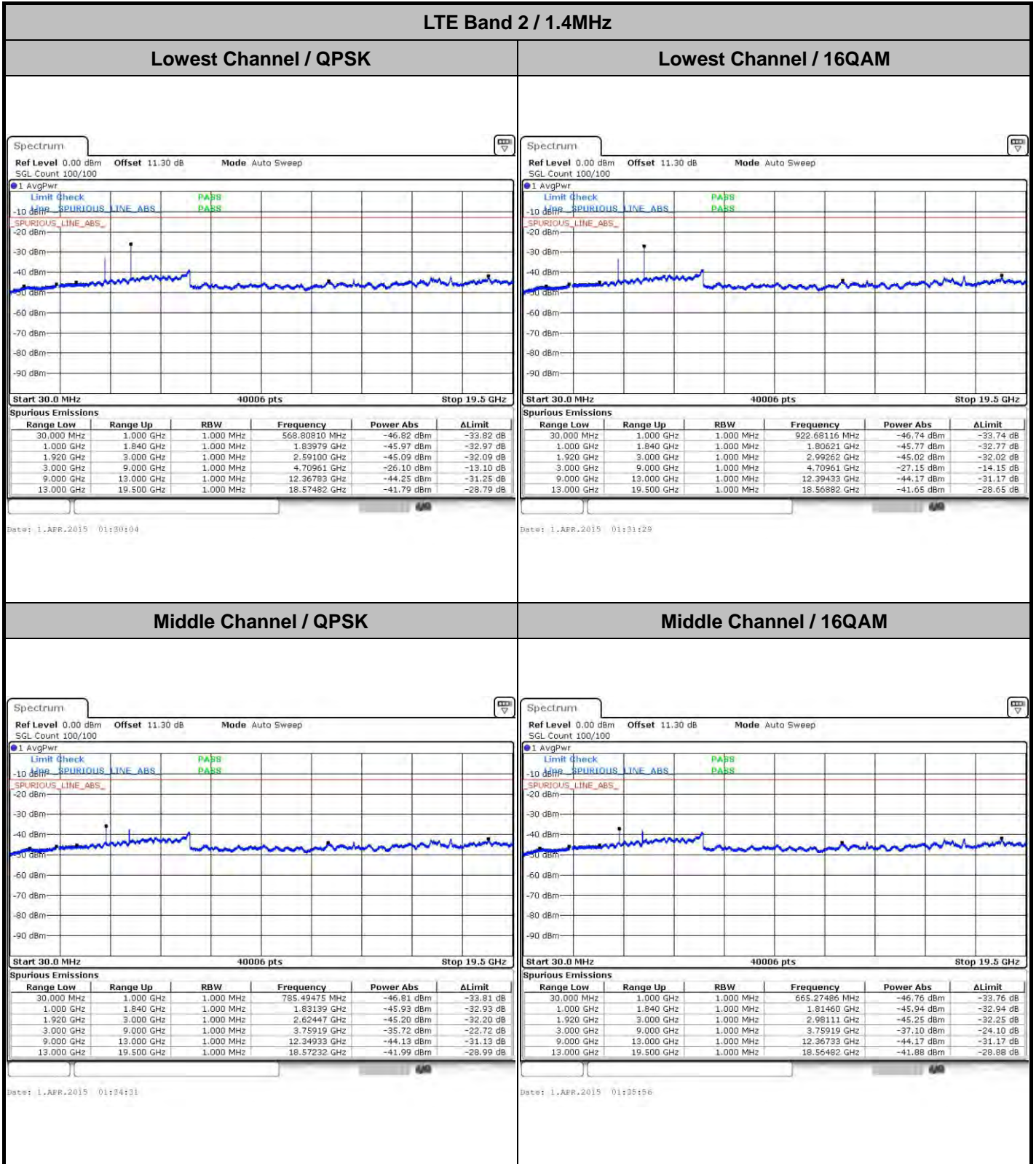




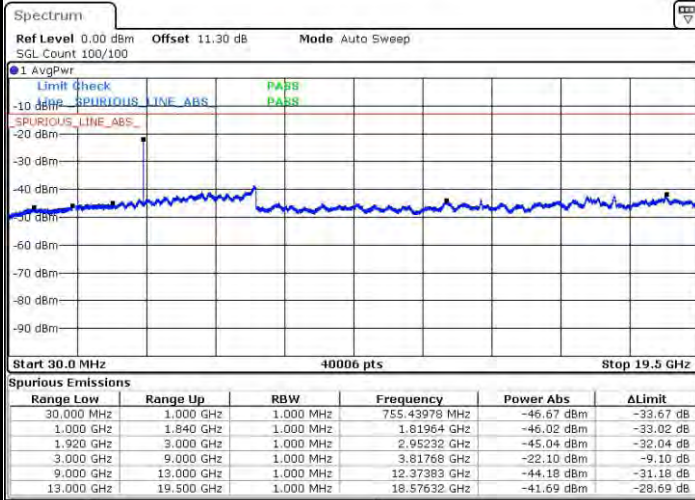
Conducted Spurious Emission





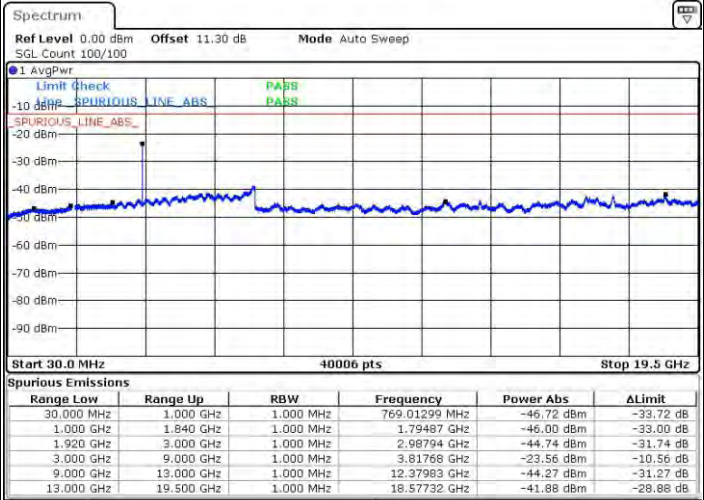
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 1.APR.2015 01:44:41

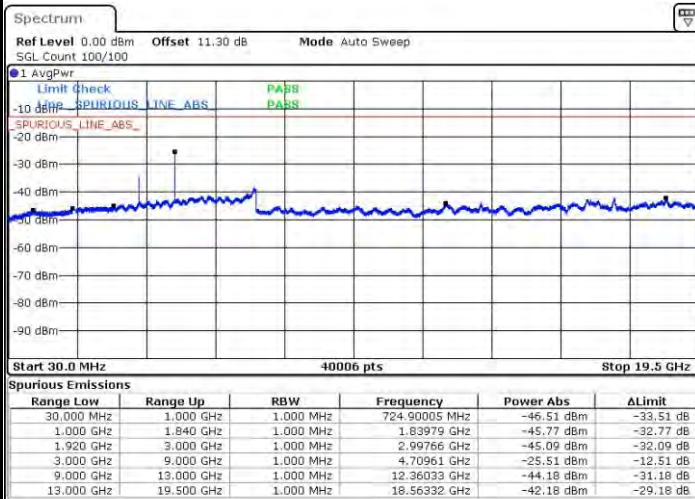
Highest Channel / 16QAM



Date: 1.APR.2015 01:46:07

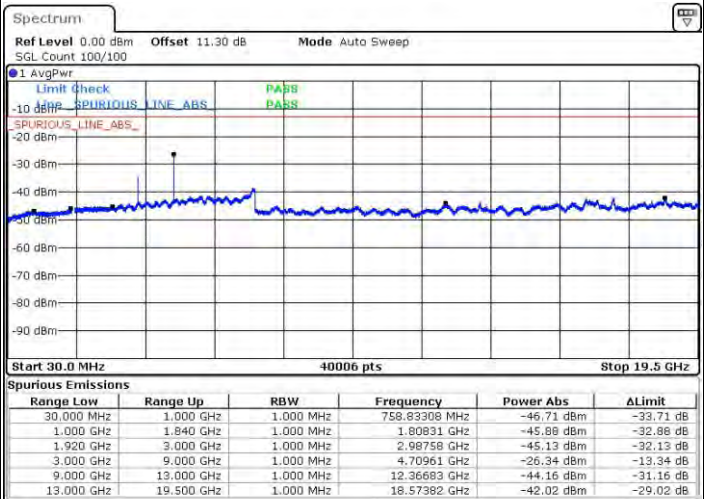
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 31.MAR.2015 23:24:46

Lowest Channel / 16QAM



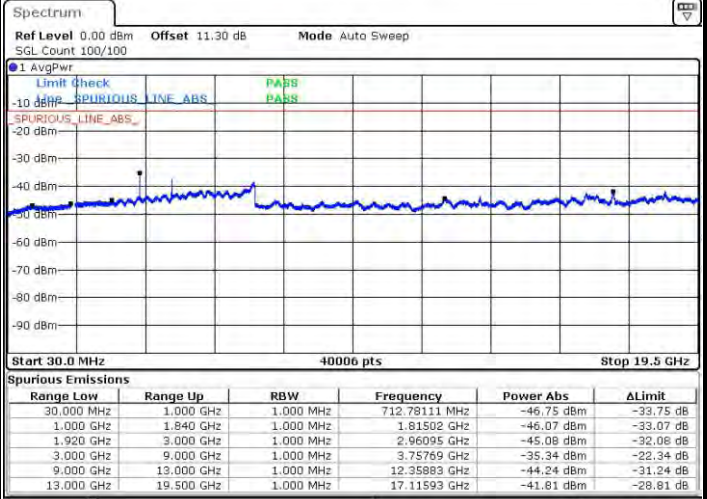
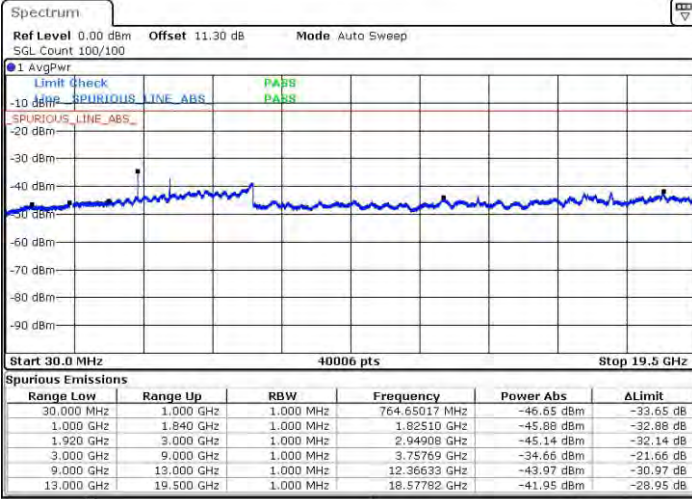
Date: 31.MAR.2015 23:25:59



LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

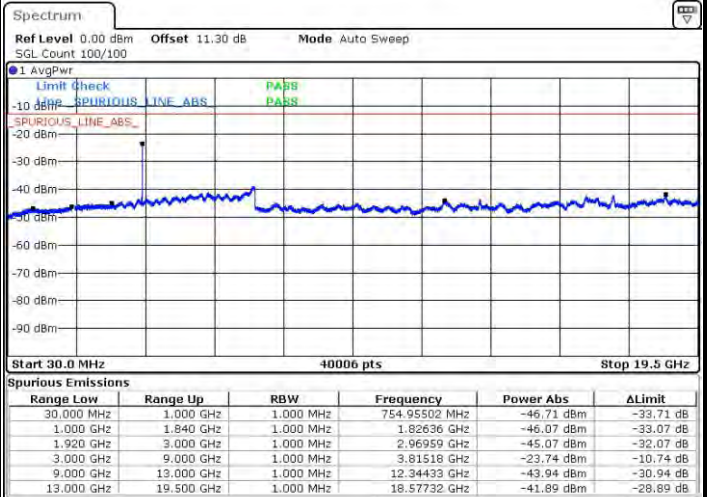
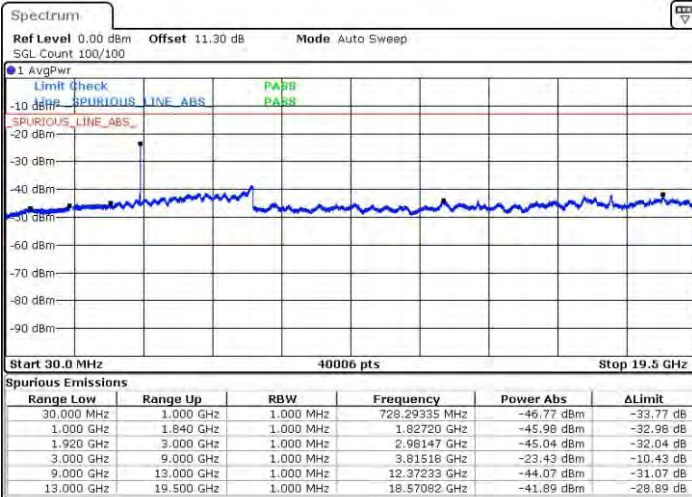


Date: 01.MAR.2015 23:28:04

Date: 01.MAR.2015 23:29:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 01.MAR.2015 23:36:13

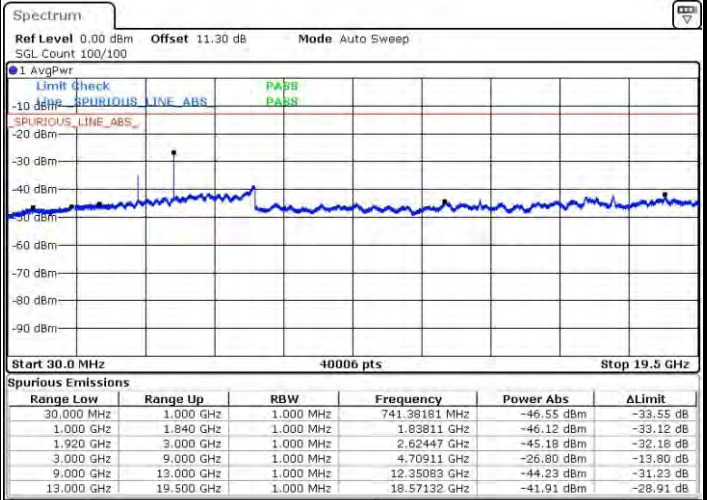
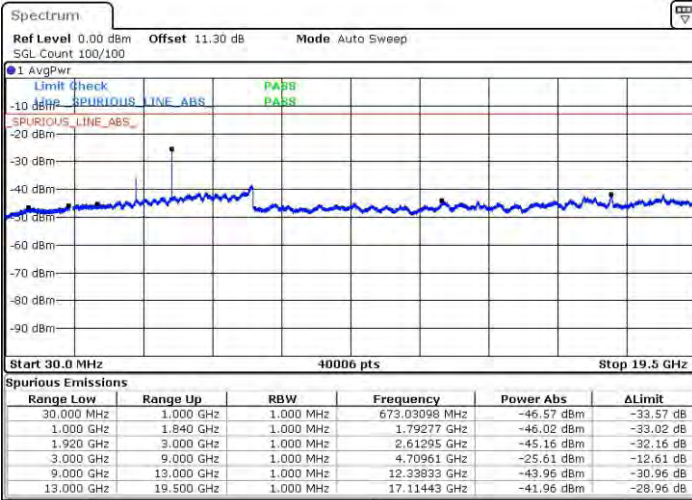
Date: 01.MAR.2015 23:37:26



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

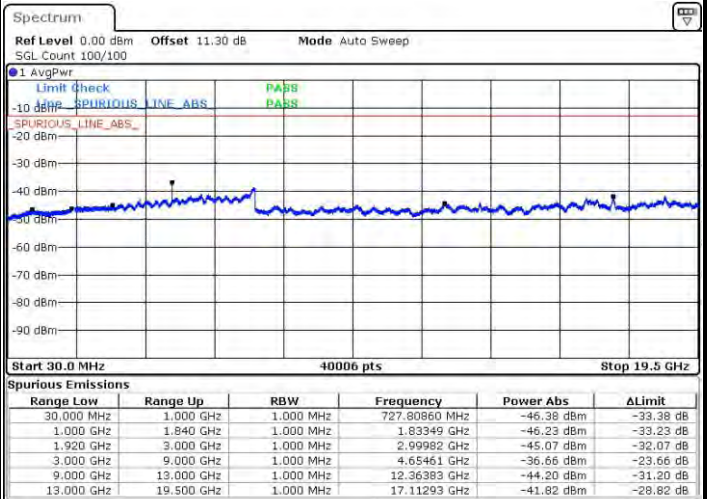
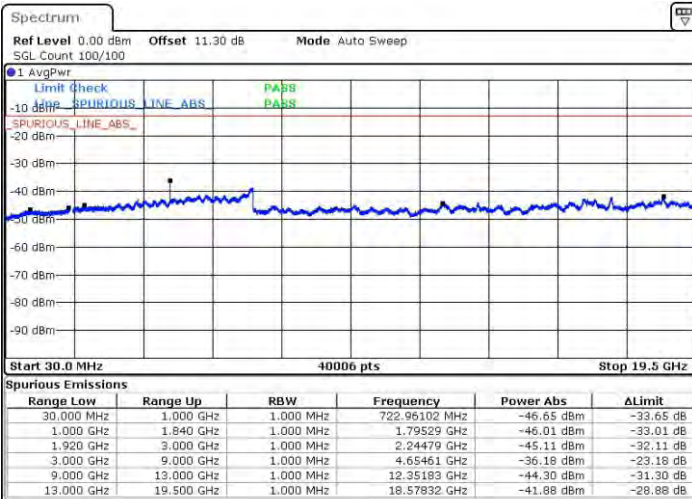


Date: 31.MAR.2015 23:44:25

Date: 31.MAR.2015 23:45:39

Middle Channel / QPSK

Middle Channel / 16QAM



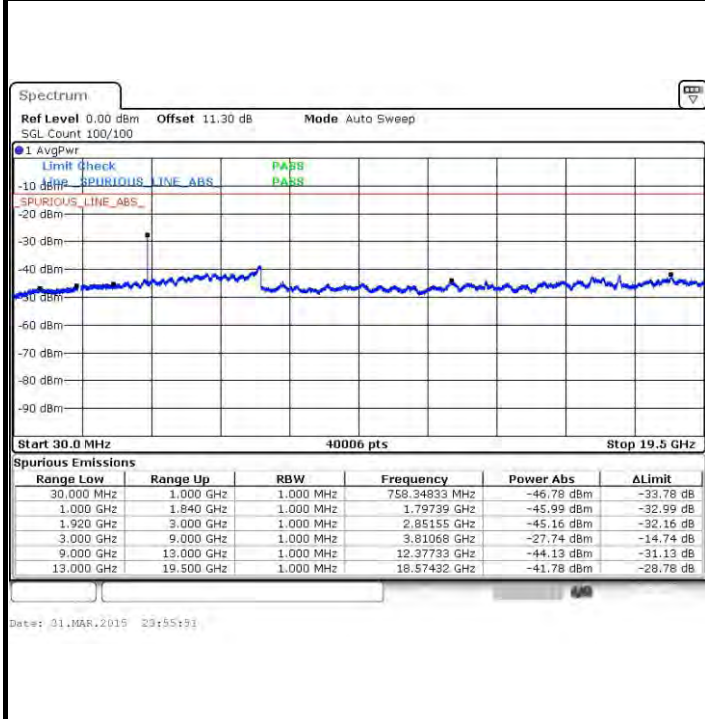
Date: 31.MAR.2015 23:47:44

Date: 31.MAR.2015 23:48:56



LTE Band 2 / 5MHz

Highest Channel / QPSK

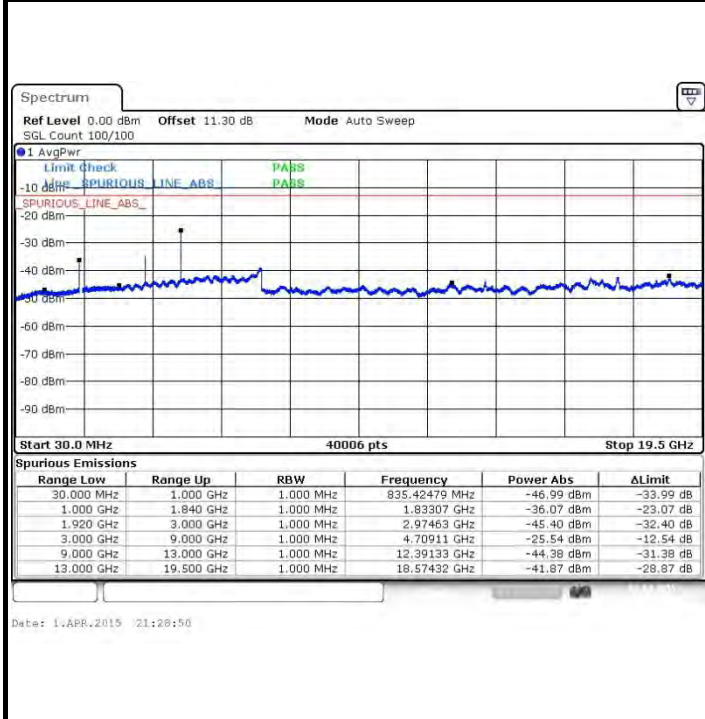


Highest Channel / 16QAM

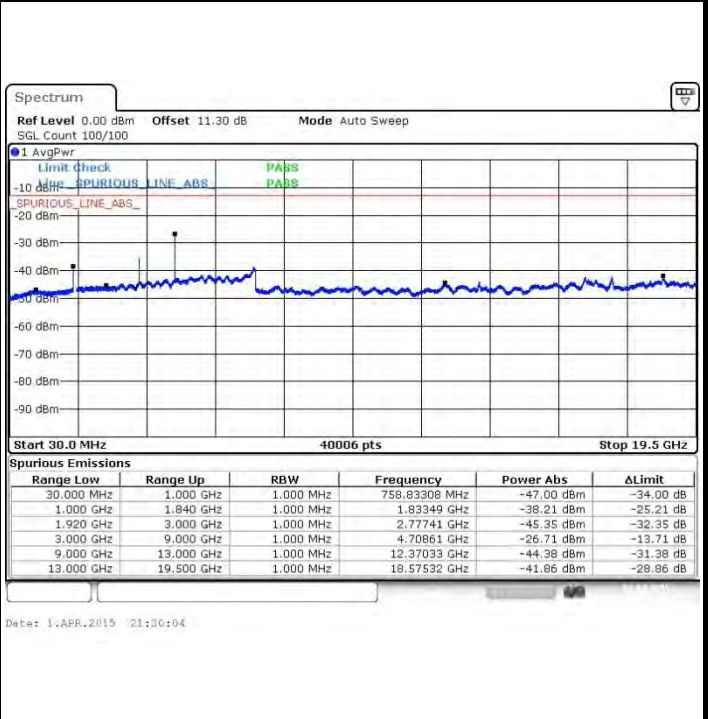


LTE Band 2 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

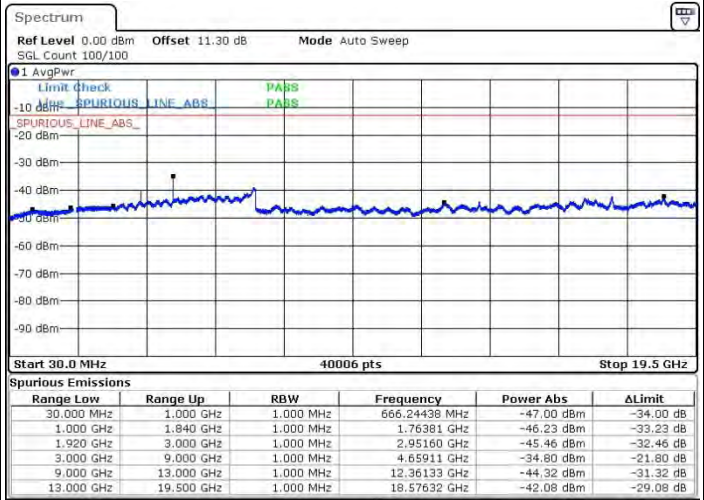
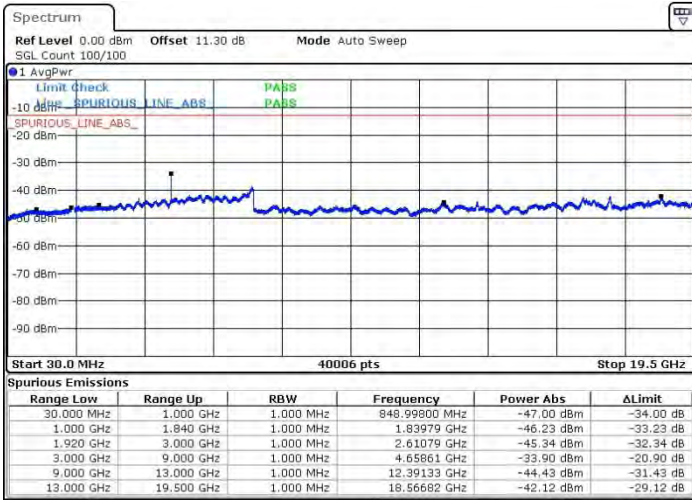




LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

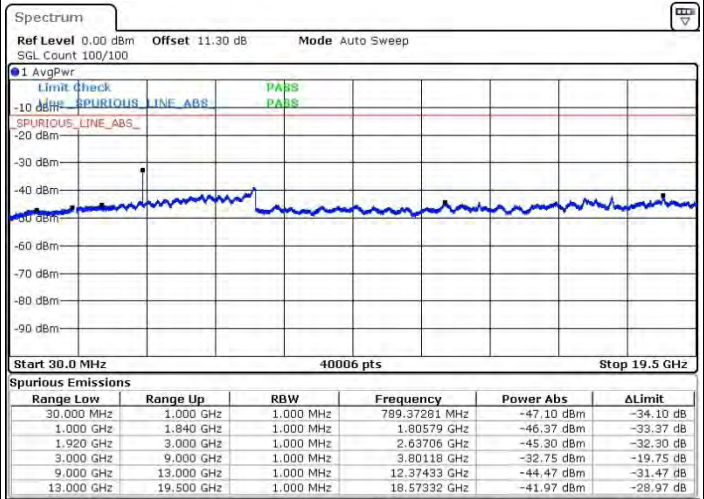
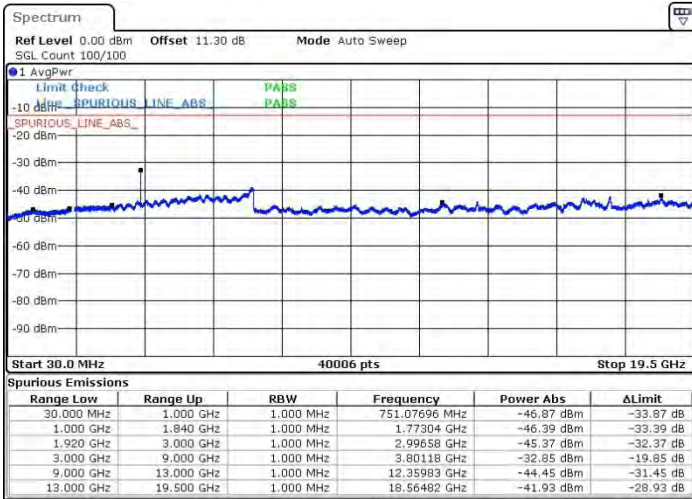


Date: 1-APR-2015 21:32:10

Date: 1-APR-2015 21:33:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1-APR-2015 21:40:17

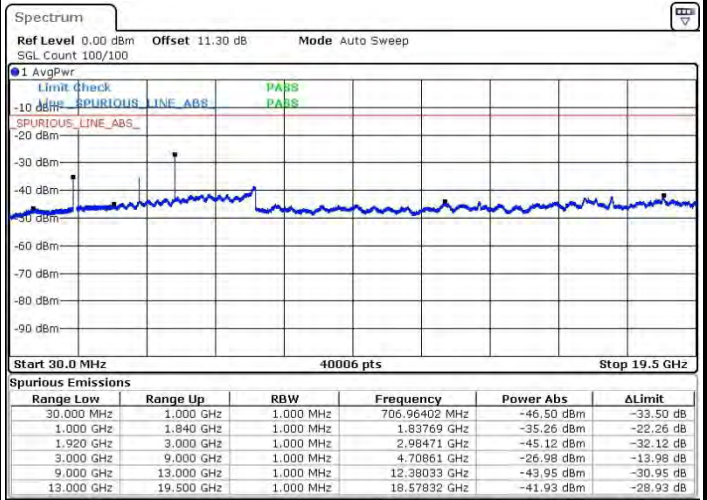
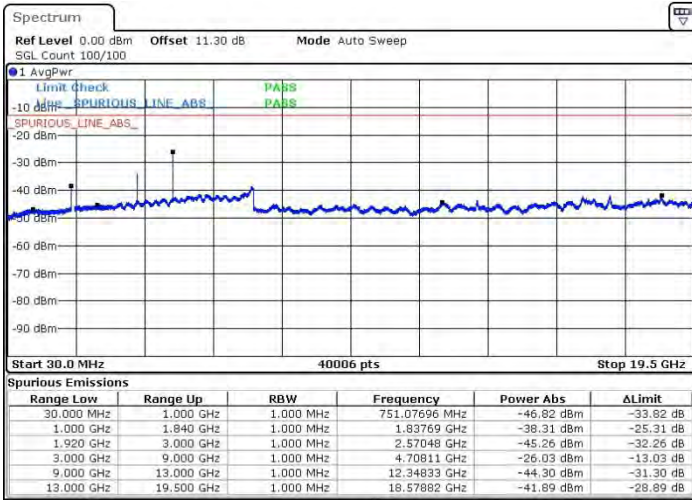
Date: 1-APR-2015 21:41:30



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

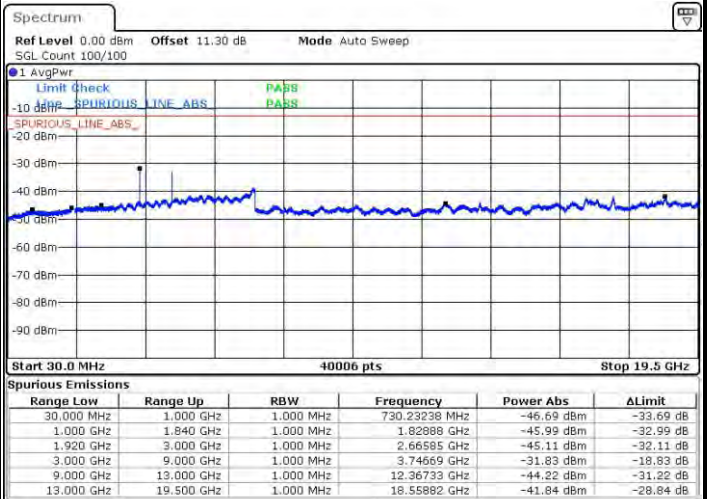
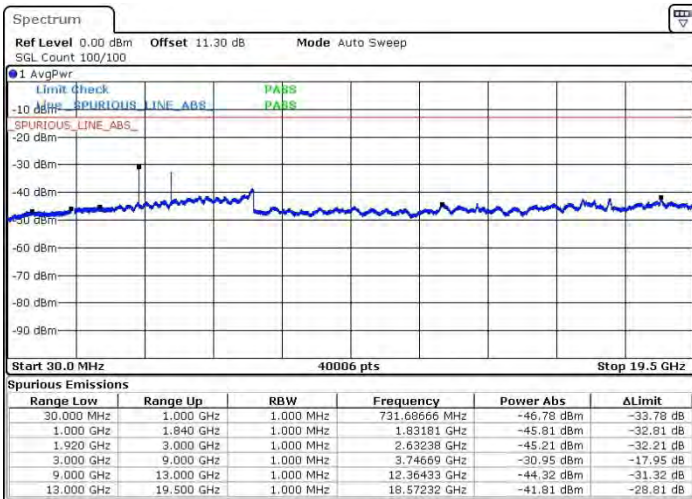


Date: 1.APR.2015 00:26:20

Date: 1.APR.2015 00:27:51

Middle Channel / QPSK

Middle Channel / 16QAM



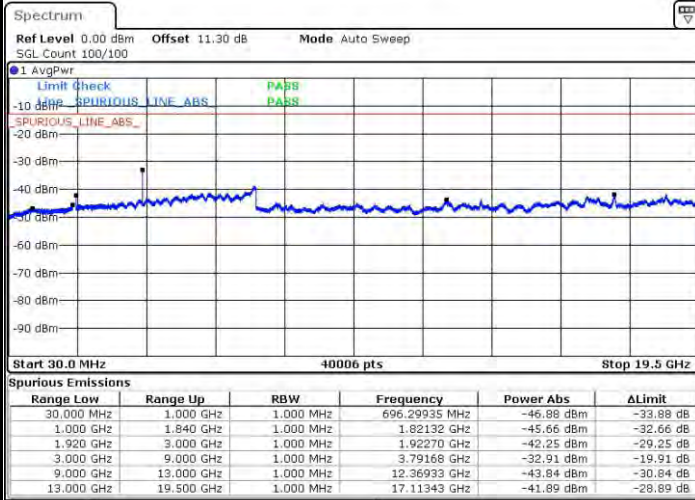
Date: 1.APR.2015 00:37:51

Date: 1.APR.2015 00:39:11



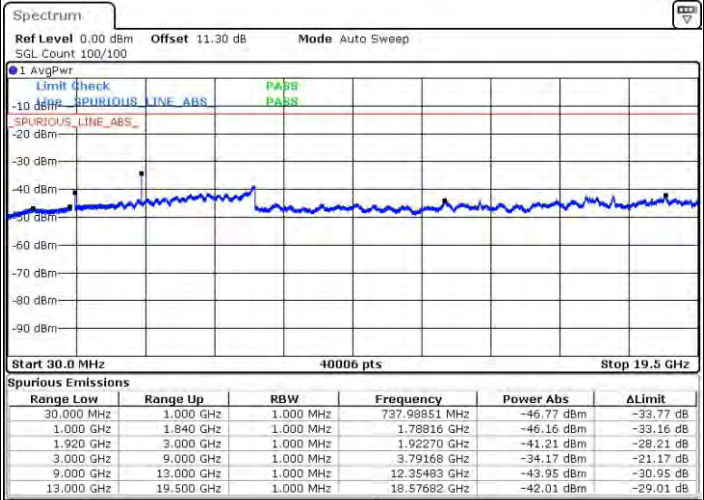
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 1.APR.2015 00:46:54

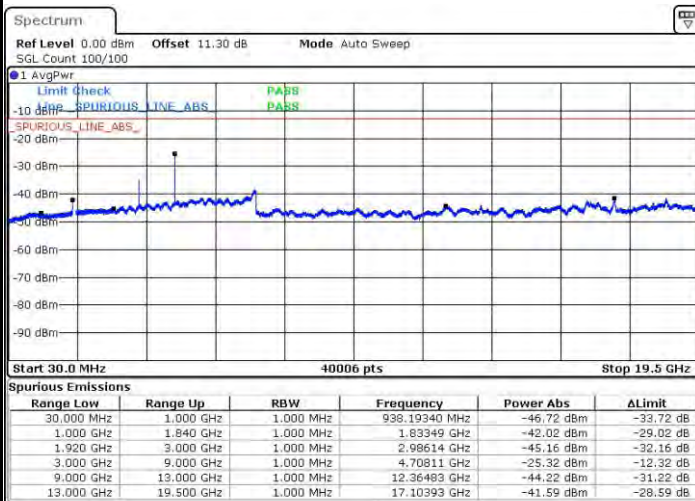
Highest Channel / 16QAM



Date: 1.APR.2015 00:48:13

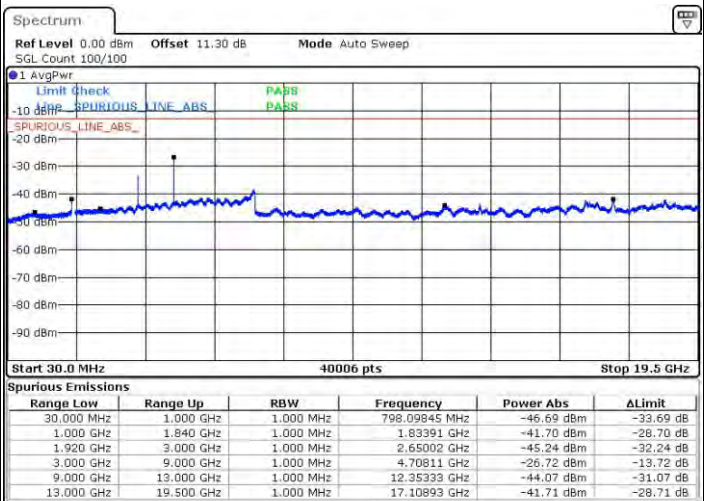
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 1.APR.2015 00:56:10

Lowest Channel / 16QAM



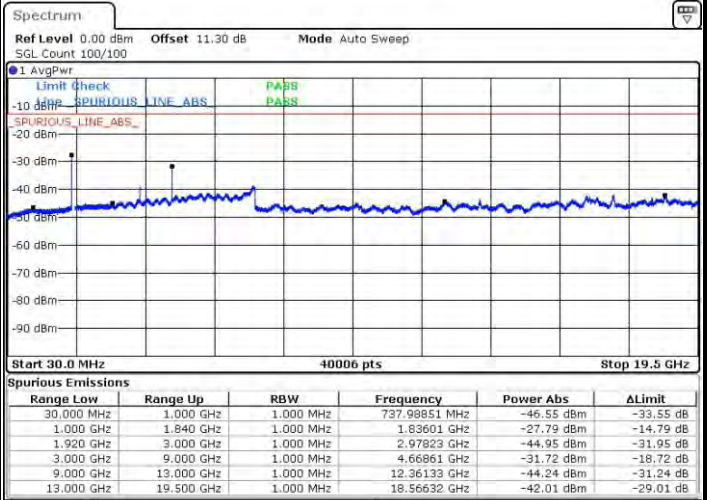
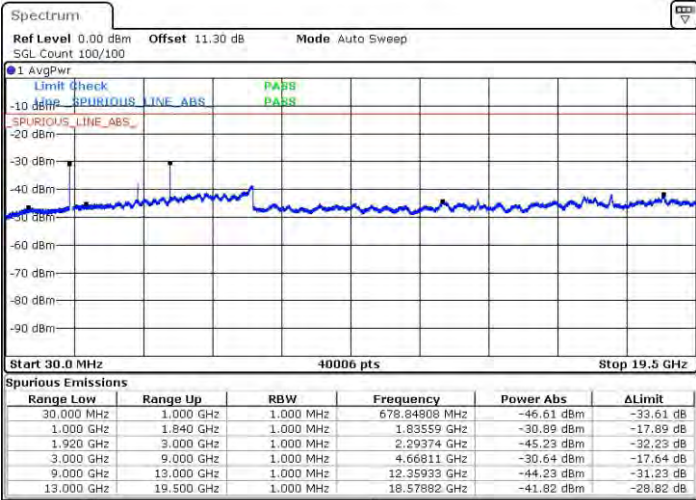
Date: 1.APR.2015 00:57:30



LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

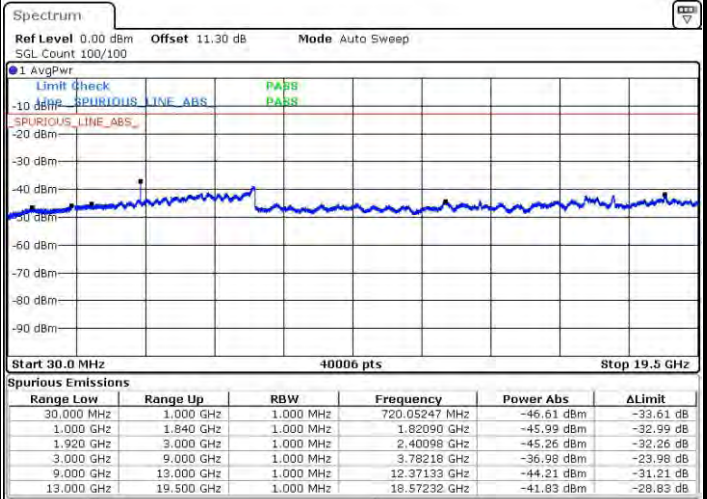
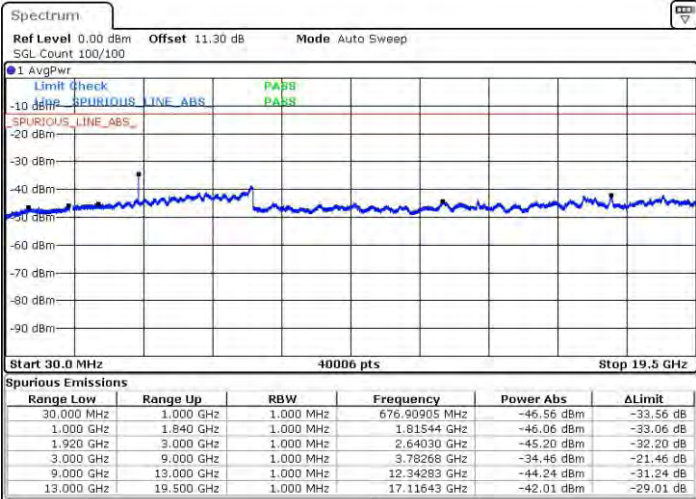


Date: 1.APR.2015 01:00:12

Date: 1.APR.2015 01:01:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.APR.2015 01:09:42

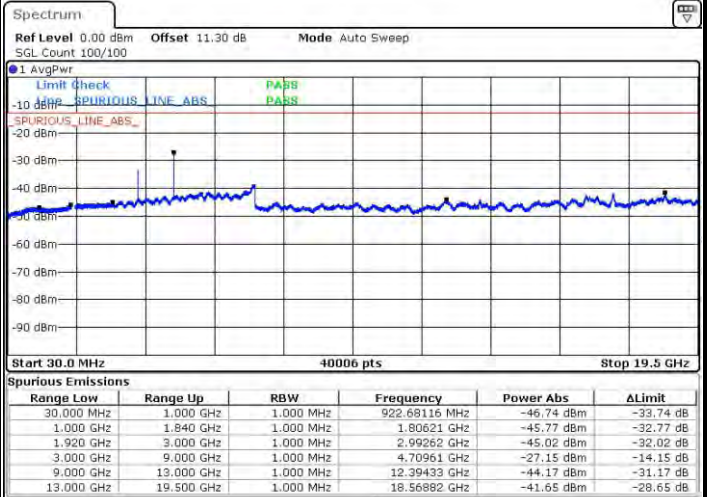
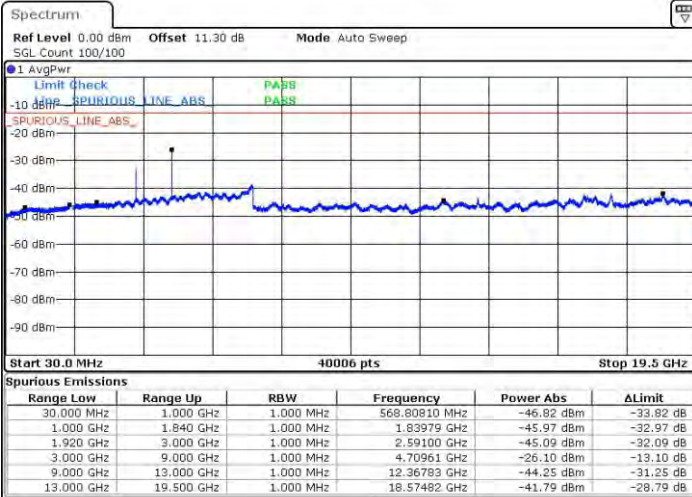
Date: 1.APR.2015 01:11:04



LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

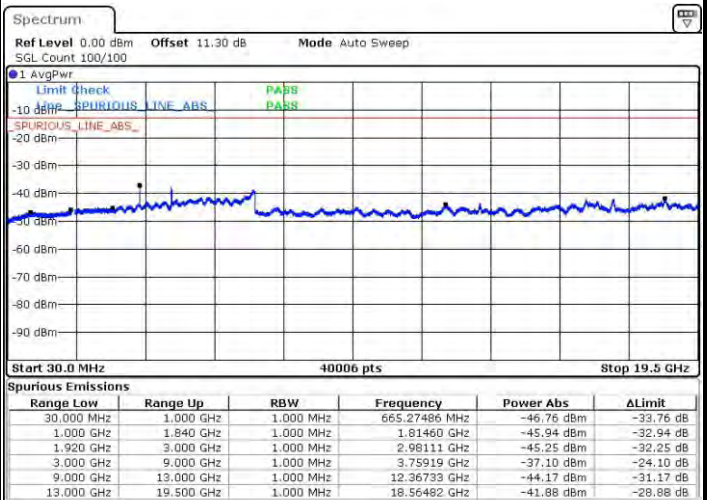
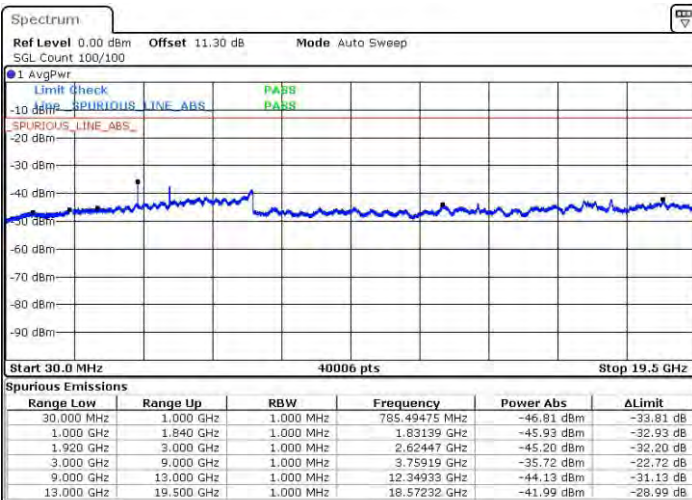


Date: 1.APR.2015 01:30:04

Date: 1.APR.2015 01:31:29

Middle Channel / QPSK

Middle Channel / 16QAM



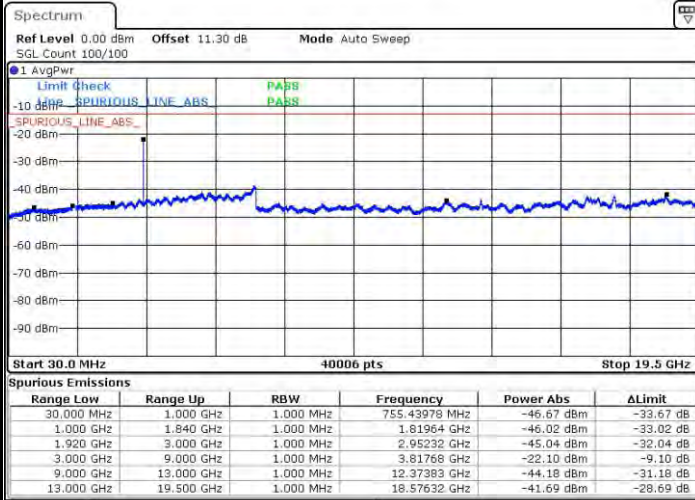
Date: 1.APR.2015 01:34:31

Date: 1.APR.2015 01:35:56



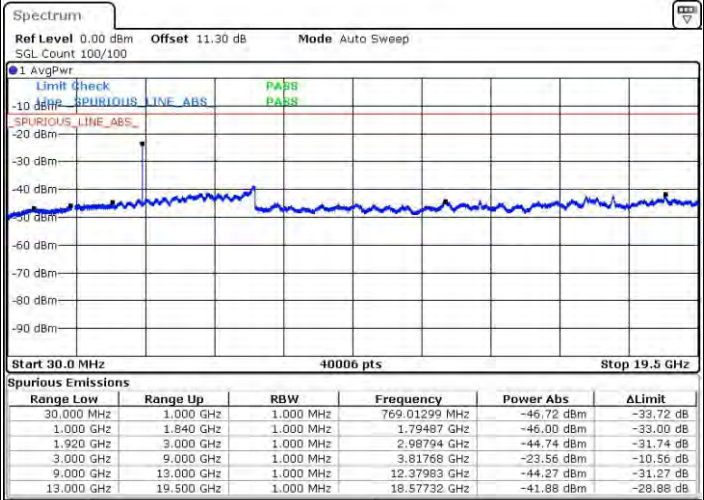
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 1.APR.2015 01:44:41

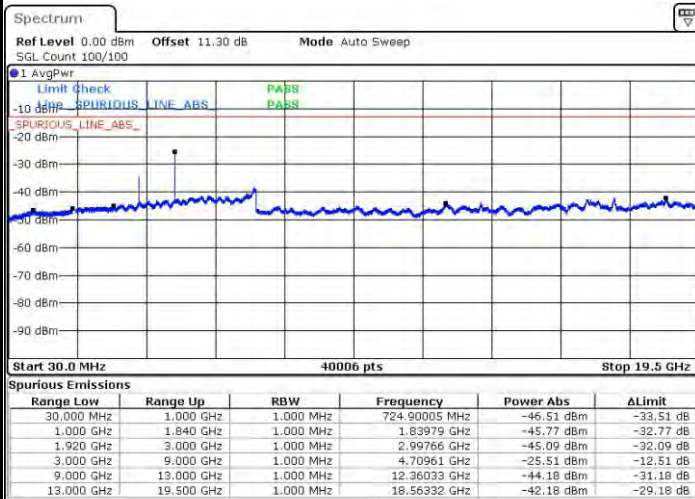
Highest Channel / 16QAM



Date: 1.APR.2015 01:46:07

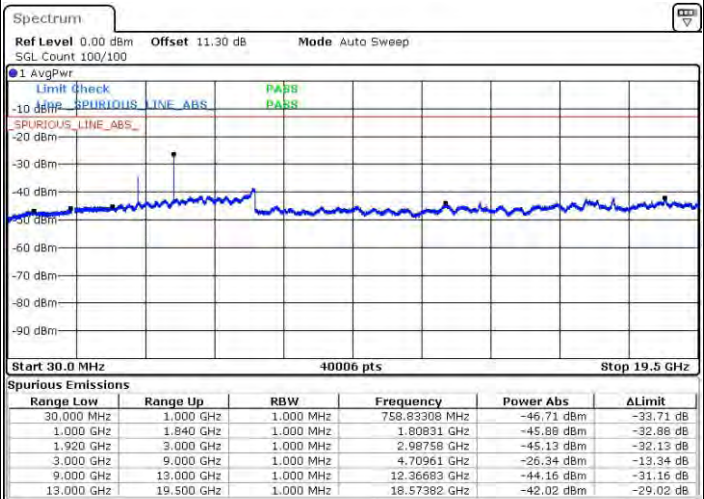
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 31.MAR.2015 23:24:46

Lowest Channel / 16QAM



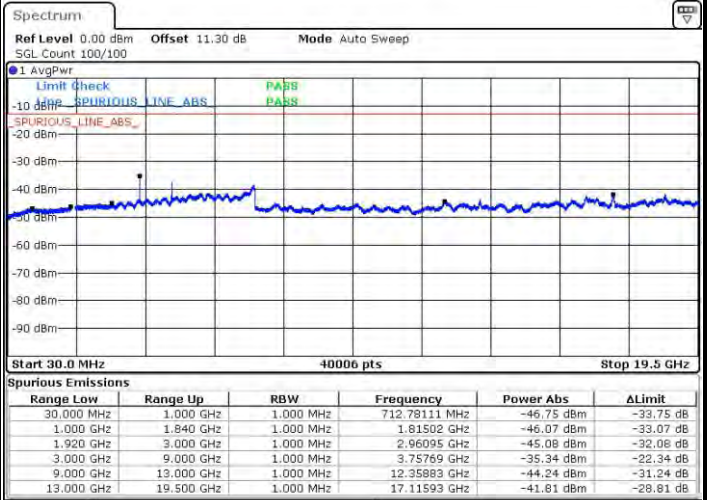
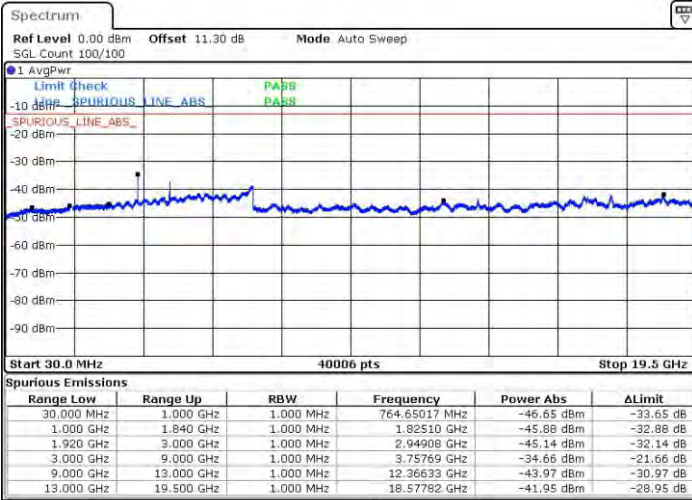
Date: 31.MAR.2015 23:25:59



LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

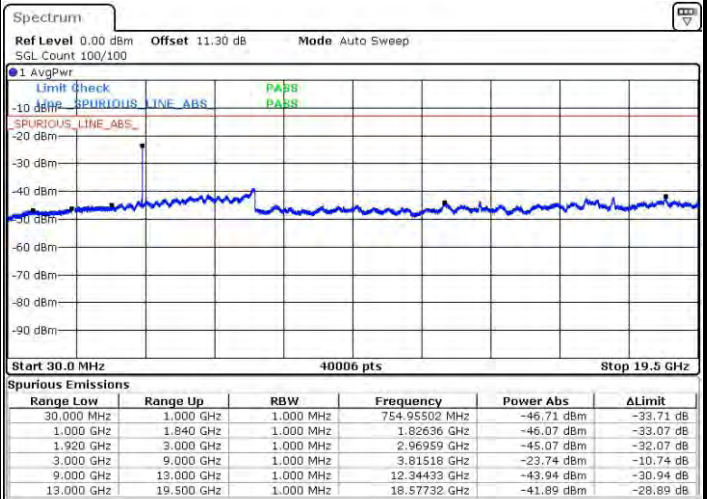
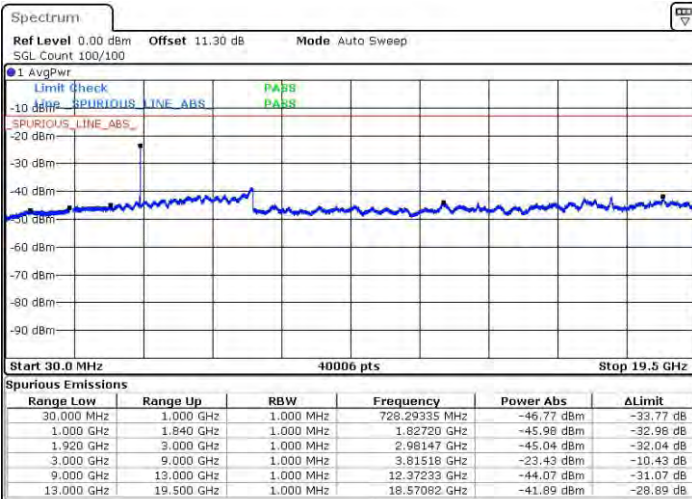


Date: 01.MAR.2015 23:28:04

Date: 01.MAR.2015 23:29:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 01.MAR.2015 23:36:13

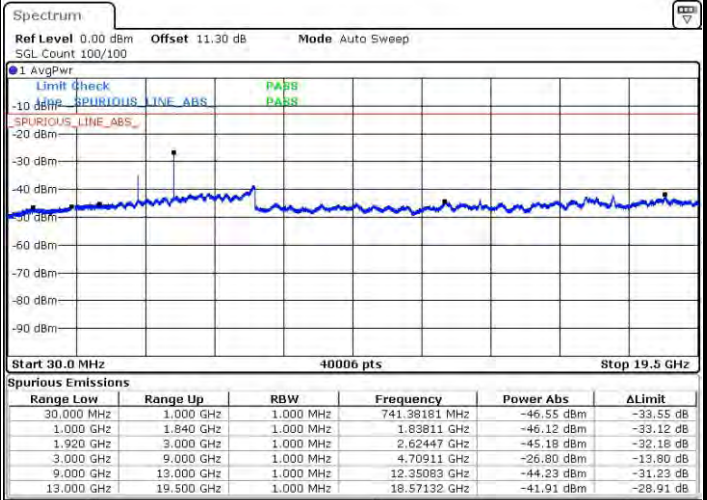
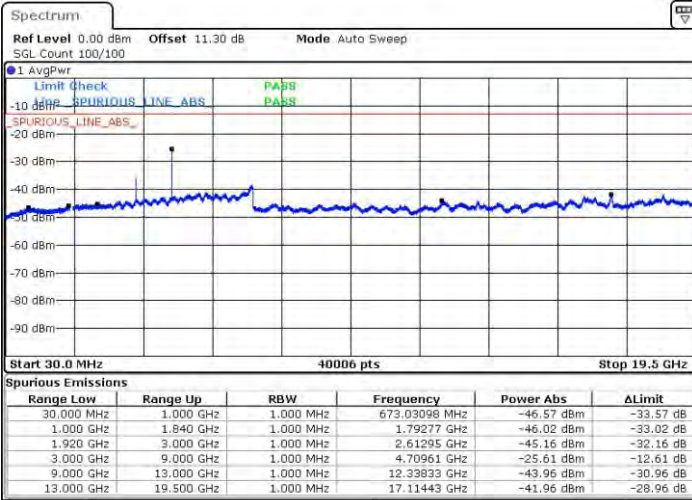
Date: 01.MAR.2015 23:37:26



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

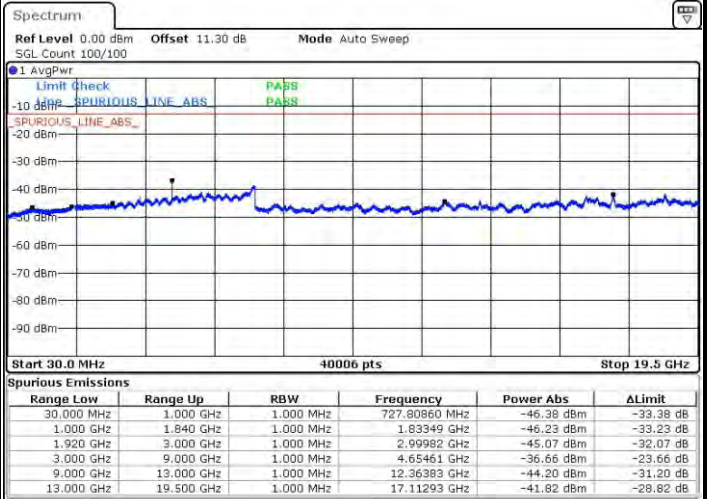
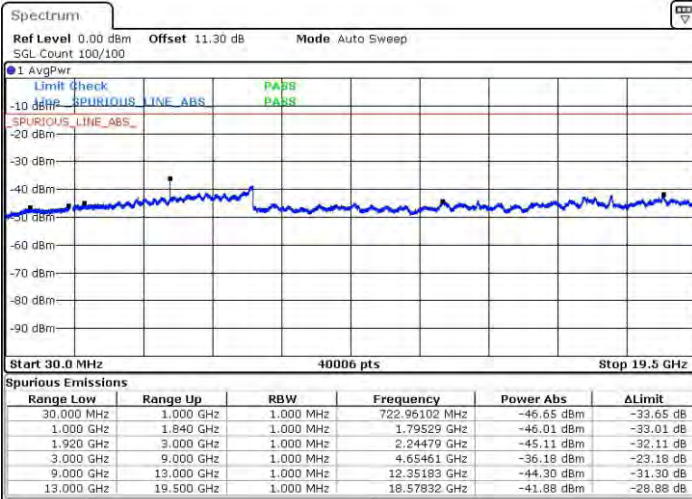


Date: 31.MAR.2015 23:44:25

Date: 31.MAR.2015 23:45:39

Middle Channel / QPSK

Middle Channel / 16QAM



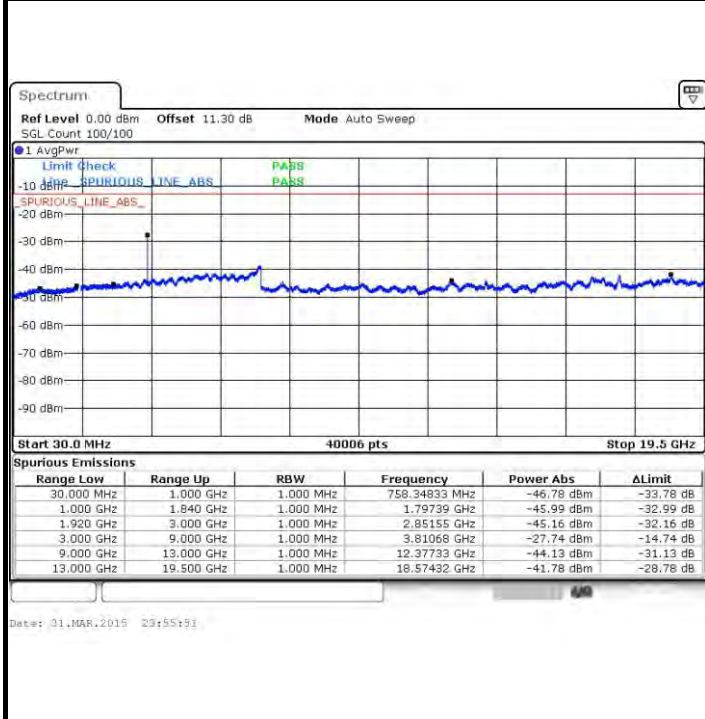
Date: 31.MAR.2015 23:47:44

Date: 31.MAR.2015 23:48:56



LTE Band 2 / 5MHz

Highest Channel / QPSK

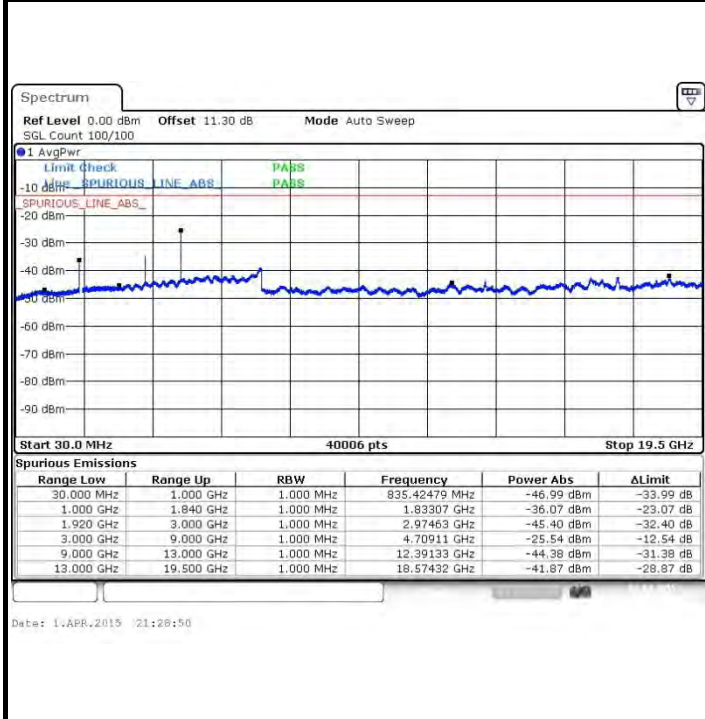


Highest Channel / 16QAM

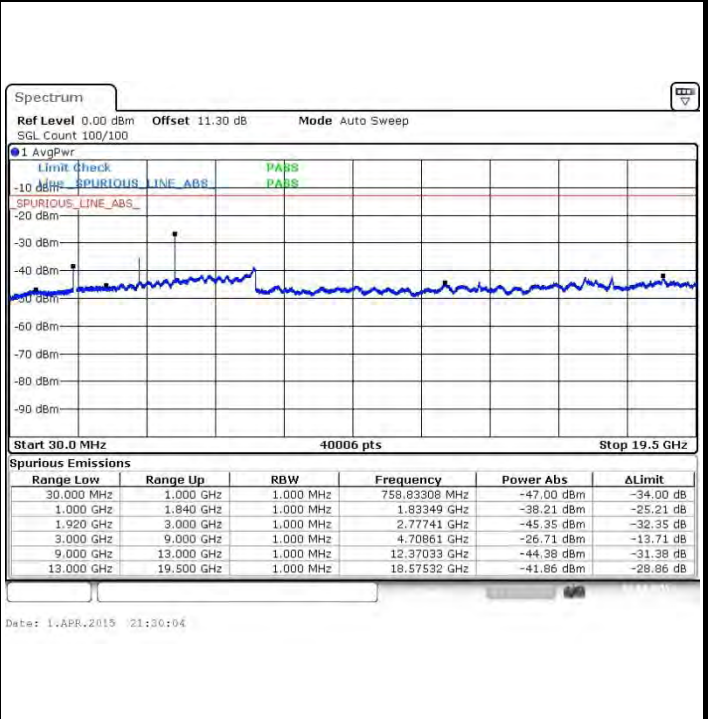


LTE Band 2 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

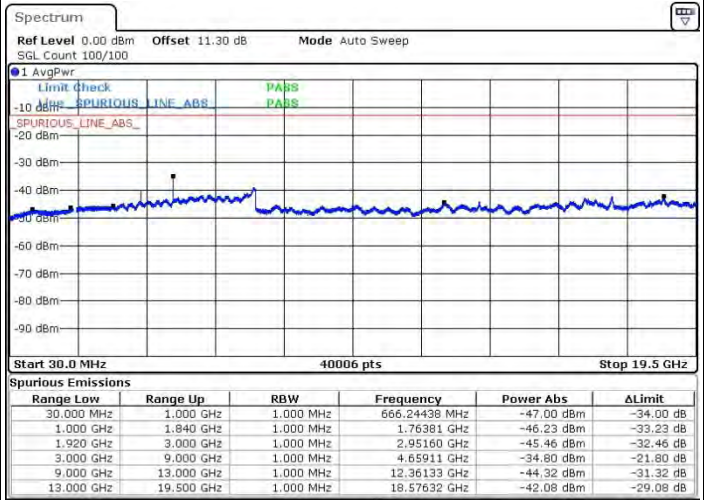
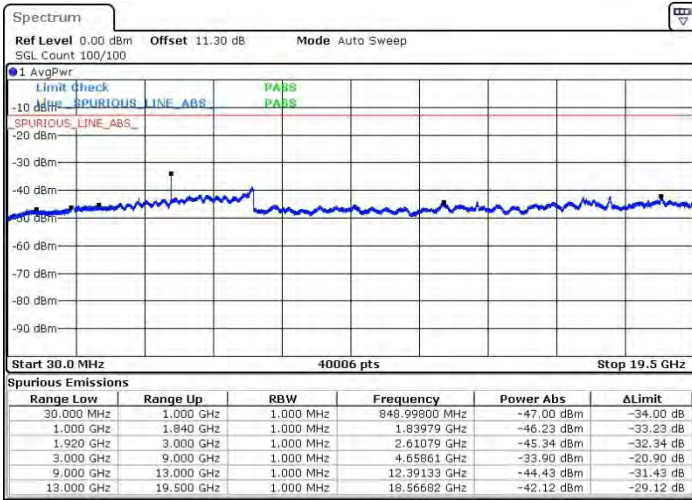




LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

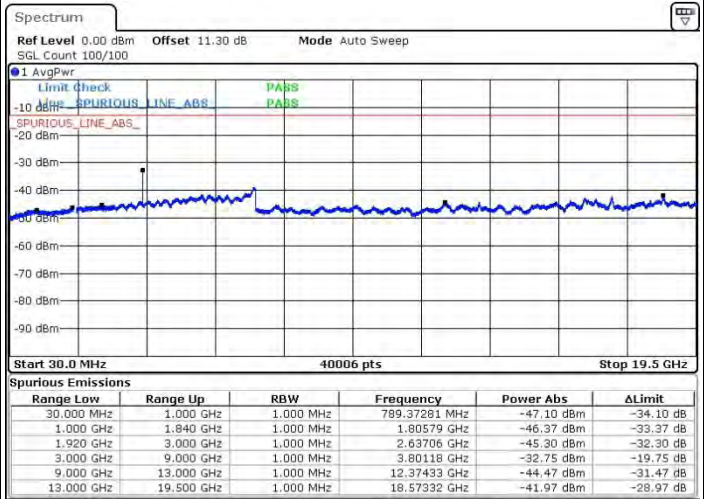
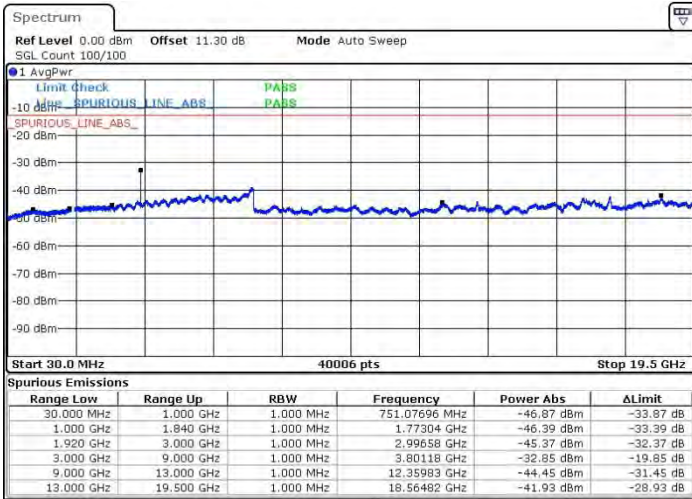


Date: 1-APR-2015 21:32:10

Date: 1-APR-2015 21:33:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1-APR-2015 21:40:17

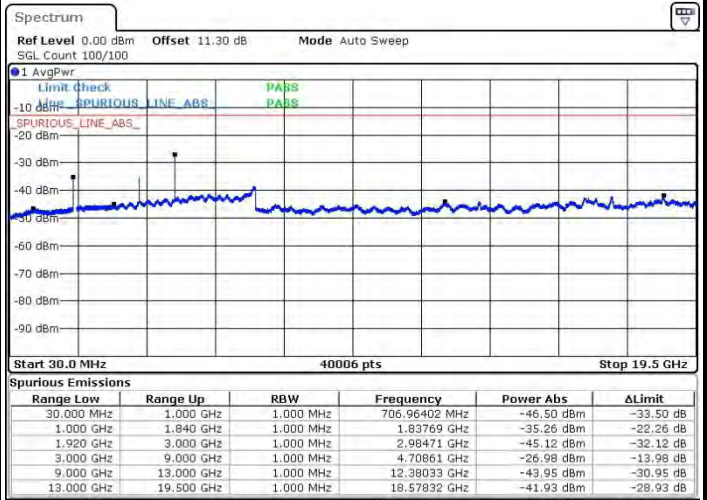
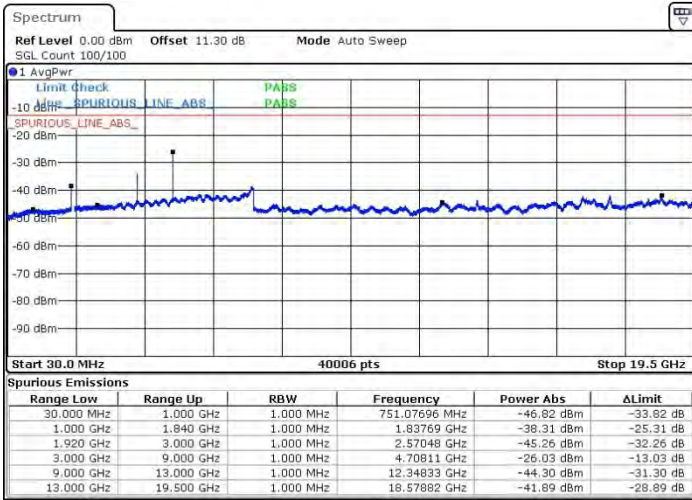
Date: 1-APR-2015 21:41:30



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

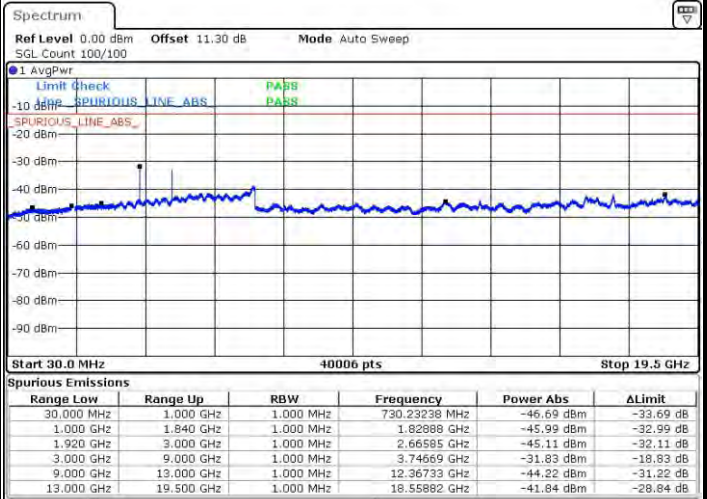
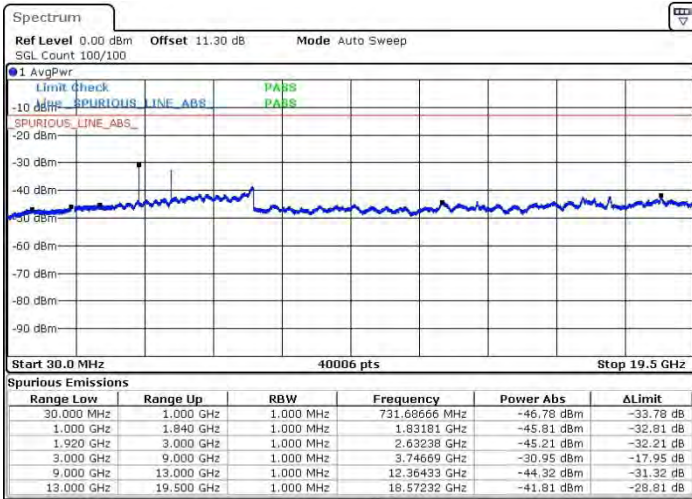


Date: 1.APR.2015 00:26:20

Date: 1.APR.2015 00:27:51

Middle Channel / QPSK

Middle Channel / 16QAM



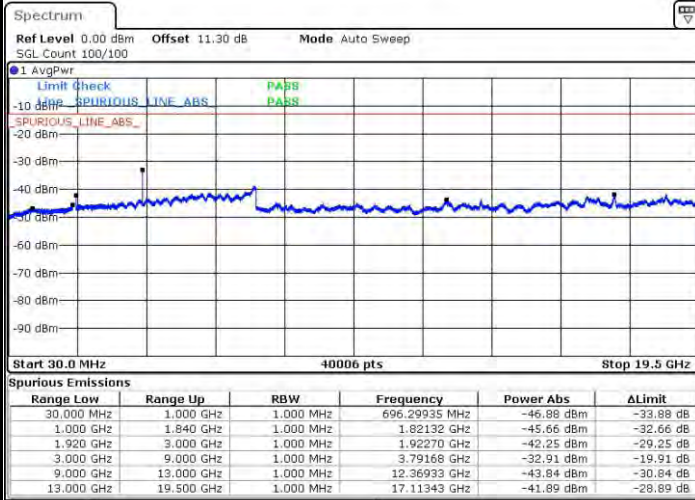
Date: 1.APR.2015 00:37:51

Date: 1.APR.2015 00:39:11



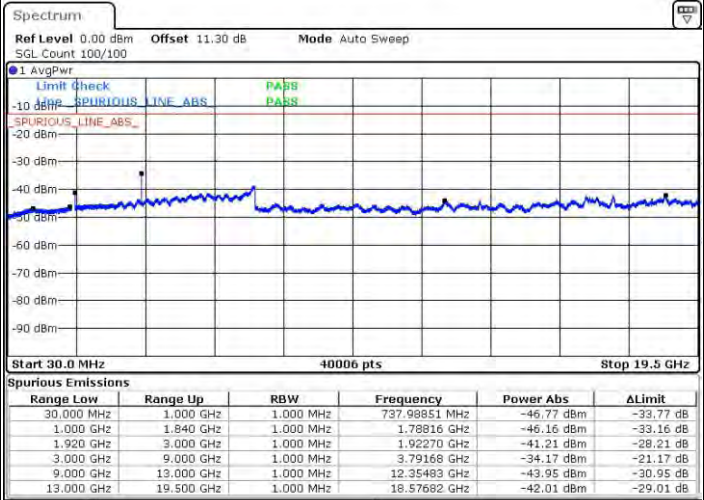
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 1.APR.2015 00:46:54

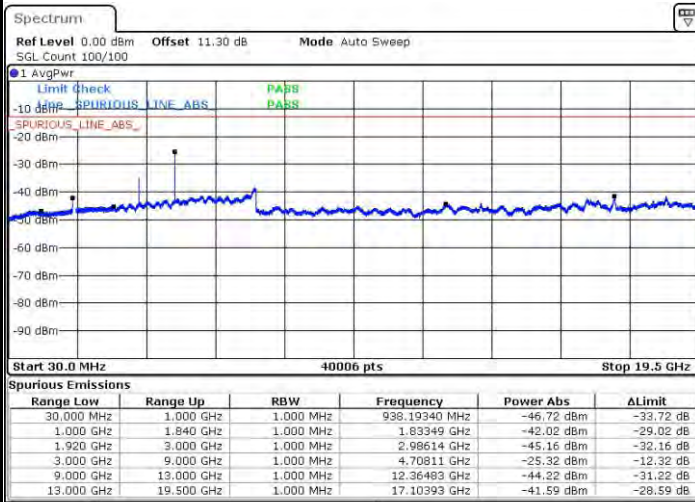
Highest Channel / 16QAM



Date: 1.APR.2015 00:48:13

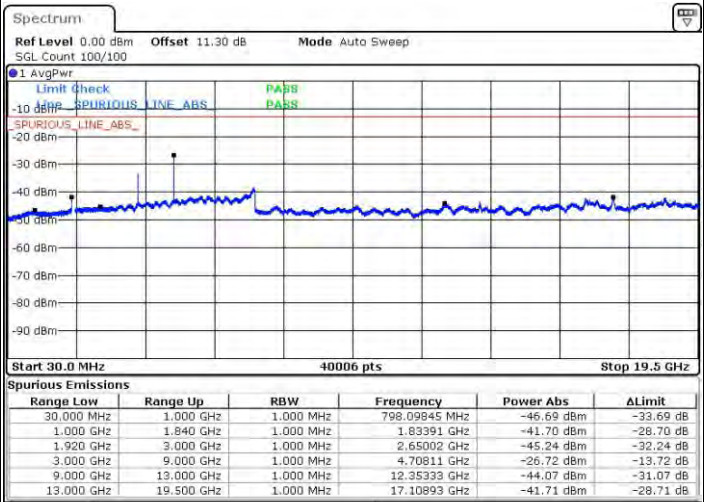
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 1.APR.2015 00:56:10

Lowest Channel / 16QAM



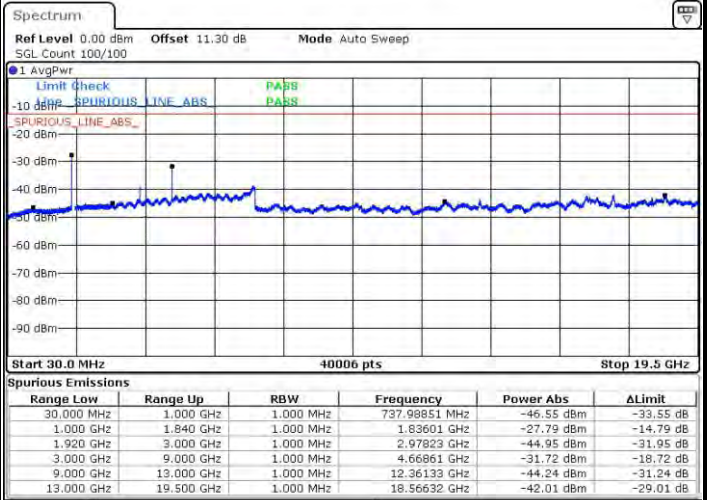
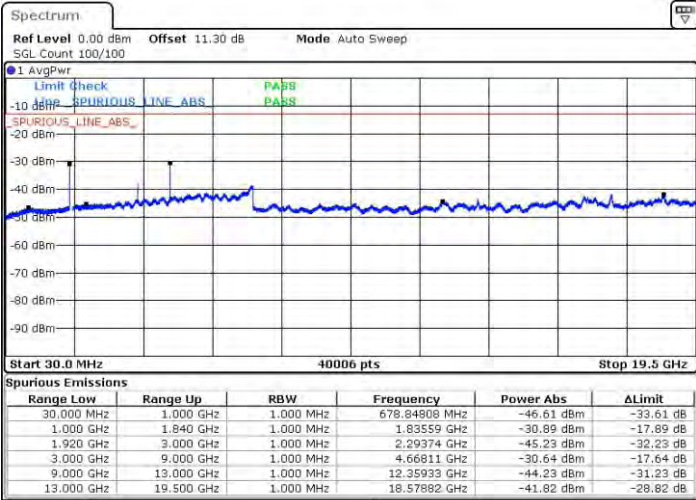
Date: 1.APR.2015 00:57:30



LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

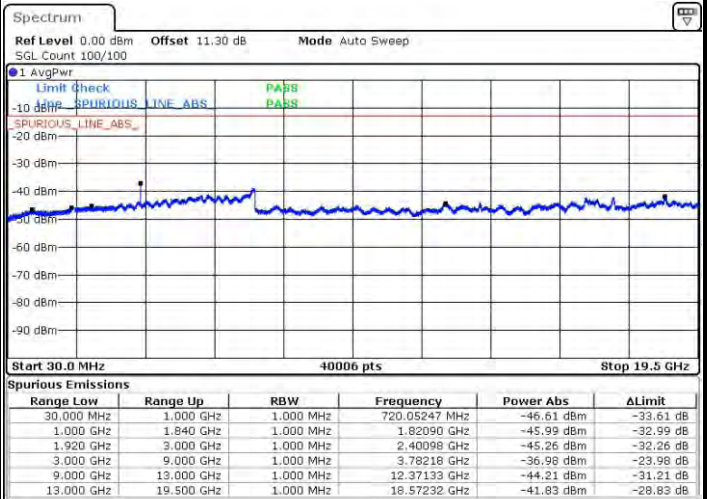
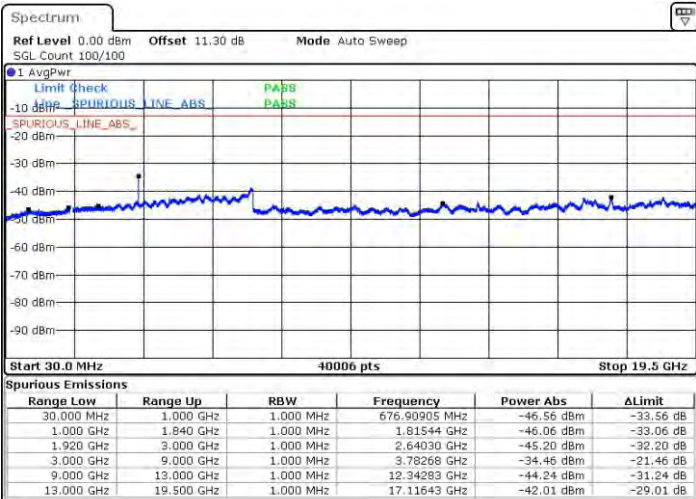


Date: 1.APR.2015 01:00:12

Date: 1.APR.2015 01:01:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.APR.2015 01:09:42

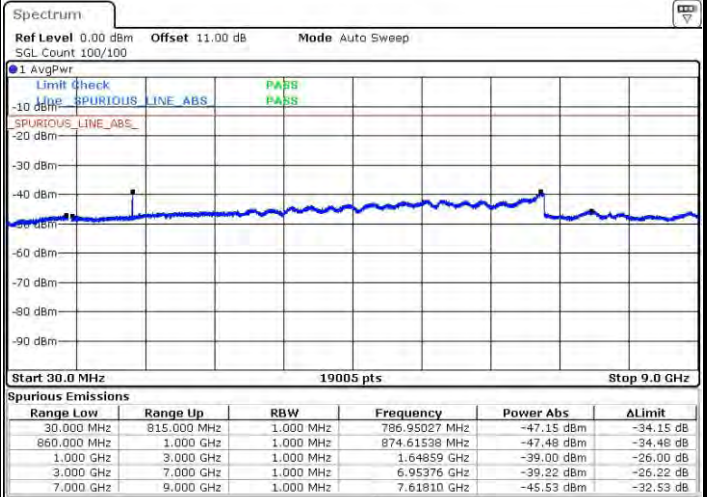
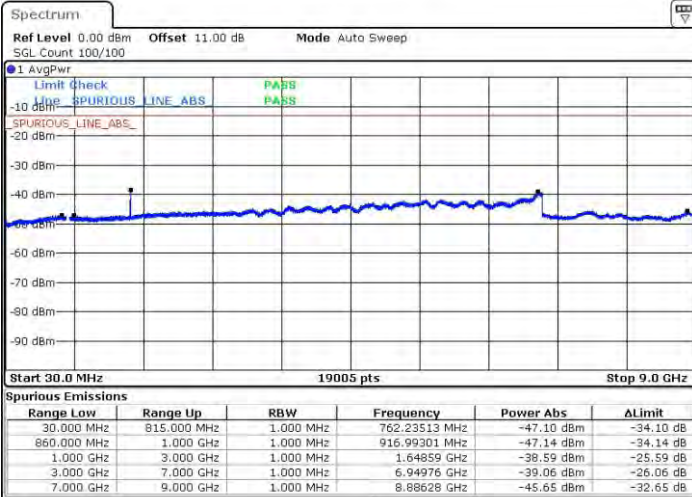
Date: 1.APR.2015 01:11:04



LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

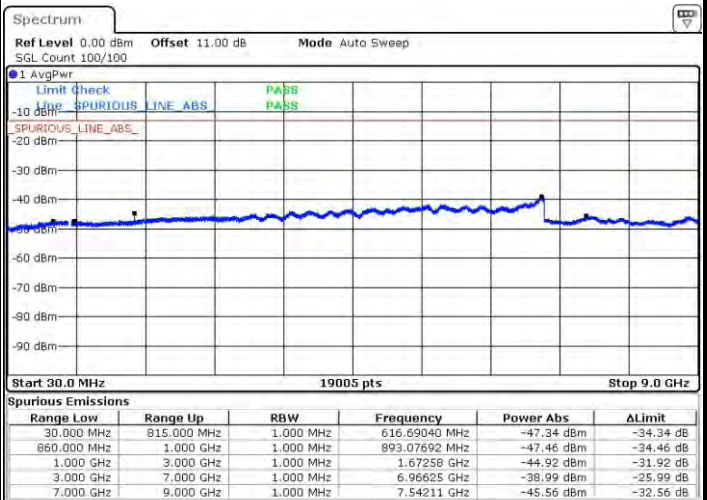
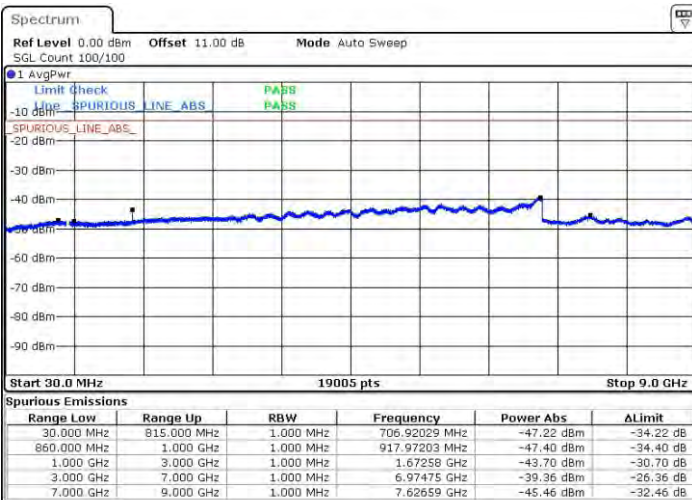


Date: 1.APR.2015 16:58:02

Date: 1.APR.2015 16:59:13

Middle Channel / QPSK

Middle Channel / 16QAM



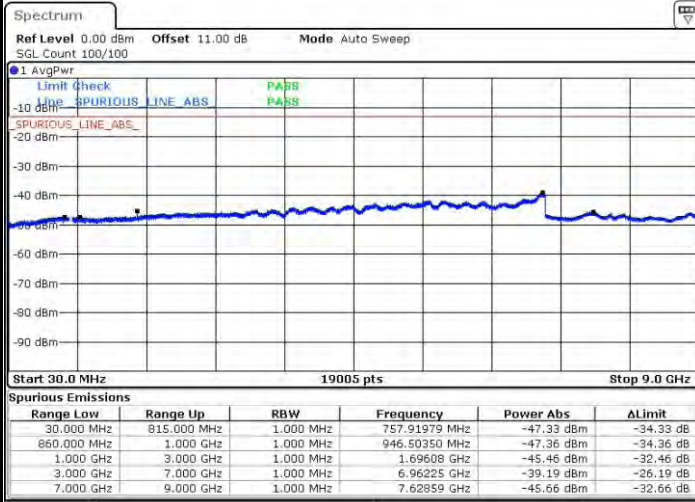
Date: 1.APR.2015 17:01:20

Date: 1.APR.2015 17:02:32



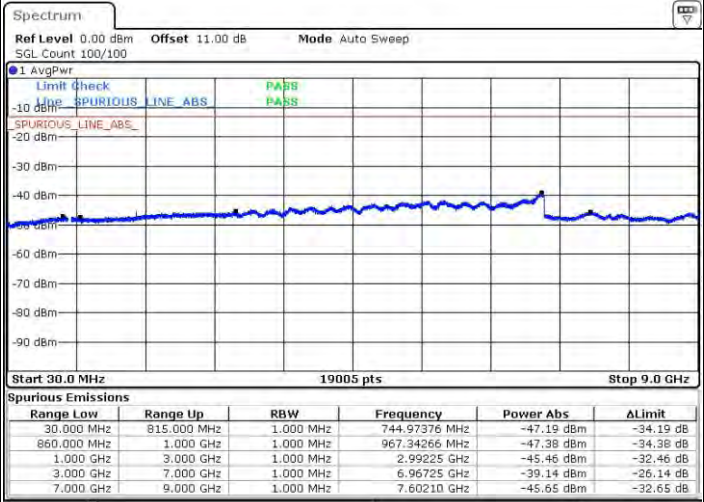
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 1.APR.2015 17:14:42

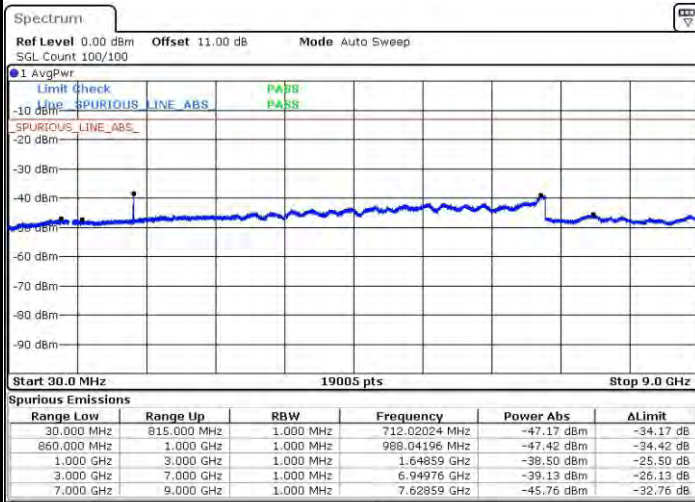
Highest Channel / 16QAM



Date: 1.APR.2015 17:16:59

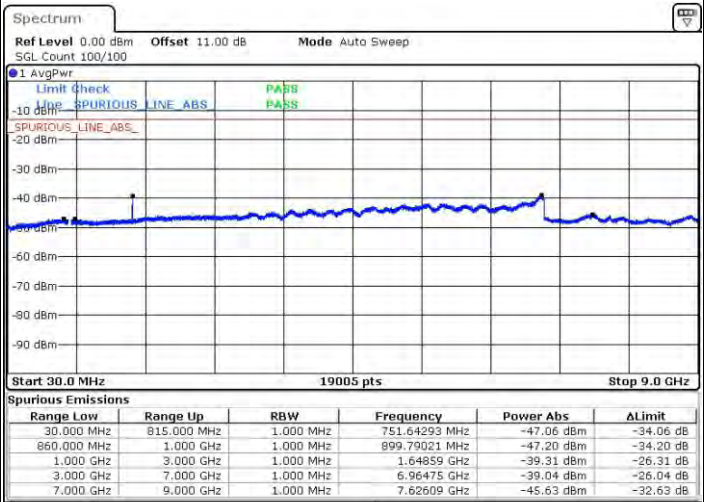
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 1.APR.2015 15:33:00

Lowest Channel / 16QAM



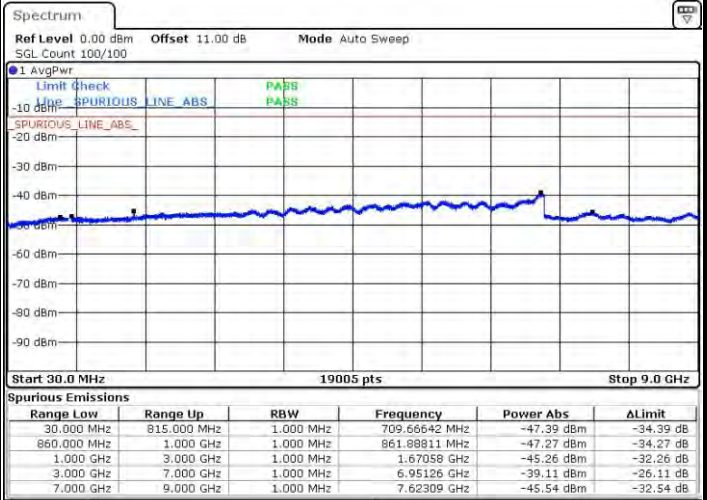
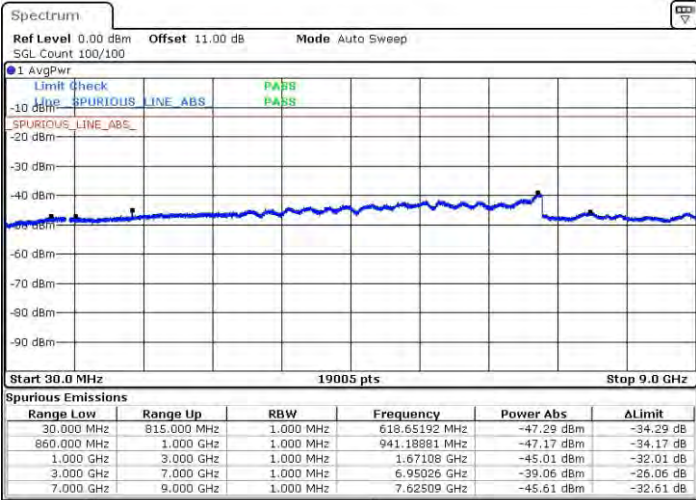
Date: 1.APR.2015 15:34:12



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

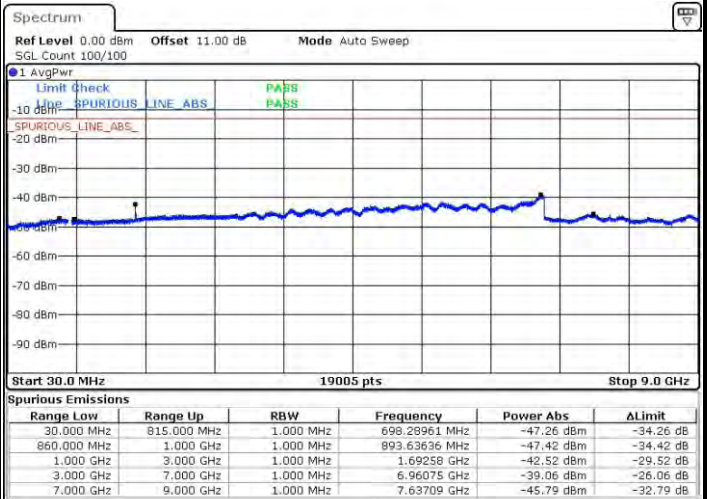
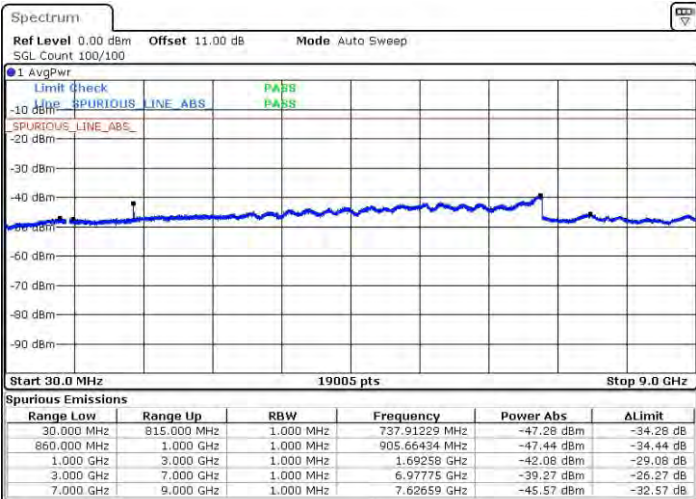


Date: 1.APR.2015 15:36:16

Date: 1.APR.2015 15:37:20

Highest Channel / QPSK

Highest Channel / 16QAM



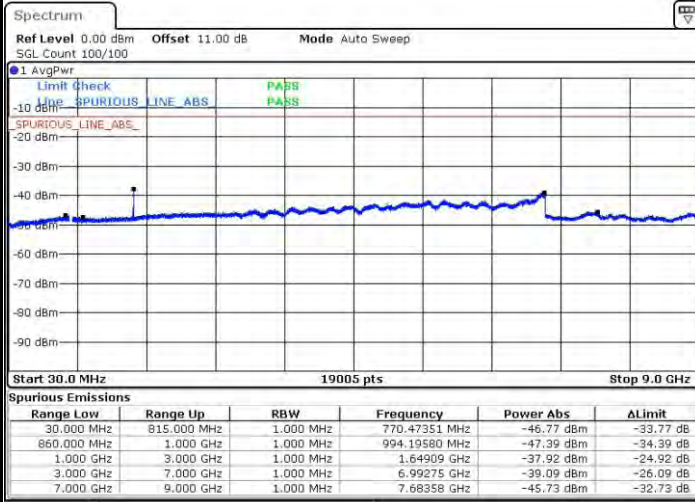
Date: 1.APR.2015 15:44:20

Date: 1.APR.2015 15:45:33



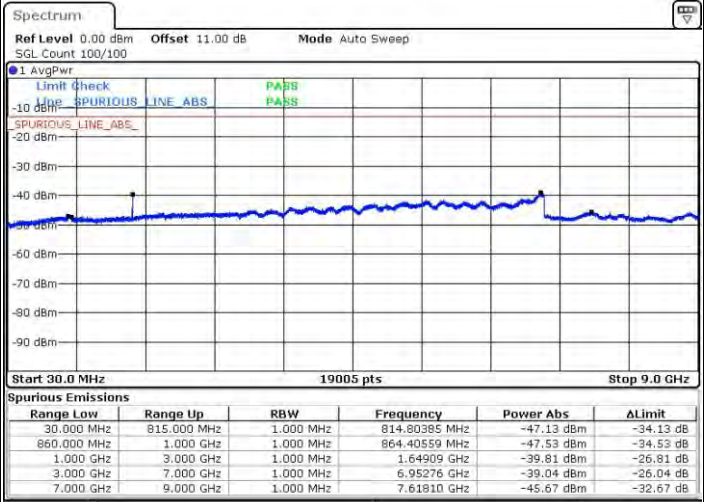
LTE Band 5 / 5MHz

Lowest Channel / QPSK



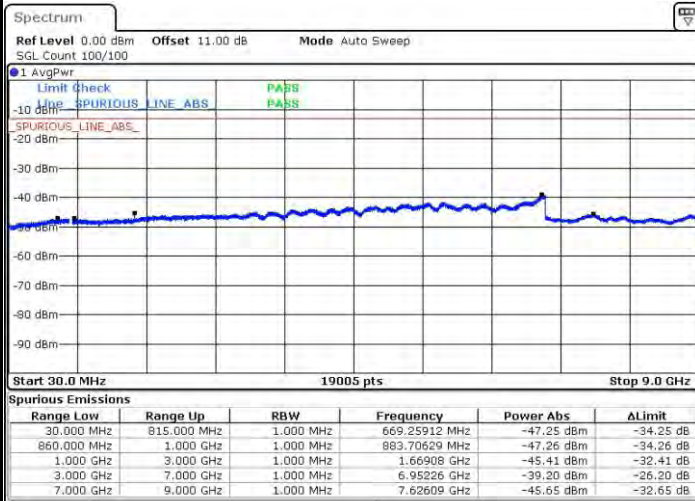
Date: 1.APR.2015 15:52:46

Lowest Channel / 16QAM



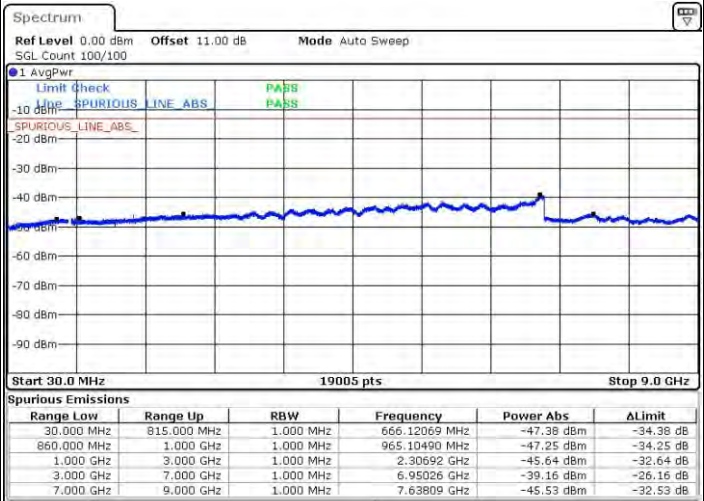
Date: 1.APR.2015 15:53:58

Middle Channel / QPSK



Date: 1.APR.2015 15:56:01

Middle Channel / 16QAM

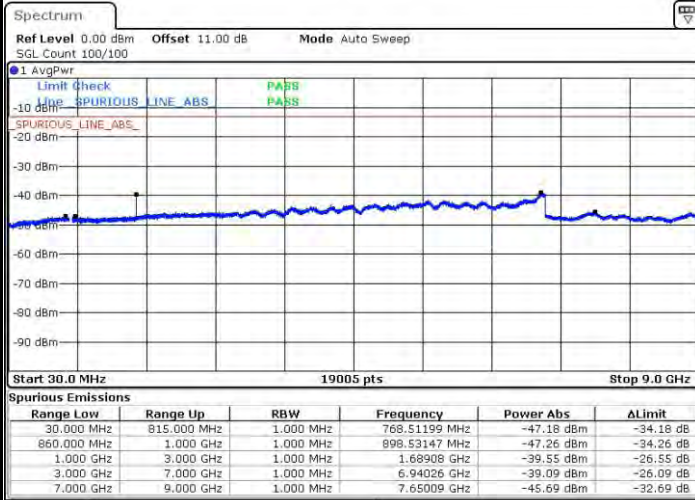


Date: 1.APR.2015 15:57:13



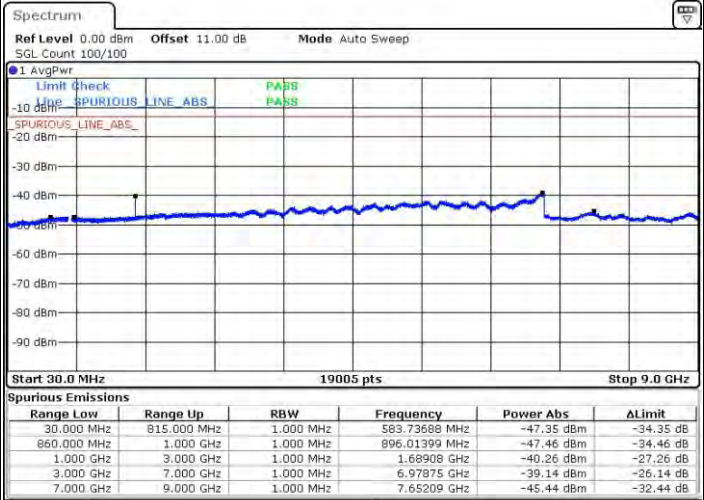
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 1.APR.2015 16:04:04

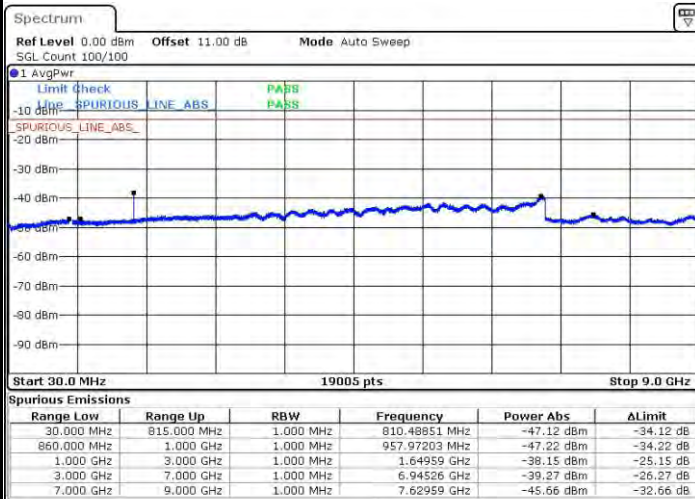
Highest Channel / 16QAM



Date: 1.APR.2015 16:05:17

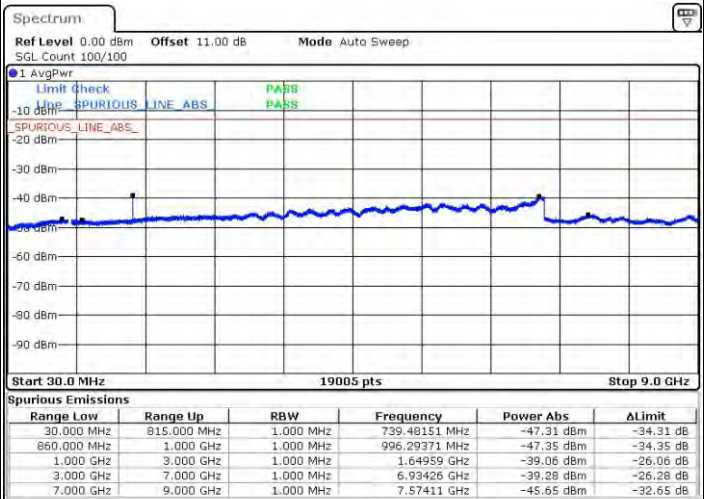
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 1.APR.2015 16:12:39

Lowest Channel / 16QAM



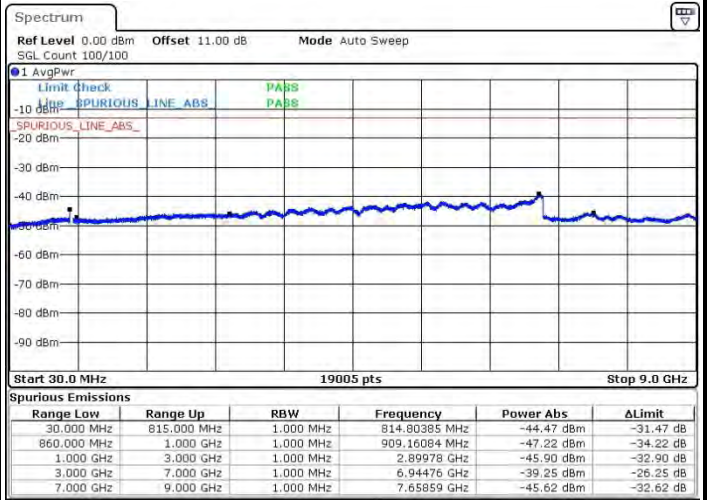
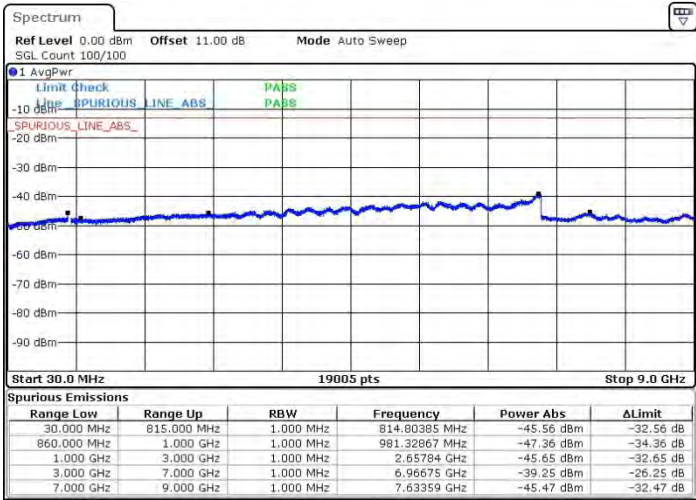
Date: 1.APR.2015 16:13:51



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

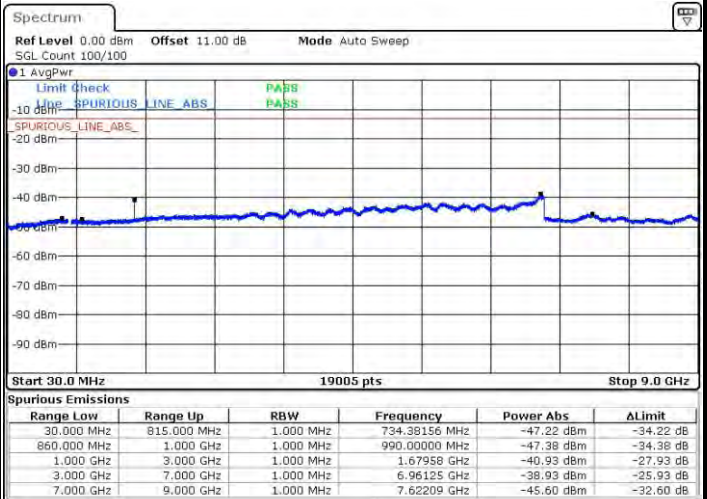
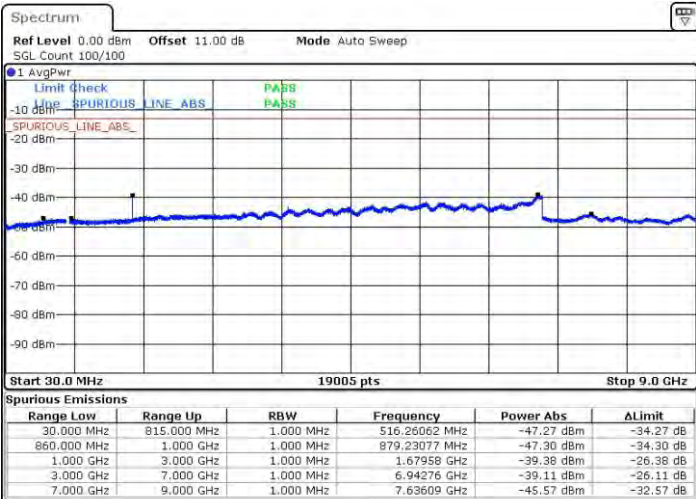


Date: 1.APR.2015 16:15:55

Date: 1.APR.2015 16:17:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.APR.2015 16:26:56

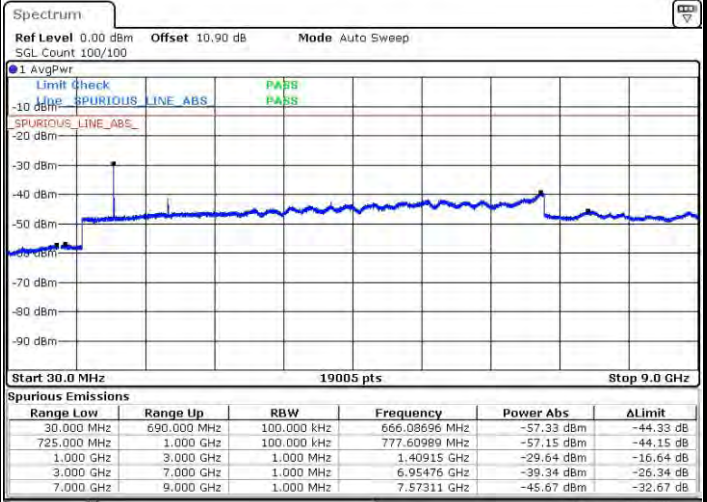
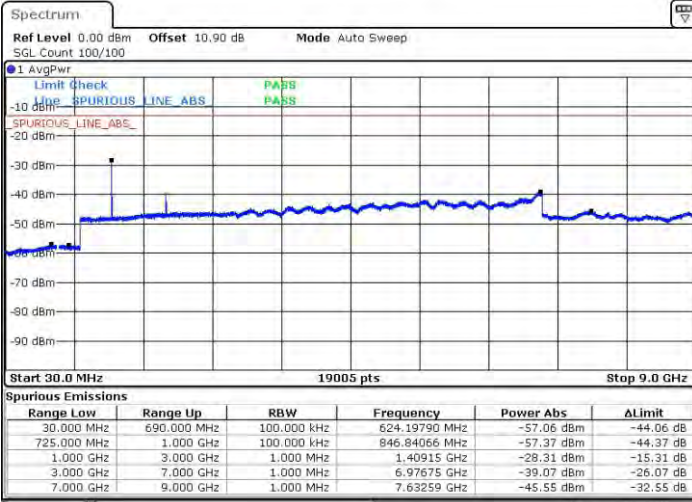
Date: 1.APR.2015 16:28:09



LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

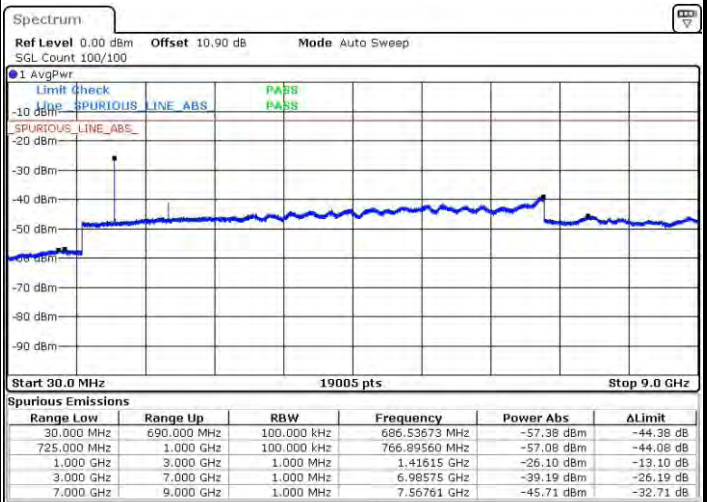
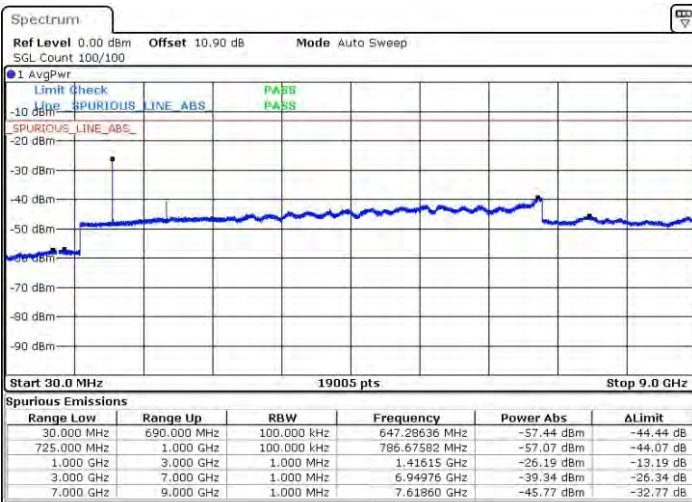


Date: 1.APR.2015 19:22:52

Date: 1.APR.2015 19:24:05

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.APR.2015 19:26:09

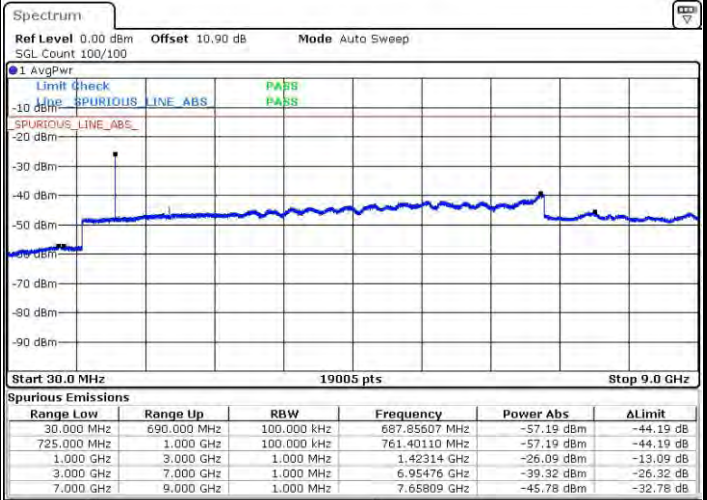
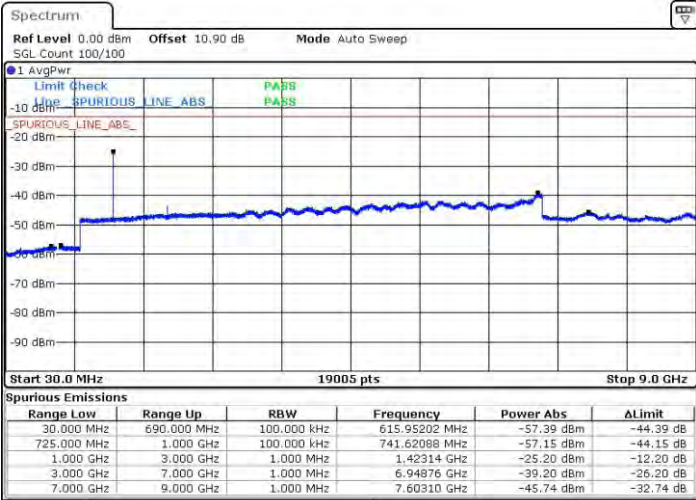
Date: 1.APR.2015 19:27:21



LTE Band 17 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



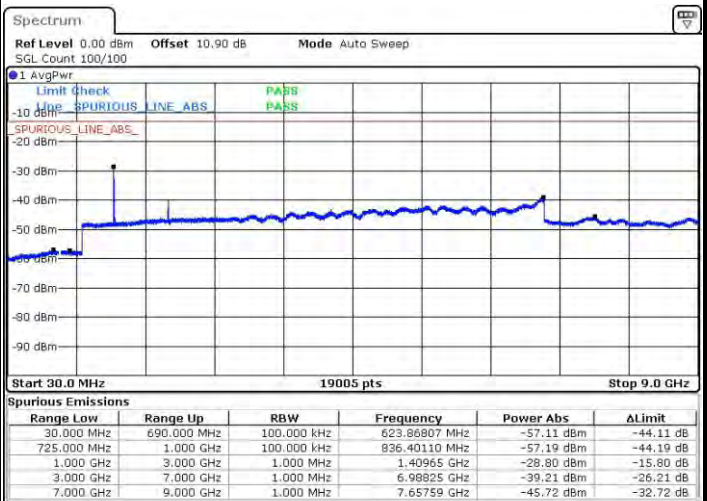
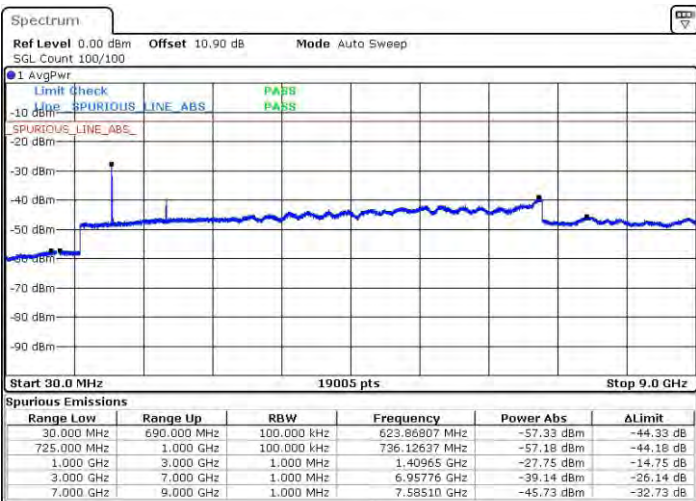
Date: 1.APR.2015 19:24:13

Date: 1.APR.2015 19:35:28

LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 1.APR.2015 19:42:24

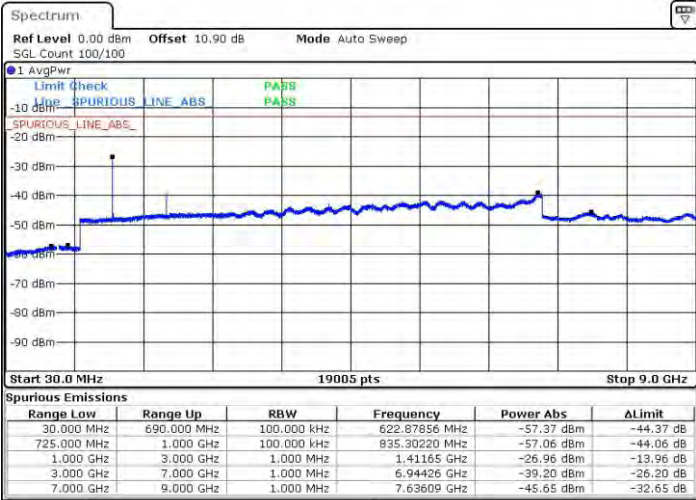
Date: 1.APR.2015 19:43:37



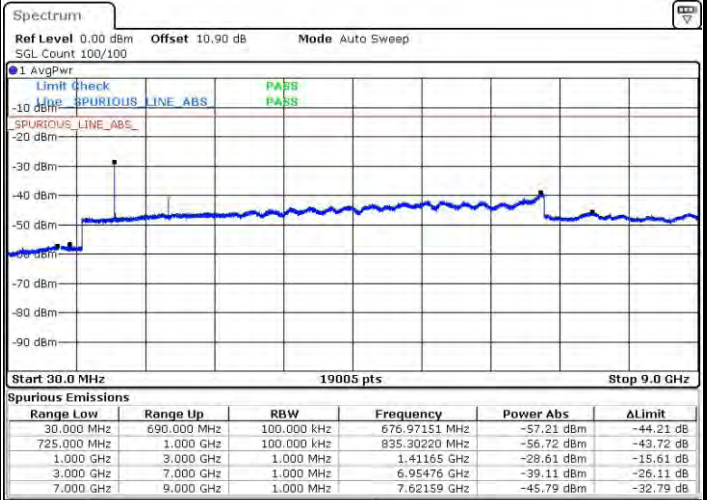
LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



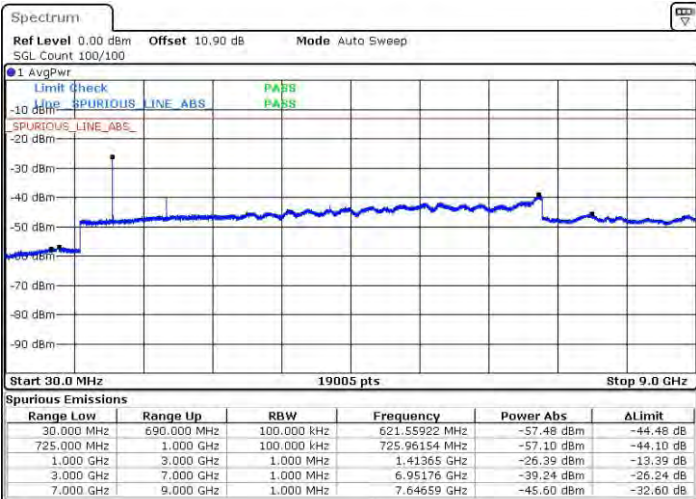
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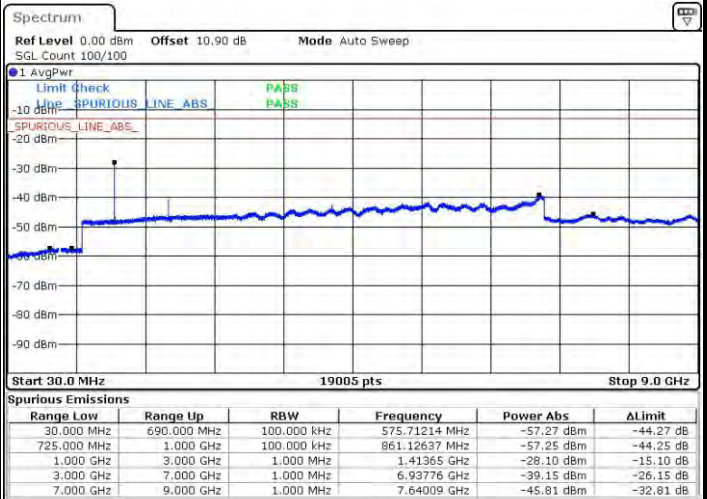
Date: 1.APR.2015 19:46:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.APR.2015 19:53:49



Date: 1.APR.2015 19:55:02



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	0.0016	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0087	
0	Normal Voltage	0.0095	
-10	Normal Voltage	0.0104	
-20	Normal Voltage	0.0100	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 12 V. ; Battery End Point (BEP) = 11 V. ; Maximum Voltage =13 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0117	
30	Normal Voltage	0.0113	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0105	
0	Normal Voltage	0.0103	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0099	
20	Maximum Voltage	0.0115	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 12 V. ; Battery End Point (BEP) = 11 V. ; Maximum Voltage =13 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0117	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0134	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0120	
20	Maximum Voltage	0.0129	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage = 12 V. ; Battery End Point (BEP) = 11 V. ; Maximum Voltage =13 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0149	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0115	
0	Normal Voltage	0.0124	
-10	Normal Voltage	0.0169	
-20	Normal Voltage	0.0124	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0121	

Note:

1. Normal Voltage = 12 V. ; Battery End Point (BEP) = 11 V. ; Maximum Voltage =13 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK									
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)
Lowest	3700	-38.07	-13	-25.07	-56.72	-44.64	1.67	8.24	H
	5548	-43.40	-13	-30.40	-67.34	-50.47	2.65	9.72	H
	7403	-35.12	-13	-22.12	-60.9	-44.27	2.46	11.61	H
	9251	-38.25	-13	-25.25	-64.48	-48.31	2.54	12.60	H
	3700	-32.64	-13	-19.64	-52.43	-39.21	1.67	8.24	V
	5548	-43.61	-13	-30.61	-68.86	-50.68	2.65	9.72	V
	7403	-26.99	-13	-13.99	-54.51	-36.14	2.46	11.61	V
Middle	9251	-35.55	-13	-22.55	-64.44	-45.61	2.54	12.60	V
	3756	-38.14	-13	-25.14	-57.25	-44.76	1.68	8.31	H
	5639	-38.61	-13	-25.61	-62.51	-45.66	2.71	9.76	H
	7515	-30.17	-13	-17.17	-56.68	-39.55	2.42	11.81	H
	9398	-36.85	-13	-23.85	-63.7	-46.82	2.57	12.54	H
	3756	-31.26	-13	-18.26	-51.24	-37.88	1.68	8.31	V
	5639	-41.16	-13	-28.16	-66.08	-48.21	2.71	9.76	V
Highest	7515	-22.26	-13	-9.26	-50.48	-31.64	2.42	11.81	V
	9398	-34.01	-13	-21.01	-63.45	-43.98	2.57	12.54	V
	3819	-19.80	-13	-6.80	-40.25	-24.33	1.70	8.38	H
	5723	-38.30	-13	-25.30	-62.66	-43.19	2.75	9.79	H
	7634	-31.87	-13	-18.87	-58.75	-39.21	2.39	11.88	H
	9545	-42.67	-13	-29.67	-69.86	-50.39	2.60	12.47	H
	3819	-17.62	-13	-4.62	-38.43	-22.15	1.70	8.38	V
5723	-37.98	-13	-24.98	-63.35	-42.87	2.75	9.79	V	
7634	-23.57	-13	-10.57	-52.21	-30.91	2.39	11.88	V	
9545	-39.97	-13	-26.97	-69.39	-47.69	2.60	12.47	V	

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



LTE Band 2 / 3MHz / QPSK									
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)
Lowest	3700	-38.81	-13	-25.81	-57.64	-45.38	1.67	8.24	H
	5548	-44.24	-13	-31.24	-68.18	-51.31	2.65	9.72	H
	7403	-34.28	-13	-21.28	-60.06	-43.43	2.46	11.61	H
	9251	-40.56	-13	-27.56	-66.8	-50.62	2.54	12.60	H
	3700	-32.77	-13	-19.77	-52.57	-39.34	1.67	8.24	V
	5548	-43.62	-13	-30.62	-68.66	-50.69	2.65	9.72	V
	7403	-28.16	-13	-15.16	-55.68	-37.31	2.46	11.61	V
Middle	9251	-35.10	-13	-22.10	-63.99	-45.16	2.54	12.60	V
	3756	-37.53	-13	-24.53	-56.6	-44.15	1.68	8.31	H
	5639	-40.27	-13	-27.27	-64.17	-47.32	2.71	9.76	H
	7515	-30.83	-13	-17.83	-57.34	-40.21	2.42	11.81	H
	9391	-38.71	-13	-25.71	-65.53	-48.69	2.57	12.54	H
	3756	-33.76	-13	-20.76	-53.74	-40.38	1.68	8.31	V
	5639	-39.66	-13	-26.66	-64.59	-46.71	2.71	9.76	V
Highest	7515	-23.16	-13	-10.16	-51.38	-32.54	2.42	11.81	V
	9391	-34.23	-13	-21.23	-63.69	-44.21	2.57	12.54	V
	3812	-25.89	-13	-12.89	-46.28	-30.41	1.70	8.37	H
	5723	-40.22	-13	-27.22	-64.61	-45.11	2.75	9.79	H
	7627	-31.05	-13	-18.05	-58.01	-38.39	2.39	11.88	H
	9538	-39.43	-13	-26.43	-66.71	-47.16	2.60	12.48	H
	3812	-22.67	-13	-9.67	-43.4	-27.19	1.70	8.37	V
5723	-38.98	-13	-25.98	-64.01	-43.87	2.75	9.79	V	
7627	-22.83	-13	-9.83	-51.27	-30.17	2.39	11.88	V	
9538	-37.58	-13	-24.58	-67.04	-45.31	2.60	12.48	V	

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



LTE Band 2 / 5MHz / QPSK									
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)
Lowest	3700	-38.27	-13	-25.27	-57.1	-44.84	1.67	8.24	H
	5548	-45.26	-13	-32.26	-69.2	-52.33	2.65	9.72	H
	7403	-34.27	-13	-21.27	-60.05	-43.42	2.46	11.61	H
	9251	-39.62	-13	-26.62	-65.86	-49.68	2.54	12.60	H
	3700	-33.59	-13	-20.59	-53.29	-40.16	1.67	8.24	V
	5548	-43.45	-13	-30.45	-68.49	-50.52	2.65	9.72	V
	7403	-28.56	-13	-15.56	-56.07	-37.71	2.46	11.61	V
Middle	9251	-33.72	-13	-20.72	-62.91	-43.78	2.54	12.60	V
	3756	-41.74	-13	-28.74	-62.5	-48.36	1.68	8.31	H
	5632	-39.73	-13	-26.73	-65.98	-46.78	2.70	9.75	H
	7508	-28.18	-13	-15.18	-56.55	-37.56	2.43	11.80	H
	9391	-35.67	-13	-22.67	-64.97	-45.65	2.57	12.54	H
	3756	-38.70	-13	-25.70	-60.56	-45.32	1.68	8.31	V
	5632	-37.62	-13	-24.62	-64.94	-44.67	2.70	9.75	V
Highest	7508	-20.18	-13	-7.18	-50.26	-29.56	2.43	11.80	V
	9391	-31.65	-13	-18.65	-63.11	-41.63	2.57	12.54	V
	3812	-27.60	-13	-14.60	-47.83	-32.12	1.70	8.37	H
	5716	-39.74	-13	-26.74	-63.94	-44.63	2.75	9.79	H
	7620	-29.10	-13	-16.10	-55.99	-36.43	2.39	11.87	H
	9524	-41.78	-13	-28.78	-68.87	-49.52	2.59	12.49	H
	3812	-25.27	-13	-12.27	-46.08	-29.79	1.70	8.37	V
5716	-38.32	-13	-25.32	-63.56	-43.21	2.75	9.79	V	
7620	-22.78	-13	-9.78	-51.2	-30.11	2.39	11.87	V	
9524	-37.57	-13	-24.57	-67.24	-45.31	2.59	12.49	V	

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



LTE Band 2 / 10MHz / QPSK									
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)
Lowest	3700	-35.54	-13	-22.54	-54.27	-42.11	1.67	8.24	H
	5548	-44.55	-13	-31.55	-68.49	-51.62	2.65	9.72	H
	7403	-34.04	-13	-21.04	-59.72	-43.19	2.46	11.61	H
	9251	-41.32	-13	-28.32	-67.56	-51.38	2.54	12.60	H
	3700	-30.77	-13	-17.77	-50.57	-37.34	1.67	8.24	V
	5548	-44.14	-13	-31.14	-69.18	-51.21	2.65	9.72	V
	7403	-27.71	-13	-14.71	-55.23	-36.86	2.46	11.61	V
Middle	9251	-34.82	-13	-21.82	-63.71	-44.88	2.54	12.60	V
	3749	-38.23	-13	-25.23	-57.34	-44.85	1.68	8.30	H
	5625	-38.59	-13	-25.59	-62.47	-45.64	2.70	9.75	H
	7501	-29.97	-13	-16.97	-56.33	-39.34	2.43	11.80	H
	9337	-38.58	-13	-25.58	-64.98	-48.59	2.55	12.57	H
	3749	-32.54	-13	-19.54	-51.96	-39.16	1.68	8.30	V
	5625	-39.34	-13	-26.34	-64.22	-46.39	2.70	9.75	V
Highest	7501	-23.35	-13	-10.35	-51.42	-32.72	2.43	11.80	V
	9337	-33.26	-13	-20.26	-63.1	-43.27	2.55	12.57	V
	3798	-28.68	-13	-15.68	-48.96	-33.19	1.70	8.36	H
	5702	-39.72	-13	-26.72	-63.99	-44.61	2.74	9.78	H
	7599	-28.96	-13	-15.96	-55.73	-36.27	2.40	11.86	H
	9503	-40.56	-13	-27.56	-67.92	-48.32	2.59	12.50	H
	3798	-26.73	-13	-13.73	-47.53	-31.24	1.70	8.36	V
5702	-40.02	-13	-27.02	-65.38	-44.91	2.74	9.78	V	
7599	-22.65	-13	-9.65	-51.1	-29.96	2.40	11.86	V	
9503	-36.56	-13	-23.56	-66.12	-44.32	2.59	12.50	V	

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



LTE Band 2 / 15MHz / QPSK									
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)
Lowest	3700	-38.61	-13	-25.61	-57.44	-45.18	1.67	8.24	H
	5555	-43.12	-13	-30.12	-67.06	-50.19	2.66	9.72	H
	7403	-34.40	-13	-21.40	-60.18	-43.55	2.46	11.61	H
	9251	-37.50	-13	-24.50	-63.74	-47.56	2.54	12.60	H
	3700	-32.08	-13	-19.08	-51.88	-38.65	1.67	8.24	V
	5555	-45.41	-13	-32.41	-70.45	-52.48	2.66	9.72	V
	7403	-27.26	-13	-14.26	-54.78	-36.41	2.46	11.61	V
Middle	9251	-34.72	-13	-21.72	-63.84	-44.78	2.54	12.60	V
	3749	-33.82	-13	-20.82	-52.89	-40.44	1.68	8.30	H
	5618	-39.38	-13	-26.38	-63.26	-46.43	2.69	9.75	H
	7494	-30.18	-13	-17.18	-56.4	-39.54	2.43	11.79	H
	9370	-36.64	-13	-23.64	-63.62	-46.63	2.56	12.55	H
	3749	-31.06	-13	-18.06	-50.74	-37.68	1.68	8.30	V
	5618	-40.30	-13	-27.30	-65.18	-47.35	2.69	9.75	V
Highest	7494	-23.09	-13	-10.09	-51.03	-32.45	2.43	11.79	V
	9370	-33.26	-13	-20.26	-63.28	-43.25	2.56	12.55	V
	3791	-35.66	-13	-22.66	-55.57	-40.16	1.70	8.35	H
	5688	-41.09	-13	-28.09	-65.25	-45.98	2.73	9.78	H
	7585	-31.32	-13	-18.32	-57.88	-38.62	2.40	11.85	H
	9482	-39.64	-13	-26.64	-66.98	-47.41	2.59	12.51	H
	3791	-32.37	-13	-19.37	-52.67	-36.87	1.70	8.35	V
5688	-41.84	-13	-28.84	-67.25	-46.73	2.73	9.78	V	
7585	-24.37	-13	-11.37	-52.92	-31.67	2.40	11.85	V	
9482	-37.66	-13	-24.66	-67.43	-45.43	2.59	12.51	V	

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



LTE Band 2 / 20MHz / QPSK									
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)
Lowest	3700	-38.24	-13	-25.24	-57.33	-44.81	1.67	8.24	H
	5555	-44.94	-13	-31.94	-69.45	-52.01	2.66	9.72	H
	7403	-33.56	-13	-20.56	-59.75	-42.71	2.46	11.61	H
	9258	-38.76	-13	-25.76	-65.8	-48.82	2.54	12.60	H
	3700	-31.94	-13	-18.94	-52.08	-38.51	1.67	8.24	V
	5555	-42.64	-13	-29.64	-68.32	-49.71	2.66	9.72	V
	7403	-28.21	-13	-15.21	-56.51	-37.36	2.46	11.61	V
Middle	3742	-38.91	-13	-25.91	-58.27	-45.52	1.68	8.29	H
	5611	-40.63	-13	-27.63	-65.15	-47.69	2.69	9.74	H
	7487	-29.45	-13	-16.45	-56.1	-38.79	2.43	11.77	H
	9356	-36.26	-13	-23.26	-63.46	-46.26	2.56	12.56	H
	3742	-37.51	-13	-24.51	-57.79	-44.12	1.68	8.29	V
	5611	-38.96	-13	-25.96	-64.52	-46.02	2.69	9.74	V
	7487	-24.47	-13	-11.47	-52.77	-33.81	2.43	11.77	V
Highest	9356	-32.81	-13	-19.81	-62.67	-42.81	2.56	12.56	V
	3784	-30.52	-13	-17.52	-50.74	-35.02	1.69	8.34	H
	5674	-39.47	-13	-26.47	-65.18	-44.36	2.73	9.77	H
	7564	-22.54	-13	-9.54	-51.03	-29.82	2.41	11.84	H
	9454	-33.52	-13	-20.52	-63.28	-41.31	2.58	12.52	H
	3784	-33.89	-13	-20.89	-54.83	-38.39	1.69	8.34	V
	5674	-40.92	-13	-27.92	-66.79	-45.81	2.73	9.77	V
	7564	-24.08	-13	-11.08	-53.1	-31.36	2.41	11.84	V
9454	-34.93	-13	-21.93	-64.94	-42.72	2.58	12.52	V	

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



LTE Band 4 / 1.4MHz / QPSK									
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)
Lowest	3420	-40.03	-13	-27.03	-57.68	-46.1	1.58	7.65	H
	5128	-41.81	-13	-28.81	-65.46	-49.1	2.41	9.70	H
	6843	-35.53	-13	-22.53	-62.1	-43.5	2.64	10.61	H
	8551	-33.57	-13	-20.57	-60.14	-43.7	2.39	12.52	H
	10264	-45.59	-13	-32.59	-74.21	-55.2	2.69	12.31	H
	3420	-33.53	-13	-20.53	-52.55	-39.6	1.58	7.65	V
	5128	-42.31	-13	-29.31	-66.77	-49.6	2.41	9.70	V
	6843	-34.23	-13	-21.23	-62.4	-42.2	2.64	10.61	V
	8551	-27.37	-13	-14.37	-56.74	-37.5	2.39	12.52	V
	10264	-39.89	-13	-26.89	-71.19	-49.5	2.69	12.31	V
Middle	3462	-41.36	-13	-28.36	-59.06	-47.6	1.59	7.83	H
	5196	-39.85	-13	-26.85	-63.34	-47.1	2.45	9.70	H
	6927	-34.20	-13	-21.20	-60.62	-42.3	2.61	10.71	H
	8660	-31.05	-13	-18.05	-57.95	-41.2	2.41	12.56	H
	10392	-43.14	-13	-30.14	-72.27	-52.8	2.69	12.36	H
	3462	-35.56	-13	-22.56	-54.84	-41.8	1.59	7.83	V
	5196	-41.25	-13	-28.25	-65.93	-48.5	2.45	9.70	V
	6927	-32.00	-13	-19.00	-59.47	-40.1	2.61	10.71	V
	8660	-24.55	-13	-11.55	-53.4	-34.7	2.41	12.56	V
	10392	-39.44	-13	-26.44	-71.27	-49.1	2.69	12.36	V
Highest	3504	-40.90	-13	-27.90	-59.37	-47.3	1.61	8.00	H
	5261	-39.39	-13	-26.39	-63.75	-46.6	2.49	9.70	H
	7015	-32.96	-13	-19.96	-59.49	-41.2	2.59	10.83	H
	8768	-31.33	-13	-18.33	-57.56	-41.5	2.43	12.61	H
	10520	-44.19	-13	-31.19	-73.89	-53.9	2.69	12.40	H
	3504	-37.10	-13	-24.10	-56.22	-43.5	1.61	8.00	V
	5261	-41.89	-13	-28.89	-67.08	-49.1	2.49	9.70	V
	7015	-29.86	-13	-16.86	-57.17	-38.1	2.59	10.83	V
	8768	-24.23	-13	-11.23	-53.27	-34.4	2.43	12.61	V
	10520	-40.49	-13	-27.49	-73.02	-50.2	2.69	12.40	V

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



LTE Band 4 / 3MHz / QPSK									
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)
Lowest	3420	-39.43	-13	-26.43	-57.67	-45.5	1.58	7.65	H
	5128	-42.71	-13	-29.71	-66.03	-50	2.41	9.70	H
	6843	-34.93	-13	-21.93	-61.49	-42.9	2.64	10.61	H
	8551	-35.07	-13	-22.07	-61.56	-45.2	2.39	12.52	H
	10264	-44.89	-13	-31.89	-73.67	-54.5	2.69	12.31	H
	3420	-34.43	-13	-21.43	-53.65	-40.5	1.58	7.65	V
	5128	-42.31	-13	-29.31	-66.81	-49.6	2.41	9.70	V
	6843	-34.53	-13	-21.53	-62.15	-42.5	2.64	10.61	V
	8551	-27.07	-13	-14.07	-55.99	-37.2	2.39	12.52	V
10264	-40.49	-13	-27.49	-71.83	-50.1	2.69	12.31	V	
Middle	3462	-41.36	-13	-28.36	-58.92	-47.6	1.59	7.83	H
	5191	-39.35	-13	-26.35	-63.25	-46.6	2.45	9.70	H
	6927	-32.80	-13	-19.80	-59.04	-40.9	2.61	10.71	H
	8656	-32.35	-13	-19.35	-59.32	-42.5	2.41	12.56	H
	10384	-43.64	-13	-30.64	-73.18	-53.3	2.69	12.35	H
	3462	-35.86	-13	-22.86	-54.92	-42.1	1.59	7.83	V
	5191	-41.35	-13	-28.35	-66.2	-48.6	2.45	9.70	V
	6927	-31.20	-13	-18.20	-58.79	-39.3	2.61	10.71	V
	8656	-25.45	-13	-12.45	-54.7	-35.6	2.41	12.56	V
10384	-39.74	-13	-26.74	-71.48	-49.4	2.69	12.35	V	
Highest	3504	-42.40	-13	-29.40	-59.94	-48.8	1.61	8.00	H
	5254	-40.28	-13	-27.28	-64.95	-47.5	2.48	9.70	H
	7004	-34.68	-13	-21.68	-60.98	-42.9	2.59	10.81	H
	8754	-32.13	-13	-19.13	-58.79	-42.3	2.43	12.60	H
	10504	-42.89	-13	-29.89	-72.61	-52.6	2.69	12.40	H
	3504	-37.20	-13	-24.20	-56.36	-43.6	1.61	8.00	V
	5254	-41.38	-13	-28.38	-66.45	-48.6	2.48	9.70	V
	7004	-30.78	-13	-17.78	-58.3	-39	2.59	10.81	V
	8754	-23.43	-13	-10.43	-52.89	-33.6	2.43	12.60	V
10504	-39.89	-13	-26.89	-72.18	-49.6	2.69	12.40	V	

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



LTE Band 4 / 5MHz / QPSK									
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)
Lowest	3420	-40.13	-13	-27.13	-57.85	-46.2	1.58	7.65	H
	5128	-41.61	-13	-28.61	-65.3	-48.9	2.41	9.70	H
	6843	-35.53	-13	-22.53	-61.82	-43.5	2.64	10.61	H
	8551	-33.67	-13	-20.67	-60.3	-43.8	2.39	12.52	H
	10264	-45.59	-13	-32.59	-74.73	-55.2	2.69	12.31	H
	3420	-35.13	-13	-22.13	-53.84	-41.2	1.58	7.65	V
	5128	-42.51	-13	-29.51	-67.24	-49.8	2.41	9.70	V
	6843	-34.43	-13	-21.43	-61.94	-42.4	2.64	10.61	V
	8551	-26.77	-13	-13.77	-55.57	-36.9	2.39	12.52	V
10264	-41.09	-13	-28.09	-72.39	-50.7	2.69	12.31	V	
Middle	3462	-40.72	-13	-27.72	-58.42	-46.96	1.59	7.83	H
	5191	-39.55	-13	-26.55	-62.72	-46.8	2.45	9.70	H
	6920	-33.11	-13	-20.11	-59.72	-41.2	2.62	10.70	H
	8649	-31.95	-13	-18.95	-58.93	-42.1	2.41	12.56	H
	10384	-43.54	-13	-30.54	-72.74	-53.2	2.69	12.35	H
	3462	-32.86	-13	-19.86	-51.97	-39.1	1.59	7.83	V
	5191	-40.75	-13	-27.75	-65.09	-48	2.45	9.70	V
	6920	-28.01	-13	-15.01	-55.26	-36.1	2.62	10.70	V
	8649	-25.15	-13	-12.15	-54.05	-35.3	2.41	12.56	V
10384	-39.94	-13	-26.94	-71.59	-49.6	2.69	12.35	V	
Highest	3497	-41.12	-13	-28.12	-59.35	-47.5	1.60	7.99	H
	5254	-40.18	-13	-27.18	-64.55	-47.4	2.48	9.70	H
	7004	-33.58	-13	-20.58	-60.1	-41.8	2.59	10.81	H
	8754	-32.03	-13	-19.03	-58.54	-42.2	2.43	12.60	H
	10504	-43.59	-13	-30.59	-73.36	-53.3	2.69	12.40	H
	3497	-37.82	-13	-24.82	-56.65	-44.2	1.60	7.99	V
	5247	-41.28	-13	-28.28	-66.24	-48.5	2.48	9.70	V
	7004	-29.98	-13	-16.98	-57.33	-38.2	2.59	10.81	V
	8754	-24.33	-13	-11.33	-53.52	-34.5	2.43	12.60	V
10504	-43.79	-13	-30.79	-73.36	-53.5	2.69	12.40	V	

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



LTE Band 4 / 10MHz / QPSK									
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)
Lowest	3420	-42.03	-13	-29.03	-59.69	-48.1	1.58	7.65	H
	5128	-41.31	-13	-28.31	-65.13	-48.6	2.41	9.70	H
	6843	-35.13	-13	-22.13	-61.41	-43.1	2.64	10.61	H
	8551	-33.97	-13	-20.97	-60.68	-44.1	2.39	12.52	H
	10264	-43.29	-13	-30.29	-72.33	-52.9	2.69	12.31	H
	3420	-33.13	-13	-20.13	-52.12	-39.2	1.58	7.65	V
	5128	-39.61	-13	-26.61	-64.55	-46.9	2.41	9.70	V
	6843	-29.93	-13	-16.93	-57.6	-37.9	2.64	10.61	V
	8551	-27.37	-13	-14.37	-55.86	-37.5	2.39	12.52	V
10264	-39.49	-13	-26.49	-70.72	-49.1	2.69	12.31	V	
Middle	3455	-40.09	-13	-27.09	-58.17	-46.3	1.59	7.80	H
	5184	-39.64	-13	-26.64	-63.04	-46.9	2.44	9.70	H
	6913	-33.02	-13	-20.02	-59.4	-41.1	2.62	10.70	H
	8642	-31.05	-13	-18.05	-58.11	-41.2	2.41	12.56	H
	10368	-43.05	-13	-30.05	-72.09	-52.7	2.69	12.35	H
	3455	-32.59	-13	-19.59	-51.63	-38.8	1.59	7.80	V
	5184	-40.14	-13	-27.14	-64.6	-47.4	2.44	9.70	V
	6913	-27.62	-13	-14.62	-55.4	-35.7	2.62	10.70	V
	8642	-25.15	-13	-12.15	-53.96	-35.3	2.41	12.56	V
10368	-38.95	-13	-25.95	-70.77	-48.6	2.69	12.35	V	
Highest	3490	-40.95	-13	-27.95	-58.84	-47.3	1.60	7.96	H
	5233	-40.37	-13	-27.37	-64.3	-47.6	2.47	9.70	H
	6983	-34.32	-13	-21.32	-60.85	-42.5	2.60	10.78	H
	8726	-31.03	-13	-18.03	-57.77	-41.2	2.42	12.59	H
	10472	-43.50	-13	-30.50	-72.99	-53.2	2.69	12.39	H
	3490	-33.45	-13	-20.45	-52.48	-39.8	1.60	7.96	V
	5233	-40.27	-13	-27.27	-65.61	-47.5	2.47	9.70	V
	6983	-27.42	-13	-14.42	-54.75	-35.6	2.60	10.78	V
	8726	-23.93	-13	-10.93	-53.01	-34.1	2.42	12.59	V
10472	-37.90	-13	-24.90	-70.14	-47.6	2.69	12.39	V	

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



LTE Band 4 / 15MHz / QPSK									
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)
Lowest	3420	-41.13	-13	-28.13	-58.54	-47.2	1.58	7.65	H
	5135	-40.91	-13	-27.91	-64.63	-48.2	2.41	9.70	H
	6843	-35.33	-13	-22.33	-62.396	-43.3	2.64	10.61	H
	8551	-33.07	-13	-20.07	-59.98	-43.2	2.39	12.52	H
	10264	-44.59	-13	-31.59	-73.48	-54.2	2.69	12.31	H
	3420	-35.43	-13	-22.43	-54.18	-41.5	1.58	7.65	V
	5135	-42.81	-13	-29.81	-67.3	-50.1	2.41	9.70	V
	6843	-35.33	-13	-22.33	-63	-43.3	2.64	10.61	V
	8551	-26.07	-13	-13.07	-54.73	-36.2	2.39	12.52	V
10264	-40.49	-13	-27.49	-71.69	-50.1	2.69	12.31	V	
Middle	3448	-41.02	-13	-28.02	-59.27	-47.2	1.59	7.77	H
	5177	-40.14	-13	-27.14	-63.83	-47.4	2.44	9.70	H
	6906	-34.03	-13	-21.03	-60.13	-42.1	2.62	10.69	H
	8628	-32.25	-13	-19.25	-59.06	-42.4	2.40	12.55	H
	10352	-44.55	-13	-31.55	-73.73	-54.2	2.69	12.34	H
	3448	-36.02	-13	-23.02	-54.77	-42.2	1.59	7.77	V
	5177	-41.34	-13	-28.34	-65.95	-48.6	2.44	9.70	V
	6906	-32.43	-13	-19.43	-60.03	-40.5	2.62	10.69	V
	8628	-25.05	-13	-12.05	-54.2	-35.2	2.40	12.55	V
10352	-40.55	-13	-27.55	-72.38	-50.2	2.69	12.34	V	
Highest	3483	-41.87	-13	-28.87	-59.64	-48.2	1.60	7.93	H
	5219	-38.96	-13	-25.96	-62.8	-46.2	2.46	9.70	H
	6962	-35.35	-13	-22.35	-60.35	-43.5	2.60	10.75	H
	8705	-31.64	-13	-18.64	-58.46	-41.8	2.42	12.58	H
	10448	-43.61	-13	-30.61	-73.01	-53.3	2.69	12.38	H
	3483	-35.87	-13	-22.87	-55.02	-42.2	1.60	7.93	V
	5219	-40.36	-13	-27.36	-64.96	-47.6	2.46	9.70	V
	6962	-31.15	-13	-18.15	-58.61	-39.3	2.60	10.75	V
	8705	-23.44	-13	-10.44	-52.4	-33.6	2.42	12.58	V
10448	-39.41	-13	-26.41	-71.33	-49.1	2.69	12.38	V	

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



LTE Band 4 / 20MHz / QPSK									
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)
Lowest	3420	-39.93	-13	-26.93	-57.89	-46	1.58	7.65	H
	5135	-36.91	-13	-23.91	-60.87	-44.2	2.41	9.70	H
	6843	-36.93	-13	-23.93	-63.16	-44.9	2.64	10.61	H
	8558	-33.96	-13	-20.96	-60.76	-44.1	2.39	12.52	H
	10264	-44.59	-13	-31.59	-73.62	-54.2	2.69	12.31	H
	3420	-34.43	-13	-21.43	-53.13	-40.5	1.58	7.65	V
	5135	-39.61	-13	-26.61	-64.23	-46.9	2.41	9.70	V
	6843	-35.23	-13	-22.23	-63.14	-43.2	2.64	10.61	V
	8558	-26.96	-13	-13.96	-55.79	-37.1	2.39	12.52	V
10264	-39.99	-13	-26.99	-71.03	-49.6	2.69	12.31	V	
Middle	3448	-41.92	-13	-28.92	-59.55	-48.1	1.59	7.77	H
	5170	-39.13	-13	-26.13	-62.72	-46.4	2.43	9.70	H
	6892	-34.15	-13	-21.15	-60.41	-42.2	2.63	10.67	H
	8615	-31.25	-13	-18.25	-58.26	-41.4	2.40	12.55	H
	10340	-43.96	-13	-30.96	-73.17	-53.6	2.69	12.34	H
	3448	-36.02	-13	-23.02	-54.97	-42.2	1.59	7.77	V
	5170	-41.23	-13	-28.23	-65.56	-48.5	2.43	9.70	V
	6892	-33.75	-13	-20.75	-61.3	-41.8	2.63	10.67	V
	8615	-25.65	-13	-12.65	-54.15	-35.8	2.40	12.55	V
10340	-39.56	-13	-26.56	-71.41	-49.2	2.69	12.34	V	
Highest	3469	-40.93	-13	-27.93	-58.79	-47.2	1.59	7.86	H
	5205	-39.96	-13	-26.96	-63.46	-47.2	2.46	9.70	H
	6941	-32.58	-13	-19.58	-59.05	-40.7	2.61	10.73	H
	8677	-31.34	-13	-18.34	-58.19	-41.5	2.41	12.57	H
	10416	-42.43	-13	-29.43	-71.89	-52.1	2.69	12.37	H
	3469	-35.53	-13	-22.53	-54.75	-41.8	1.59	7.86	V
	5205	-40.96	-13	-27.96	-65.59	-48.2	2.46	9.70	V
	6941	-29.78	-13	-16.78	-57.14	-37.9	2.61	10.73	V
	8677	-23.34	-13	-10.34	-52.56	-33.5	2.41	12.57	V
10416	-39.53	-13	-26.53	-71.15	-49.2	2.69	12.37	V	

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



LTE Band 5 / 1.4MHz / QPSK									
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)
Lowest	1648	-34.83	-13	-21.83	-45.88	-36.59	0.98	4.89	H
	2472	-46.33	-13	-33.33	-62.66	-48.21	1.28	5.32	H
	3296	-44.68	-13	-31.68	-62.05	-48.09	1.54	7.10	H
	4120	-37.67	-13	-24.67	-59.18	-42.31	1.83	8.62	H
	4944	-34.95	-13	-21.95	-58.35	-40.08	2.30	9.59	H
	1648	-36.05	-13	-23.05	-47.77	-37.81	0.98	4.89	V
	2472	-44.21	-13	-31.21	-61.99	-46.09	1.28	5.32	V
	3296	-41.61	-13	-28.61	-60.36	-45.02	1.54	7.10	V
	4120	-35.99	-13	-22.99	-58.3	-40.63	1.83	8.62	V
	4944	-34.95	-13	-21.95	-59.36	-40.08	2.30	9.59	V
Middle	1672	-37.35	-13	-24.35	-48.49	-39.03	0.99	4.82	H
	2504	-46.43	-13	-33.43	-63.05	-48.39	1.29	5.40	H
	3344	-43.78	-13	-30.78	-61.22	-47.39	1.56	7.31	H
	4176	-37.89	-13	-24.89	-59.52	-42.51	1.86	8.64	H
	5016	-35.82	-13	-22.82	-59.03	-41.02	2.35	9.70	H
	1672	-38.45	-13	-25.45	-50.38	-40.13	0.99	4.82	V
	2504	-46.85	-13	-33.85	-64.55	-48.81	1.29	5.40	V
	3344	-40.58	-13	-27.58	-59.57	-44.19	1.56	7.31	V
	4176	-37.47	-13	-24.47	-59.49	-42.09	1.86	8.64	V
	5016	-34.86	-13	-21.86	-59.02	-40.06	2.35	9.70	V
Highest	1696	-36.49	-13	-23.49	-48.23	-38.09	1.00	4.75	H
	2544	-46.73	-13	-33.73	-63.38	-48.71	1.30	5.44	H
	3392	-42.71	-13	-29.71	-60.42	-46.51	1.57	7.52	H
	4240	-37.62	-13	-24.62	-59.34	-42.22	1.90	8.65	H
	5088	-35.65	-13	-22.65	-58.94	-40.81	2.39	9.70	H
	1696	-39.21	-13	-26.21	-51.41	-40.81	1.00	4.75	V
	2544	-45.33	-13	-32.33	-63.58	-47.31	1.30	5.44	V
	3392	-39.98	-13	-26.98	-58.87	-43.78	1.57	7.52	V
	4240	-36.76	-13	-23.76	-59	-41.36	1.90	8.65	V
5088	-37.95	-13	-24.95	-62.24	-43.11	2.39	9.70	V	

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



LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-35.05	-13	-22.05	-46.13	-36.81	0.98	4.89	H
	2472	-46.25	-13	-33.25	-62.55	-48.13	1.28	5.32	H
	3296	-43.61	-13	-30.61	-60.79	-47.02	1.54	7.10	H
	4120	-37.42	-13	-24.42	-58.65	-42.06	1.83	8.62	H
	4944	-34.08	-13	-21.08	-57.63	-39.21	2.30	9.59	H
	1648	-36.27	-13	-23.27	-48.05	-38.03	0.98	4.89	V
	2472	-44.19	-13	-31.19	-61.96	-46.07	1.28	5.32	V
	3296	-41.98	-13	-28.98	-60.99	-45.39	1.54	7.10	V
	4120	-36.05	-13	-23.05	-58.22	-40.69	1.83	8.62	V
4944	-35.96	-13	-22.96	-60.46	-41.09	2.30	9.59	V	
Middle	1672	-37.44	-13	-24.44	-48.41	-39.12	0.99	4.82	H
	2504	-47.73	-13	-34.73	-64.33	-49.69	1.29	5.40	H
	3344	-44.90	-13	-31.90	-62.48	-48.51	1.56	7.31	H
	4176	-38.59	-13	-25.59	-60.04	-43.21	1.86	8.64	H
	5008	-37.45	-13	-24.45	-60.7	-42.66	2.34	9.70	H
	1672	-39.20	-13	-26.20	-50.73	-40.88	0.99	4.82	V
	2504	-48.25	-13	-35.25	-66.28	-50.21	1.29	5.40	V
	3344	-41.08	-13	-28.08	-60.04	-44.69	1.56	7.31	V
	4176	-37.54	-13	-24.54	-59.59	-42.16	1.86	8.64	V
5008	-37.53	-13	-24.53	-61.82	-42.74	2.34	9.70	V	
Highest	1688	-36.18	-13	-23.18	-47.37	-37.81	1.00	4.77	H
	2536	-49.24	-13	-36.24	-65.9	-51.22	1.30	5.43	H
	3384	-43.52	-13	-30.52	-61.11	-47.29	1.57	7.49	H
	4232	-38.28	-13	-25.28	-59.79	-42.88	1.89	8.65	H
	5080	-38.52	-13	-25.52	-61.91	-43.69	2.38	9.70	H
	1688	-39.18	-13	-26.18	-50.21	-40.81	1.00	4.77	V
	2536	-47.83	-13	-34.83	-65.89	-49.81	1.30	5.43	V
	3384	-39.89	-13	-26.89	-58.74	-43.66	1.57	7.49	V
	4232	-37.61	-13	-24.61	-60.05	-42.21	1.89	8.65	V
5080	-39.59	-13	-26.59	-63.95	-44.76	2.38	9.70	V	

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



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-35.57	-13	-22.57	-46.57	-37.33	0.98	4.89	H
	2472	-45.38	-13	-32.38	-61.69	-47.26	1.28	5.32	H
	3296	-44.18	-13	-31.18	-61.63	-47.59	1.54	7.10	H
	4120	-37.75	-13	-24.75	-59.32	-42.39	1.83	8.62	H
	4944	-32.89	-13	-19.89	-56.45	-38.02	2.30	9.59	H
	1648	-36.77	-13	-23.77	-48.55	-38.53	0.98	4.89	V
	2472	-42.93	-13	-29.93	-60.66	-44.81	1.28	5.32	V
	3296	-41.54	-13	-28.54	-60.23	-44.95	1.54	7.10	V
	4120	-36.58	-13	-23.58	-58.56	-41.22	1.83	8.62	V
4944	-34.46	-13	-21.46	-58.95	-39.59	2.30	9.59	V	
Middle	1664	-38.17	-13	-25.17	-49.02	-39.88	0.98	4.84	H
	2504	-47.37	-13	-34.37	-63.91	-49.33	1.29	5.40	H
	3336	-45.81	-13	-32.81	-63.3	-49.39	1.55	7.28	H
	4168	-41.06	-13	-28.06	-62.36	-45.69	1.86	8.63	H
	5008	-37.18	-13	-24.18	-60.4	-42.39	2.34	9.70	H
	1664	-39.28	-13	-26.28	-50.88	-40.99	0.98	4.84	V
	2504	-47.76	-13	-34.76	-65.57	-49.72	1.29	5.40	V
	3336	-42.04	-13	-29.04	-61.07	-45.62	1.55	7.28	V
	4168	-38.79	-13	-25.79	-60.96	-43.42	1.86	8.63	V
5008	-36.22	-13	-23.22	-60.61	-41.43	2.34	9.70	V	
Highest	1688	-34.88	-13	-21.88	-46.23	-36.51	1.00	4.77	H
	2536	-47.44	-13	-34.44	-64.05	-49.42	1.30	5.43	H
	3376	-41.37	-13	-28.37	-58.84	-45.11	1.57	7.45	H
	4224	-38.01	-13	-25.01	-59.45	-42.61	1.89	8.64	H
	5064	-34.84	-13	-21.84	-58.03	-40.02	2.37	9.70	H
	1688	-36.78	-13	-23.78	-48.79	-38.41	1.00	4.77	V
	2536	-47.53	-13	-34.53	-65.59	-49.51	1.30	5.43	V
	3376	-38.38	-13	-25.38	-57.27	-42.12	1.57	7.45	V
	4224	-36.63	-13	-23.63	-58.9	-41.23	1.89	8.64	V
5064	-36.38	-13	-23.38	-60.78	-41.56	2.37	9.70	V	

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



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-34.35	-13	-21.35	-45.45	-36.11	0.98	4.89	H
	2472	-47.14	-13	-34.14	-63.16	-49.02	1.28	5.32	H
	3296	-43.72	-13	-30.72	-60.94	-47.13	1.54	7.10	H
	4120	-36.57	-13	-23.57	-57.94	-41.21	1.83	8.62	H
	4944	-35.08	-13	-22.08	-58.64	-40.21	2.30	9.59	H
	5768	-69.58	-13	-56.58	43.58	-74.46	2.78	9.81	H
	1648	-36.05	-13	-23.05	-47.68	-37.81	0.98	4.89	V
	2472	-44.33	-13	-31.33	-62.04	-46.21	1.28	5.32	V
	3296	-40.62	-13	-27.62	-59.26	-44.03	1.54	7.10	V
	4120	-35.95	-13	-22.95	-58.21	-40.59	1.83	8.62	V
	4944	-36.08	-13	-23.08	-60.44	-41.21	2.30	9.59	V
5768	-67.74	-13	-54.74	41.74	-72.62	2.78	9.81	V	
Middle	1664	-37.52	-13	-24.52	-48.75	-39.23	0.98	4.84	H
	2496	-48.44	-13	-35.44	-65.03	-50.39	1.29	5.39	H
	3328	-48.27	-13	-35.27	-65.77	-51.81	1.55	7.24	H
	4160	-43.49	-13	-30.49	-65.08	-48.12	1.85	8.63	H
	4992	-40.03	-13	-27.03	-63.56	-45.23	2.33	9.68	H
	5824	-44.06	-13	-31.06	-77.06	-48.93	2.81	9.83	H
	1664	-39.48	-13	-26.48	-51.36	-41.19	0.98	4.84	V
	2496	-48.44	-13	-35.44	-66.31	-50.39	1.29	5.39	V
	3328	-44.27	-13	-31.27	-63.19	-47.81	1.55	7.24	V
	4160	-40.86	-13	-27.86	-63	-45.49	1.85	8.63	V
	4992	-39.01	-13	-26.01	-63.52	-44.21	2.33	9.68	V
5824	-50.34	-13	-37.34	-75.7	-55.21	2.81	9.83	V	
Highest	1680	-34.47	-13	-21.47	-45.64	-36.12	0.99	4.80	H
	2520	-47.14	-13	-34.14	-63.68	-49.11	1.30	5.42	H
	3360	-43.14	-13	-30.14	-60.53	-46.81	1.56	7.38	H
	4200	-37.08	-13	-24.08	-58.64	-41.69	1.88	8.64	H
	5040	-35.73	-13	-22.73	-59.09	-40.92	2.36	9.70	H
	5880	-51.78	-13	-38.78	-76.46	-56.64	2.84	9.85	H
	1680	-35.71	-13	-22.71	-47.71	-37.36	0.99	4.80	V
	2520	-45.44	-13	-32.44	-63.51	-47.41	1.30	5.42	V
	3360	-39.44	-13	-26.44	-58.37	-43.11	1.56	7.38	V
	4200	-36.20	-13	-23.20	-58.24	-40.81	1.88	8.64	V
	5040	-35.12	-13	-22.12	-59.54	-40.31	2.36	9.70	V
5880	-49.11	-13	-36.11	-74.66	-53.97	2.84	9.85	V	

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



LTE Band 17 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-40.91	-13	-27.91	-51.01	-42.62	0.87	4.73	H
	2112	-49.17	-13	-36.17	-62.87	-50.09	1.17	4.24	H
	2816	-54.02	-13	-41.02	-70.92	-56.13	1.39	5.65	H
	3520	-42.86	-13	-29.86	-60.66	-47.12	1.61	8.02	H
	4224	-33.91	-13	-20.91	-55.65	-38.51	1.89	8.64	H
	4928	-33.35	-13	-20.35	-56.67	-38.46	2.30	9.56	H
	1408	-38.58	-13	-25.58	-48.67	-40.29	0.87	4.73	V
	2112	-41.09	-13	-28.09	-56.40	-42.01	1.17	4.24	V
	2816	-52.08	-13	-39.08	-69.99	-54.19	1.39	5.65	V
	3520	-40.25	-13	-27.25	-59.41	-44.51	1.61	8.02	V
	4224	-33.21	-13	-20.21	-55.36	-37.81	1.89	8.64	V
	4928	-35.05	-13	-22.05	-59.47	-40.16	2.30	9.56	V
Middle	1416	-40.76	-13	-27.76	-50.81	-42.51	0.87	4.78	H
	2120	-49.45	-13	-36.45	-63.28	-50.39	1.17	4.26	H
	2832	-52.99	-13	-39.99	-69.67	-55.11	1.39	5.67	H
	3536	-42.81	-13	-29.81	-60.75	-47.09	1.62	8.04	H
	4248	-35.61	-13	-22.61	-57.38	-40.21	1.90	8.65	H
	4952	-35.19	-13	-22.19	-58.66	-40.33	2.31	9.60	H
	1416	-36.64	-13	-23.64	-46.78	-38.39	0.87	4.78	V
	2120	-42.27	-13	-29.27	-57.83	-43.21	1.17	4.26	V
	2832	-51.97	-13	-38.97	-69.95	-54.09	1.39	5.67	V
	3536	-40.11	-13	-27.11	-59.35	-44.39	1.62	8.04	V
	4248	-34.61	-13	-21.61	-57.10	-39.21	1.90	8.65	V
	4952	-35.19	-13	-22.19	-59.68	-40.33	2.31	9.60	V
Highest	1424	-40.86	-13	-27.86	-50.84	-42.66	0.88	4.83	H
	2136	-52.43	-13	-39.43	-66.20	-53.41	1.18	4.31	H
	2848	-53.68	-13	-40.68	-70.67	-55.81	1.40	5.68	H
	3560	-45.91	-13	-32.91	-64.17	-50.21	1.62	8.07	H
	4264	-35.63	-13	-22.63	-57.32	-40.22	1.91	8.65	H
	4976	-37.64	-13	-24.64	-60.86	-42.82	2.32	9.65	H
	1424	-35.83	-13	-22.83	-46.15	-37.63	0.88	4.83	V
	2136	-44.63	-13	-31.63	-60.12	-45.61	1.18	4.31	V
	2848	-52.58	-13	-39.58	-70.55	-54.71	1.40	5.68	V
	3560	-43.51	-13	-30.51	-62.79	-47.81	1.62	8.07	V
	4264	-35.23	-13	-22.23	-57.64	-39.82	1.91	8.65	V
	4976	-38.08	-13	-25.08	-62.51	-43.26	2.32	9.65	V

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



LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-41.06	-13	-28.06	-51.05	-42.77	0.87	4.73	H
	2112	-49.61	-13	-36.61	-63.57	-50.53	1.17	4.24	H
	2816	-53.32	-13	-40.32	-70.07	-55.43	1.39	5.65	H
	3520	-41.85	-13	-28.85	-59.58	-46.11	1.61	8.02	H
	4224	-35.21	-13	-22.21	-56.70	-39.81	1.89	8.64	H
	4928	-33.61	-13	-20.61	-56.97	-38.72	2.30	9.56	H
	1408	-38.61	-13	-25.61	-48.54	-40.32	0.87	4.73	V
	2112	-41.46	-13	-28.46	-56.95	-42.38	1.17	4.24	V
	2816	-52.25	-13	-39.25	-70.21	-54.36	1.39	5.65	V
	3520	-39.46	-13	-26.46	-58.41	-43.72	1.61	8.02	V
	4224	-34.99	-13	-21.99	-57.24	-39.59	1.89	8.64	V
4928	-34.61	-13	-21.61	-59.05	-39.72	2.30	9.56	V	
Middle	1408	-41.50	-13	-28.50	-54.46	-43.21	0.87	4.73	H
	2112	-50.44	-13	-37.44	-64.26	-51.36	1.17	4.24	H
	2824	-52.69	-13	-39.69	-69.48	-54.81	1.39	5.66	H
	3528	-43.09	-13	-30.09	-61.12	-47.36	1.61	8.03	H
	4232	-35.49	-13	-22.49	-57.15	-40.09	1.89	8.65	H
	4936	-34.91	-13	-21.91	-58.24	-40.03	2.30	9.57	H
	1408	-38.38	-13	-25.38	-48.32	-40.09	0.87	4.73	V
	2112	-42.69	-13	-29.69	-57.95	-43.61	1.17	4.24	V
	2824	-51.96	-13	-38.96	-69.81	-54.08	1.39	5.66	V
	3528	-38.92	-13	-25.92	-58.18	-43.19	1.61	8.03	V
	4232	-35.21	-13	-22.21	-57.45	-39.81	1.89	8.65	V
4936	-36.04	-13	-23.04	-60.50	-41.16	2.30	9.57	V	
Highest	1416	-41.77	-13	-28.77	-51.80	-43.52	0.87	4.78	H
	2120	-50.89	-13	-37.89	-64.58	-51.83	1.17	4.26	H
	2824	-52.89	-13	-39.89	-69.44	-55.01	1.39	5.66	H
	3536	-42.54	-13	-29.54	-60.50	-46.82	1.62	8.04	H
	4240	-35.46	-13	-22.46	-56.88	-40.06	1.90	8.65	H
	4944	-35.68	-13	-22.68	-59.11	-40.81	2.30	9.59	H
	1416	-37.47	-13	-24.47	-47.52	-39.22	0.87	4.78	V
	2120	-43.08	-13	-30.08	-58.36	-44.02	1.17	4.26	V
	2824	-51.57	-13	-38.57	-69.47	-53.69	1.39	5.66	V
	3536	-39.85	-13	-26.85	-58.93	-44.13	1.62	8.04	V
	4240	-35.63	-13	-22.63	-57.96	-40.23	1.90	8.65	V
4944	-36.56	-13	-23.56	-60.78	-41.69	2.30	9.59	V	

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