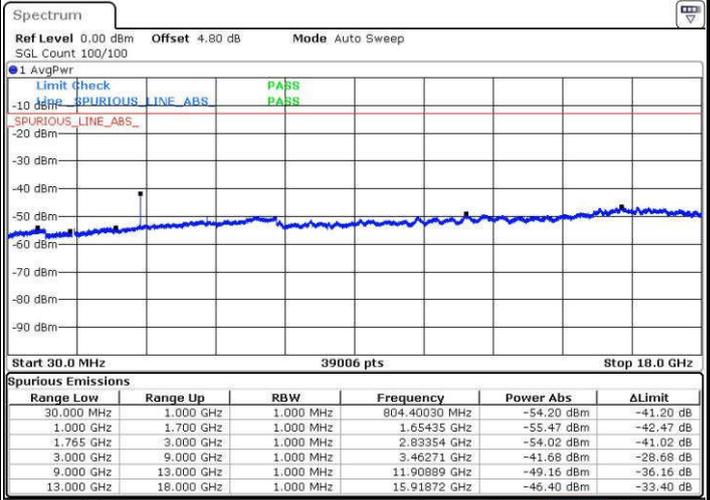
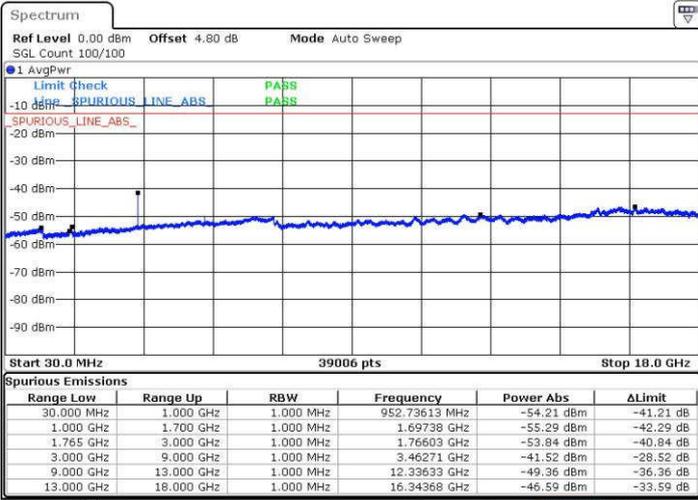




LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

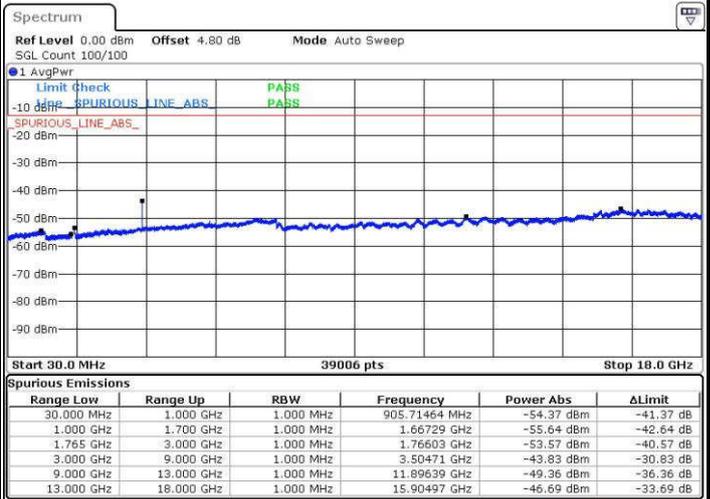
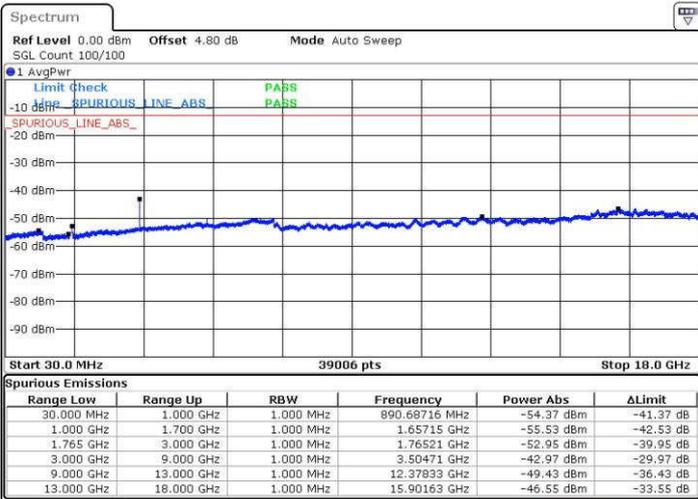


Date: 31.DEC.2016 04:46:06

Date: 31.DEC.2016 04:47:02

Highest Channel / QPSK

Highest Channel / 16QAM



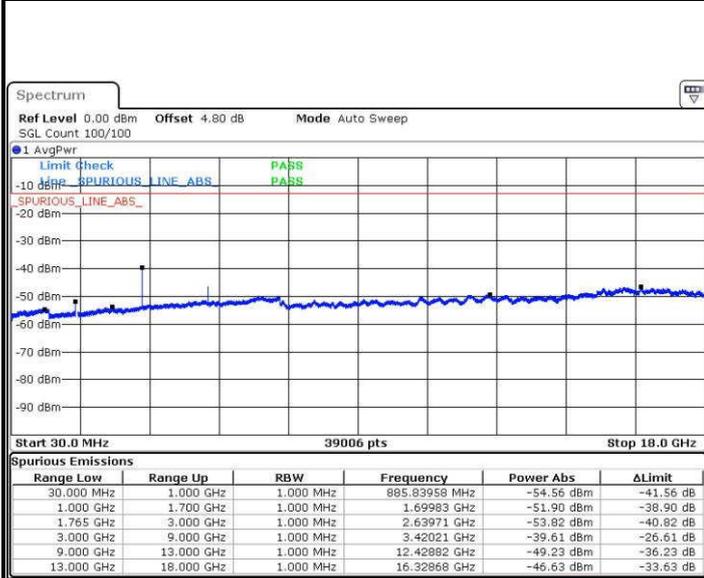
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Date: 31.DEC.2016 04:54:14



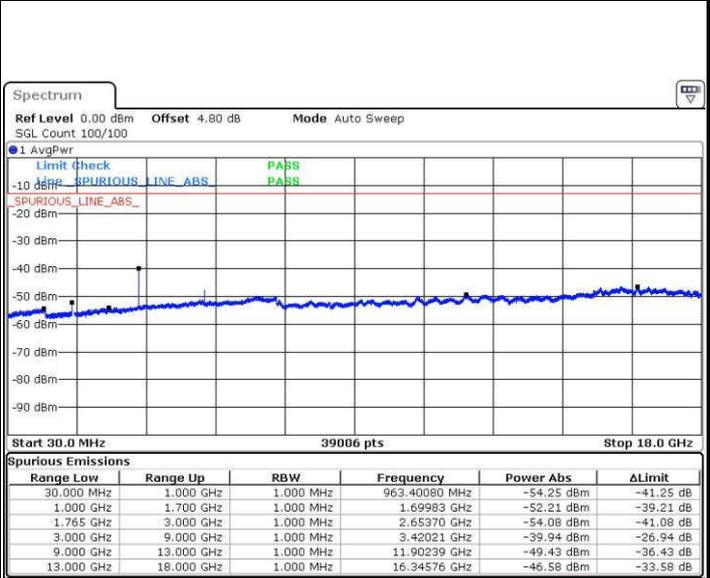
LTE Band 4 / 5MHz

Lowest Channel / QPSK



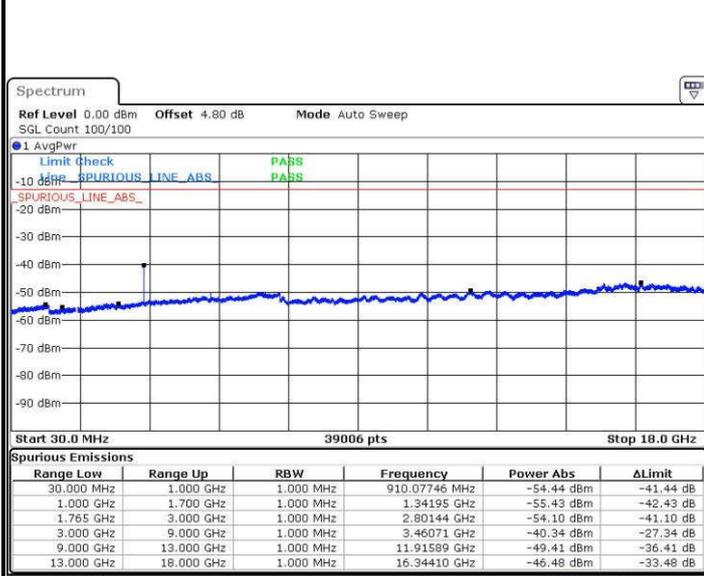
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Lowest Channel / 16QAM



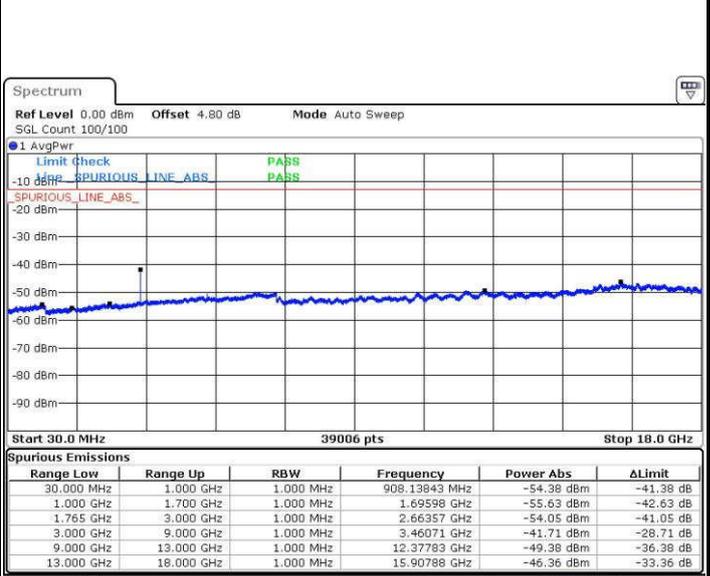
Date: 31.DEC.2016 05:02:06

Middle Channel / QPSK



Date: 31.DEC.2016 05:03:47

Middle Channel / 16QAM

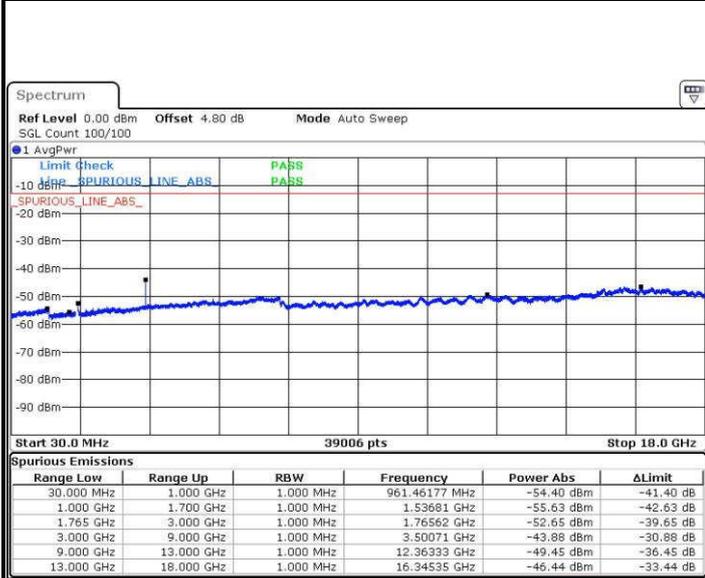


Date: 31.DEC.2016 05:04:43



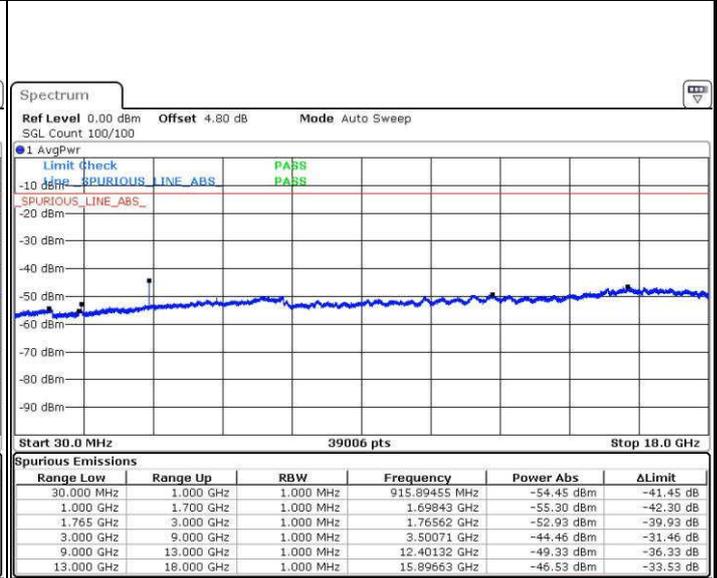
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 31.DEC.2016 05:10:59

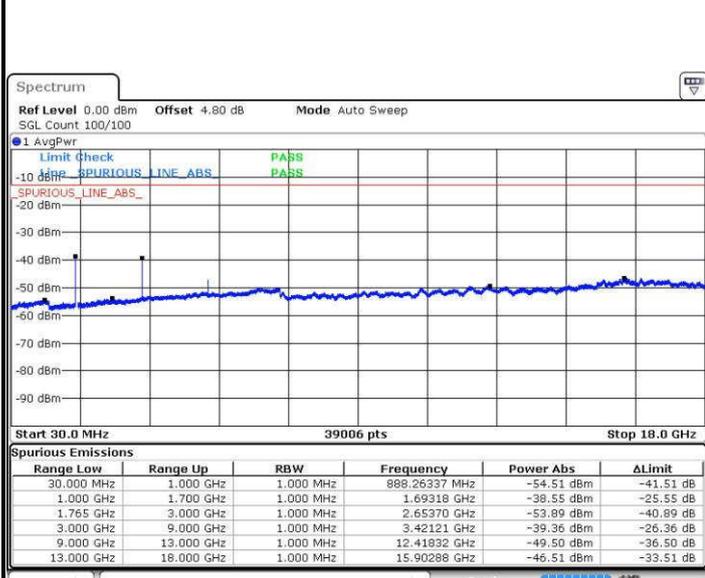
Highest Channel / 16QAM



Date: 31.DEC.2016 05:11:55

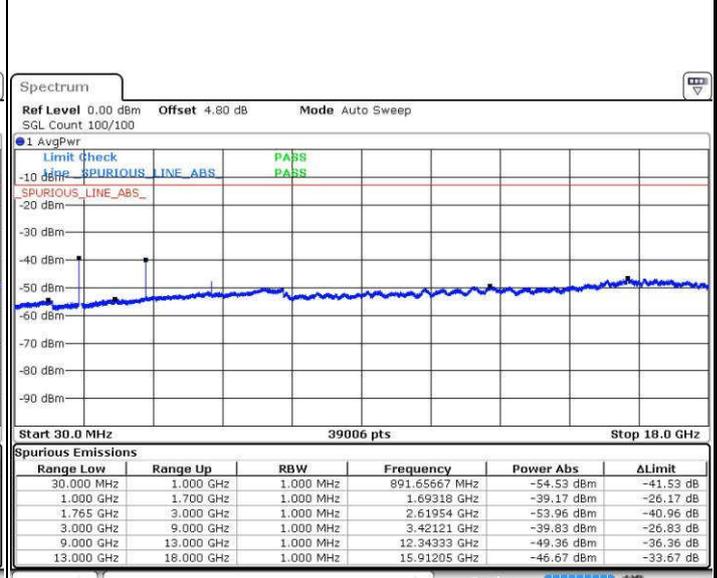
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 31.DEC.2016 05:19:29

Lowest Channel / 16QAM



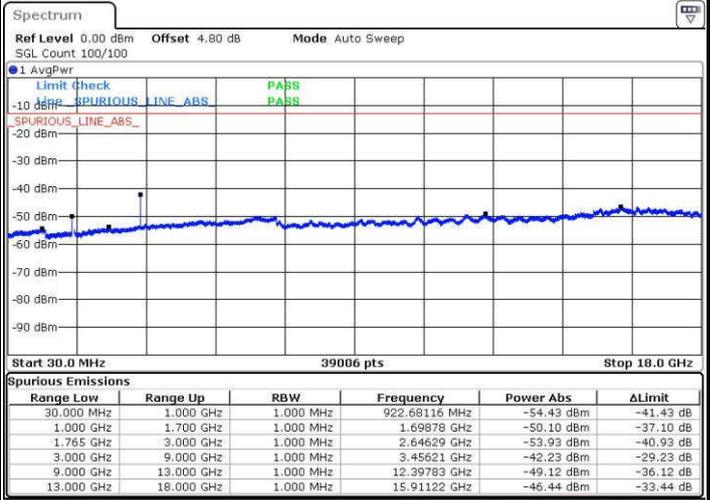
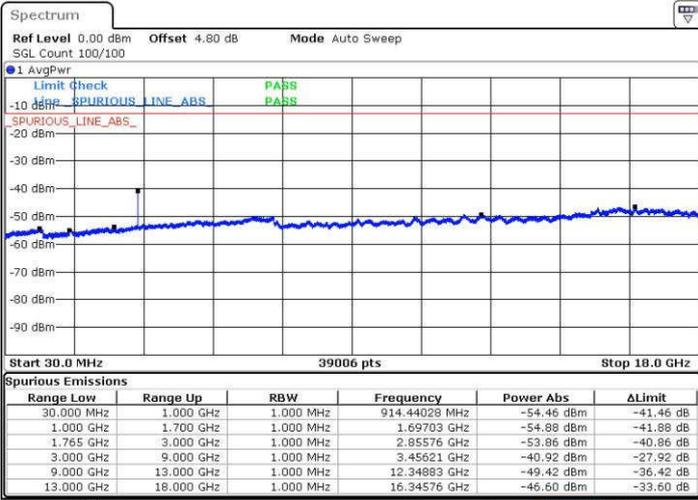
Date: 31.DEC.2016 05:20:26



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

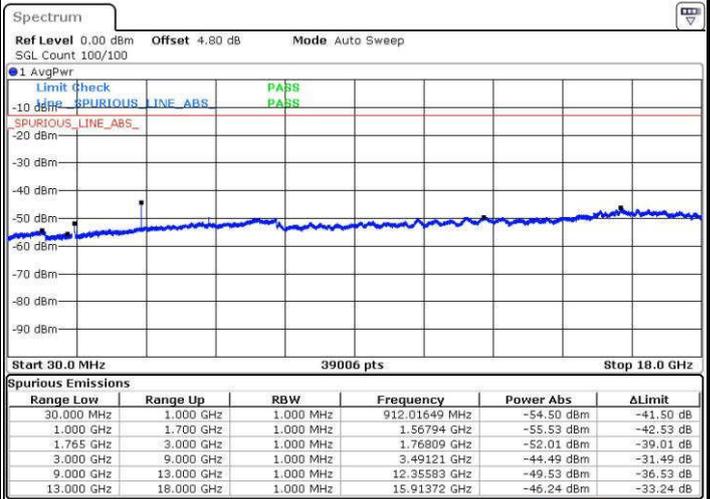
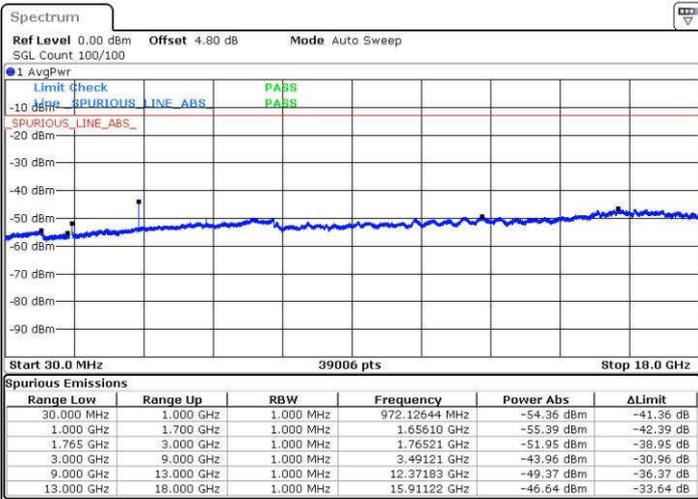


Date: 31.DEC.2016 05:22:07

Date: 31.DEC.2016 05:23:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.DEC.2016 05:29:19

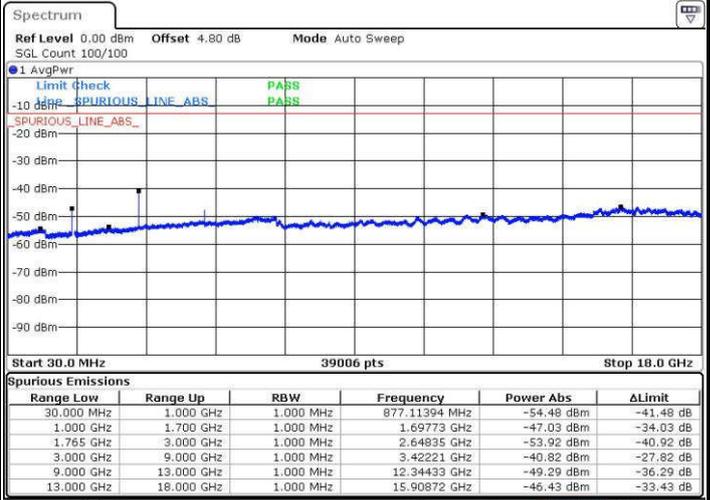
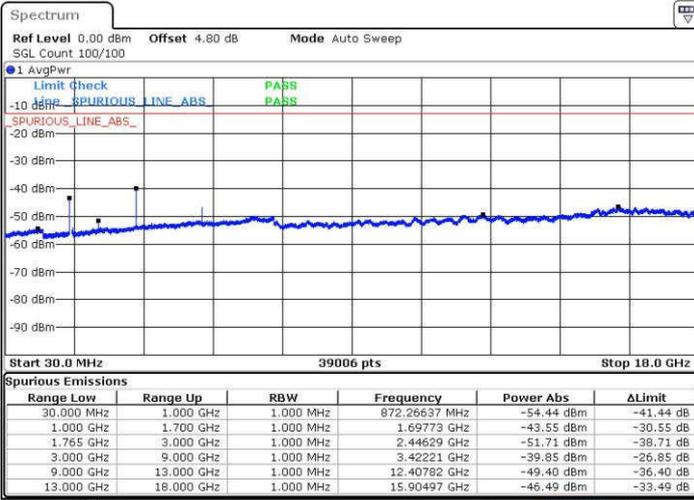
Date: 31.DEC.2016 05:30:16



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

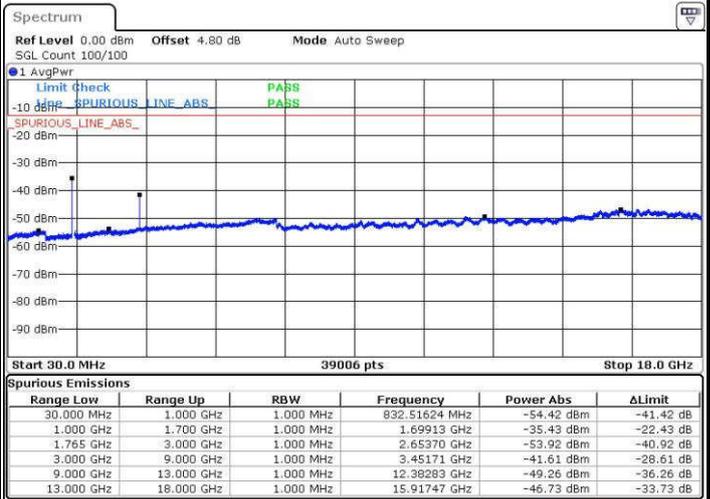
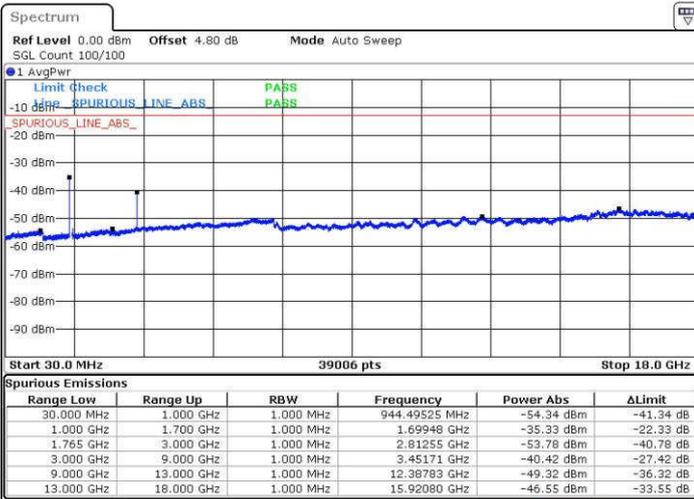


Date: 31.DEC.2016 05:36:55

Date: 31.DEC.2016 05:37:52

Middle Channel / QPSK

Middle Channel / 16QAM



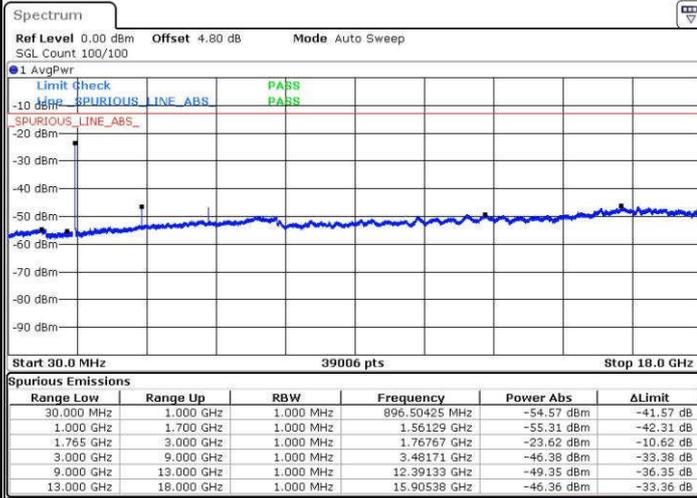
Date: 31.DEC.2016 05:39:33

Date: 31.DEC.2016 05:40:29



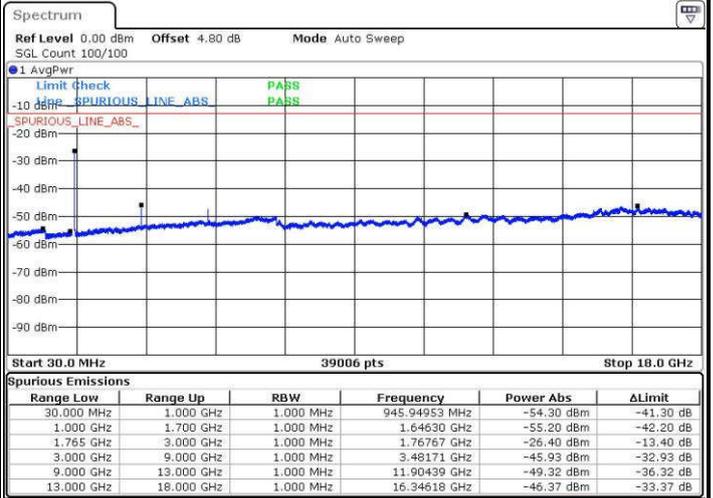
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 31.DEC.2016 05:46:45

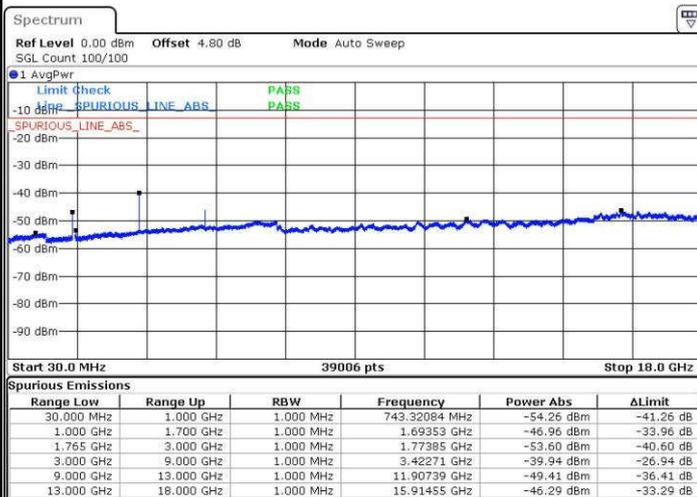
Highest Channel / 16QAM



Date: 31.DEC.2016 05:47:41

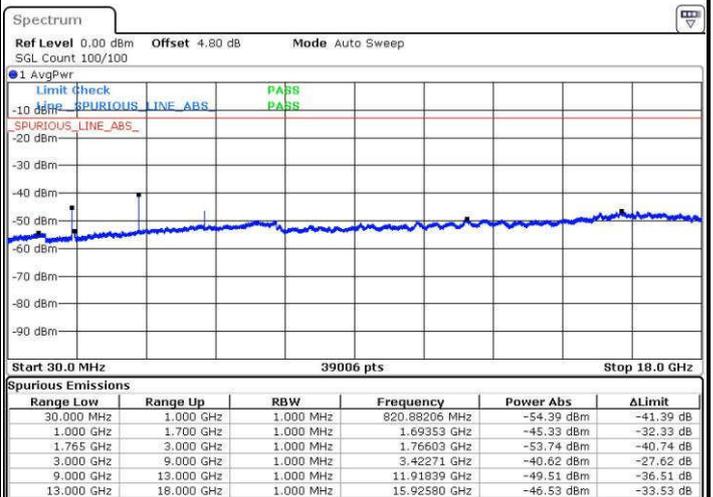
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 31.DEC.2016 05:55:27

Lowest Channel / 16QAM



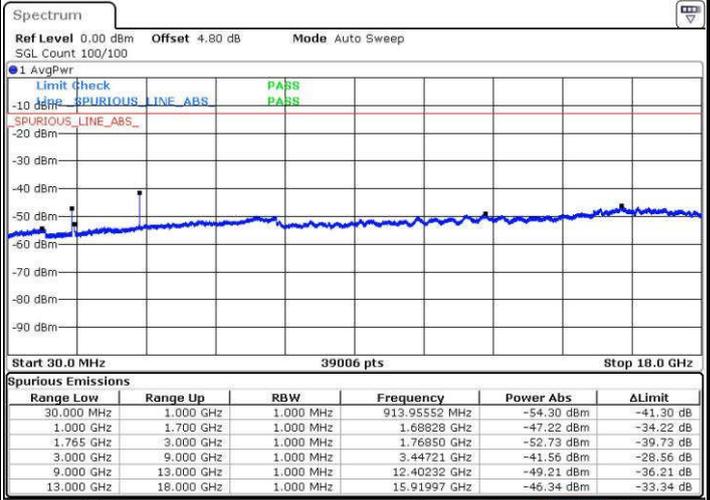
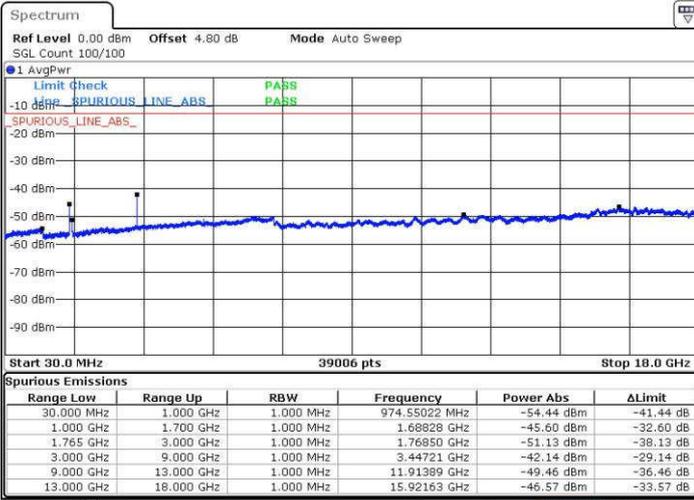
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LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

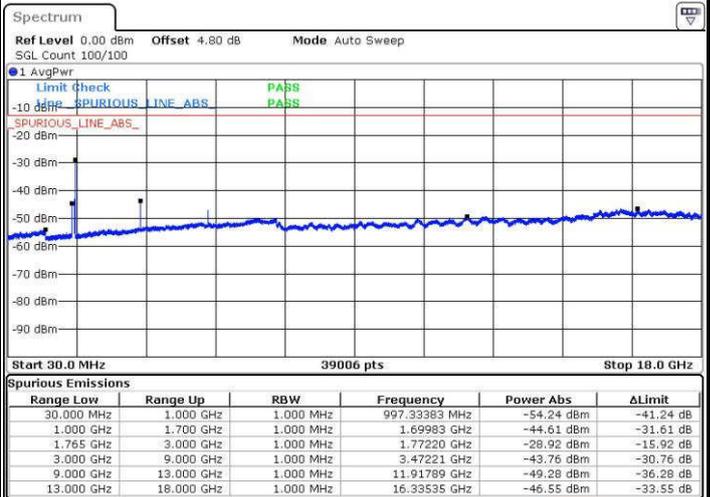
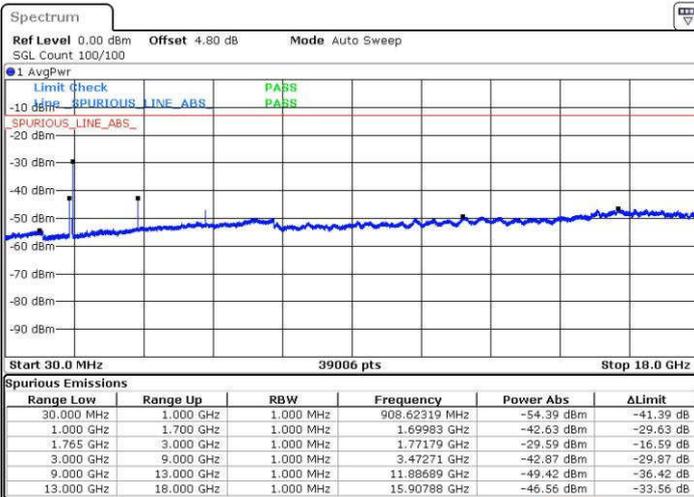


Date: 31.DEC.2016 05:58:04

Date: 31.DEC.2016 05:59:00

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.DEC.2016 06:05:16

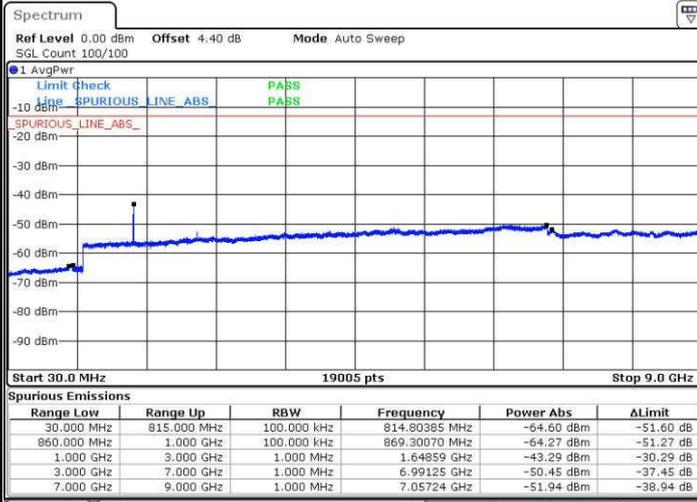
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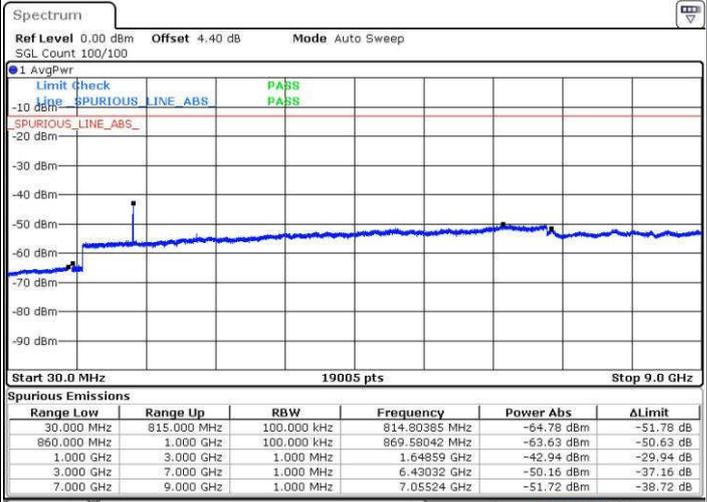
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



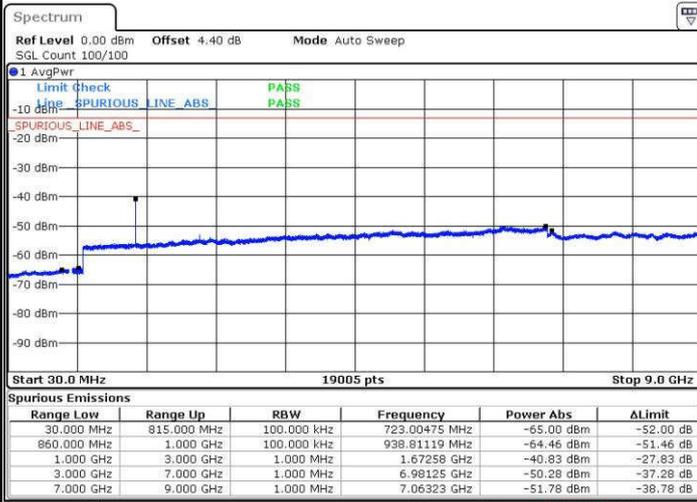
Date: 30 DEC.2016 22:35:46



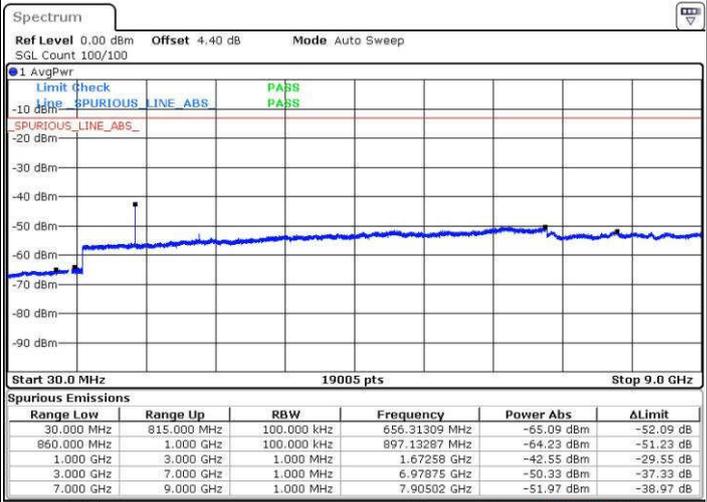
Date: 30 DEC.2016 22:36:42

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 30 DEC.2016 22:38:24

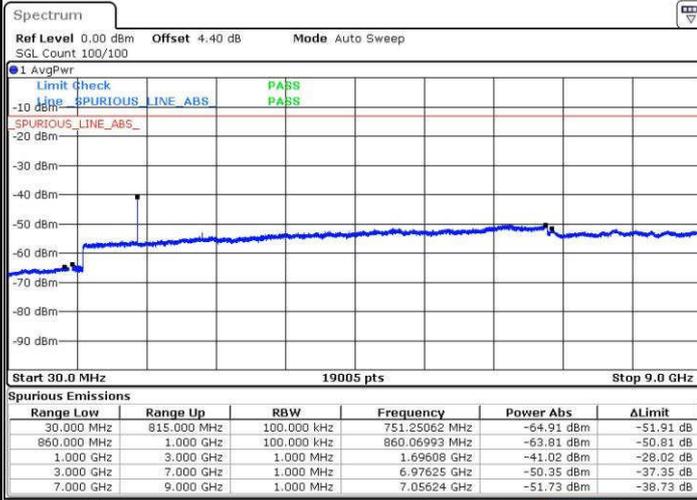


Date: 30 DEC.2016 22:39:20



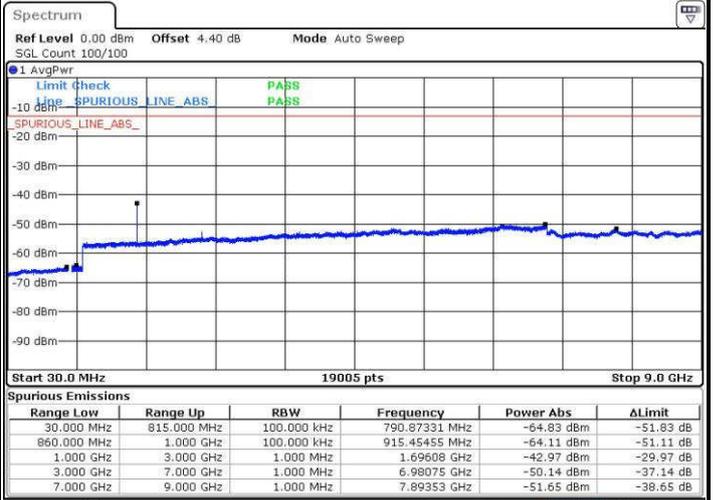
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 30 DEC 2016 22:47:38

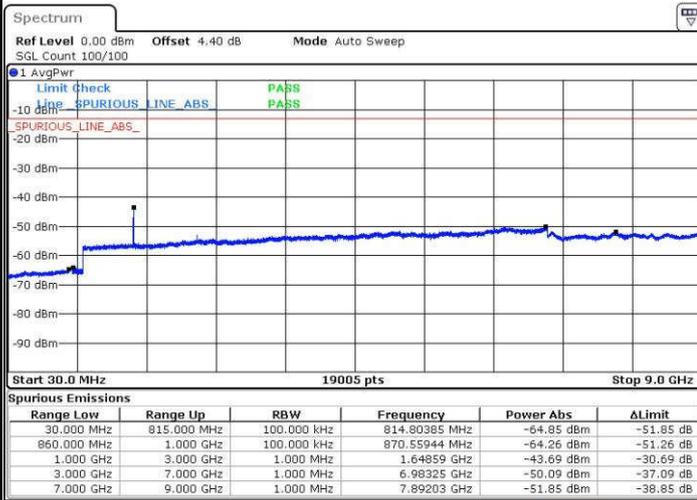
Highest Channel / 16QAM



Date: 30 DEC 2016 22:48:34

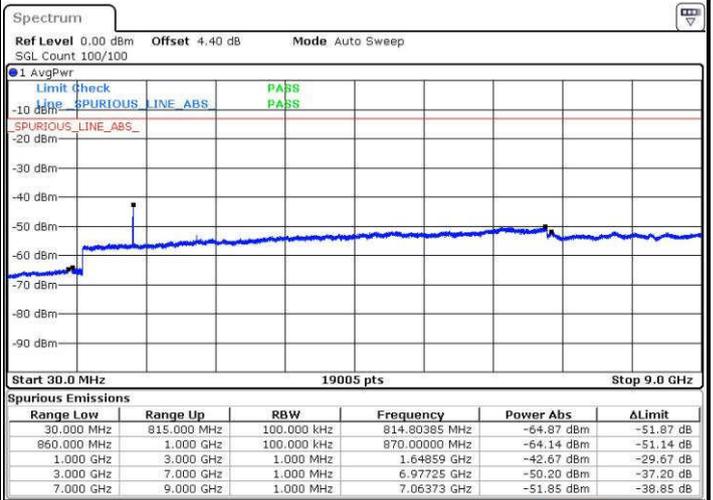
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 30 DEC 2016 23:03:43

Lowest Channel / 16QAM



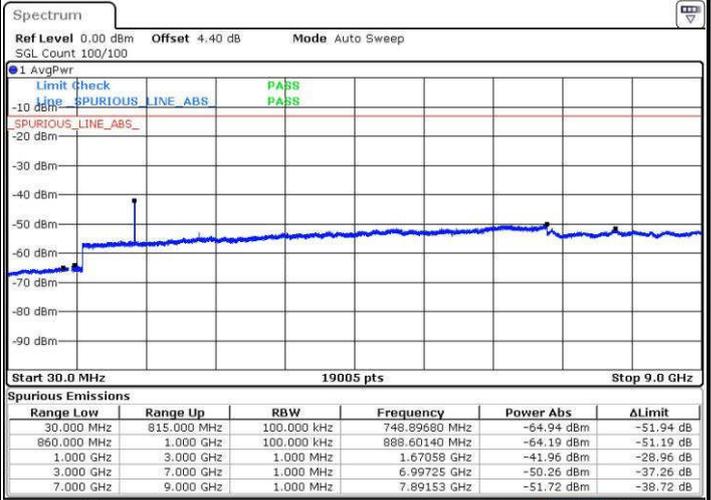
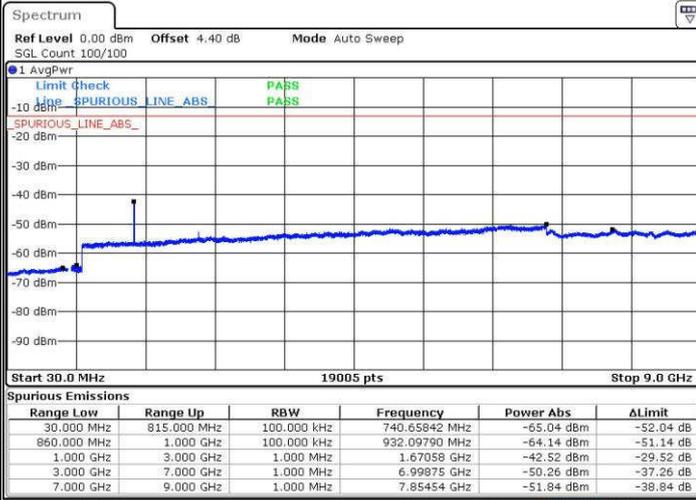
Date: 30 DEC 2016 23:04:39



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

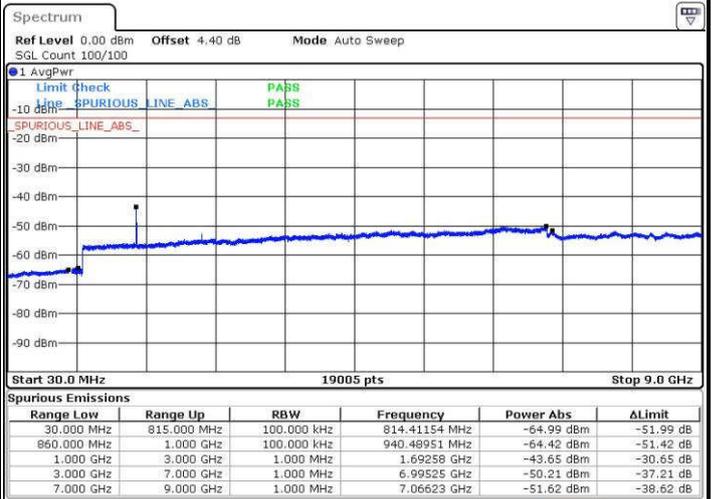
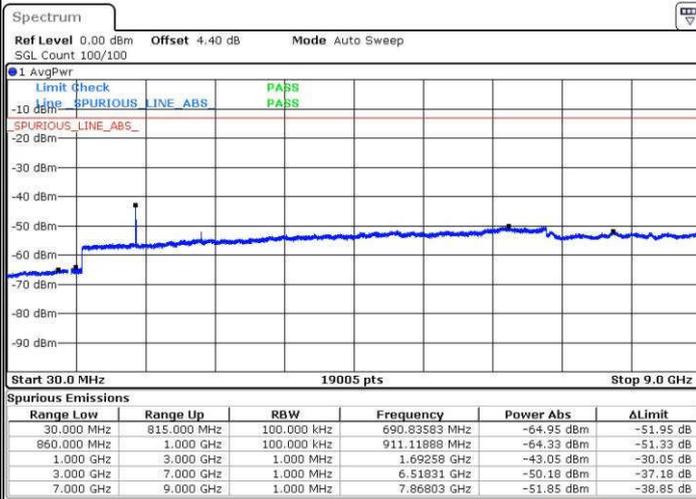


Date: 30 DEC.2016 23:06:20

Date: 30 DEC.2016 23:07:16

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30 DEC.2016 23:15:32

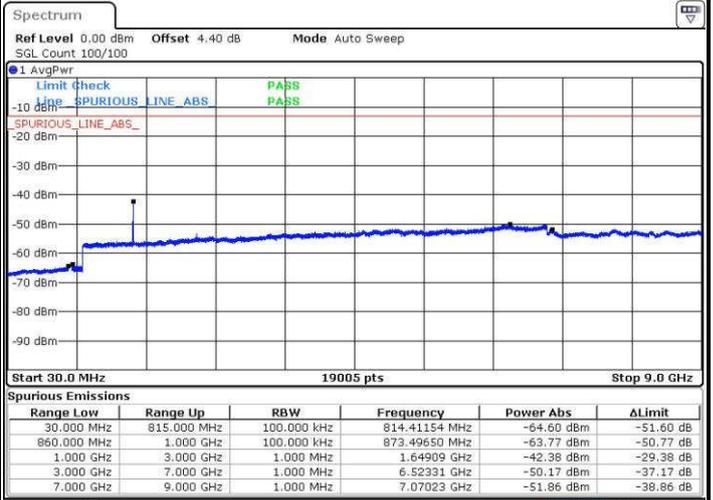
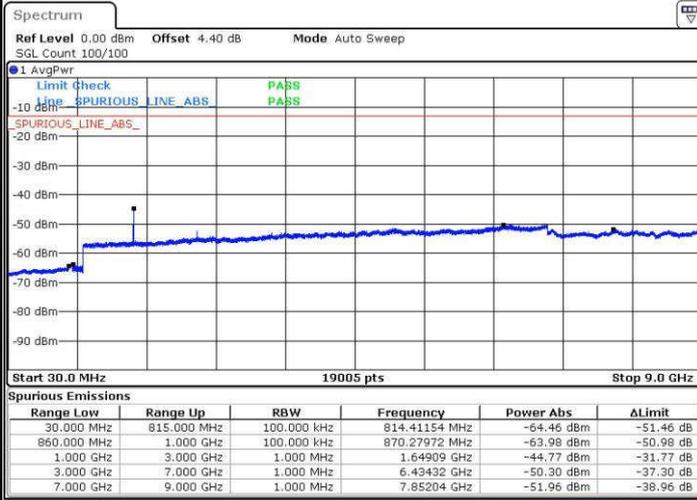
Date: 30 DEC.2016 23:16:29



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

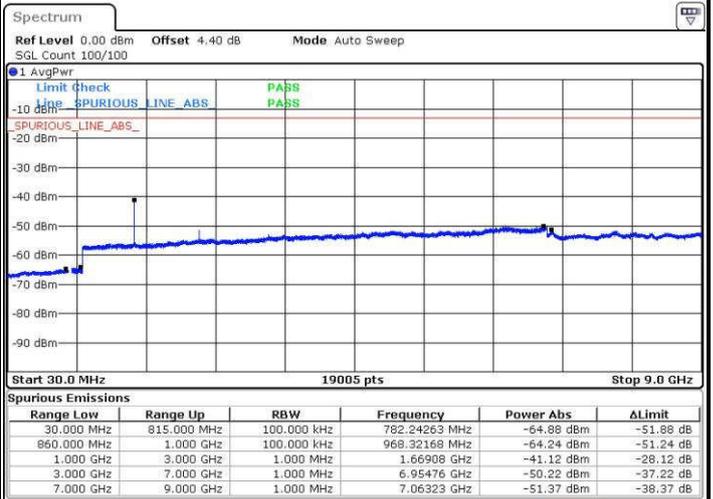
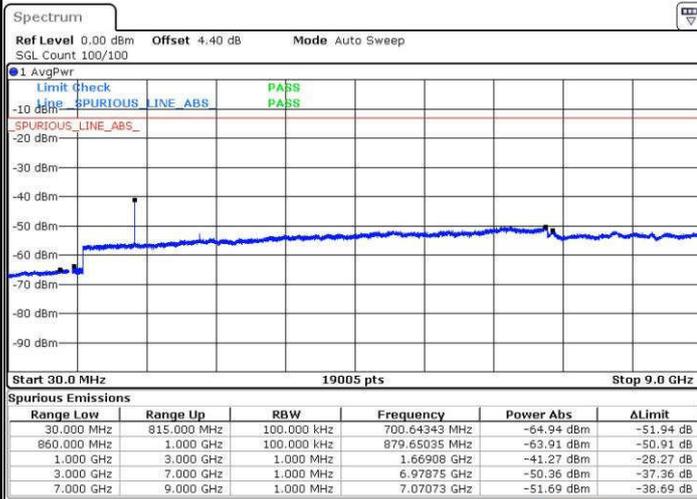


Date: 30 DEC.2016 23:25:07

Date: 30 DEC.2016 23:26:03

Middle Channel / QPSK

Middle Channel / 16QAM



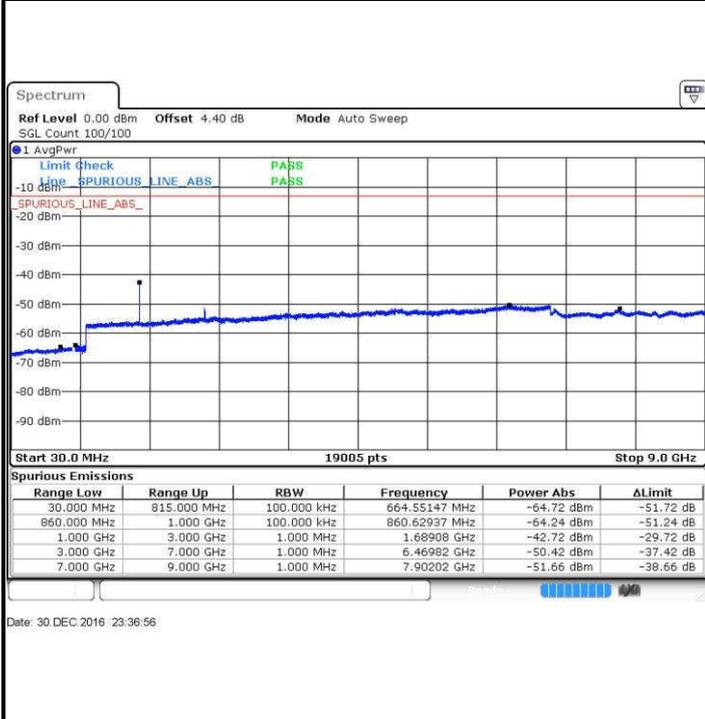
Date: 30 DEC.2016 23:27:43

Date: 30 DEC.2016 23:28:39



LTE Band 5 / 5MHz

Highest Channel / QPSK

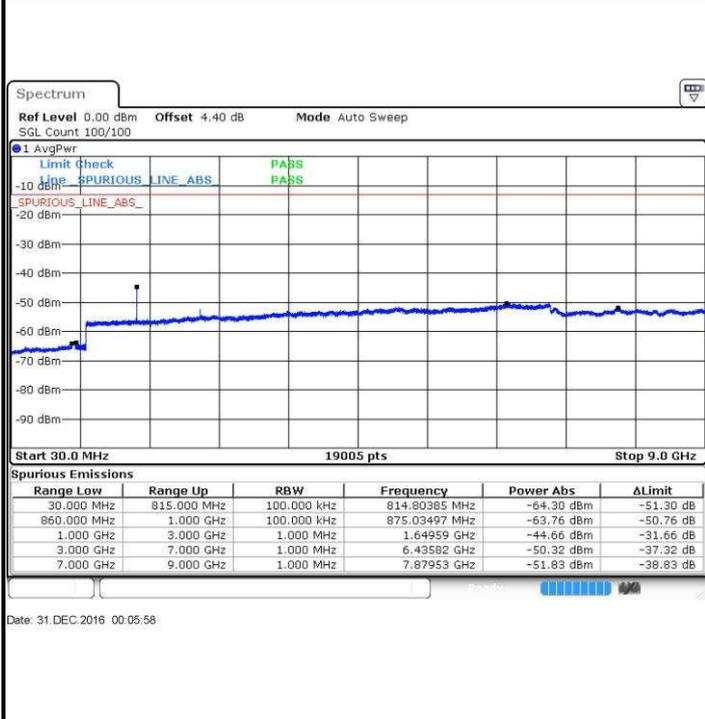


Highest Channel / 16QAM



LTE Band 5 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

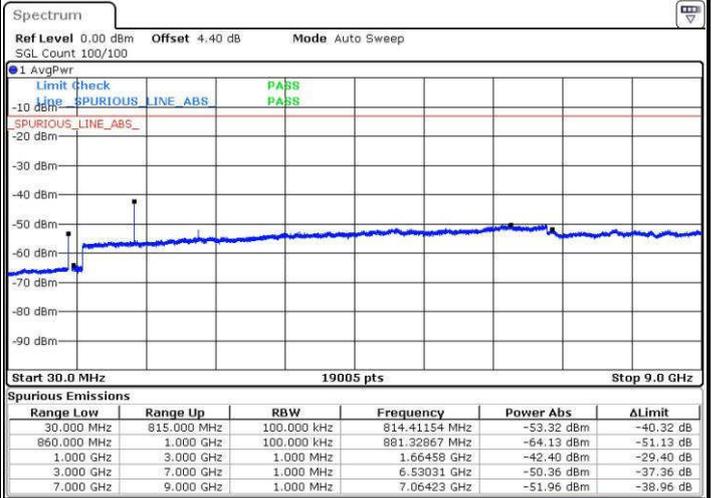
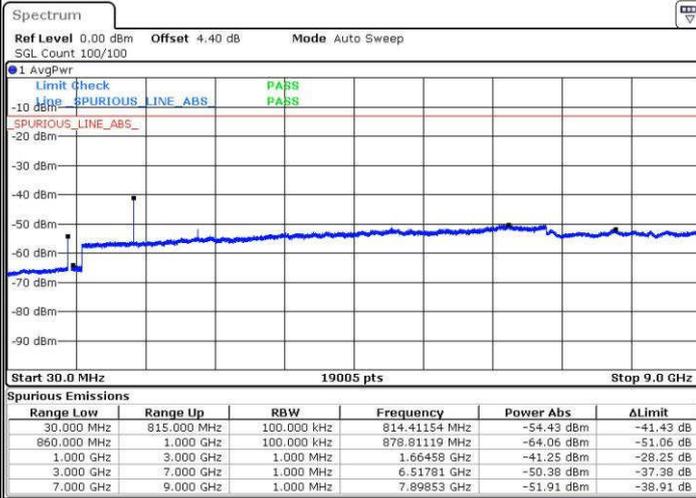




LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

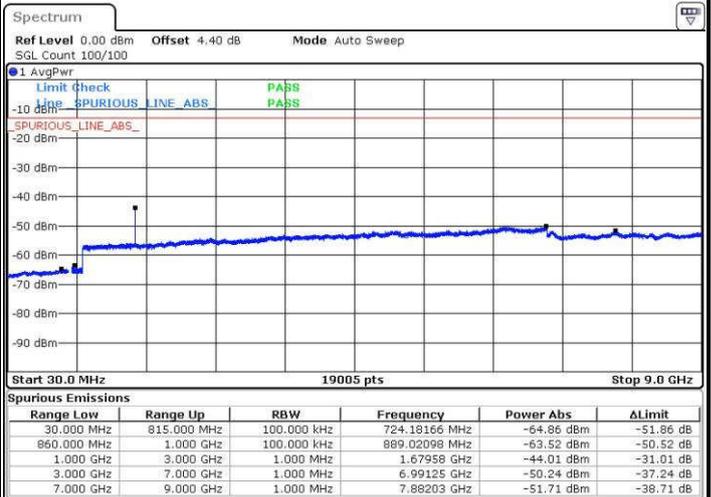
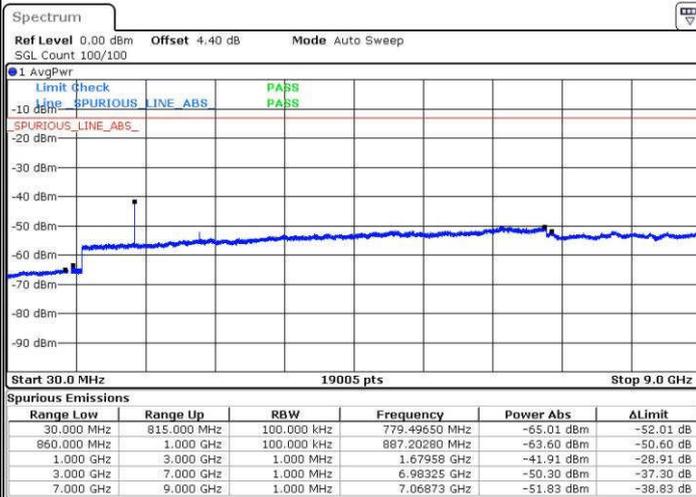


Date: 31.DEC.2016 00:08:35

Date: 31.DEC.2016 00:09:31

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.DEC.2016 00:17:47

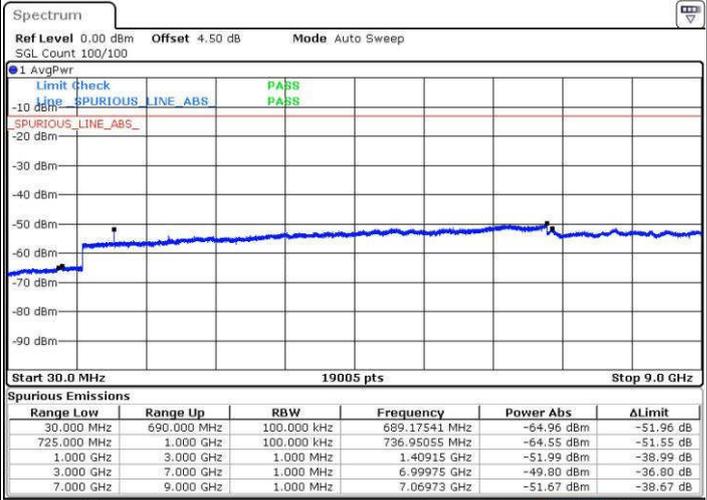
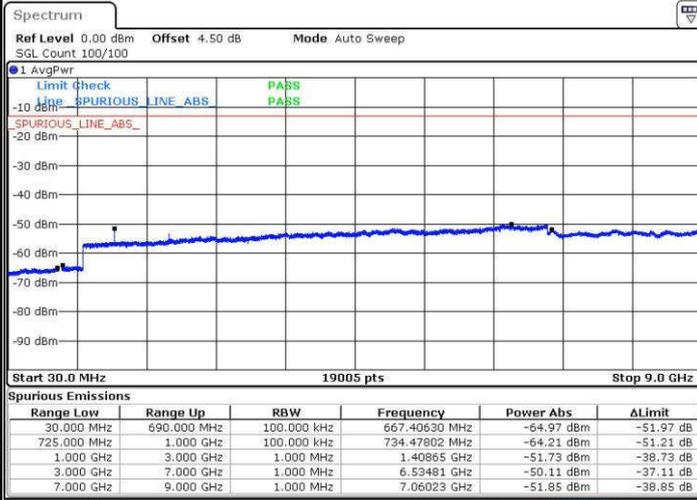
Date: 31.DEC.2016 00:18:43



LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

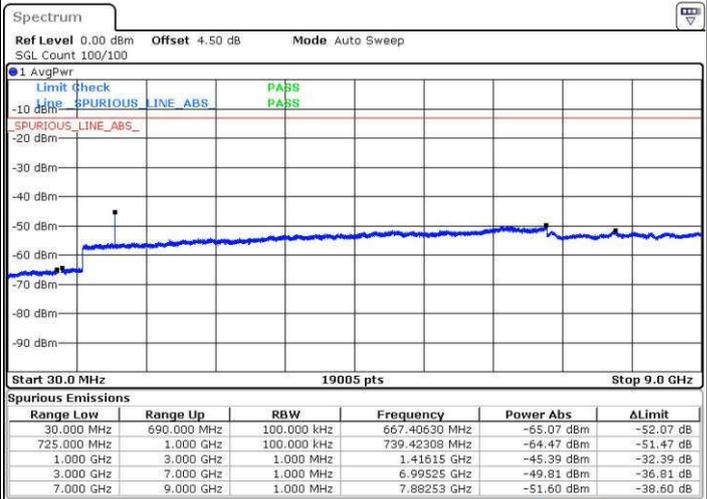
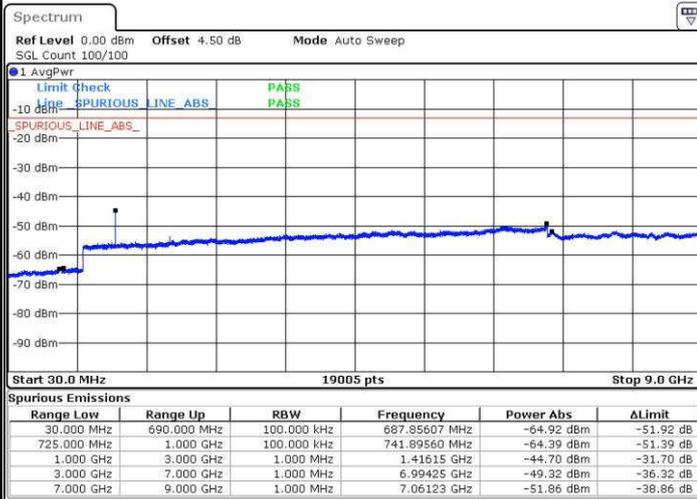


Date: 31.DEC.2016 06:37:22

Date: 31.DEC.2016 06:38:18

Middle Channel / QPSK

Middle Channel / 16QAM



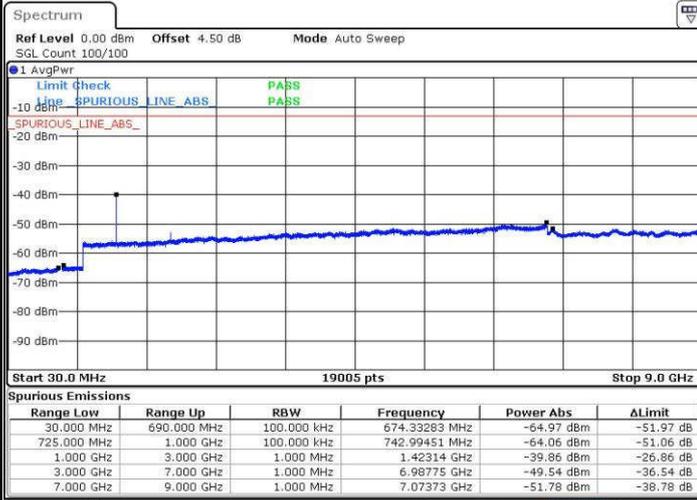
Date: 31.DEC.2016 06:39:59

Date: 31.DEC.2016 06:40:55



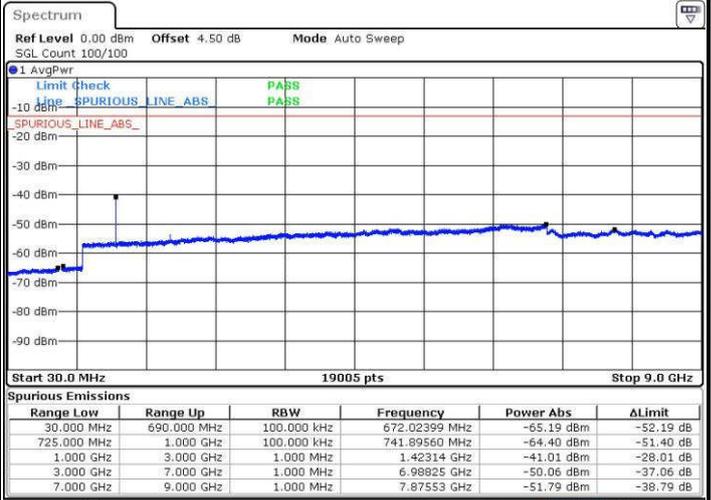
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 31.DEC.2016 06:47:11

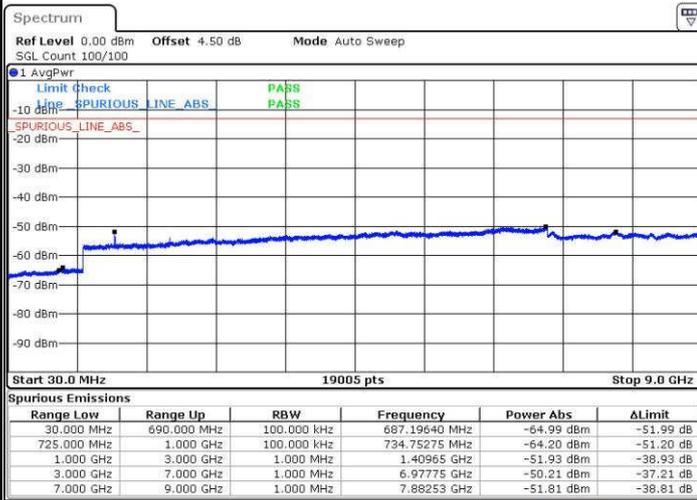
Highest Channel / 16QAM



Date: 31.DEC.2016 06:48:07

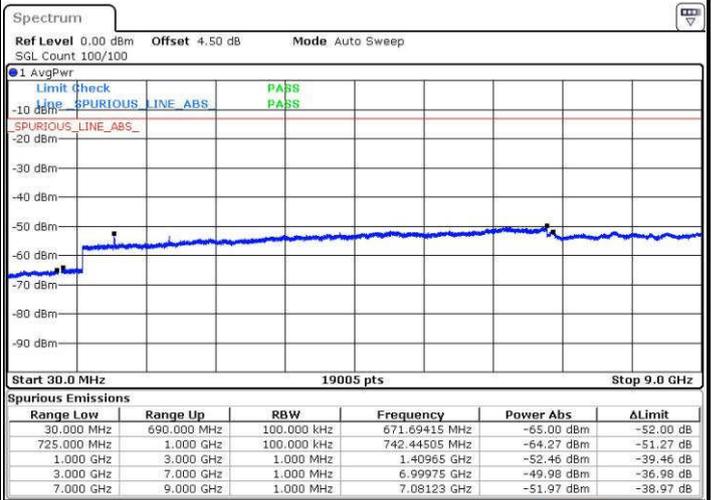
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 31.DEC.2016 06:57:15

Lowest Channel / 16QAM

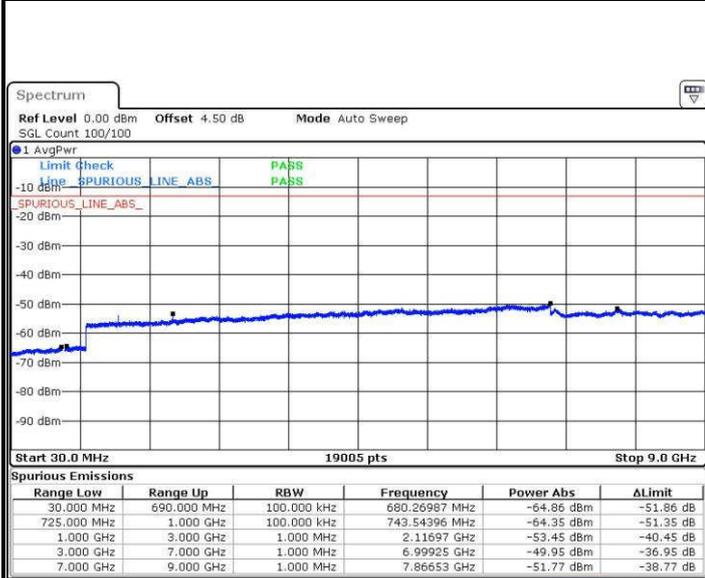


Date: 31.DEC.2016 06:58:11



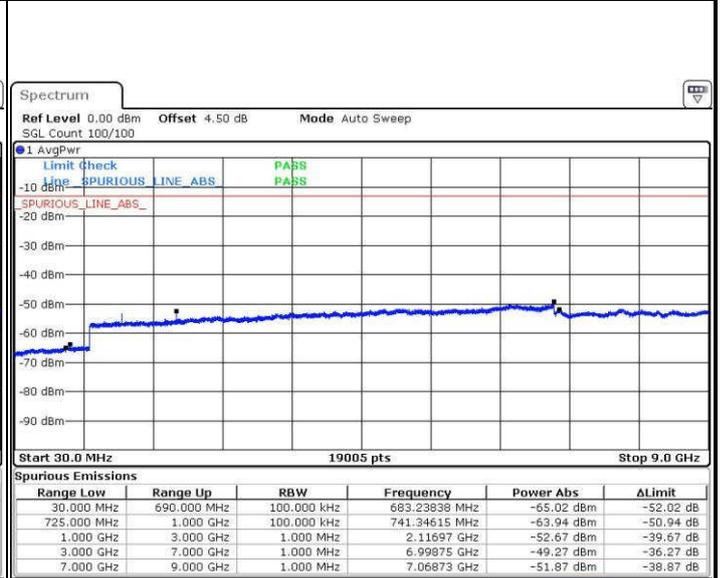
LTE Band 17 / 10MHz

Middle Channel / QPSK



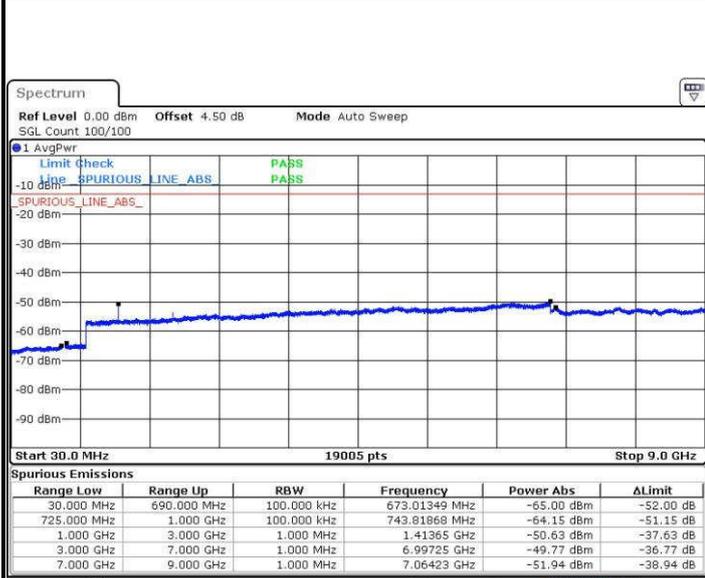
Date: 31.DEC.2016 06:59:53

Middle Channel / 16QAM



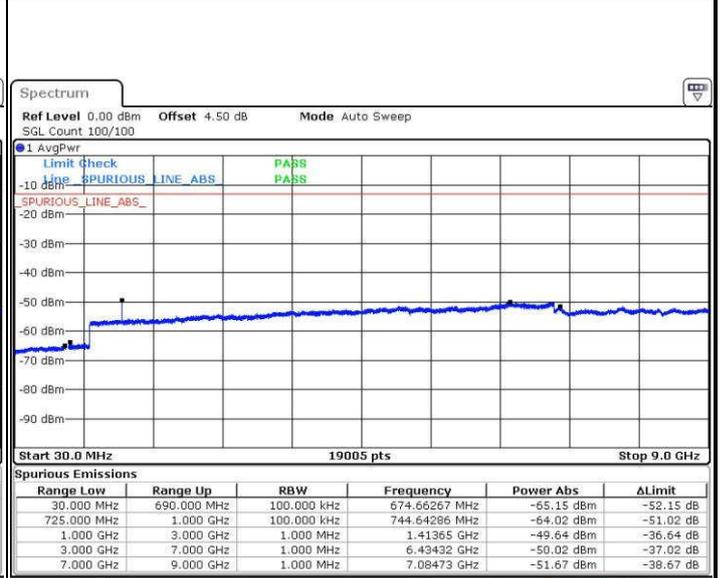
Date: 31.DEC.2016 07:00:48

Highest Channel / QPSK



Date: 31.DEC.2016 07:07:05

Highest Channel / 16QAM



Date: 31.DEC.2016 07:08:01



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	0.0007	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =9 V. ; Battery End Point (BEP) =8.55 V. ; Maximum Voltage =9.45 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	0.0010	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =9 V. ; Battery End Point (BEP) =8.55 V. ; Maximum Voltage =9.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0030	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0020	

Note: Normal Voltage =9 V. ; Battery End Point (BEP) =8.55 V. ; Maximum Voltage =9.45 V.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0045	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage =9 V. ; Battery End Point (BEP) =8.55 V. ; Maximum Voltage =9.45 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)
Lowest	3702	-69.80	-13	-56.80	-73.31	-74.79	1.88	6.87	H
	5550	-62.16	-13	-49.16	-70.35	-69.46	2.38	9.68	H
	7398	-63.64	-13	-50.64	-75.67	-72.71	2.74	11.81	H
	3702	-68.87	-13	-55.87	-72.66	-73.86	1.88	6.87	V
	5550	-51.14	-13	-38.14	-60.28	-58.44	2.38	9.68	V
	7398	-65.58	-13	-52.58	-76.29	-74.65	2.74	11.81	V
Middle	3758	-70.66	-13	-57.66	-74.17	-75.65	1.88	6.87	H
	5640	-54.68	-13	-41.68	-62.87	-61.98	2.38	9.68	H
	7518	-64.22	-13	-51.22	-76.25	-73.29	2.74	11.81	H
	3758	-70.31	-13	-57.31	-74.1	-75.30	1.88	6.87	V
	5640	-52.51	-13	-39.51	-61.08	-59.81	2.38	9.68	V
	7518	-65.62	-13	-52.62	-76.33	-74.69	2.74	11.81	V
Highest	3816	-70.09	-13	-57.09	-73.60	-75.08	1.88	6.87	H
	5724	-56.80	-13	-43.80	-64.99	-64.10	2.38	9.68	H
	7638	-63.91	-13	-50.91	-75.94	-72.98	2.74	11.81	H
	3816	-70.19	-13	-57.19	-73.98	-75.18	1.88	6.87	V
	5724	-59.07	-13	-46.07	-67.64	-66.37	2.38	9.68	V
	7638	-65.57	-13	-52.57	-76.28	-74.64	2.74	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)
Lowest	3702	-68.28	-13	-55.28	-71.79	-73.27	1.88	6.87	H
	5550	-63.90	-13	-50.90	-72.09	-71.20	2.38	9.68	H
	7398	-63.54	-13	-50.54	-75.57	-72.61	2.74	11.81	H
	3702	-69.54	-13	-56.54	-73.33	-74.53	1.88	6.87	V
	5550	-61.39	-13	-48.39	-69.96	-68.69	2.38	9.68	V
	7398	-65.23	-13	-52.23	-75.94	-74.30	2.74	11.81	V
Middle	3757	-68.63	-13	-55.63	-72.14	-73.62	1.88	6.87	H
	5637	-61.27	-13	-48.27	-69.46	-68.57	2.38	9.68	H
	7512	-64.11	-13	-51.11	-76.14	-73.18	2.74	11.81	H
	3757	-69.46	-13	-56.46	-73.25	-74.45	1.88	6.87	V
	5634	-65.65	-13	-52.65	-74.22	-72.95	2.38	9.68	V
	7512	-65.61	-13	-52.61	-76.32	-74.68	2.74	11.81	V
Highest	3816	-69.57	-13	-56.57	-73.08	-74.56	1.88	6.87	H
	5724	-58.16	-13	-45.16	-66.35	-65.46	2.38	9.68	H
	7626	-64.47	-13	-51.47	-76.50	-73.54	2.74	11.81	H
	3816	-69.63	-13	-56.63	-73.42	-74.62	1.88	6.87	V
	5724	-57.86	-13	-44.86	-66.43	-65.16	2.38	9.68	V
	7626	-65.31	-13	-52.31	-76.02	-74.38	2.74	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)
Lowest	3702	-67.41	-13	-54.41	-70.92	-72.40	1.88	6.87	H
	5550	-52.03	-13	-39.03	-60.22	-59.33	2.38	9.68	H
	7404	-64.02	-13	-51.02	-76.05	-73.09	2.74	11.81	H
	3702	-67.69	-13	-54.69	-71.48	-72.68	1.88	6.87	V
	5550	-52.17	-13	-39.17	-60.74	-59.47	2.38	9.68	V
	7404	-65.03	-13	-52.03	-75.74	-74.10	2.74	11.81	V
Middle	3756	-66.16	-13	-53.16	-69.67	-71.15	1.88	6.87	H
	5634	-53.38	-13	-40.38	-61.57	-60.68	2.38	9.68	H
	7512	-64.21	-13	-51.21	-76.24	-73.28	2.74	11.81	H
	3756	-68.00	-13	-55.00	-71.79	-72.99	1.88	6.87	V
	5634	-45.56	-13	-32.56	-58.23	-52.86	2.38	9.68	V
	7512	-65.82	-13	-52.82	-76.53	-74.89	2.74	11.81	V
Highest	3810	-68.62	-13	-55.62	-72.13	-73.61	1.88	6.87	H
	5718	-50.97	-13	-37.97	-60.08	-58.27	2.38	9.68	H
	7620	-63.84	-13	-50.84	-75.87	-72.91	2.74	11.81	H
	3810	-69.07	-13	-56.07	-72.86	-74.06	1.88	6.87	V
	5718	-54.55	-13	-41.55	-63.12	-61.85	2.38	9.68	V
	7620	-65.84	-13	-52.84	-76.55	-74.91	2.74	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)
Lowest	3702	-68.07	-13	-55.07	-71.58	-73.06	1.88	6.87	H
	5550	-53.64	-13	-40.64	-61.83	-60.94	2.38	9.68	H
	7404	-63.41	-13	-50.41	-75.44	-72.48	2.74	11.81	H
	3702	-68.46	-13	-55.46	-72.25	-73.45	1.88	6.87	V
	5550	-52.09	-13	-39.09	-60.66	-59.39	2.38	9.68	V
	7404	-65.42	-13	-52.42	-76.13	-74.49	2.74	11.81	V
Middle	3750	-69.10	-13	-56.10	-72.61	-74.09	1.88	6.87	H
	5628	-56.24	-13	-43.24	-64.43	-63.54	2.38	9.68	H
	7502	-64.31	-13	-51.31	-76.34	-73.38	2.74	11.81	H
	3750	-68.93	-13	-55.93	-72.72	-73.92	1.88	6.87	V
	5628	-53.51	-13	-40.51	-62.08	-60.81	2.38	9.68	V
	7502	-66.02	-13	-53.02	-76.73	-75.09	2.74	11.81	V
Highest	3804	-71.00	-13	-58.00	-74.51	-75.99	1.88	6.87	H
	5700	-59.00	-13	-46.00	-67.19	-66.30	2.38	9.68	H
	7602	-63.93	-13	-50.93	-75.96	-73.00	2.74	11.81	H
	3804	-70.49	-13	-57.49	-74.28	-75.48	1.88	6.87	V
	5700	-59.59	-13	-46.59	-68.16	-66.89	2.38	9.68	V
	7602	-65.25	-13	-52.25	-75.96	-74.32	2.74	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)
Lowest	3702	-68.45	-13	-55.45	-71.96	-73.44	1.88	6.87	H
	5550	-60.50	-13	-47.50	-68.69	-67.80	2.38	9.68	H
	7404	-62.37	-13	-49.37	-74.40	-71.44	2.74	11.81	H
	3702	-68.67	-13	-55.67	-72.46	-73.66	1.88	6.87	V
	5550	-53.15	-13	-40.15	-61.72	-60.45	2.38	9.68	V
	7404	-65.13	-13	-52.13	-75.84	-74.20	2.74	11.81	V
Middle	3744	-66.01	-13	-53.01	-69.52	-71.00	1.88	6.87	H
	5622	-56.06	-13	-43.06	-64.25	-63.36	2.38	9.68	H
	7494	-63.80	-13	-50.80	-75.83	-72.87	2.74	11.81	H
	3744	-70.01	-13	-57.01	-73.8	-75.00	1.88	6.87	V
	5622	-53.53	-13	-40.53	-62.1	-60.83	2.38	9.68	V
	7494	-65.47	-13	-52.47	-76.18	-74.54	2.74	11.81	V
Highest	3792	-69.32	-13	-56.32	-72.83	-74.31	1.88	6.87	H
	5688	-64.23	-13	-51.23	-72.42	-71.53	2.38	9.68	H
	7584	-63.69	-13	-50.69	-75.72	-72.76	2.74	11.81	H
	3792	-70.67	-13	-57.67	-74.46	-75.66	1.88	6.87	V
	5688	-63.26	-13	-50.26	-71.83	-70.56	2.38	9.68	V
	7584	-65.10	-13	-52.10	-75.81	-74.17	2.74	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)
Lowest	3702	-70.02	-13	-57.02	-73.53	-75.01	1.88	6.87	H
	5550	-64.41	-13	-51.41	-72.60	-71.71	2.38	9.68	H
	7404	-61.82	-13	-48.82	-73.85	-70.89	2.74	11.81	H
	3702	-68.73	-13	-55.73	-72.52	-73.72	1.88	6.87	V
	5550	-61.30	-13	-48.30	-69.87	-68.60	2.38	9.68	V
	7404	-65.10	-13	-52.10	-75.81	-74.17	2.74	11.81	V
Middle	3744	-67.51	-13	-54.51	-71.02	-72.50	1.88	6.87	H
	5610	-57.61	-13	-44.61	-65.80	-64.91	2.38	9.68	H
	7484	-64.34	-13	-51.34	-76.37	-73.41	2.74	11.81	H
	3744	-70.07	-13	-57.07	-73.86	-75.06	1.88	6.87	V
	5610	-55.68	-13	-42.68	-64.25	-62.98	2.38	9.68	V
	7484	-65.58	-13	-52.58	-76.29	-74.65	2.74	11.81	V
Highest	3780	-70.59	-13	-57.59	-74.10	-75.58	1.88	6.87	H
	5670	-56.06	-13	-43.06	-64.25	-63.36	2.38	9.68	H
	7566	-63.26	-13	-50.26	-75.29	-72.33	2.74	11.81	H
	3780	-69.72	-13	-56.72	-73.51	-74.71	1.88	6.87	V
	5670	-64.67	-13	-51.67	-73.24	-71.97	2.38	9.68	V
	7566	-64.76	-13	-51.76	-75.47	-73.83	2.74	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)
Lowest	3420	-61.63	-13	-48.63	-70.53	-65.60	4.87	8.84	H
	5130	-59.51	-13	-46.51	-70.44	-60.95	7.70	9.14	H
	6840	-53.25	-13	-40.25	-71.72	-54.93	8.98	10.66	H
	3420	-58.57	-13	-45.57	-70.19	-62.54	4.87	8.84	V
	5130	-56.87	-13	-43.87	-70.92	-58.31	7.70	9.14	V
	6840	-52.61	-13	-39.61	-70.63	-54.29	8.98	10.66	V
Middle	3465	-60.13	-13	-47.13	-69.03	-64.10	4.87	8.84	H
	5196	-63.53	-13	-50.53	-74.46	-64.97	7.70	9.14	H
	6927	-55.74	-13	-42.74	-74.21	-57.42	8.98	10.66	H
	3465	-56.35	-13	-43.35	-67.97	-60.32	4.87	8.84	V
	5196	-59.57	-13	-46.57	-73.62	-61.01	7.70	9.14	V
	6927	-55.42	-13	-42.42	-73.44	-57.10	8.98	10.66	V
Highest	3507	-65.17	-13	-52.17	-74.07	-69.14	4.87	8.84	H
	5262	-61.21	-13	-48.21	-72.14	-62.65	7.70	9.14	H
	7014	-56.32	-13	-43.32	-74.79	-58.00	8.98	10.66	H
	3507	-62.87	-13	-49.87	-74.49	-66.84	4.87	8.84	V
	5262	-57.28	-13	-44.28	-71.33	-58.72	7.70	9.14	V
	7014	-53.64	-13	-40.64	-71.66	-55.32	8.98	10.66	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)
Lowest	3420	-63.17	-13	-50.17	-72.07	-67.14	4.87	8.84	H
	5130	-59.72	-13	-46.72	-70.65	-61.16	7.70	9.14	H
	6840	-54.52	-13	-41.52	-72.99	-56.20	8.98	10.66	H
	3420	-58.30	-13	-45.30	-69.92	-62.27	4.87	8.84	V
	5130	-57.34	-13	-44.34	-71.39	-58.78	7.70	9.14	V
	6840	-54.78	-13	-41.78	-72.8	-56.46	8.98	10.66	V
Middle	3462	-58.62	-13	-45.62	-67.52	-62.59	4.87	8.84	H
	5194	-63.75	-13	-50.75	-74.68	-65.19	7.70	9.14	H
	6924	-56.52	-13	-43.52	-74.99	-58.20	8.98	10.66	H
	3462	-55.88	-13	-42.88	-67.5	-59.85	4.87	8.84	V
	5193	-60.92	-13	-47.92	-74.97	-62.36	7.70	9.14	V
	6924	-53.48	-13	-40.48	-71.5	-55.16	8.98	10.66	V
Highest	3504	-64.77	-13	-51.77	-73.67	-68.74	4.87	8.84	H
	5256	-61.40	-13	-48.40	-72.33	-62.84	7.70	9.14	H
	7008	-56.42	-13	-43.42	-74.89	-58.10	8.98	10.66	H
	3504.48	-61.97	-13	-48.97	-73.59	-65.94	4.87	8.84	V
	5256	-57.46	-13	-44.46	-71.51	-58.90	7.70	9.14	V
	7008	-54.74	-13	-41.74	-72.76	-56.42	8.98	10.66	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)
Lowest	3420	-62.74	-13	-49.74	-71.64	-66.71	4.87	8.84	H
	5130	-60.30	-13	-47.30	-71.23	-61.74	7.70	9.14	H
	6840	-54.96	-13	-41.96	-73.43	-56.64	8.98	10.66	H
	3420	-59.24	-13	-46.24	-70.86	-63.21	4.87	8.84	V
	5130	-56.46	-13	-43.46	-70.51	-57.90	7.70	9.14	V
	6840	-53.71	-13	-40.71	-71.73	-55.39	8.98	10.66	V
Middle	3459	-61.19	-13	-48.19	-70.09	-65.16	4.87	8.84	H
	5190	-62.23	-13	-49.23	-73.16	-63.67	7.70	9.14	H
	6921	-55.84	-13	-42.84	-74.31	-57.52	8.98	10.66	H
	3459	-56.43	-13	-43.43	-68.05	-60.40	4.87	8.84	V
	5190	-58.60	-13	-45.60	-72.65	-60.04	7.70	9.14	V
	6921	-53.77	-13	-40.77	-71.79	-55.45	8.98	10.66	V
Highest	3501	-66.33	-13	-53.33	-75.23	-70.30	4.87	8.84	H
	5250	-60.83	-13	-47.83	-71.76	-62.27	7.70	9.14	H
	7002	-55.38	-13	-42.38	-73.85	-57.06	8.98	10.66	H
	3501	-62.69	-13	-49.69	-74.31	-66.66	4.87	8.84	V
	5250	-57.24	-13	-44.24	-71.29	-58.68	7.70	9.14	V
	7002	-54.87	-13	-41.87	-72.89	-56.55	8.98	10.66	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)
Lowest	3420	-62.92	-13	-49.92	-71.82	-66.89	4.87	8.84	H
	5130	-60.84	-13	-47.84	-71.77	-62.28	7.70	9.14	H
	6843	-53.82	-13	-40.82	-72.29	-55.50	8.98	10.66	H
	3420	-60.28	-13	-47.28	-71.9	-64.25	4.87	8.84	V
	5130	-58.21	-13	-45.21	-72.26	-59.65	7.70	9.14	V
	6843	-53.54	-13	-40.54	-71.56	-55.22	8.98	10.66	V
Middle	3456	-56.23	-13	-43.23	-65.13	-60.20	4.87	8.84	H
	5184	-62.03	-13	-49.03	-72.96	-63.47	7.70	9.14	H
	6912	-55.27	-13	-42.27	-73.74	-56.95	8.98	10.66	H
	3456	-54.58	-13	-41.58	-66.2	-58.55	4.87	8.84	V
	5184	-58.87	-13	-45.87	-72.92	-60.31	7.70	9.14	V
	6912	-53.87	-13	-40.87	-71.89	-55.55	8.98	10.66	V
Highest	3492	-65.90	-13	-52.90	-74.80	-69.87	4.87	8.84	H
	5235	-61.20	-13	-48.20	-72.13	-62.64	7.70	9.14	H
	6981	-56.95	-13	-43.95	-75.42	-58.63	8.98	10.66	H
	3492	-62.85	-13	-49.85	-74.47	-66.82	4.87	8.84	V
	5235	-58.15	-13	-45.15	-72.2	-59.59	7.70	9.14	V
	6981	-57.33	-13	-44.33	-75.35	-59.01	8.98	10.66	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)
Lowest	3420	-63.74	-13	-50.74	-72.64	-67.71	4.87	8.84	H
	5133	-59.57	-13	-46.57	-70.50	-61.01	7.70	9.14	H
	6843	-54.15	-13	-41.15	-72.62	-55.83	8.98	10.66	H
	3420	-60.39	-13	-47.39	-72.01	-64.36	4.87	8.84	V
	5133	-57.37	-13	-44.37	-71.42	-58.81	7.70	9.14	V
	6843	-54.07	-13	-41.07	-72.09	-55.75	8.98	10.66	V
Middle	3450	-58.67	-13	-45.67	-67.57	-62.64	4.87	8.84	H
	5178	-63.03	-13	-50.03	-73.96	-64.47	7.70	9.14	H
	6903	-55.25	-13	-42.25	-73.72	-56.93	8.98	10.66	H
	3450	-54.43	-13	-41.43	-66.05	-58.40	4.87	8.84	V
	5178	-60.35	-13	-47.35	-74.4	-61.79	7.70	9.14	V
	6903	-53.64	-13	-40.64	-71.66	-55.32	8.98	10.66	V
Highest	3480	-62.28	-13	-49.28	-71.18	-66.25	4.87	8.84	H
	5223	-61.50	-13	-48.50	-72.43	-62.94	7.70	9.14	H
	6963	-54.36	-13	-41.36	-72.83	-56.04	8.98	10.66	H
	3483	-63.71	-13	-50.71	-75.33	-67.68	4.87	8.84	V
	5223	-57.82	-13	-44.82	-71.87	-59.26	7.70	9.14	V
	6963	-57.31	-13	-44.31	-75.33	-58.99	8.98	10.66	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)
Lowest	3423	-62.42	-13	-49.42	-71.32	-66.39	4.87	8.84	H
	5133	-59.52	-13	-46.52	-70.45	-60.96	7.70	9.14	H
	6843	-53.03	-13	-40.03	-71.50	-54.71	8.98	10.66	H
	3423	-60.15	-13	-47.15	-71.77	-64.12	4.87	8.84	V
	5133	-56.67	-13	-43.67	-70.72	-58.11	7.70	9.14	V
	6843	-54.03	-13	-41.03	-72.05	-55.71	8.98	10.66	V
Middle	3447	-59.70	-13	-46.70	-68.60	-63.67	4.87	8.84	H
	5169	-63.77	-13	-50.77	-74.70	-65.21	7.70	9.14	H
	6894	-55.22	-13	-42.22	-73.69	-56.90	8.98	10.66	H
	3447	-58.97	-13	-45.97	-70.59	-62.94	4.87	8.84	V
	5169	-60.29	-13	-47.29	-74.34	-61.73	7.70	9.14	V
	6894	-51.88	-13	-38.88	-69.9	-53.56	8.98	10.66	V
Highest	3471	-62.20	-13	-49.20	-71.10	-66.17	4.87	8.84	H
	5208.27	-62.93	-13	-49.93	-73.86	-64.37	7.70	9.14	H
	6945	-57.26	-13	-44.26	-75.73	-58.94	8.98	10.66	H
	3471	-57.19	-13	-44.19	-68.81	-61.16	4.87	8.84	V
	5208	-58.11	-13	-45.11	-72.16	-59.55	7.70	9.14	V
	6945	-56.79	-13	-43.79	-74.81	-58.47	8.98	10.66	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)
Lowest	1648	-60.36	-13	-47.36	-58.99	-62.22	1.19	5.20	H
	2472	-63.63	-13	-50.63	-66.62	-65.85	1.53	5.90	H
	3297	-65.51	-13	-52.51	-69.46	-68.30	1.76	6.70	H
	1648	-58.66	-13	-45.66	-56.62	-60.52	1.19	5.20	V
	2472	-66.63	-13	-53.63	-68.61	-68.85	1.53	5.90	V
	3297	-66.85	-13	-53.85	-70.17	-69.64	1.76	6.70	V
Middle	1672	-58.15	-13	-45.15	-56.78	-60.01	1.19	5.20	H
	2508	-64.07	-13	-51.07	-67.06	-66.29	1.53	5.90	H
	3345	-66.84	-13	-53.84	-70.79	-69.63	1.76	6.70	H
	1672	-58.86	-13	-45.86	-56.82	-60.72	1.19	5.20	V
	2508	-67.22	-13	-54.22	-69.2	-69.44	1.53	5.90	V
	3345	-68.29	-13	-55.29	-71.61	-71.08	1.76	6.70	V
Highest	1696	-53.34	-13	-40.34	-53.08	-55.20	1.19	5.20	H
	2544	-63.39	-13	-50.39	-66.38	-65.61	1.53	5.90	H
	3391	-66.29	-13	-53.29	-70.24	-69.08	1.76	6.70	H
	1696	-53.80	-13	-40.80	-52.18	-55.66	1.19	5.20	V
	2544	-64.68	-13	-51.68	-66.66	-66.90	1.53	5.90	V
	3391	-67.49	-13	-54.49	-70.81	-70.28	1.76	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)
Lowest	1648	-60.22	-13	-47.22	-58.85	-62.08	1.19	5.20	H
	2472	-63.66	-13	-50.66	-66.65	-65.88	1.53	5.90	H
	3297	-65.68	-13	-52.68	-69.63	-68.47	1.76	6.70	H
	1648	-58.75	-13	-45.75	-56.71	-60.61	1.19	5.20	V
	2472	-65.96	-13	-52.96	-67.94	-68.18	1.53	5.90	V
	3297	-67.25	-13	-54.25	-70.57	-70.04	1.76	6.70	V
Middle	1670	-57.23	-13	-44.23	-55.86	-59.09	1.19	5.20	H
	2506	-64.84	-13	-51.84	-67.83	-67.06	1.53	5.90	H
	3342	-67.40	-13	-54.40	-71.35	-70.19	1.76	6.70	H
	1670	-58.21	-13	-45.21	-56.17	-60.07	1.19	5.20	V
	2506	-65.90	-13	-52.90	-67.88	-68.12	1.53	5.90	V
	3342	-68.21	-13	-55.21	-71.53	-71.00	1.76	6.70	V
Highest	1692	-49.89	-13	-36.89	-50.61	-51.75	1.19	5.20	H
	2538	-63.45	-13	-50.45	-66.44	-65.67	1.53	5.90	H
	3384	-67.13	-13	-54.13	-71.08	-69.92	1.76	6.70	H
	1692	-51.40	-13	-38.40	-50.53	-53.26	1.19	5.20	V
	2538	-65.00	-13	-52.00	-66.98	-67.22	1.53	5.90	V
	3384	-66.43	-13	-53.43	-69.75	-69.22	1.76	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)
Lowest	1648	-59.46	-13	-46.46	-58.09	-61.32	1.19	5.20	H
	2474	-65.48	-13	-52.48	-68.47	-67.70	1.53	5.90	H
	3297	-67.22	-13	-54.22	-71.17	-70.01	1.76	6.70	H
	1648	-59.08	-13	-46.08	-57.04	-60.94	1.19	5.20	V
	2474	-65.91	-13	-52.91	-67.89	-68.13	1.53	5.90	V
	3297	-66.63	-13	-53.63	-69.95	-69.42	1.76	6.70	V
Middle	1668	-56.35	-13	-43.35	-55.11	-58.21	1.19	5.20	H
	2504	-64.75	-13	-51.75	-67.74	-66.97	1.53	5.90	H
	3336	-67.73	-13	-54.73	-71.68	-70.52	1.76	6.70	H
	1668	-57.97	-13	-44.97	-55.93	-59.83	1.19	5.20	V
	2504	-65.77	-13	-52.77	-67.75	-67.99	1.53	5.90	V
	3336	-68.62	-13	-55.62	-71.94	-71.41	1.76	6.70	V
Highest	1688	-53.45	-13	-40.45	-53.19	-55.31	1.19	5.20	H
	2532	-56.03	-13	-43.03	-59.02	-58.25	1.53	5.90	H
	3378	-66.98	-13	-53.98	-70.93	-69.77	1.76	6.70	H
	1688	-54.16	-13	-41.16	-52.42	-56.02	1.19	5.20	V
	2532	-60.16	-13	-47.16	-62.14	-62.38	1.53	5.90	V
	3378	-67.21	-13	-54.21	-70.53	-70.00	1.76	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)
Lowest	1648	-60.37	-13	-47.37	-59.00	-62.23	1.19	5.20	H
	2474	-64.79	-13	-51.79	-67.78	-67.01	1.53	5.90	H
	3297	-66.35	-13	-53.35	-70.30	-69.14	1.76	6.70	H
	1648	-59.72	-13	-46.72	-57.68	-61.58	1.19	5.20	V
	2474	-65.91	-13	-52.91	-67.89	-68.13	1.53	5.90	V
	3297	-66.93	-13	-53.93	-70.25	-69.72	1.76	6.70	V
Middle	1664	-58.46	-13	-45.46	-57.09	-60.32	1.19	5.20	H
	2496	-55.17	-13	-42.17	-58.16	-57.39	1.53	5.90	H
	3327	-66.79	-13	-53.79	-70.74	-69.58	1.76	6.70	H
	1664	-58.00	-13	-45.00	-55.96	-59.86	1.19	5.20	V
	2496	-65.81	-13	-52.81	-67.79	-68.03	1.53	5.90	V
	3327	-66.46	-13	-53.46	-69.78	-69.25	1.76	6.70	V
Highest	1678	-56.97	-13	-43.97	-55.61	-58.83	1.19	5.20	H
	2518	-63.29	-13	-50.29	-66.28	-65.51	1.53	5.90	H
	3357	-67.77	-13	-54.77	-71.72	-70.56	1.76	6.70	H
	1678	-56.84	-13	-43.84	-54.8	-58.70	1.19	5.20	V
	2518	-63.42	-13	-50.42	-65.4	-65.64	1.53	5.90	V
	3357	-67.22	-13	-54.22	-70.54	-70.01	1.76	6.70	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)
Lowest	1408	-37.26	-13	-24.26	-44.16	-38.16	1.14	4.19	H
	2113	-64.53	-13	-51.53	-69.12	-65.99	1.4	5.01	H
	2817	-68.23	-13	-55.23	-72.20	-70.76	1.63	6.31	H
	1408	-38.32	-13	-25.32	-45.22	-39.22	1.14	4.19	V
	2113	-65.32	-13	-52.32	-69.90	-66.78	1.40	5.01	V
	2817	-67.17	-13	-54.17	-71.85	-69.70	1.63	6.31	V
Middle	1416	-38.82	-13	-25.82	-45.62	-39.72	1.14	4.19	H
	2123	-66.88	-13	-53.88	-71.47	-68.34	1.4	5.01	H
	2832	-68.01	-13	-55.01	-71.98	-70.54	1.63	6.31	H
	1416	-42.90	-13	-29.90	-49.47	-43.80	1.14	4.19	V
	2123	-66.56	-13	-53.56	-71.14	-68.02	1.40	5.01	V
	2831	-68.05	-13	-55.05	-72.73	-70.58	1.63	6.31	V
Highest	1422	-38.86	-13	-25.86	-45.65	-39.76	1.14	4.19	H
	2134	-65.02	-13	-52.02	-69.61	-66.48	1.4	5.01	H
	2844	-67.49	-13	-54.49	-71.46	-70.02	1.63	6.31	H
	1422	-40.88	-13	-27.88	-47.62	-41.78	1.14	4.19	V
	2134	-65.41	-13	-52.41	-69.99	-66.87	1.40	5.01	V
	2844	-67.07	-13	-54.07	-71.75	-69.60	1.63	6.31	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)
Lowest	1408	-37.30	-13	-24.30	-44.20	-38.20	1.14	4.19	H
	2113.77	-64.48	-13	-51.48	-69.07	-65.94	1.4	5.01	H
	2818	-68.43	-13	-55.43	-72.40	-70.96	1.63	6.31	H
	1408	-38.45	-13	-25.45	-45.35	-39.35	1.14	4.19	V
	2114	-66.72	-13	-53.72	-71.30	-68.18	1.40	5.01	V
	2818	-67.53	-13	-54.53	-72.21	-70.06	1.63	6.31	V
Middle	1410	-37.31	-13	-24.31	-44.21	-38.21	1.14	4.19	H
	2116	-62.26	-13	-49.26	-66.85	-63.72	1.4	5.01	H
	2822.36	-67.98	-13	-54.98	-71.95	-70.51	1.63	6.31	H
	1410	-39.55	-13	-26.55	-46.40	-40.45	1.14	4.19	V
	2116	-65.42	-13	-52.42	-70.00	-66.88	1.40	5.01	V
	2822	-66.94	-13	-53.94	-71.62	-69.47	1.63	6.31	V
Highest	1412	-37.00	-13	-24.00	-43.89	-37.90	1.14	4.19	H
	2120	-65.83	-13	-52.83	-70.42	-67.29	1.4	5.01	H
	2826	-67.90	-13	-54.90	-71.87	-70.43	1.63	6.31	H
	1412	-41.26	-13	-28.26	-47.99	-42.16	1.14	4.19	V
	2120	-66.54	-13	-53.54	-71.12	-68.00	1.40	5.01	V
	2826	-67.26	-13	-54.26	-71.94	-69.79	1.63	6.31	V

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