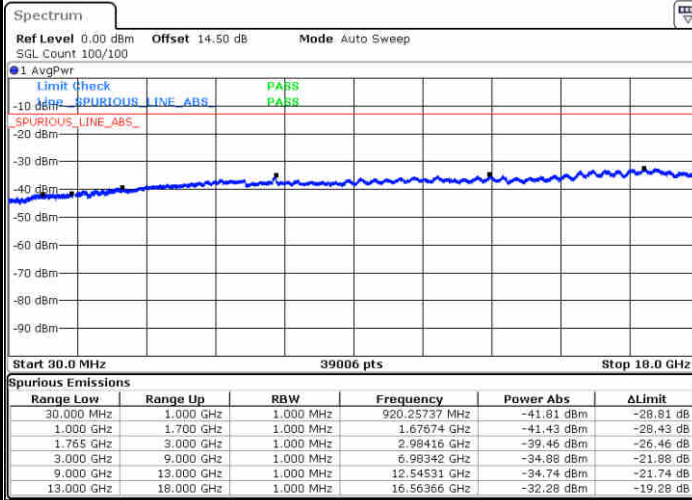




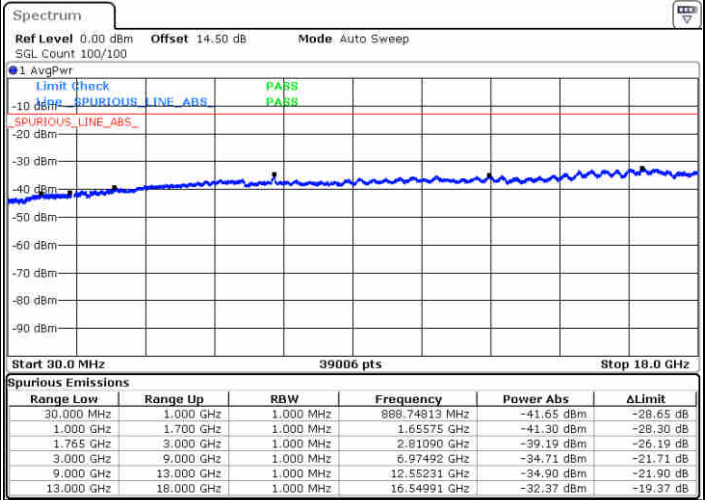
LTE Band 4 / 5MHz

Lowest Channel / QPSK



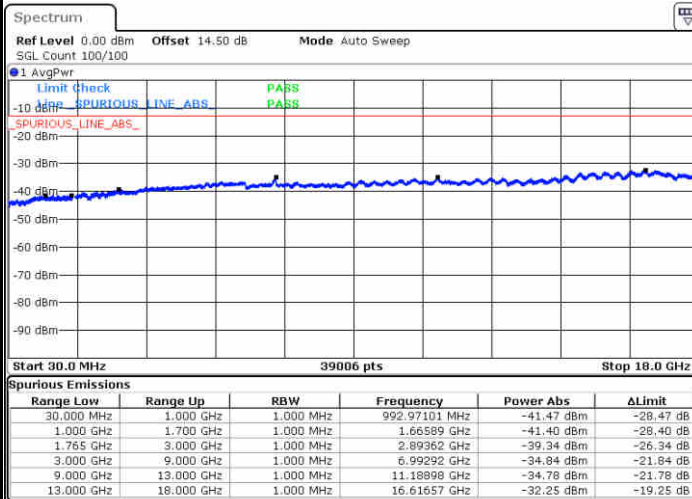
Date: 6.NOV.2017 22:03:46

Lowest Channel / 16QAM



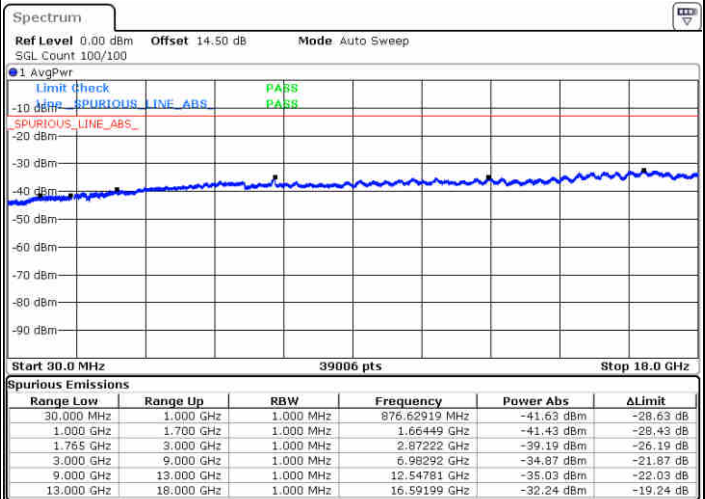
Date: 6.NOV.2017 22:04:41

Middle Channel / QPSK



Date: 6.NOV.2017 22:06:16

Middle Channel / 16QAM

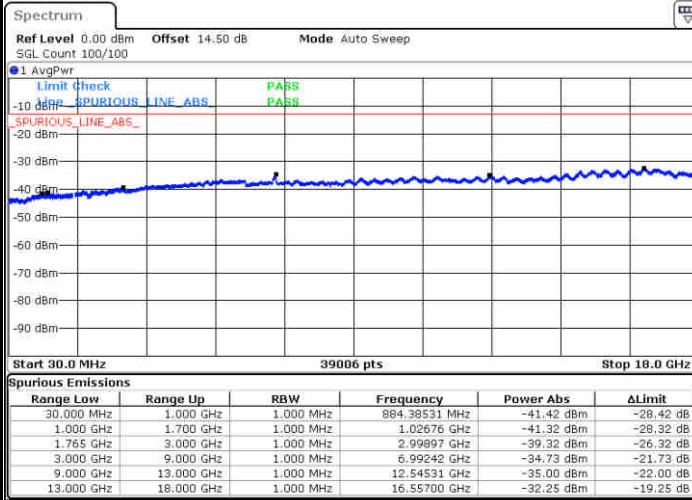


Date: 6.NOV.2017 22:07:10



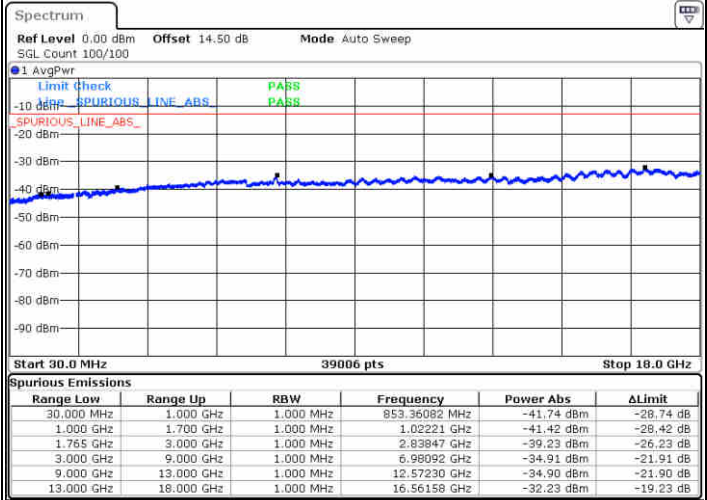
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 6.NOV.2017 22:13:20

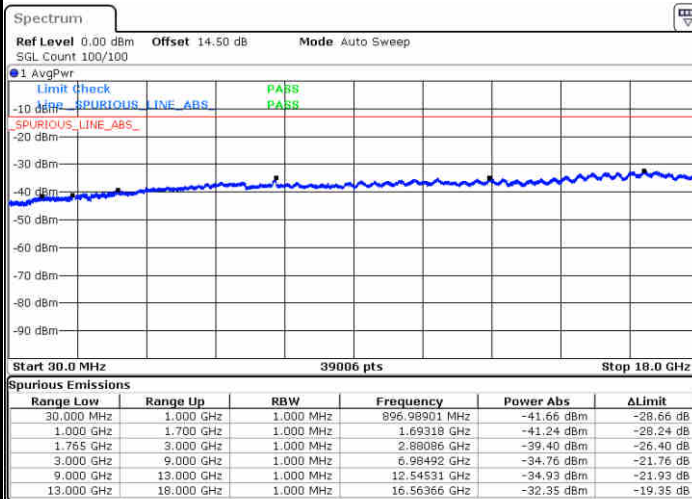
Highest Channel / 16QAM



Date: 6.NOV.2017 22:14:14

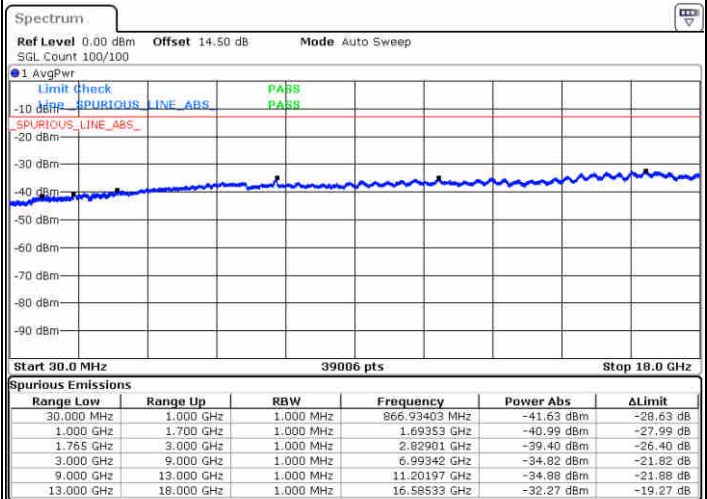
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 6.NOV.2017 22:20:25

Lowest Channel / 16QAM

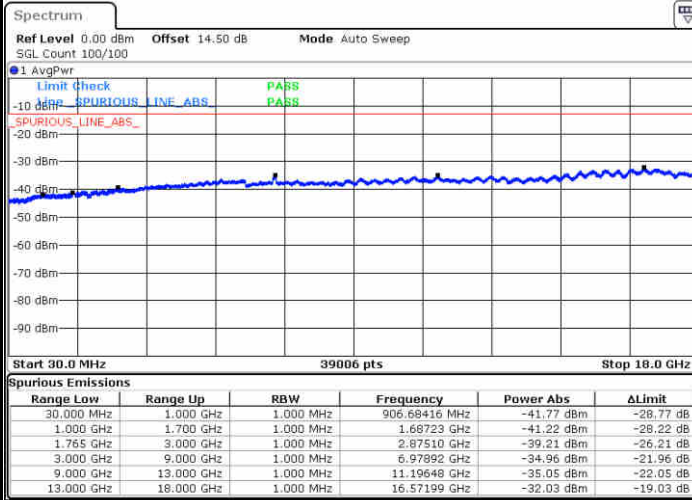


Date: 6.NOV.2017 22:21:19



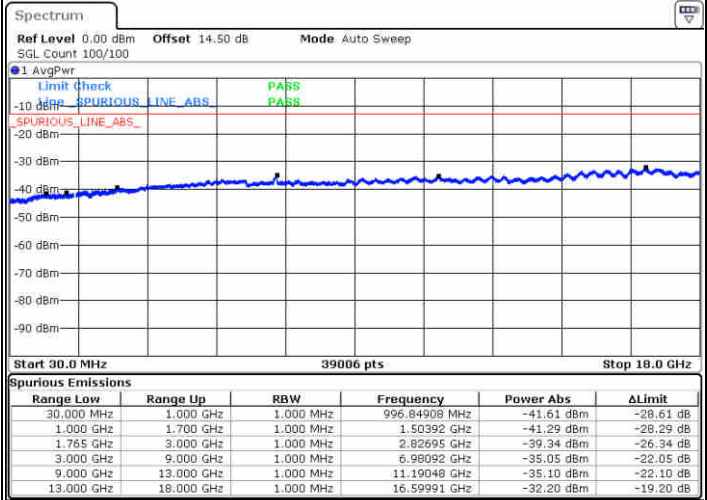
LTE Band 4 / 10MHz

Middle Channel / QPSK



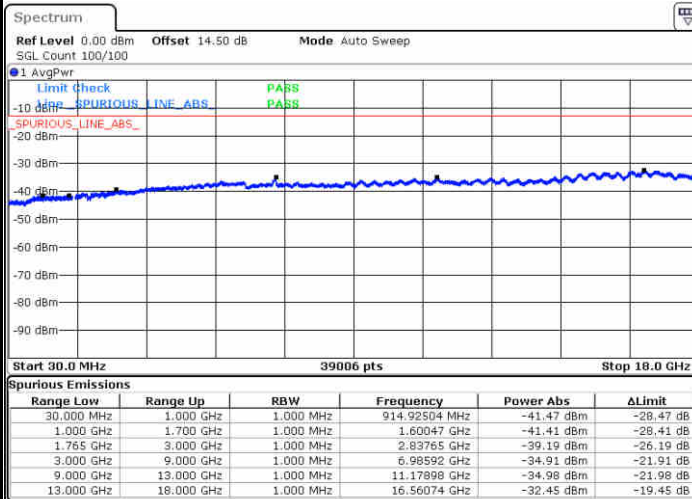
Date: 6.NOV.2017 22:22:54

Middle Channel / 16QAM



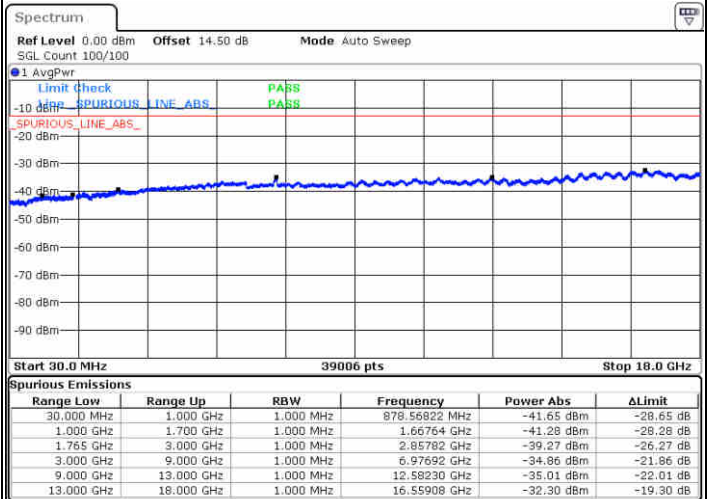
Date: 6.NOV.2017 22:23:49

Highest Channel / QPSK



Date: 6.NOV.2017 22:29:59

Highest Channel / 16QAM

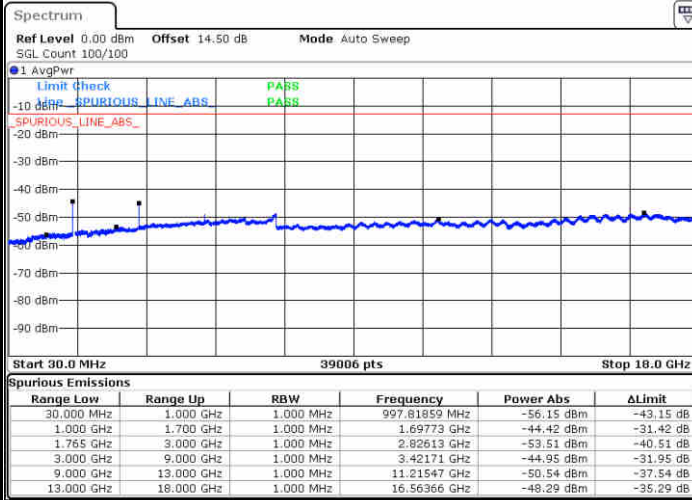


Date: 6.NOV.2017 22:30:53



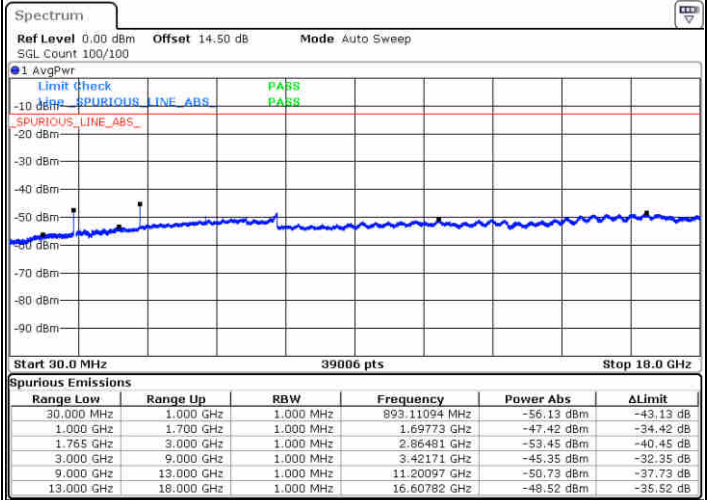
LTE Band 4 / 15MHz

Lowest Channel / QPSK



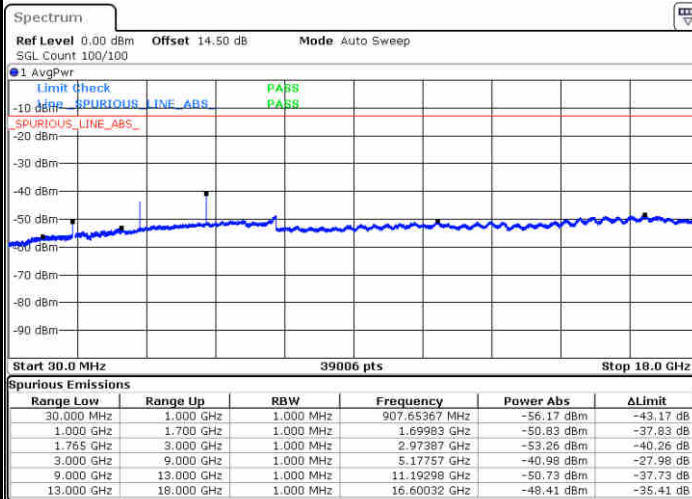
Date: 6.NOV.2017 22:37:04

Lowest Channel / 16QAM



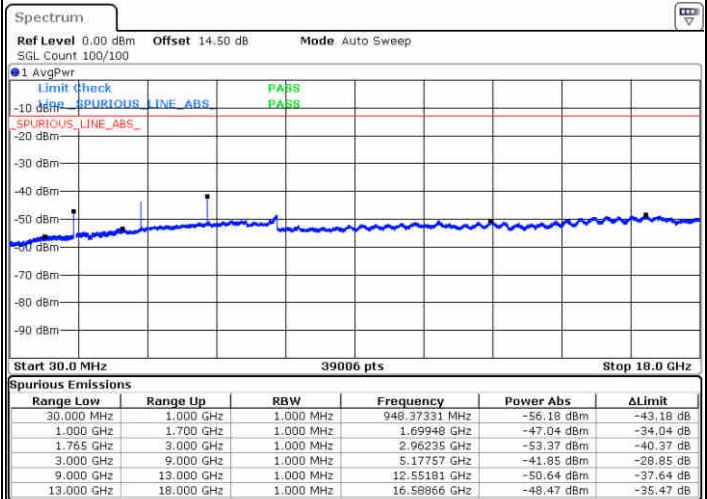
Date: 6.NOV.2017 22:37:59

Middle Channel / QPSK



Date: 6.NOV.2017 22:39:34

Middle Channel / 16QAM

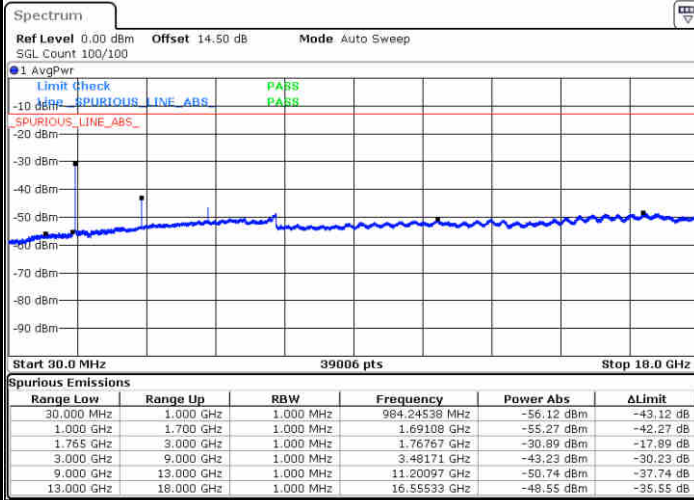


Date: 6.NOV.2017 22:40:29



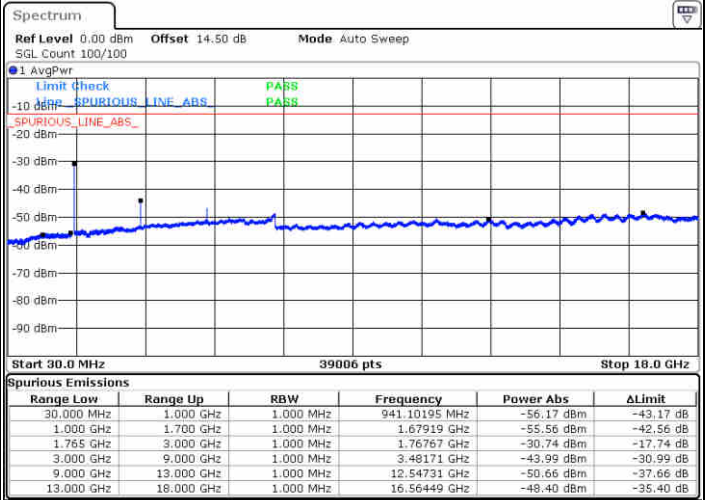
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 6.NOV.2017 22:46:39

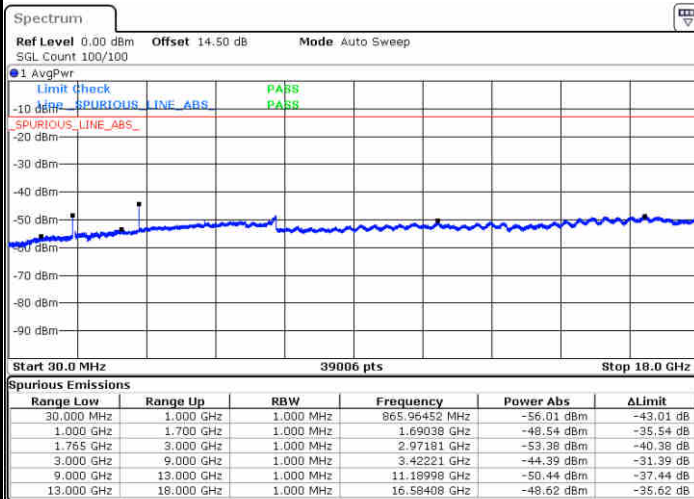
Highest Channel / 16QAM



Date: 6.NOV.2017 22:47:34

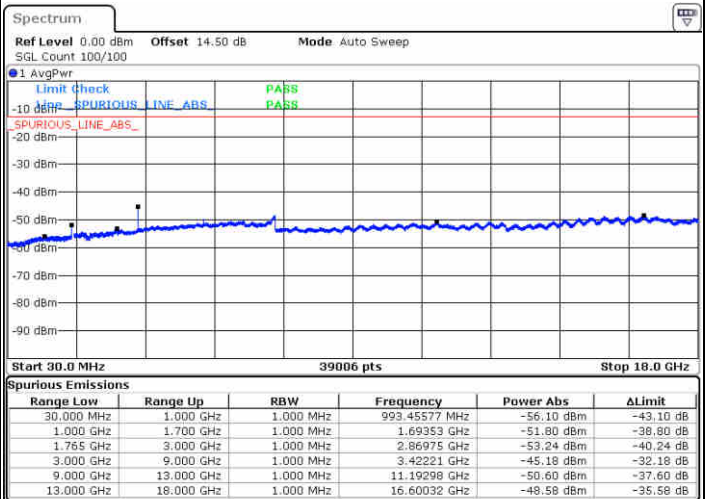
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 6.NOV.2017 22:53:44

Lowest Channel / 16QAM

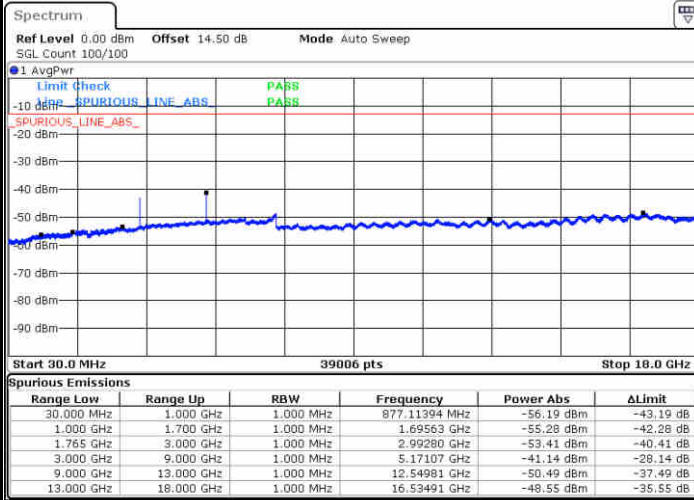


Date: 6.NOV.2017 22:54:38



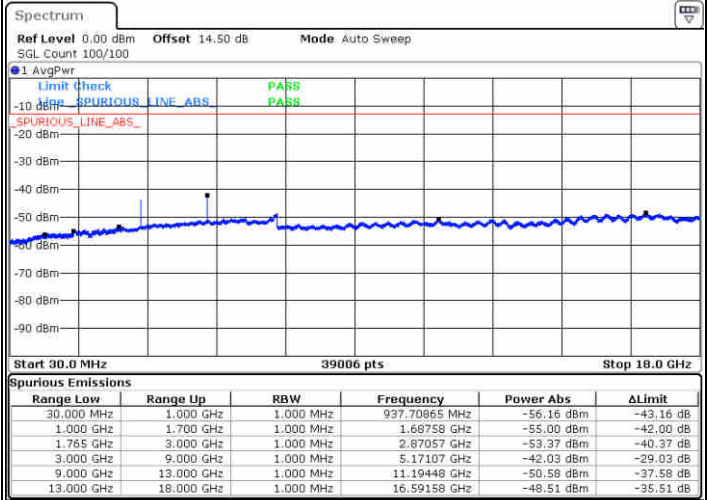
LTE Band 4 / 20MHz

Middle Channel / QPSK



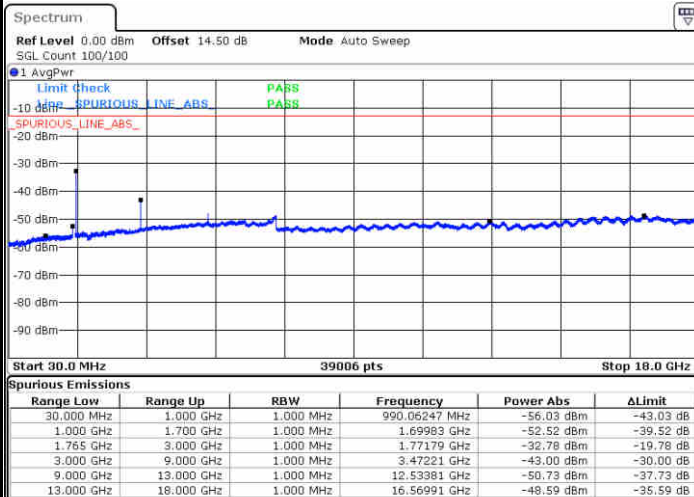
Date: 6.NOV.2017 22:56:13

Middle Channel / 16QAM



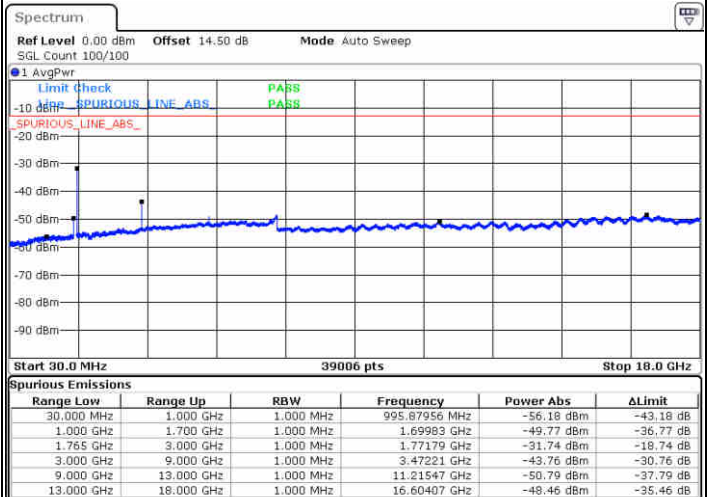
Date: 6.NOV.2017 22:57:07

Highest Channel / QPSK



Date: 6.NOV.2017 23:03:18

Highest Channel / 16QAM

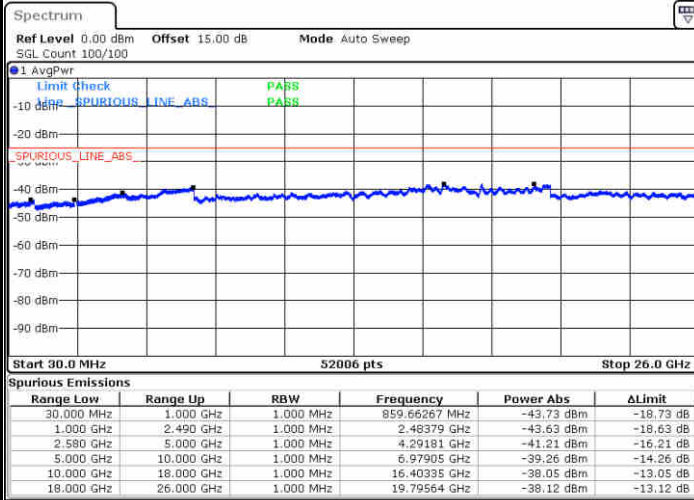


Date: 6.NOV.2017 23:04:12



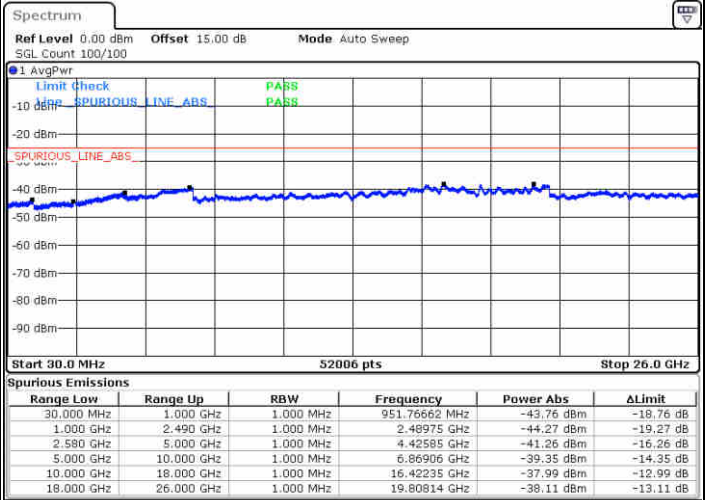
LTE Band 7 / 5MHz

Lowest Channel / QPSK



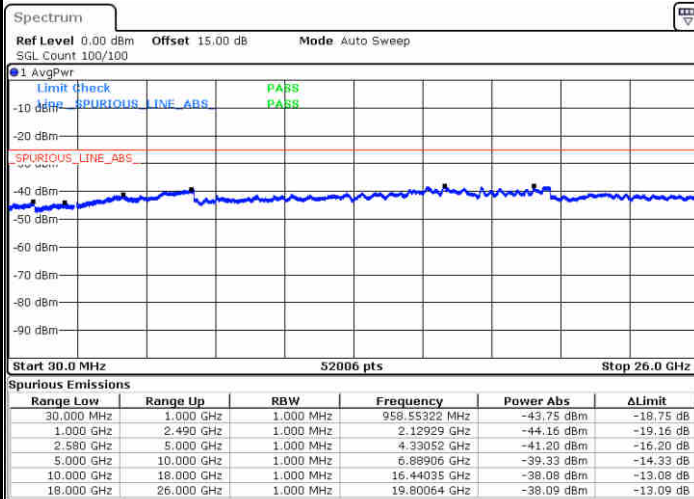
Date: 3 NOV. 2017 21:09:05

Lowest Channel / 16QAM



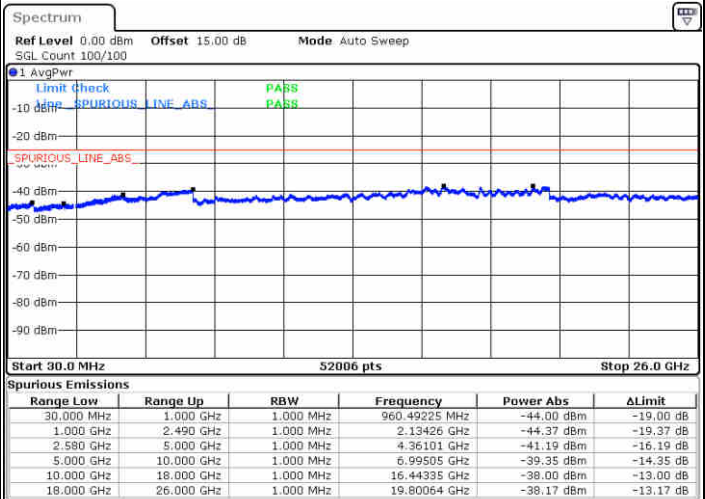
Date: 3 NOV. 2017 21:09:57

Middle Channel / QPSK



Date: 3 NOV. 2017 21:11:30

Middle Channel / 16QAM

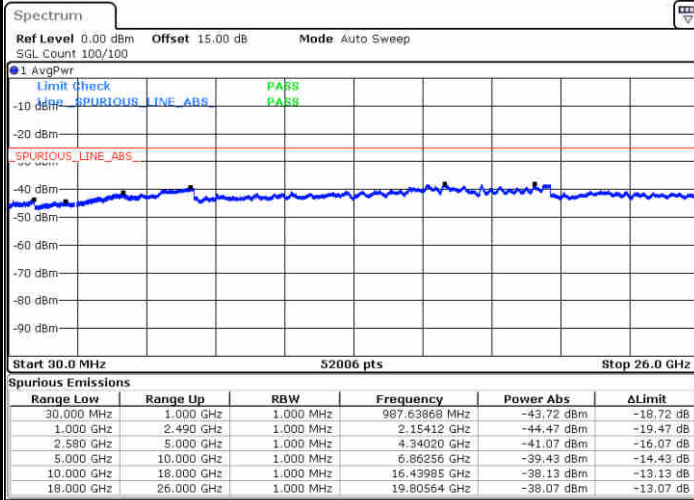


Date: 3 NOV. 2017 21:12:23



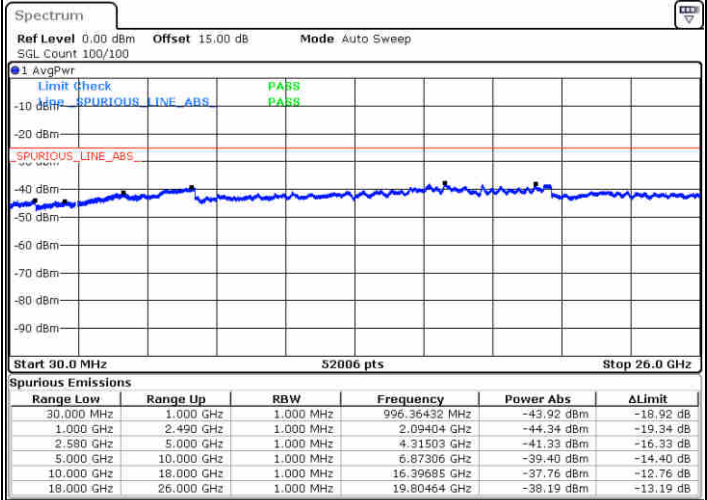
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 3.NOV.2017 21:18:27

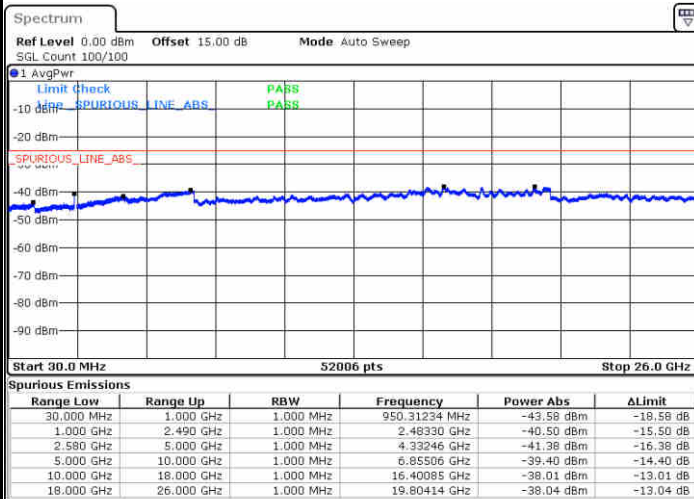
Highest Channel / 16QAM



Date: 3.NOV.2017 21:19:19

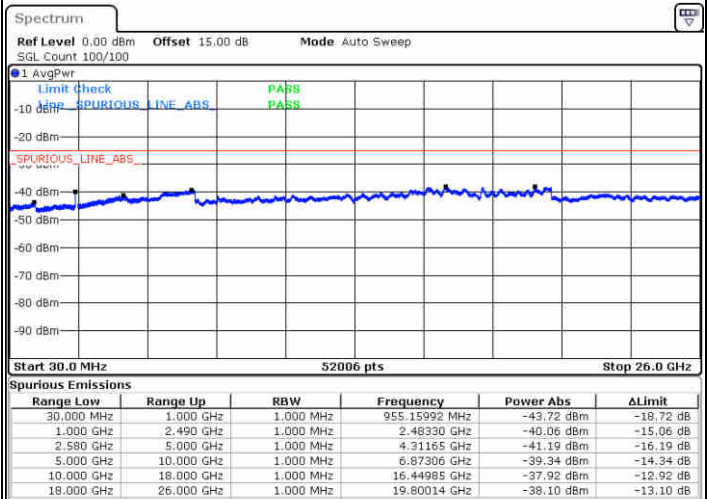
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 3.NOV.2017 21:25:24

Lowest Channel / 16QAM

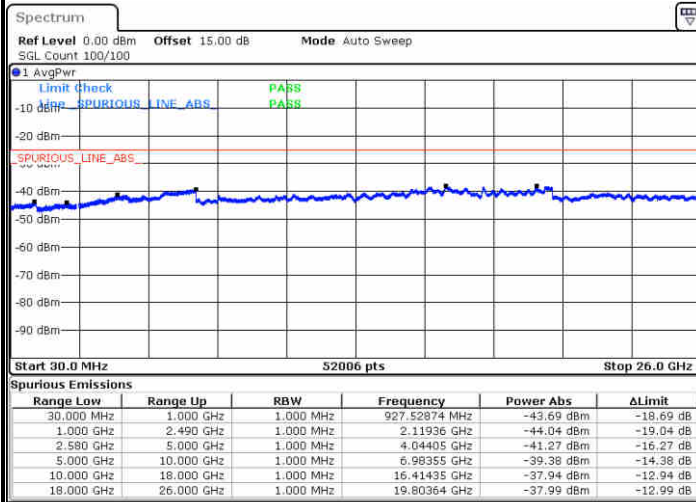


Date: 3.NOV.2017 21:26:16



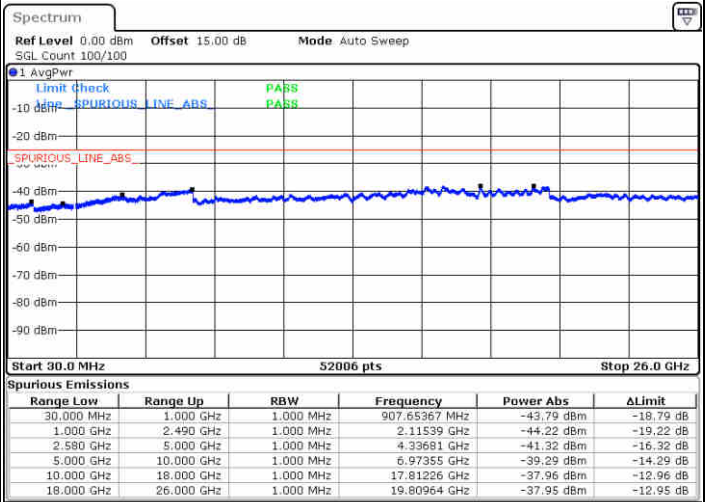
LTE Band 7 / 10MHz

Middle Channel / QPSK



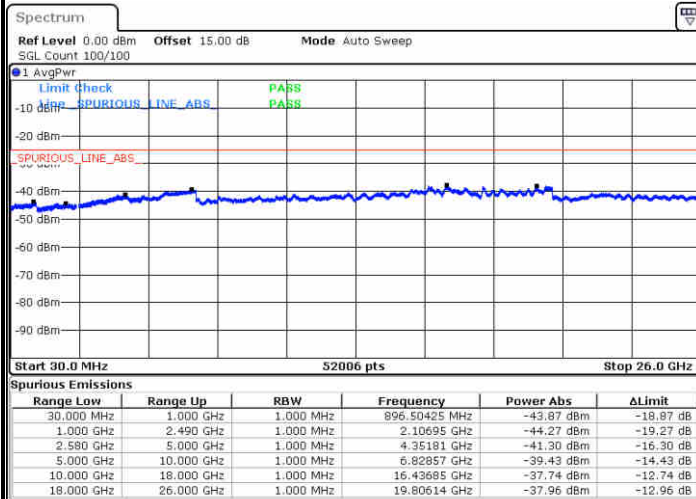
Date: 3 NOV. 2017 21:27:49

Middle Channel / 16QAM



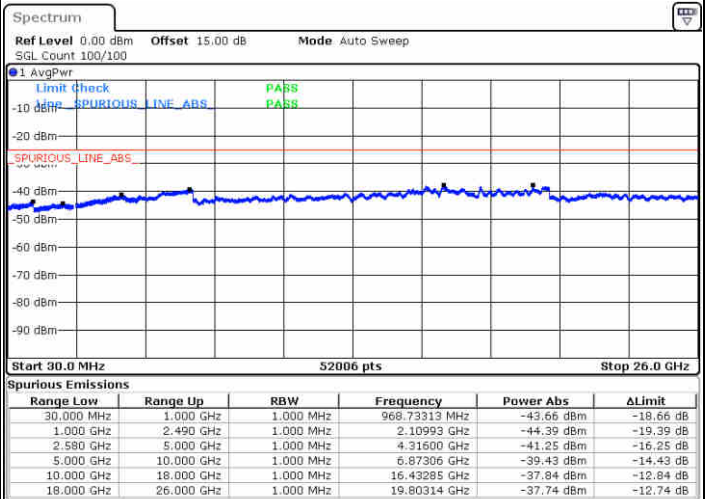
Date: 3 NOV. 2017 21:28:41

Highest Channel / QPSK



Date: 3 NOV. 2017 21:34:46

Highest Channel / 16QAM

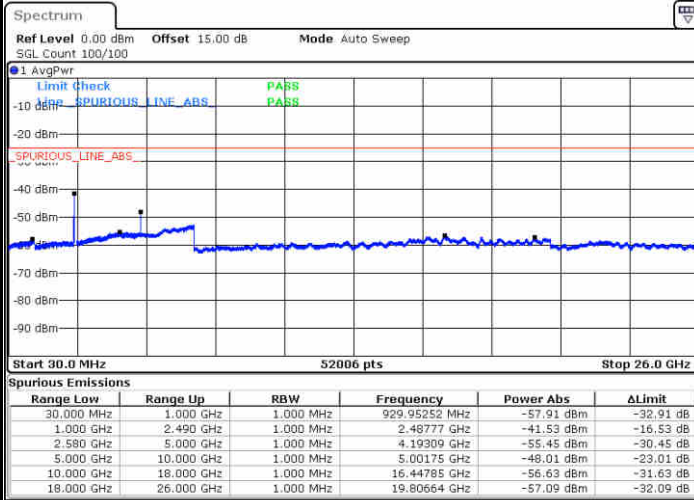


Date: 3 NOV. 2017 21:35:38



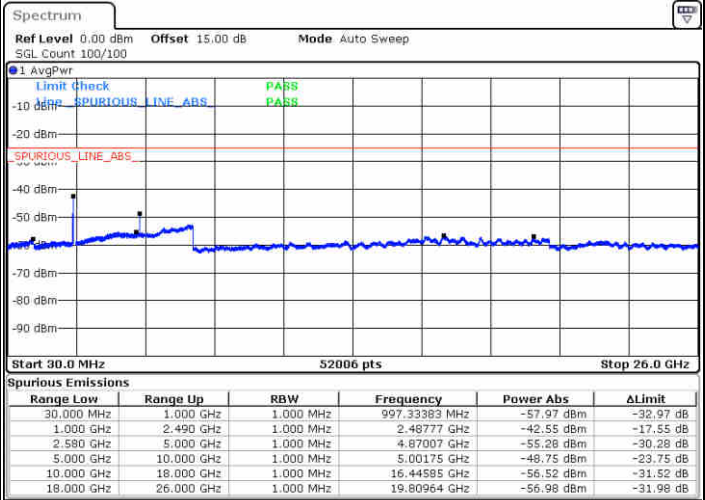
LTE Band 7 / 15MHz

Lowest Channel / QPSK



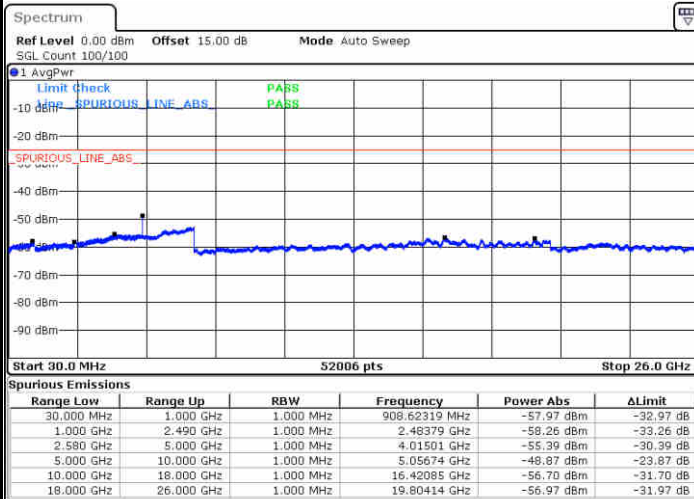
Date: 3 NOV. 2017 21:41:43

Lowest Channel / 16QAM



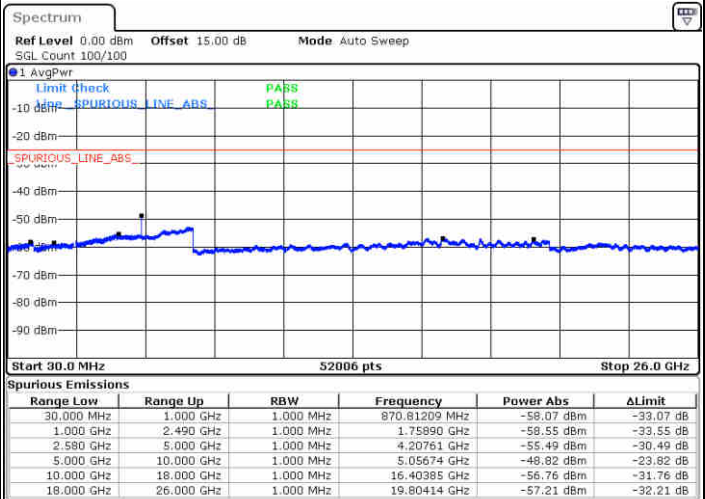
Date: 3 NOV. 2017 21:42:35

Middle Channel / QPSK



Date: 3 NOV. 2017 21:44:07

Middle Channel / 16QAM

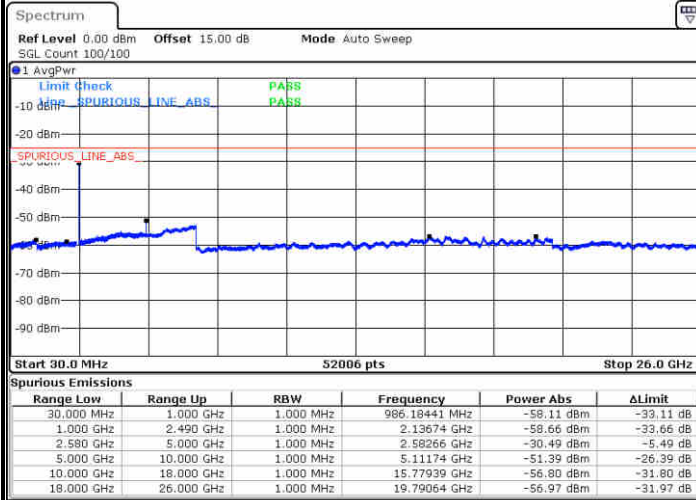


Date: 3 NOV. 2017 21:44:59



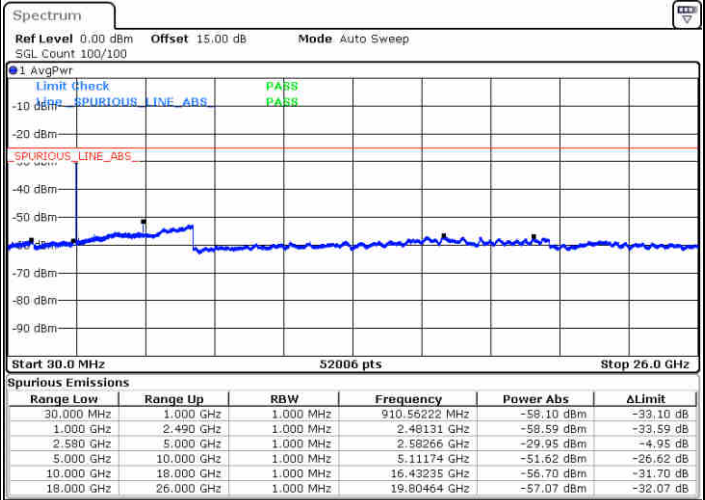
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 3 NOV. 2017 21:51:04

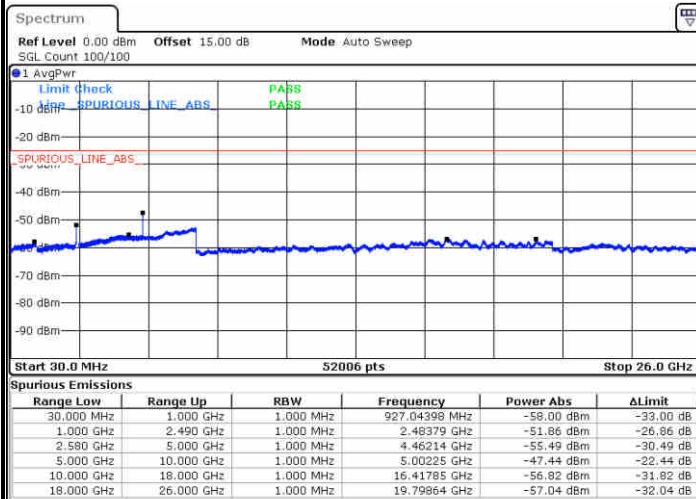
Highest Channel / 16QAM



Date: 3 NOV. 2017 21:51:56

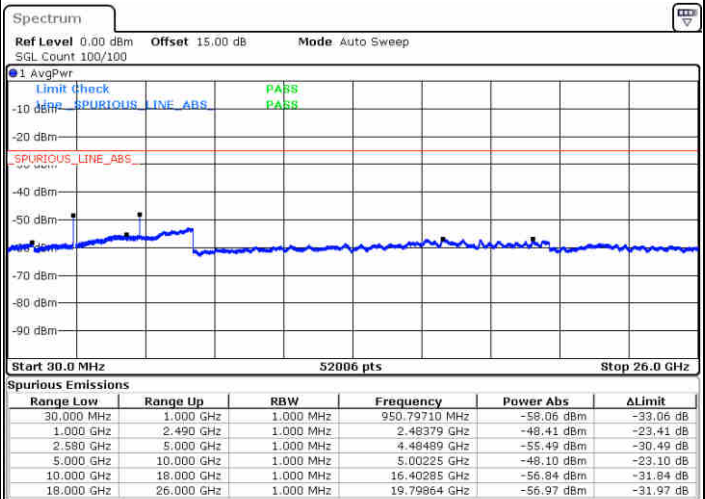
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 3 NOV. 2017 22:11:56

Lowest Channel / 16QAM

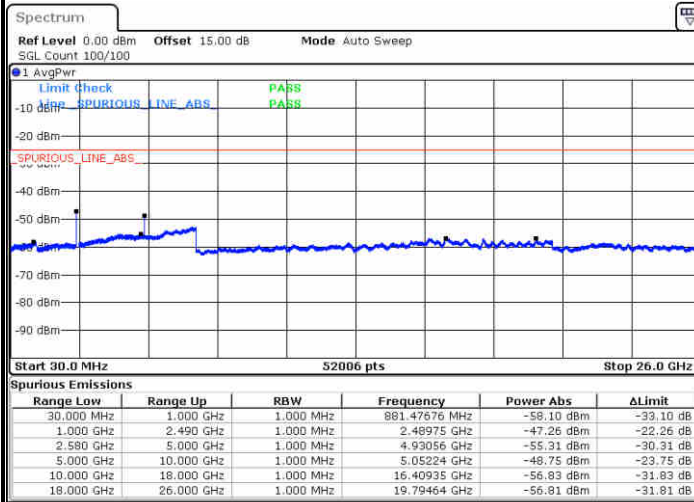


Date: 3 NOV. 2017 22:12:48



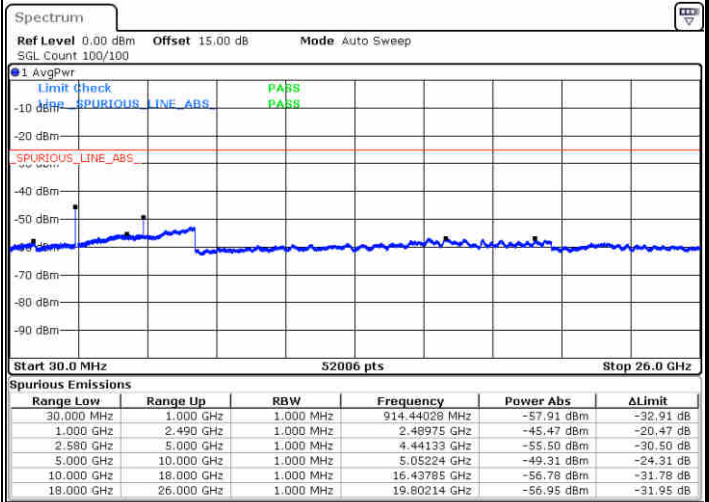
LTE Band 7 / 20MHz

Middle Channel / QPSK



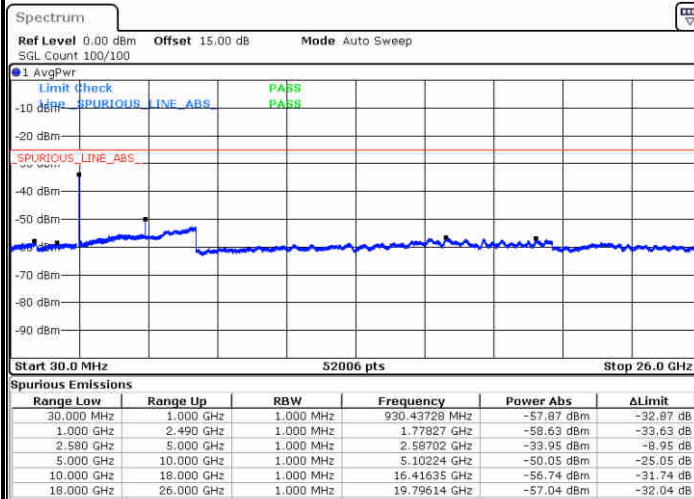
Date: 3 NOV. 2017 22:14:20

Middle Channel / 16QAM



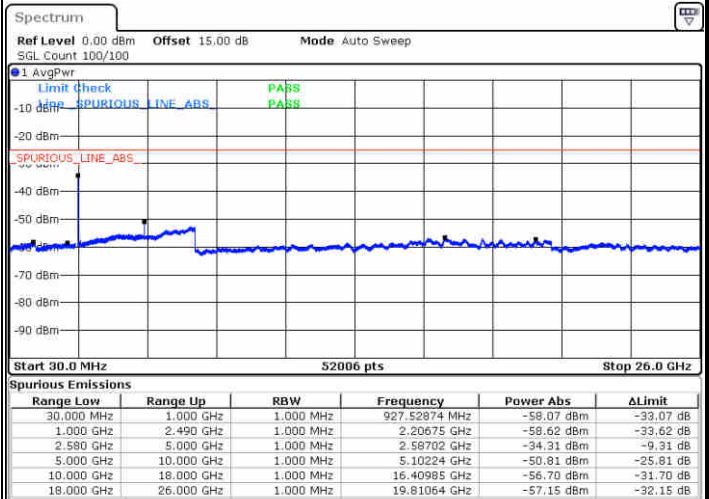
Date: 3 NOV. 2017 22:15:12

Highest Channel / QPSK



Date: 3 NOV. 2017 22:21:17

Highest Channel / 16QAM

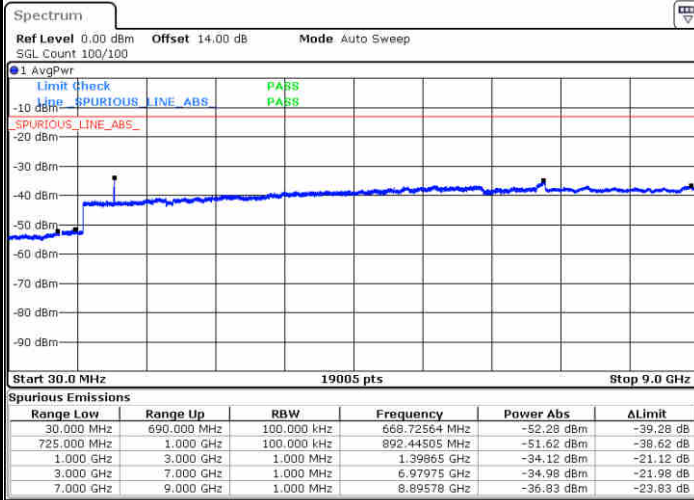


Date: 3 NOV. 2017 22:22:09



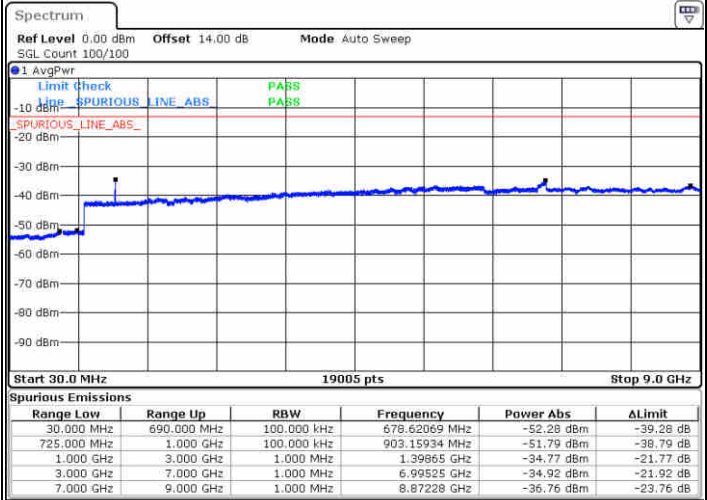
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



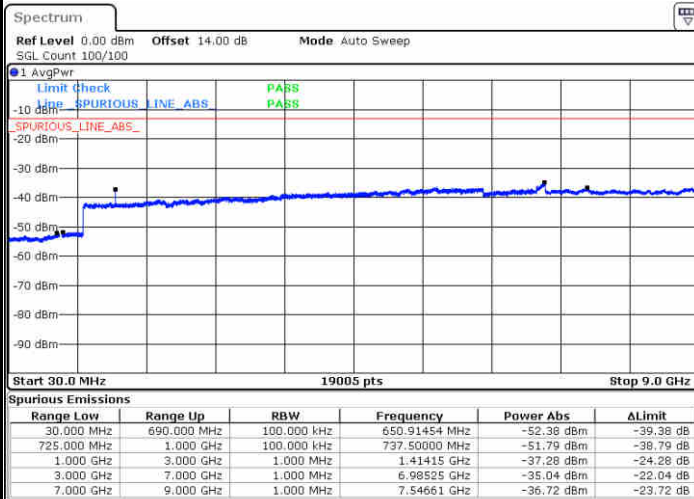
Date: 29.NOV.2017 18:14:00

Lowest Channel / 16QAM



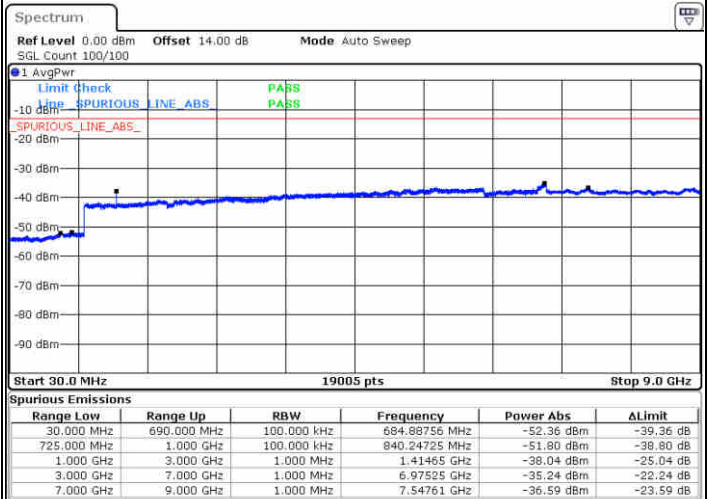
Date: 29.NOV.2017 18:14:55

Middle Channel / QPSK



Date: 29.NOV.2017 18:16:32

Middle Channel / 16QAM

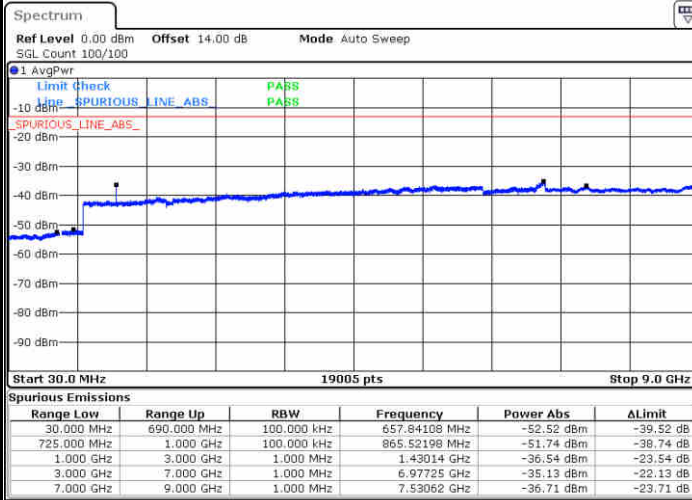


Date: 29.NOV.2017 18:17:28



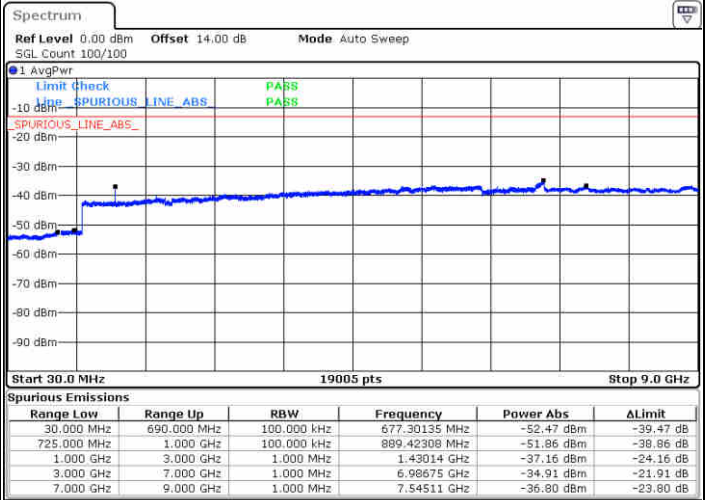
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 29.NOV.2017 18:23:43

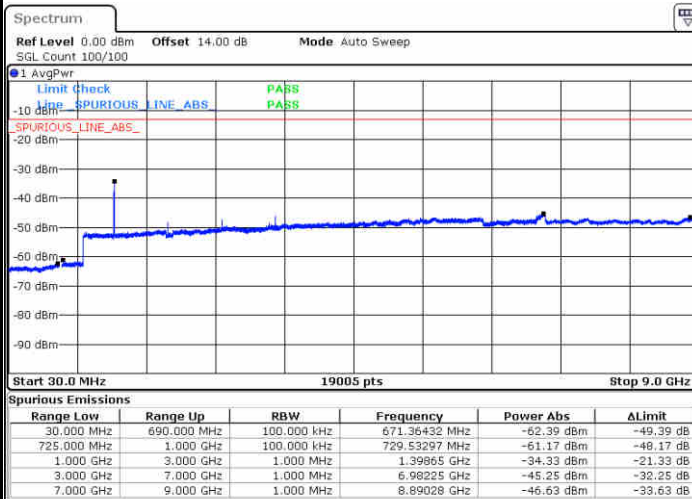
Highest Channel / 16QAM



Date: 29.NOV.2017 18:24:39

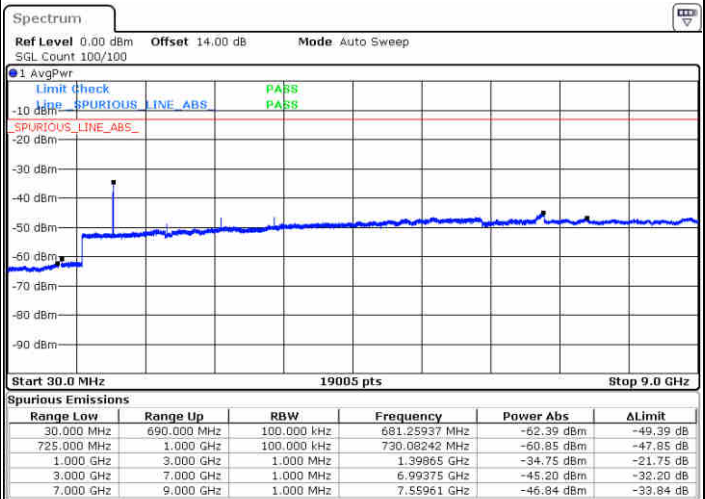
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 29.NOV.2017 18:30:54

Lowest Channel / 16QAM

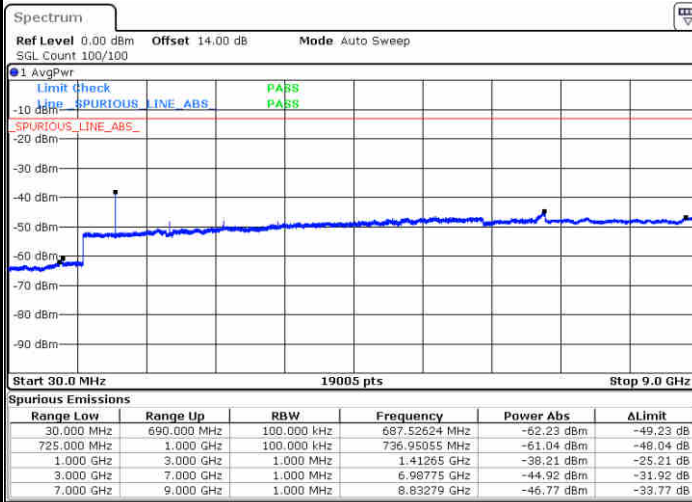


Date: 29.NOV.2017 18:31:46



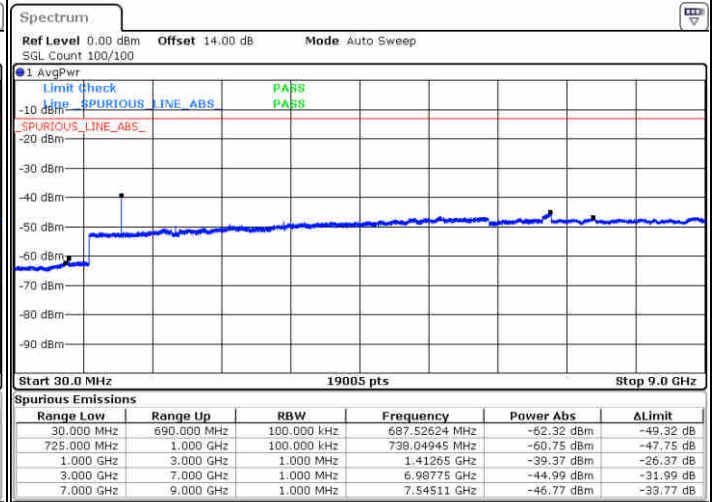
LTE Band 12 / 3MHz

Middle Channel / QPSK



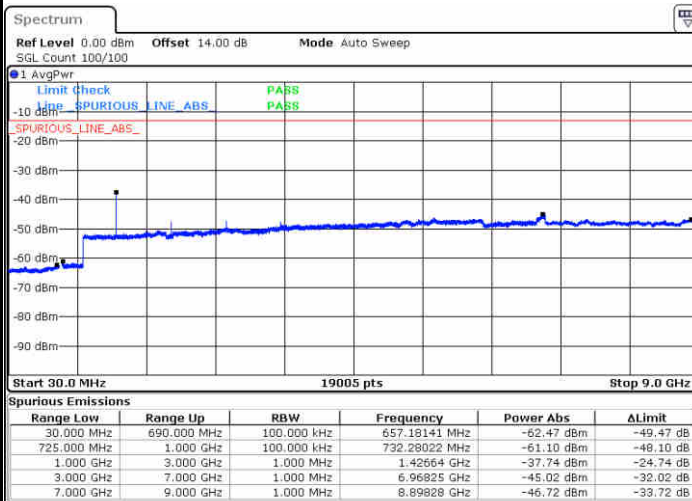
Date: 29.NOV.2017 18:33:26

Middle Channel / 16QAM



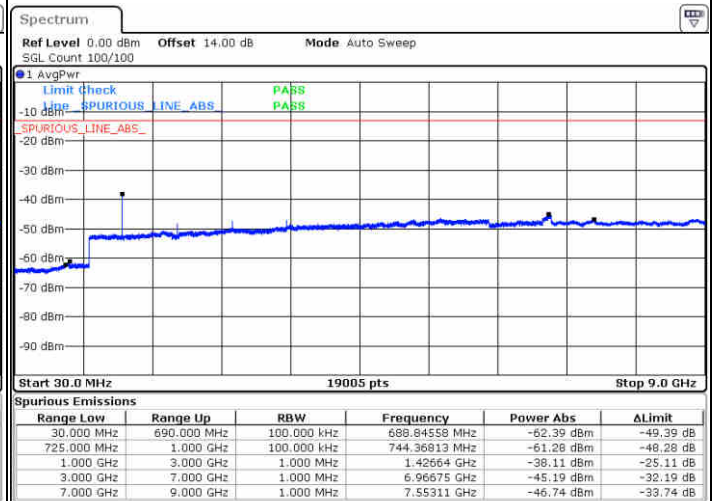
Date: 29.NOV.2017 18:34:22

Highest Channel / QPSK



Date: 29.NOV.2017 18:40:36

Highest Channel / 16QAM

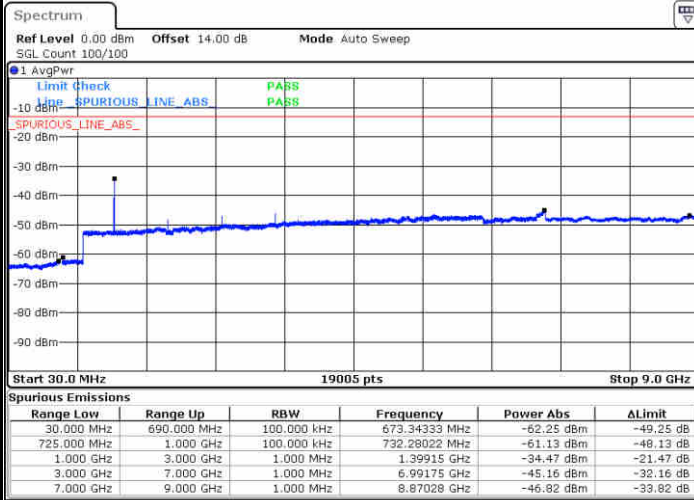


Date: 29.NOV.2017 18:41:32



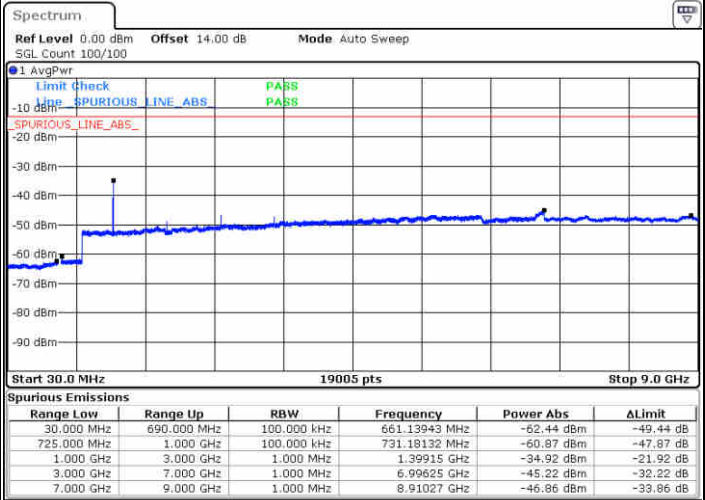
LTE Band 12 / 5MHz

Lowest Channel / QPSK



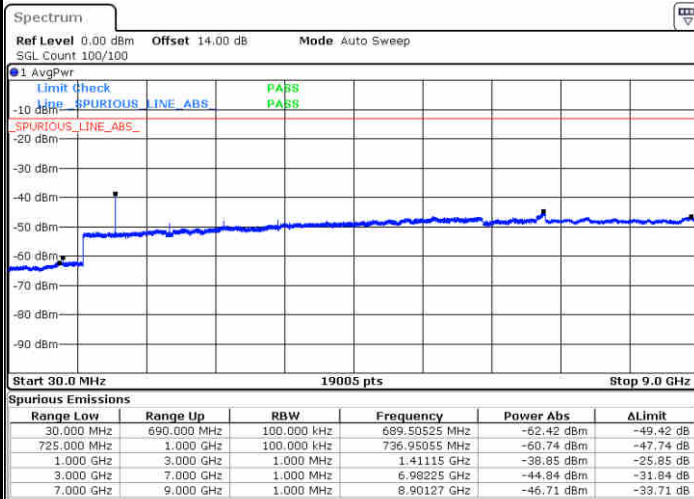
Date: 29.NOV.2017 18:47:47

Lowest Channel / 16QAM



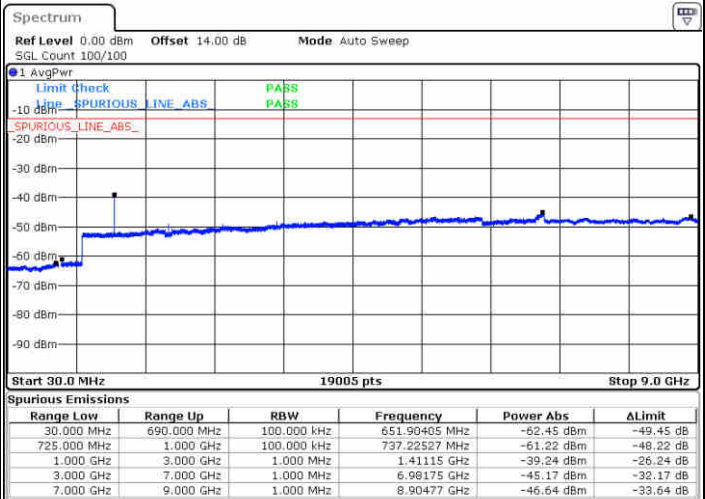
Date: 29.NOV.2017 18:48:43

Middle Channel / QPSK



Date: 29.NOV.2017 18:50:19

Middle Channel / 16QAM

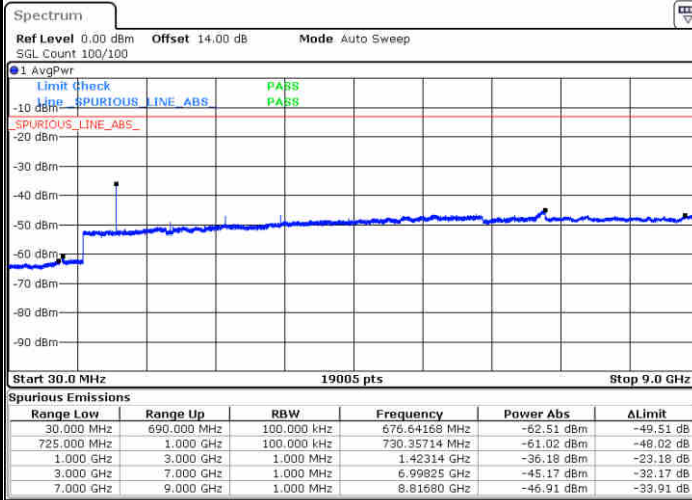


Date: 29.NOV.2017 18:51:16



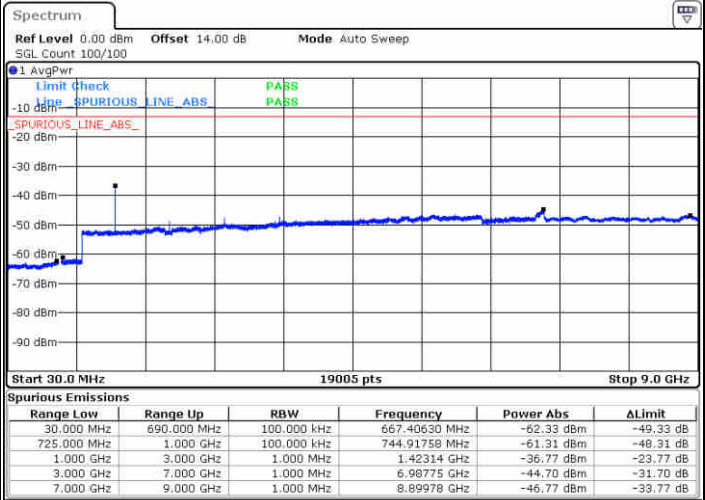
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 29.NOV.2017 18:57:29

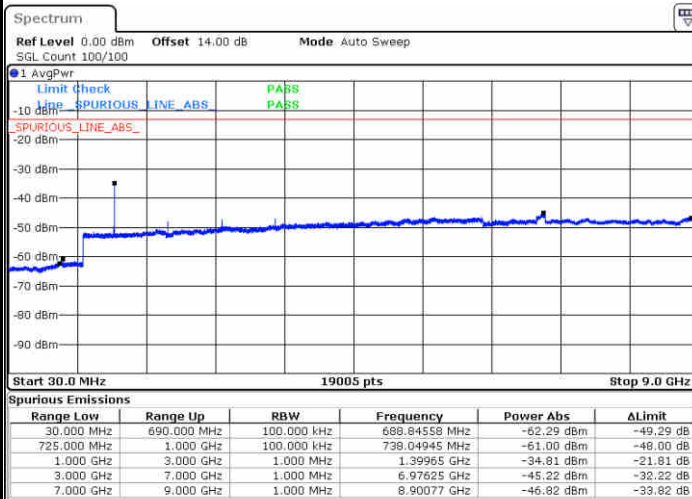
Highest Channel / 16QAM



Date: 29.NOV.2017 18:58:25

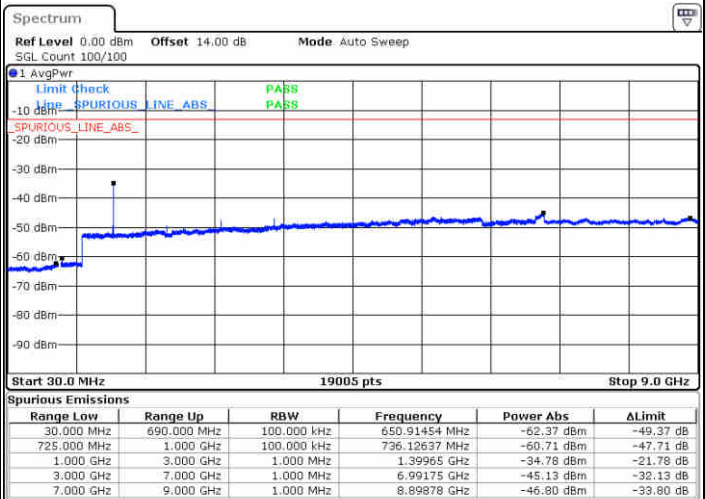
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 29.NOV.2017 19:04:39

Lowest Channel / 16QAM

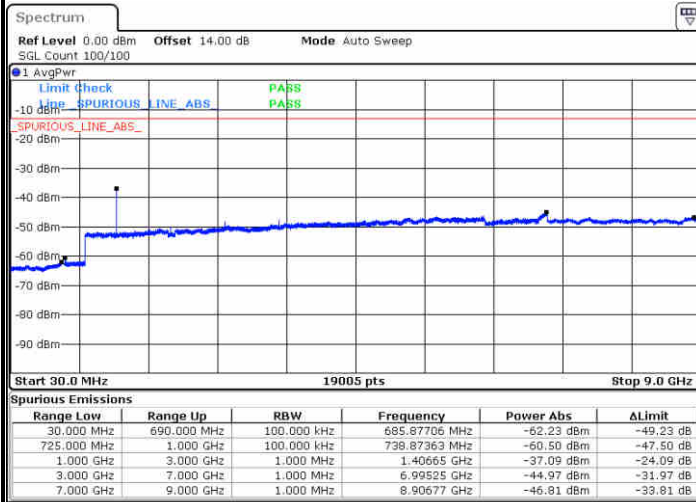


Date: 29.NOV.2017 19:05:35



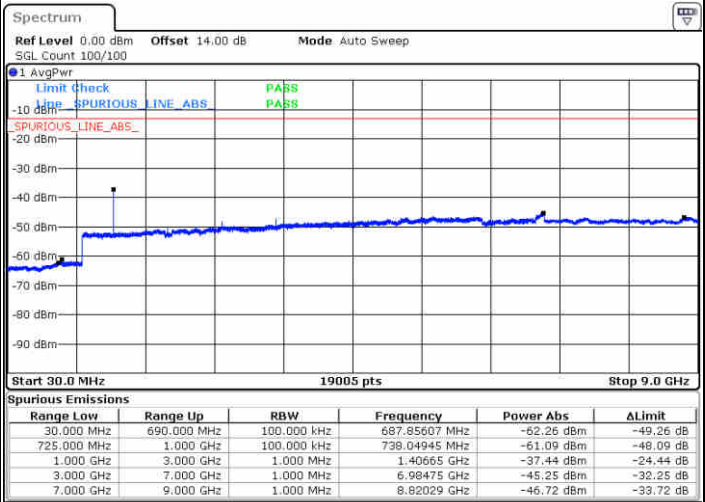
LTE Band 12 / 10MHz

Middle Channel / QPSK



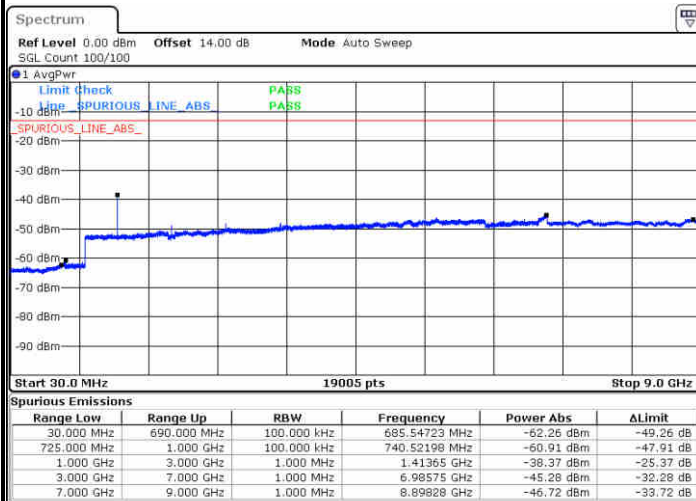
Date: 29.NOV.2017 19:07:11

Middle Channel / 16QAM



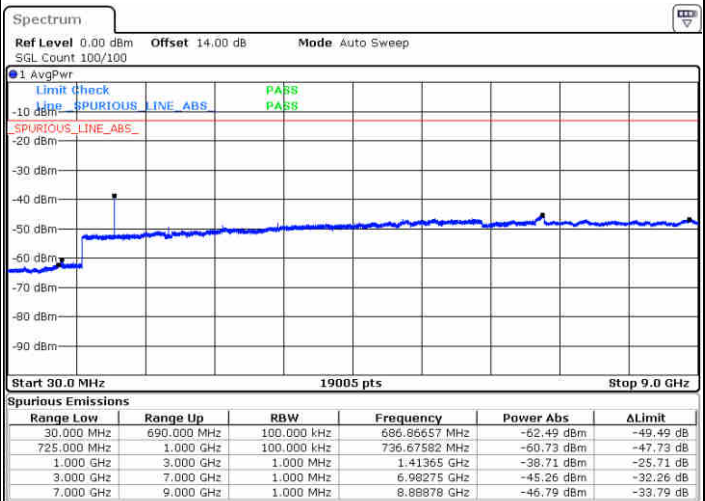
Date: 29.NOV.2017 19:08:08

Highest Channel / QPSK



Date: 29.NOV.2017 19:14:21

Highest Channel / 16QAM

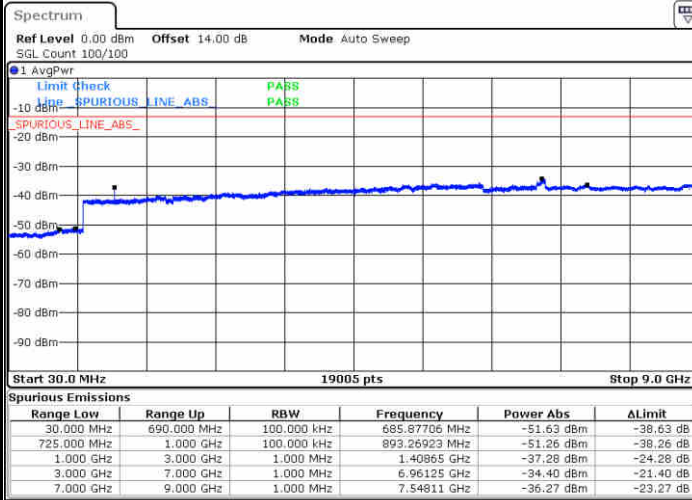


Date: 29.NOV.2017 19:15:17



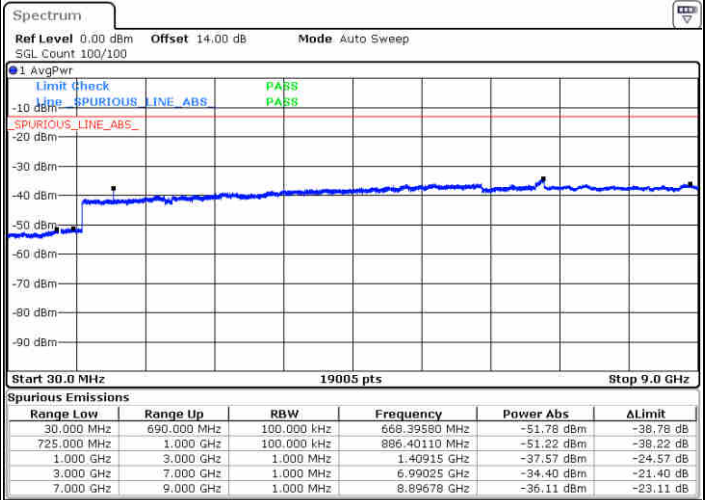
LTE Band 17 / 5MHz

Lowest Channel / QPSK



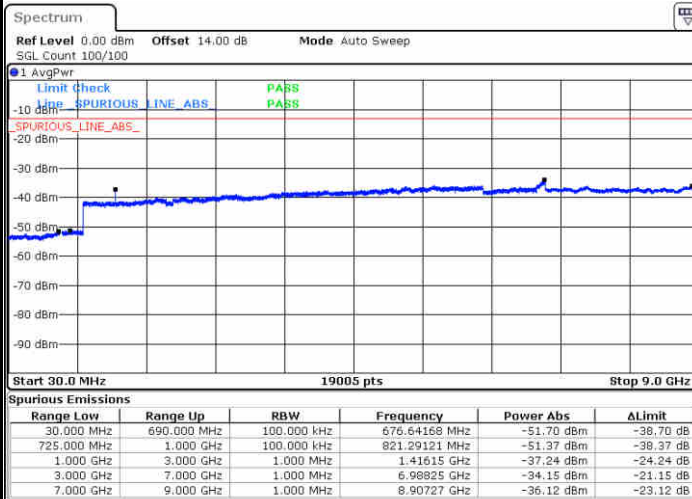
Date: 9.NOV.2017 20:54:50

Lowest Channel / 16QAM



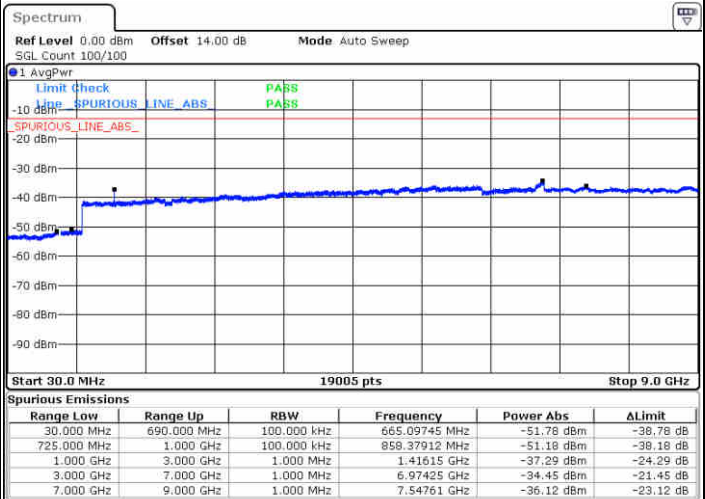
Date: 9.NOV.2017 20:55:45

Middle Channel / QPSK



Date: 9.NOV.2017 20:57:22

Middle Channel / 16QAM

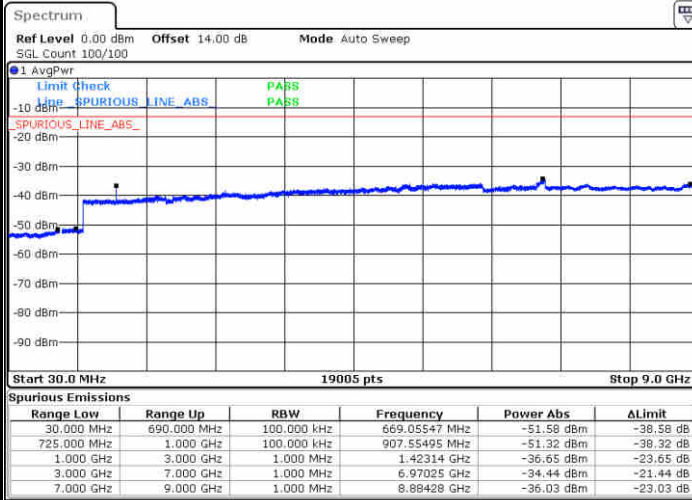


Date: 9.NOV.2017 20:58:17



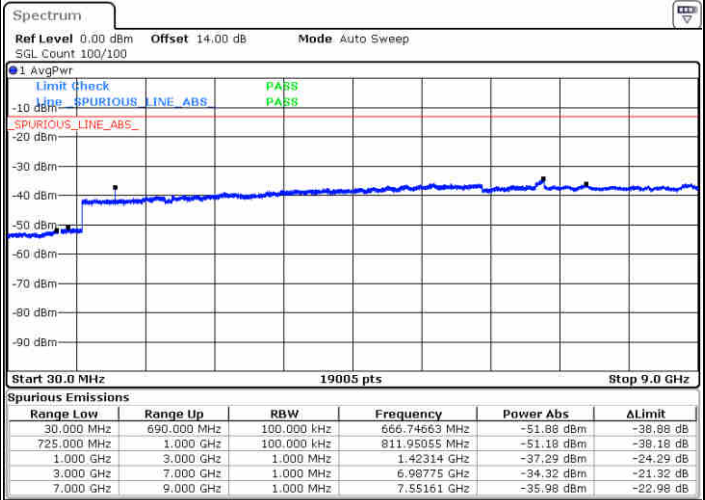
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 9.NOV.2017 21:04:29

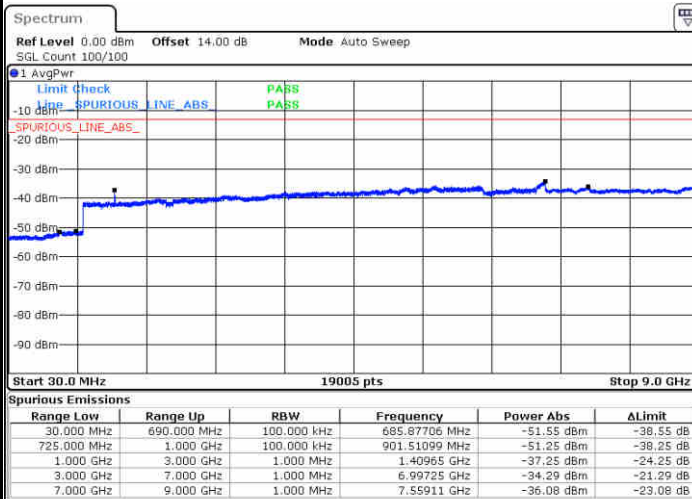
Highest Channel / 16QAM



Date: 9.NOV.2017 21:05:24

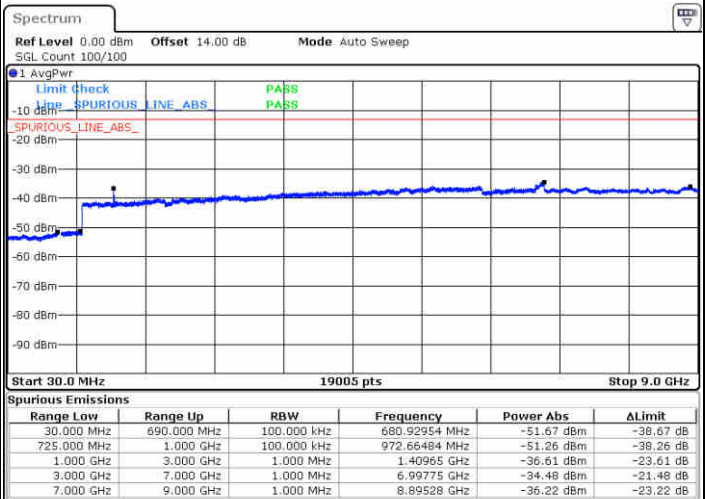
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 9.NOV.2017 21:11:36

Lowest Channel / 16QAM

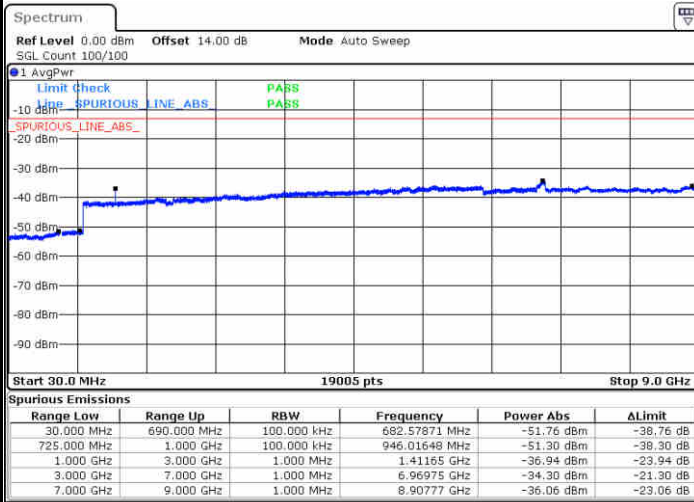


Date: 9.NOV.2017 21:12:31



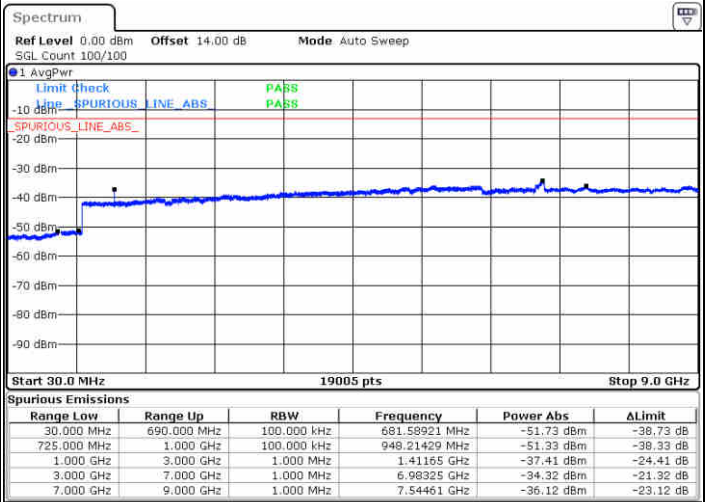
LTE Band 17 / 10MHz

Middle Channel / QPSK



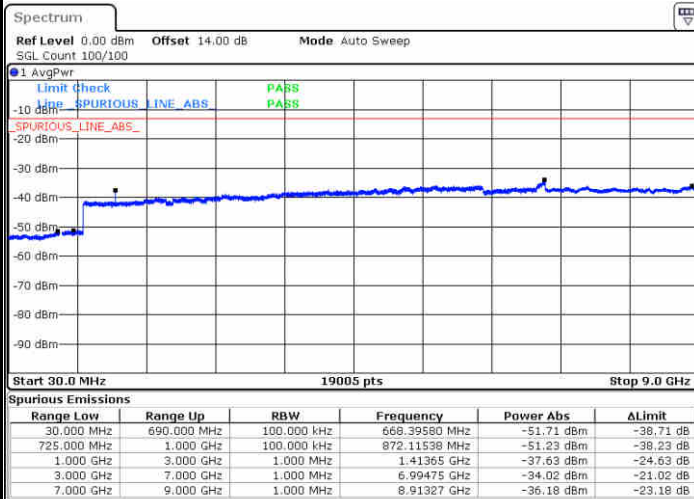
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Middle Channel / 16QAM



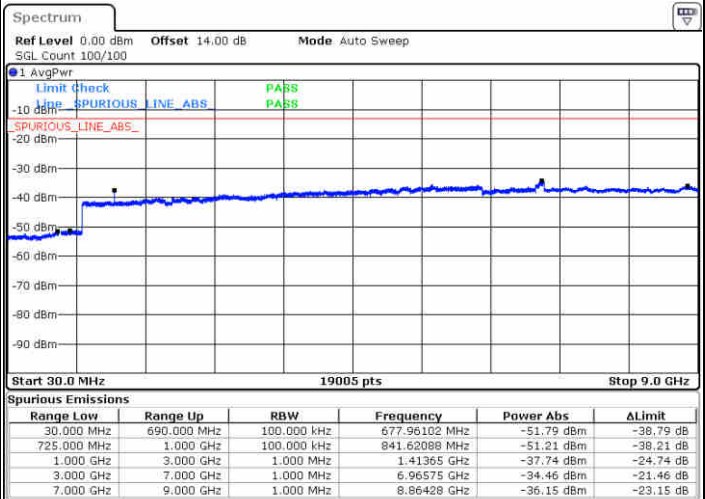
Date: 9.NOV.2017 21:15:03

Highest Channel / QPSK



Date: 9.NOV.2017 21:21:14

Highest Channel / 16QAM



Date: 9.NOV.2017 21:22:10

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	0.0031	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0049	
-30	Normal Voltage	0.0049	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 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	0.0008	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0048	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 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	0.0002	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0078	
-30	Normal Voltage	0.0078	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 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	0.0017	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0073	
-30	Normal Voltage	0.0073	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 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	0.0069	PASS
40	Normal Voltage	0.0106	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0068	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	-54.67	-13	-41.67	-68.29	-62.25	5.02	12.60	H
	5638.38	-42.39	-13	-29.39	-58.99	-48.19	7.3	13.10	H
	7517.84	-54.88	-13	-41.88	-74.86	-58.45	7.73	11.30	H
	3758.92	-53.68	-13	-40.68	-68.01	-61.26	5.02	12.6	V
	5638.38	-40.23	-13	-27.23	-56.76	-46.03	7.3	13.1	V
	7517.84	-57.18	-13	-44.18	-76.82	-60.75	7.73	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	-53.37	-13	-40.37	-66.99	-60.95	5.02	12.60	H
	5636.22	-43.14	-13	-30.14	-59.74	-48.94	7.3	13.10	H
	7514.96	-56.13	-13	-43.13	-76.11	-59.70	7.73	11.30	H
	3757.48	-53.04	-13	-40.04	-67.37	-60.62	5.02	12.6	V
	5636.22	-40.77	-13	-27.77	-57.3	-46.57	7.3	13.1	V
	7514.96	-57.28	-13	-44.28	-76.92	-60.85	7.73	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	-54.55	-13	-41.55	-68.17	-62.13	5.02	12.60	H
	5633.52	-41.93	-13	-28.93	-58.53	-47.73	7.3	13.10	H
	7511.36	-56.37	-13	-43.37	-76.35	-59.94	7.73	11.30	H
	3755.68	-54.31	-13	-41.31	-68.64	-61.89	5.02	12.6	V
	5633.52	-40.17	-13	-27.17	-56.7	-45.97	7.3	13.1	V
	7511.36	-57.22	-13	-44.22	-76.86	-60.79	7.73	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	-51.98	-13	-38.98	-65.60	-59.56	5.02	12.60	H
	5626.77	-38.68	-13	-25.68	-55.56	-44.48	7.3	13.10	H
	7502	-55.95	-13	-42.95	-75.93	-59.52	7.73	11.30	H
	3751.18	-53.42	-13	-40.42	-67.75	-61.00	5.02	12.6	V
	5626.77	-40.44	-13	-27.44	-56.97	-46.24	7.3	13.1	V
	7502	-57.18	-13	-44.18	-76.82	-60.75	7.73	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	-53.43	-13	-40.43	-67.05	-61.01	5.02	12.60	H
	5620.02	-41.83	-13	-28.83	-58.43	-47.63	7.3	13.10	H
	7493.36	-57.21	-13	-44.21	-77.19	-60.78	7.73	11.30	H
	3746.68	-51.41	-13	-38.41	-65.74	-58.99	5.02	12.6	V
	5620.02	-38.02	-13	-25.02	-55.46	-43.82	7.3	13.1	V
	7493.36	-58.35	-13	-45.35	-77.99	-61.92	7.73	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	-53.21	-13	-40.21	-66.83	-60.79	5.02	12.60	H
	5613.27	-42.43	-13	-29.43	-59.03	-48.23	7.3	13.10	H
	7484.36	-56.37	-13	-43.37	-76.35	-59.94	7.73	11.30	H
	3742.18	-52.29	-13	-39.29	-66.62	-59.87	5.02	12.6	V
	5613.27	-41.04	-13	-28.04	-57.57	-46.84	7.3	13.1	V
	7484.36	-57.63	-13	-44.63	-77.27	-61.20	7.73	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	-56.24	-13	-43.24	-69.94	-64.21	4.63	12.60	H
	5195.61	-40.47	-13	-27.47	-58.40	-46.92	6.25	12.70	H
	6927.48	-56.73	-13	-43.73	-76.35	-61.50	8.23	13.00	H
	3463.74	-57.37	-13	-44.37	-68.78	-65.34	4.63	12.6	V
	5195.61	-46.49	-13	-33.49	-60.21	-52.94	6.25	12.7	V
	6927.48	-52.05	-13	-39.05	-71.17	-56.82	8.23	13	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	-58.21	-13	-45.21	-71.91	-66.18	4.63	12.60	H
	5193.72	-43.22	-13	-30.22	-61.15	-49.67	6.25	12.70	H
	6924.96	-58.74	-13	-45.74	-78.36	-63.51	8.23	13.00	H
	3462.48	-60.11	-13	-47.11	-71.52	-68.08	4.63	12.6	V
	5193.72	-50.32	-13	-37.32	-63.93	-56.77	6.25	12.7	V
	6924.96	-55.13	-13	-42.13	-74.25	-59.90	8.23	13	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	-60.11	-13	-47.11	-73.81	-68.08	4.63	12.60	H
	5191.02	-45.83	-13	-32.83	-63.76	-52.28	6.25	12.70	H
	6921.36	-58.51	-13	-45.51	-78.13	-63.28	8.23	13.00	H
	3460.68	-62.15	-13	-49.15	-73.56	-70.12	4.63	12.6	V
	5191.02	-53.08	-13	-40.08	-66.69	-59.53	6.25	12.7	V
	6921.36	-55.98	-13	-42.98	-75.1	-60.75	8.23	13	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	-55.43	-13	-42.43	-69.13	-63.40	4.63	12.60	H
	5184.27	-35.17	-13	-22.17	-53.50	-41.62	6.25	12.70	H
	6912.36	-55.48	-13	-42.48	-75.10	-60.25	8.23	13.00	H
	3456.18	-58.14	-13	-45.14	-69.55	-66.11	4.63	12.6	V
	5184.27	-41.45	-13	-28.45	-57.28	-47.90	6.25	12.7	V
	6912.36	-48.61	-13	-35.61	-67.73	-53.38	8.23	13	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	-57.88	-13	-44.88	-71.58	-65.85	4.63	12.60	H
	5177.52	-42.28	-13	-29.28	-60.21	-48.73	6.25	12.70	H
	6903.36	-54.20	-13	-41.20	-73.82	-58.97	8.23	13.00	H
	3451.68	-60.14	-13	-47.14	-71.55	-68.11	4.63	12.6	V
	5177.52	-50.64	-13	-37.64	-64.25	-57.09	6.25	12.7	V
	6903.36	-47.79	-13	-34.79	-66.91	-52.56	8.23	13	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	-55.71	-13	-42.71	-69.41	-63.68	4.63	12.60	H
	5170.77	-36.03	-13	-23.03	-54.19	-42.48	6.25	12.70	H
	6894.36	-56.26	-13	-43.26	-75.88	-61.03	8.23	13.00	H
	3447.18	-57.66	-13	-44.66	-69.07	-65.63	4.63	12.6	V
	5170.77	-41.57	-13	-28.57	-57.4	-48.02	6.25	12.7	V
	6894.36	-49.09	-13	-36.09	-68.21	-53.86	8.23	13	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	5065.7	-53.39	-25	-28.39	-70.46	-60.24	6.25	13.10	H
	7598.5	-43.25	-25	-18.25	-64.12	-46.82	7.73	11.30	H
	10131.4	-53.58	-25	-28.58	-79.68	-57.24	8.44	12.10	H
	12662.5	-44.86	-25	-19.86	-73.88	-49.48	8.98	13.60	H
	5065.7	-55.92	-25	-30.92	-72.66	-62.7656	6.25	13.10	V
	7598.5	-44.55	-25	-19.55	-65.09	-48.1156	7.73	11.30	V
	10131.4	-53.94	-25	-28.94	-78.23	-57.5956	8.44	12.10	V
	12662.5	-46.08	-25	-21.08	-75.24	-50.70	8.98	13.60	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	5061.2	-52.90	-25	-27.90	-69.97	-59.75	6.25	13.10	H
	7591.8	-41.88	-25	-16.88	-62.75	-45.45	7.73	11.30	H
	10122.4	-54.32	-25	-29.32	-80.42	-57.98	8.44	12.10	H
	12653.0	-45.06	-25	-20.06	-74.08	-49.68	8.98	13.60	H
	5061.2	-55.79	-25	-30.79	-72.53	-62.64	6.25	13.10	V
	7591.8	-44.65	-25	-19.65	-65.19	-48.22	7.73	11.30	V
	10122.4	-55.80	-25	-30.80	-80.09	-59.46	8.44	12.10	V
	12653.0	-45.61	-25	-20.61	-74.77	-50.23	8.98	13.60	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	5056.7	-53.02	-25	-28.02	-70.09	-59.87	6.25	13.10	H
	7585.0	-41.31	-25	-16.31	-62.18	-44.88	7.73	11.30	H
	10113.4	-54.66	-25	-29.66	-80.76	-58.32	8.44	12.10	H
	12641.7	-45.48	-25	-20.48	-74.50	-50.10	8.98	13.60	H
	5056.7	-56.02	-25	-31.02	-72.76	-62.8656	6.25	13.10	V
	7585.0	-44.39	-25	-19.39	-64.93	-47.9556	7.73	11.30	V
	10113.4	-56.25	-25	-31.25	-80.54	-59.9056	8.44	12.10	V
	12641.7	-45.04	-25	-20.04	-74.20	-49.66	8.98	13.60	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	5052.2	-53.29	-25	-28.29	-70.36	-60.14	6.25	13.10	H
	7578.3	-40.99	-25	-15.99	-61.86	-44.56	7.73	11.30	H
	10104.4	-54.52	-25	-29.52	-80.62	-58.18	8.44	12.10	H
	12630.5	-46.25	-25	-21.25	-75.27	-50.87	8.98	13.60	H
	5052.2	-55.38	-25	-30.38	-72.12	-62.2256	6.25	13.10	V
	7578.3	-43.73	-25	-18.73	-64.27	-47.2956	7.73	11.30	V
	10104.4	-55.46	-25	-30.46	-79.75	-59.1156	8.44	12.10	V
	12630.5	-46.38	-25	-21.38	-75.54	-51.00	8.98	13.60	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	-43.11	-13	-30.11	-52.39	-47.52	2.84	9.40	H
	2120.61	-58.91	-13	-45.91	-69.33	-63.66	3.7	10.60	H
	2827.48	-61.70	-13	-48.70	-76.46	-67.78	4.37	12.60	H
	1413.74	-42.25	-13	-29.25	-51.88	-46.66	2.84	9.40	V
	2120.61	-59.82	-13	-46.82	-69.65	-64.57	3.70	10.60	V
	2827.48	-62.40	-13	-49.40	-75.97	-68.48	4.37	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	-38.42	-13	-25.42	-48.64	-42.83	2.84	9.40	H
	2118.45	-54.13	-13	-41.13	-64.55	-58.88	3.7	10.60	H
	2824.6	-60.82	-13	-47.82	-75.58	-66.90	4.37	12.60	H
	1412.3	-39.73	-13	-26.73	-49.82	-44.14	2.84	9.40	V
	2118.45	-56.82	-13	-43.82	-66.65	-61.57	3.70	10.60	V
	2824.6	-61.45	-13	-48.45	-75.02	-67.53	4.37	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	-38.10	-13	-25.10	-48.41	-42.51	2.84	9.40	H
	2115.75	-54.36	-13	-41.36	-64.78	-59.11	3.7	10.60	H
	2821	-61.17	-13	-48.17	-75.93	-67.25	4.37	12.60	H
	1410.5	-38.98	-13	-25.98	-49.20	-43.39	2.84	9.40	V
	2115.75	-58.19	-13	-45.19	-68.02	-62.94	3.70	10.60	V
	2821	-61.57	-13	-48.57	-75.14	-67.65	4.37	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	1408	-34.22	-13	-21.22	-44.81	-38.63	2.84	9.40	H
	2109	-57.11	-13	-44.11	-67.53	-61.86	3.7	10.60	H
	2812	-59.74	-13	-46.74	-74.50	-65.82	4.37	12.60	H
	1408	-35.83	-13	-22.83	-46.46	-40.24	2.84	9.40	V
	2109	-59.42	-13	-46.42	-69.25	-64.17	3.70	10.60	V
	2812	-59.83	-13	-46.83	-73.40	-65.91	4.37	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	-44.77	-13	-31.77	-50.68	-47.74	2.88	8.00	H
	2123.58	-60.54	-13	-47.54	-66.74	-65.54	3.25	10.40	H
	2831.36	-62.01	-13	-49.01	-70.50	-67.49	3.87	11.50	H
	1415.68	-43.54	-13	-30.54	-50.74	-46.51	2.88	8.00	V
	2123.58	-62.79	-13	-49.79	-67.18	-67.79	3.25	10.40	V
	2831.36	-64.57	-13	-51.57	-71.94	-70.05	3.87	11.50	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	-42.16	-13	-29.16	-48.47	-45.13	2.88	8.00	H
	2116.77	-58.93	-13	-45.93	-65.13	-63.93	3.25	10.40	H
	2822.36	-64.32	-13	-51.32	-72.81	-69.80	3.87	11.50	H
	1411.18	-43.32	-13	-30.32	-50.57	-46.29	2.88	8.00	V
	2116.77	-63.40	-13	-50.40	-67.79	-68.40	3.25	10.40	V
	2822.36	-63.93	-13	-50.93	-71.30	-69.41	3.87	11.50	V

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