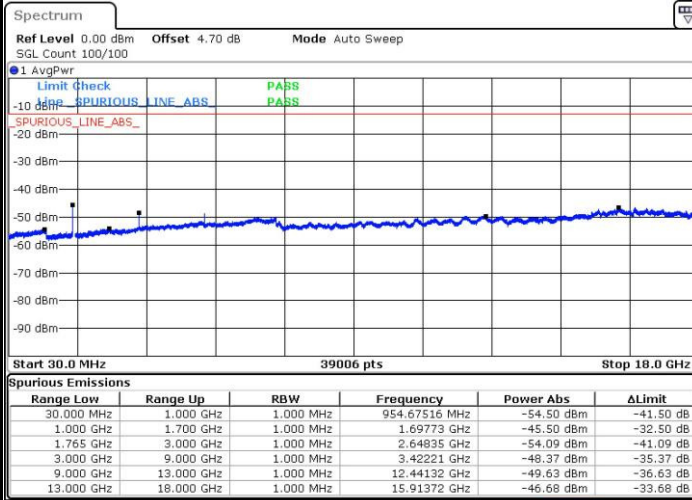




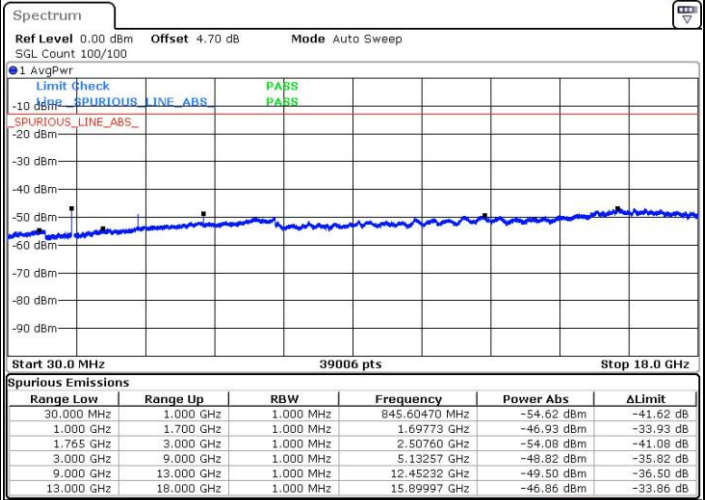
LTE Band 4 / 15MHz

Lowest Channel / QPSK



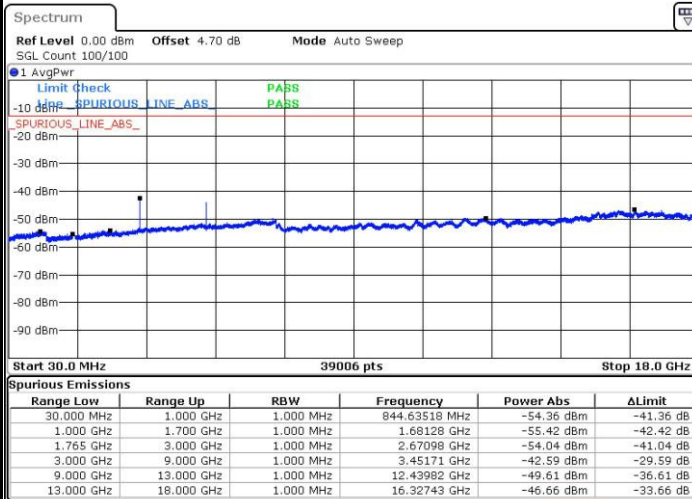
Date: 29 SEP 2016 20:46:17

Lowest Channel / 16QAM



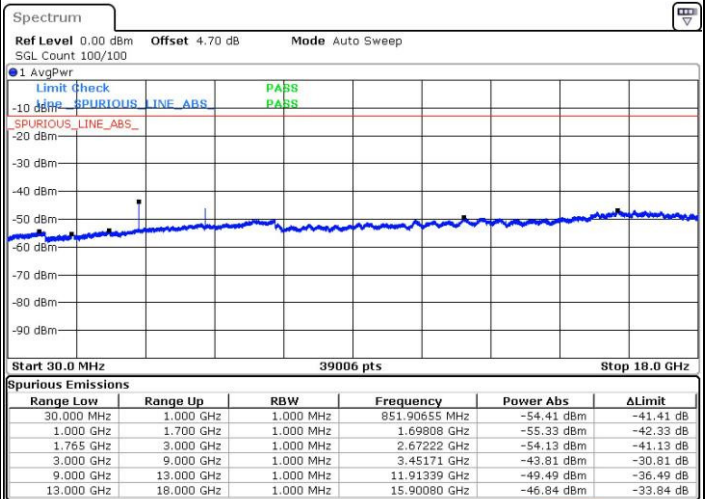
Date: 29 SEP 2016 20:47:14

Middle Channel / QPSK



Date: 29 SEP 2016 20:48:55

Middle Channel / 16QAM

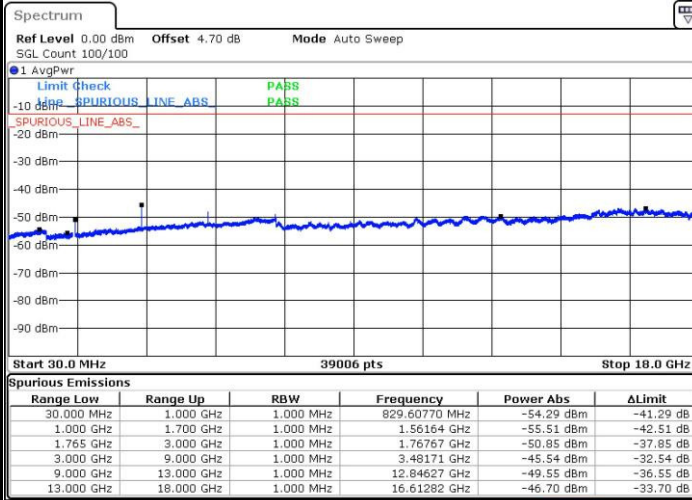


Date: 29 SEP 2016 20:49:51



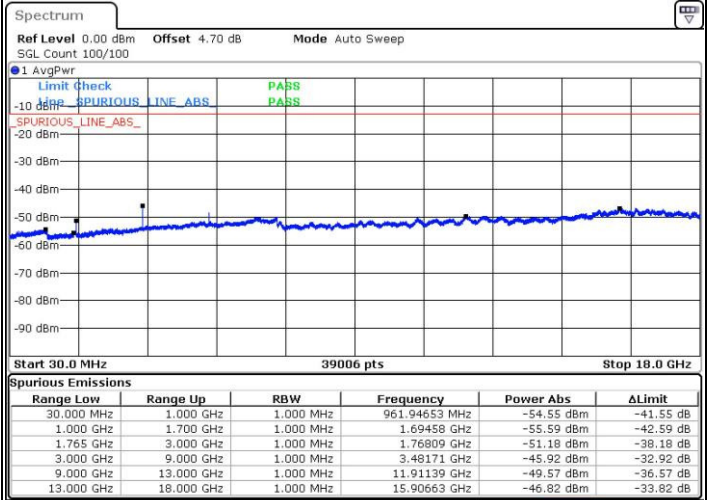
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 29 SEP 2016 20:56:07

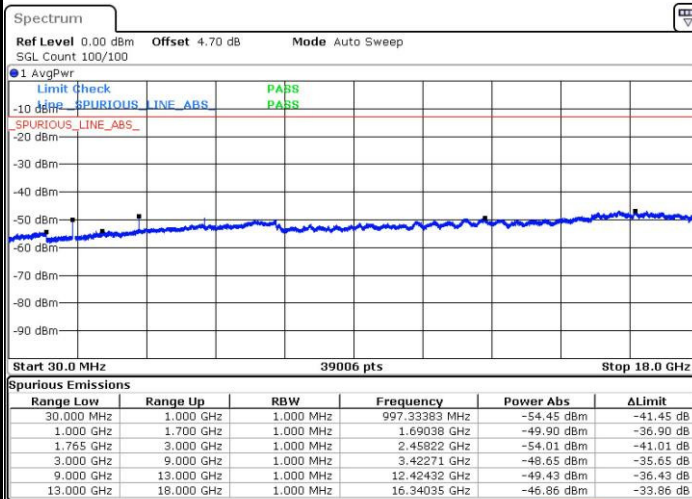
Highest Channel / 16QAM



Date: 29 SEP 2016 20:57:03

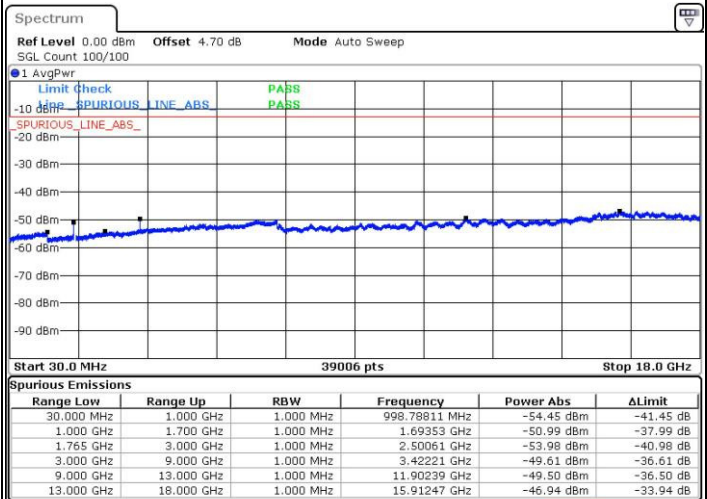
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 29 SEP 2016 21:03:21

Lowest Channel / 16QAM

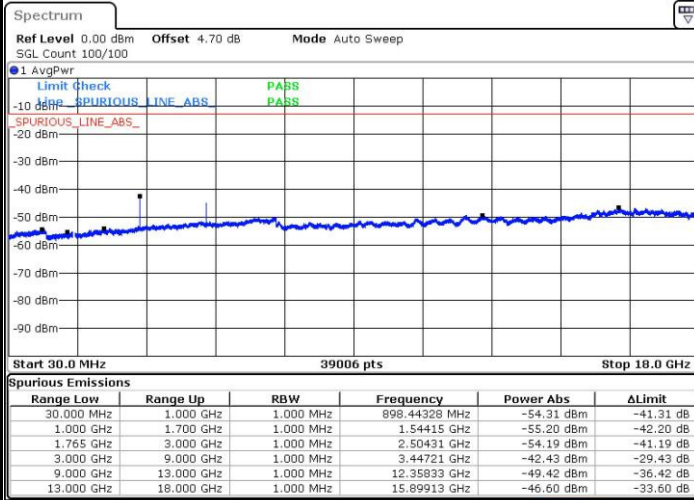


Date: 29 SEP 2016 21:04:17



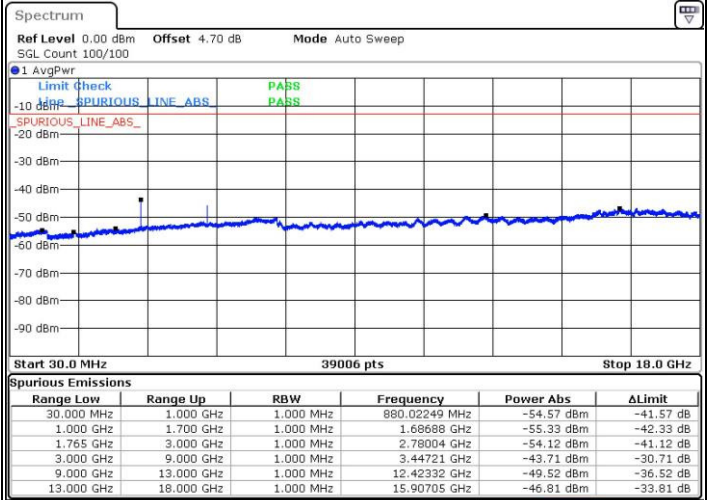
LTE Band 4 / 20MHz

Middle Channel / QPSK



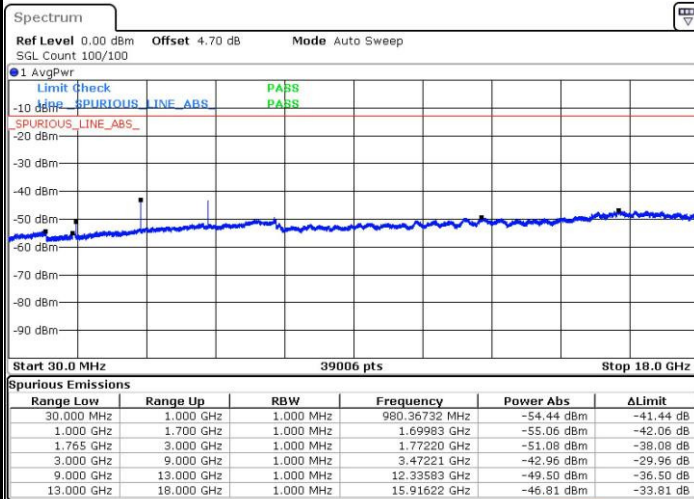
Date: 29 SEP 2016 21:05:58

Middle Channel / 16QAM



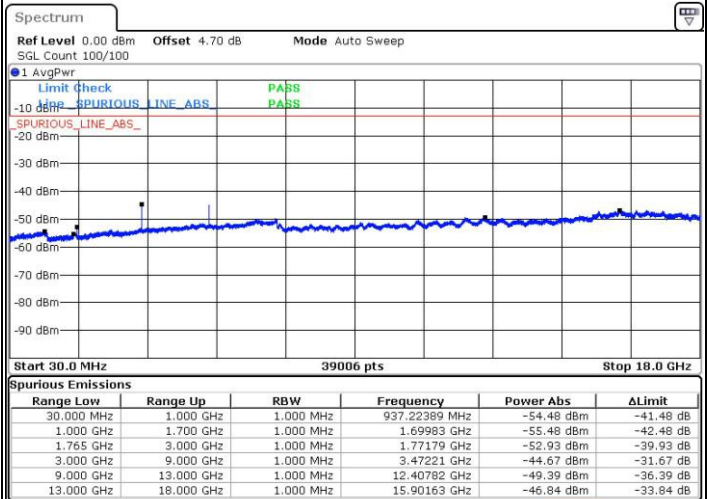
Date: 29 SEP 2016 21:06:54

Highest Channel / QPSK



Date: 29 SEP 2016 21:13:11

Highest Channel / 16QAM

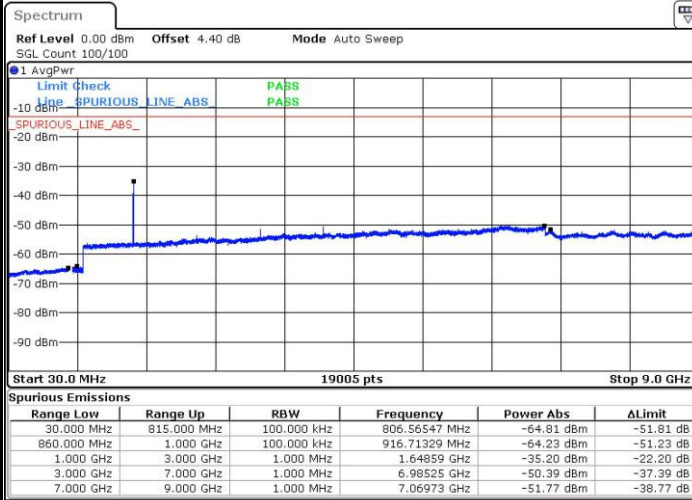


Date: 29 SEP 2016 21:14:07



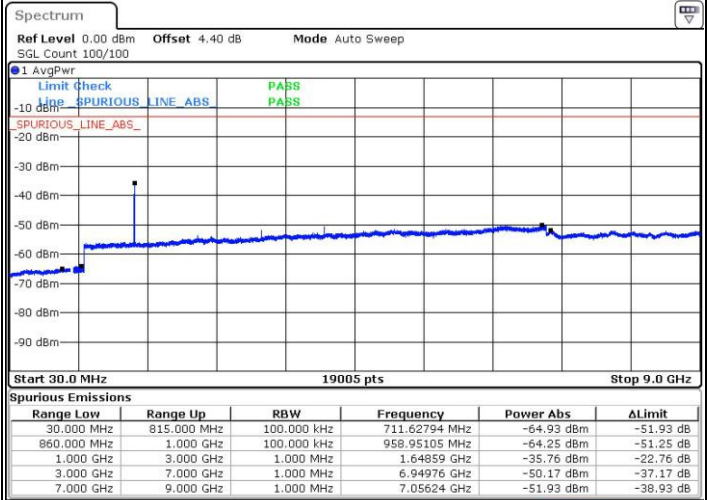
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



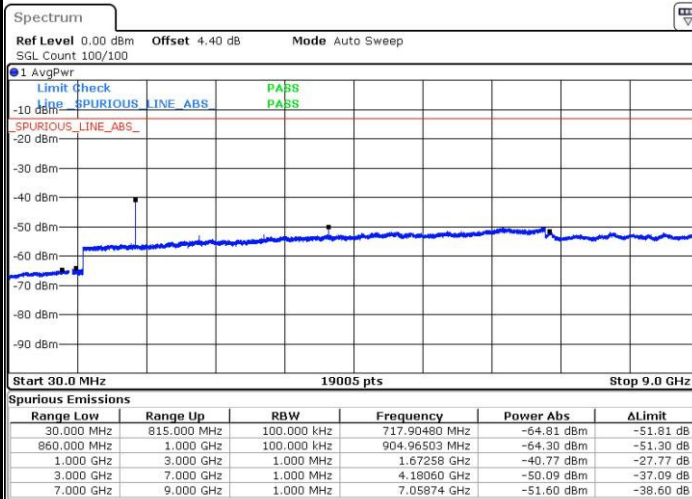
Date: 29 SEP 2016 21:40:02

Lowest Channel / 16QAM



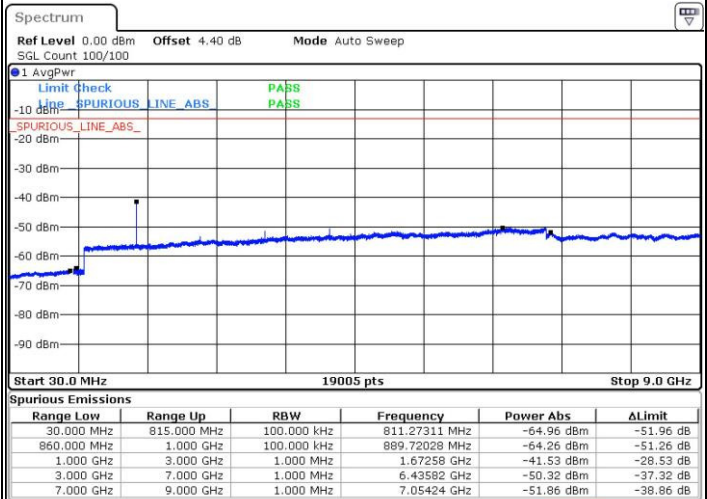
Date: 29 SEP 2016 21:40:58

Middle Channel / QPSK



Date: 29 SEP 2016 21:42:39

Middle Channel / 16QAM

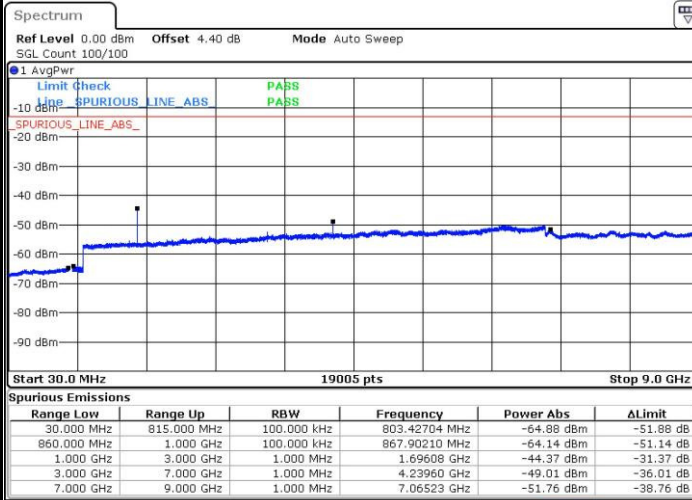


Date: 29 SEP 2016 21:43:35



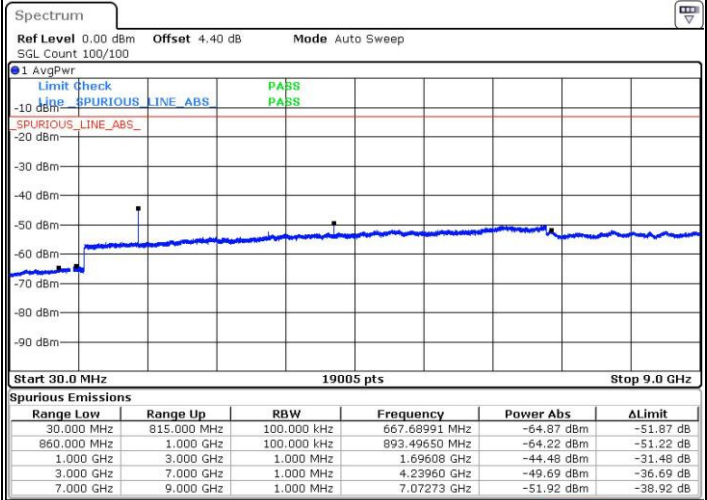
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 29 SEP 2016 21:51:51

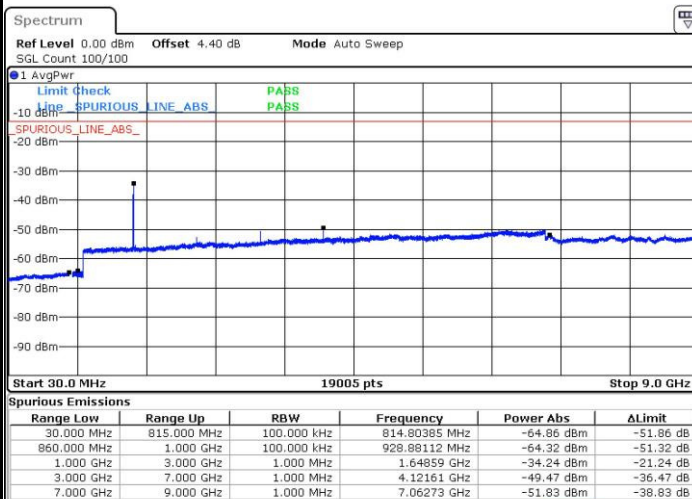
Highest Channel / 16QAM



Date: 29 SEP 2016 21:52:46

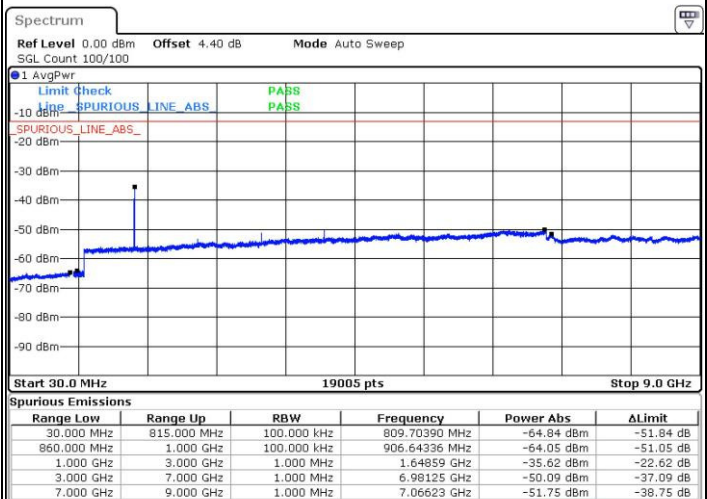
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 29 SEP 2016 22:01:03

Lowest Channel / 16QAM

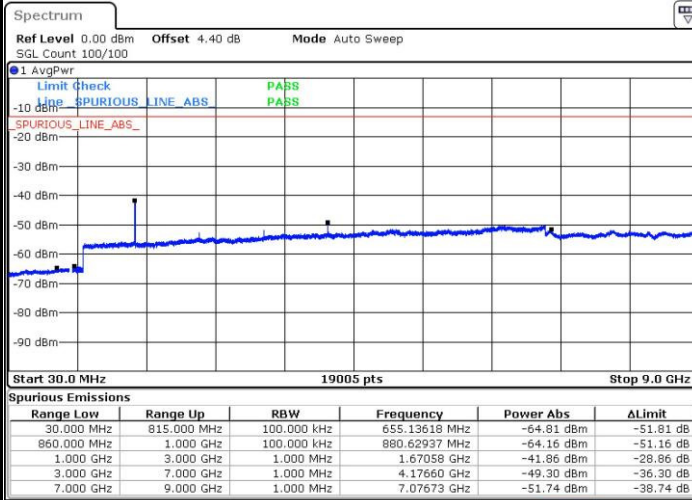


Date: 29 SEP 2016 22:02:00



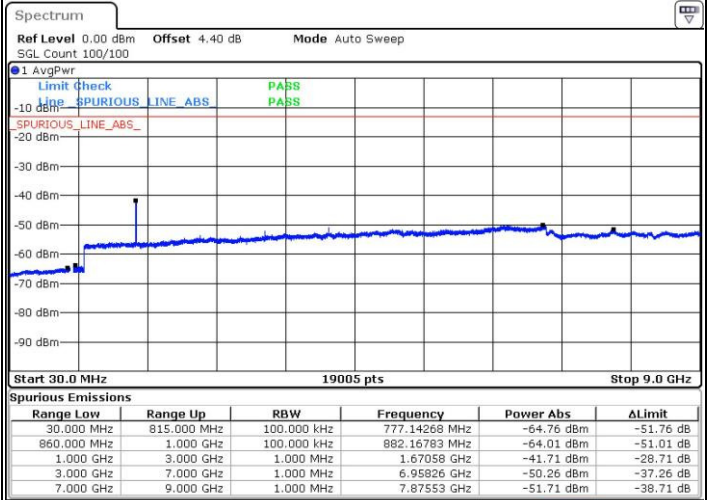
LTE Band 5 / 3MHz

Middle Channel / QPSK



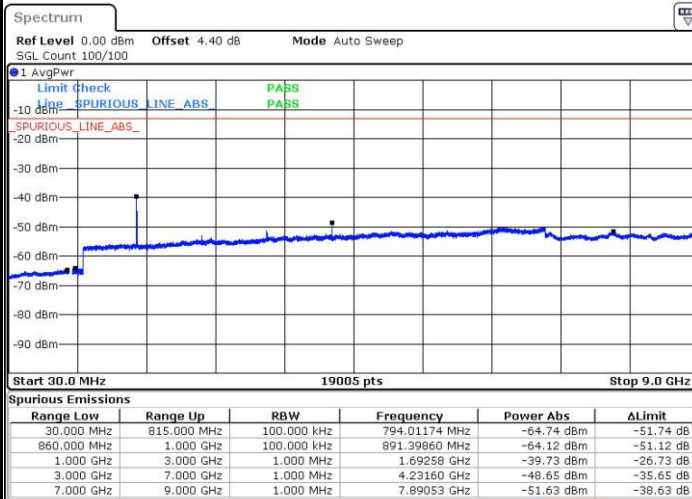
Date: 29 SEP 2016 22:03:40

Middle Channel / 16QAM



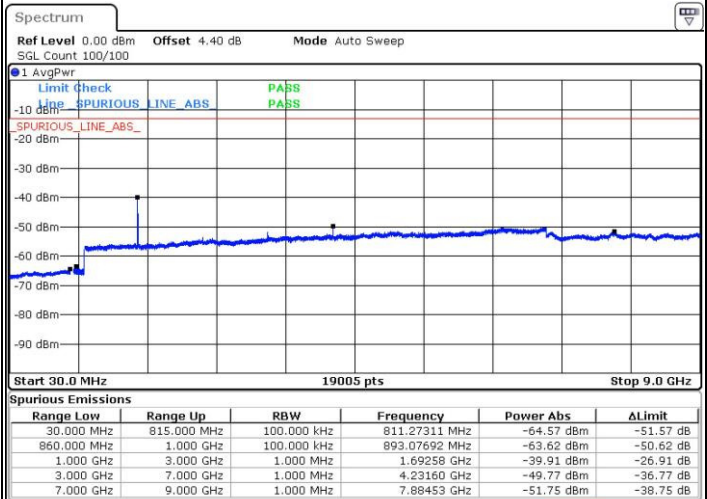
Date: 29 SEP 2016 22:04:36

Highest Channel / QPSK



Date: 29 SEP 2016 22:12:53

Highest Channel / 16QAM

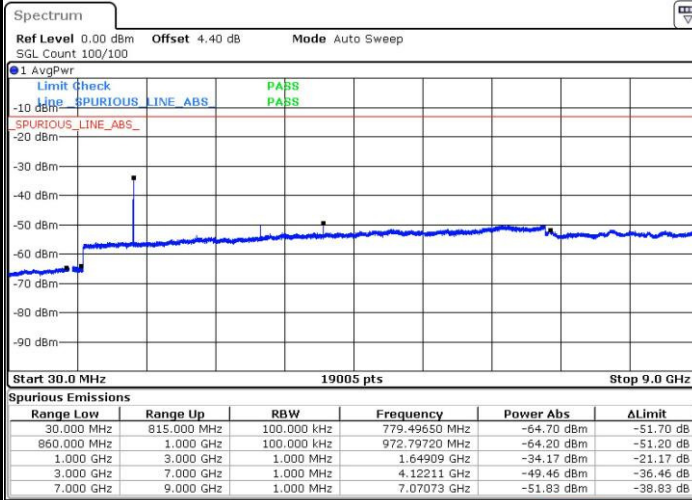


Date: 29 SEP 2016 22:13:48



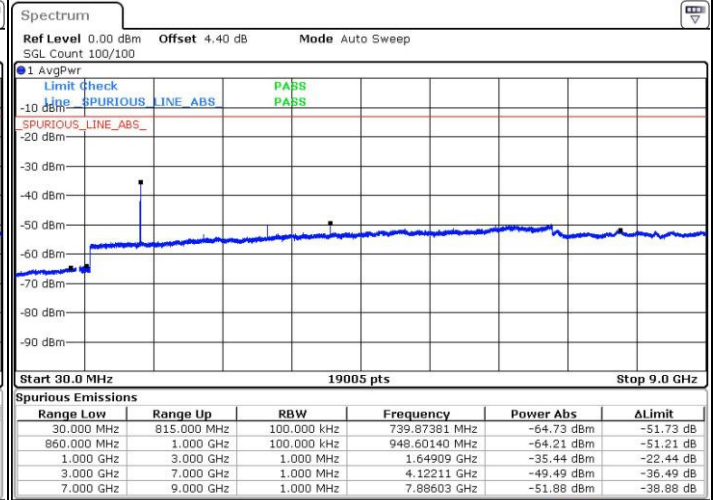
LTE Band 5 / 5MHz

Lowest Channel / QPSK



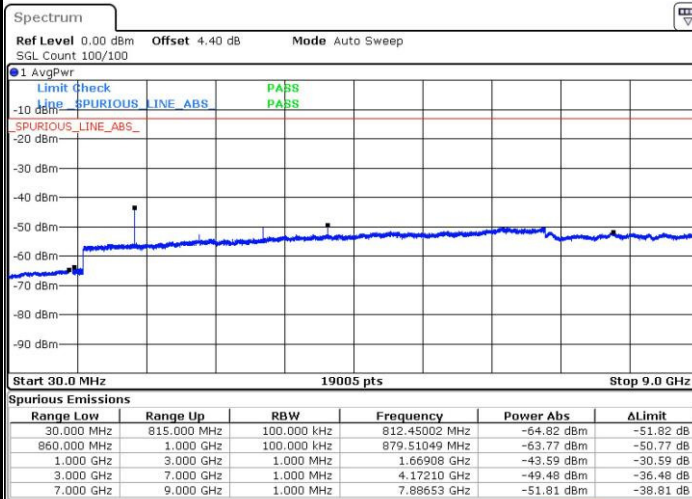
Date: 29 SEP 2016 22:22:05

Lowest Channel / 16QAM



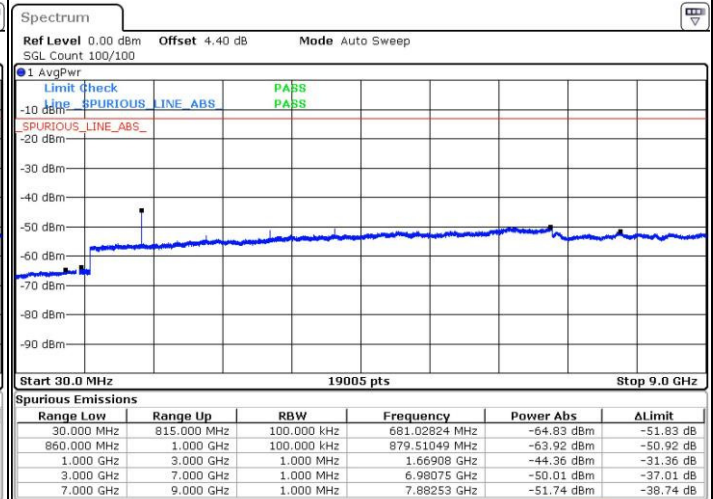
Date: 29 SEP 2016 22:23:02

Middle Channel / QPSK



Date: 29 SEP 2016 22:24:43

Middle Channel / 16QAM

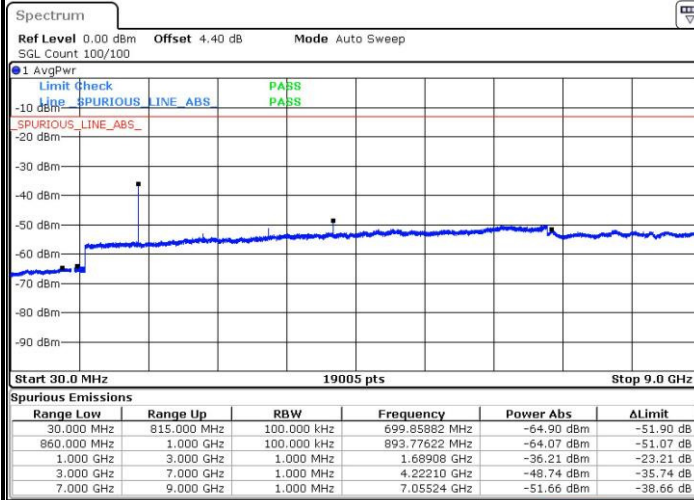


Date: 29 SEP 2016 22:25:38



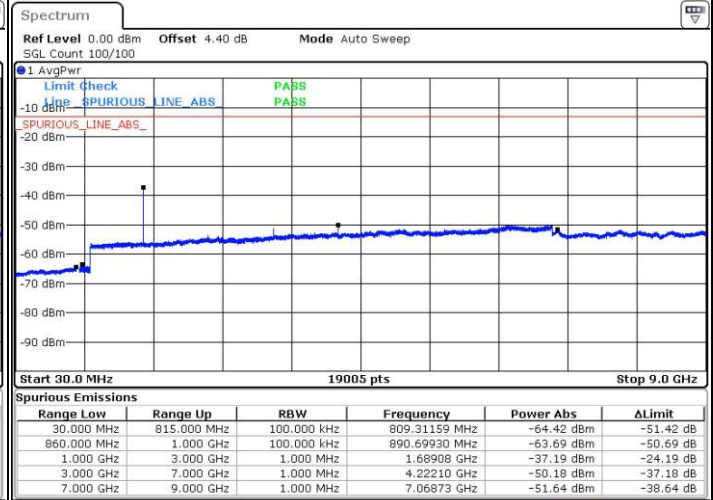
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 29 SEP 2016 22:33:54

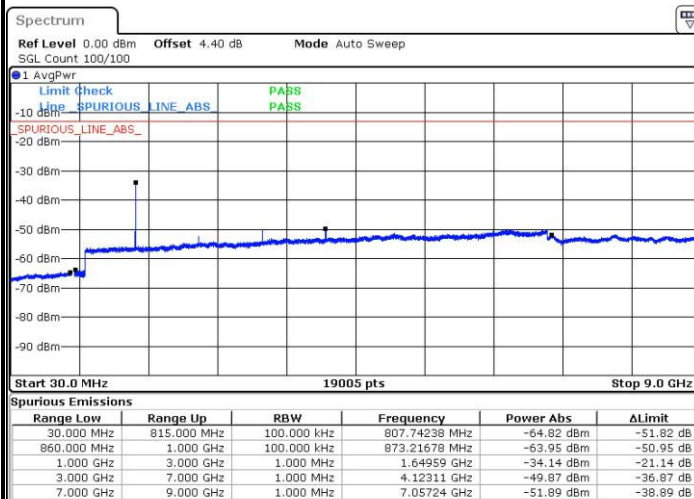
Highest Channel / 16QAM



Date: 29 SEP 2016 22:34:50

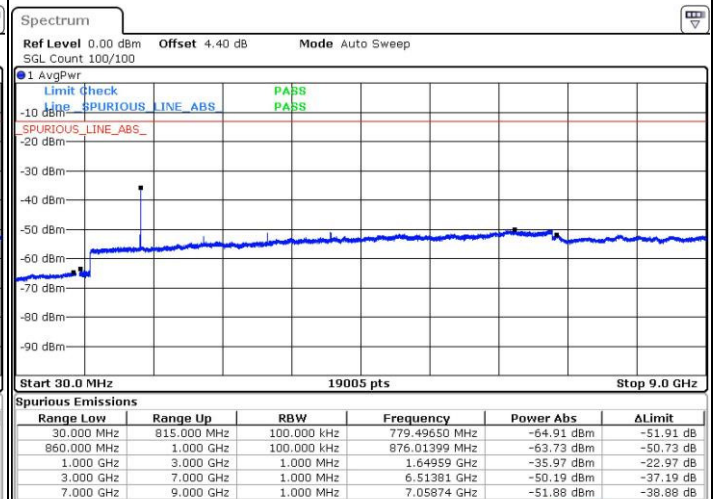
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 29 SEP 2016 22:43:05

Lowest Channel / 16QAM

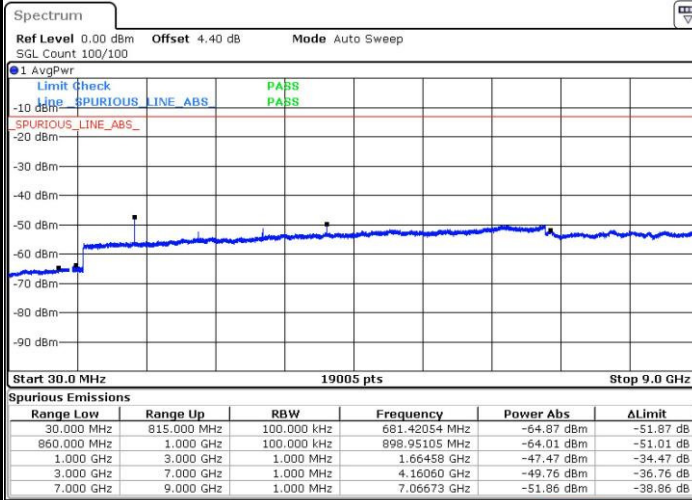


Date: 29 SEP 2016 22:44:02



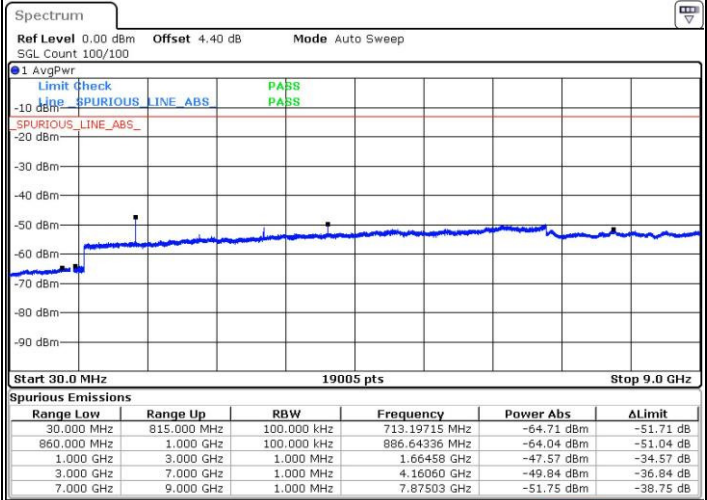
LTE Band 5 / 10MHz

Middle Channel / QPSK



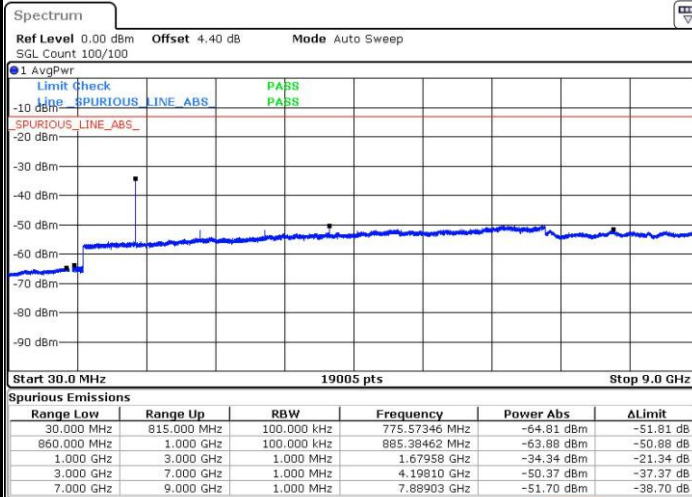
Date: 29 SEP 2016 22:45:42

Middle Channel / 16QAM



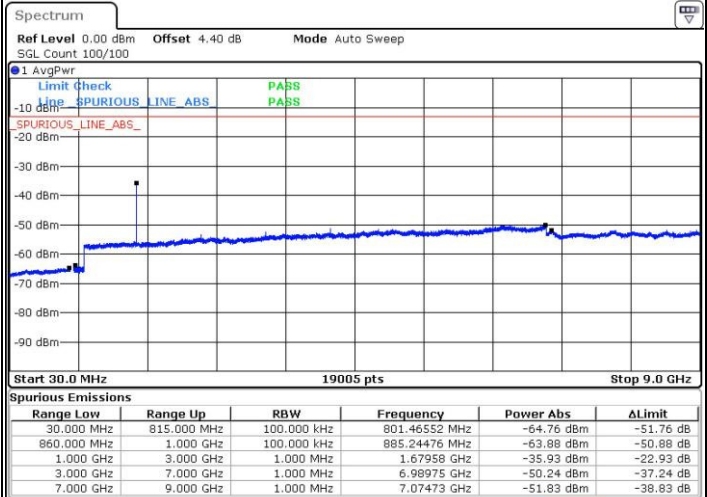
Date: 29 SEP 2016 22:46:38

Highest Channel / QPSK



Date: 29 SEP 2016 22:54:53

Highest Channel / 16QAM

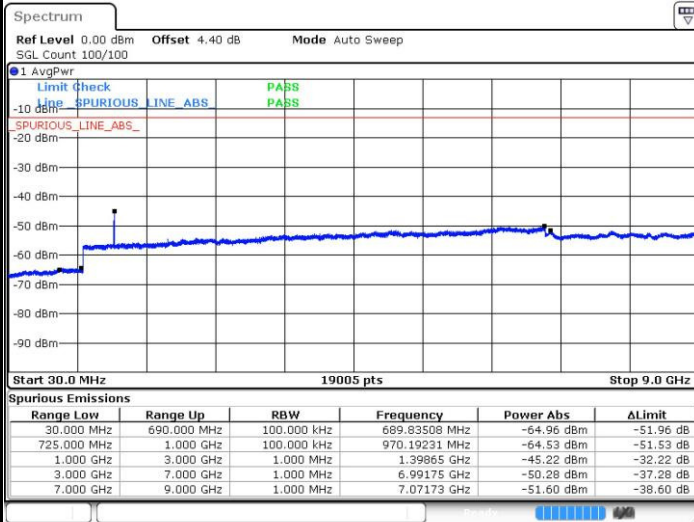


Date: 29 SEP 2016 22:55:49



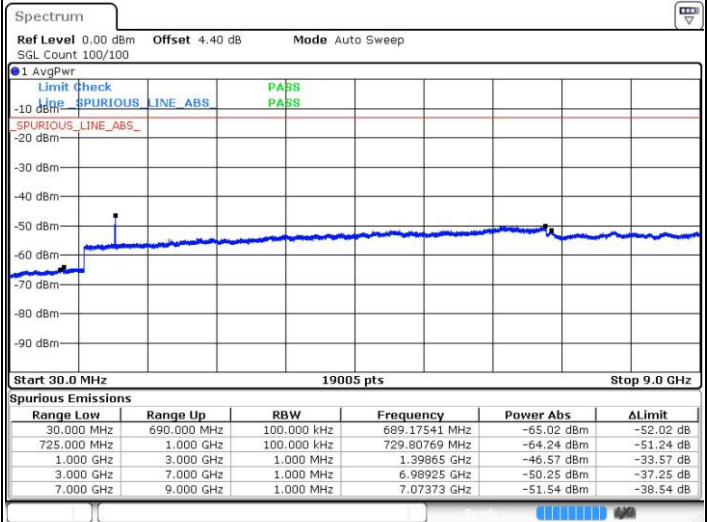
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



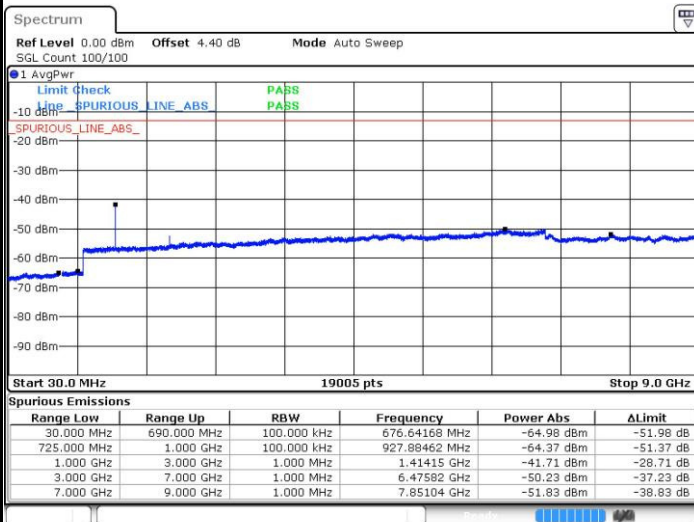
Date: 29 SEP.2016 23:09:43

Lowest Channel / 16QAM



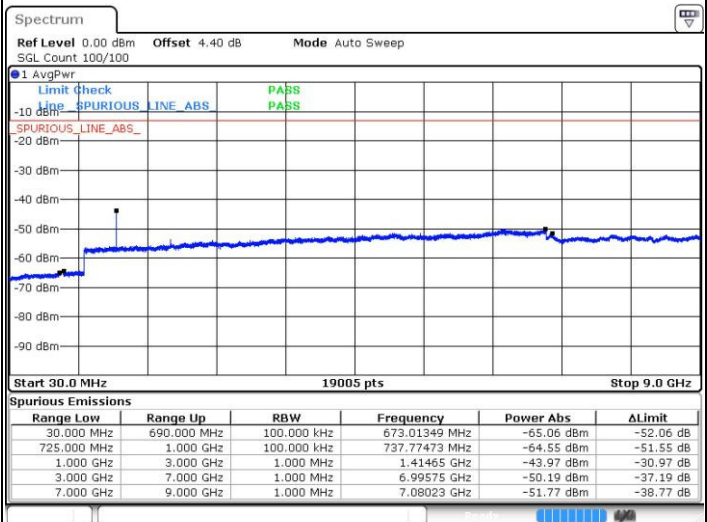
Date: 29 SEP.2016 23:10:39

Middle Channel / QPSK



Date: 29 SEP.2016 23:12:31

Middle Channel / 16QAM

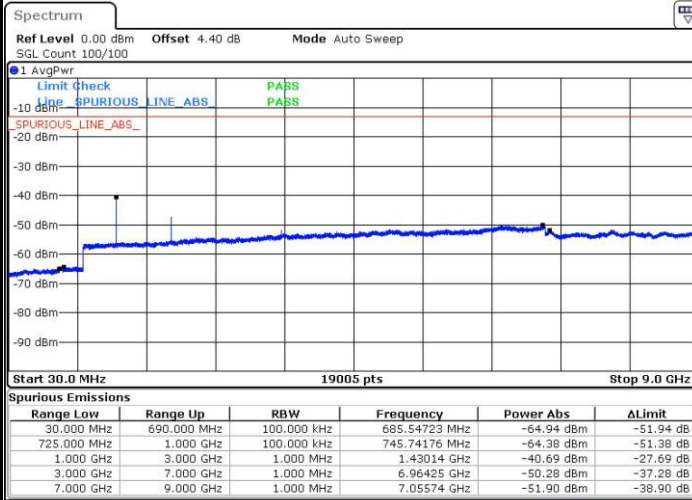


Date: 29 SEP.2016 23:11:35



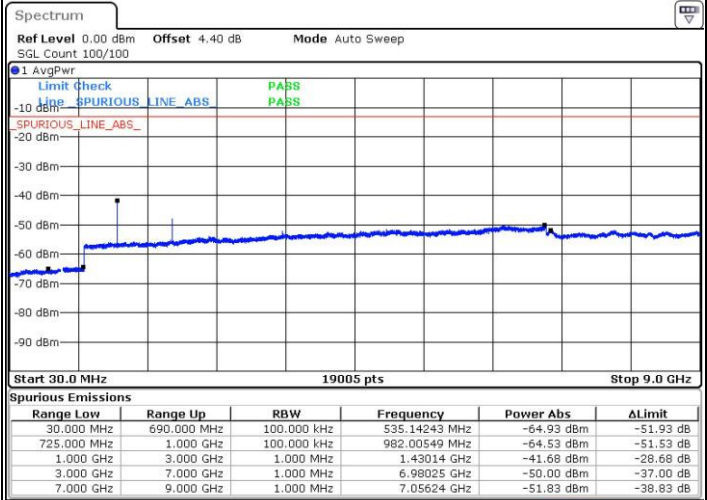
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 29 SEP 2016 23:13:28

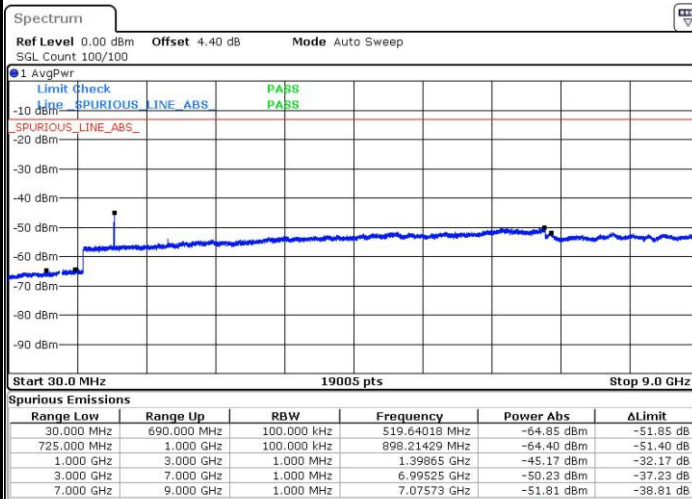
Highest Channel / 16QAM



Date: 29 SEP 2016 23:14:24

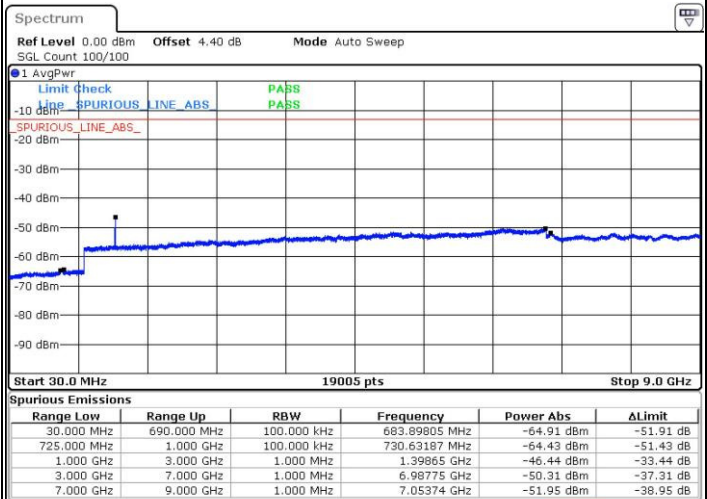
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 29 SEP 2016 23:26:42

Lowest Channel / 16QAM

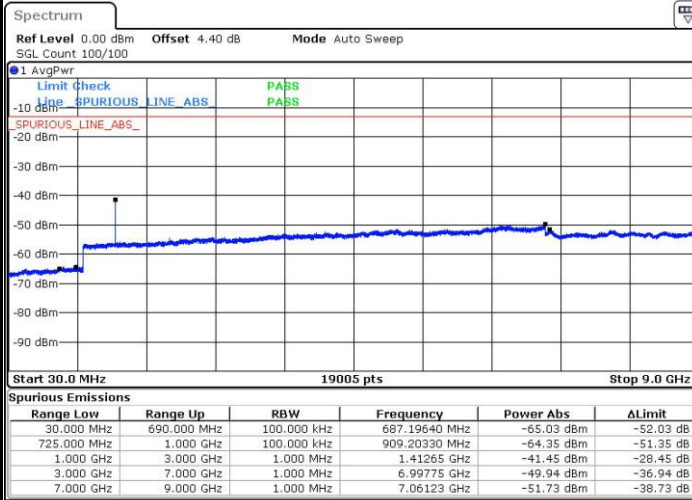


Date: 29 SEP 2016 23:27:38



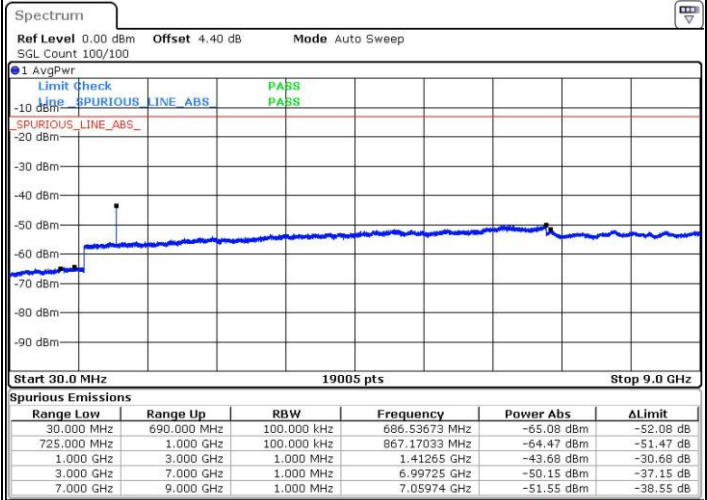
LTE Band 12 / 3MHz

Middle Channel / QPSK



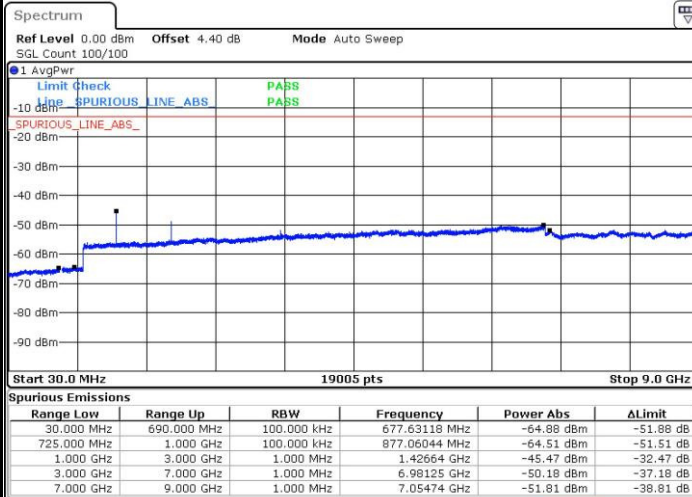
Date: 29 SEP 2016 23:29:30

Middle Channel / 16QAM



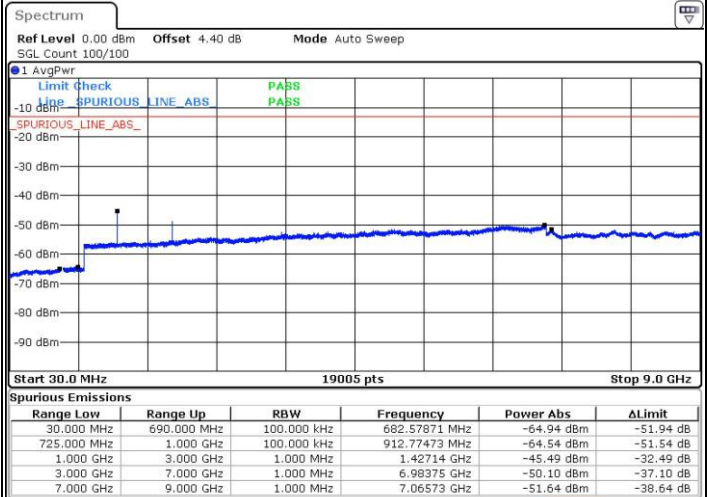
Date: 29 SEP 2016 23:28:34

Highest Channel / QPSK



Date: 29 SEP 2016 23:30:25

Highest Channel / 16QAM

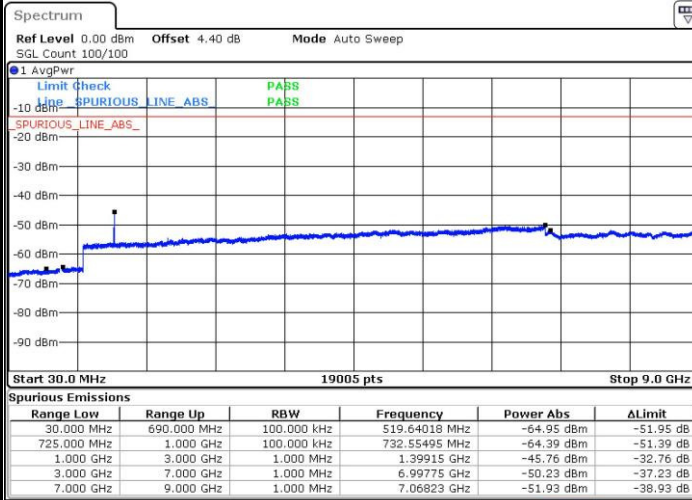


Date: 29 SEP 2016 23:31:21



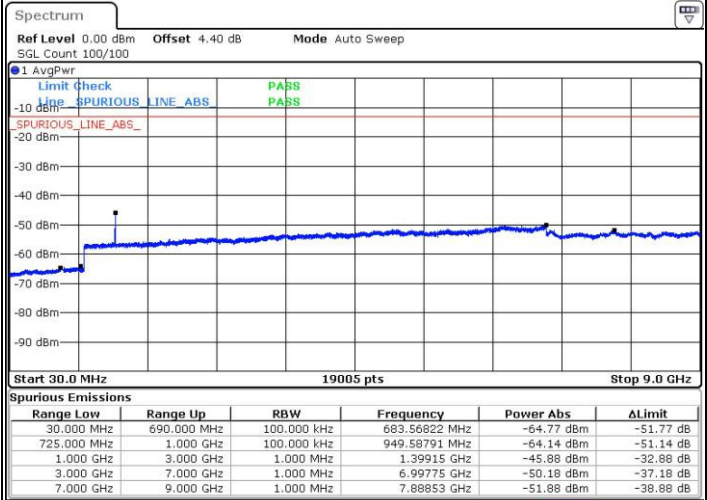
LTE Band 12 / 5MHz

Lowest Channel / QPSK



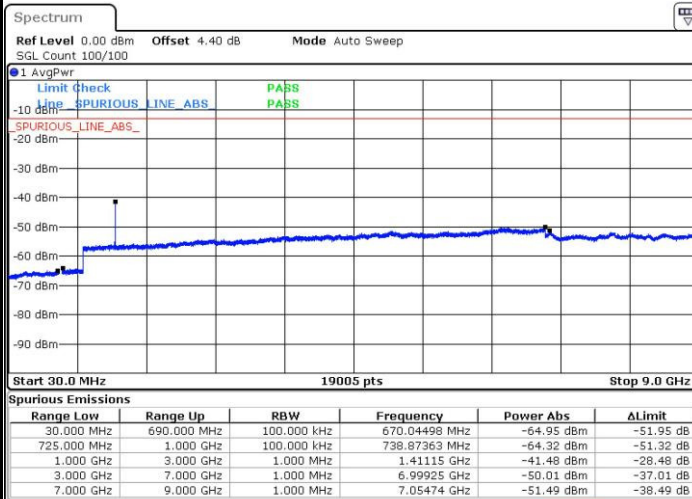
Date: 29 SEP 2016 23:43:40

Lowest Channel / 16QAM



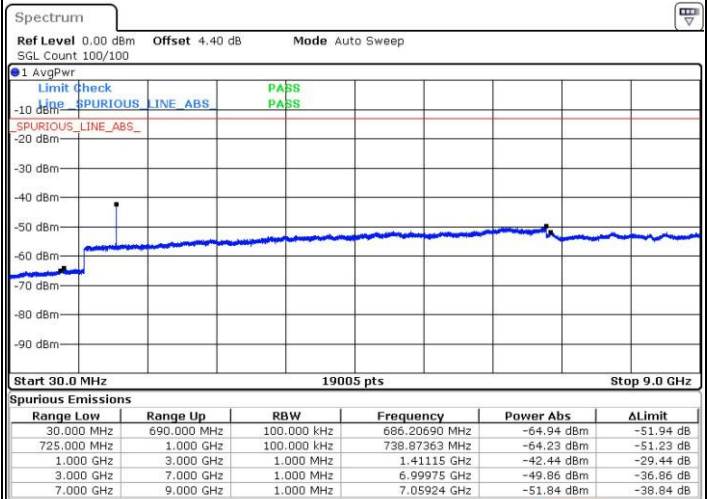
Date: 29 SEP 2016 23:44:36

Middle Channel / QPSK



Date: 29 SEP 2016 23:46:27

Middle Channel / 16QAM

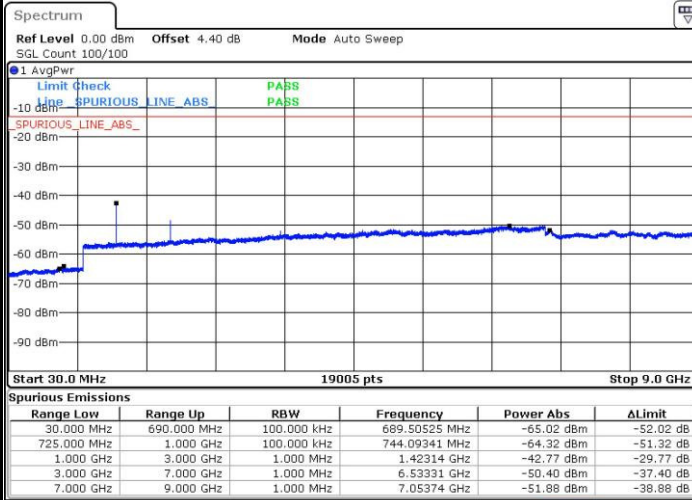


Date: 29 SEP 2016 23:45:31



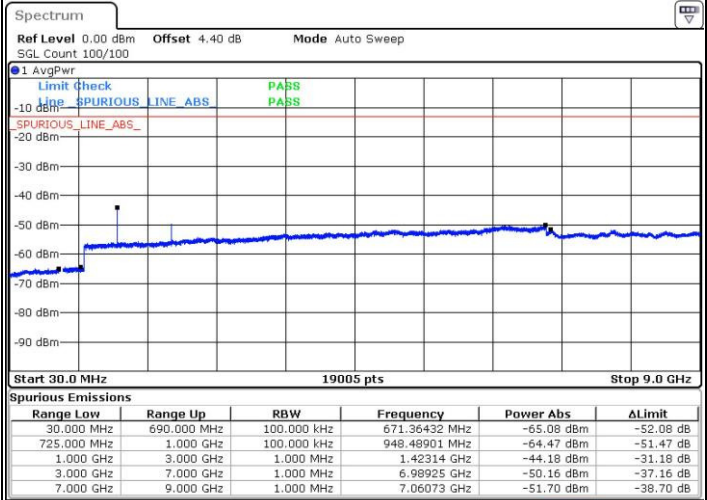
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 29 SEP 2016 23:47:24

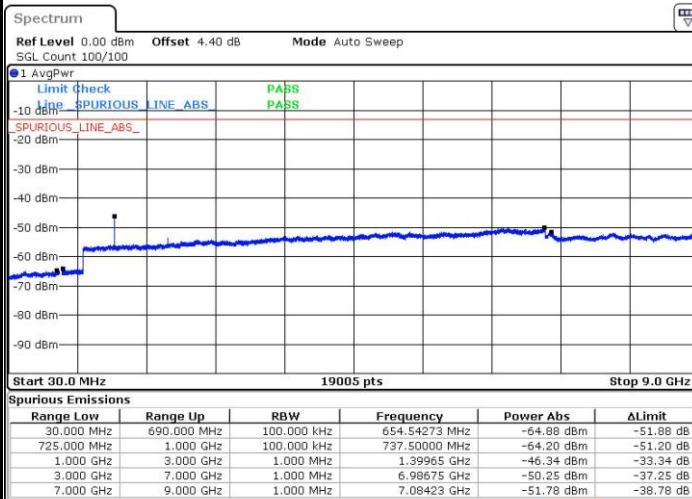
Highest Channel / 16QAM



Date: 29 SEP 2016 23:48:19

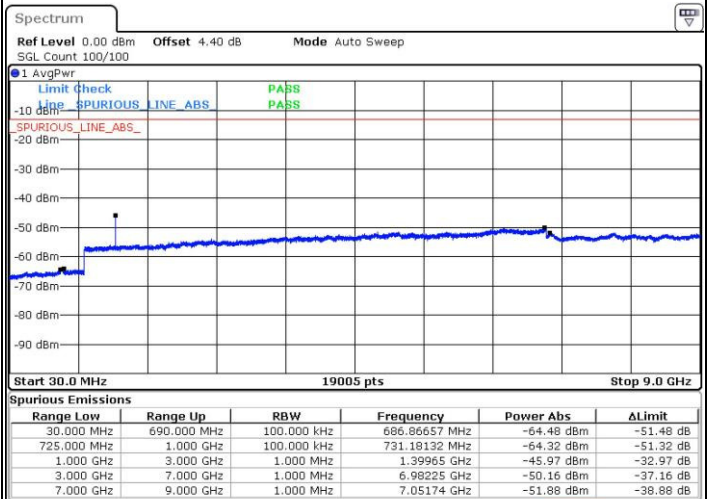
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 30 SEP 2016 00:00:41

Lowest Channel / 16QAM

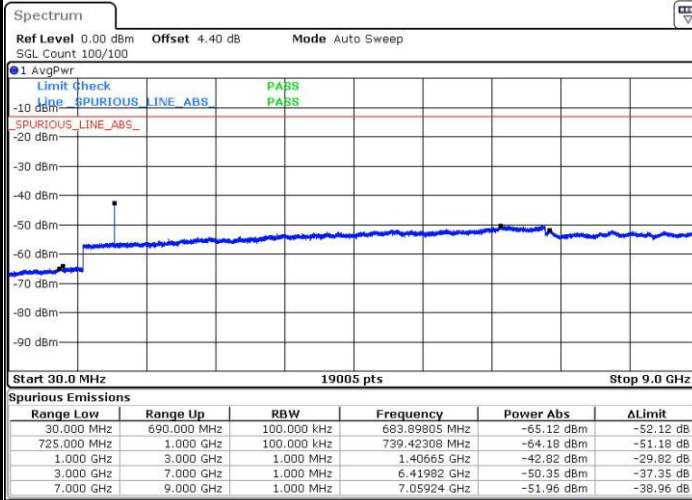


Date: 30 SEP 2016 00:01:37



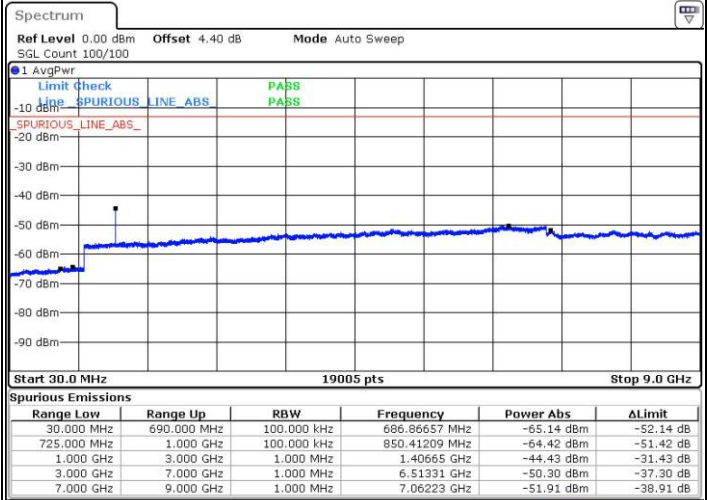
LTE Band 12 / 10MHz

Middle Channel / QPSK



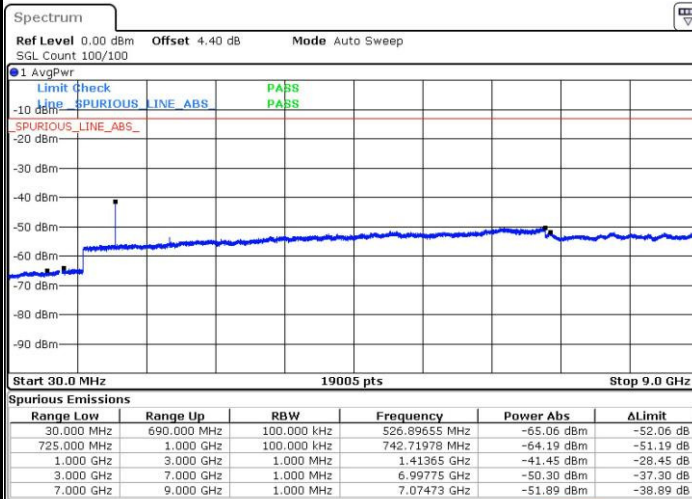
Date: 30 SEP.2016 00:03:29

Middle Channel / 16QAM



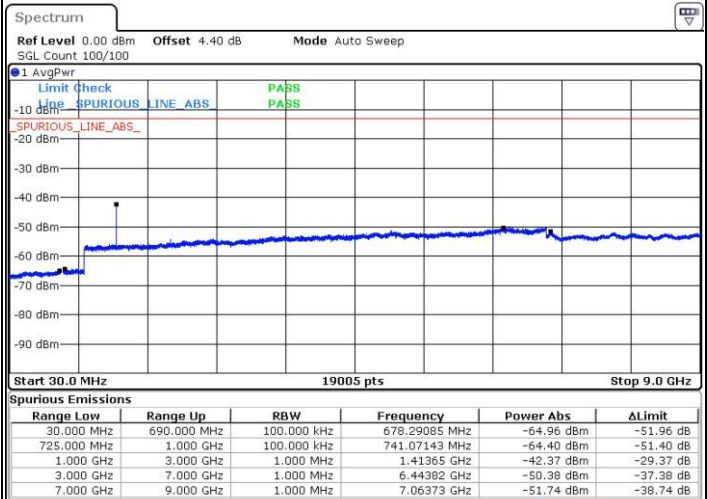
Date: 30 SEP.2016 00:02:33

Highest Channel / QPSK



Date: 30 SEP.2016 00:04:25

Highest Channel / 16QAM



Date: 30 SEP.2016 00:05:21

**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	0.0020	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2 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	0.0041	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0040	
20	Normal Voltage	0.0035	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2 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	0.0014	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0057	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0001	

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



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0064	PASS
40	Normal Voltage	0.0082	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0083	
0	Normal Voltage	0.0072	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0076	
20	Maximum Voltage	0.0052	
20	Normal Voltage	0.0069	
20	Battery End Point	0.0057	

Note:

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



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	3756	-64.41	-13	-51.41	-73.42	-69.27	1.93	6.80	H
	5638.38	-58.80	-13	-45.80	-69.36	-66.10	2.40	9.70	H
	7517.84	-55.81	-13	-42.81	-70.85	-64.86	2.76	11.81	H
	3758.92	-63.96	-13	-50.96	-73.27	-68.83	1.93	6.80	V
	5638.38	-59.98	-13	-46.98	-67.93	-67.28	2.40	9.70	V
	7518	-58.62	-13	-45.62	-71.11	-67.67	2.76	11.81	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	3756	-64.91	-13	-51.91	-73.92	-69.77	1.93	6.80	H
	5636.22	-59.66	-13	-46.66	-70.22	-66.96	2.40	9.70	H
	7514.96	-56.14	-13	-43.14	-71.18	-65.19	2.76	11.81	H
	3756	-64.73	-13	-51.73	-74.04	-69.60	1.93	6.80	V
	5636.22	-62.00	-13	-49.00	-69.95	-69.30	2.40	9.70	V
	7514.96	-59.27	-13	-46.27	-71.76	-68.32	2.76	11.81	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	3756	-64.29	-13	-51.29	-73.30	-69.15	1.93	6.80	H
	5633.52	-59.42	-13	-46.42	-69.98	-66.72	2.40	9.70	H
	7511.36	-56.38	-13	-43.38	-71.42	-65.43	2.76	11.81	H
	3756	-63.60	-13	-50.60	-72.91	-68.47	1.93	6.80	V
	5633.52	-61.51	-13	-48.51	-69.46	-68.81	2.40	9.70	V
	7511.36	-58.18	-13	-45.18	-70.67	-67.23	2.76	11.81	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	3750	-63.10	-13	-50.10	-72.11	-67.96	1.93	6.80	H
	5626.77	-59.04	-13	-46.04	-69.60	-66.34	2.40	9.70	H
	7502.36	-56.15	-13	-43.15	-71.19	-65.20	2.76	11.81	H
	3750	-63.89	-13	-50.89	-73.2	-68.76	1.93	6.80	V
	5626.77	-61.51	-13	-48.51	-69.46	-68.81	2.40	9.70	V
	7502.36	-58.84	-13	-45.84	-71.33	-67.89	2.76	11.81	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	3744	-64.36	-13	-51.36	-73.37	-69.22	1.93	6.80	H
	5620.02	-58.32	-13	-45.32	-68.88	-65.62	2.40	9.70	H
	7493.36	-55.97	-13	-42.97	-71.01	-65.02	2.76	11.81	H
	3744	-64.52	-13	-51.52	-73.83	-69.39	1.93	6.80	V
	5620.02	-61.14	-13	-48.14	-69.09	-68.44	2.40	9.70	V
	7494	-59.44	-13	-46.44	-71.93	-68.49	2.76	11.81	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	3744	-64.50	-13	-51.50	-73.51	-69.36	1.93	6.80	H
	5613.27	-58.38	-13	-45.38	-68.94	-65.68	2.40	9.70	H
	7484.36	-56.43	-13	-43.43	-71.47	-65.48	2.76	11.81	H
	3744	-64.09	-13	-51.09	-73.4	-68.96	1.93	6.80	V
	5613.27	-61.83	-13	-48.83	-69.78	-69.13	2.40	9.70	V
	7484.36	-59.35	-13	-46.35	-71.84	-68.40	2.76	11.81	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	3464.1	-63.48	-13	-50.48	-74.96	-68.36	1.81	6.69	H
	5196.15	-60.30	-13	-47.30	-71.00	-67.25	2.19	9.14	H
	6930	-58.26	-13	-45.26	-70.60	-66.34	2.6	10.68	H
	3462	-63.13	-13	-50.13	-74.88	-68.01	1.81	6.69	V
	5196.15	-61.92	-13	-48.92	-71.42	-68.87	2.19	9.14	V
	6928.2	-57.95	-13	-44.95	-70.46	-66.03	2.6	10.68	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	-62.42	-13	-49.42	-73.90	-67.30	1.81	6.69	H
	5193.99	-60.70	-13	-47.70	-71.40	-67.65	2.19	9.14	H
	6924	-58.51	-13	-45.51	-70.85	-66.59	2.6	10.68	H
	3462	-63.00	-13	-50.00	-74.75	-67.88	1.81	6.69	V
	5196	-61.21	-13	-48.21	-70.71	-68.16	2.19	9.14	V
	6925.32	-58.20	-13	-45.20	-70.71	-66.28	2.6	10.68	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)
Middle	3462	-63.58	-13	-50.58	-75.06	-68.46	1.81	6.69	H
	5190	-59.56	-13	-46.56	-70.26	-66.51	2.19	9.14	H
	6924	-58.39	-13	-45.39	-70.73	-66.47	2.6	10.68	H
	3462	-62.59	-13	-49.59	-74.34	-67.47	1.81	6.69	V
	5190	-60.53	-13	-47.53	-70.03	-67.48	2.19	9.14	V
	6924	-58.29	-13	-45.29	-70.8	-66.37	2.6	10.68	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	-62.80	-13	-49.80	-74.28	-67.68	1.81	6.69	H
	5184	-60.16	-13	-47.16	-70.86	-67.11	2.19	9.14	H
	6912.36	-57.98	-13	-44.98	-70.32	-66.06	2.6	10.68	H
	3456	-62.89	-13	-49.89	-74.64	-67.77	1.81	6.69	V
	5184	-61.19	-13	-48.19	-70.69	-68.14	2.19	9.14	V
	6912	-57.90	-13	-44.90	-70.41	-65.98	2.6	10.68	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	3450	-62.49	-13	-49.49	-73.97	-67.37	1.81	6.69	H
	5178	-59.55	-13	-46.55	-70.25	-66.50	2.19	9.14	H
	6906	-58.50	-13	-45.50	-70.84	-66.58	2.6	10.68	H
	3450	-62.60	-13	-49.60	-74.35	-67.48	1.81	6.69	V
	5178	-60.54	-13	-47.54	-70.04	-67.49	2.19	9.14	V
	6906	-57.94	-13	-44.94	-70.45	-66.02	2.6	10.68	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	3450	-63.21	-13	-50.21	-74.69	-68.09	1.81	6.69	H
	5172	-59.16	-13	-46.16	-69.86	-66.11	2.19	9.14	H
	6894	-58.39	-13	-45.39	-70.73	-66.47	2.6	10.68	H
	3450	-63.22	-13	-50.22	-74.97	-68.10	1.81	6.69	V
	5172	-60.96	-13	-47.96	-70.46	-67.91	2.19	9.14	V
	6894	-58.20	-13	-45.20	-70.71	-66.28	2.6	10.68	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-49.54	-13	-36.54	-51.82	-51.36	1.23	5.20	H
	2507.85	-67.41	-13	-54.41	-72.26	-69.64	1.52	5.90	H
	3343.8	-66.69	-13	-53.69	-74.25	-69.47	1.77	6.70	H
	1672	-52.51	-13	-39.51	-52.36	-54.33	1.23	5.20	V
	2507.85	-66.52	-13	-53.52	-74.82	-68.75	1.52	5.90	V
	3343.8	-65.08	-13	-52.08	-76.18	-67.86	1.77	6.70	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-48.61	-13	-35.61	-51.44	-50.43	1.23	5.20	H
	2505.69	-67.62	-13	-54.62	-72.47	-69.85	1.52	5.90	H
	3340.92	-66.74	-13	-53.74	-74.30	-69.52	1.77	6.70	H
	1672	-47.12	-13	-34.12	-49.43	-48.94	1.23	5.20	V
	2505.69	-64.52	-13	-51.52	-72.82	-66.75	1.52	5.90	V
	3340.92	-63.22	-13	-50.22	-74.32	-66.00	1.77	6.70	V

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

LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-57.71	-13	-44.71	-55.91	-59.53	1.23	5.20	H
	2504	-65.51	-13	-52.51	-70.36	-67.74	1.52	5.90	H
	3337.36	-66.54	-13	-53.54	-74.10	-69.32	1.77	6.70	H
	1672	-52.34	-13	-39.34	-52.30	-54.16	1.23	5.20	V
	2503.02	-61.86	-13	-48.86	-70.16	-64.09	1.52	5.90	V
	3337.36	-63.07	-13	-50.07	-74.17	-65.85	1.77	6.70	V

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



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-55.28	-13	-42.28	-54.34	-57.10	1.23	5.20	H
	2496.27	-66.35	-13	-53.35	-71.20	-68.58	1.52	5.90	H
	3328.36	-66.69	-13	-53.69	-74.25	-69.47	1.77	6.70	H
	1664	-52.40	-13	-39.40	-52.32	-54.22	1.23	5.20	V
	2496.27	-62.35	-13	-49.35	-70.65	-64.58	1.52	5.90	V
	3328.36	-63.01	-13	-50.01	-74.11	-65.79	1.77	6.70	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	1414	-72.26	-13	-59.26	-68.10	-73.16	1.14	4.19	H
	2120	-65.23	-13	-52.23	-64.69	-66.69	1.4	5.01	H
	2828	-70.80	-13	-57.80	-71.44	-73.33	1.63	6.31	H
	1416	-74.65	-13	-61.65	-69.52	-75.55	1.14	4.19	V
	2120	-61.34	-13	-48.34	-59.46	-62.80	1.4	5.01	V
	2828	-69.76	-13	-56.76	-71.88	-72.29	1.63	6.31	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	1412.66	-73.59	-13	-60.59	-69.43	-74.49	1.14	4.19	H
	2120	-60.35	-13	-47.35	-59.81	-61.81	1.4	5.01	H
	2825.32	-70.91	-13	-57.91	-71.55	-73.44	1.63	6.31	H
	1412.66	-74.60	-13	-61.60	-69.47	-75.50	1.14	4.19	V
	2120	-62.35	-13	-49.35	-60.47	-63.81	1.4	5.01	V
	2824	-69.76	-13	-56.76	-71.88	-72.29	1.63	6.31	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	1408	-72.02	-13	-59.02	-67.86	-72.92	1.14	4.19	H
	2112	-63.59	-13	-50.59	-63.05	-65.05	1.4	5.01	H
	2824	-70.99	-13	-57.99	-71.63	-73.52	1.63	6.31	H
	1410.86	-75.18	-13	-62.18	-70.05	-76.08	1.14	4.19	V
	2112	-66.76	-13	-53.76	-64.88	-68.22	1.4	5.01	V
	2821.72	-69.57	-13	-56.57	-71.69	-72.10	1.63	6.31	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	-71.77	-13	-58.77	-67.61	-72.67	1.14	4.19	H
	2112	-55.19	-13	-42.19	-54.65	-56.65	1.4	5.01	H
	2816	-70.64	-13	-57.64	-71.28	-73.17	1.63	6.31	H
	1408	-74.55	-13	-61.55	-69.42	-75.45	1.14	4.19	V
	2112	-57.18	-13	-44.18	-55.3	-58.64	1.4	5.01	V
	2816	-69.44	-13	-56.44	-71.56	-71.97	1.63	6.31	V

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