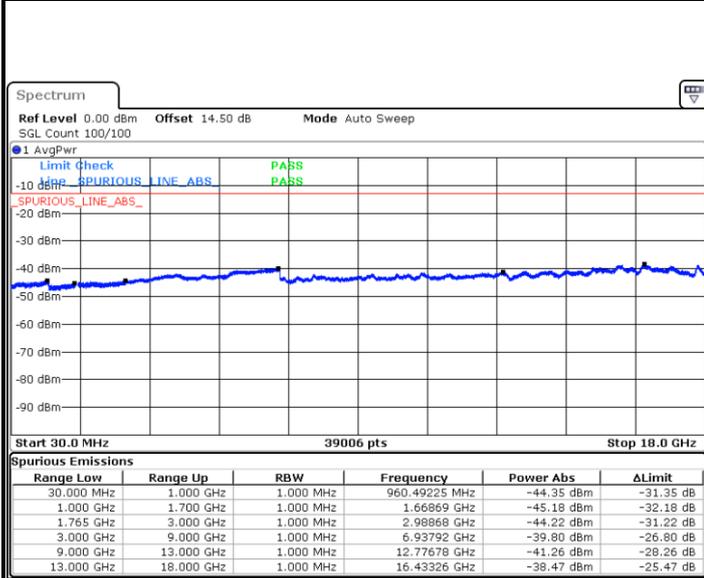




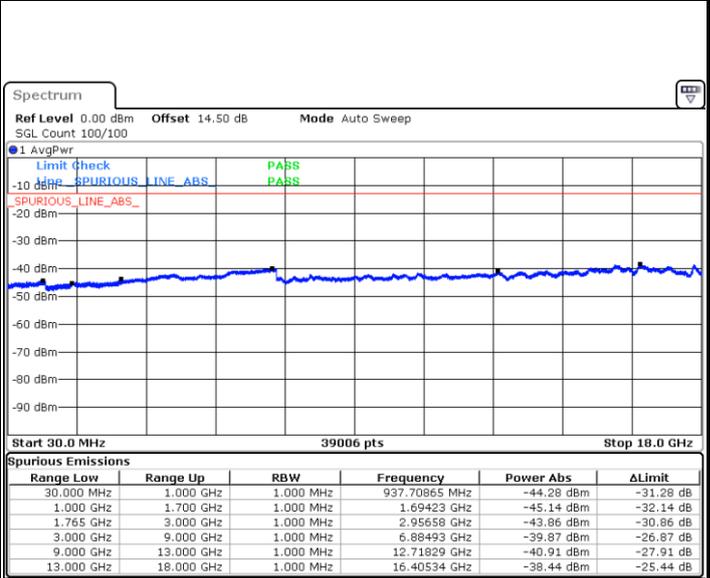
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 17.NOV.2017 00:12:50

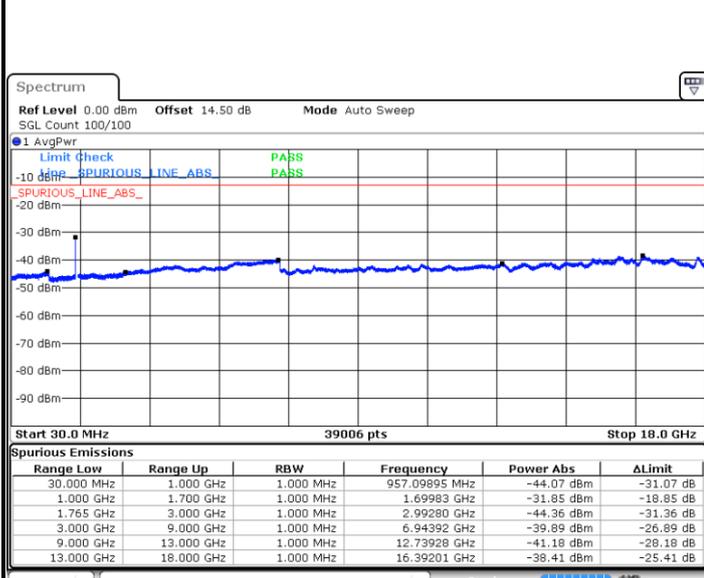
Highest Channel / 16QAM



Date: 17.NOV.2017 00:13:44

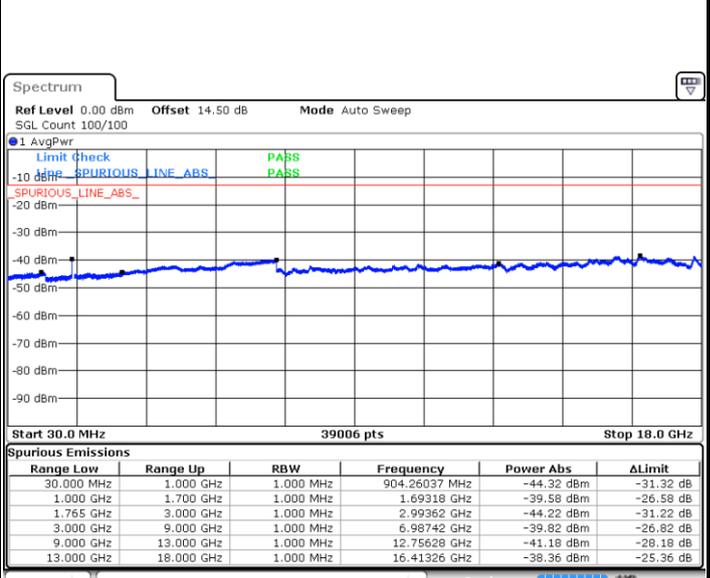
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 17.NOV.2017 00:19:48

Lowest Channel / 16QAM



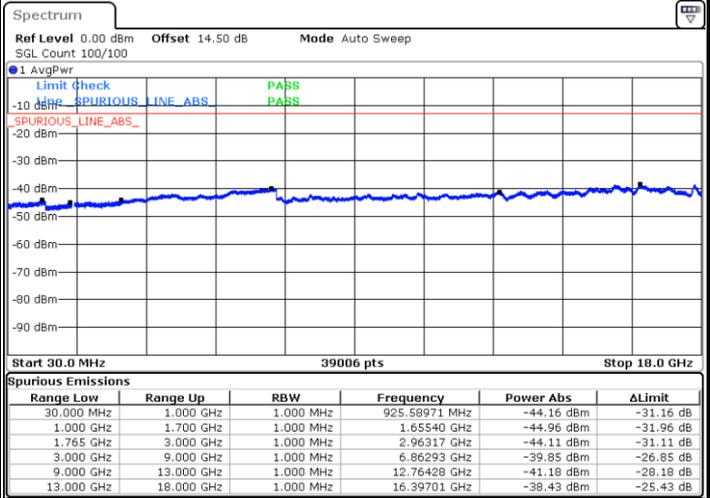
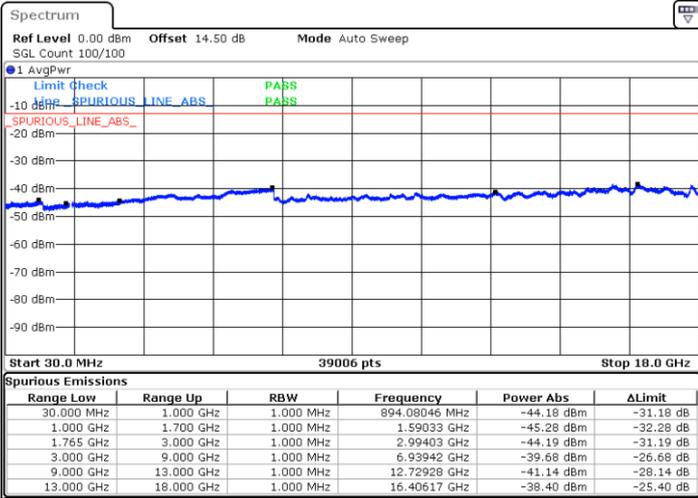
Date: 17.NOV.2017 00:20:41



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

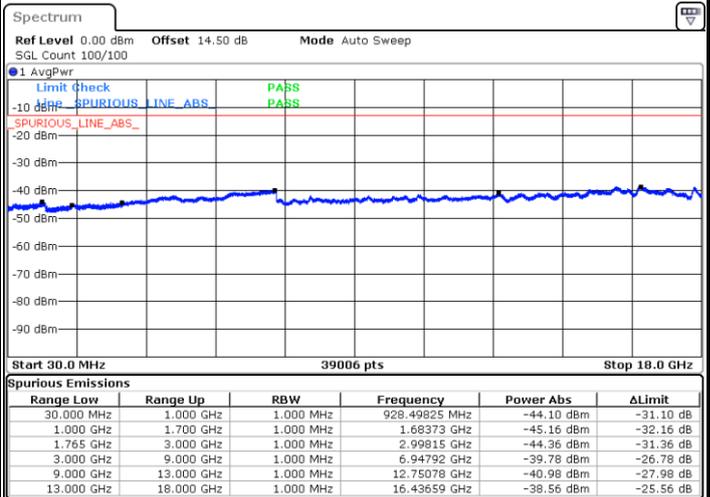
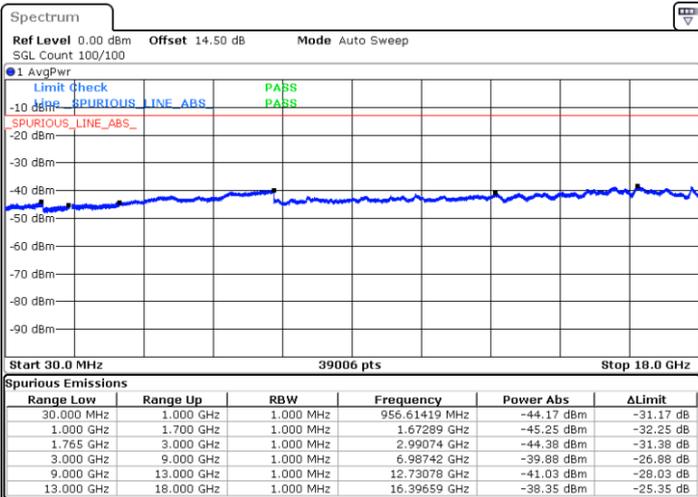


Date: 17.NOV.2017 00:22:13

Date: 17.NOV.2017 00:23:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.NOV.2017 00:29:11

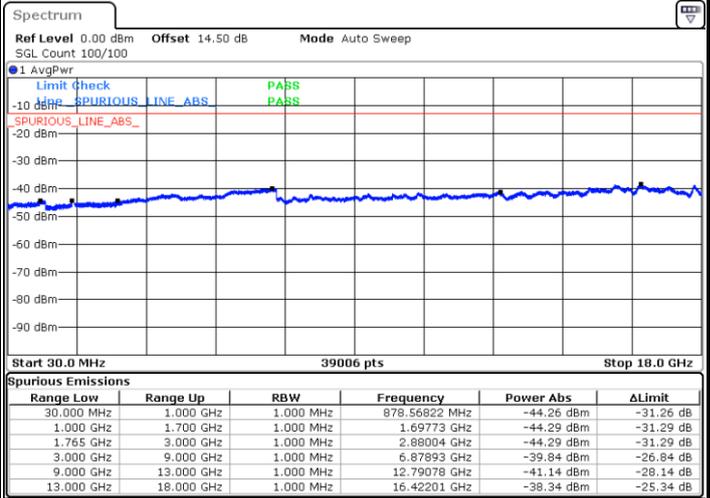
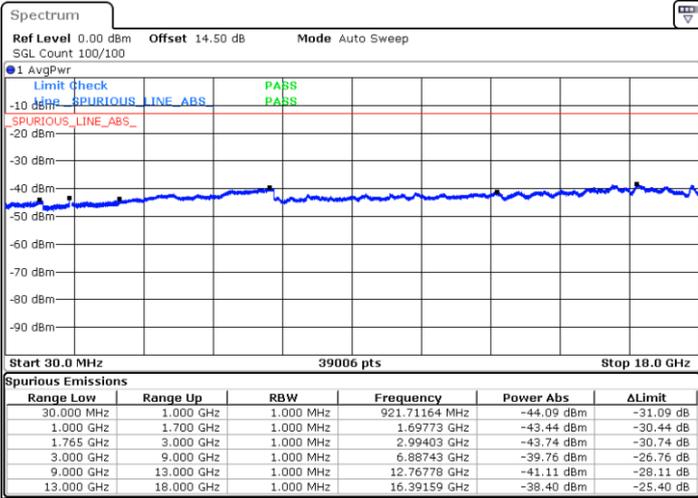
Date: 17.NOV.2017 00:30:04



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

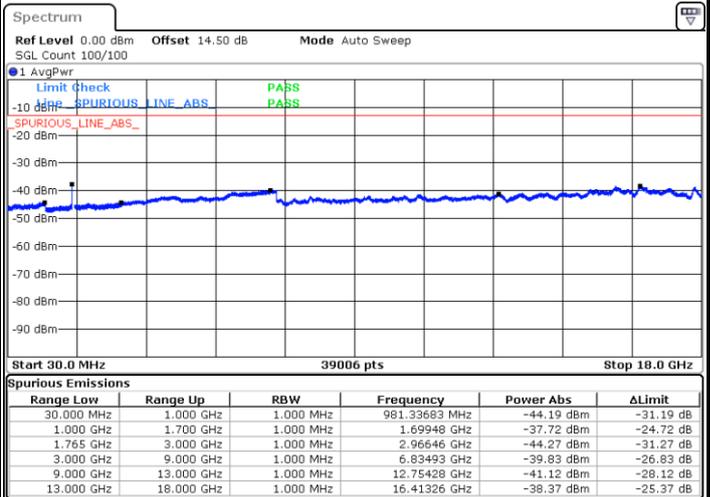
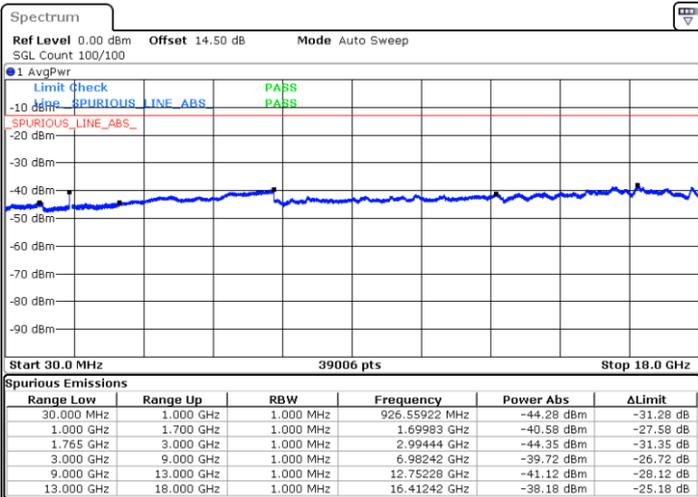


Date: 17.NOV.2017 00:36:08

Date: 17.NOV.2017 00:37:01

Middle Channel / QPSK

Middle Channel / 16QAM



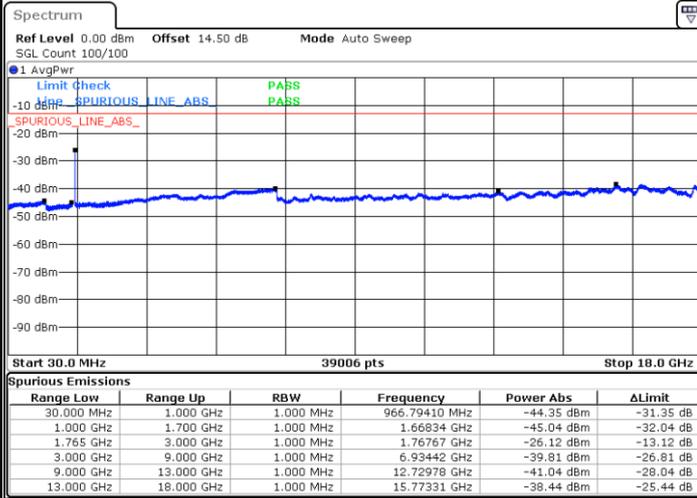
Date: 17.NOV.2017 00:38:33

Date: 17.NOV.2017 00:39:27



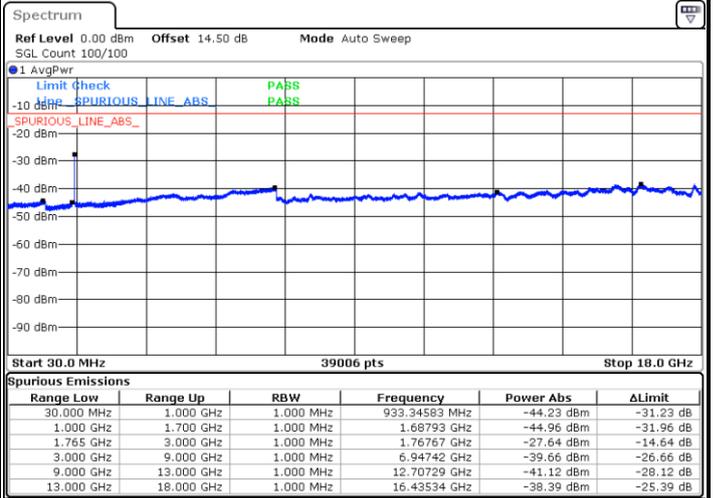
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 17.NOV.2017 00:45:31

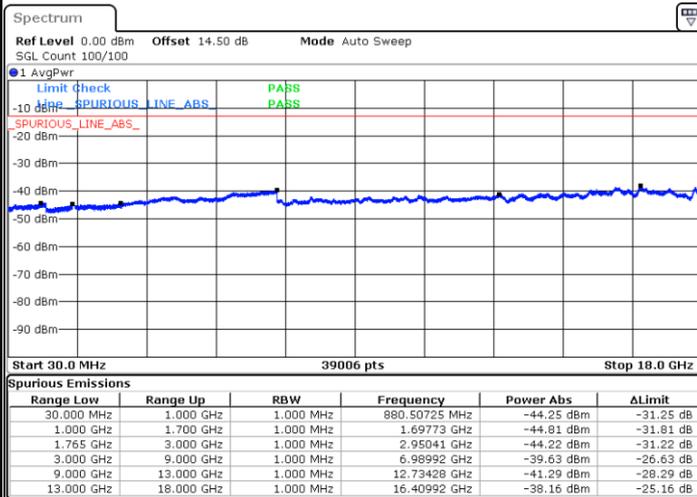
Highest Channel / 16QAM



Date: 17.NOV.2017 00:46:24

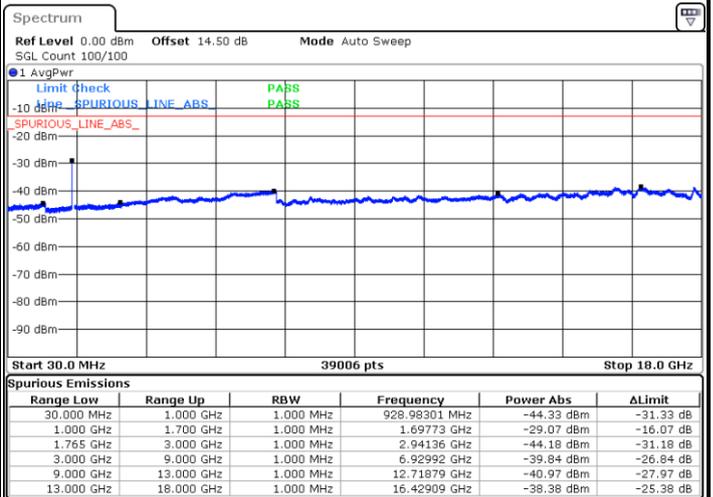
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 17.NOV.2017 00:52:28

Lowest Channel / 16QAM

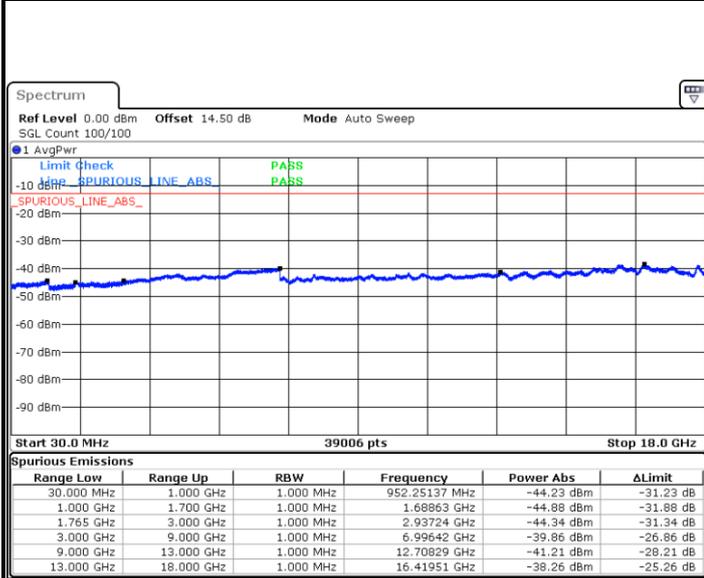


Date: 17.NOV.2017 00:53:21



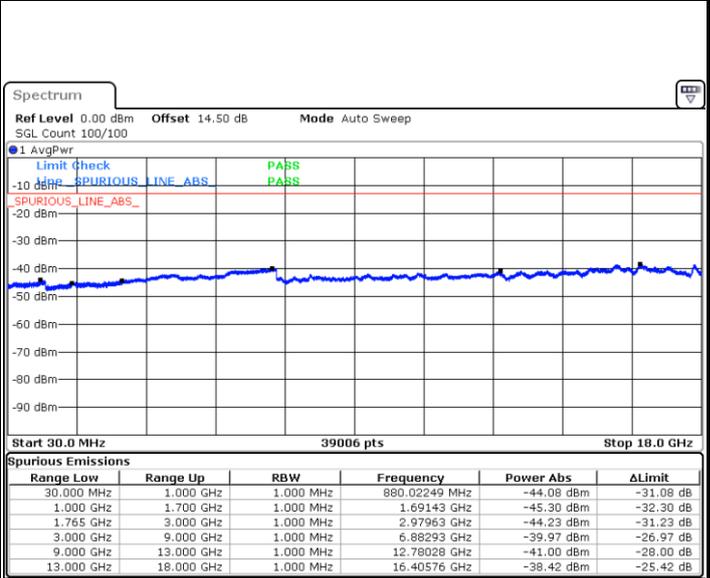
LTE Band 4 / 20MHz

Middle Channel / QPSK



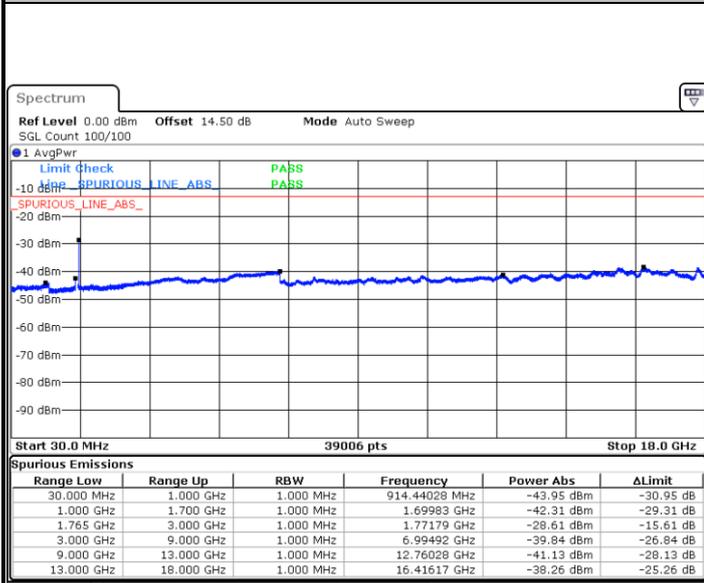
Date: 17.NOV.2017 00:54:54

Middle Channel / 16QAM



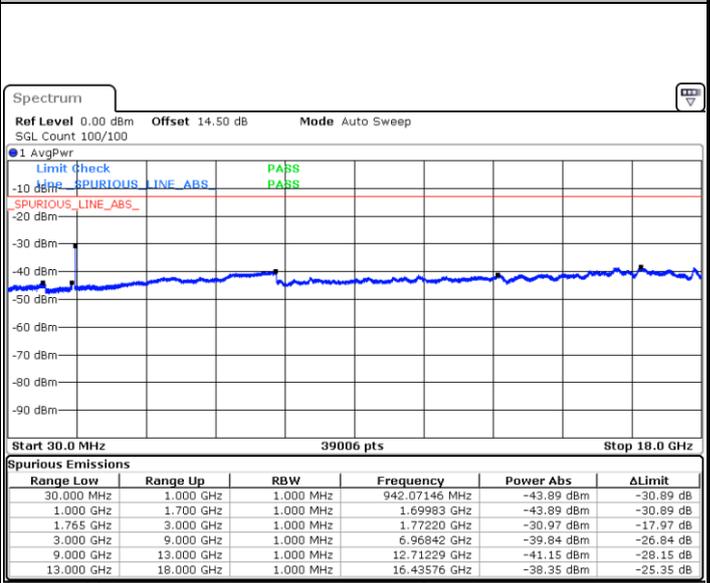
Date: 17.NOV.2017 00:55:47

Highest Channel / QPSK



Date: 17.NOV.2017 01:01:52

Highest Channel / 16QAM



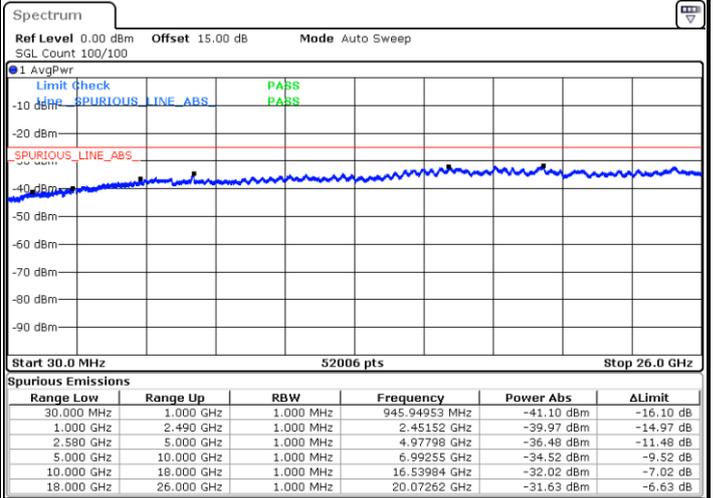
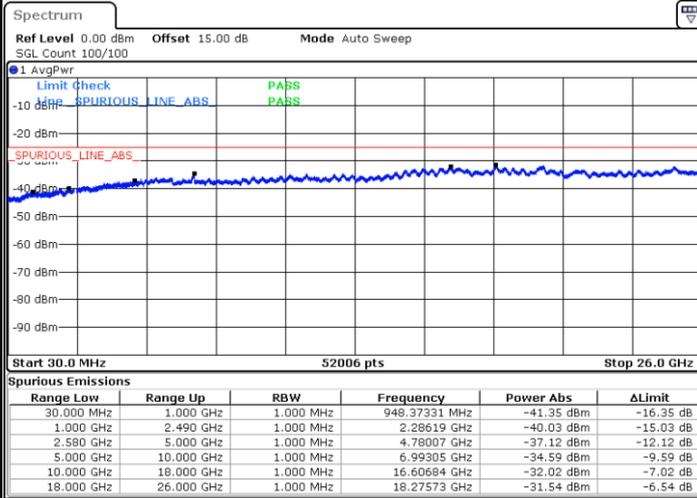
Date: 17.NOV.2017 01:02:45



LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

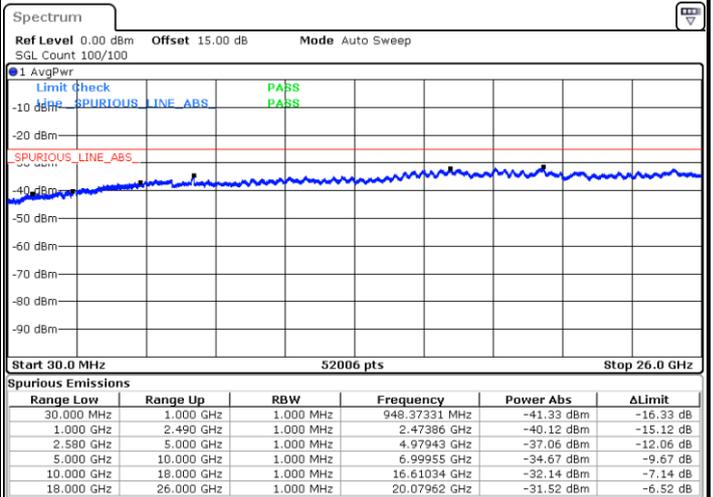
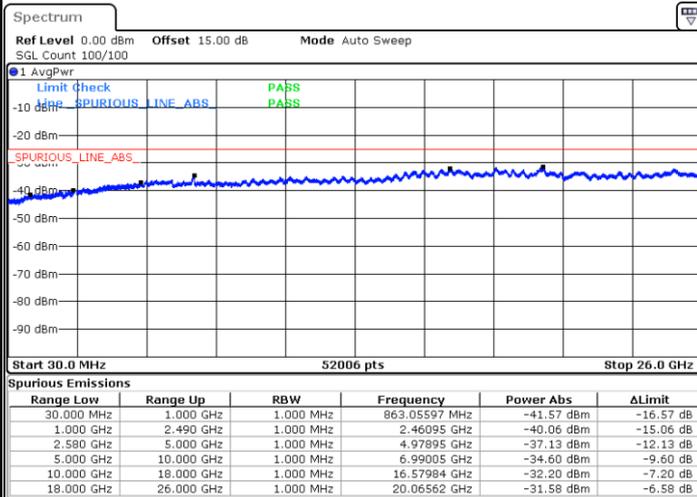


Date: 17.NOV.2017 18:30:21

Date: 17.NOV.2017 18:31:15

Middle Channel / QPSK

Middle Channel / 16QAM



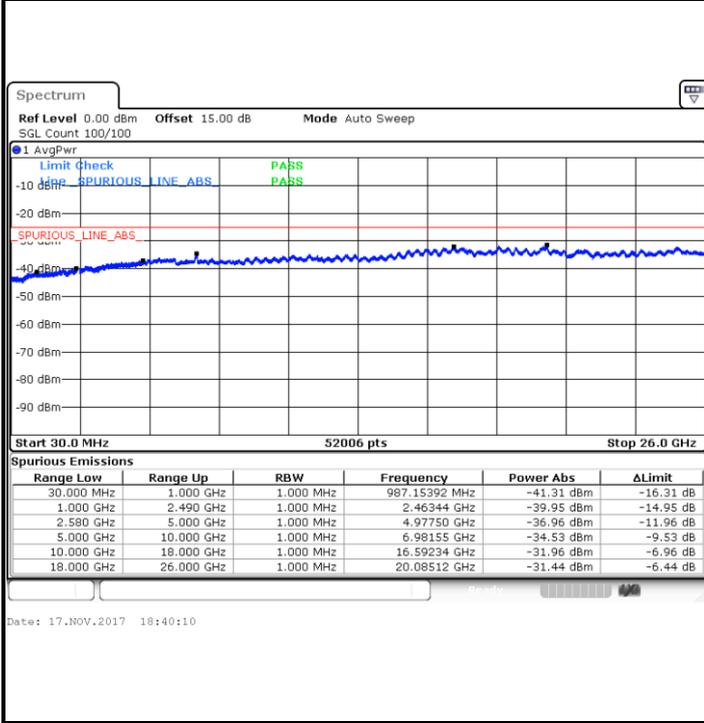
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Date: 17.NOV.2017 18:33:48

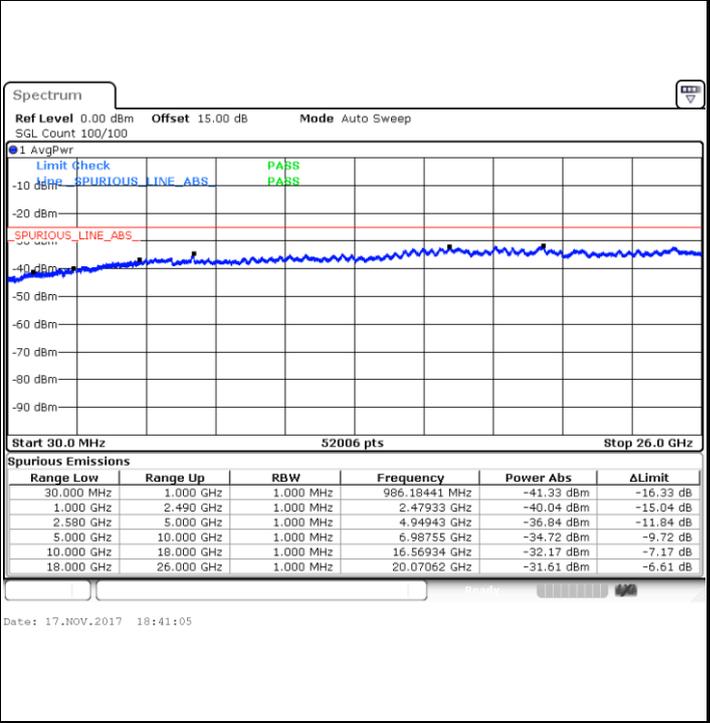


LTE Band 7 / 5MHz

Highest Channel / QPSK

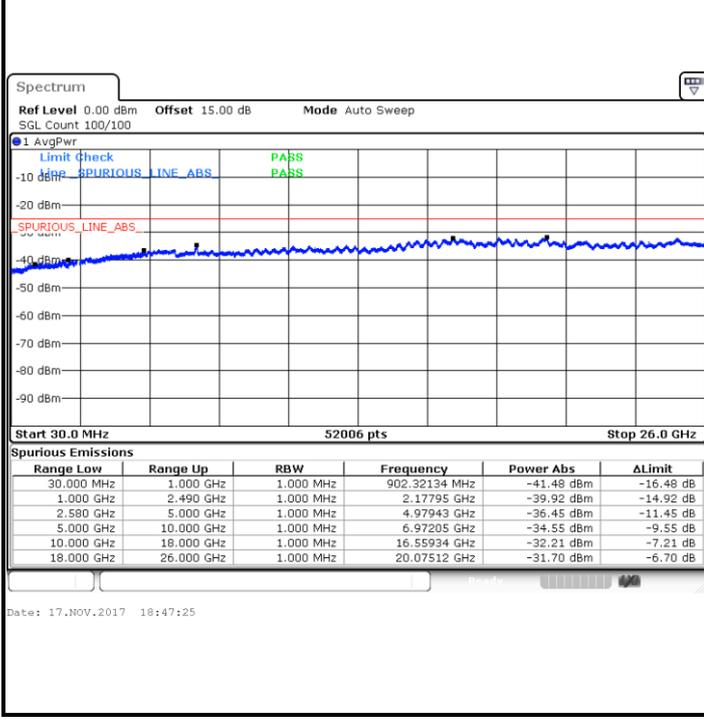


Highest Channel / 16QAM

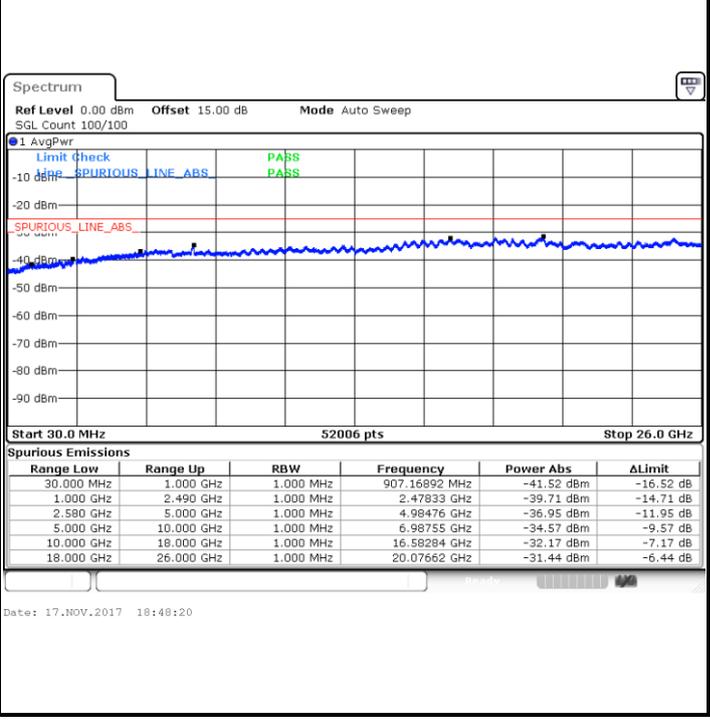


LTE Band 7 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

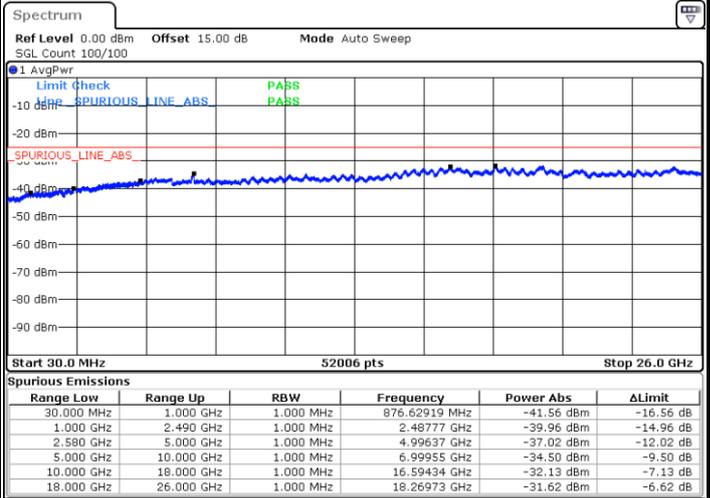
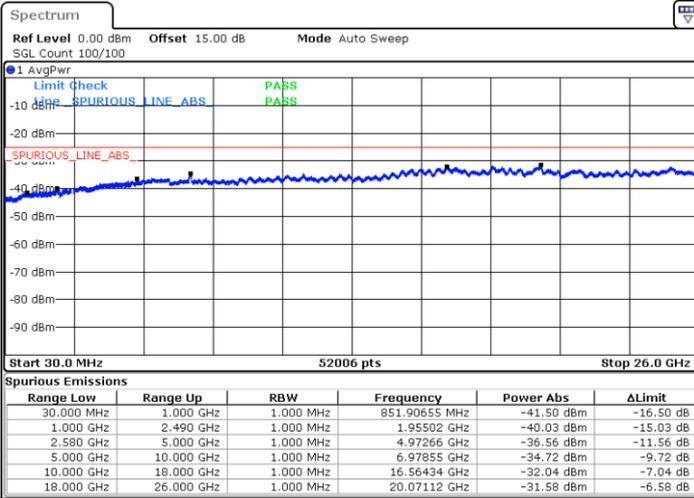




LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

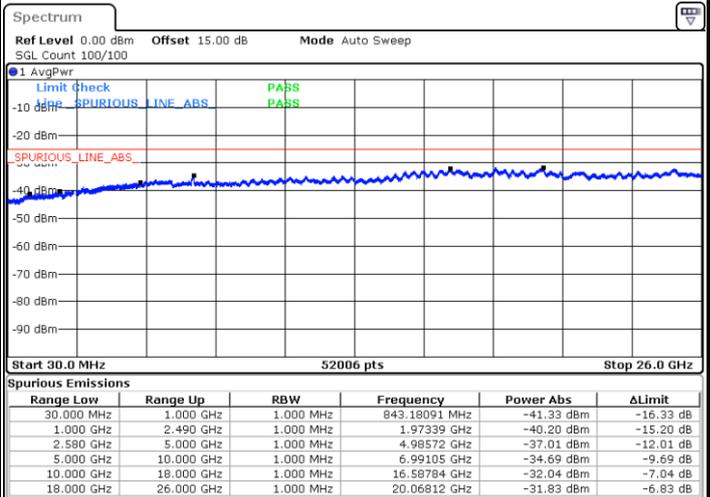
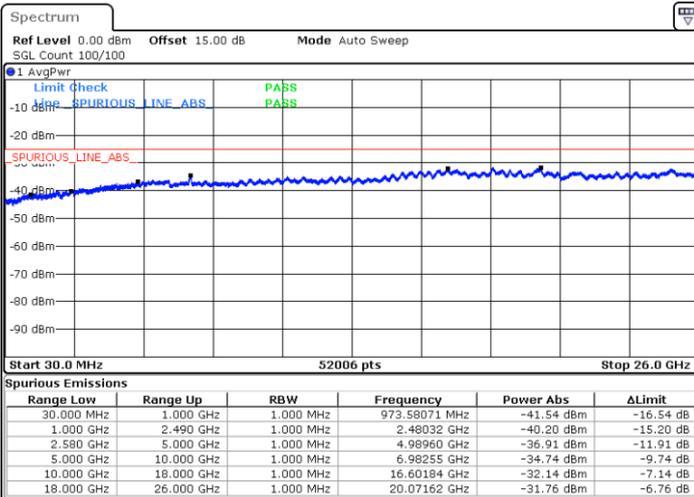


Date: 17.NOV.2017 18:49:59

Date: 17.NOV.2017 18:50:54

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.NOV.2017 18:57:16

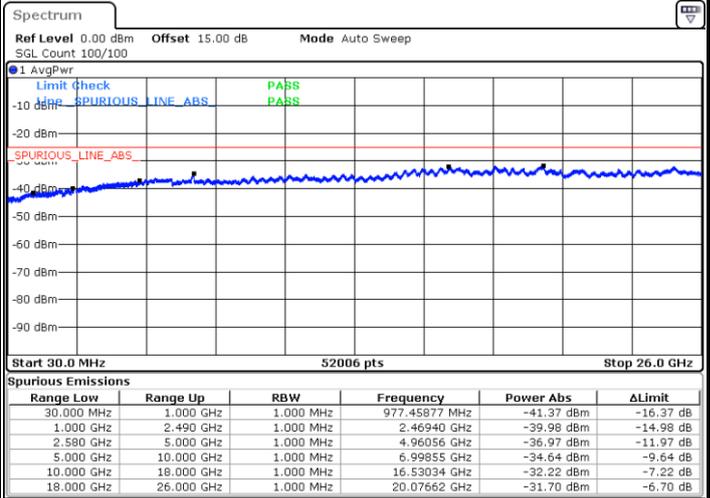
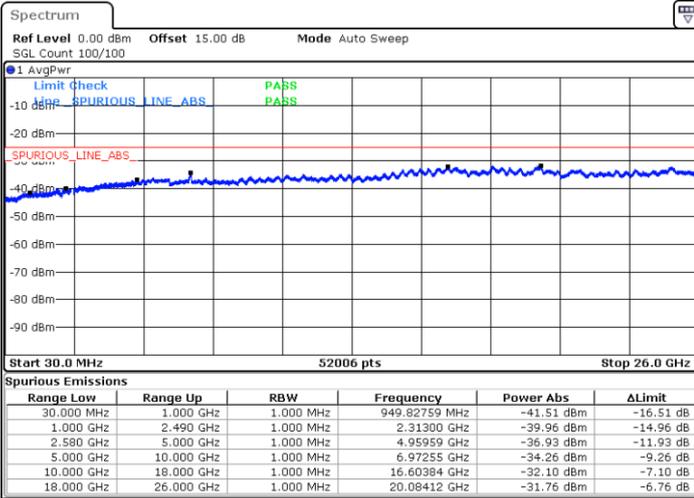
Date: 17.NOV.2017 18:58:10



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

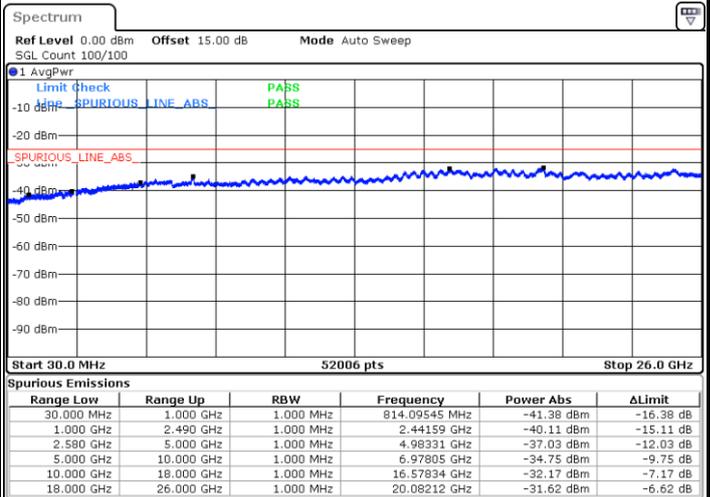
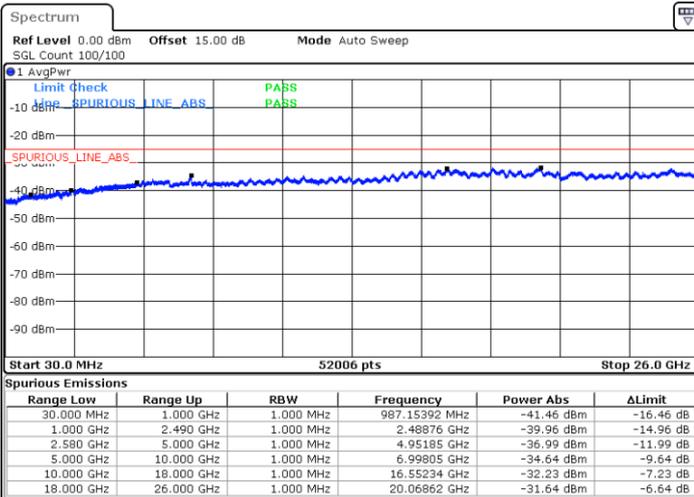


Date: 17.NOV.2017 19:04:31

Date: 17.NOV.2017 19:05:26

Middle Channel / QPSK

Middle Channel / 16QAM



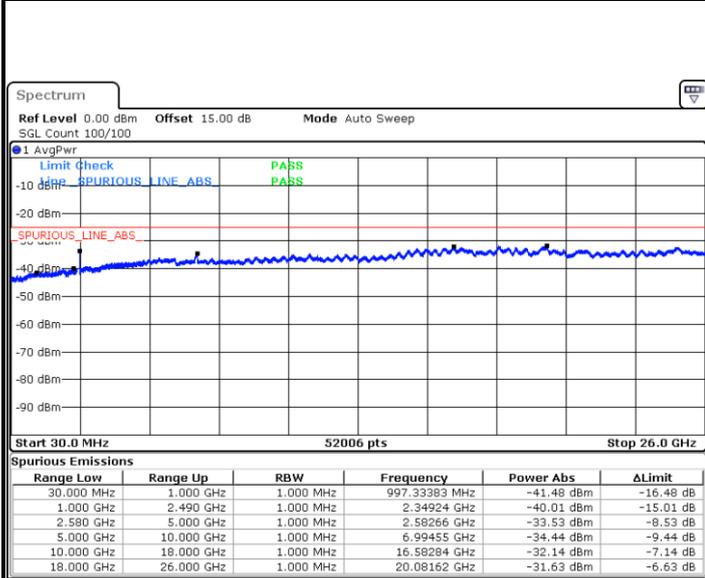
Date: 17.NOV.2017 19:07:05

Date: 17.NOV.2017 19:08:00



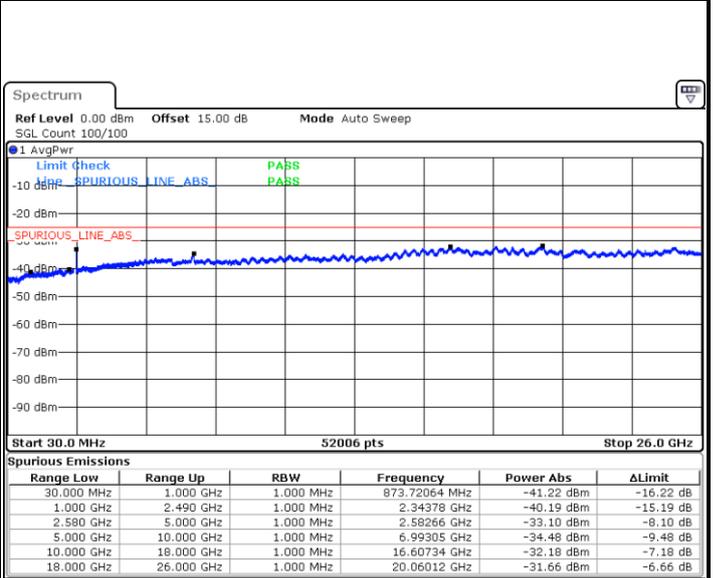
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 17.NOV.2017 19:14:22

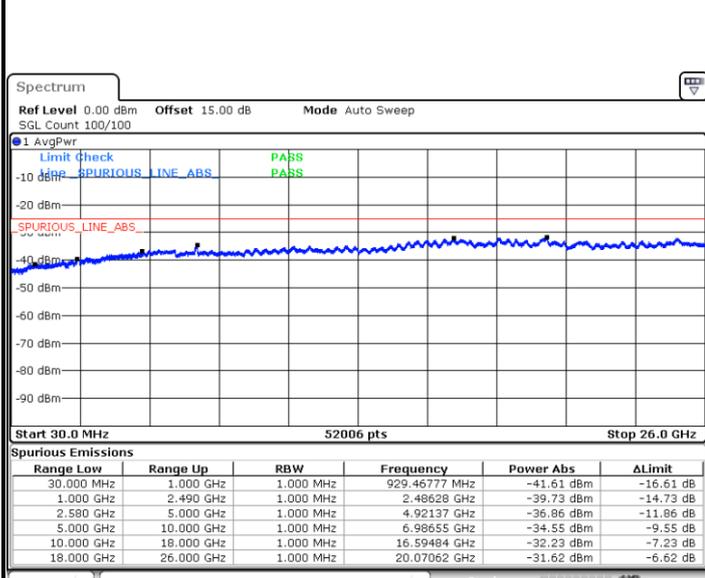
Highest Channel / 16QAM



Date: 17.NOV.2017 19:15:17

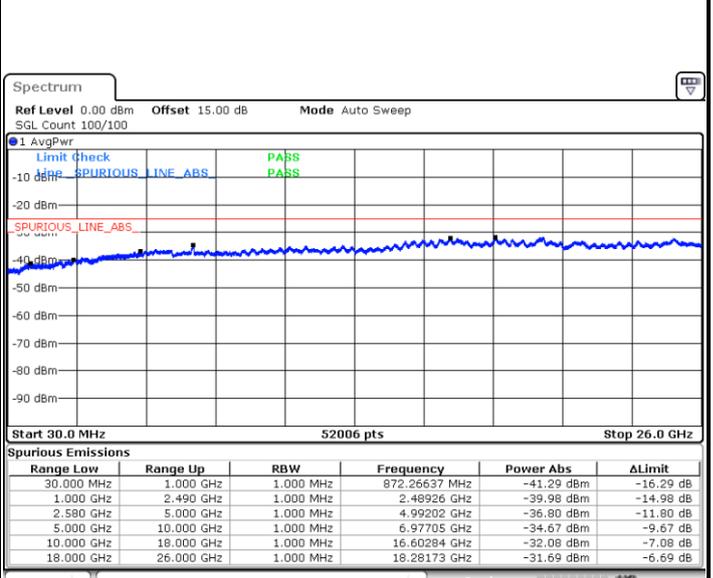
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 17.NOV.2017 19:21:37

Lowest Channel / 16QAM

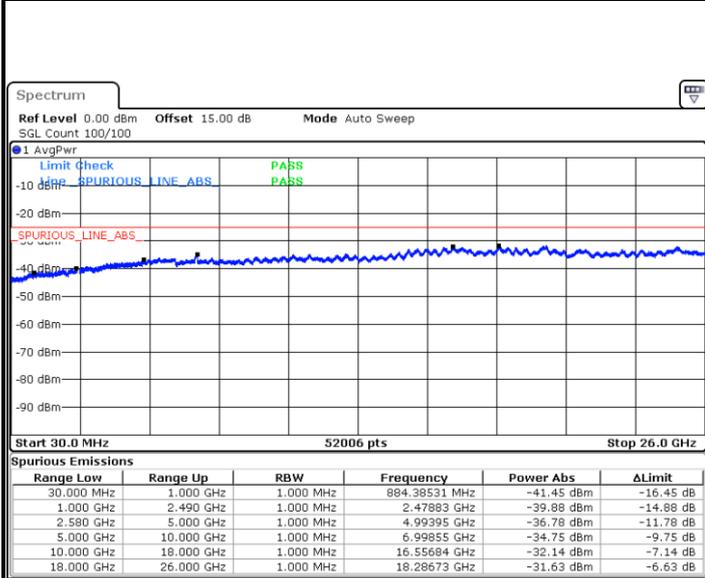


Date: 17.NOV.2017 19:22:32



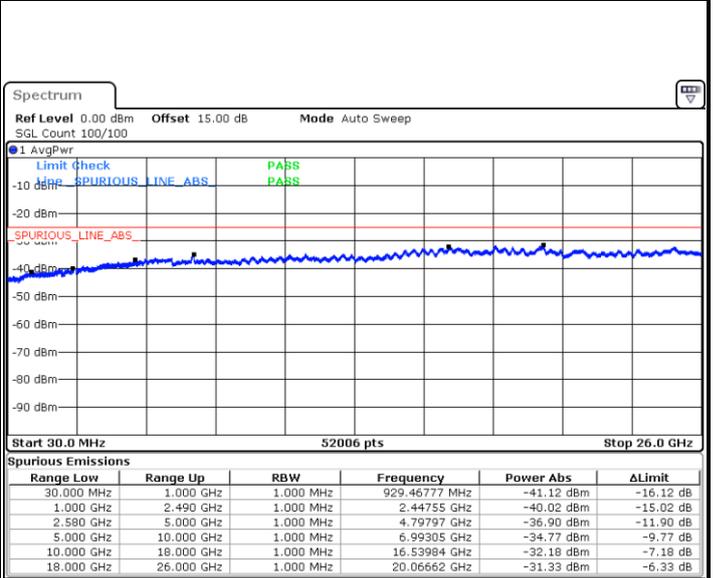
LTE Band 7 / 20MHz

Middle Channel / QPSK



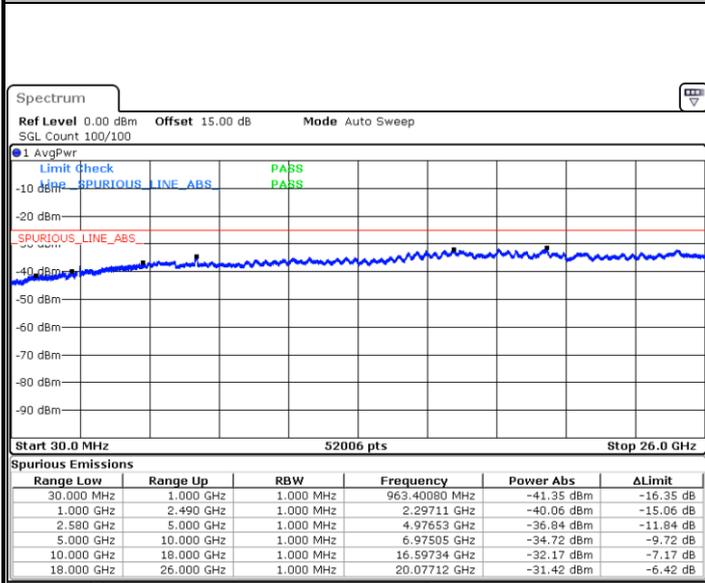
Date: 17.NOV.2017 19:24:11

Middle Channel / 16QAM



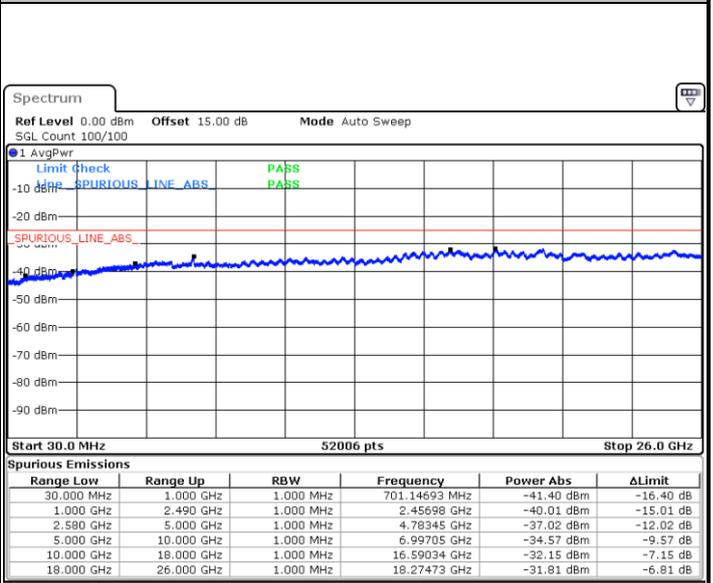
Date: 17.NOV.2017 19:25:06

Highest Channel / QPSK



Date: 17.NOV.2017 19:31:28

Highest Channel / 16QAM

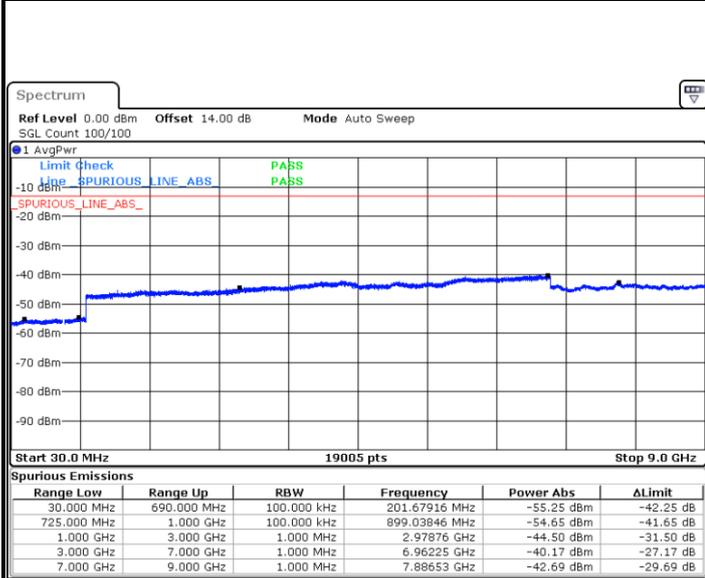


Date: 17.NOV.2017 19:32:22



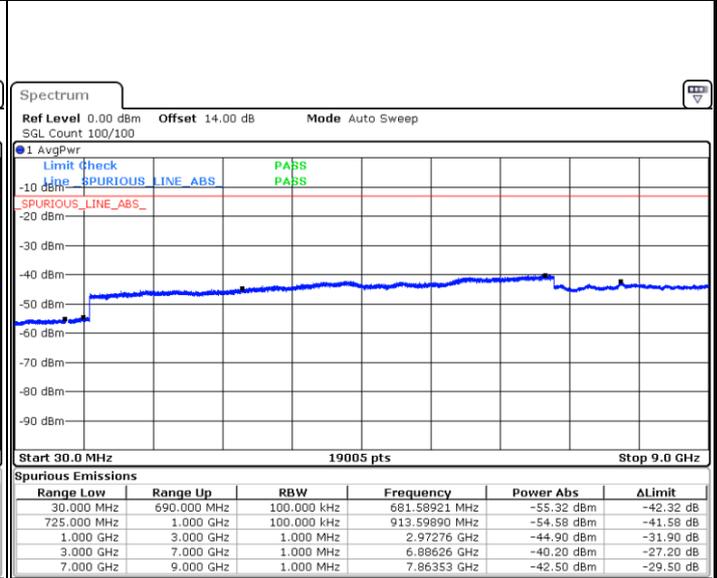
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



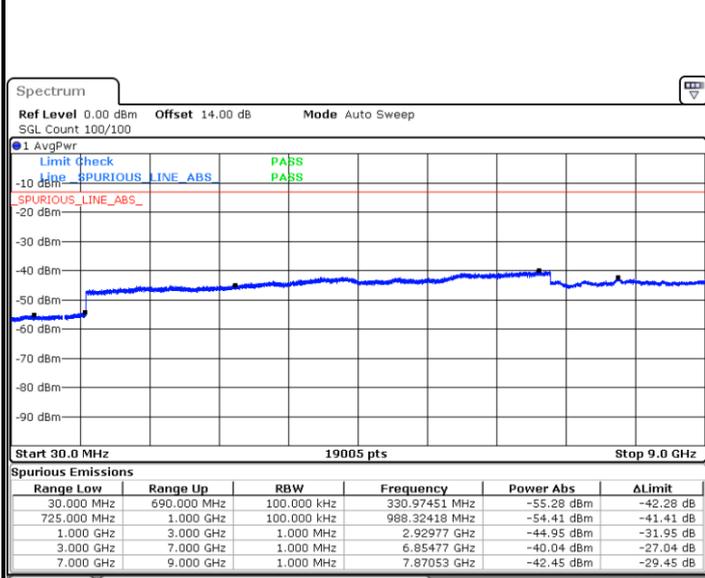
Date: 10.NOV.2017 05:48:06

Lowest Channel / 16QAM



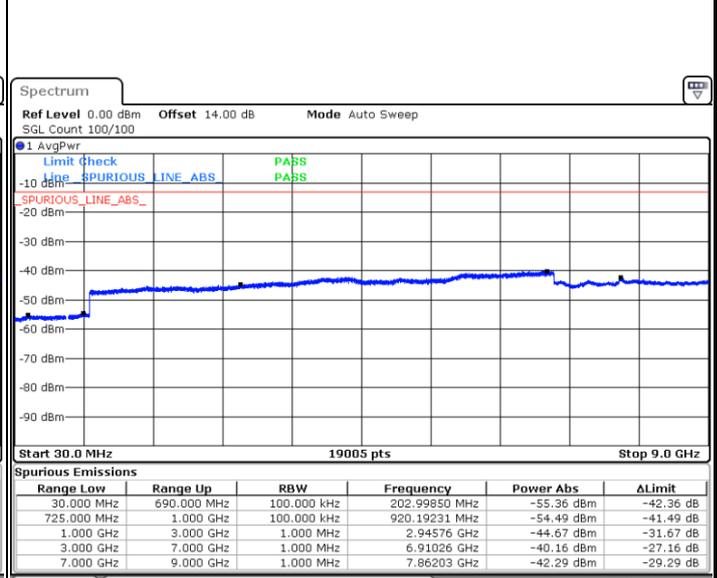
Date: 10.NOV.2017 05:48:59

Middle Channel / QPSK



Date: 10.NOV.2017 05:50:31

Middle Channel / 16QAM

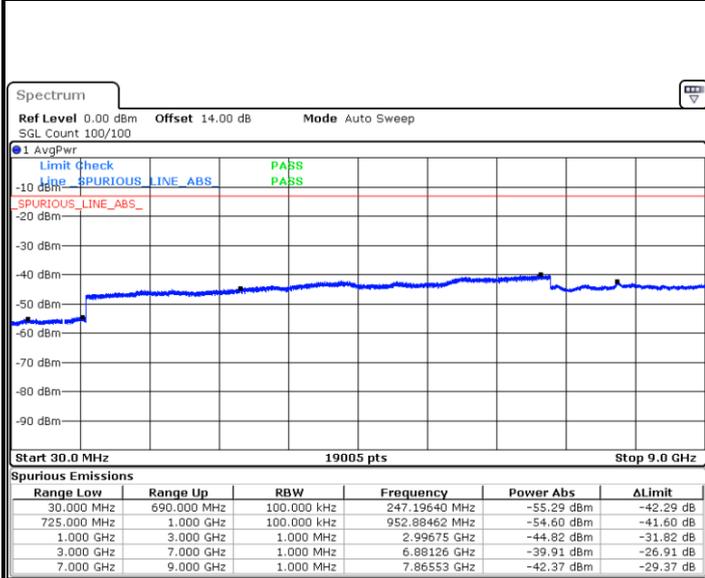


Date: 10.NOV.2017 05:51:24



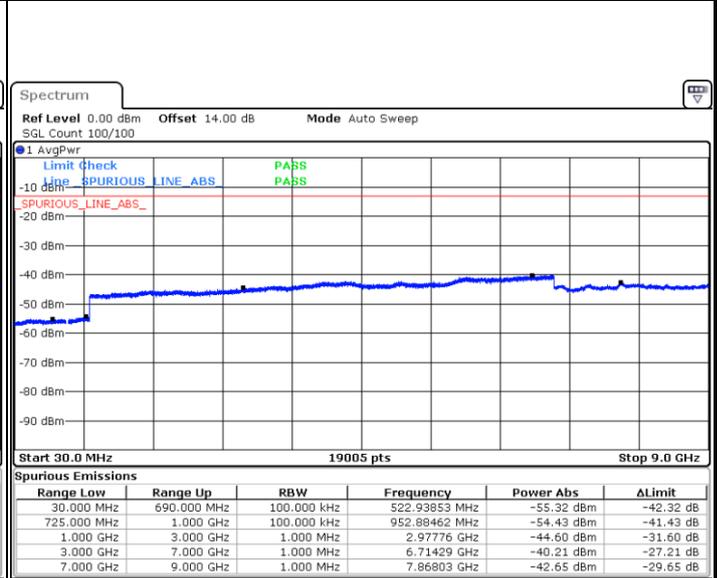
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 10.NOV.2017 05:57:28

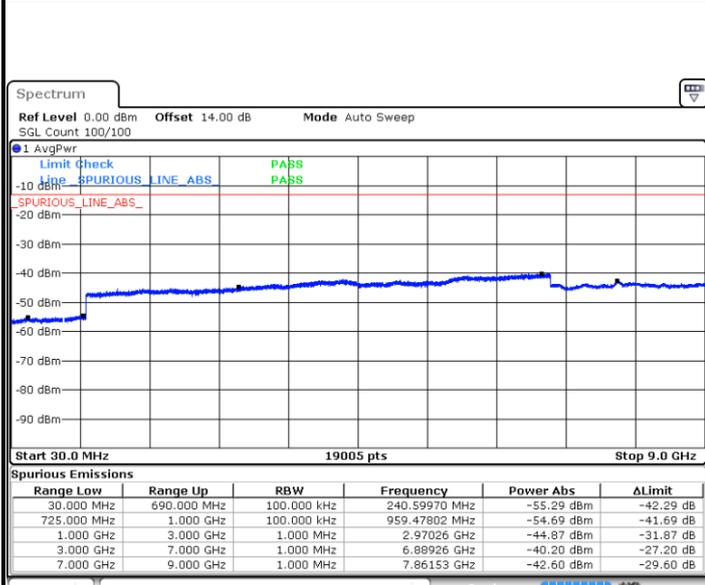
Highest Channel / 16QAM



Date: 10.NOV.2017 05:58:21

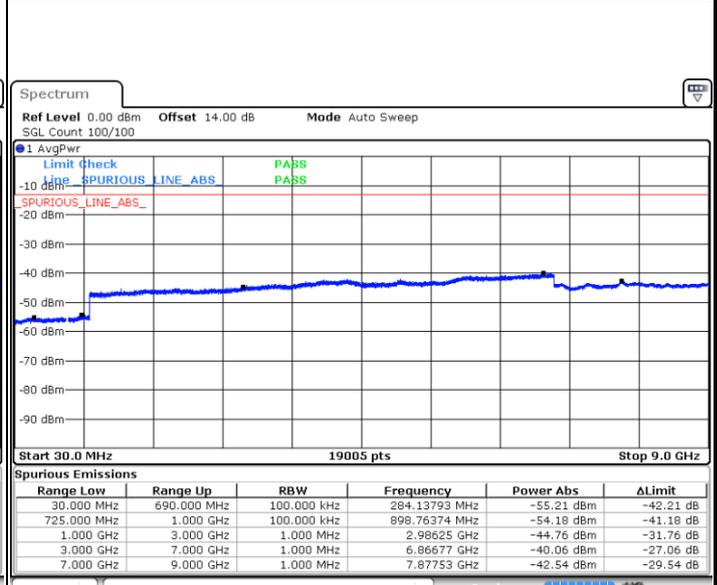
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 10.NOV.2017 06:04:25

Lowest Channel / 16QAM



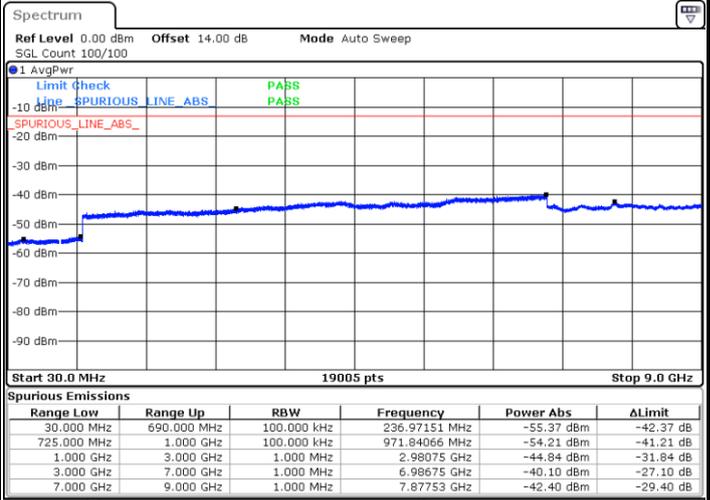
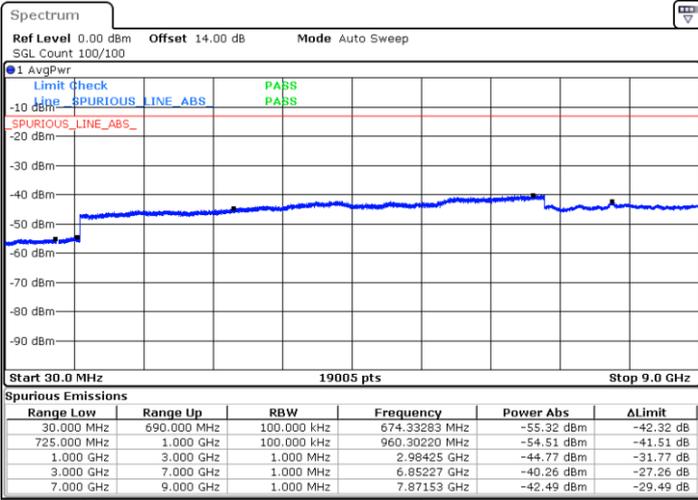
Date: 10.NOV.2017 06:05:18



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

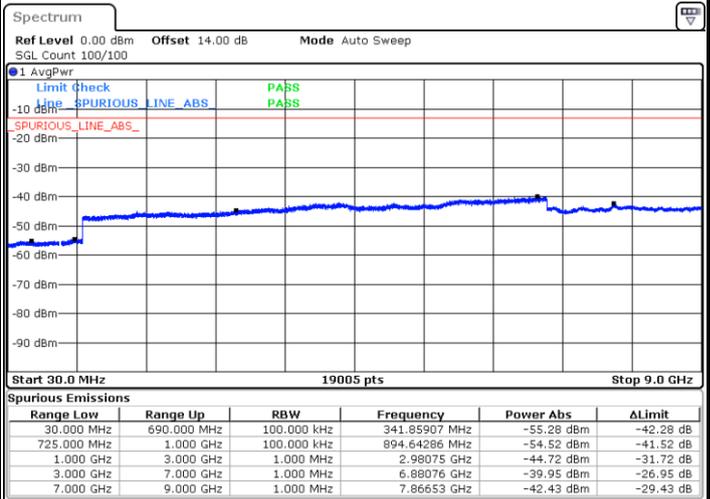
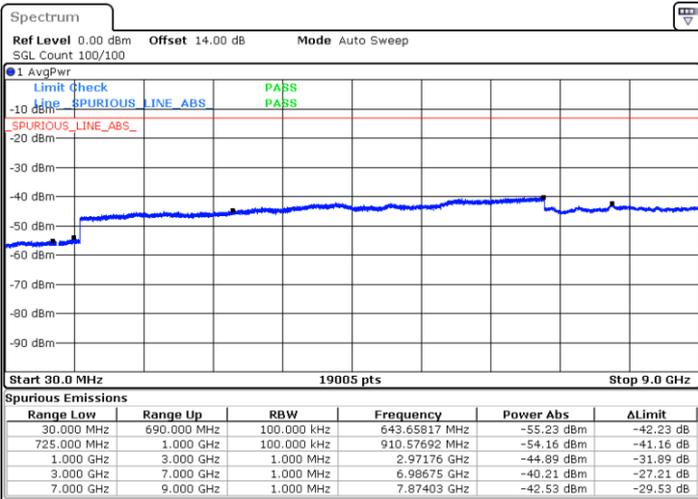


Date: 10.NOV.2017 06:06:51

Date: 10.NOV.2017 06:07:44

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.NOV.2017 06:13:48

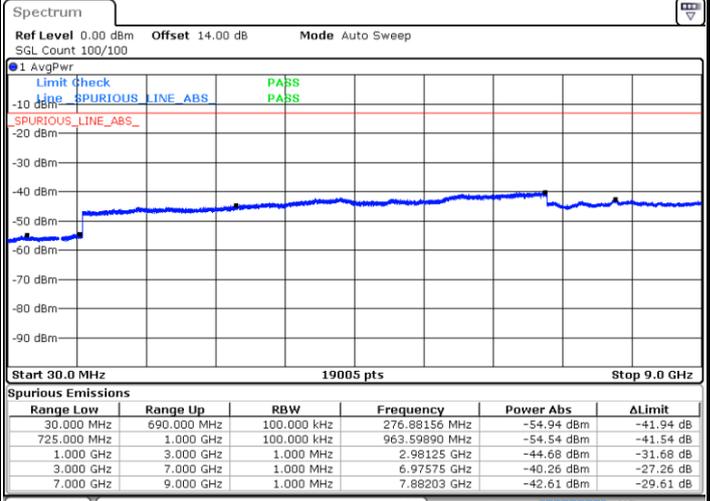
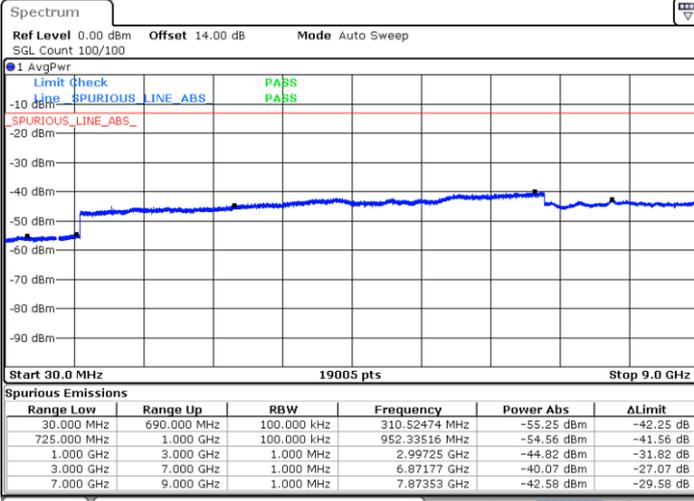
Date: 10.NOV.2017 06:14:41



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

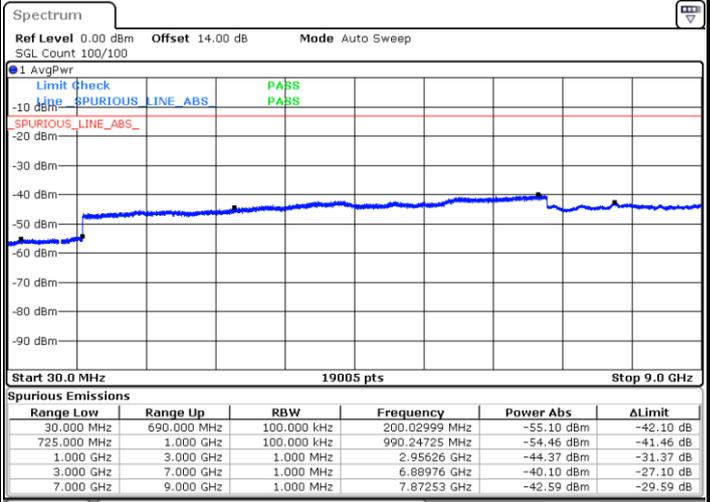
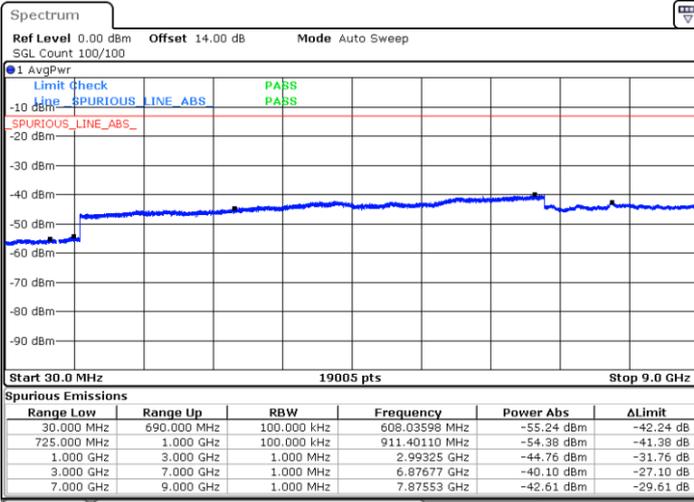


Date: 10.NOV.2017 06:20:46

Date: 10.NOV.2017 06:21:39

Middle Channel / QPSK

Middle Channel / 16QAM



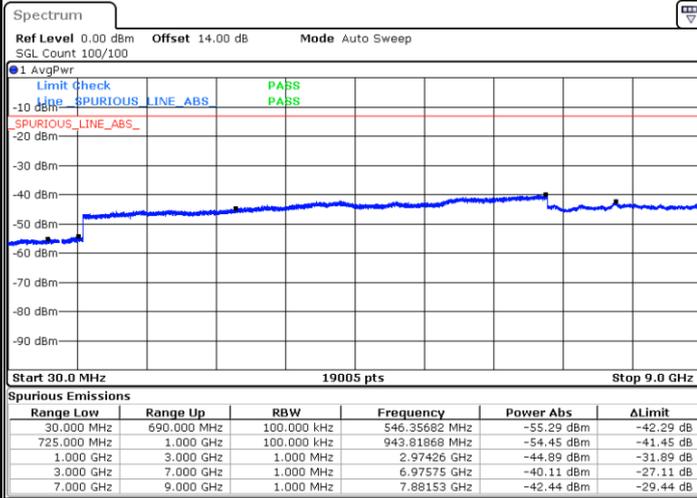
Date: 10.NOV.2017 06:23:12

Date: 10.NOV.2017 06:24:05



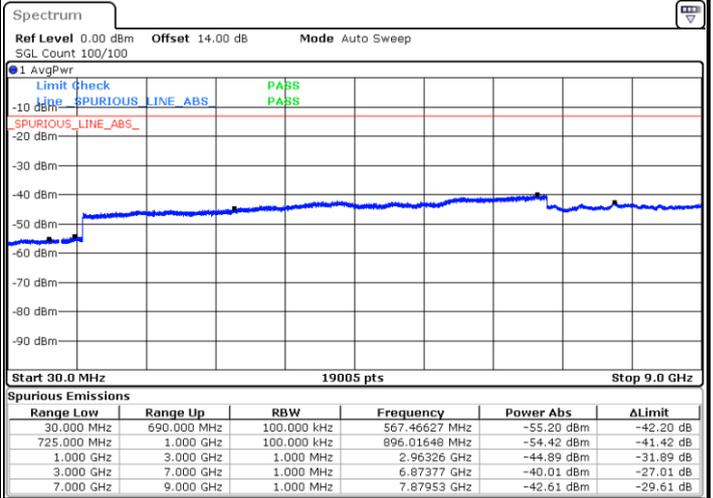
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 10.NOV.2017 06:30:09

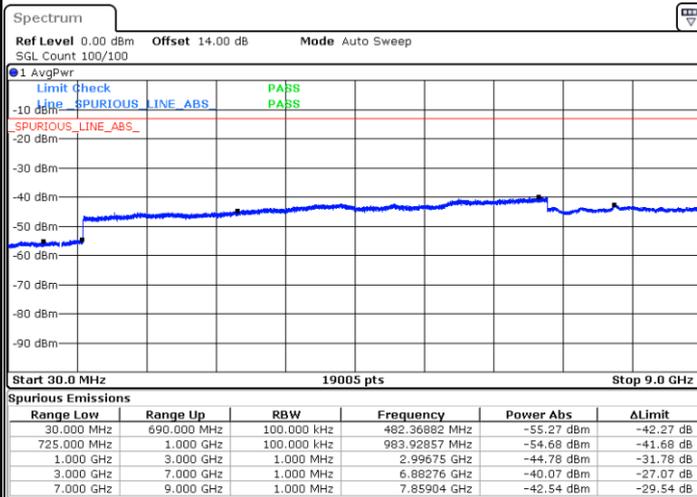
Highest Channel / 16QAM



Date: 10.NOV.2017 06:31:03

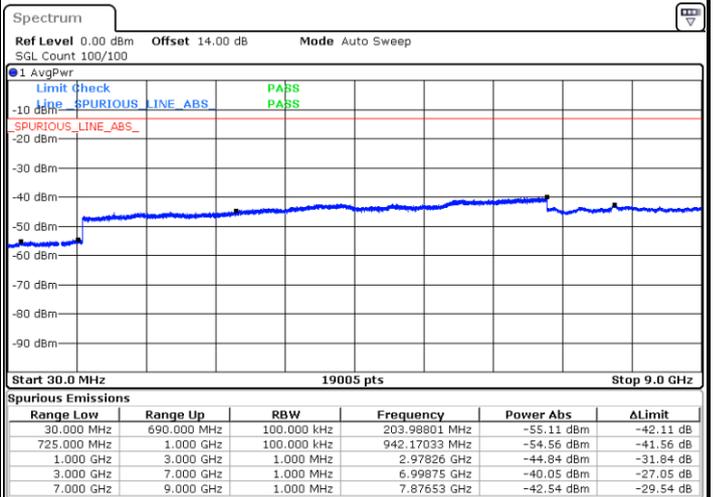
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 10.NOV.2017 06:37:07

Lowest Channel / 16QAM



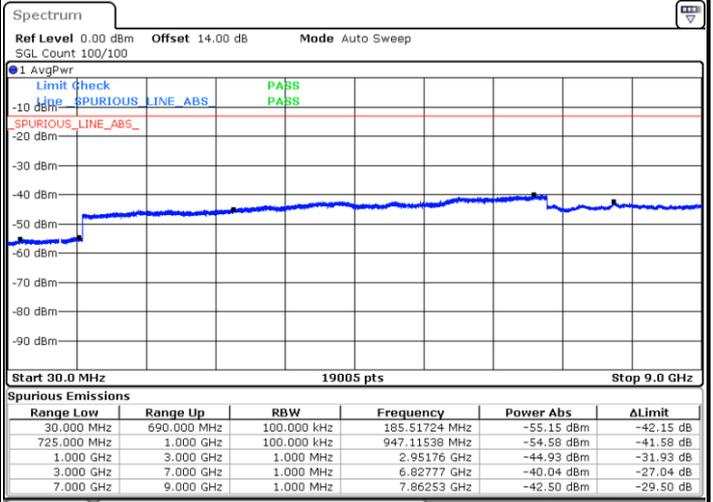
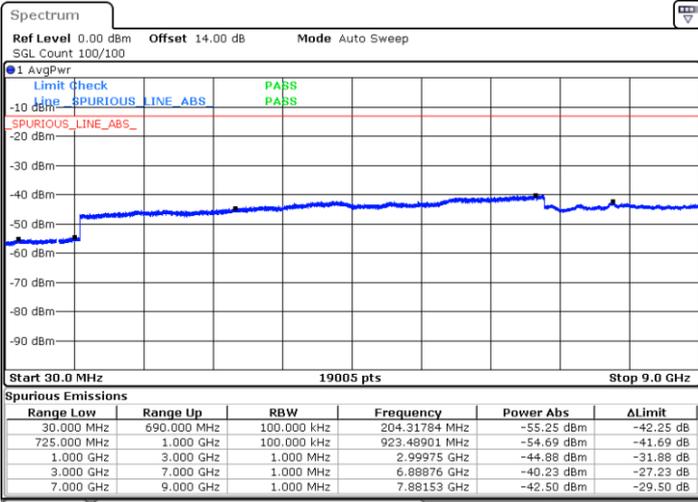
Date: 10.NOV.2017 06:38:00



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

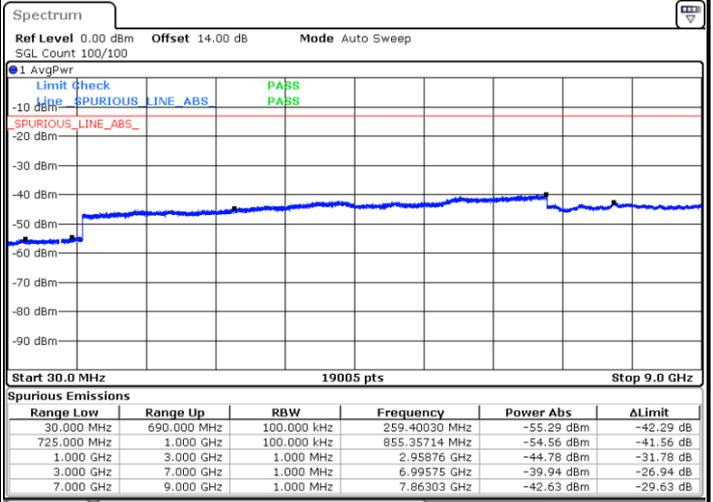
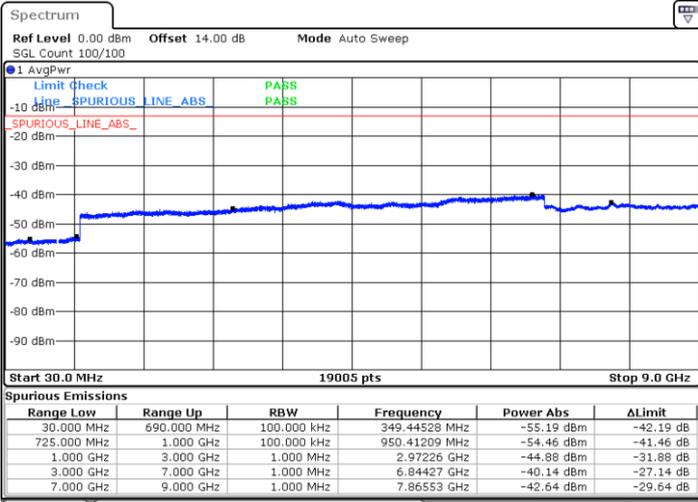


Date: 10.NOV.2017 06:39:32

Date: 10.NOV.2017 06:40:25

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.NOV.2017 06:46:29

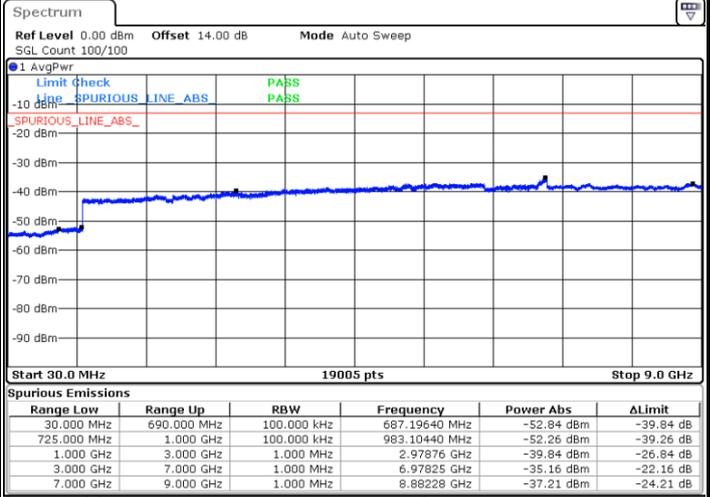
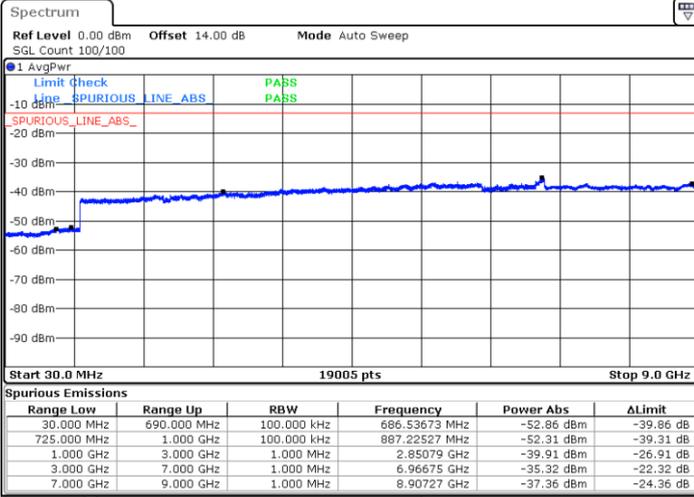
Date: 10.NOV.2017 06:47:22



LTE Band 17 / 5MHz

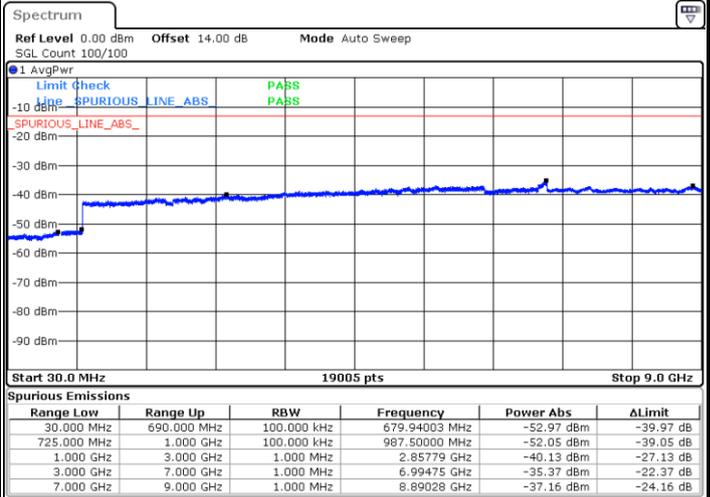
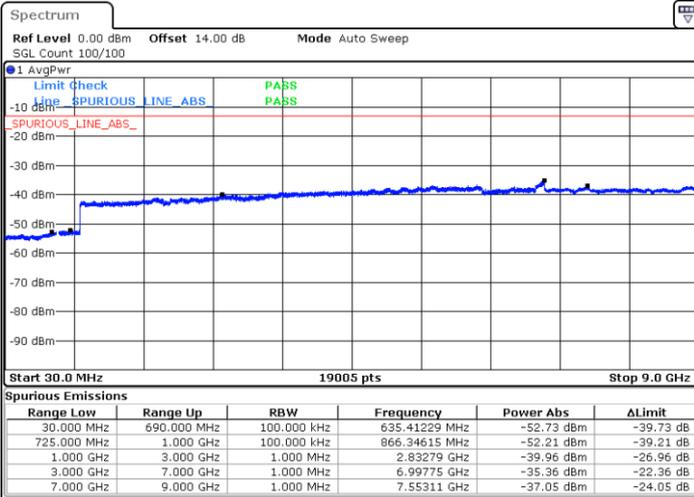
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

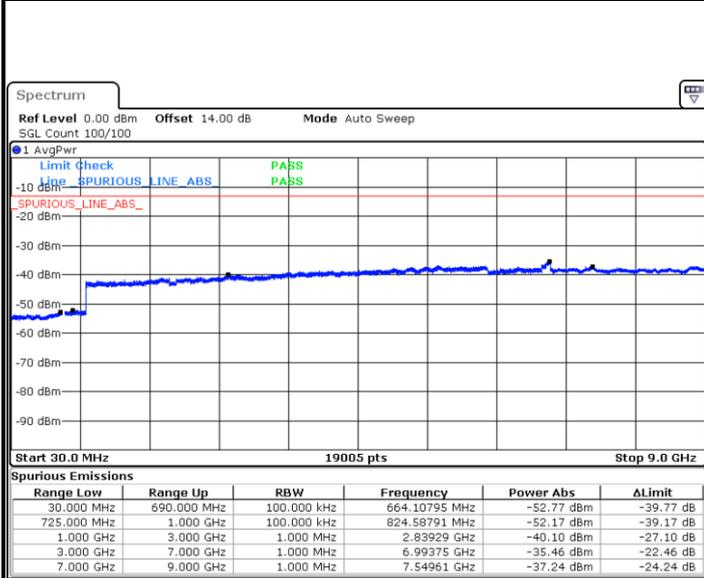
Middle Channel / 16QAM





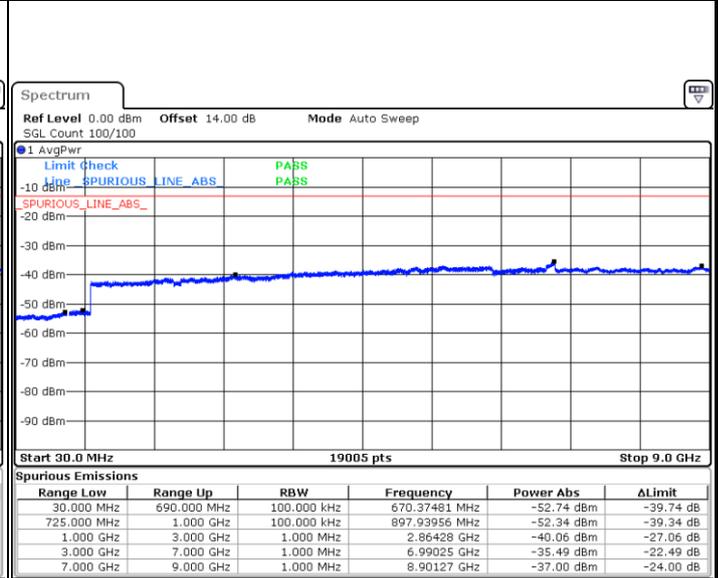
LTE Band 17 / 5MHz

Highest Channel / QPSK



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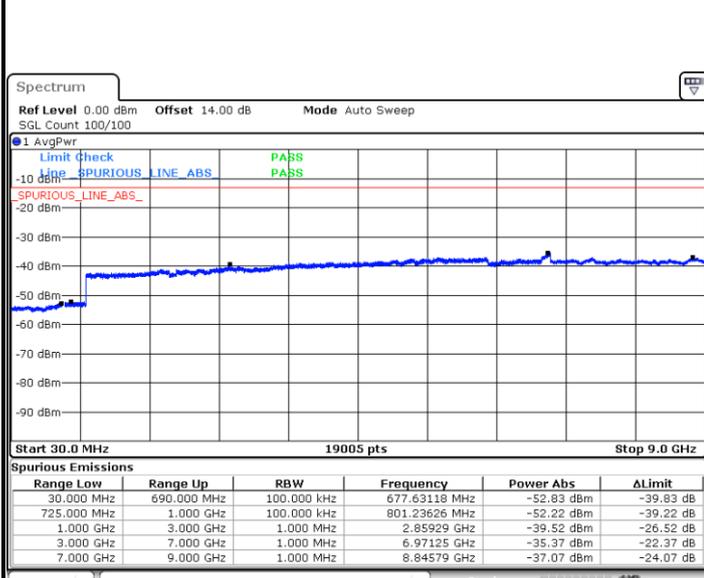
Highest Channel / 16QAM



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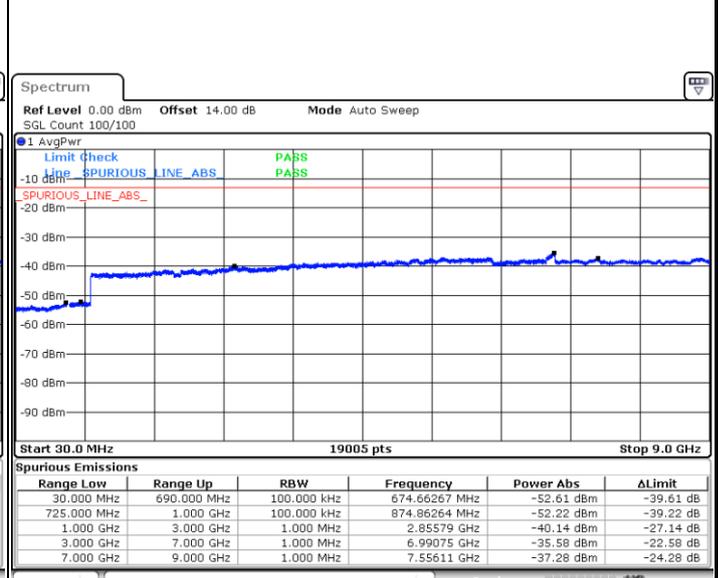
LTE Band 17 / 10MHz

Lowest Channel / QPSK



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Lowest Channel / 16QAM

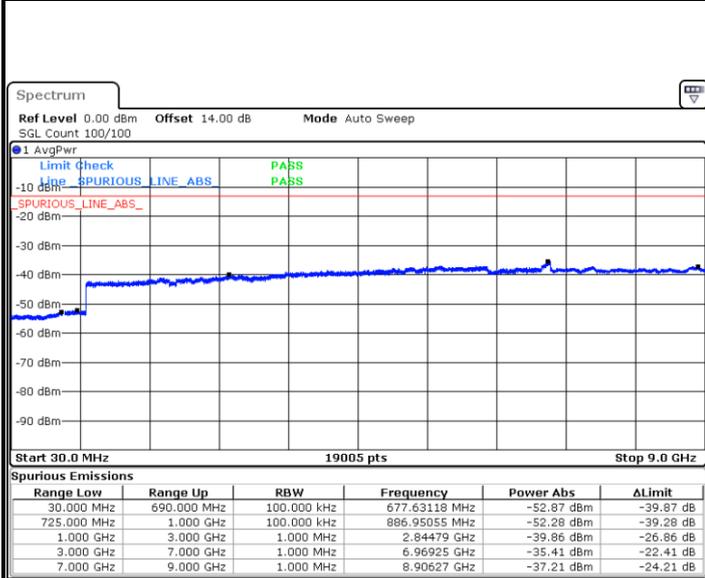


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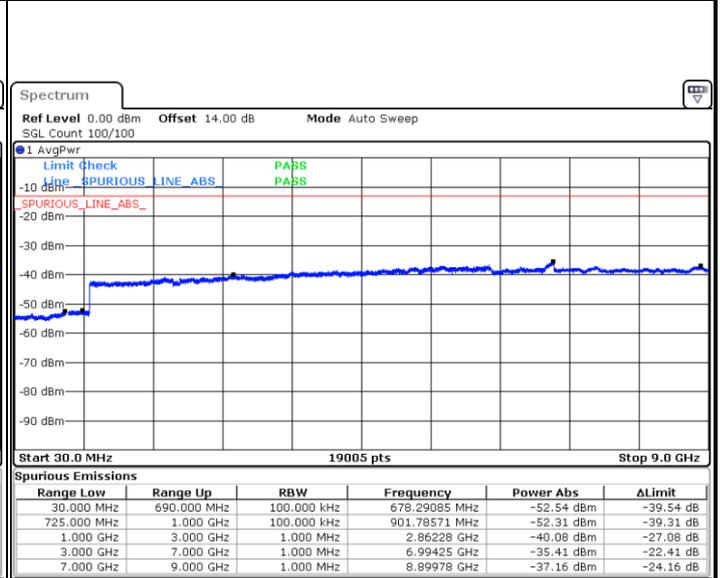
LTE Band 17 / 10MHz

Middle Channel / QPSK



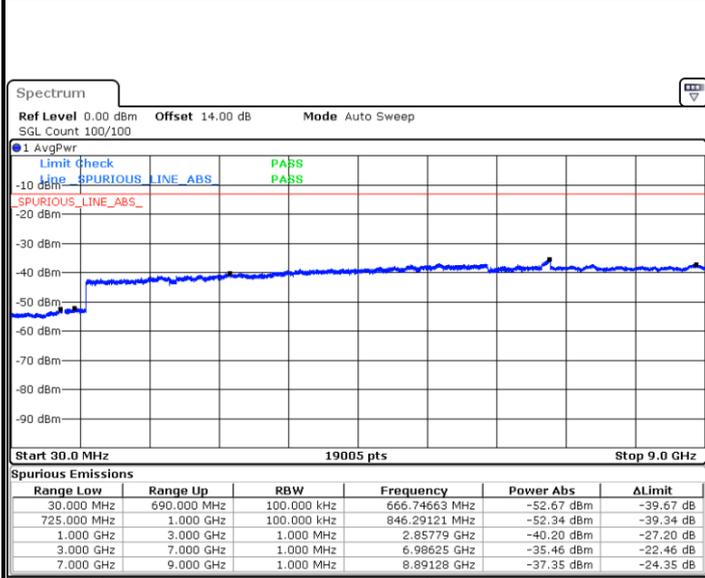
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Middle Channel / 16QAM



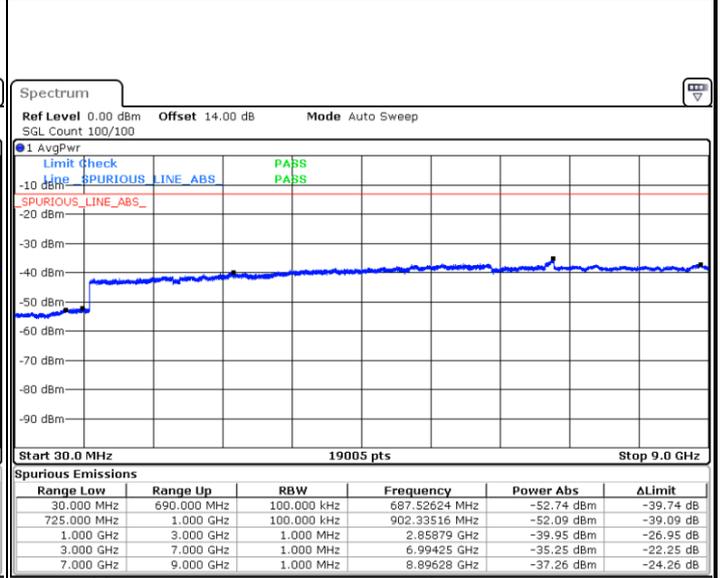
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Highest Channel / QPSK



Date: 17.NOV.2017 20:23:30

Highest Channel / 16QAM



Date: 17.NOV.2017 20:24:27



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	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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	0.0003	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		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	0.0006	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0052	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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	-62.21	-13	-49.21	-77.49	-68.25	6.56	12.60	H
	5638.38	-59.86	-13	-46.86	-79.21	-64.96	8.00	13.10	H
	7517.84	-55.03	-13	-42.03	-78.73	-56.76	9.57	11.30	H
	3758.92	-61.81	-13	-48.81	-77.36	-67.85	6.56	12.60	V
	5638.38	-58.99	-13	-45.99	-78.91	-64.09	8.00	13.10	V
	7517.84	-54.68	-13	-41.68	-78.41	-56.41	9.57	11.30	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	-61.95	-13	-48.95	-77.23	-67.99	6.56	12.60	H
	5636.22	-59.91	-13	-46.91	-79.26	-65.01	8.00	13.10	H
	7514.96	-55.31	-13	-42.31	-79.04	-57.04	9.57	11.30	H
	3757.48	-61.60	-13	-48.60	-77.15	-67.64	6.56	12.60	V
	5636.22	-59.33	-13	-46.33	-79.25	-64.43	8.00	13.10	V
	7514.96	-55.10	-13	-42.10	-78.86	-56.83	9.57	11.30	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	-62.79	-13	-49.79	-78.07	-68.83	6.56	12.60	H
	5633.52	-60.16	-13	-47.16	-79.51	-65.26	8.00	13.10	H
	7511.36	-55.62	-13	-42.62	-79.35	-57.35	9.57	11.30	H
	3755.68	-62.42	-13	-49.42	-77.97	-68.46	6.56	12.60	V
	5633.52	-59.61	-13	-46.61	-79.53	-64.71	8.00	13.10	V
	7511.36	-55.14	-13	-42.14	-78.9	-56.87	9.57	11.30	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	-62.91	-13	-49.91	-78.19	-68.95	6.56	12.60	H
	5626.77	-60.47	-13	-47.47	-79.89	-65.57	8.00	13.10	H
	7502	-55.83	-13	-42.83	-79.67	-57.56	9.57	11.30	H
	3751.18	-62.71	-13	-49.71	-78.26	-68.75	6.56	12.60	V
	5626.77	-59.73	-13	-46.73	-79.73	-64.83	8.00	13.10	V
	7502	-55.57	-13	-42.57	-79.42	-57.30	9.57	11.30	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	-62.89	-13	-49.89	-78.17	-68.93	6.56	12.60	H
	5620.02	-60.29	-13	-47.29	-79.71	-65.39	8.00	13.10	H
	7493.36	-55.37	-13	-42.37	-79.21	-57.10	9.57	11.30	H
	3746.68	-62.41	-13	-49.41	-77.96	-68.45	6.56	12.60	V
	5620.02	-59.74	-13	-46.74	-79.74	-64.84	8.00	13.10	V
	7493.36	-55.27	-13	-42.27	-79.12	-57.00	9.57	11.30	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	-62.87	-13	-49.87	-78.13	-68.91	6.56	12.60	H
	5613.27	-60.32	-13	-47.32	-79.81	-65.42	8.00	13.10	H
	7484.36	-55.50	-13	-42.50	-79.45	-57.23	9.57	11.30	H
	3742.18	-62.53	-13	-49.53	-78.08	-68.57	6.56	12.60	V
	5613.27	-59.56	-13	-46.56	-79.63	-64.66	8.00	13.10	V
	7484.36	-55.48	-13	-42.48	-79.42	-57.21	9.57	11.30	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	-63.05	-13	-50.05	-76.87	-69.47	6.18	12.60	H
	5195.61	-59.82	-13	-46.82	-79.15	-64.78	7.74	12.70	H
	6927.48	-56.73	-13	-43.73	-78.94	-59.43	9.00	11.70	H
	3463.74	-63.20	-13	-50.20	-77.38	-69.62	6.18	12.60	V
	5195.61	-59.18	-13	-46.18	-79.18	-64.14	7.74	12.70	V
	6927.48	-56.41	-13	-43.41	-79.15	-59.11	9.00	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	-62.90	-13	-49.90	-76.72	-69.32	6.18	12.60	H
	5193.72	-59.42	-13	-46.42	-78.76	-64.38	7.74	12.70	H
	6924.96	-56.44	-13	-43.44	-78.65	-59.14	9.00	11.70	H
	3462.48	-62.65	-13	-49.65	-76.83	-69.07	6.18	12.60	V
	5193.72	-59.11	-13	-46.11	-79.12	-64.07	7.74	12.70	V
	6924.96	-56.27	-13	-43.27	-79.01	-58.97	9.00	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	-63.21	-13	-50.21	-77.03	-69.63	6.18	12.60	H
	5191.02	-59.58	-13	-46.58	-78.92	-64.54	7.74	12.70	H
	6921.36	-56.58	-13	-43.58	-78.65	-59.28	9.00	11.70	H
	3460.68	-63.02	-13	-50.02	-77.2	-69.44	6.18	12.60	V
	5191.02	-59.02	-13	-46.02	-79.03	-63.98	7.74	12.70	V
	6921.36	-56.03	-13	-43.03	-78.65	-58.73	9.00	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	-63.15	-13	-50.15	-76.81	-69.57	6.18	12.60	H
	5184.27	-59.72	-13	-46.72	-79.06	-64.68	7.74	12.70	H
	6912.36	-56.81	-13	-43.81	-78.88	-59.51	9.00	11.70	H
	3456.18	-62.76	-13	-49.76	-76.77	-69.18	6.18	12.60	V
	5184.27	-59.10	-13	-46.10	-79.12	-64.06	7.74	12.70	V
	6912.36	-56.39	-13	-43.39	-79.01	-59.09	9.00	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	-63.33	-13	-50.33	-76.99	-69.75	6.18	12.60	H
	5177.52	-59.38	-13	-46.38	-78.72	-64.34	7.74	12.70	H
	6903.36	-57.08	-13	-44.08	-79.02	-59.78	9.00	11.70	H
	3451.68	-63.02	-13	-50.02	-77.03	-69.44	6.18	12.60	V
	5177.52	-59.04	-13	-46.04	-79.06	-64.00	7.74	12.70	V
	6903.36	-56.41	-13	-43.41	-78.91	-59.11	9.00	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	-62.96	-13	-49.96	-76.62	-69.38	6.18	12.60	H
	5170.77	-59.51	-13	-46.51	-78.84	-64.47	7.74	12.70	H
	6894.36	-56.98	-13	-43.98	-78.93	-59.68	9.00	11.70	H
	3447.18	-62.82	-13	-49.82	-76.83	-69.24	6.18	12.60	V
	5170.77	-59.01	-13	-46.01	-79.04	-63.97	7.74	12.70	V
	6894.36	-56.52	-13	-43.52	-79.03	-59.22	9.00	11.70	V

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



LTE Band 7 / 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	5065.68	-56.42	-25	-31.42	-75.76	-68.18	0.94	12.70	H
	7598.52	-55.44	-25	-30.44	-78.50	-65.45	1.69	11.70	H
	10131.36	-52.08	-25	-27.08	-79.48	-62.74	1.44	12.10	H
	5065.68	-58.20	-25	-33.20	-78.33	-69.96	0.94	12.70	V
	7598.52	-55.47	-25	-30.47	-78.66	-65.48	1.69	11.70	V
	10131.36	-52.54	-25	-27.54	-79.71	-63.20	1.44	12.10	V

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

LTE Band 7 / 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	5061.18	-56.37	-25	-31.37	-75.71	-68.13	0.94	12.70	H
	7591.77	-55.64	-25	-30.64	-78.70	-65.65	1.69	11.70	H
	10122.36	-52.02	-25	-27.02	-79.42	-62.68	1.44	12.10	H
	5061.18	-58.90	-25	-33.90	-79.03	-70.66	0.94	12.70	V
	7591.77	-55.45	-25	-30.45	-78.64	-65.46	1.69	11.70	V
	10122.36	-51.91	-25	-26.91	-79.08	-62.57	1.44	12.10	V

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



LTE Band 7 / 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	5056.68	-54.71	-25	-29.71	-74.05	-66.47	0.94	12.70	H
	7585.02	-55.49	-25	-30.49	-78.69	-65.50	1.69	11.70	H
	10113.36	-52.03	-25	-27.03	-79.49	-62.69	1.44	12.10	H
	5056.68	-57.36	-25	-32.36	-77.49	-69.12	0.94	12.70	V
	7585.02	-55.11	-25	-30.11	-78.42	-65.12	1.69	11.70	V
	10113.36	-52.11	-25	-27.11	-79.31	-62.77	1.44	12.10	V

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

LTE Band 7 / 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	5052.18	-54.34	-25	-29.34	-73.67	-66.10	0.94	12.70	H
	7578.27	-55.38	-25	-30.38	-78.58	-65.39	1.69	11.70	H
	10104.36	-52.39	-25	-27.39	-79.85	-63.05	1.44	12.10	H
	5052.18	-58.29	-25	-33.29	-78.43	-70.05	0.94	12.70	V
	7578.27	-55.54	-25	-30.54	-78.85	-65.55	1.69	11.70	V
	10104.36	-52.25	-25	-27.25	-79.45	-62.91	1.44	12.10	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	-67.30	-13	-54.30	-75.05	-73.99	0.56	9.40	H
	2120.61	-62.97	-13	-49.97	-74.48	-70.68	0.74	10.60	H
	2827.48	-64.00	-13	-51.00	-76.69	-73.60	0.85	12.60	H
	1413.74	-67.19	-13	-54.19	-74.59	-73.88	0.56	9.40	V
	2120.61	-61.54	-13	-48.54	-73.17	-69.25	0.74	10.60	V
	2827.48	-63.98	-13	-50.98	-76.73	-73.58	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	-67.37	-13	-54.37	-75.12	-74.06	0.56	9.40	H
	2118.45	-63.59	-13	-50.59	-75.10	-71.30	0.74	10.60	H
	2824.6	-64.14	-13	-51.14	-76.83	-73.74	0.85	12.60	H
	1412.3	-67.32	-13	-54.32	-74.72	-74.01	0.56	9.40	V
	2118.45	-62.30	-13	-49.30	-73.93	-70.01	0.74	10.60	V
	2824.6	-64.28	-13	-51.28	-77.03	-73.88	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	-66.92	-13	-53.92	-74.67	-73.61	0.56	9.40	H
	2115.75	-62.70	-13	-49.70	-74.21	-70.41	0.74	10.60	H
	2821	-63.87	-13	-50.87	-76.55	-73.47	0.85	12.60	H
	1410.5	-66.29	-13	-53.29	-73.69	-72.98	0.56	9.40	V
	2115.75	-61.31	-13	-48.31	-72.94	-69.02	0.74	10.60	V
	2821	-63.78	-13	-50.78	-76.52	-73.38	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	-67.19	-13	-54.19	-74.94	-73.88	0.56	9.40	H
	2109	-64.83	-13	-51.83	-76.09	-72.54	0.74	10.60	H
	2812	-63.97	-13	-50.97	-76.65	-73.57	0.85	12.60	H
	1406	-67.39	-13	-54.39	-74.79	-74.08	0.56	9.40	V
	2109	-62.51	-13	-49.51	-73.87	-70.22	0.74	10.60	V
	2812	-64.09	-13	-51.09	-76.83	-73.69	0.85	12.60	V

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



LTE Band 17 / 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	1415.68	-64.91	-13	-51.91	-72.66	-71.60	0.56	9.40	H
	2123.58	-60.66	-13	-47.66	-72.17	-68.37	0.74	10.60	H
	2831.36	-64.86	-13	-51.86	-77.59	-74.46	0.85	12.60	H
	1415.68	-68.02	-13	-55.02	-75.42	-74.71	0.56	9.40	V
	2123.58	-65.50	-13	-52.50	-77.13	-73.21	0.74	10.60	V
	2831.36	-64.75	-13	-51.75	-77.53	-74.35	0.85	12.60	V

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

LTE Band 17 / 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	1411.18	-65.69	-13	-52.69	-73.44	-72.38	0.56	9.40	H
	2116.77	-62.22	-13	-49.22	-73.73	-69.93	0.74	10.60	H
	2822.36	-64.60	-13	-51.60	-77.28	-74.20	0.85	12.60	H
	1411.18	-67.72	-13	-54.72	-75.12	-74.41	0.56	9.40	V
	2116.77	-65.19	-13	-52.19	-76.82	-72.90	0.74	10.60	V
	2822.36	-64.02	-13	-51.02	-76.76	-73.62	0.85	12.60	V

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