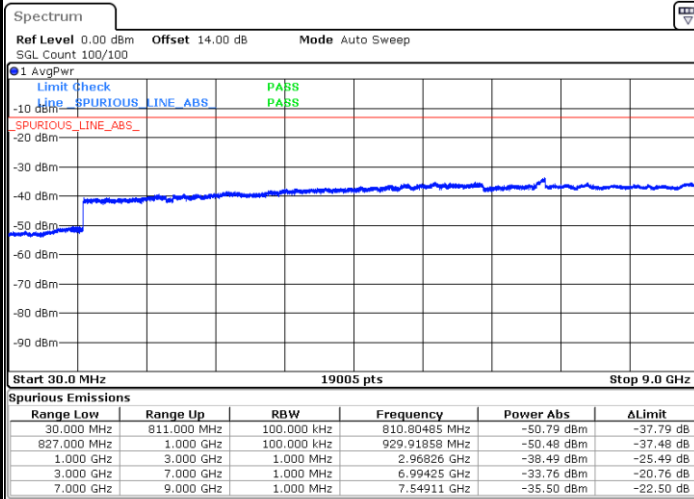


Date: 22 MAY 2019 11:19:40



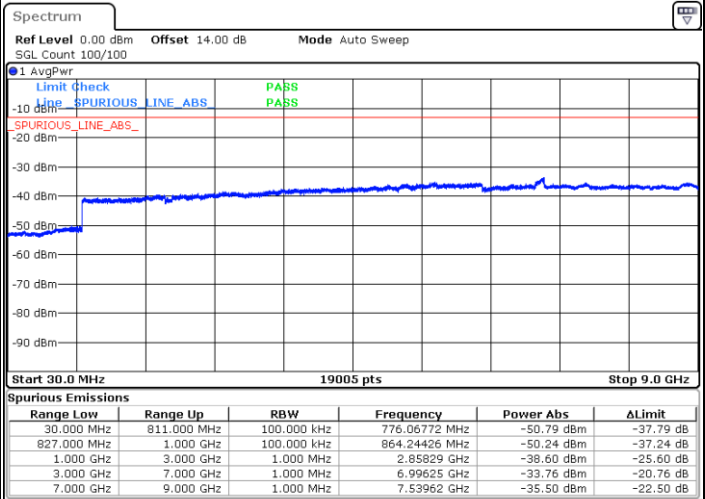
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



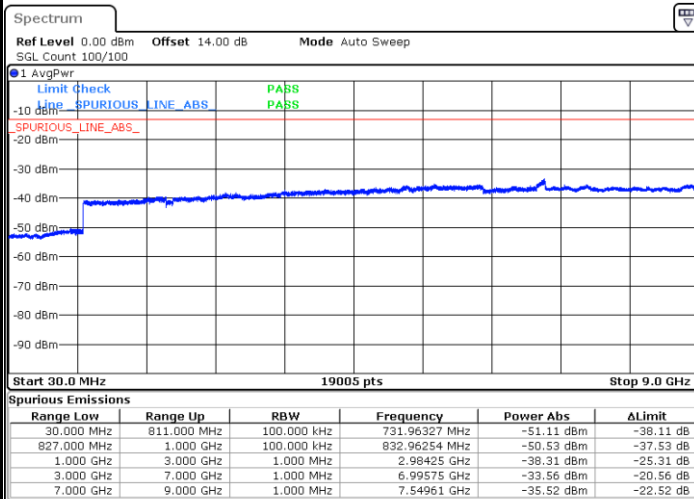
Date: 12.MAY.2019 16:16:41

Middle Channel / 64QAM



Date: 12.MAY.2019 16:17:58

Highest Channel / 64QAM

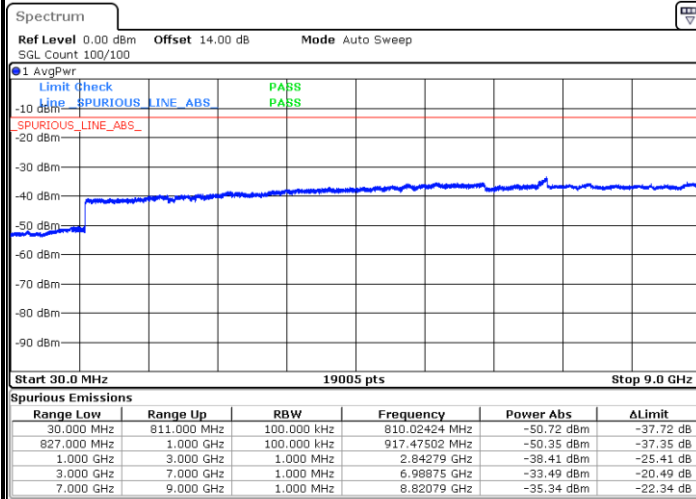


Date: 12.MAY.2019 16:21:33



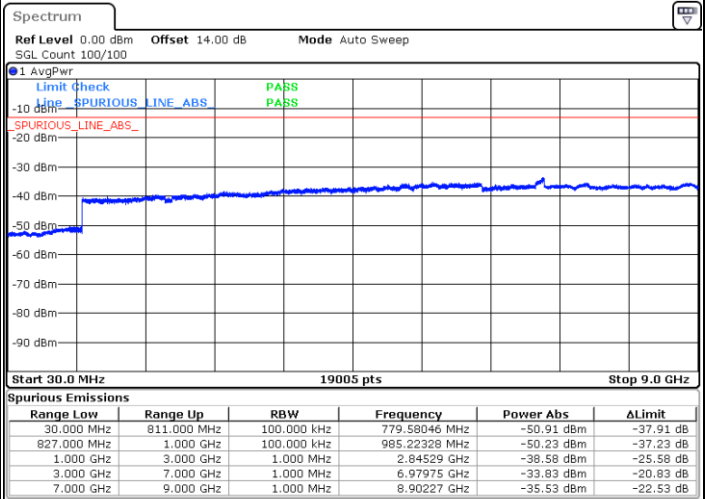
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



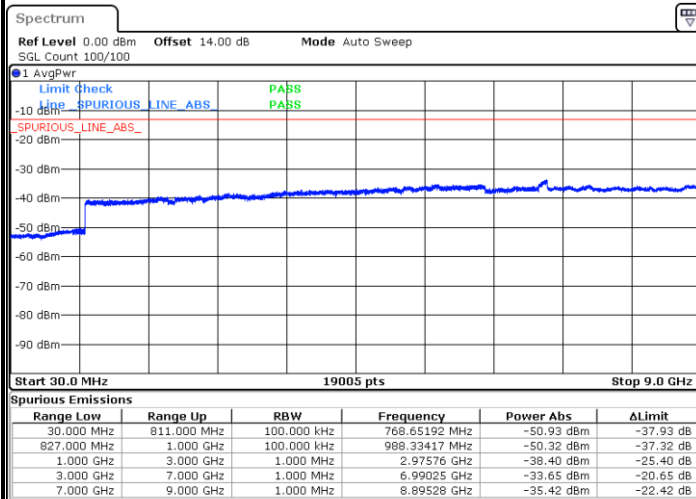
Date: 12.MAY.2019 16:25:12

Middle Channel / 64QAM



Date: 12.MAY.2019 16:26:29

Highest Channel / 64QAM

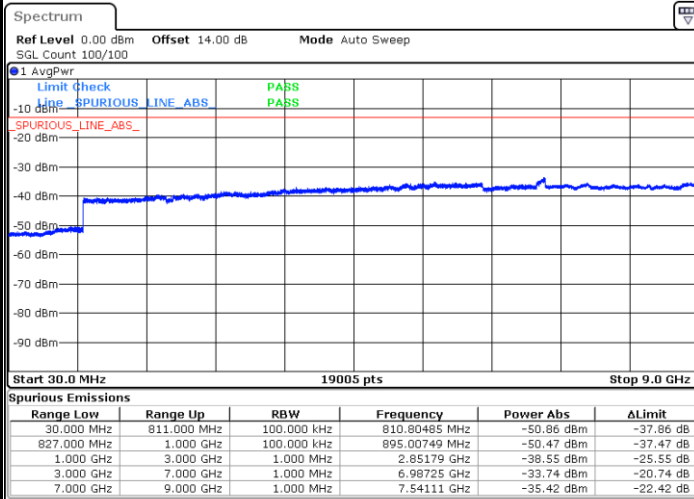


Date: 12.MAY.2019 16:34:04



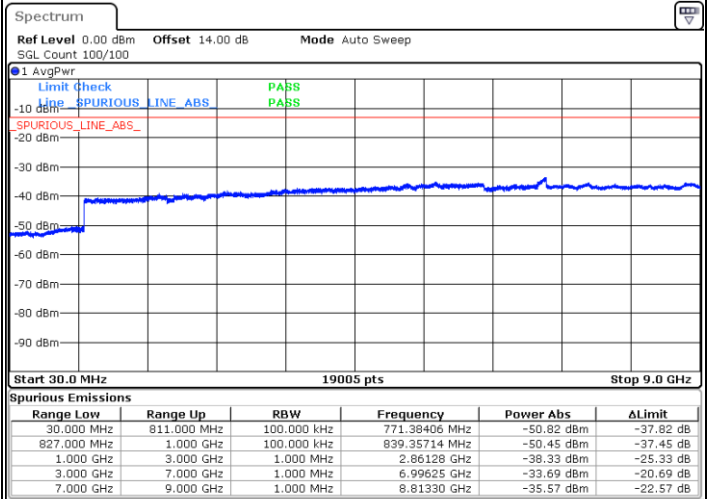
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



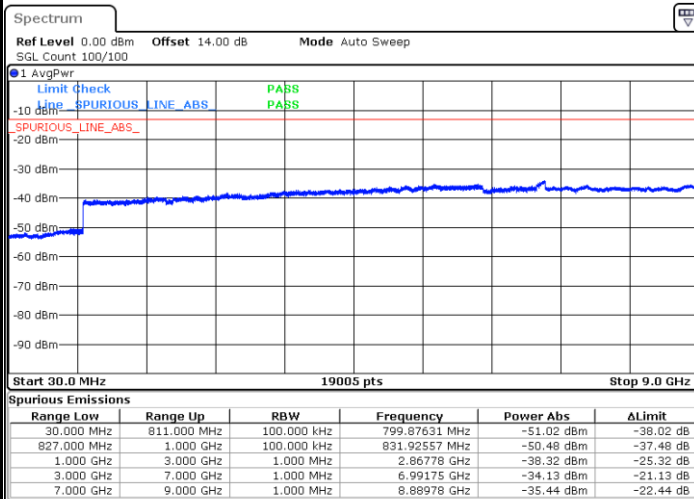
Date: 12.MAY.2019 16:35:21

Middle Channel / 64QAM



Date: 12.MAY.2019 16:36:38

Highest Channel / 64QAM

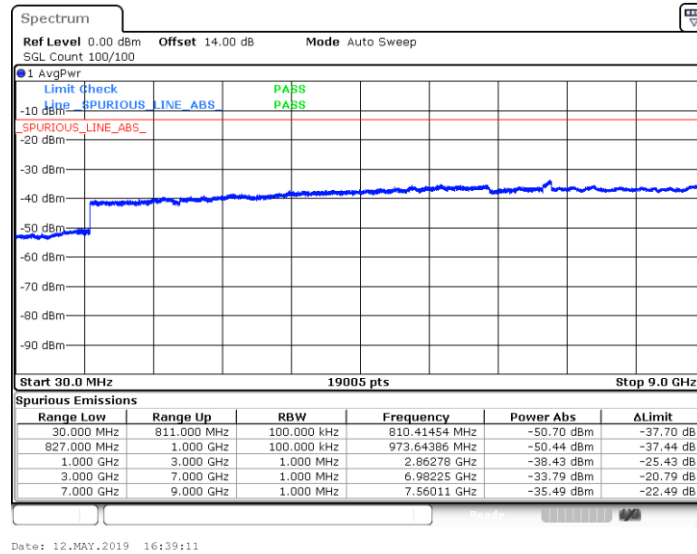


Date: 12.MAY.2019 16:37:54



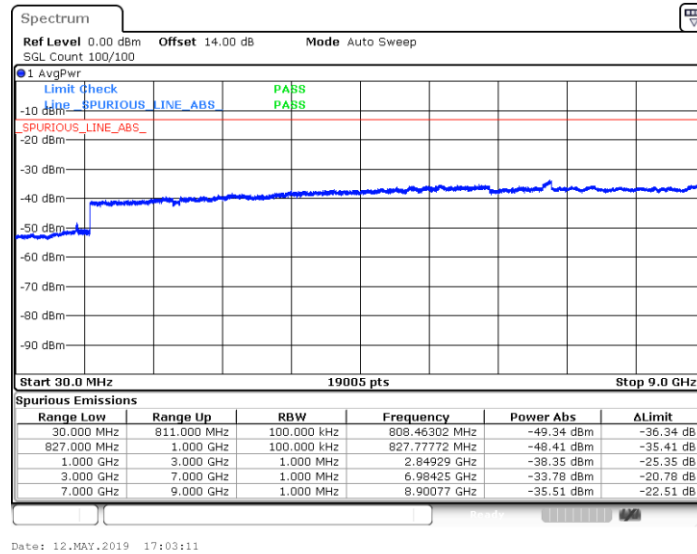
LTE Band 26 / 10MHz

Middle Channel / 64QAM



LTE Band 26 / 15MHz

Lowest Channel / 64QAM



**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	0.0011	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: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



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	-69.28	-13	-56.28	-78.48	-72.53	4.00	9.40	H
	2455.11	-66.50	-13	-53.50	-80.00	-70.07	4.88	10.60	H
	3273.48	-65.31	-13	-52.31	-80.93	-70.24	5.52	12.60	H
	1636.74	-69.57	-13	-56.57	-78.32	-72.82	4.00	9.40	V
	2455.11	-66.16	-13	-53.16	-79.63	-69.73	4.88	10.60	V
	3273.48	-65.22	-13	-52.22	-80.94	-70.15	5.52	12.60	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)
Middle	1635.3	-69.03	-13	-56.03	-78.23	-72.28	4.00	9.40	H
	2452.95	-66.39	-13	-53.39	-79.91	-69.96	4.88	10.60	H
	3270.6	-65.32	-13	-52.32	-80.94	-70.25	5.52	12.60	H
	1635.3	-69.61	-13	-56.61	-78.36	-72.86	4.00	9.40	V
	2452.95	-66.39	-13	-53.39	-79.92	-69.96	4.88	10.60	V
	3270.6	-65.25	-13	-52.25	-80.97	-70.18	5.52	12.60	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)
Middle	1633.5	-68.89	-13	-55.89	-78.09	-72.14	4.00	9.40	H
	2450.25	-66.23	-13	-53.23	-79.75	-69.80	4.88	10.60	H
	3267	-65.29	-13	-52.29	-80.94	-70.22	5.52	12.60	H
	1633.5	-69.62	-13	-56.62	-78.37	-72.87	4.00	9.40	V
	2450.25	-66.18	-13	-53.18	-79.71	-69.75	4.88	10.60	V
	3267	-65.22	-13	-52.22	-81.00	-70.15	5.52	12.60	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	-69.01	-13	-56.01	-78.21	-72.26	4.00	9.40	H
	2443.5	-66.18	-13	-53.18	-79.70	-69.75	4.88	10.60	H
	3258	-65.17	-13	-52.17	-80.82	-70.10	5.52	12.60	H
	1629	-69.48	-13	-56.48	-78.23	-72.73	4.00	9.40	V
	2443.5	-64.27	-13	-51.27	-77.80	-67.84	4.88	10.60	V
	3258	-65.22	-13	-52.22	-81.00	-70.15	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	-69.35	-13	-56.35	-78.55	-72.60	4.00	9.40	H
	2455.11	-65.84	-13	-52.84	-79.34	-69.41	4.88	10.60	H
	3273.48	-65.35	-13	-52.35	-80.97	-70.28	5.52	12.60	H
	1636.74	-69.32	-13	-56.32	-78.07	-72.57	4.00	9.40	V
	2455.11	-66.68	-13	-53.68	-80.15	-70.25	4.88	10.60	V
	3273.48	-65.29	-13	-52.29	-81.01	-70.22	5.52	12.60	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)
Middle	1635.3	-69.25	-13	-56.25	-78.45	-72.50	4.00	9.40	H
	2452.95	-65.29	-13	-52.29	-78.81	-68.86	4.88	10.60	H
	3270.6	-65.45	-13	-52.45	-81.07	-70.38	5.52	12.60	H
	1635.3	-69.58	-13	-56.58	-78.33	-72.83	4.00	9.40	V
	2452.95	-66.31	-13	-53.31	-79.84	-69.88	4.88	10.60	V
	3270.6	-65.36	-13	-52.36	-81.08	-70.29	5.52	12.60	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)
Middle	1633.5	-69.37	-13	-56.37	-78.57	-72.62	4.00	9.40	H
	2450.25	-65.65	-13	-52.65	-79.17	-69.22	4.88	10.60	H
	3267	-65.36	-13	-52.36	-81.01	-70.29	5.52	12.60	H
	1633.5	-69.79	-13	-56.79	-78.54	-73.04	4.00	9.40	V
	2450.25	-66.32	-13	-53.32	-79.85	-69.89	4.88	10.60	V
	3267	-65.30	-13	-52.30	-81.08	-70.23	5.52	12.60	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	-68.96	-13	-55.96	-78.16	-72.21	4.00	9.40	H
	2443.5	-65.39	-13	-52.39	-78.91	-68.96	4.88	10.60	H
	3258	-65.06	-13	-52.06	-80.71	-69.99	5.52	12.60	H
	1629	-69.27	-13	-56.27	-78.02	-72.52	4.00	9.40	V
	2443.5	-66.01	-13	-53.01	-79.54	-69.58	4.88	10.60	V
	3258	-65.31	-13	-52.31	-81.09	-70.24	5.52	12.60	V

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