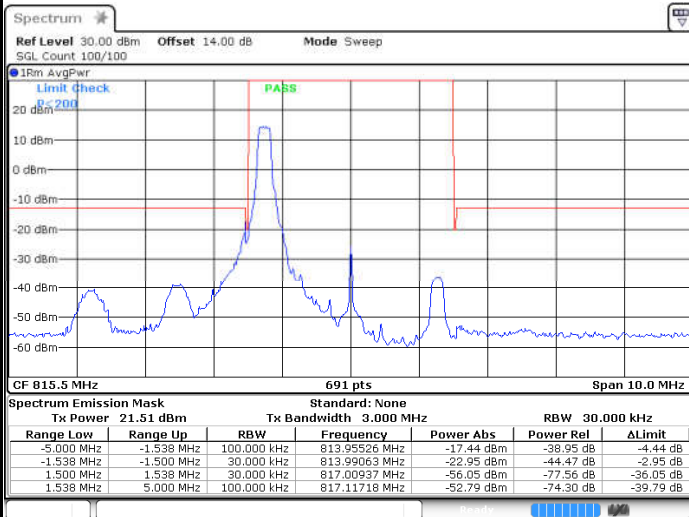


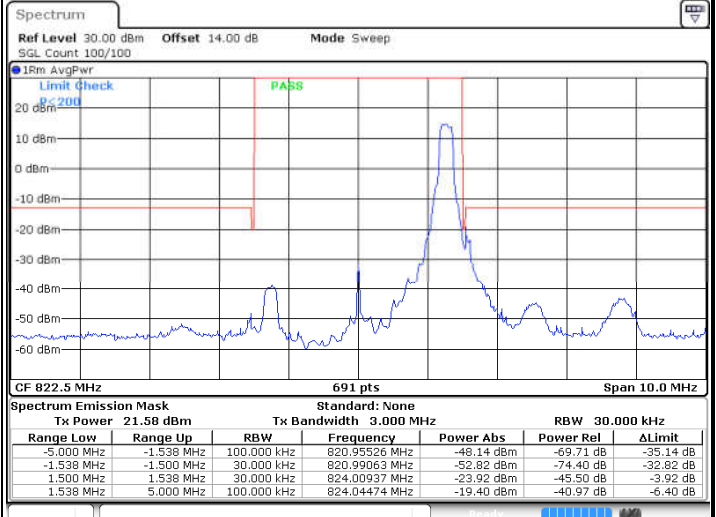


LTE Band 26 / 3MHz / 16QAM

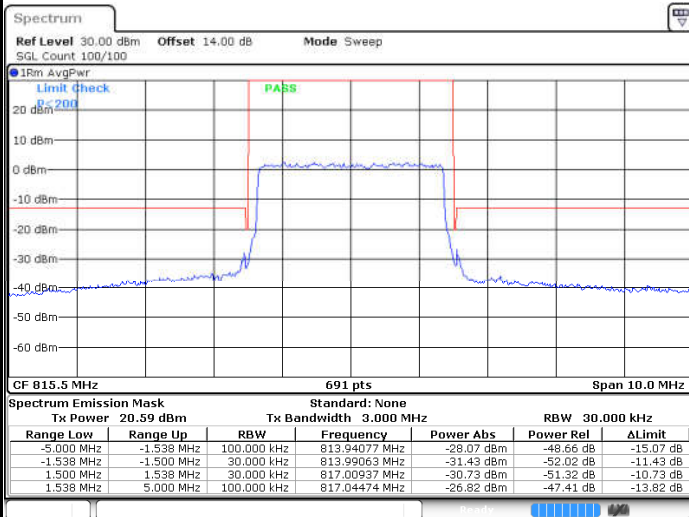
Lowest Band Edge / 1 RB



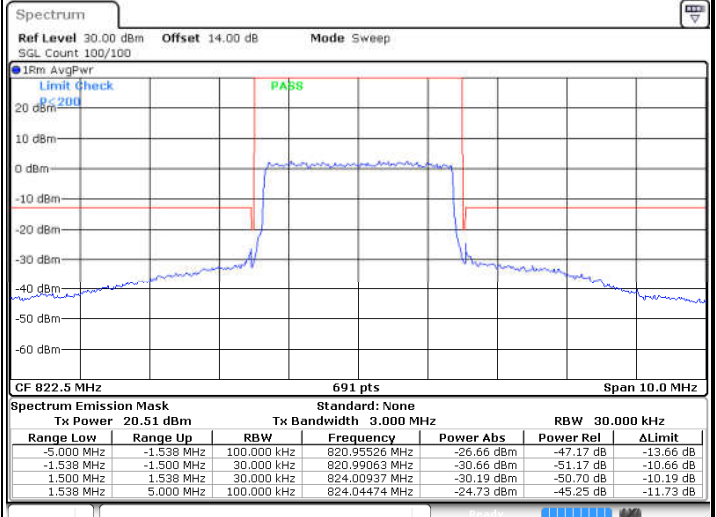
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



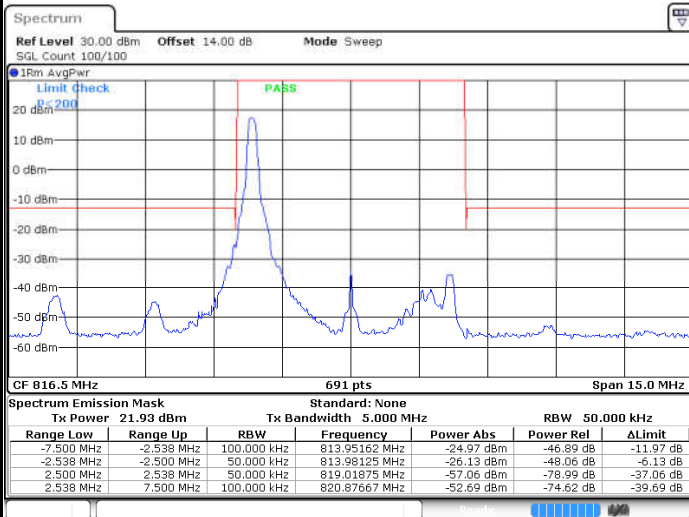
Highest Band Edge / Full RB



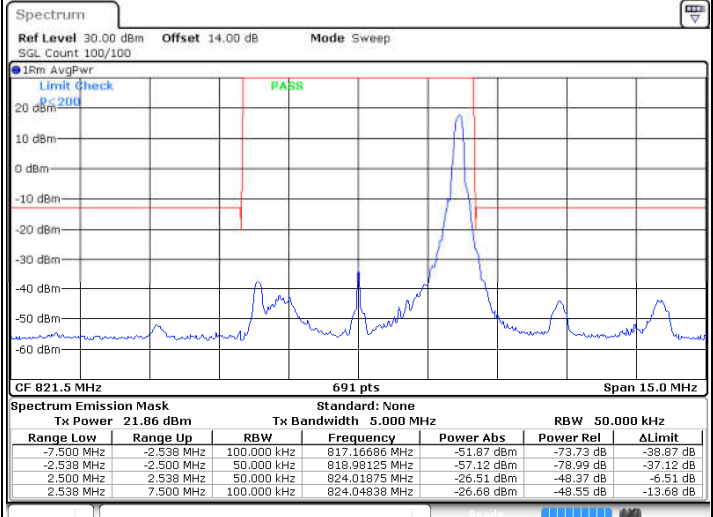


LTE Band 26 / 5MHz / QPSK

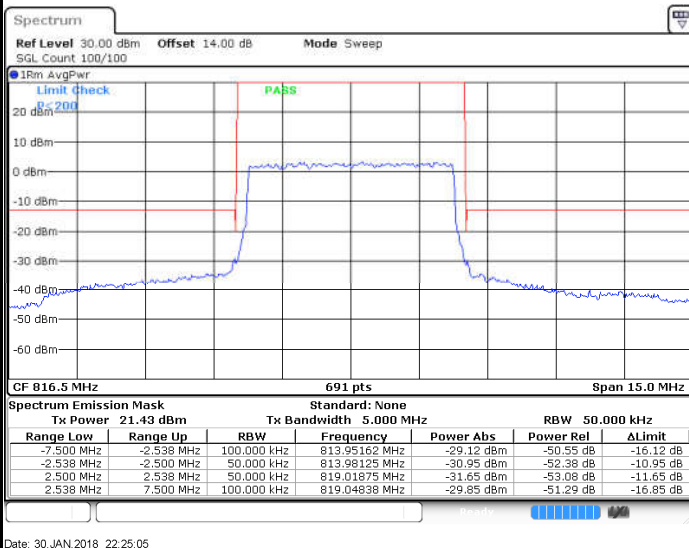
Lowest Band Edge / 1 RB



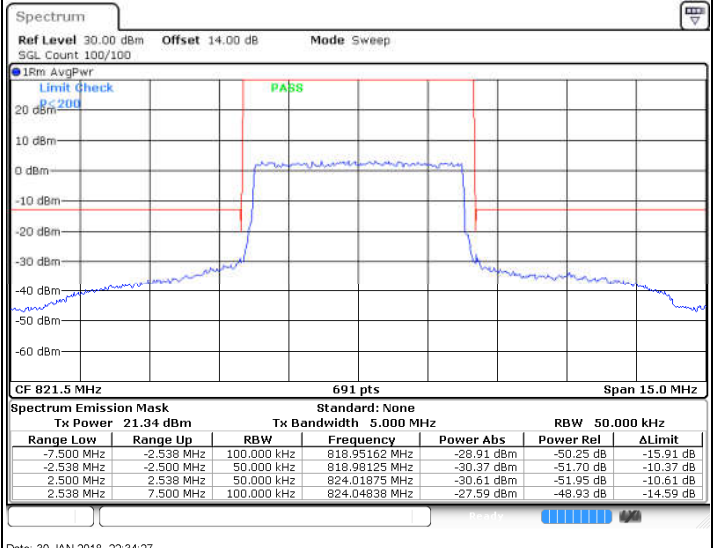
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



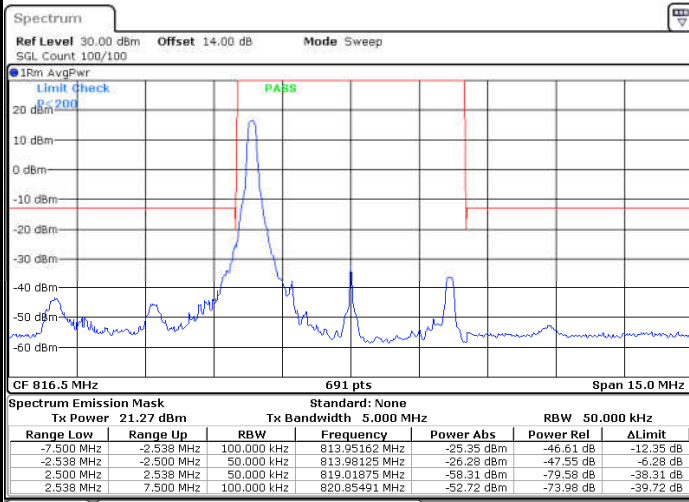
Highest Band Edge / Full RB





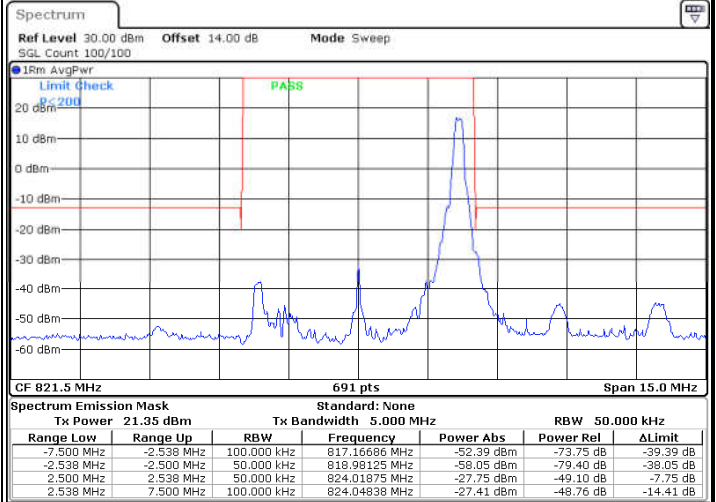
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



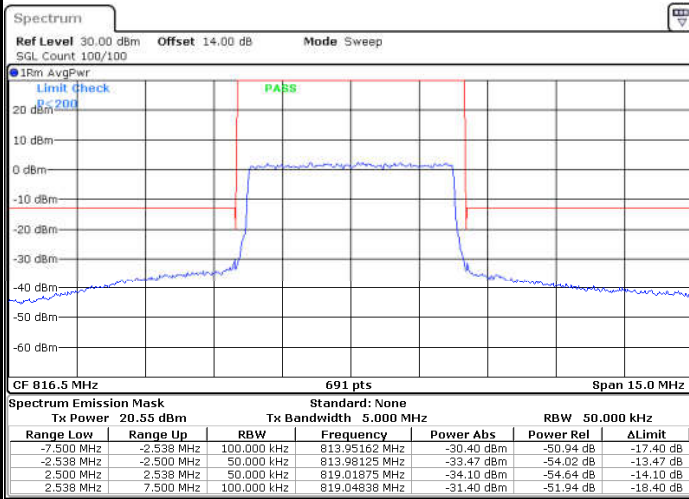
Date: 30 JAN 2018 22:23:57

Highest Band Edge / 1 RB



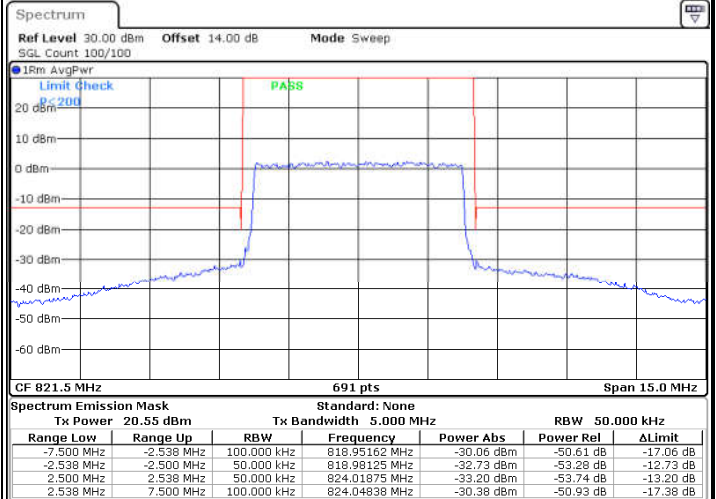
Date: 30 JAN 2018 22:33:19

Lowest Band Edge / Full RB



Date: 30 JAN 2018 22:26:13

Highest Band Edge / Full RB

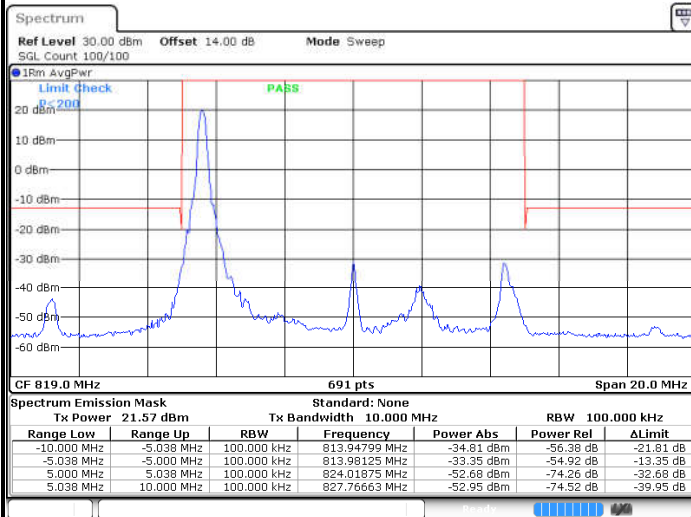


Date: 30 JAN 2018 22:35:34

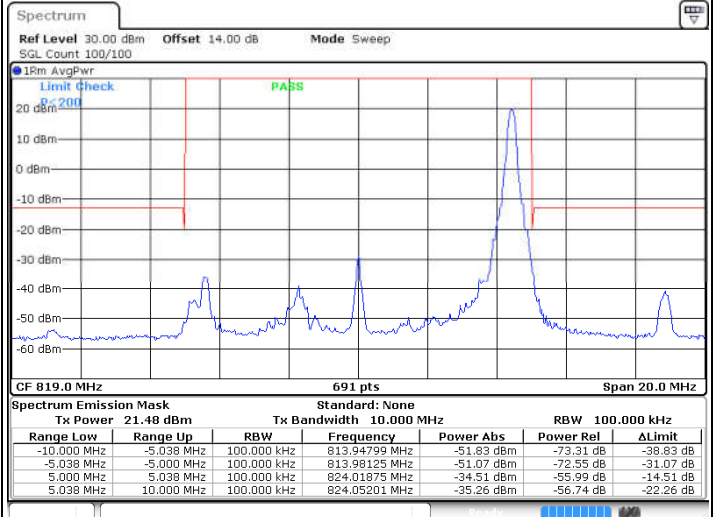


LTE Band 26 / 10MHz / QPSK

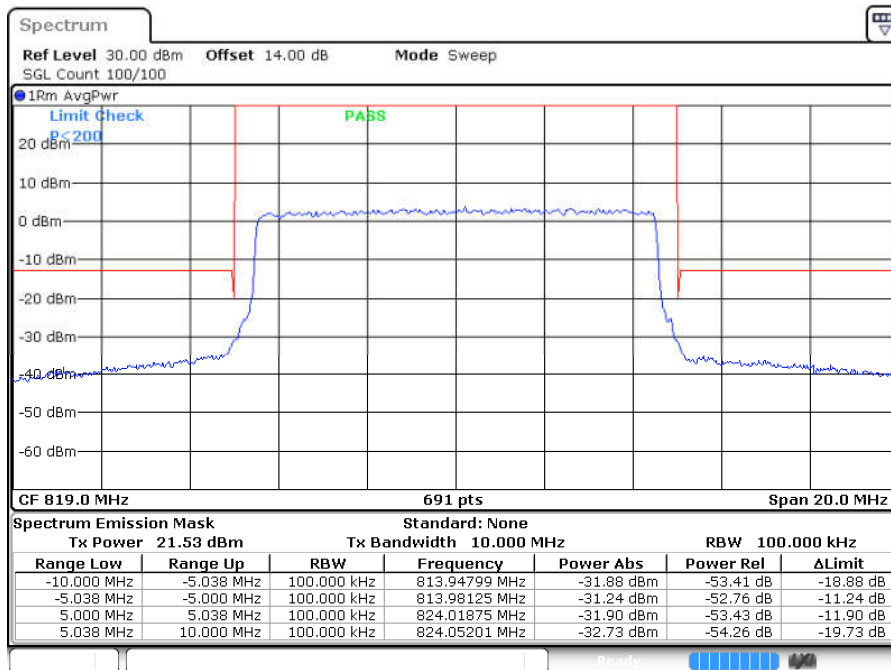
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



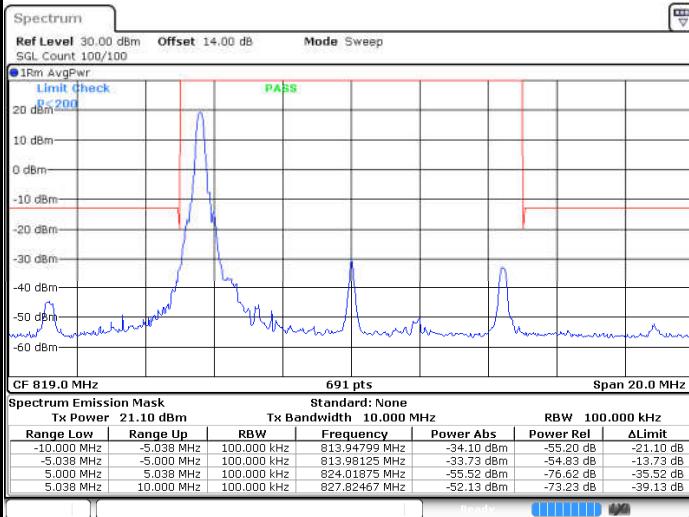
Band Edge / Full RB



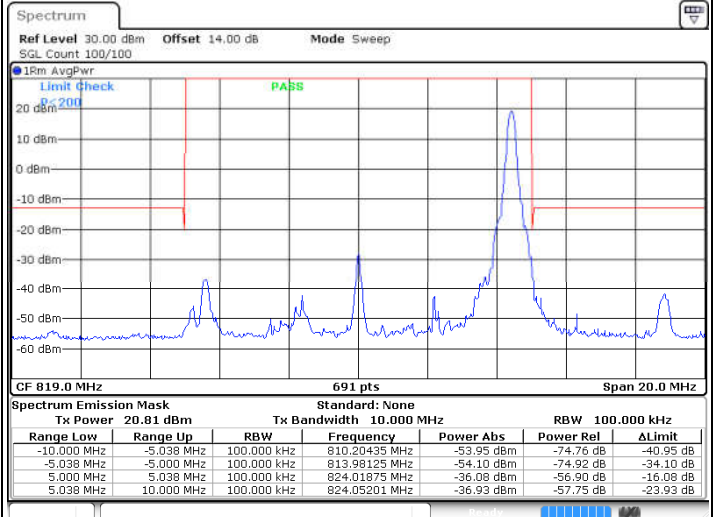


LTE Band 26 / 10MHz / 16QAM

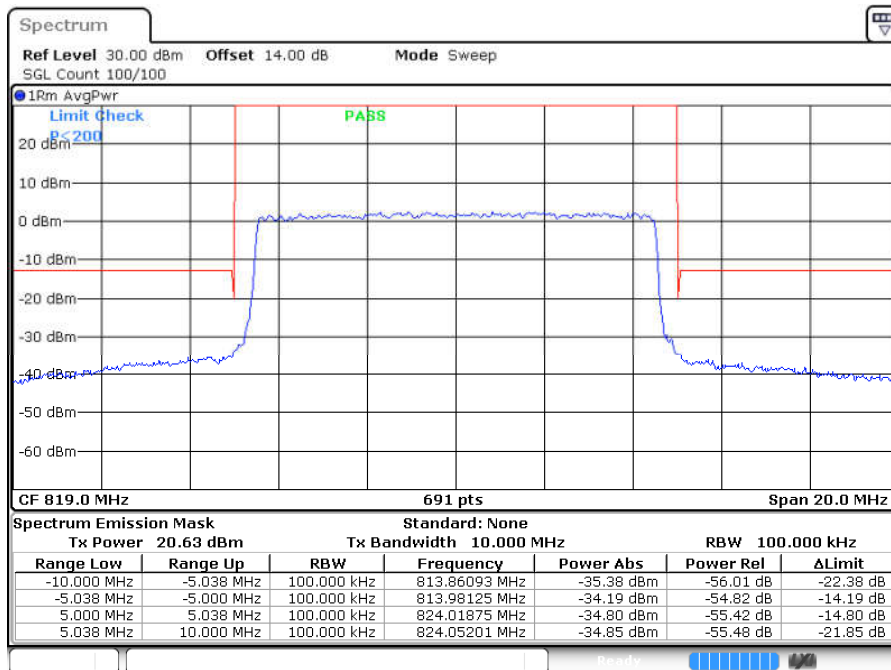
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



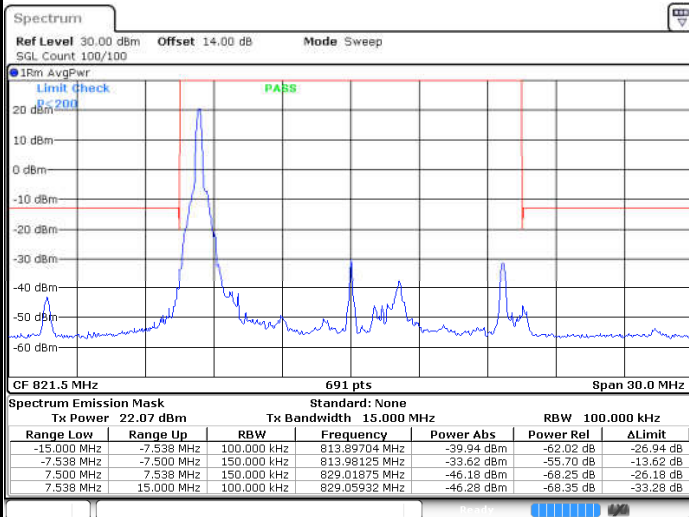
Band Edge / Full RB



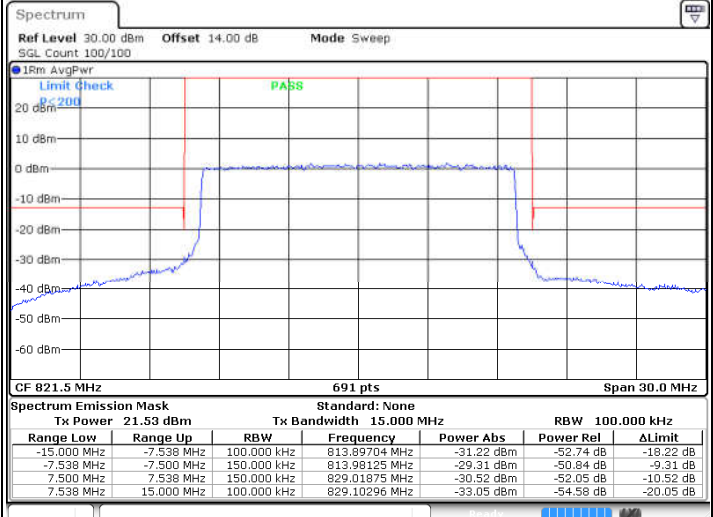


LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

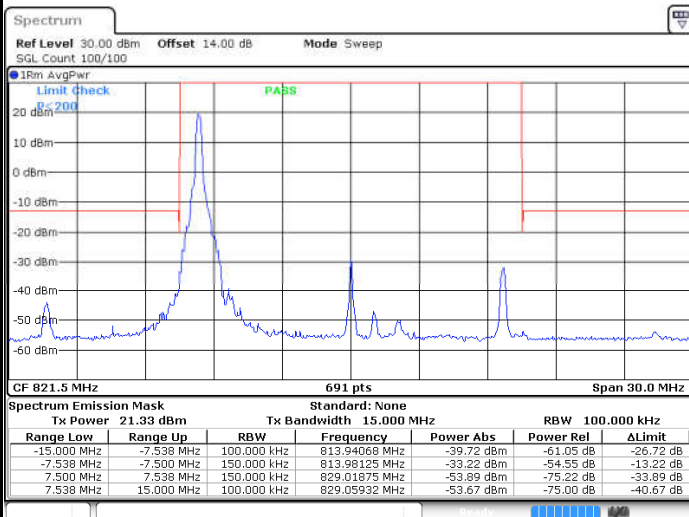


Lowest Band Edge / Full RB

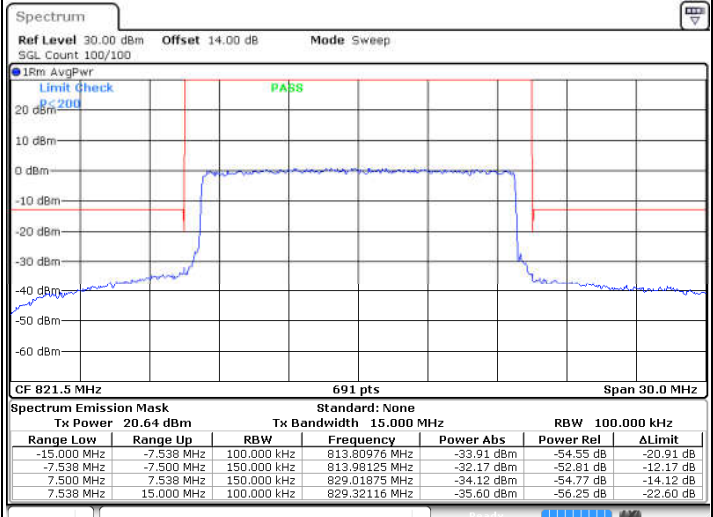


LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



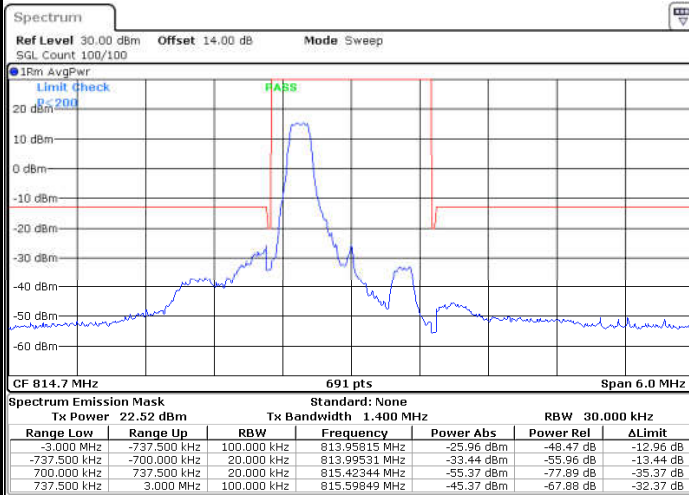
Lowest Band Edge / Full RB





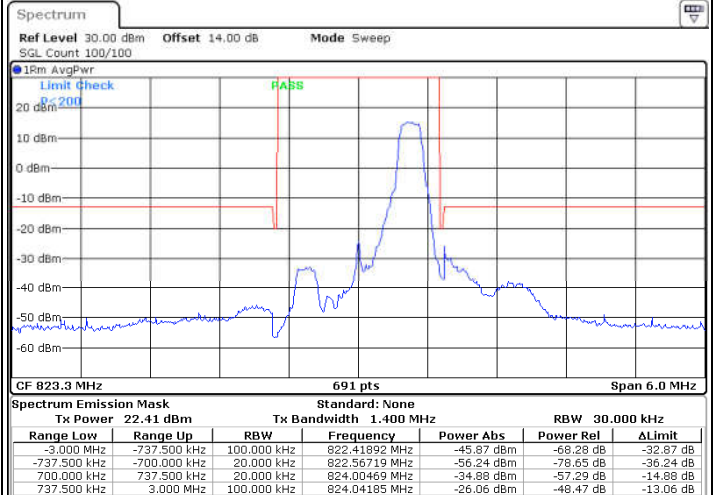
LTE Band 26/ 1.4MHz / 64QAM

Lowest Band Edge / 1RB



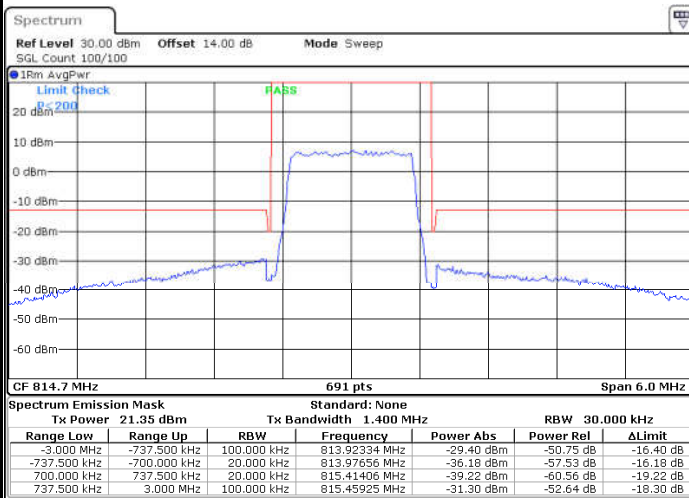
Date: 31.JAN.2018 20:21:02

Highest Band Edge / 1RB



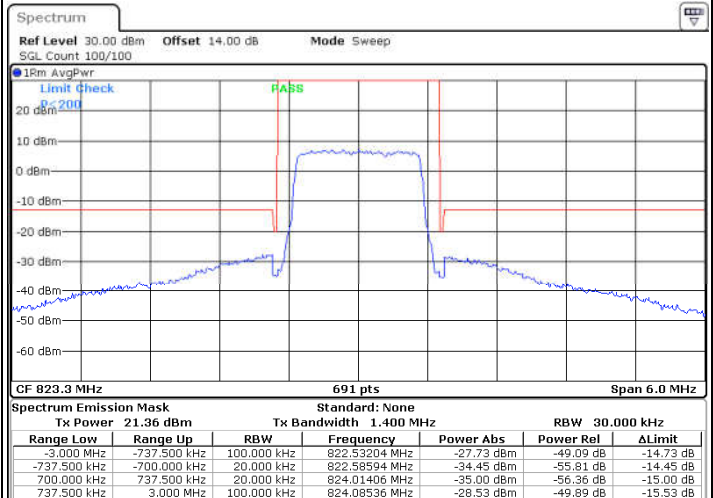
Date: 31.JAN.2018 20:26:51

Lowest Band Edge / Full RB



Date: 31.JAN.2018 20:22:10

Highest Band Edge / Full RB

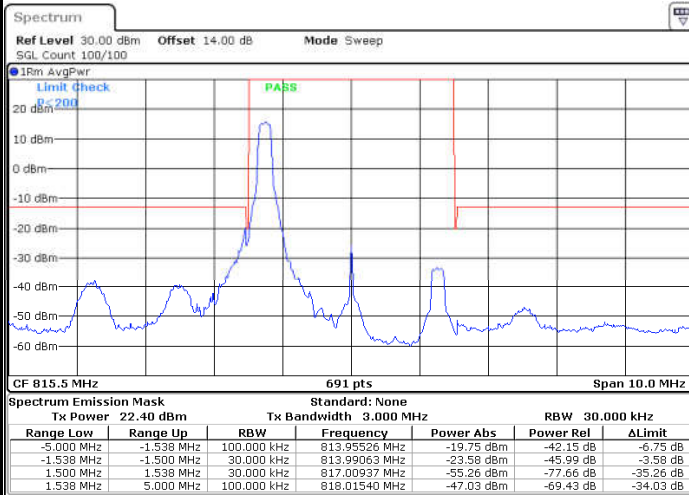


Date: 31.JAN.2018 20:25:43



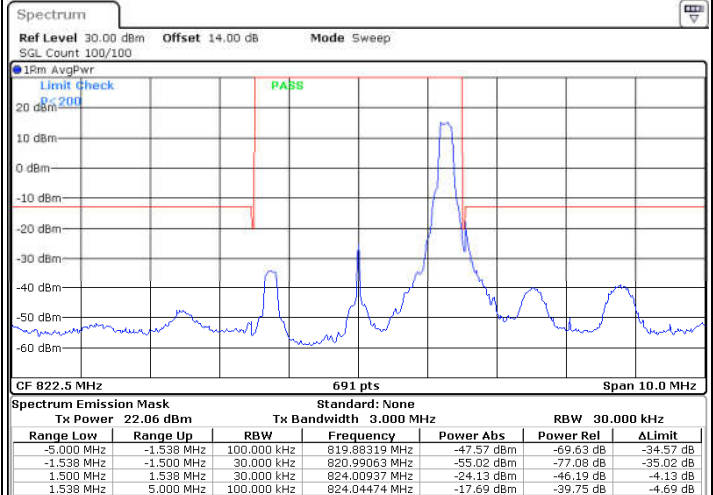
LTE Band 26/ 3MHz / 64QAM

Lowest Band Edge / 1RB



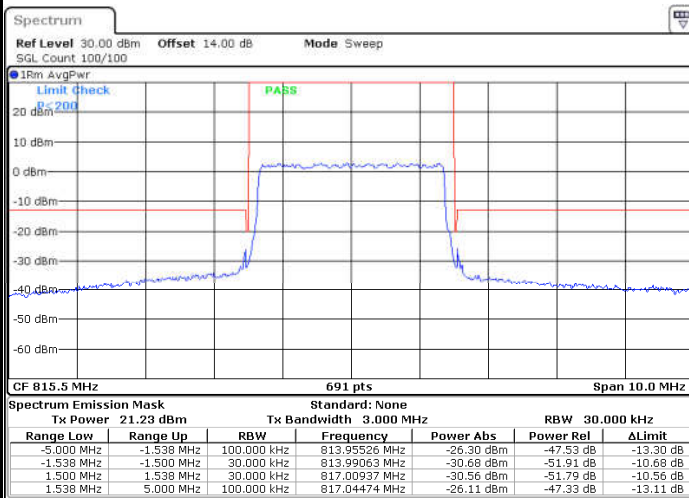
Date: 31.JAN.2018 20:29:12

Highest Band Edge / 1RB



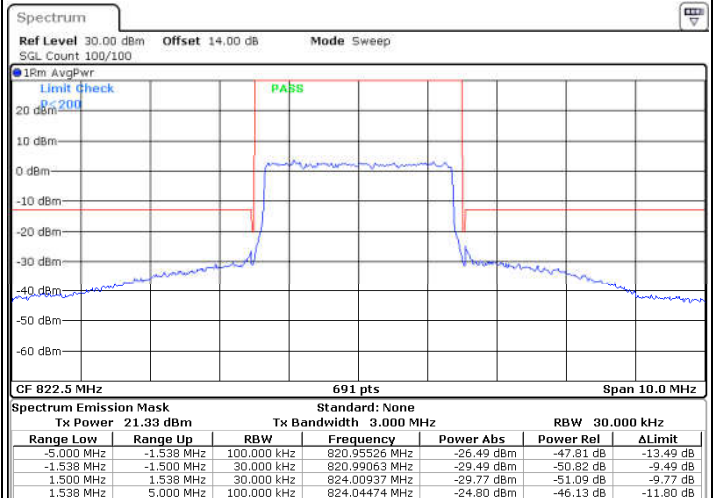
Date: 31.JAN.2018 20:33:53

Lowest Band Edge / Full RB



Date: 31.JAN.2018 20:30:20

Highest Band Edge / Full RB

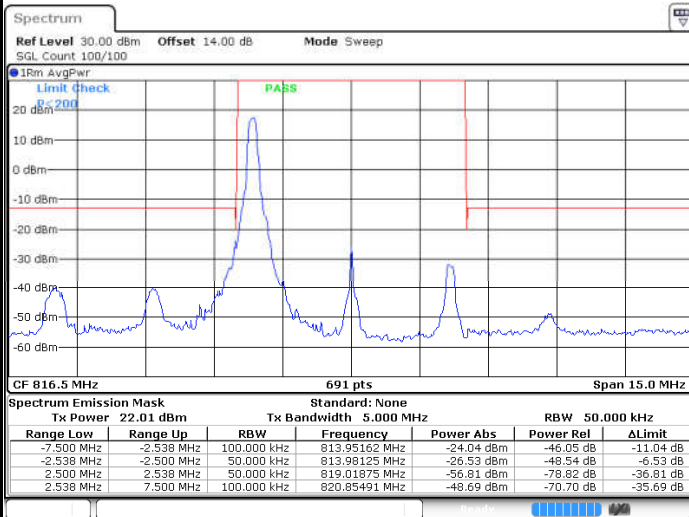


Date: 31.JAN.2018 20:35:01

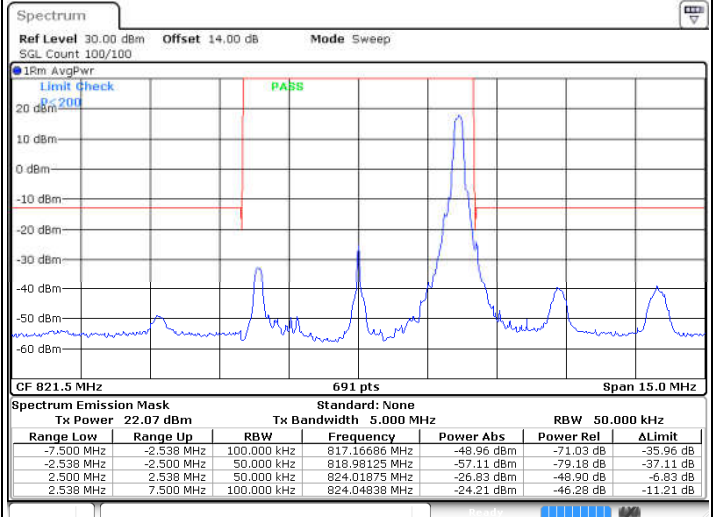


LTE Band 26/ 5MHz / 64QAM

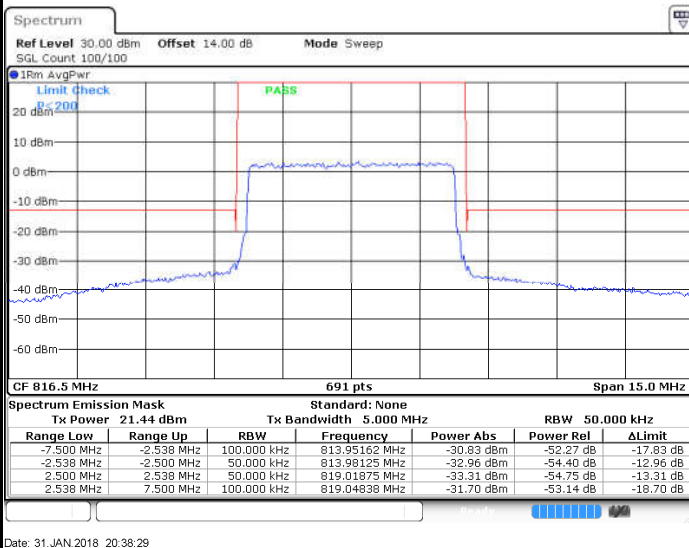
Lowest Band Edge / 1RB



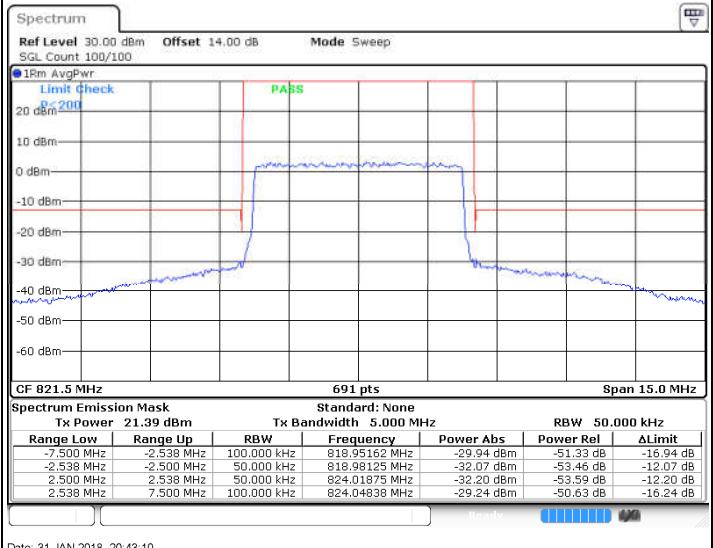
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



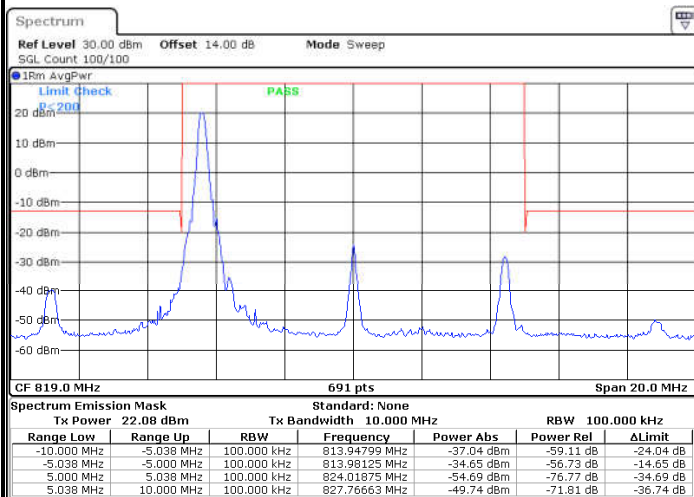
Highest Band Edge / Full RB





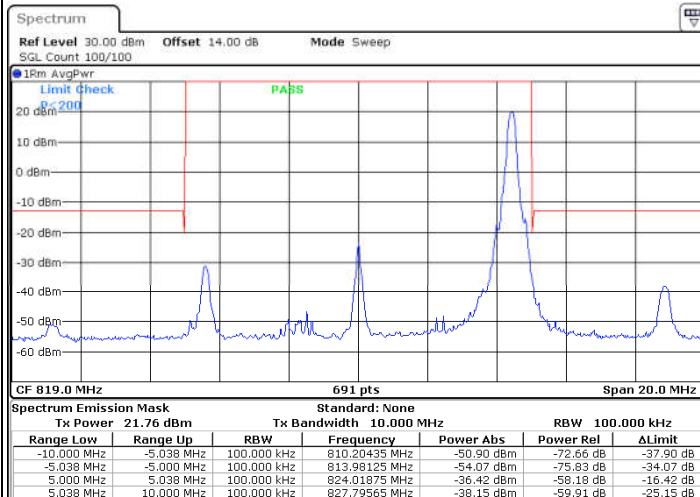
LTE Band 26/ 10MHz / 64QAM

Band Edge / 1RB0



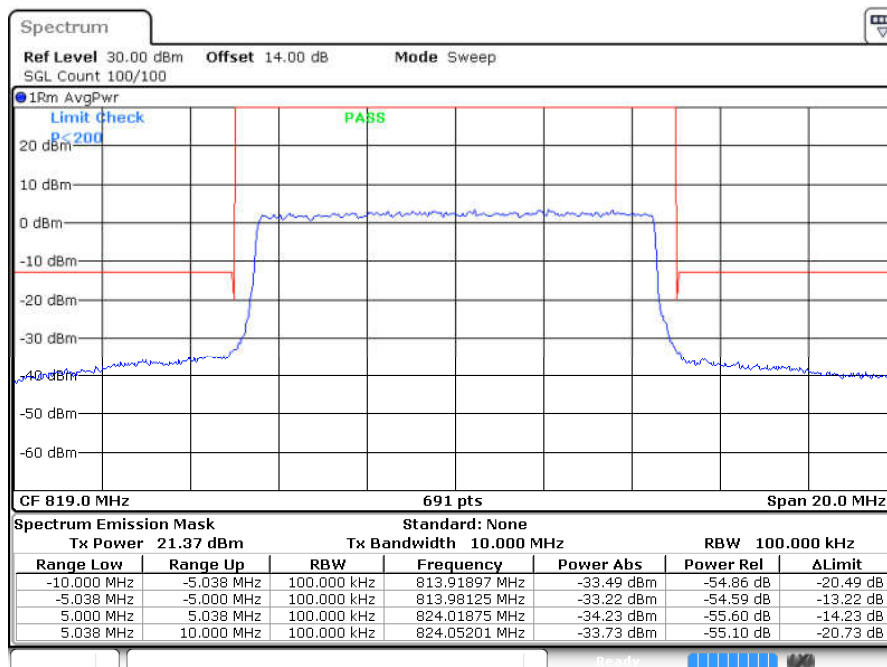
Date: 31.JAN.2018 20:46:23

Band Edge / 1RBmax



Date: 31.JAN.2018 20:47:31

Band Edge / Full RB

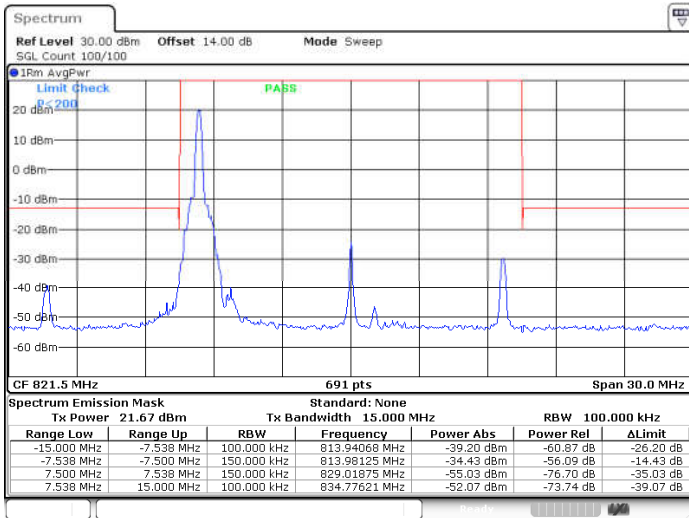


Date: 31.JAN.2018 20:48:39



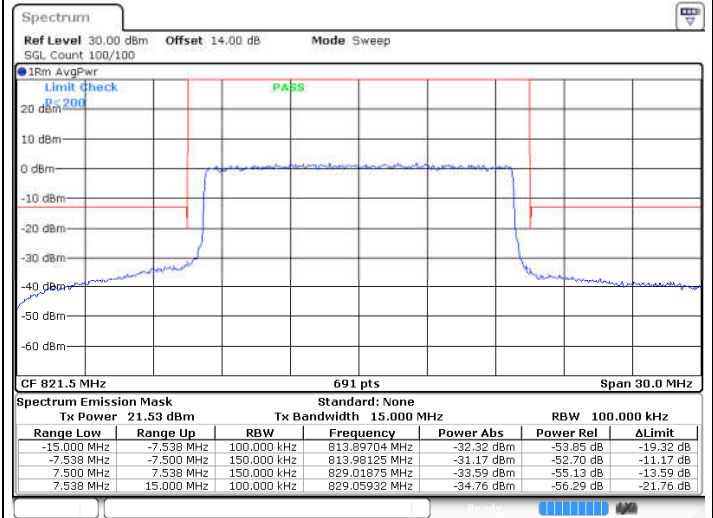
LTE Band 26/ 15MHz / 64QAM

Band Edge / 1RB0



Date: 1.FEB.2018 22:00:08

Band Edge / Full RB



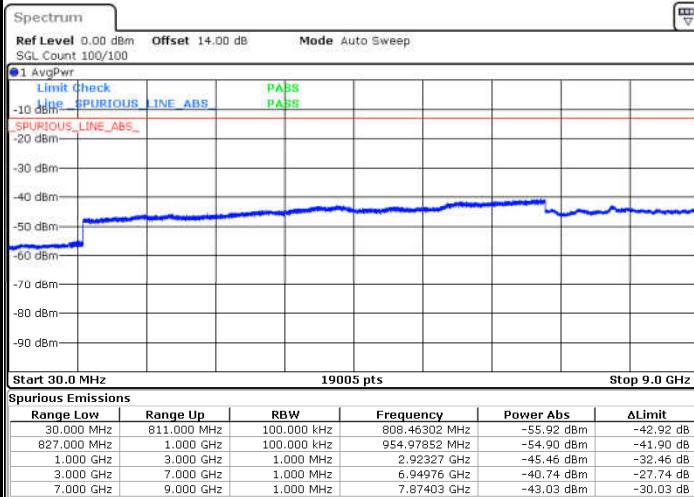
Date: 31.JAN.2018 20:51:47



Conducted Spurious Emission

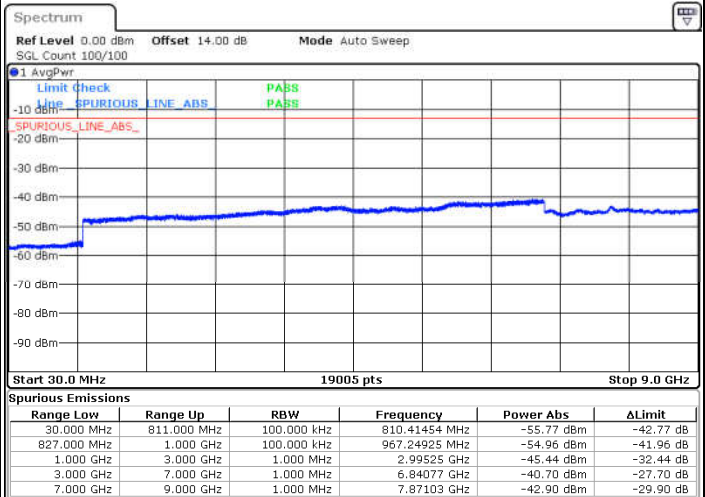
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



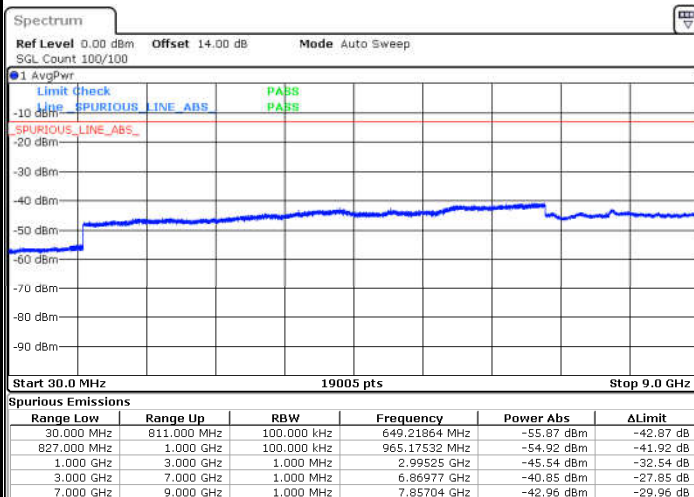
Date: 30 JAN 2018 21:54:27

Lowest Channel / 16QAM



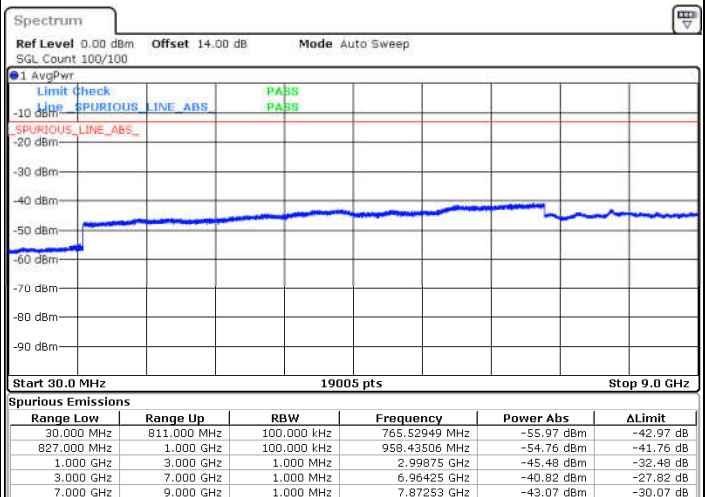
Date: 30 JAN 2018 21:55:20

Middle Channel / QPSK



Date: 30 JAN 2018 21:56:53

Middle Channel / 16QAM

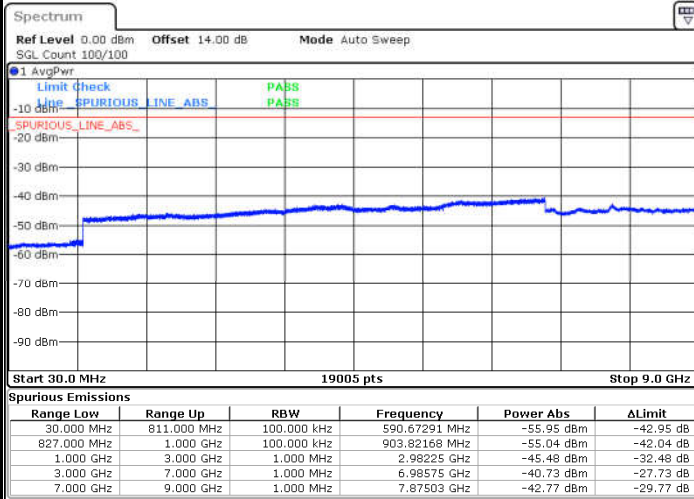


Date: 30 JAN 2018 21:57:46



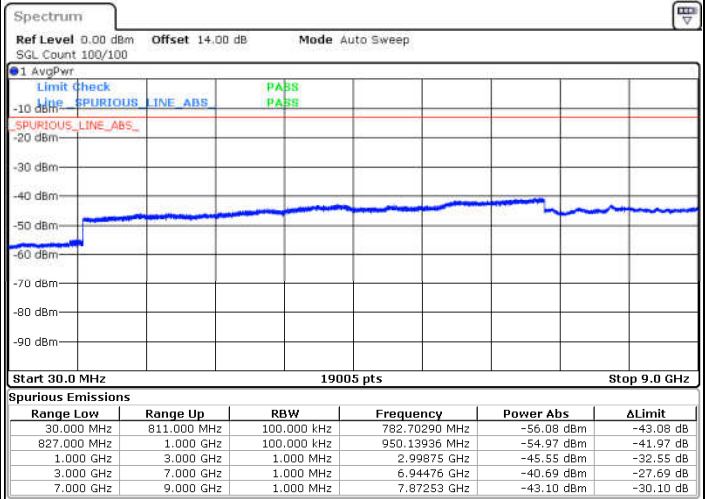
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 30.JAN.2018 22:03:49

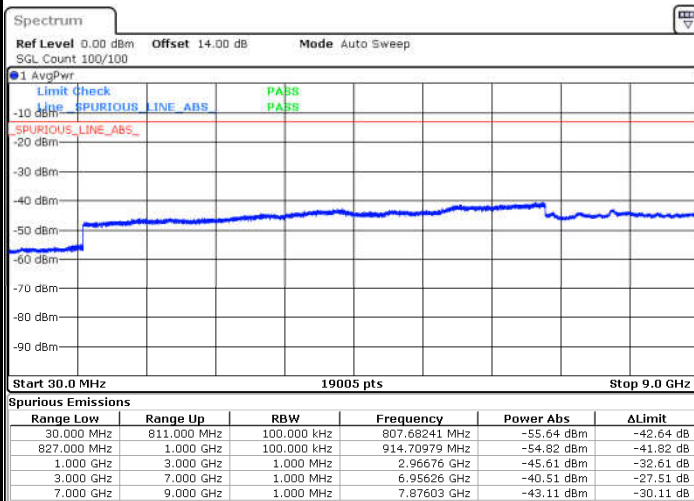
Highest Channel / 16QAM



Date: 30.JAN.2018 22:04:42

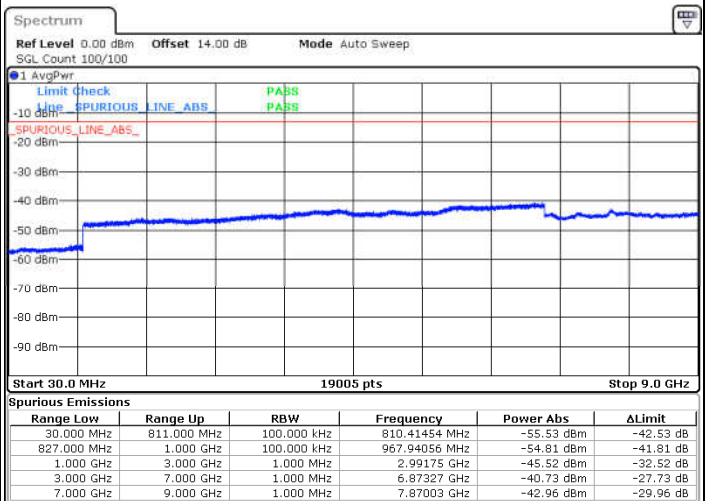
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 30.JAN.2018 22:10:46

Lowest Channel / 16QAM

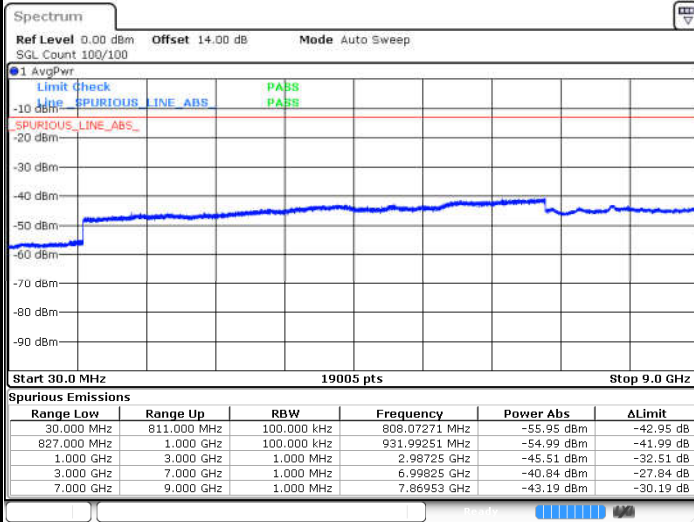


Date: 30.JAN.2018 22:11:39



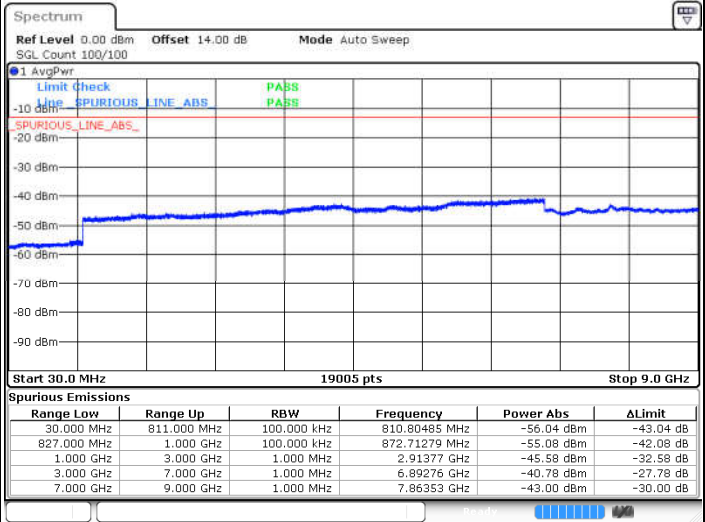
LTE Band 26 / 3MHz

Middle Channel / QPSK



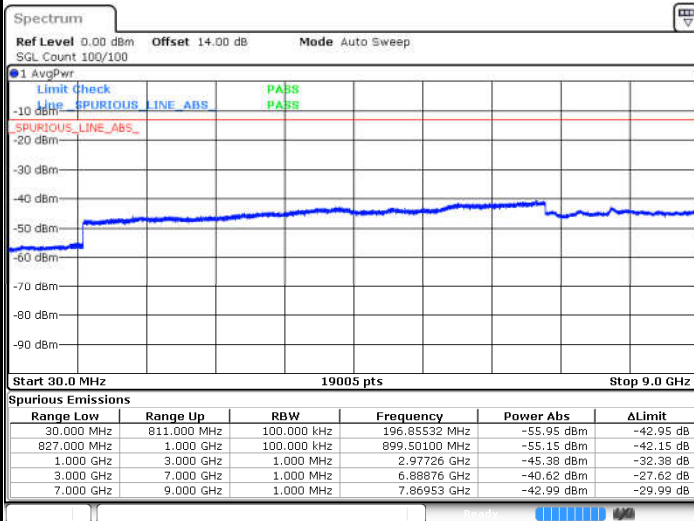
Date: 30.JAN.2018 22:13:12

Middle Channel / 16QAM



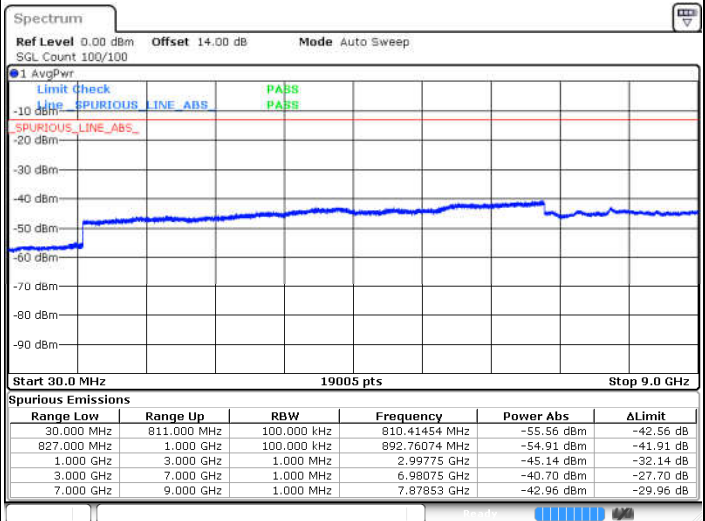
Date: 30.JAN.2018 22:14:05

Highest Channel / QPSK



Date: 30.JAN.2018 22:20:09

Highest Channel / 16QAM

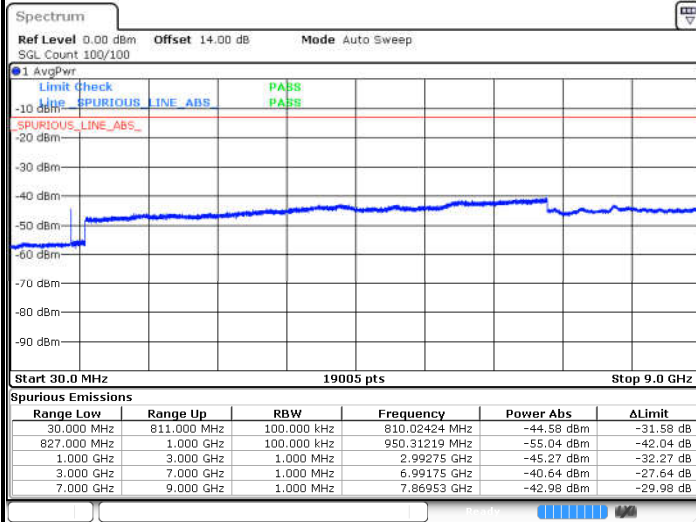


Date: 30.JAN.2018 22:21:03



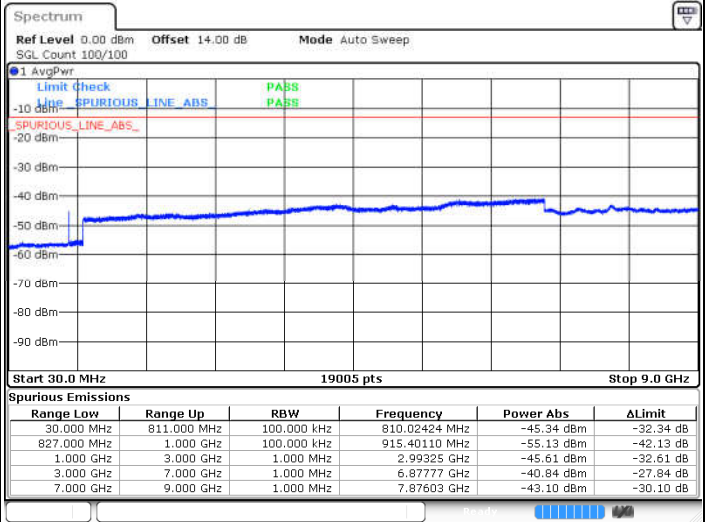
LTE Band 26 / 5MHz

Lowest Channel / QPSK



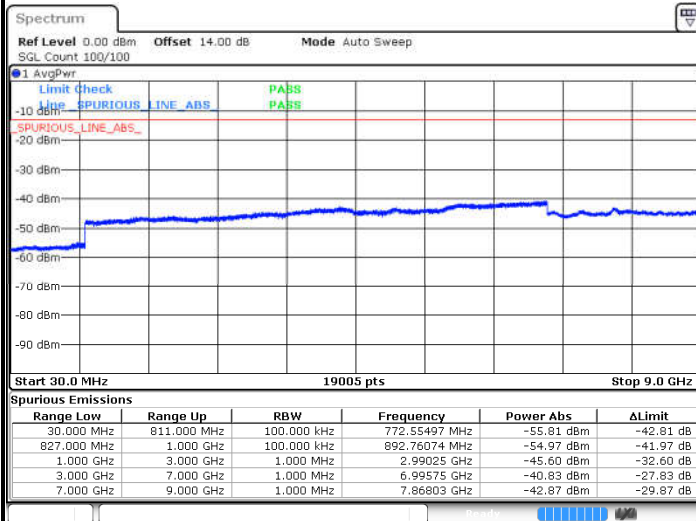
Date: 30.JAN.2018 22:27:06

Lowest Channel / 16QAM



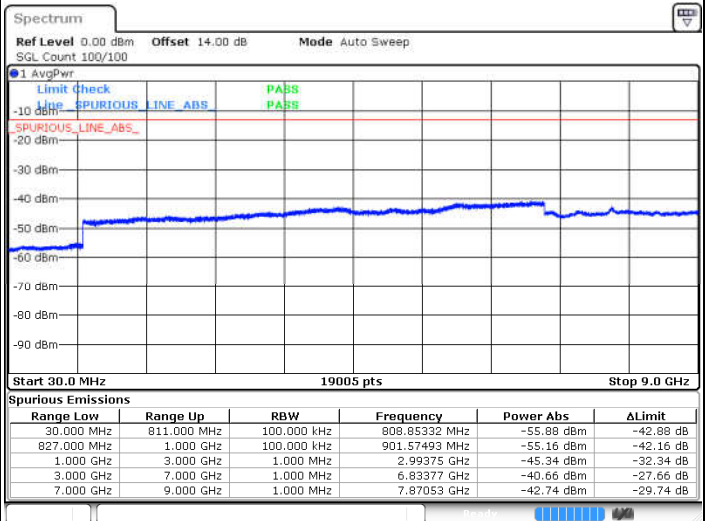
Date: 30.JAN.2018 22:27:59

Middle Channel / QPSK



Date: 30.JAN.2018 22:29:31

Middle Channel / 16QAM

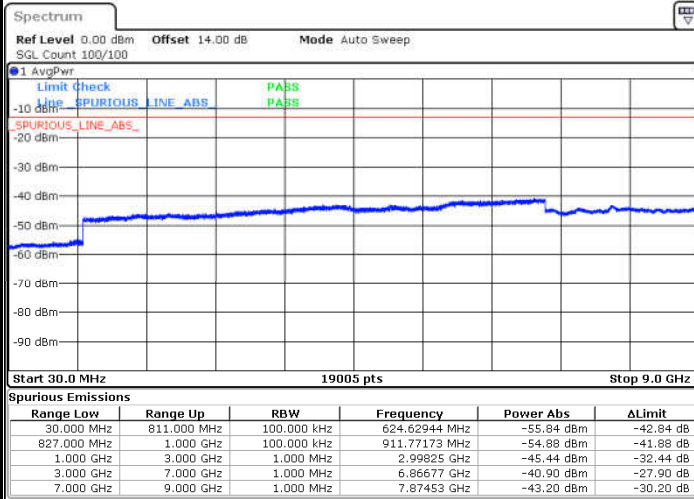


Date: 30.JAN.2018 22:30:24



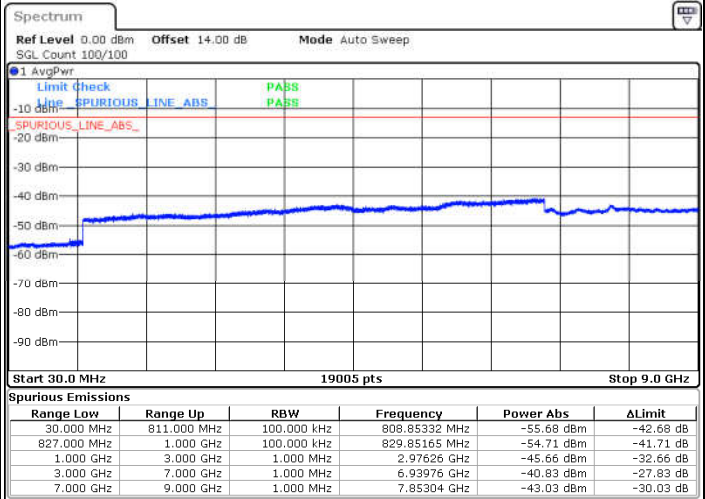
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 30.JAN.2018 22:36:28

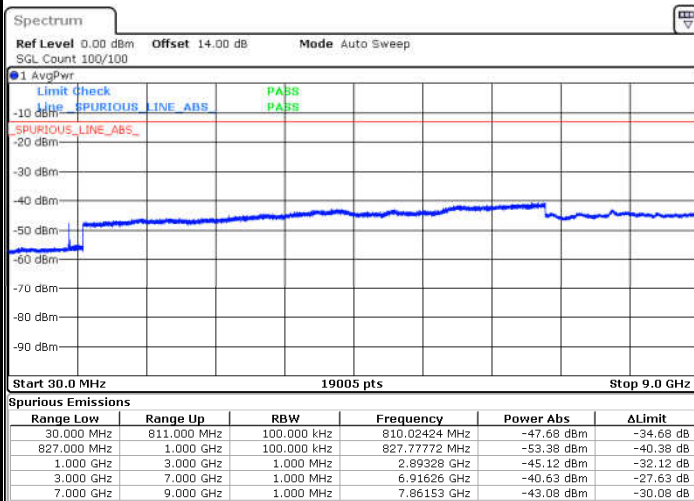
Highest Channel / 16QAM



Date: 30.JAN.2018 22:37:21

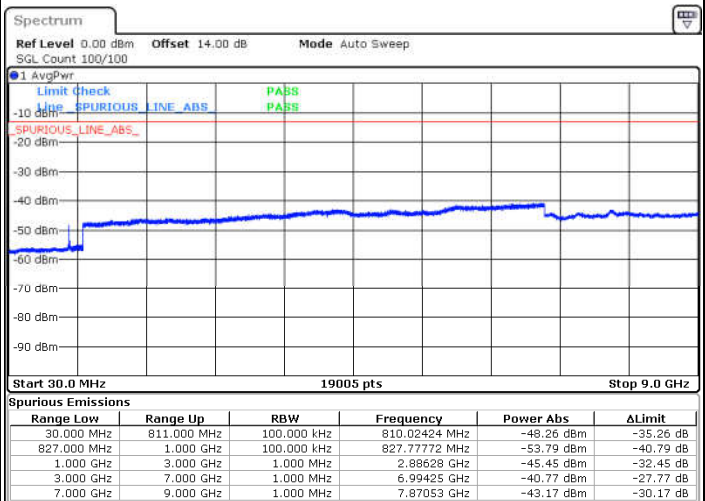
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 30.JAN.2018 22:38:53

Middle Channel / 16QAM

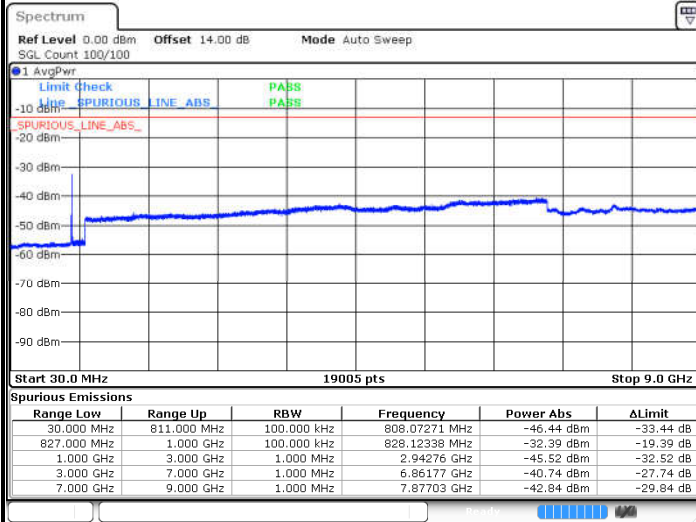


Date: 30.JAN.2018 22:39:46



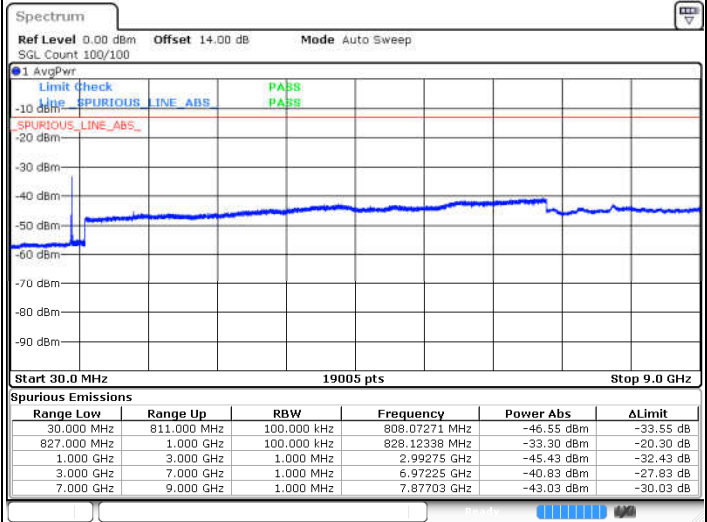
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 30 JAN 2018 23:04:36

Lowest Channel / 16QAM

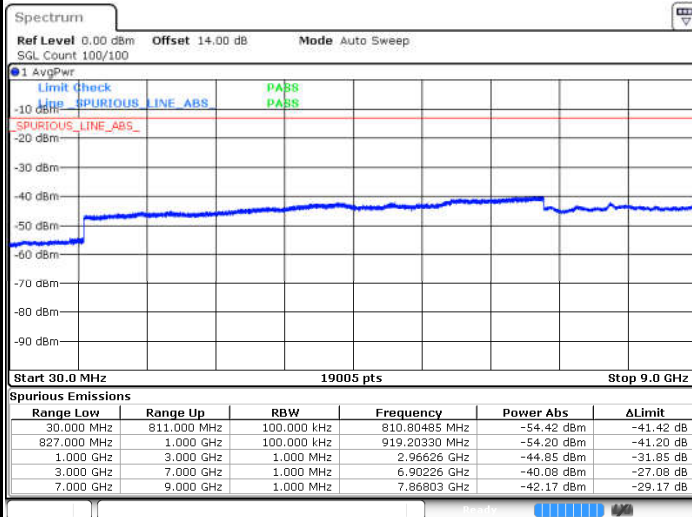


Date: 30 JAN 2018 23:05:29



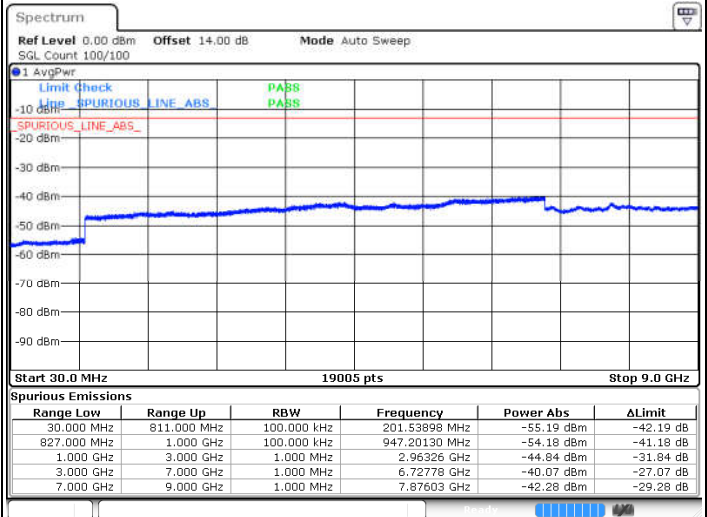
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



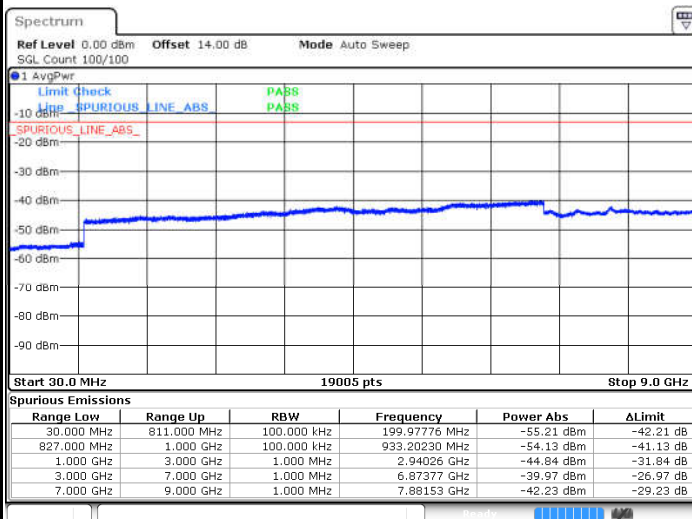
Date: 31.JAN.2018 20:23:03

Middle Channel / 64QAM



Date: 31.JAN.2018 20:24:16

Highest Channel / 64QAM

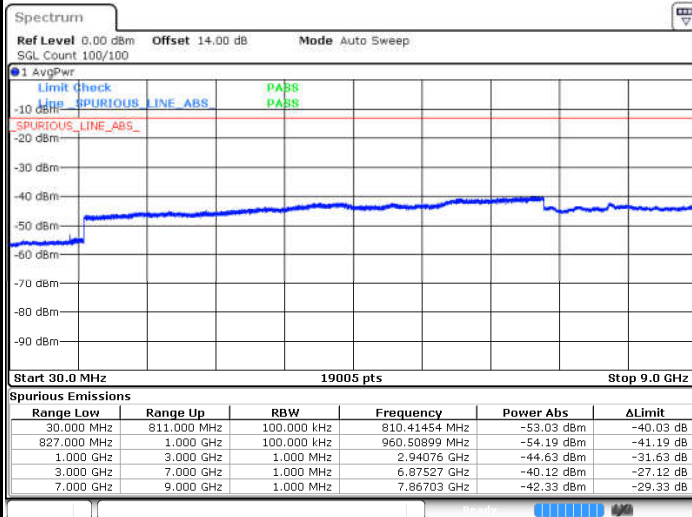


Date: 31.JAN.2018 20:27:44



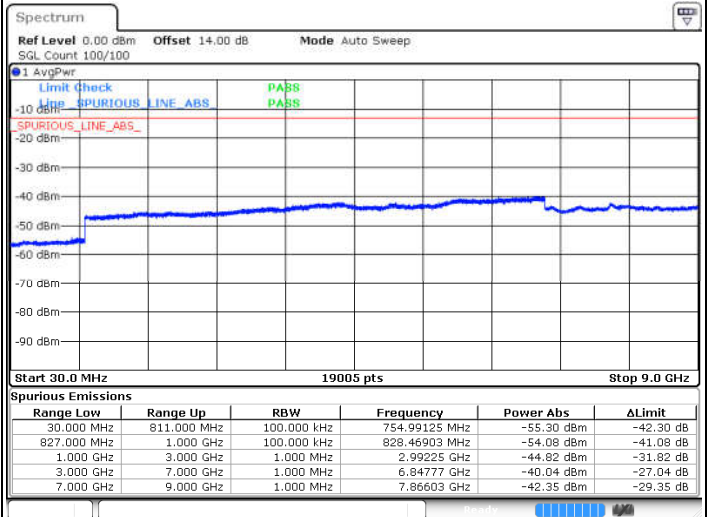
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



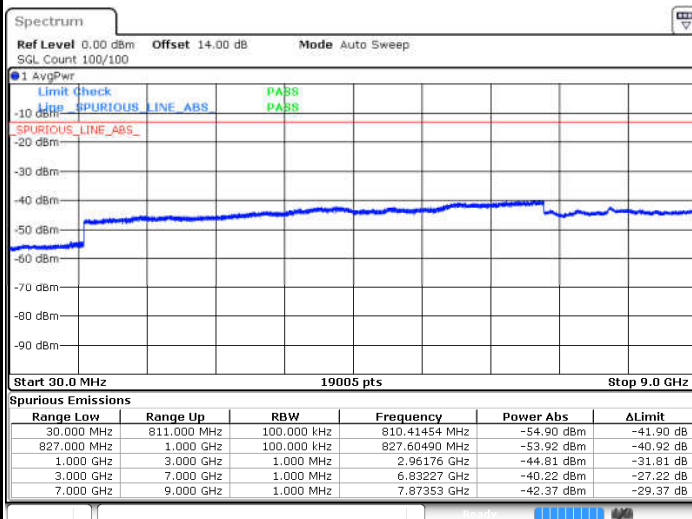
Date: 31.JAN.2018 20:31:13

Middle Channel / 64QAM



Date: 31.JAN.2018 20:32:25

Highest Channel / 64QAM

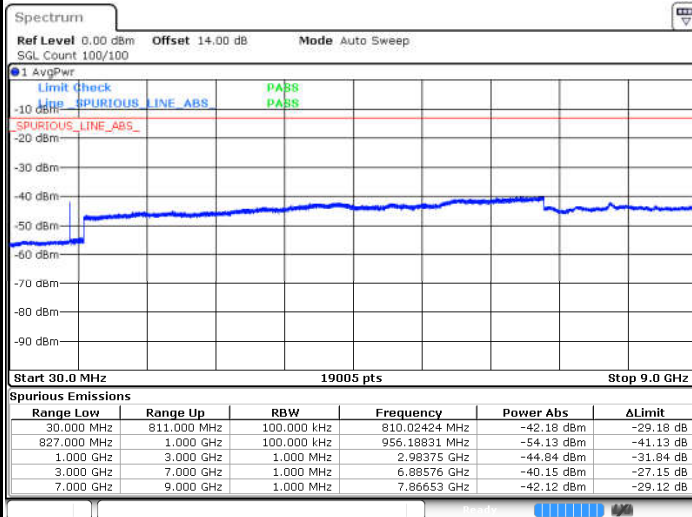


Date: 31.JAN.2018 20:35:54



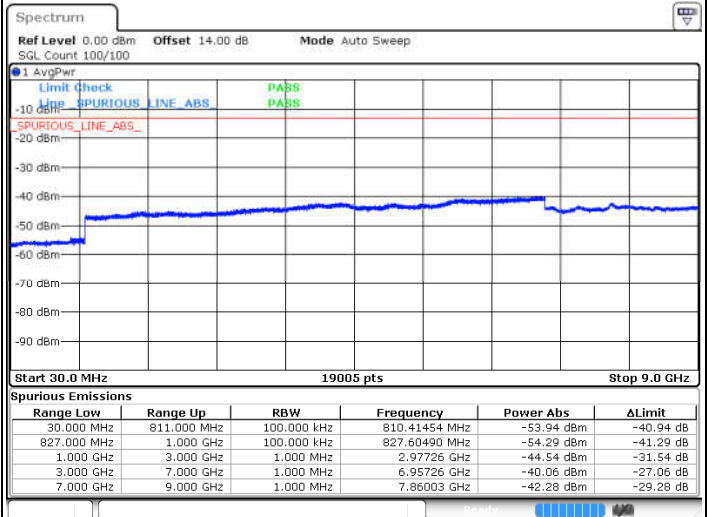
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



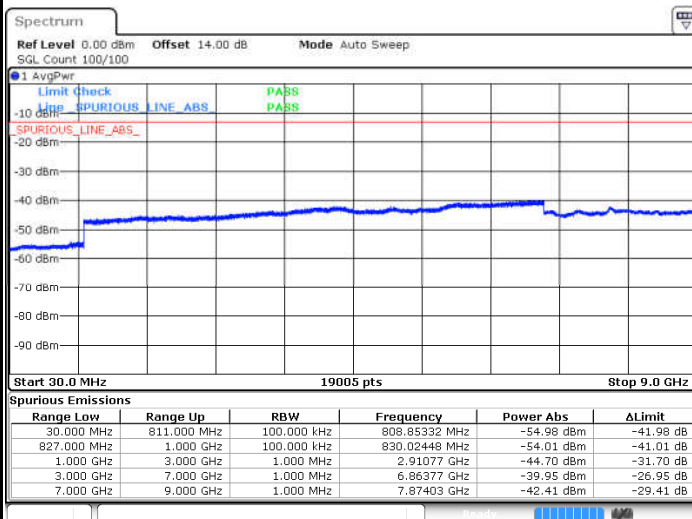
Date: 31.JAN.2018 20:39:22

Middle Channel / 64QAM



Date: 31.JAN.2018 20:40:35

Highest Channel / 64QAM

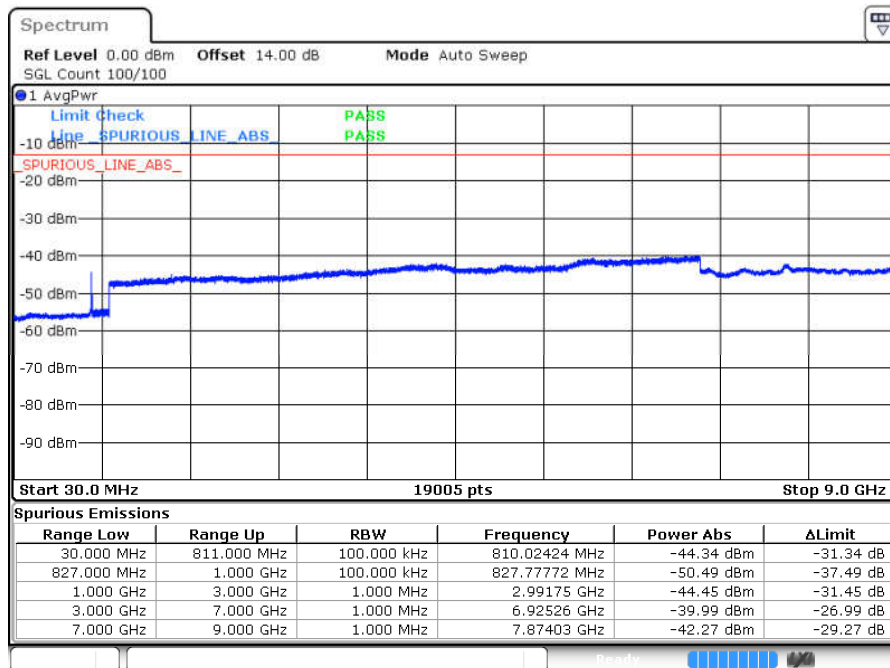


Date: 31.JAN.2018 20:44:03



LTE Band 26 / 10MHz

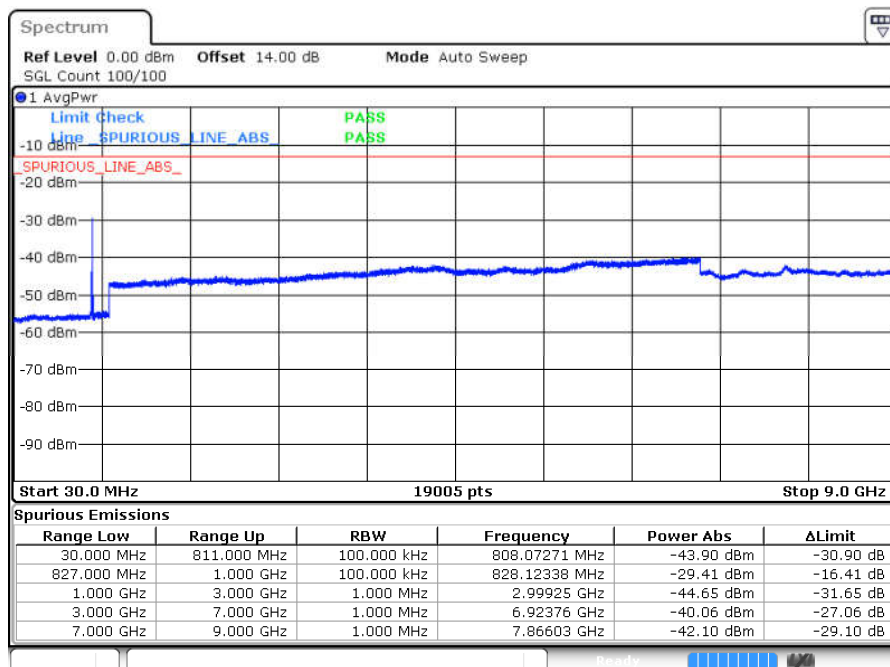
Middle Channel / 64QAM



Date: 31 JAN 2018 20:45:16

LTE Band 26 / 15MHz

Lowest Channel / 64QAM



Date: 31 JAN 2018 20:50:39

**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	0.0003	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note: Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.



Appendix B. Test Results of Radiated Test

For Top Antenna

LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	-62.41	-13	-49.41	-75.49	-65.64	3.98	9.36	H
	2442.21	-57.83	-13	-44.83	-76.46	-61.38	4.85	10.55	H
	3256.28	-56.44	-13	-43.44	-77.71	-61.37	5.50	12.58	H
	1628.14	-62.93	-13	-49.93	-75.49	-66.16	3.98	9.36	V
	2442.21	-56.91	-13	-43.91	-75.31	-60.46	4.85	10.55	V
	3256.28	-56.88	-13	-43.88	-77.80	-61.81	5.50	12.58	V
Middle	1636.74	-62.69	-13	-49.69	-75.77	-65.94	4.00	9.40	H
	2455.11	-57.59	-13	-44.59	-76.20	-61.16	4.88	10.60	H
	3273.48	-56.51	-13	-43.51	-77.73	-61.44	5.52	12.60	H
	1636.74	-62.97	-13	-49.97	-75.53	-66.22	4.00	9.40	V
	2455.11	-57.00	-13	-44.00	-75.40	-60.57	4.88	10.60	V
	3273.48	-56.74	-13	-43.74	-77.59	-61.67	5.52	12.60	V
Highest	1645.74	-62.18	-13	-49.18	-75.44	-65.35	4.10	9.42	H
	2468.61	-57.87	-13	-44.87	-76.60	-61.45	4.90	10.63	H
	3291.48	-56.45	-13	-43.45	-77.60	-61.37	5.55	12.62	H
	1645.74	-62.89	-13	-49.89	-75.63	-66.06	4.10	9.42	V
	2468.61	-57.17	-13	-44.17	-75.69	-60.75	4.90	10.63	V
	3291.48	-56.82	-13	-43.82	-77.58	-61.74	5.55	12.62	V

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



LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-62.37	-13	-49.37	-75.45	-65.60	3.98	9.36	H
	2442.45	-57.99	-13	-44.99	-76.62	-61.54	4.85	10.55	H
	3256.6	-56.22	-13	-43.22	-77.49	-61.15	5.50	12.58	H
	1628.3	-62.98	-13	-49.98	-75.54	-66.21	3.98	9.36	V
	2442.45	-57.00	-13	-44.00	-75.40	-60.55	4.85	10.55	V
	3256.6	-56.62	-13	-43.62	-77.54	-61.55	5.50	12.58	V
Middle	1635.3	-62.39	-13	-49.39	-75.47	-65.64	4.00	9.40	H
	2452.95	-57.98	-13	-44.98	-76.61	-61.55	4.88	10.60	H
	3270.6	-56.57	-13	-43.57	-77.79	-61.50	5.52	12.60	H
	1635.3	-62.87	-13	-49.87	-75.43	-66.12	4.00	9.40	V
	2452.95	-57.08	-13	-44.08	-75.48	-60.65	4.88	10.60	V
	3270.6	-56.93	-13	-43.93	-77.78	-61.86	5.52	12.60	V
Highest	1642.3	-61.99	-13	-48.99	-75.25	-65.16	4.10	9.42	H
	2463.45	-57.79	-13	-44.79	-76.40	-61.37	4.90	10.63	H
	3284.6	-56.20	-13	-43.20	-77.40	-61.12	5.55	12.62	H
	1642.3	-62.74	-13	-49.74	-75.48	-65.91	4.10	9.42	V
	2463.45	-57.34	-13	-44.34	-75.74	-60.92	4.90	10.63	V
	3284.6	-56.50	-13	-43.50	-77.33	-61.42	5.55	12.62	V

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



LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1628.5	-62.42	-13	-49.42	-75.50	-65.65	3.98	9.36	H
	2442.75	-57.81	-13	-44.81	-76.44	-61.36	4.85	10.55	H
	3257	-56.79	-13	-43.79	-78.05	-61.72	5.50	12.58	H
	1628.5	-63.22	-13	-50.22	-75.78	-66.45	3.98	9.36	V
	2442.75	-56.88	-13	-43.88	-75.28	-60.43	4.85	10.55	V
	3257	-57.00	-13	-44.00	-77.91	-61.93	5.50	12.58	V
Middle	1633.5	-62.26	-13	-49.26	-75.34	-65.51	4.00	9.40	H
	2450.25	-57.73	-13	-44.73	-76.36	-61.30	4.88	10.60	H
	3267	-56.15	-13	-43.15	-77.41	-61.08	5.52	12.60	H
	1633.5	-62.90	-13	-49.90	-75.46	-66.15	4.00	9.40	V
	2450.25	-56.77	-13	-43.77	-75.17	-60.34	4.88	10.60	V
	3267	-56.41	-13	-43.41	-77.32	-61.34	5.52	12.60	V
Highest	1638.5	-62.67	-13	-49.67	-75.93	-65.84	4.10	9.42	H
	2457.75	-57.83	-13	-44.83	-76.44	-61.41	4.90	10.63	H
	3277	-56.32	-13	-43.32	-77.54	-61.24	5.55	12.62	H
	1638.5	-62.96	-13	-49.96	-75.70	-66.13	4.10	9.42	V
	2457.75	-57.30	-13	-44.30	-75.70	-60.88	4.90	10.63	V
	3277	-57.03	-13	-44.03	-77.88	-61.95	5.55	12.62	V

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

LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-62.42	-13	-49.42	-75.50	-65.67	4.00	9.40	H
	2443.5	-57.91	-13	-44.91	-76.54	-61.48	4.88	10.60	H
	3258	-56.05	-13	-43.05	-77.31	-60.98	5.52	12.60	H
	1629	-62.78	-13	-49.78	-75.34	-66.03	4.00	9.40	V
	2443.5	-55.12	-13	-42.12	-73.52	-58.69	4.88	10.60	V
	3258	-56.52	-13	-43.52	-77.43	-61.45	5.52	12.60	V

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



For Bottom Antenna

LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	-62.06	-13	-49.06	-75.14	-65.29	3.98	9.36	H
	2442.21	-54.67	-13	-41.67	-73.19	-58.22	4.85	10.55	H
	3256.28	-55.21	-13	-42.21	-76.48	-60.14	5.50	12.58	H
	1628.14	-62.71	-13	-49.71	-75.27	-65.94	3.98	9.36	V
	2442.21	-57.65	-13	-44.65	-76.05	-61.20	4.85	10.55	V
	3256.28	-56.02	-13	-43.02	-76.94	-60.95	5.50	12.58	V
Middle	1636.74	-61.48	-13	-48.48	-74.56	-64.73	4.00	9.40	H
	2455.11	-56.59	-13	-43.59	-75.20	-60.16	4.88	10.60	H
	3273.48	-55.35	-13	-42.35	-76.57	-60.28	5.52	12.60	H
	1636.74	-62.54	-13	-49.54	-75.10	-65.79	4.00	9.40	V
	2455.11	-57.75	-13	-44.75	-76.15	-61.32	4.88	10.60	V
	3273.48	-55.68	-13	-42.68	-76.53	-60.61	5.52	12.60	V
Highest	1645.74	-61.73	-13	-48.73	-74.99	-64.90	4.10	9.42	H
	2468.61	-56.43	-13	-43.43	-75.16	-60.01	4.90	10.63	H
	3291.48	-55.63	-13	-42.63	-76.78	-60.55	5.55	12.62	H
	1645.74	-62.32	-13	-49.32	-75.06	-65.49	4.10	9.42	V
	2468.61	-57.44	-13	-44.44	-75.96	-61.02	4.90	10.63	V
	3291.48	-56.20	-13	-43.20	-76.96	-61.12	5.55	12.62	V

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



LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-61.96	-13	-48.96	-75.04	-65.19	3.98	9.36	H
	2442.45	-55.61	-13	-42.61	-74.24	-59.16	4.85	10.55	H
	3256.6	-55.83	-13	-42.83	-77.10	-60.76	5.50	12.58	H
	1628.3	-62.71	-13	-49.71	-75.27	-65.94	3.98	9.36	V
	2442.45	-57.78	-13	-44.78	-76.18	-61.33	4.85	10.55	V
	3256.6	-55.86	-13	-42.86	-76.78	-60.79	5.50	12.58	V
Middle	1635.3	-62.26	-13	-49.26	-75.34	-65.51	4.00	9.40	H
	2452.95	-56.47	-13	-43.47	-75.10	-60.04	4.88	10.60	H
	3270.6	-55.61	-13	-42.61	-76.83	-60.54	5.52	12.60	H
	1635.3	-62.74	-13	-49.74	-75.30	-65.99	4.00	9.40	V
	2452.95	-57.92	-13	-44.92	-76.32	-61.49	4.88	10.60	V
	3270.6	-56.15	-13	-43.15	-77.00	-61.08	5.52	12.60	V
Highest	1642.3	-61.49	-13	-48.49	-74.75	-64.66	4.10	9.42	H
	2463.45	-56.84	-13	-43.84	-75.45	-60.42	4.90	10.63	H
	3284.6	-55.81	-13	-42.81	-77.01	-60.73	5.55	12.62	H
	1642.3	-62.81	-13	-49.81	-75.55	-65.98	4.10	9.42	V
	2463.45	-58.10	-13	-45.10	-76.50	-61.68	4.90	10.63	V
	3284.6	-56.20	-13	-43.20	-77.03	-61.12	5.55	12.62	V

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



LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1628.5	-62.20	-13	-49.20	-75.28	-65.43	3.98	9.36	H
	2442.75	-57.30	-13	-44.30	-75.93	-60.85	4.85	10.55	H
	3257	-55.53	-13	-42.53	-76.79	-60.46	5.50	12.58	H
	1628.5	-62.73	-13	-49.73	-75.29	-65.96	3.98	9.36	V
	2442.75	-57.76	-13	-44.76	-76.16	-61.31	4.85	10.55	V
	3257	-56.01	-13	-43.01	-76.92	-60.94	5.50	12.58	V
Middle	1633.5	-62.17	-13	-49.17	-75.25	-65.42	4.00	9.40	H
	2450.25	-57.65	-13	-44.65	-76.28	-61.22	4.88	10.60	H
	3267	-55.66	-13	-42.66	-76.92	-60.59	5.52	12.60	H
	1633.5	-62.97	-13	-49.97	-75.53	-66.22	4.00	9.40	V
	2450.25	-57.96	-13	-44.96	-76.36	-61.53	4.88	10.60	V
	3267	-55.89	-13	-42.89	-76.80	-60.82	5.52	12.60	V
Highest	1638.5	-62.22	-13	-49.22	-75.48	-65.39	4.10	9.42	H
	2457.75	-57.58	-13	-44.58	-76.19	-61.16	4.90	10.63	H
	3277	-55.53	-13	-42.53	-76.75	-60.45	5.55	12.62	H
	1638.5	-62.82	-13	-49.82	-75.56	-65.99	4.10	9.42	V
	2457.75	-57.93	-13	-44.93	-76.33	-61.51	4.90	10.63	V
	3277	-56.36	-13	-43.36	-77.21	-61.28	5.55	12.62	V

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

LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-62.03	-13	-49.03	-75.11	-65.28	4.00	9.40	H
	2443.5	-57.14	-13	-44.14	-75.77	-60.71	4.88	10.60	H
	3258	-55.66	-13	-42.66	-76.92	-60.59	5.52	12.60	H
	1629	-62.74	-13	-49.74	-75.30	-65.99	4.00	9.40	V
	2443.5	-57.84	-13	-44.84	-76.24	-61.41	4.88	10.60	V
	3258	-55.93	-13	-42.93	-76.84	-60.86	5.52	12.60	V

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