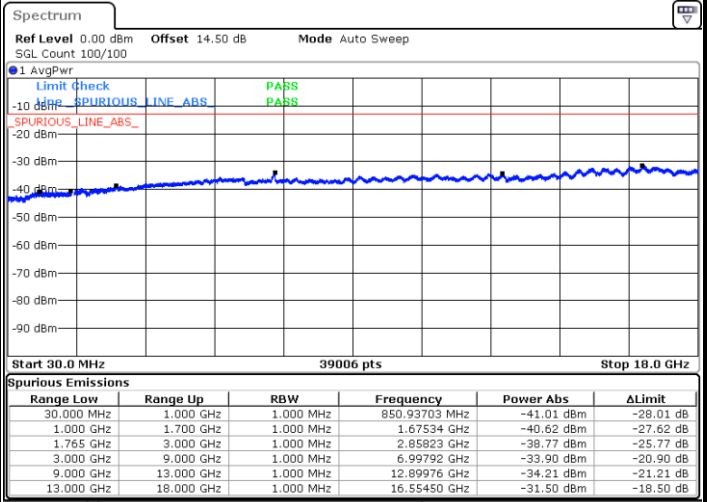
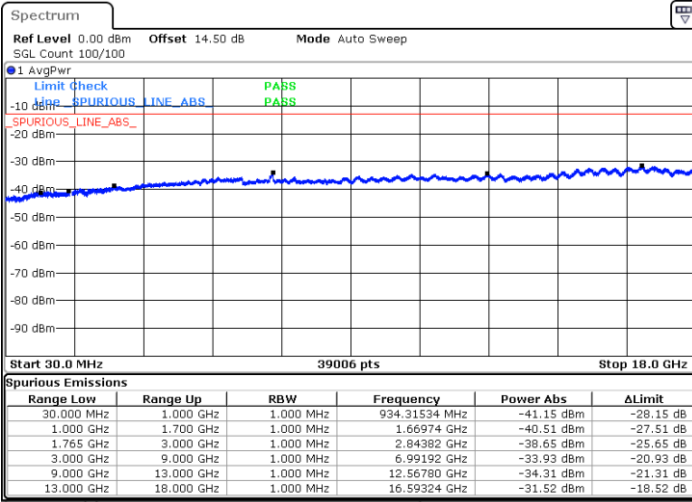




LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

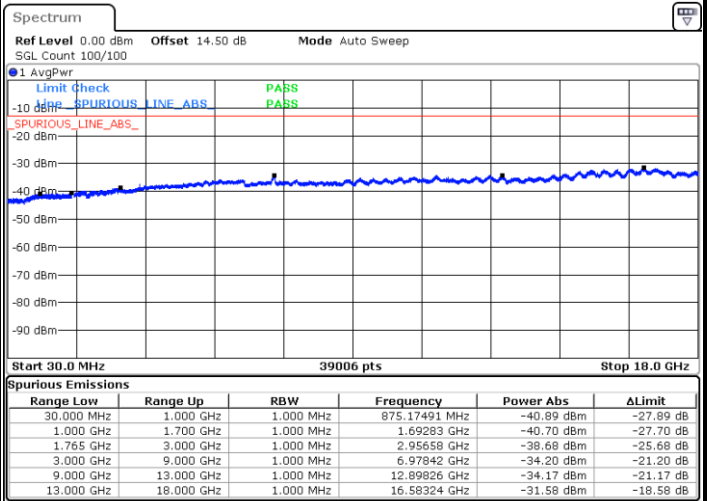
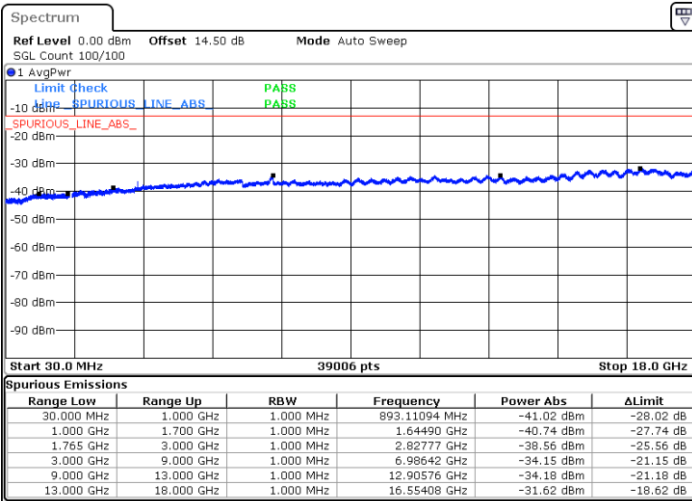


Date: 13.DEC.2017 12:53:48

Date: 13.DEC.2017 12:54:44

Middle Channel / QPSK

Middle Channel / 16QAM



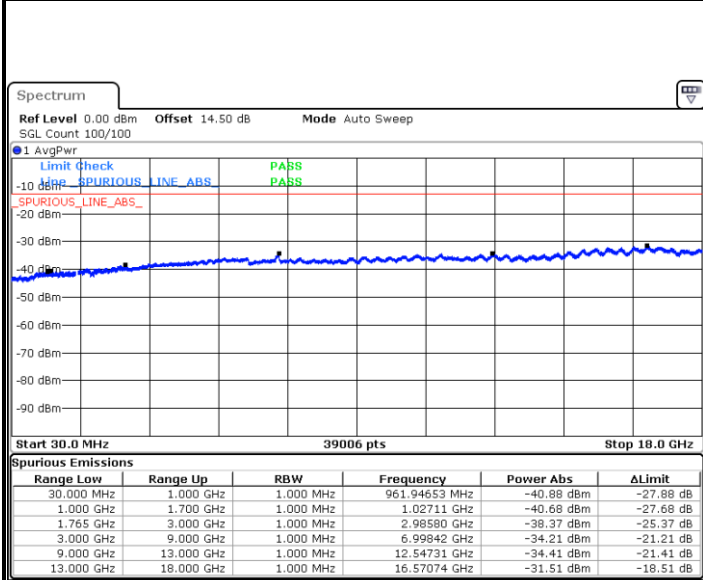
Date: 13.DEC.2017 12:56:20

Date: 13.DEC.2017 12:57:16



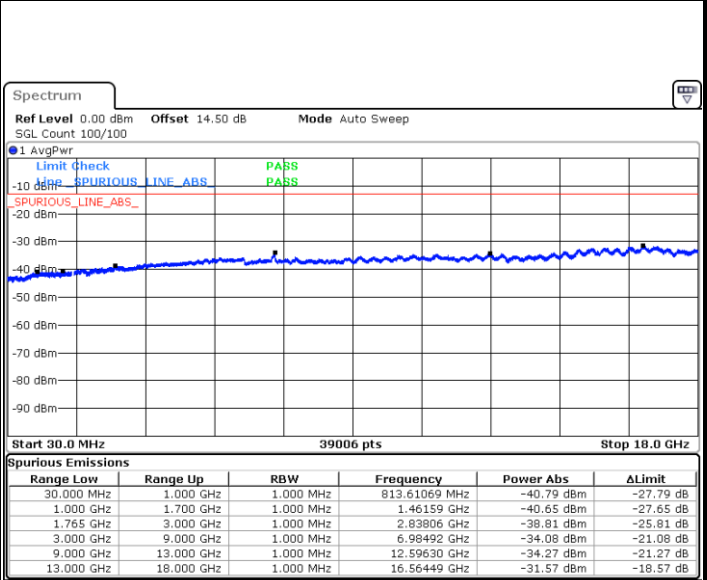
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 13.DEC.2017 13:03:31

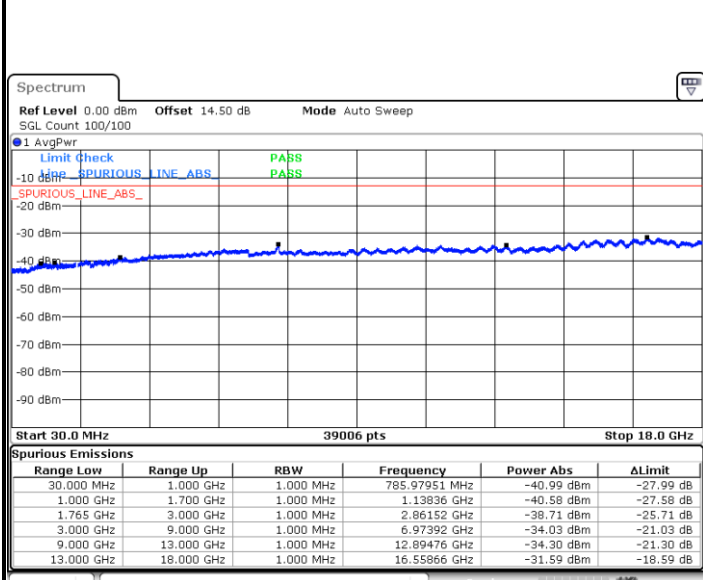
Highest Channel / 16QAM



Date: 13.DEC.2017 13:04:27

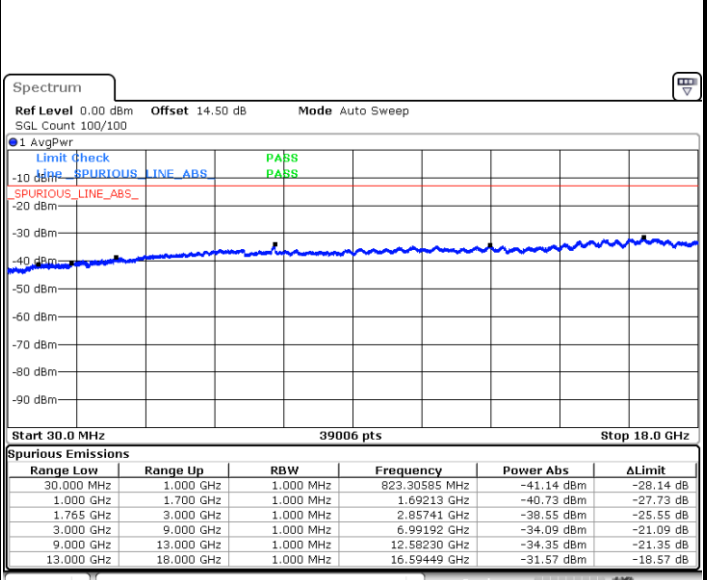
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 13.DEC.2017 13:10:41

Lowest Channel / 16QAM



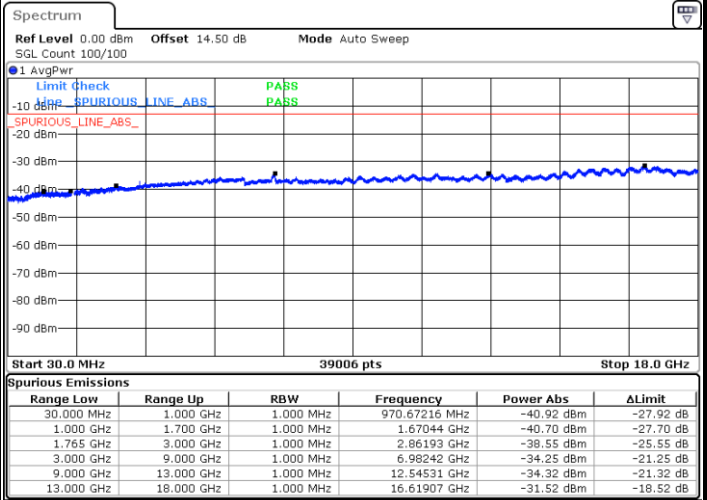
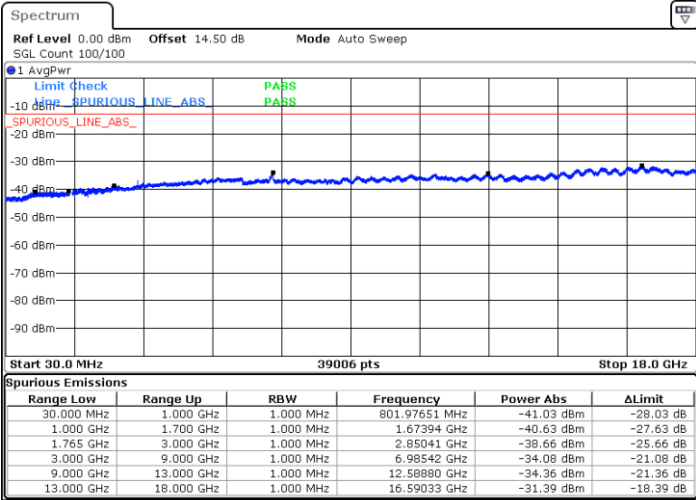
Date: 13.DEC.2017 13:11:37



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

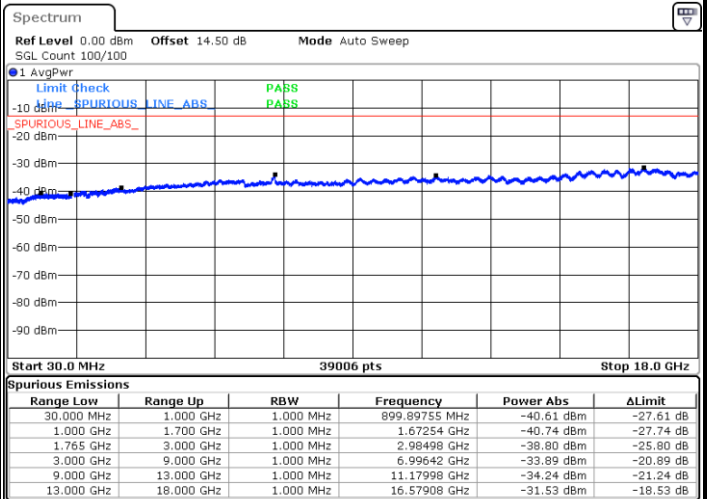
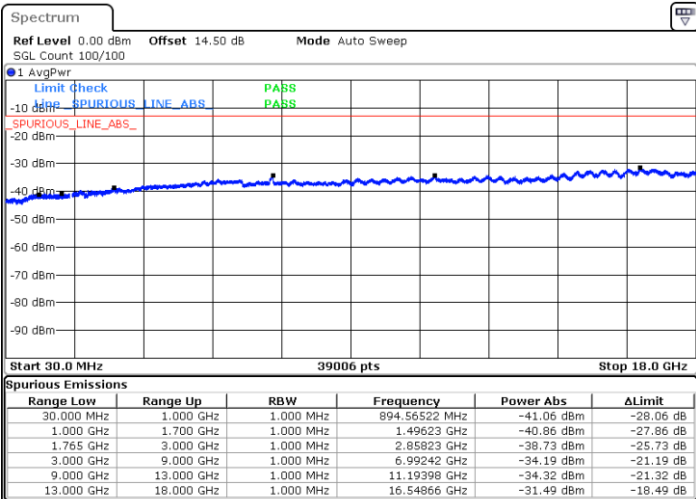


Date: 13.DEC.2017 13:13:13

Date: 13.DEC.2017 13:14:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 13.DEC.2017 13:20:24

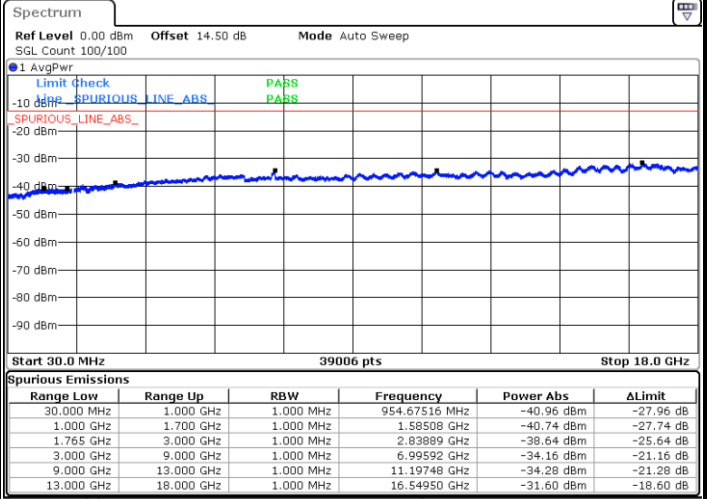
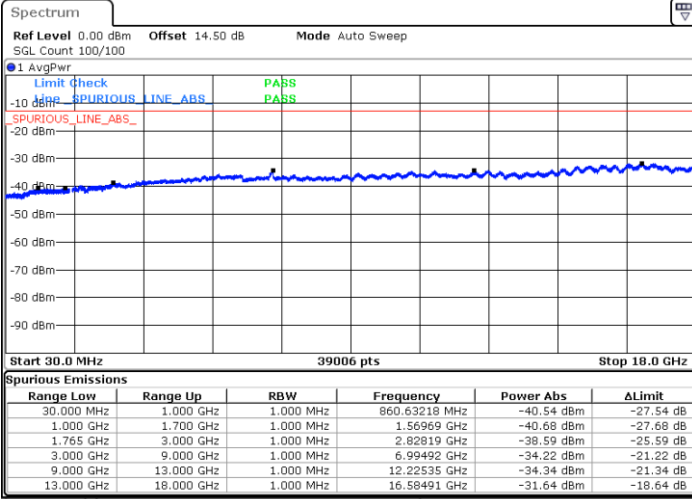
Date: 13.DEC.2017 13:21:20



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

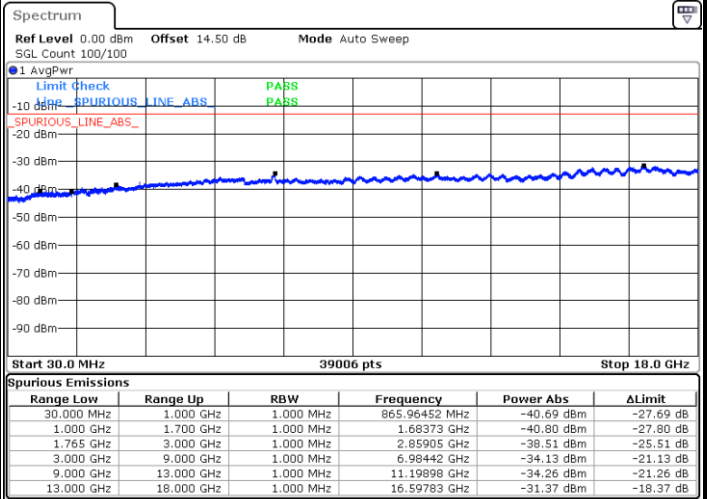
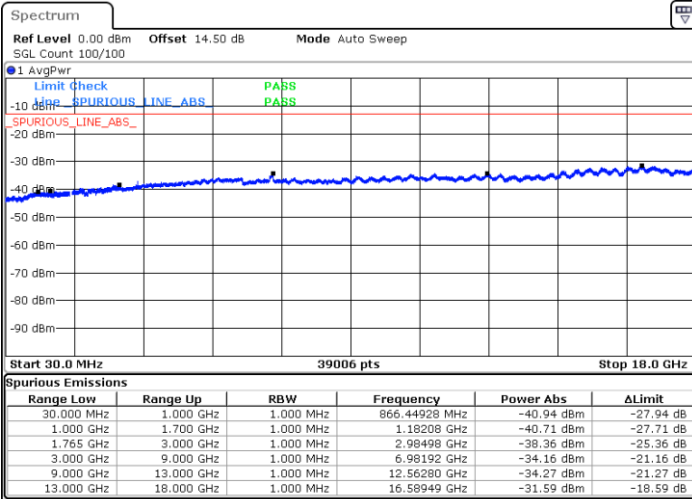


Date: 13.DEC.2017 13:27:34

Date: 13.DEC.2017 13:28:30

Middle Channel / QPSK

Middle Channel / 16QAM



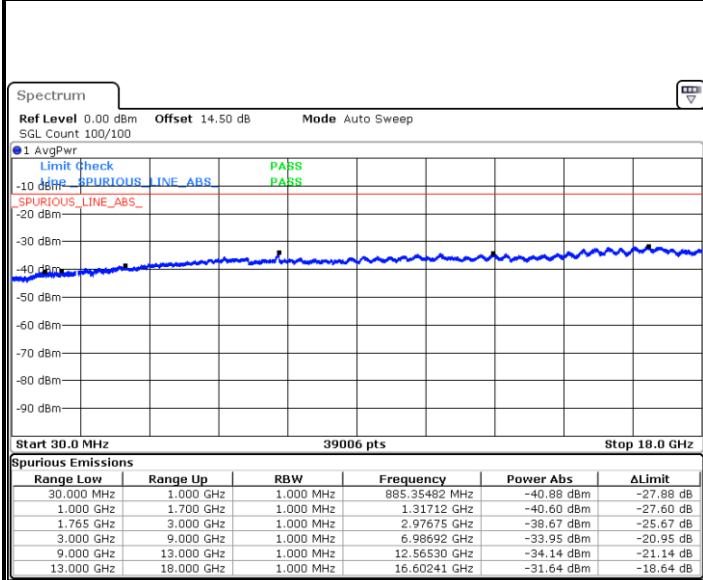
Date: 13.DEC.2017 13:30:06

Date: 13.DEC.2017 13:31:02



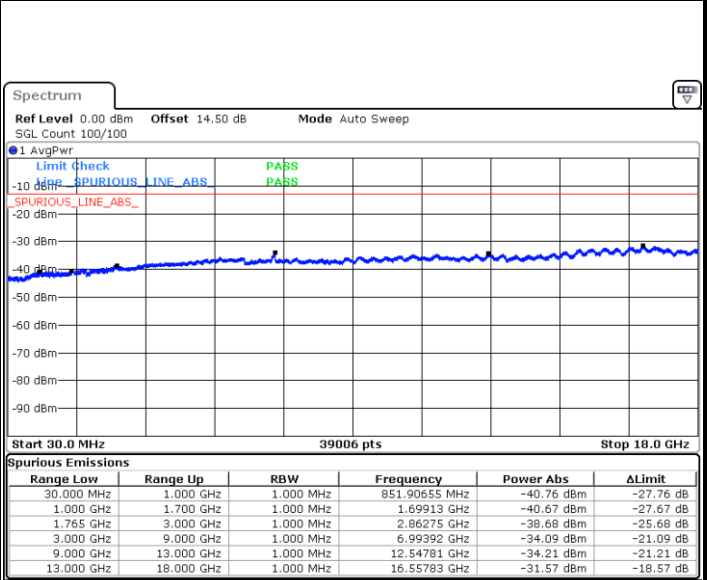
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 13.DEC.2017 13:37:17

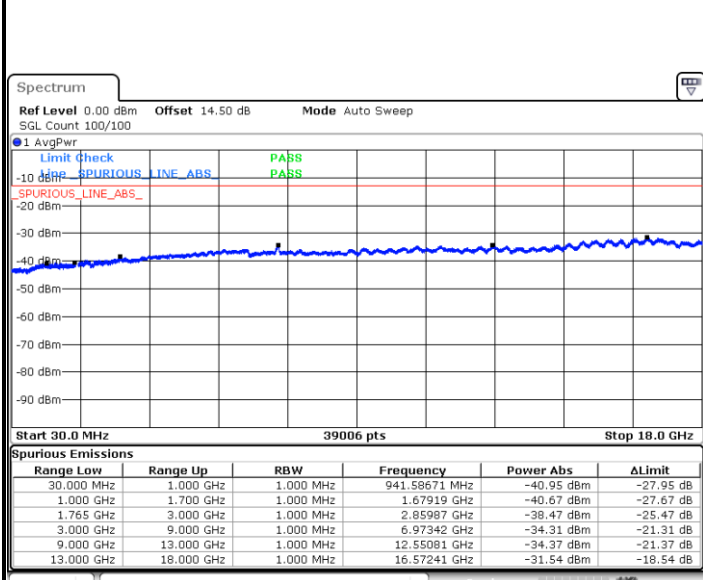
Highest Channel / 16QAM



Date: 13.DEC.2017 13:38:12

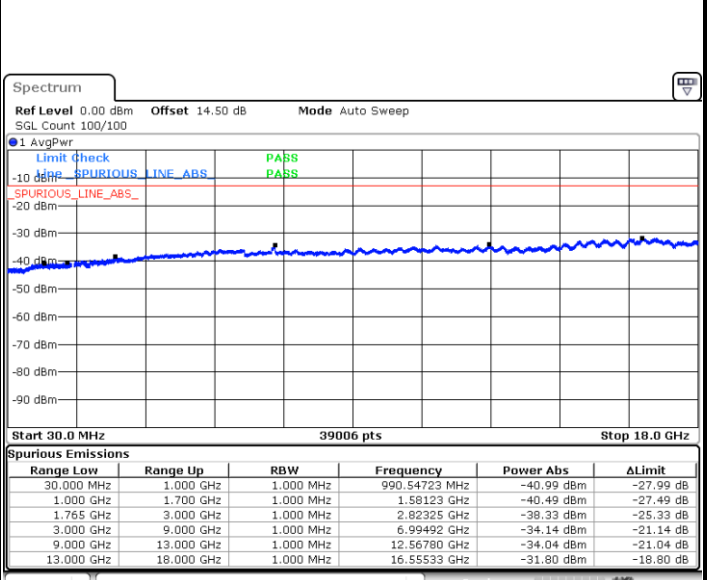
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 13.DEC.2017 13:44:26

Lowest Channel / 16QAM

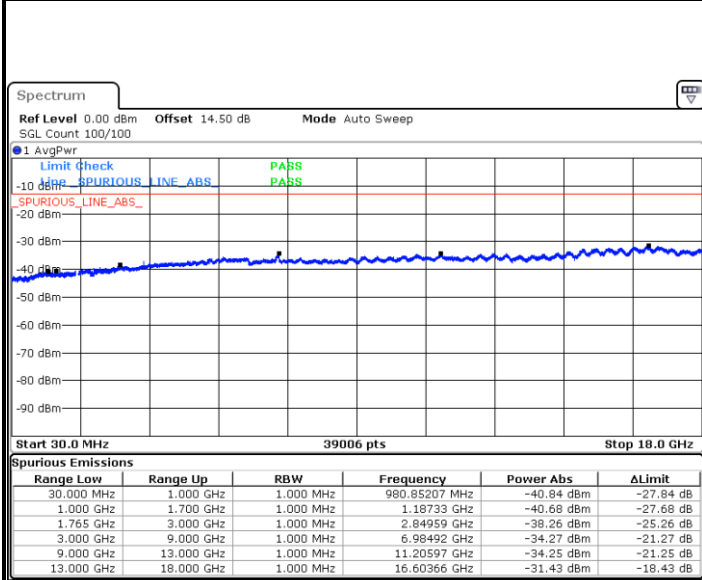


Date: 13.DEC.2017 13:45:22



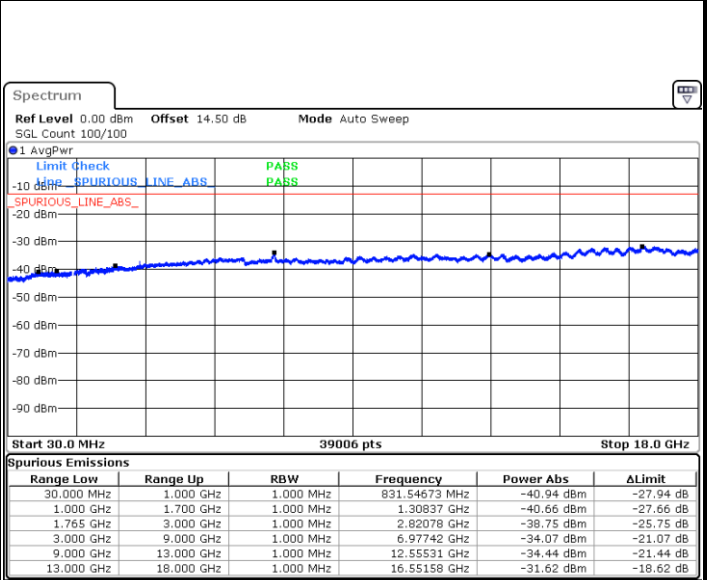
LTE Band 4 / 10MHz

Middle Channel / QPSK



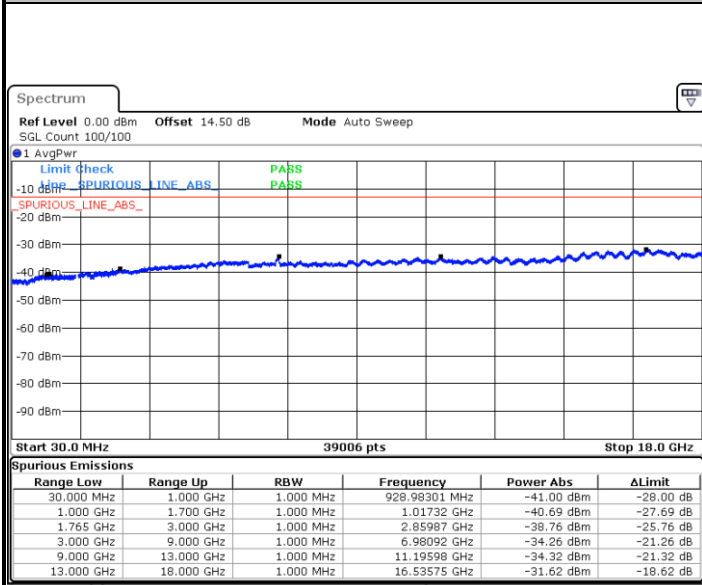
Date: 13.DEC.2017 13:46:59

Middle Channel / 16QAM



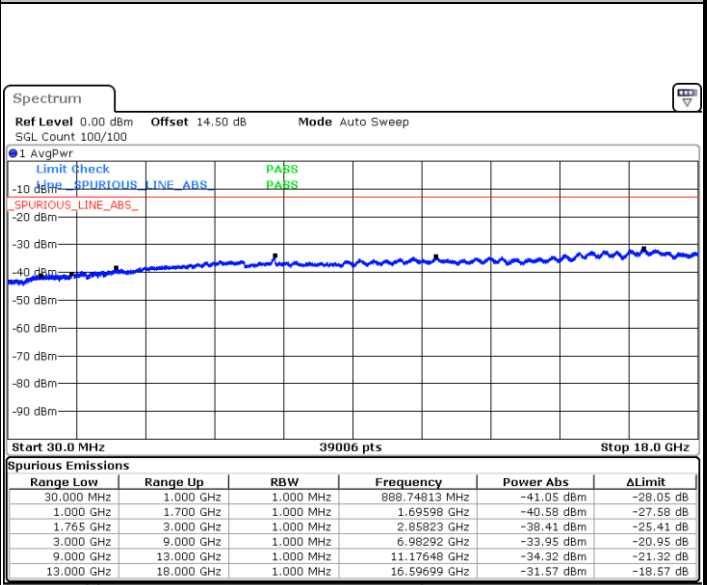
Date: 13.DEC.2017 13:47:55

Highest Channel / QPSK



Date: 13.DEC.2017 13:54:08

Highest Channel / 16QAM



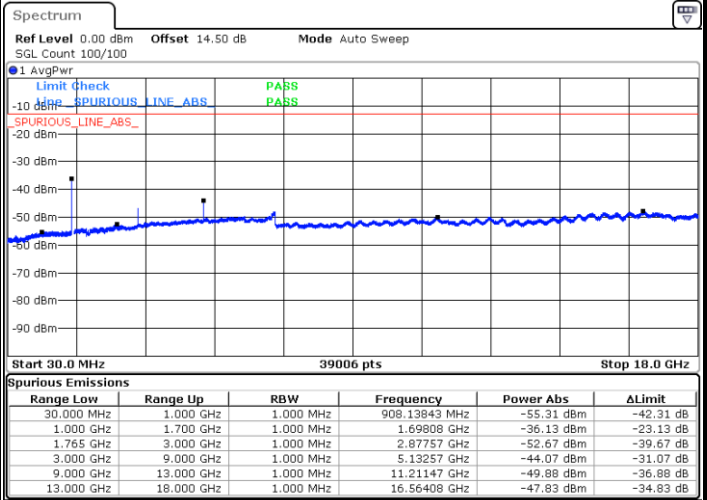
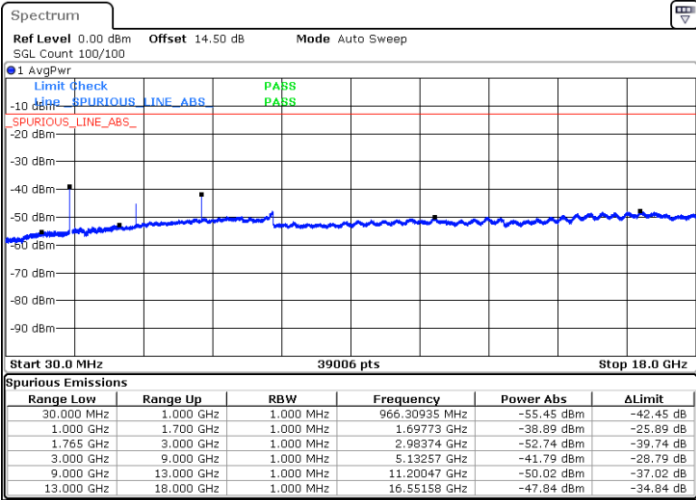
Date: 13.DEC.2017 13:55:04



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

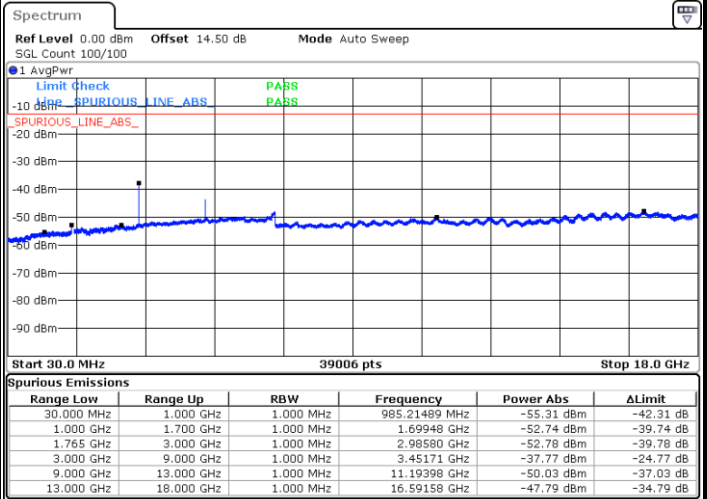
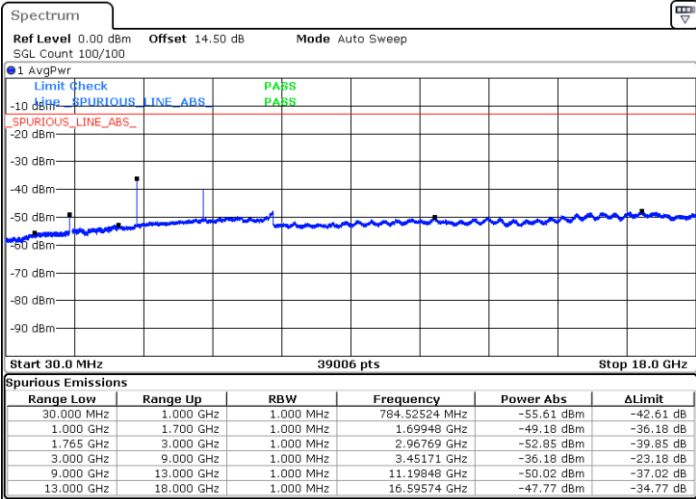


Date: 13.DEC.2017 14:01:19

Date: 13.DEC.2017 14:02:14

Middle Channel / QPSK

Middle Channel / 16QAM



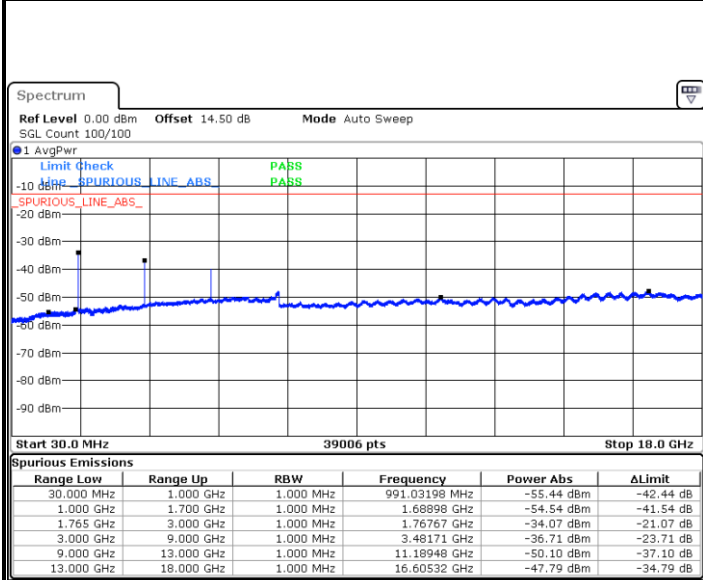
Date: 13.DEC.2017 14:03:51

Date: 13.DEC.2017 14:04:47



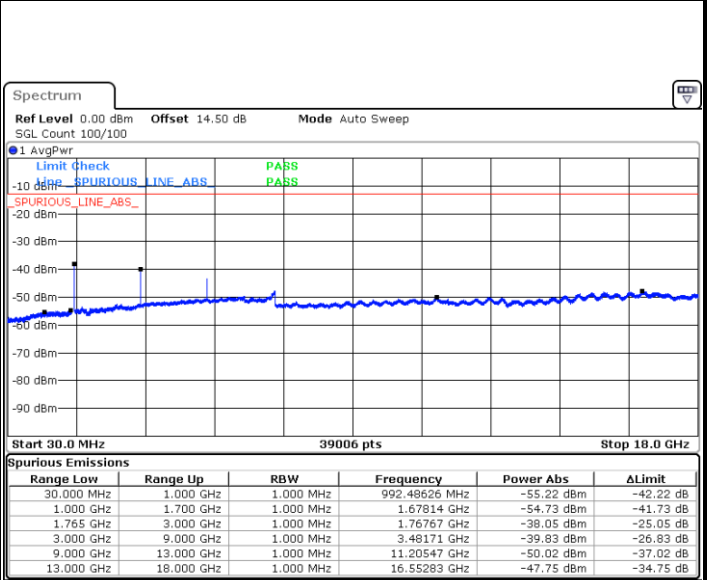
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 13.DEC.2017 14:11:01

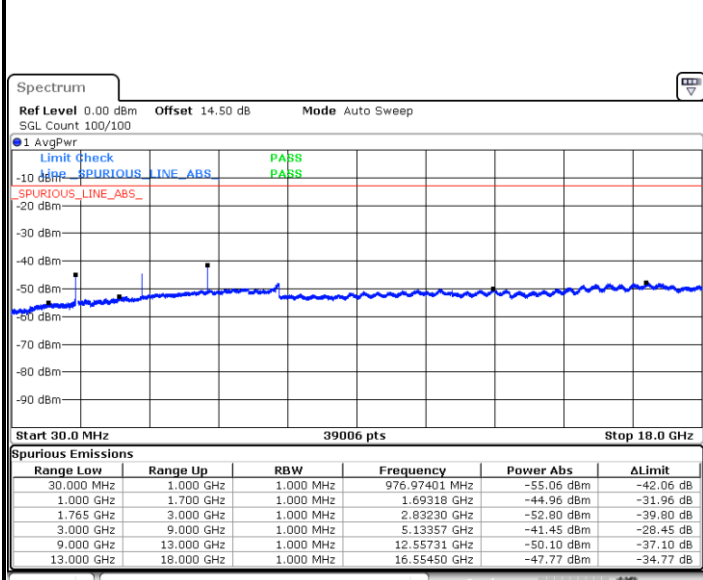
Highest Channel / 16QAM



Date: 13.DEC.2017 14:11:57

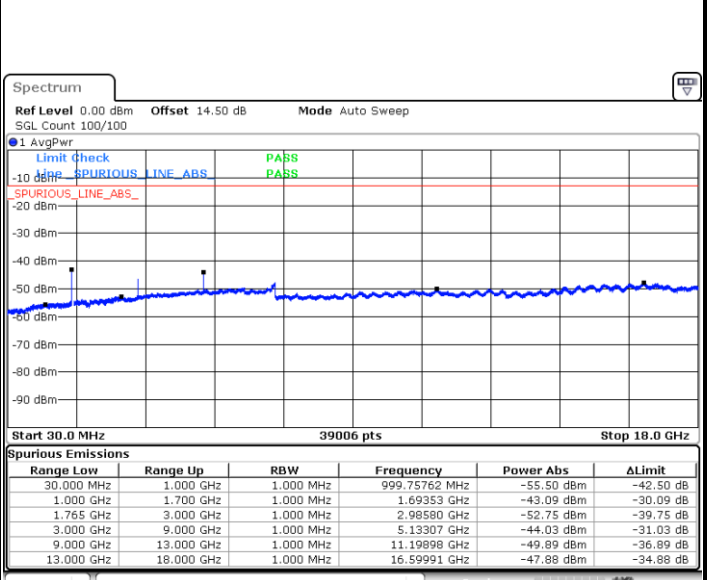
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 13.DEC.2017 14:18:11

Lowest Channel / 16QAM



Date: 13.DEC.2017 14:19:07

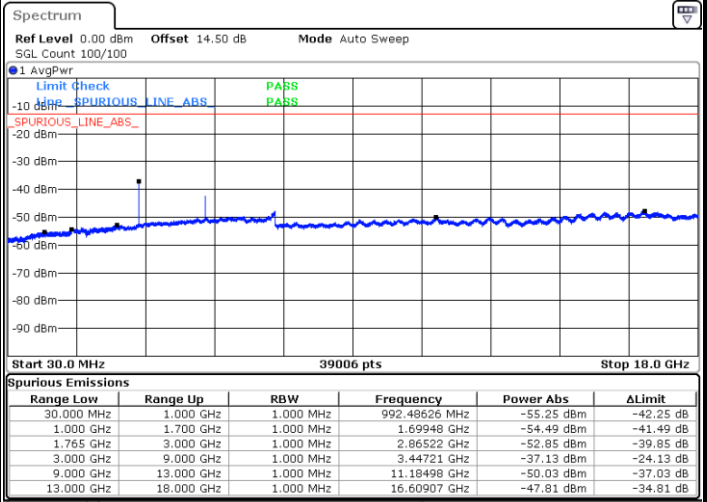
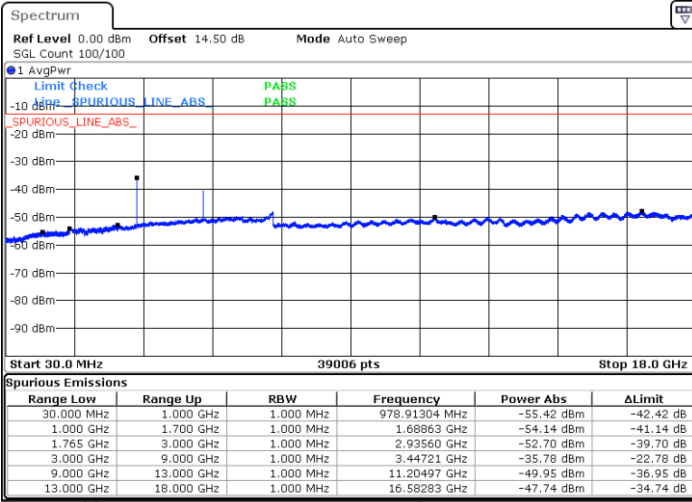




LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

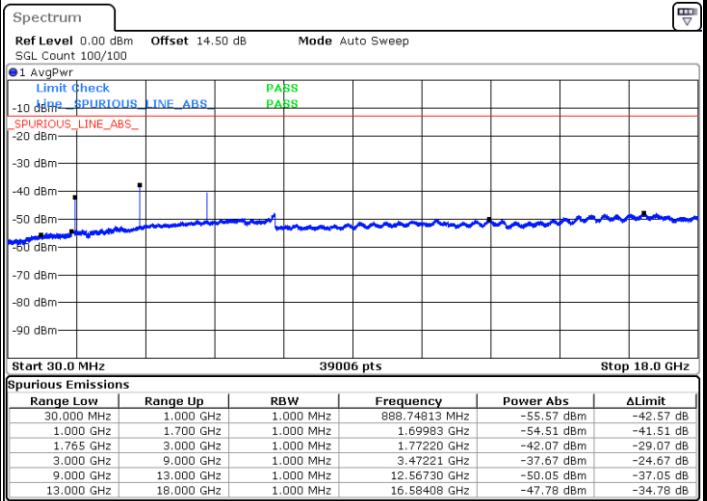
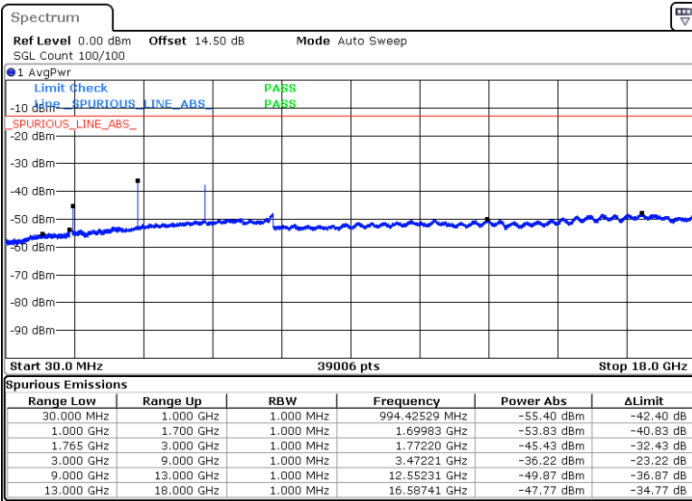


Date: 13.DEC.2017 14:20:45

Date: 13.DEC.2017 14:21:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 13.DEC.2017 14:27:57

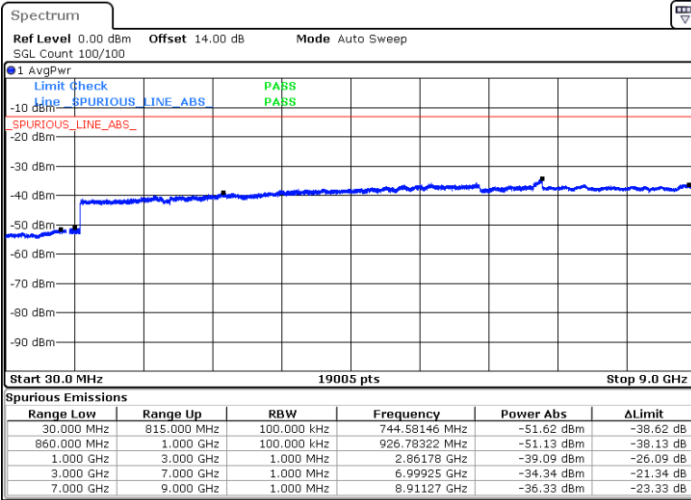
Date: 13.DEC.2017 14:28:53



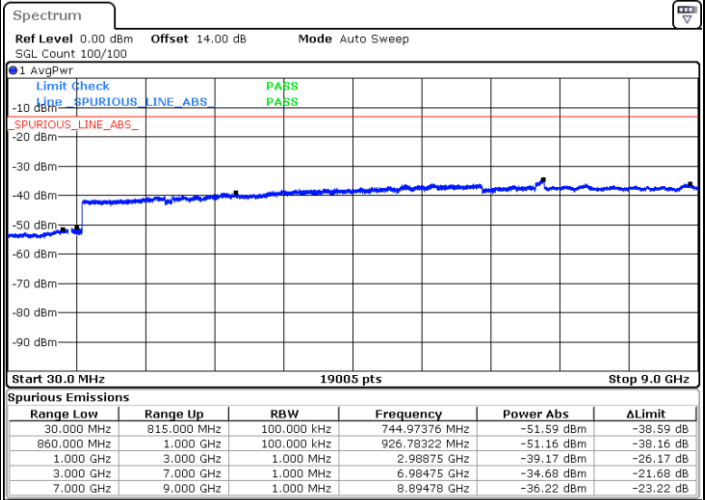
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



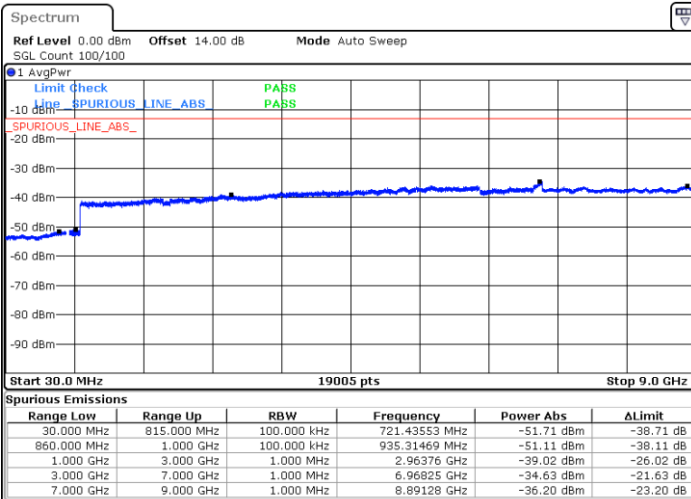
Date: 13.DEC.2017 17:31:26



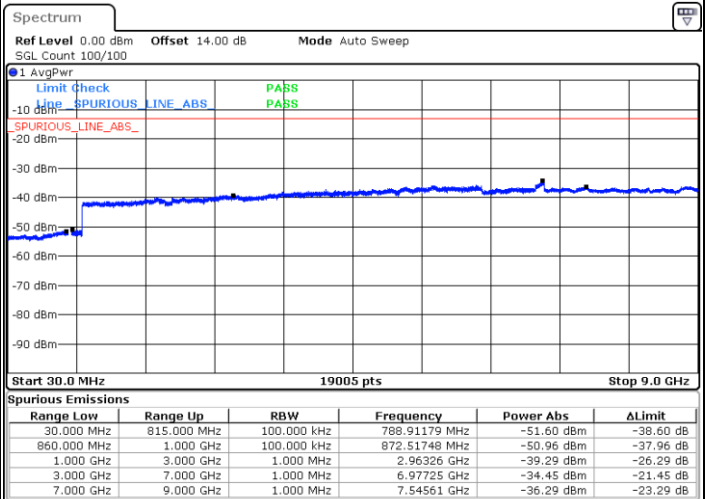
Date: 13.DEC.2017 17:32:23

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 13.DEC.2017 17:33:59

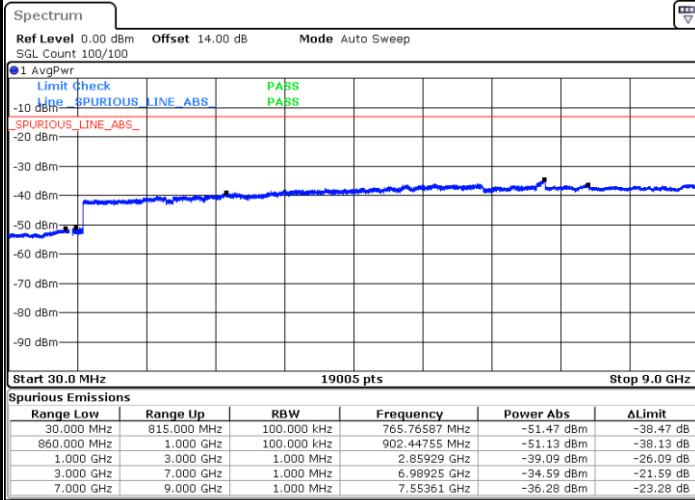


Date: 13.DEC.2017 17:34:55



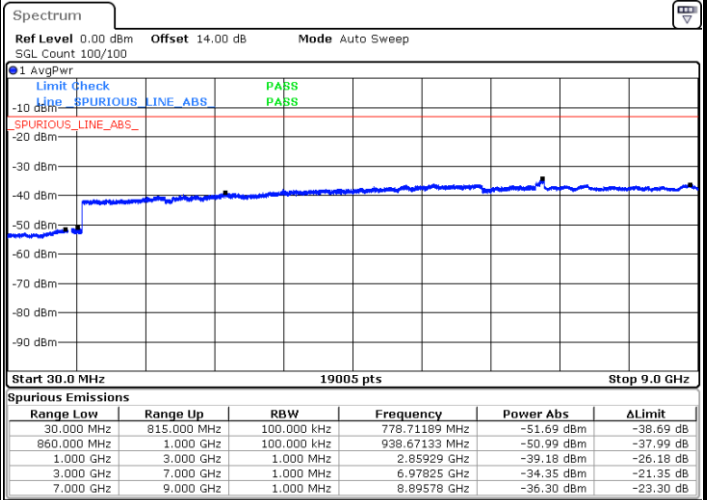
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 13.DEC.2017 17:43:09

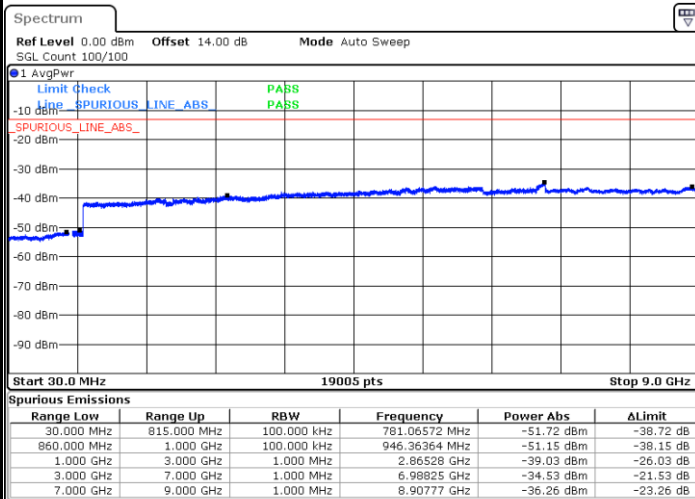
Highest Channel / 16QAM



Date: 13.DEC.2017 17:44:05

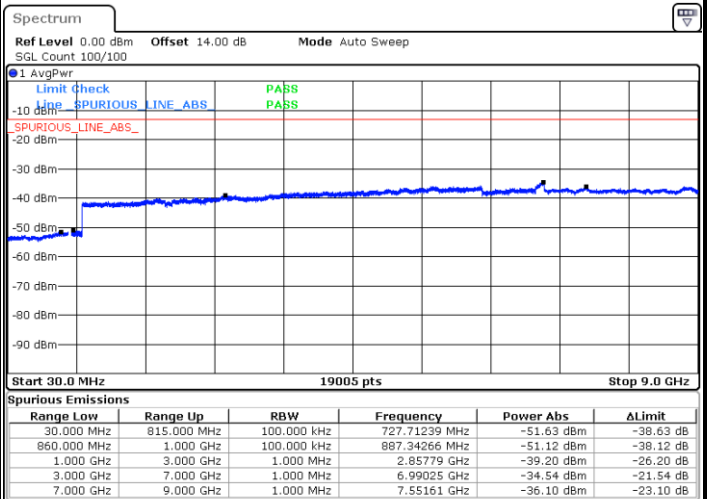
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 13.DEC.2017 17:52:19

Lowest Channel / 16QAM



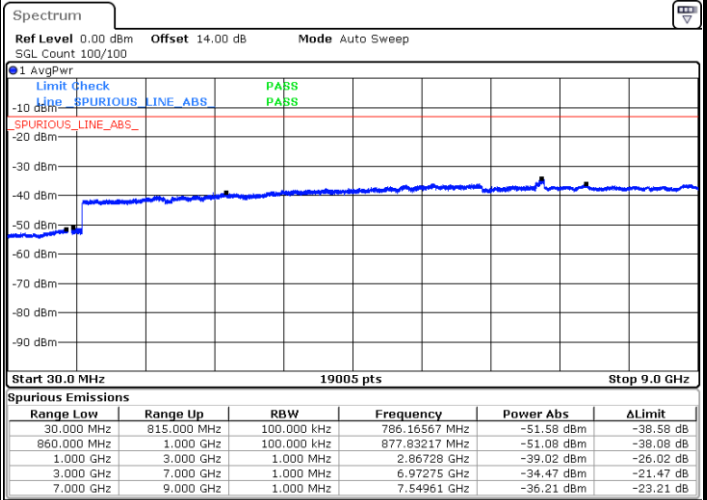
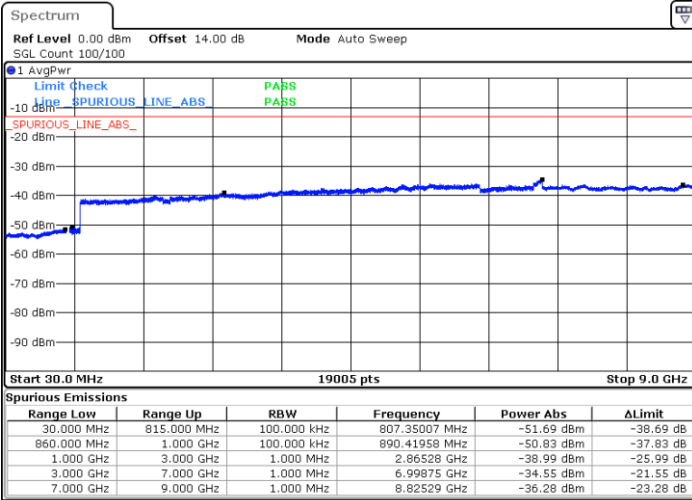
Date: 13.DEC.2017 17:53:16



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

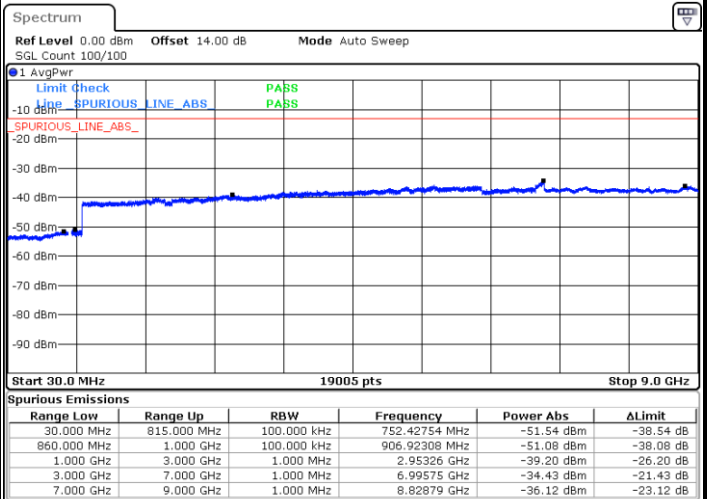
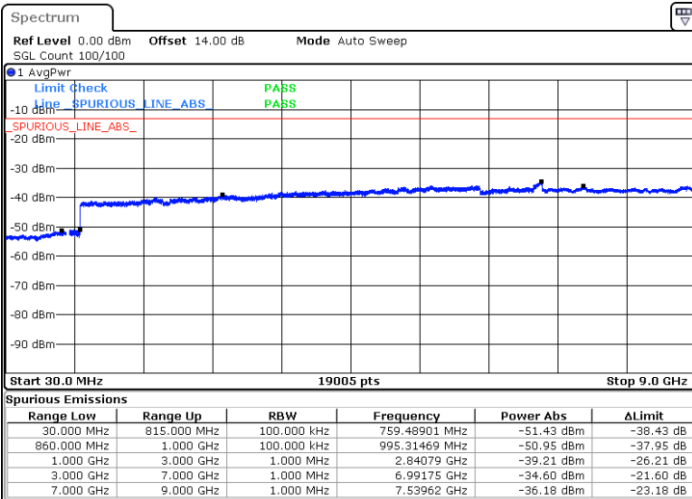


Date: 13.DEC.2017 17:54:52

Date: 13.DEC.2017 17:55:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 13.DEC.2017 18:04:01

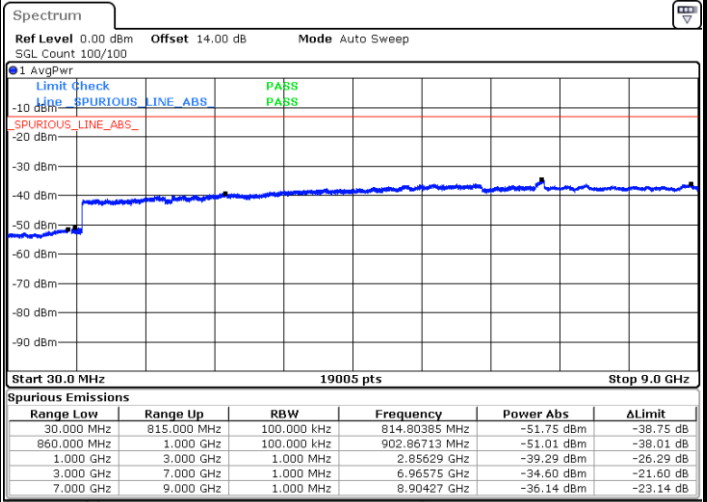
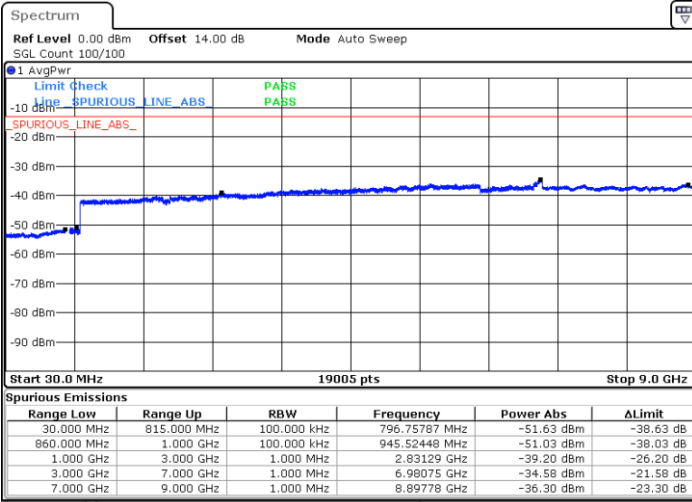
Date: 13.DEC.2017 18:04:57



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

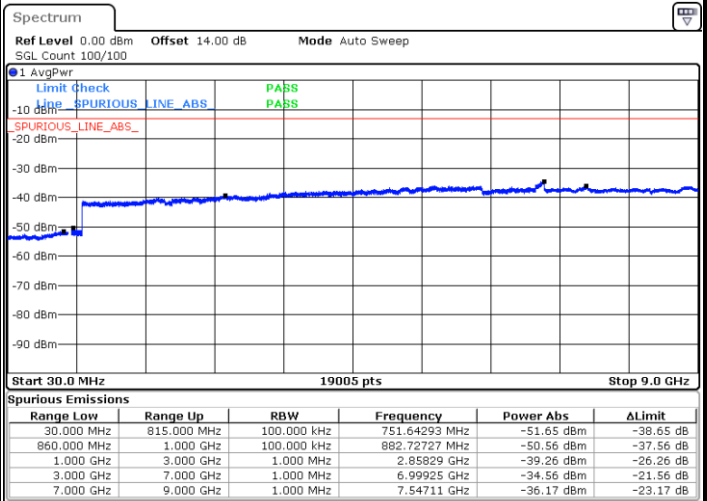
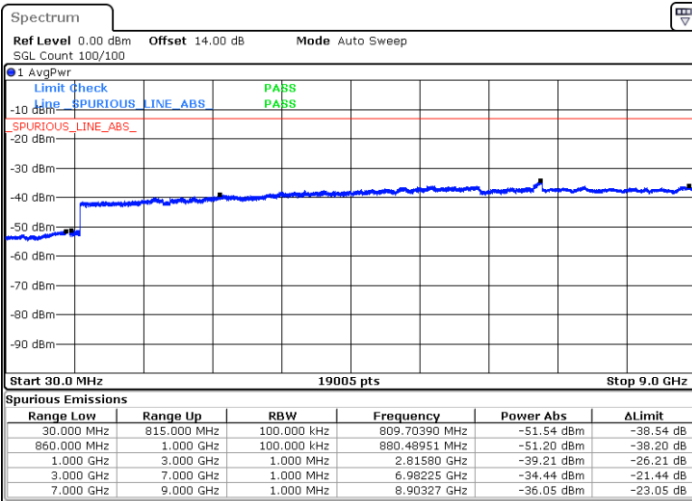


Date: 13.DEC.2017 18:13:11

Date: 13.DEC.2017 18:14:07

Middle Channel / QPSK

Middle Channel / 16QAM



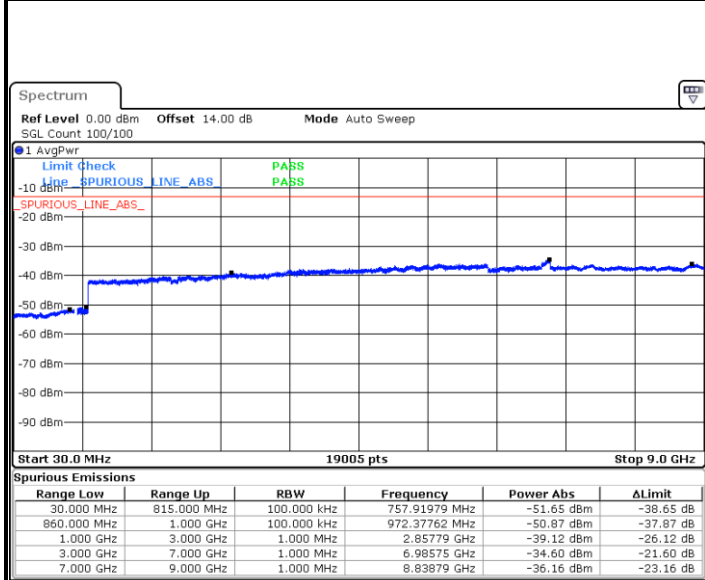
Date: 13.DEC.2017 18:15:44

Date: 13.DEC.2017 18:16:40



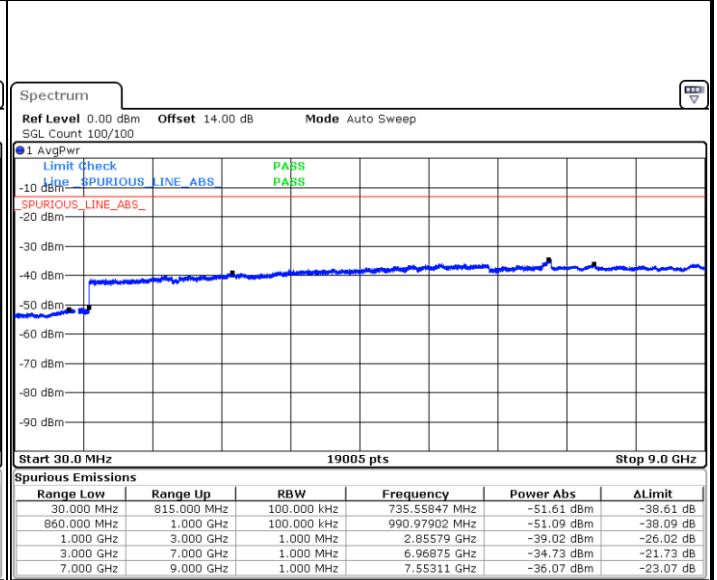
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 13.DEC.2017 18:24:53

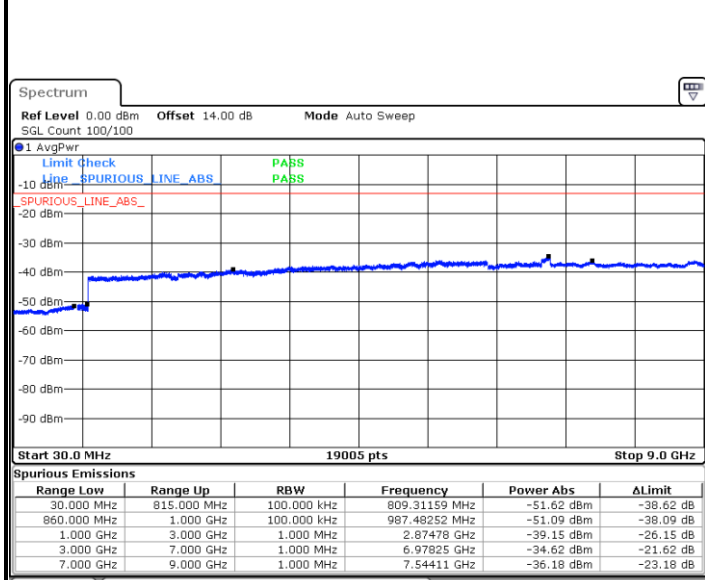
Highest Channel / 16QAM



Date: 13.DEC.2017 18:25:49

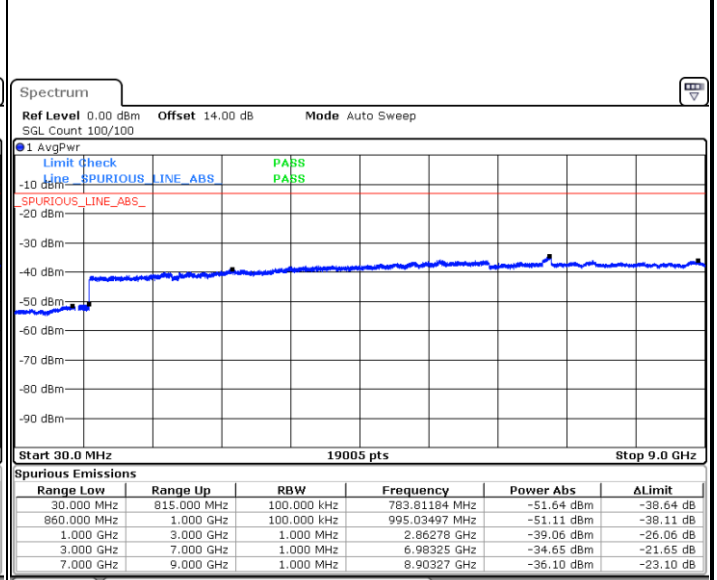
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 13.DEC.2017 18:50:10

Lowest Channel / 16QAM

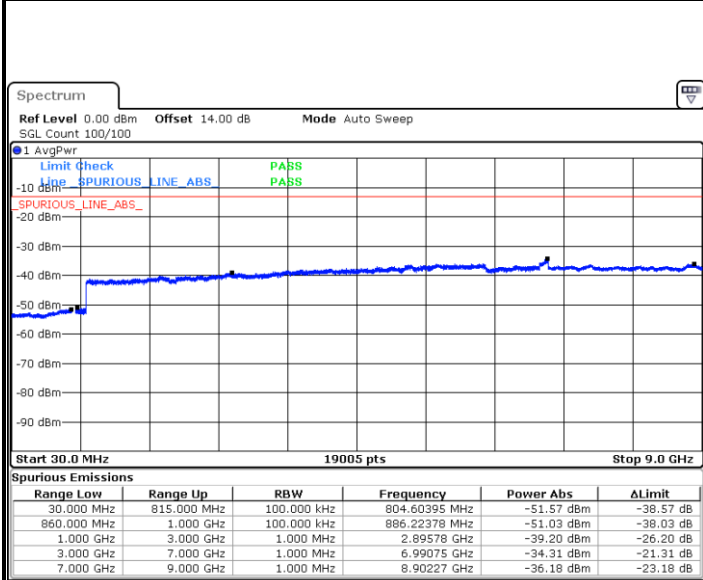


Date: 13.DEC.2017 18:51:06



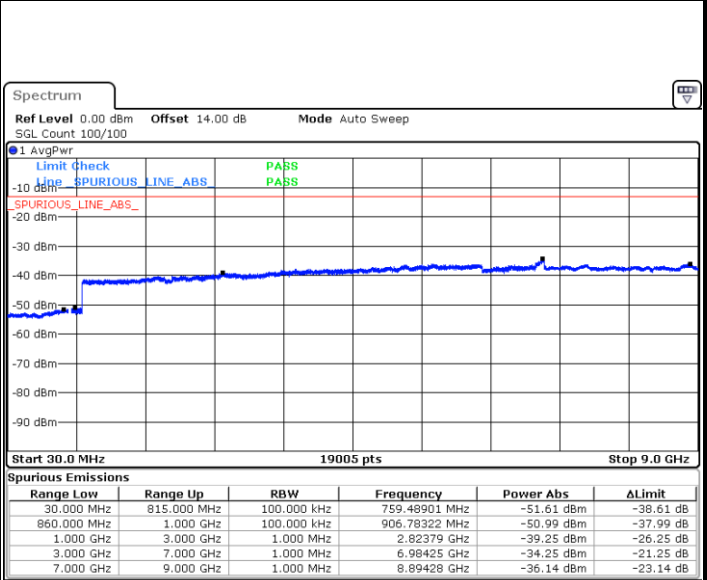
LTE Band 5 / 10MHz

Middle Channel / QPSK



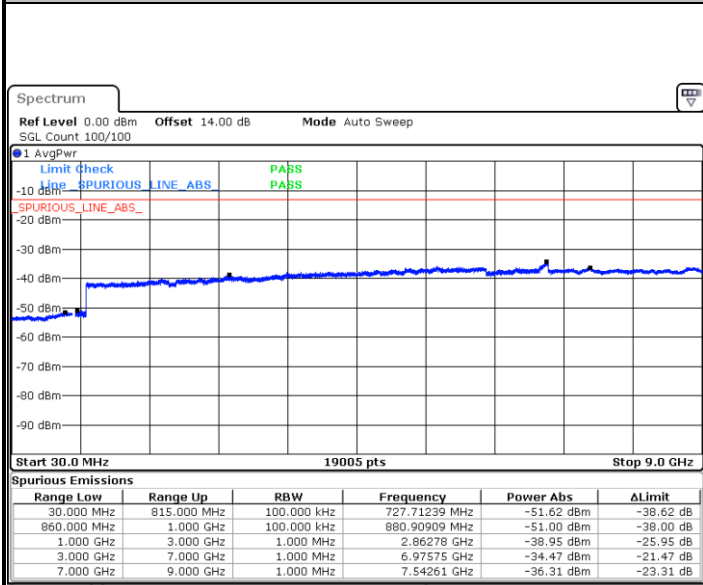
Date: 13.DEC.2017 18:52:43

Middle Channel / 16QAM



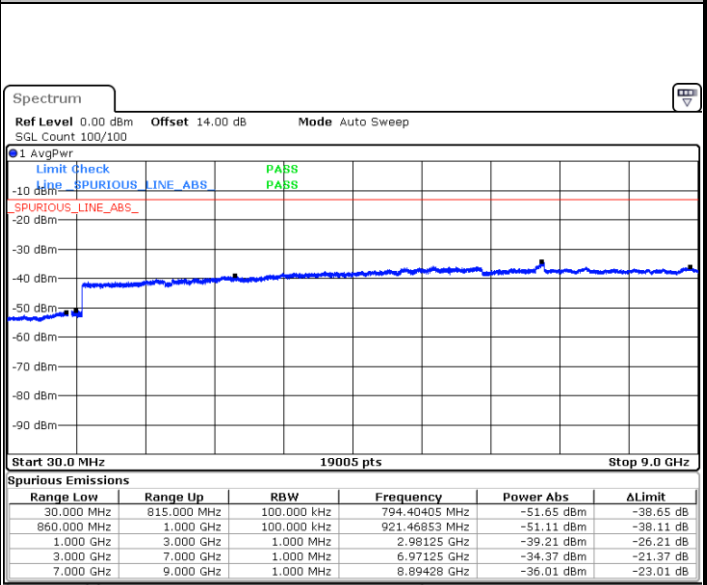
Date: 13.DEC.2017 18:53:39

Highest Channel / QPSK



Date: 13.DEC.2017 19:01:51

Highest Channel / 16QAM

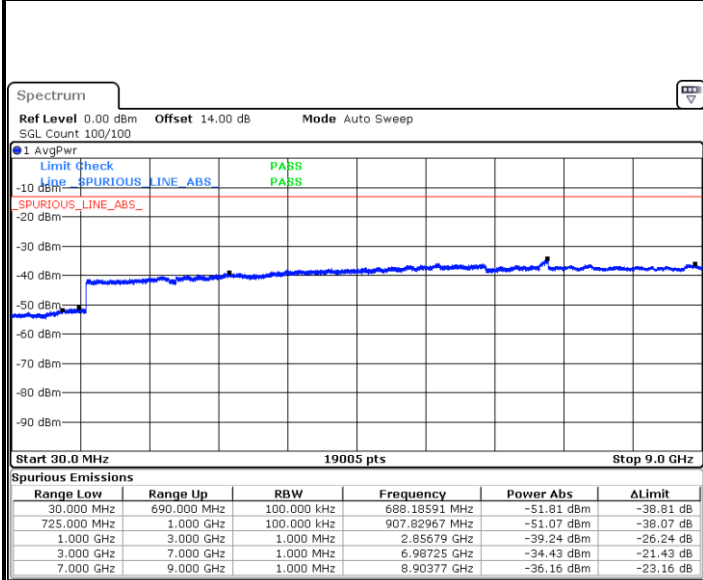


Date: 13.DEC.2017 19:02:47



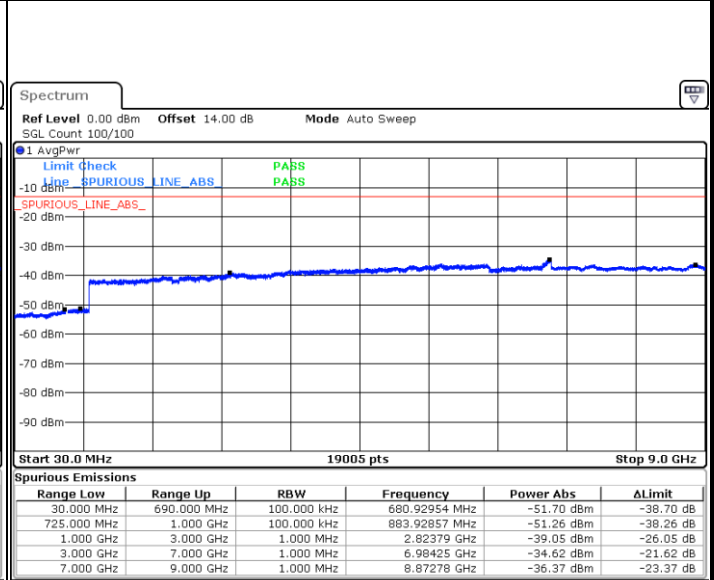
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



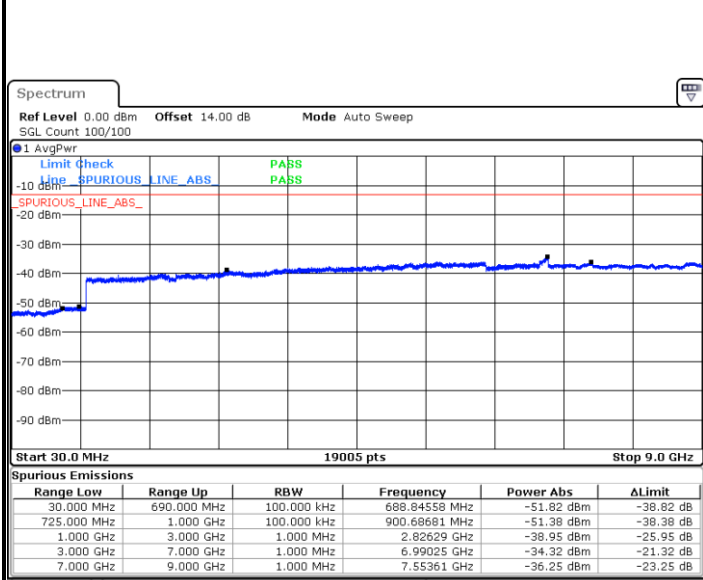
Date: 13.DEC.2017 19:28:08

Lowest Channel / 16QAM



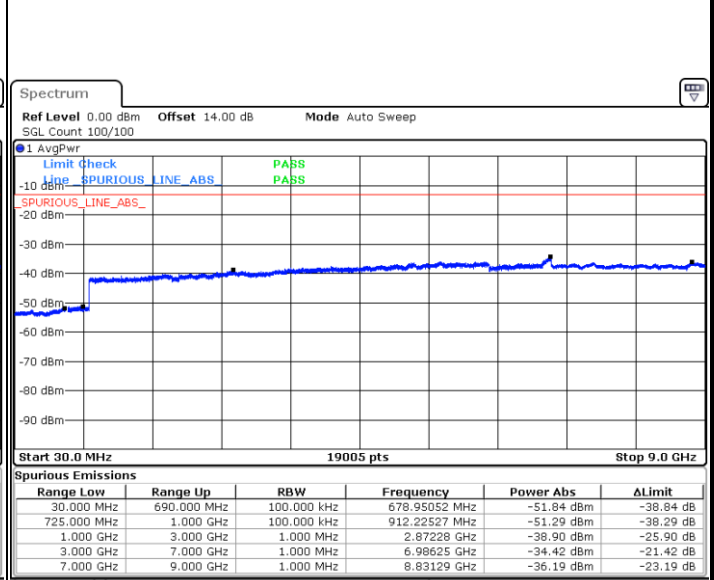
Date: 13.DEC.2017 19:29:03

Middle Channel / QPSK



Date: 13.DEC.2017 19:30:40

Middle Channel / 16QAM



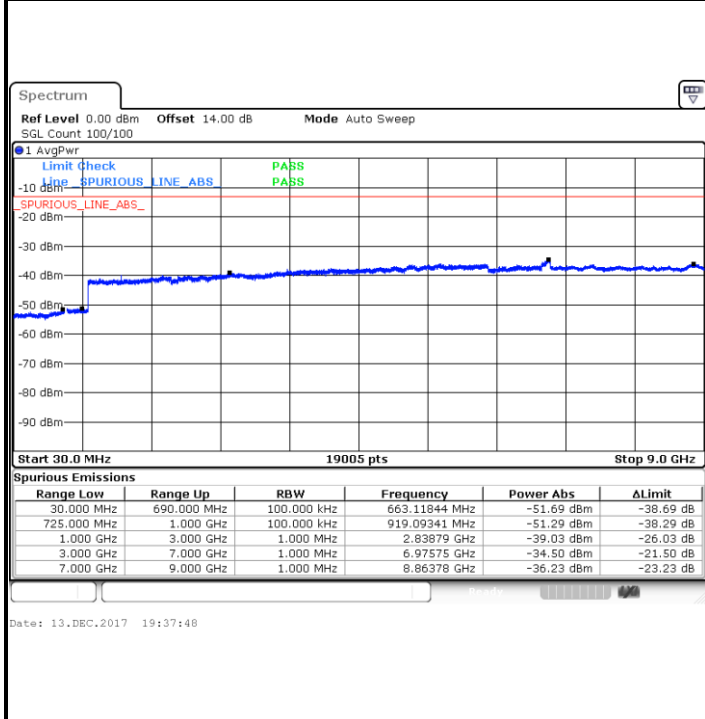
Date: 13.DEC.2017 19:31:36



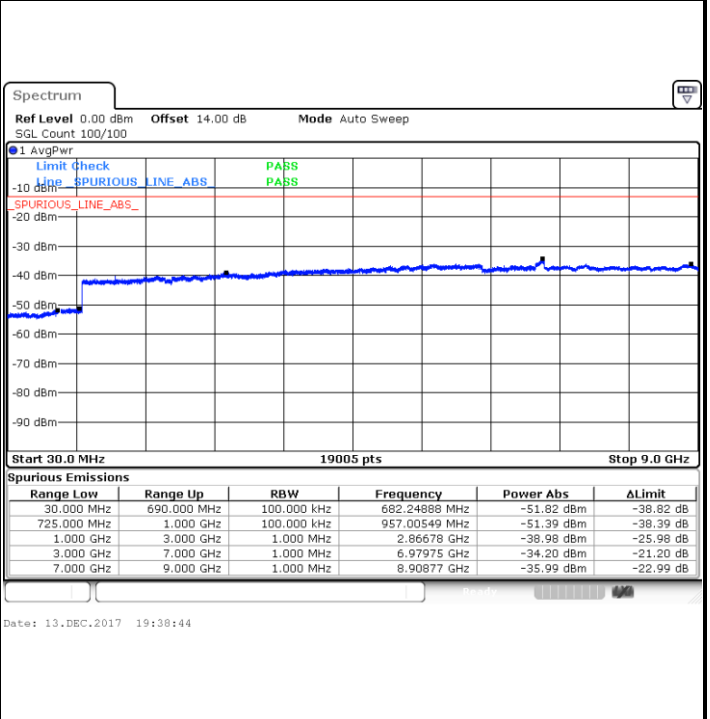


LTE Band 12 / 1.4MHz

Highest Channel / QPSK

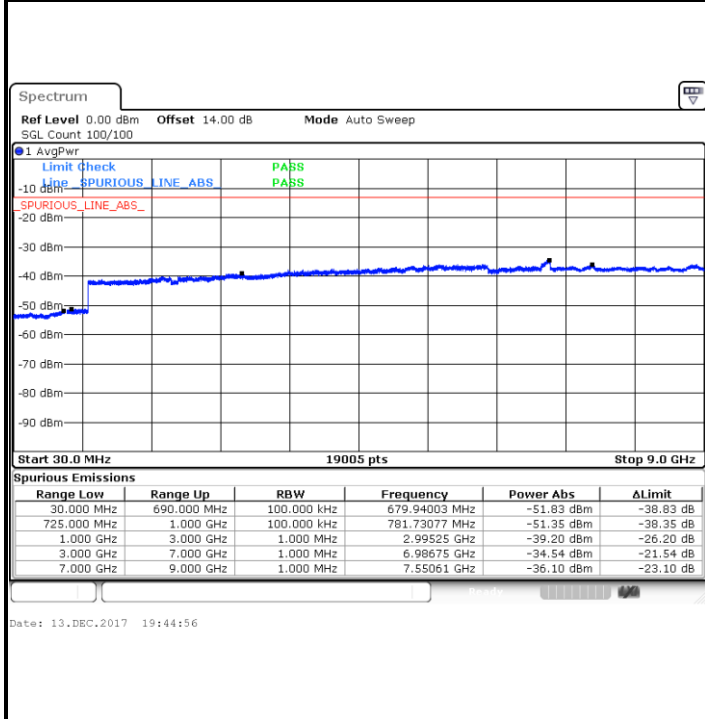


Highest Channel / 16QAM

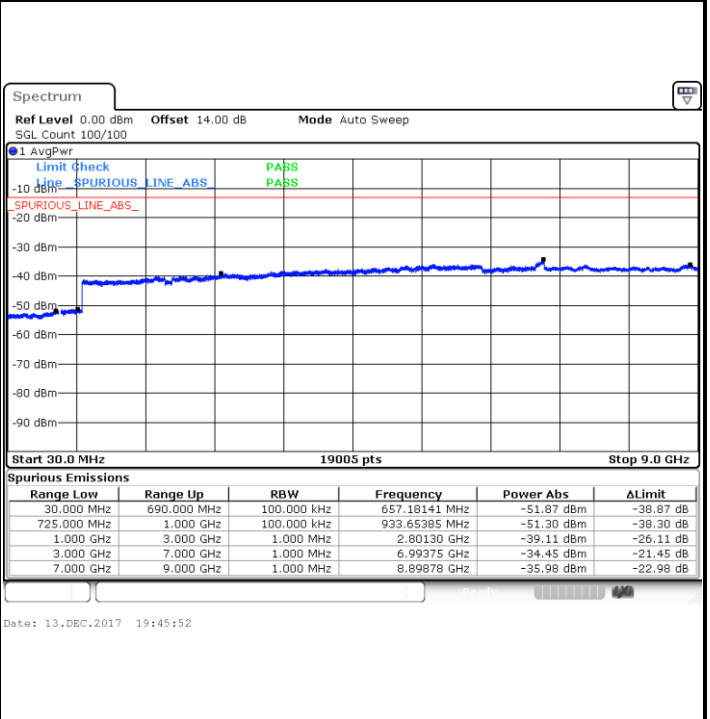


LTE Band 12 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

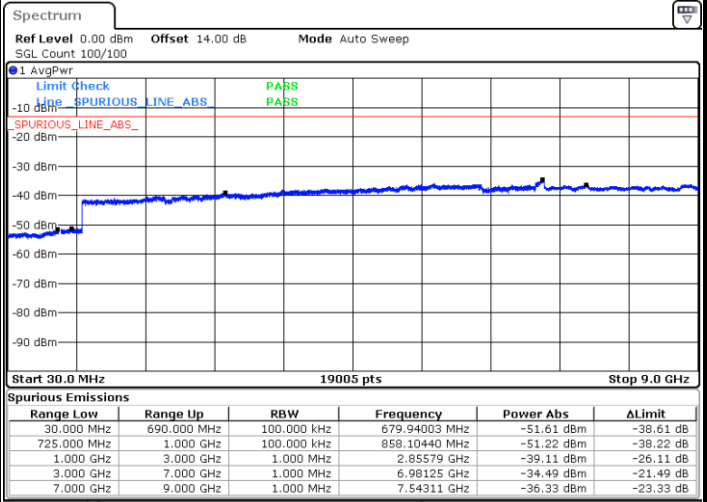
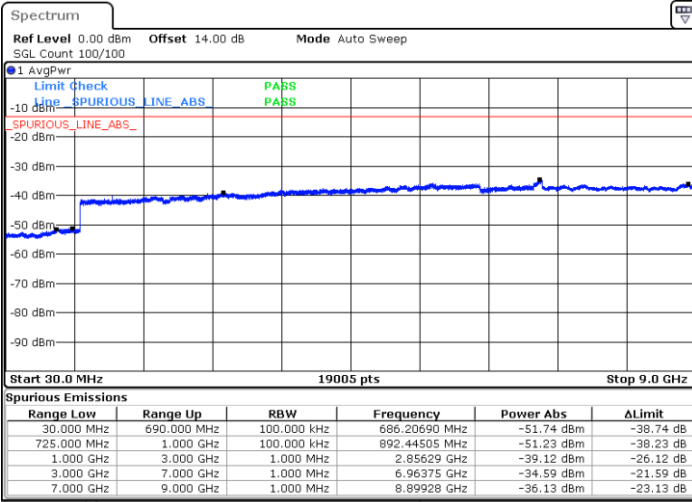




LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

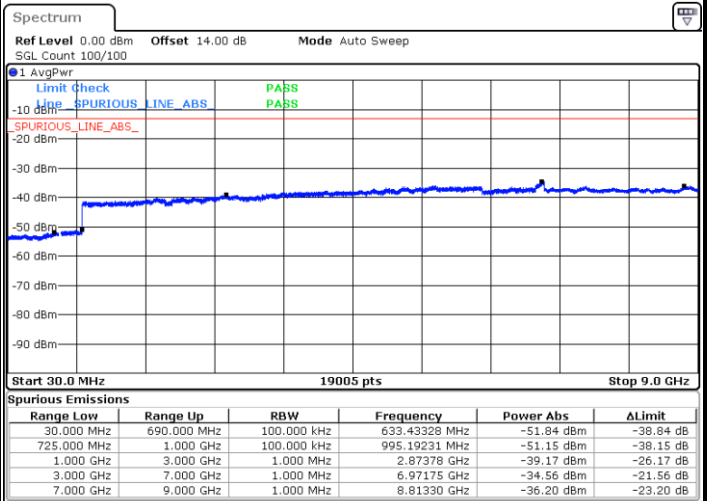
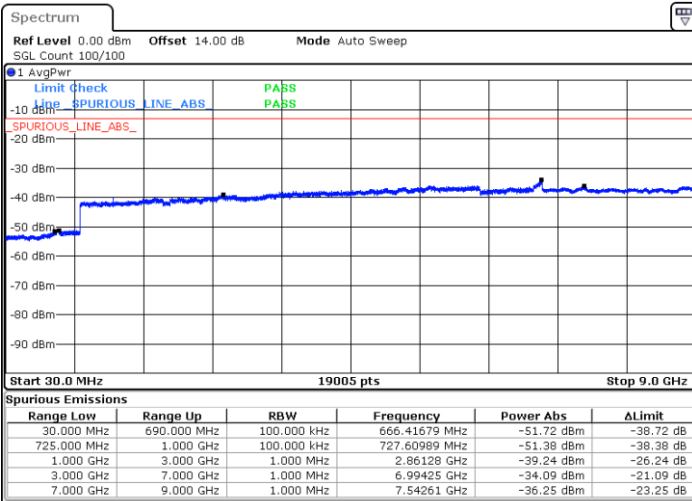


Date: 13.DEC.2017 19:47:28

Date: 13.DEC.2017 19:48:24

Highest Channel / QPSK

Highest Channel / 16QAM



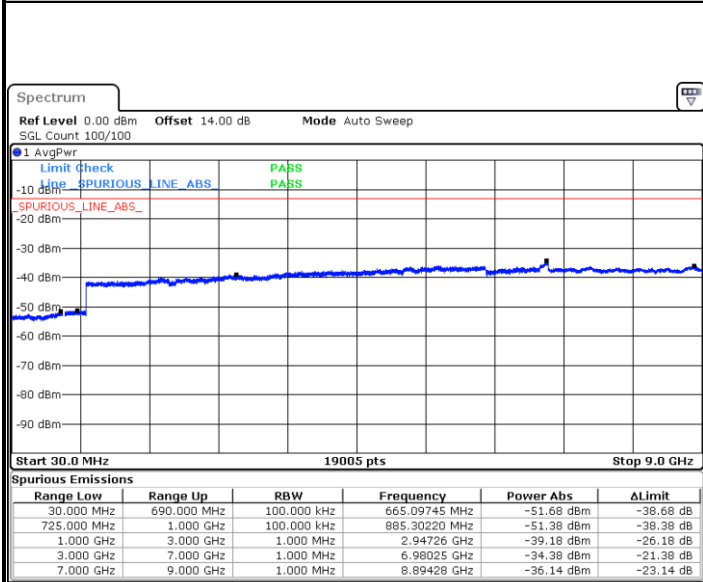
Date: 13.DEC.2017 19:54:35

Date: 13.DEC.2017 19:55:31



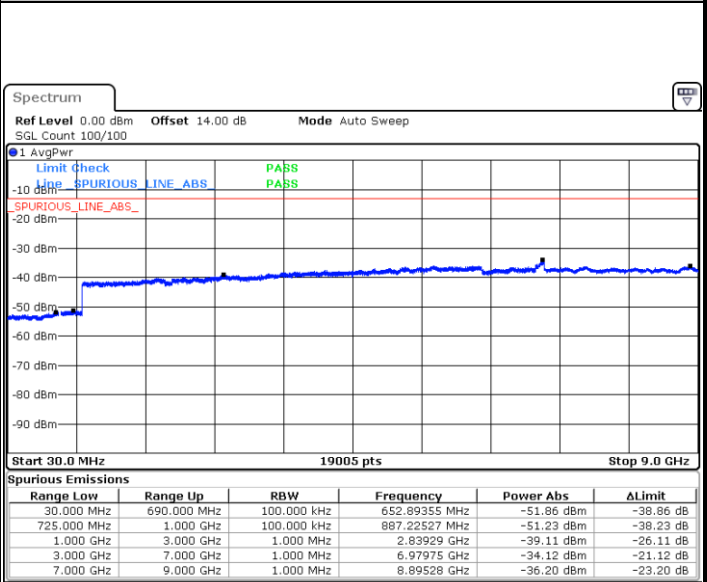
LTE Band 12 / 5MHz

Lowest Channel / QPSK



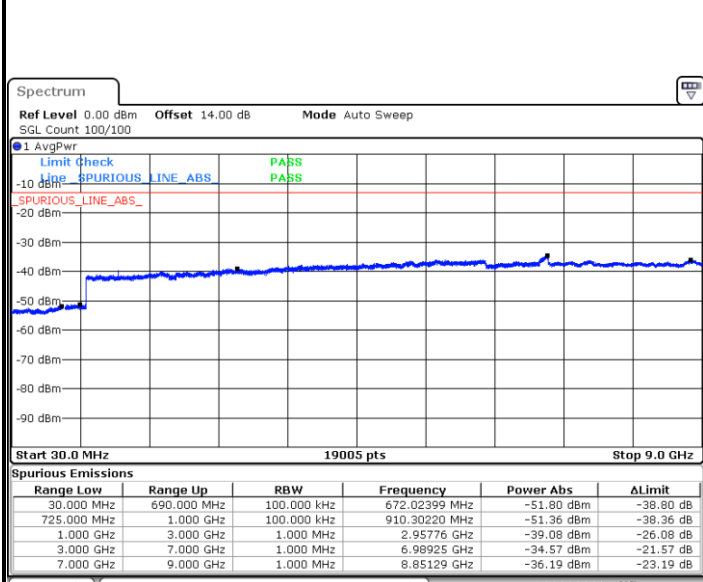
Date: 13.DEC.2017 20:01:43

Lowest Channel / 16QAM



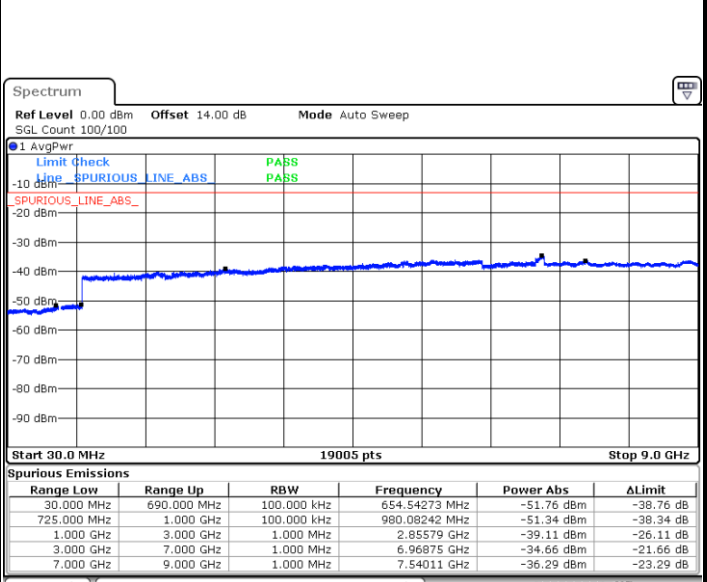
Date: 13.DEC.2017 20:02:39

Middle Channel / QPSK



Date: 13.DEC.2017 20:04:15

Middle Channel / 16QAM

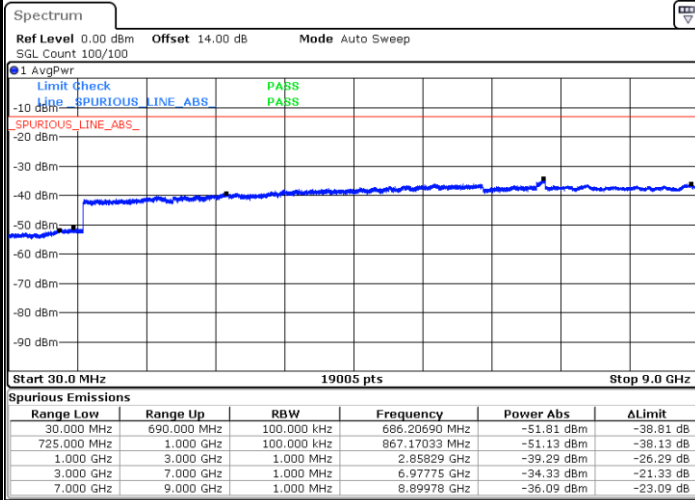


Date: 13.DEC.2017 20:05:11



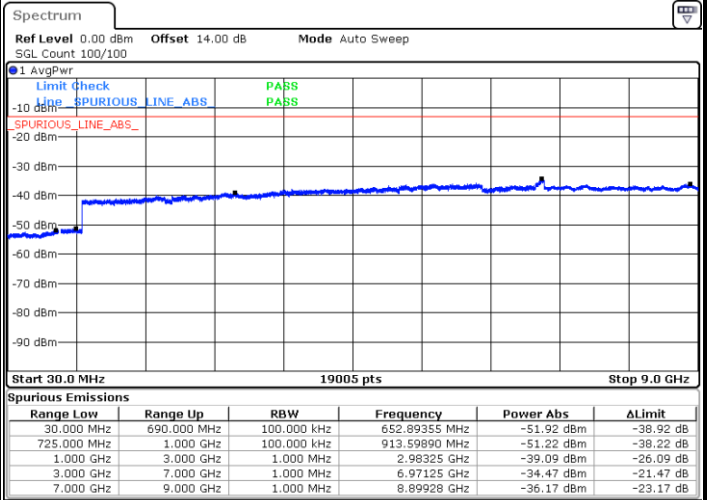
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 13.DEC.2017 20:11:22

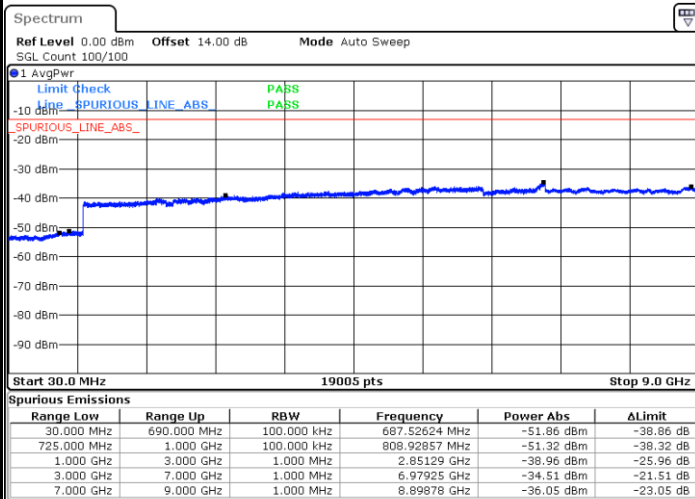
Highest Channel / 16QAM



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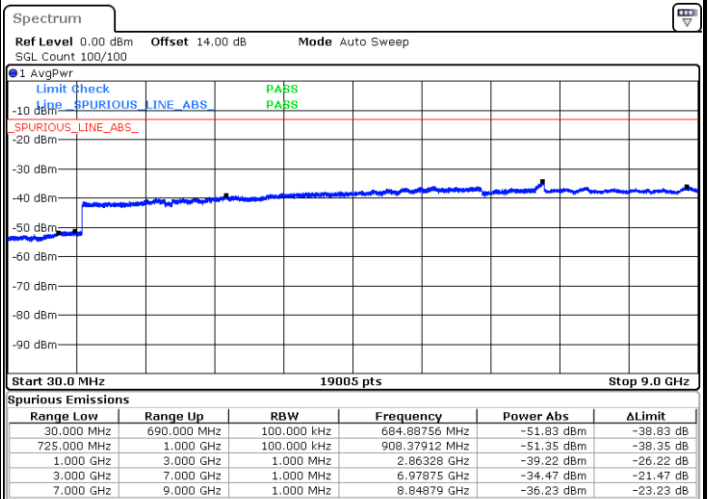
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 13.DEC.2017 20:18:30

Lowest Channel / 16QAM

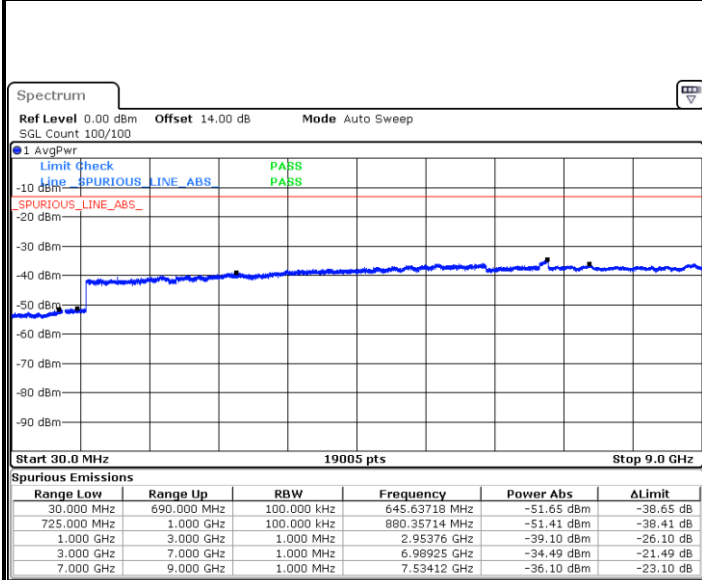


Date: 13.DEC.2017 20:19:25



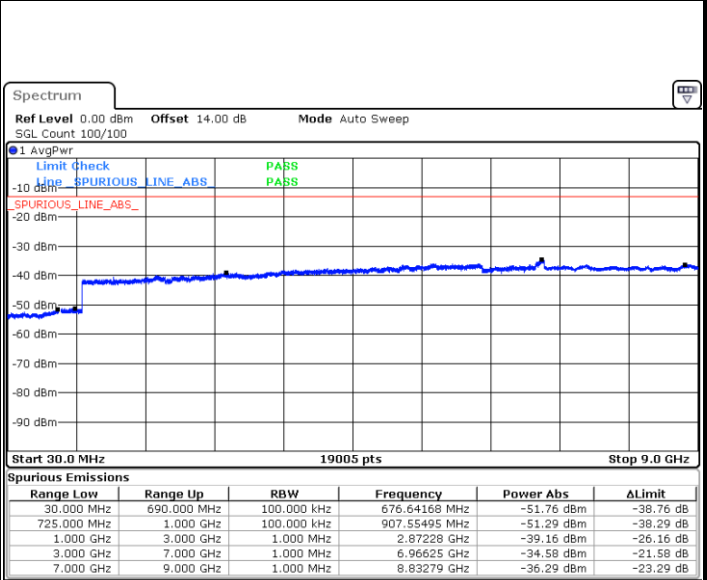
LTE Band 12 / 10MHz

Middle Channel / QPSK



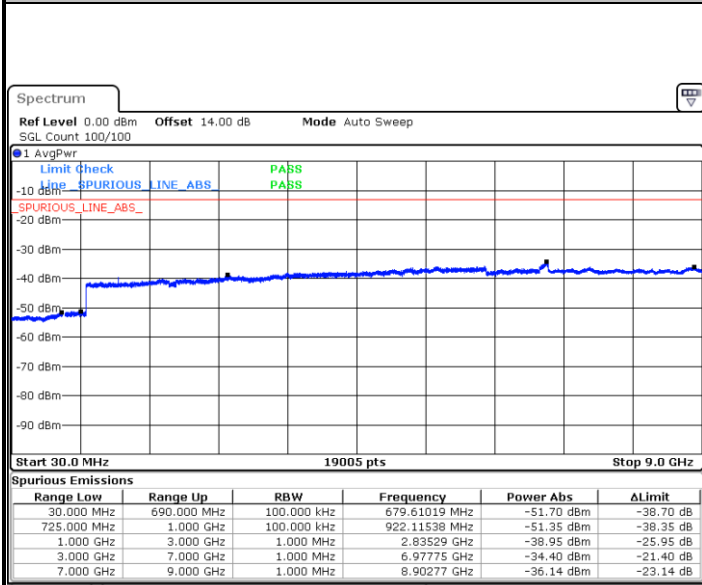
Date: 13.DEC.2017 20:21:01

Middle Channel / 16QAM



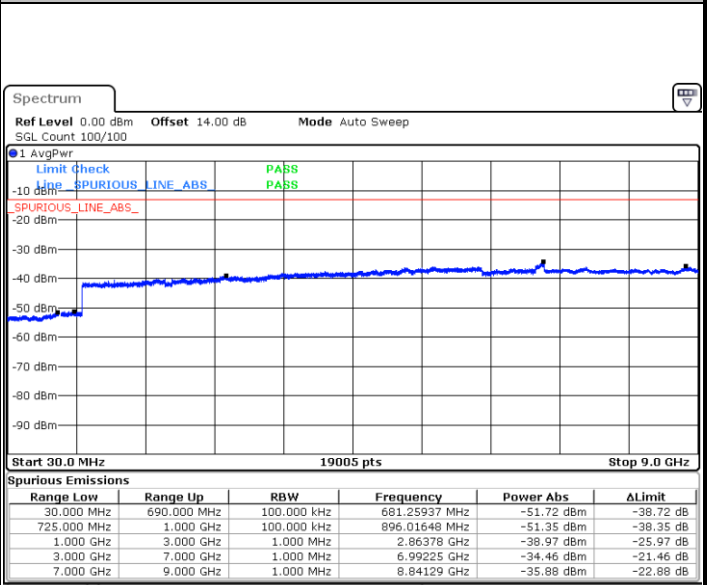
Date: 13.DEC.2017 20:21:57

Highest Channel / QPSK



Date: 13.DEC.2017 20:28:09

Highest Channel / 16QAM



Date: 13.DEC.2017 20:29:05



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.7 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

**Note:**

1. Normal Voltage =3.7 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0000	

Note: Normal Voltage =3.7 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.





Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

**Note:**

1. Normal Voltage =3.7 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3758.92	-49.40	-13	-36.40	-68.73	-55.44	6.56	12.60	H
	5638.38	-54.73	-13	-41.73	-77.89	-59.83	8	13.10	H
	7517.84	-50.97	-13	-37.97	-77.99	-52.70	9.57	11.30	H
	3758.92	-52.46	-13	-39.46	-72.06	-58.50	6.56	12.6	V
	5638.38	-53.44	-13	-40.44	-77.17	-58.54	8	13.1	V
	7517.84	-50.85	-13	-37.85	-77.9	-52.58	9.57	11.3	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3757.48	-49.60	-13	-36.60	-68.93	-55.64	6.56	12.60	H
	5636.22	-54.77	-13	-41.77	-77.93	-59.87	8	13.10	H
	7514.96	-51.26	-13	-38.26	-78.29	-52.99	9.57	11.30	H
	3757.48	-52.77	-13	-39.77	-72.37	-58.81	6.56	12.6	V
	5636.22	-53.25	-13	-40.25	-76.98	-58.35	8	13.1	V
	7514.96	-50.96	-13	-37.96	-78.02	-52.69	9.57	11.3	V

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

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3755.68	-48.19	-13	-35.19	-67.52	-54.23	6.56	12.60	H
	5633.52	-54.05	-13	-41.05	-77.21	-59.15	8	13.10	H
	7511.36	-51.10	-13	-38.10	-78.13	-52.83	9.57	11.30	H
	3755.68	-53.24	-13	-40.24	-72.84	-59.28	6.56	12.6	V
	5633.52	-53.13	-13	-40.13	-76.86	-58.23	8	13.1	V
	7511.36	-50.81	-13	-37.81	-77.87	-52.54	9.57	11.3	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3751.18	-48.69	-13	-35.69	-68.02	-54.73	6.56	12.60	H
	5626.77	-54.40	-13	-41.40	-77.64	-59.50	8	13.10	H
	7502	-50.81	-13	-37.81	-77.95	-52.54	9.57	11.30	H
	3751.18	-52.35	-13	-39.35	-71.95	-58.39	6.56	12.6	V
	5626.77	-52.70	-13	-39.70	-76.52	-57.80	8	13.1	V
	7502	-50.73	-13	-37.73	-77.88	-52.46	9.57	11.3	V

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

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3746.68	-48.82	-13	-35.82	-68.15	-54.86	6.56	12.60	H
	5620.02	-54.18	-13	-41.18	-77.42	-59.28	8	13.10	H
	7493.36	-50.79	-13	-37.79	-77.93	-52.52	9.57	11.30	H
	3746.68	-50.76	-13	-37.76	-70.36	-56.80	6.56	12.6	V
	5620.02	-52.08	-13	-39.08	-75.9	-57.18	8	13.1	V
	7493.36	-50.90	-13	-37.90	-78.05	-52.63	9.57	11.3	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3742.18	-47.94	-13	-34.94	-67.25	-53.98	6.56	12.60	H
	5613.27	-53.82	-13	-40.82	-77.13	-58.92	8	13.10	H
	7484.36	-50.70	-13	-37.70	-77.96	-52.43	9.57	11.30	H
	3742.18	-49.22	-13	-36.22	-68.82	-55.26	6.56	12.6	V
	5613.27	-52.63	-13	-39.63	-76.52	-57.73	8	13.1	V
	7484.36	-50.96	-13	-37.96	-78.21	-52.69	9.57	11.3	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3463.74	-48.91	-13	-35.91	-66.83	-55.33	6.18	12.60	H
	5195.61	-50.51	-13	-37.51	-73.66	-55.47	7.74	12.70	H
	6927.48	-52.04	-13	-39.04	-77.77	-54.74	9	11.70	H
	3463.74	-43.76	-13	-30.76	-62.04	-50.18	6.18	12.60	V
	5195.61	-50.87	-13	-37.87	-74.69	-55.83	7.74	12.70	V
	6927.48	-51.94	-13	-38.94	-78.2	-54.64	9	11.70	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3462.48	-45.71	-13	-32.71	-63.63	-52.13	6.18	12.60	H
	5193.72	-50.00	-13	-37.00	-73.16	-54.96	7.74	12.70	H
	6924.96	-52.18	-13	-39.18	-77.91	-54.88	9	11.70	H
	3462.48	-41.73	-13	-28.73	-60.01	-48.15	6.18	12.60	V
	5193.72	-51.66	-13	-38.66	-75.49	-56.62	7.74	12.70	V
	6924.96	-51.78	-13	-38.78	-78.04	-54.48	9	11.70	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3460.68	-47.94	-13	-34.94	-65.86	-54.36	6.18	12.60	H
	5191.02	-51.56	-13	-38.56	-74.72	-56.52	7.74	12.70	H
	6921.36	-52.43	-13	-39.43	-78.02	-55.13	9	11.70	H
	3460.68	-43.92	-13	-30.92	-62.2	-50.34	6.18	12.60	V
	5191.02	-51.08	-13	-38.08	-74.91	-56.04	7.74	12.70	V
	6921.36	-51.94	-13	-38.94	-78.08	-54.64	9	11.70	V

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

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3456.18	-48.62	-13	-35.62	-66.38	-55.04	6.18	12.60	H
	5184.27	-50.22	-13	-37.22	-73.38	-55.18	7.74	12.70	H
	6912.36	-52.55	-13	-39.55	-78.14	-55.25	9	11.70	H
	3456.18	-44.24	-13	-31.24	-62.35	-50.66	6.18	12.60	V
	5184.27	-50.59	-13	-37.59	-74.43	-55.55	7.74	12.70	V
	6912.36	-52.07	-13	-39.07	-78.21	-54.77	9	11.70	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3451.68	-47.48	-13	-34.48	-65.24	-53.90	6.18	12.60	H
	5177.52	-51.84	-13	-38.84	-75.00	-56.80	7.74	12.70	H
	6903.36	-52.71	-13	-39.71	-78.17	-55.41	9	11.70	H
	3451.68	-43.39	-13	-30.39	-61.5	-49.81	6.18	12.60	V
	5177.52	-49.58	-13	-36.58	-73.42	-54.54	7.74	12.70	V
	6903.36	-51.99	-13	-38.99	-78.01	-54.69	9	11.70	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	3447.18	-46.64	-13	-33.64	-64.40	-53.06	6.18	12.60	H
	5170.77	-51.26	-13	-38.26	-74.41	-56.22	7.74	12.70	H
	6894.36	-52.11	-13	-39.11	-77.59	-54.81	9	11.70	H
	3447.18	-42.91	-13	-29.91	-61.02	-49.33	6.18	12.60	V
	5170.77	-49.61	-13	-36.61	-73.46	-54.57	7.74	12.70	V
	6894.36	-52.01	-13	-39.01	-78.05	-54.71	9	11.70	V

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



LTE Band 5 / 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)
Middle	1671.92	-59.23	-13	-46.23	-70.60	-65.92	0.56	9.40	H
	2507.88	-58.81	-13	-45.81	-74.55	-66.52	0.74	10.60	H
	3343.84	-58.80	-13	-45.80	-76.18	-68.40	0.85	12.60	H
	1671.92	-62.95	-13	-49.95	-74.32	-69.64	0.56	9.40	V
	2507.88	-60.29	-13	-47.29	-75.63	-68.00	0.74	10.60	V
	3343.84	-58.74	-13	-45.74	-76.35	-68.34	0.85	12.60	V

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

LTE Band 5 / 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)
Middle	1670.48	-61.32	-13	-48.32	-72.81	-68.01	0.56	9.40	H
	2505.72	-59.55	-13	-46.55	-75.29	-67.26	0.74	10.60	H
	3340.96	-58.99	-13	-45.99	-76.37	-68.59	0.85	12.60	H
	1670.48	-62.63	-13	-49.63	-74.14	-69.32	0.56	9.40	V
	2505.72	-60.35	-13	-47.35	-75.69	-68.06	0.74	10.60	V
	3340.96	-58.73	-13	-45.73	-76.34	-68.33	0.85	12.60	V

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



LTE Band 5 / 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)
Middle	1668.68	-59.97	-13	-46.97	-71.46	-66.66	0.56	9.40	H
	2503.02	-59.60	-13	-46.60	-75.38	-67.31	0.74	10.60	H
	3337.36	-59.02	-13	-46.02	-76.46	-68.62	0.85	12.60	H
	1668.68	-63.44	-13	-50.44	-74.95	-70.13	0.56	9.40	V
	2503.02	-60.28	-13	-47.28	-75.66	-67.99	0.74	10.60	V
	3337.36	-58.85	-13	-45.85	-76.50	-68.45	0.85	12.60	V

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

LTE Band 5 / 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	1664.18	-53.87	-13	-40.87	-65.36	-60.56	0.56	9.40	H
	2496.27	-59.57	-13	-46.57	-75.35	-67.28	0.74	10.60	H
	3328.36	-58.93	-13	-45.93	-76.37	-68.53	0.85	12.60	H
	1664.18	-60.73	-13	-47.73	-72.24	-67.42	0.56	9.40	V
	2496.27	-60.32	-13	-47.32	-75.70	-68.03	0.74	10.60	V
	3328.36	-58.60	-13	-45.60	-76.25	-68.20	0.85	12.60	V

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





LTE Band 12 / 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)
Middle	1413.74	-56.52	-13	-43.52	-68.63	-63.21	0.56	9.40	H
	2120.61	-43.24	-13	-30.24	-59.22	-50.95	0.74	10.60	H
	2827.48	-58.40	-13	-45.40	-75.27	-68.00	0.85	12.60	H
	1413.74	-53.29	-13	-40.29	-65.05	-59.98	0.56	9.40	V
	2120.61	-44.76	-13	-31.76	-60.86	-52.47	0.74	10.60	V
	2827.48	-58.20	-13	-45.20	-75.13	-67.80	0.85	12.60	V

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

LTE Band 12 / 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)
Middle	1412.3	-55.97	-13	-42.97	-68.08	-62.66	0.56	9.40	H
	2118.45	-44.04	-13	-31.04	-60.02	-51.75	0.74	10.60	H
	2824.6	-58.53	-13	-45.53	-75.40	-68.13	0.85	12.60	H
	1412.3	-54.65	-13	-41.65	-66.41	-61.34	0.56	9.40	V
	2118.45	-45.59	-13	-32.59	-61.69	-53.30	0.74	10.60	V
	2824.6	-58.76	-13	-45.76	-75.69	-68.36	0.85	12.60	V

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



LTE Band 12 / 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)
Middle	1410.5	-57.11	-13	-44.11	-69.22	-63.80	0.56	9.40	H
	2115.75	-46.90	-13	-33.90	-62.88	-54.61	0.74	10.60	H
	2821	-58.51	-13	-45.51	-75.38	-68.11	0.85	12.60	H
	1410.5	-56.95	-13	-43.95	-68.71	-63.64	0.56	9.40	V
	2115.75	-49.09	-13	-36.09	-65.19	-56.80	0.74	10.60	V
	2821	-58.25	-13	-45.25	-75.18	-67.85	0.85	12.60	V

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

LTE Band 12 / 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	1406	-56.81	-13	-43.81	-68.92	-63.50	0.56	9.40	H
	2109	-47.50	-13	-34.50	-63.23	-55.21	0.74	10.60	H
	2812	-58.68	-13	-45.68	-75.55	-68.28	0.85	12.60	H
	1406	-55.74	-13	-42.74	-67.50	-62.43	0.56	9.40	V
	2109	-47.25	-13	-34.25	-63.08	-54.96	0.74	10.60	V
	2812	-58.18	-13	-45.18	-75.11	-67.78	0.85	12.60	V

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