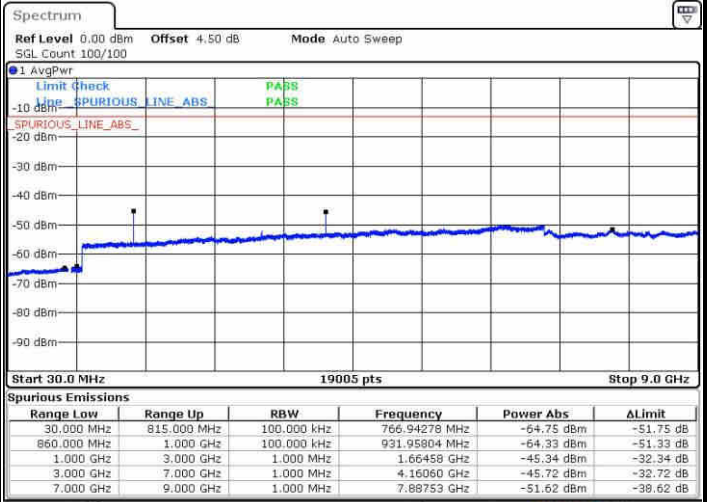
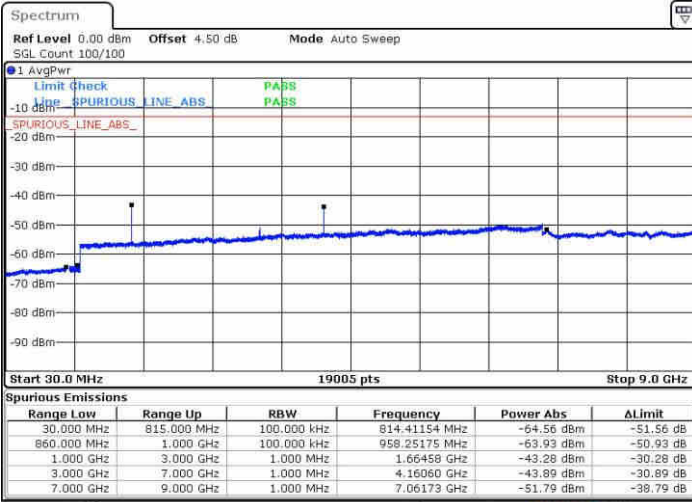




LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

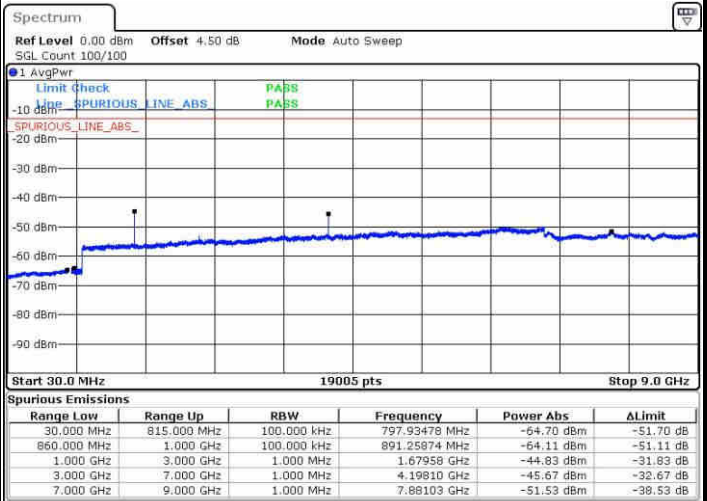
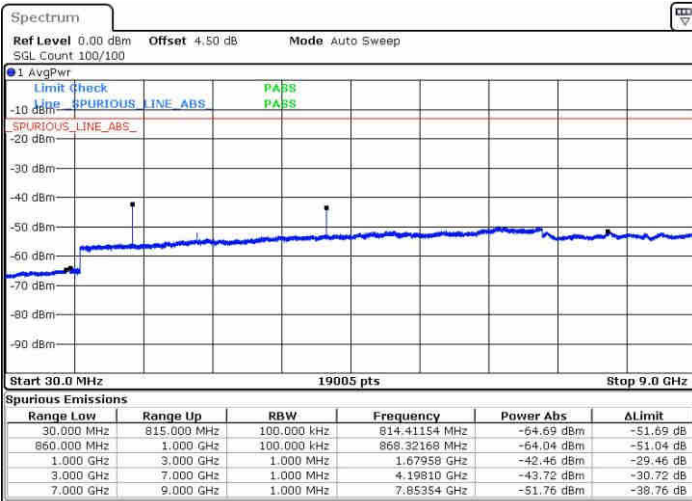


Date: 9.OCT.2016 02:55:08

Date: 9.OCT.2016 02:56:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 03:04:12

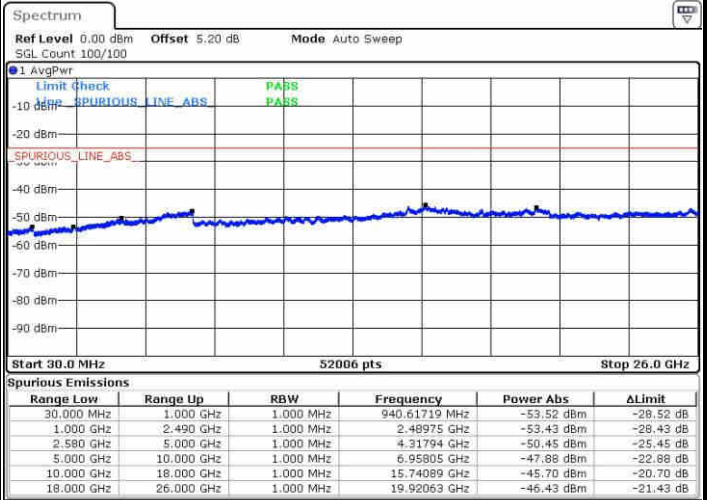
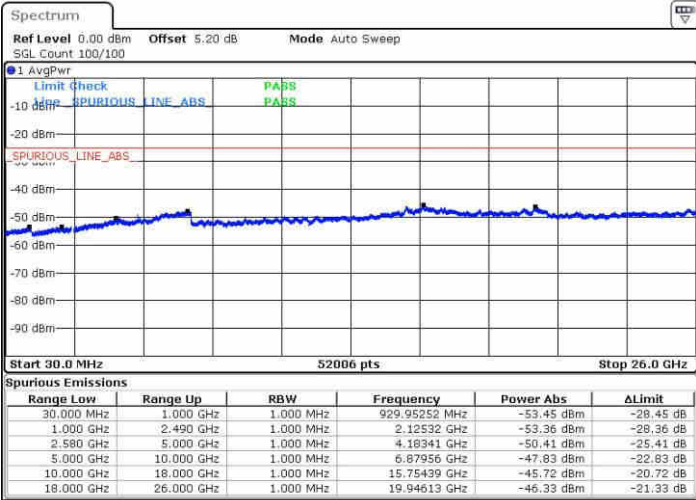
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LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

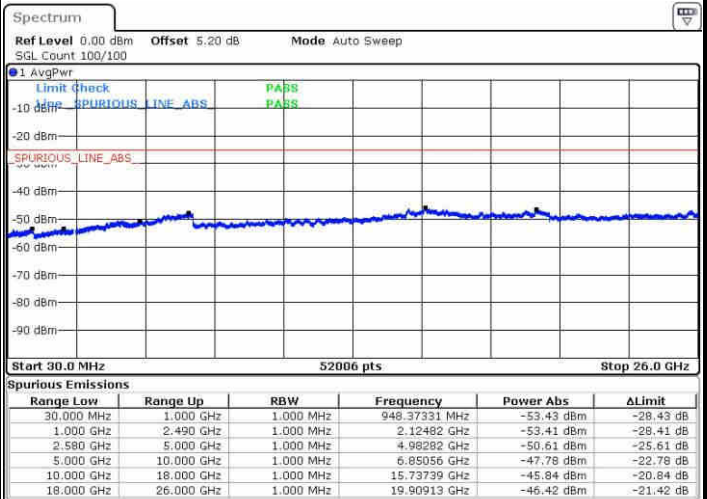
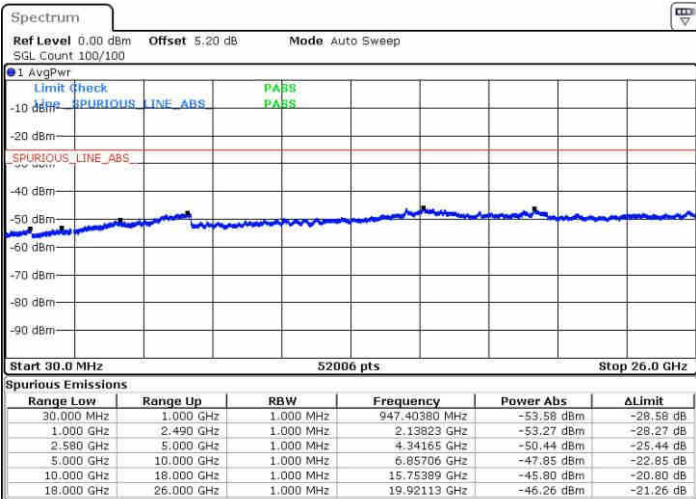


Date: 9.OCT.2016 15:45:17

Date: 9.OCT.2016 15:46:12

Middle Channel / QPSK

Middle Channel / 16QAM



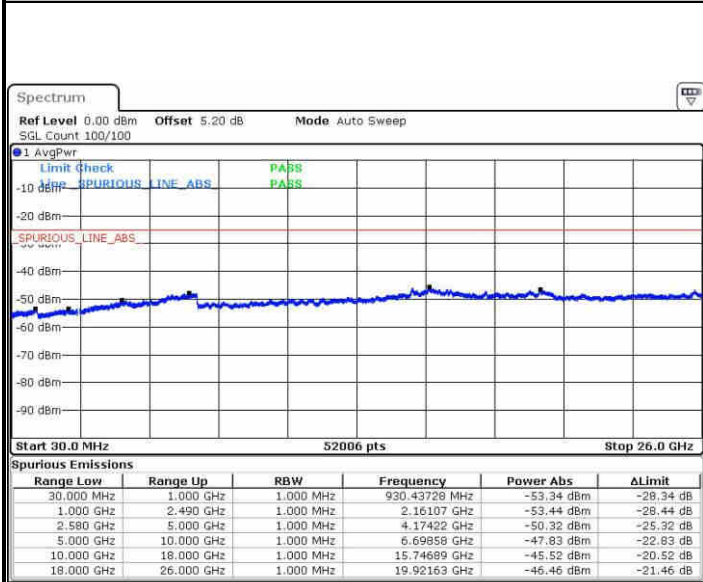
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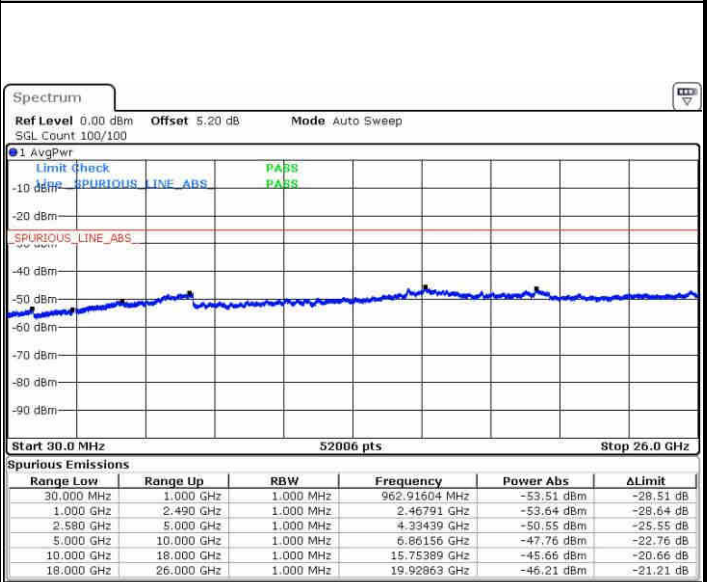
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 9.OCT.2016 15:48:55

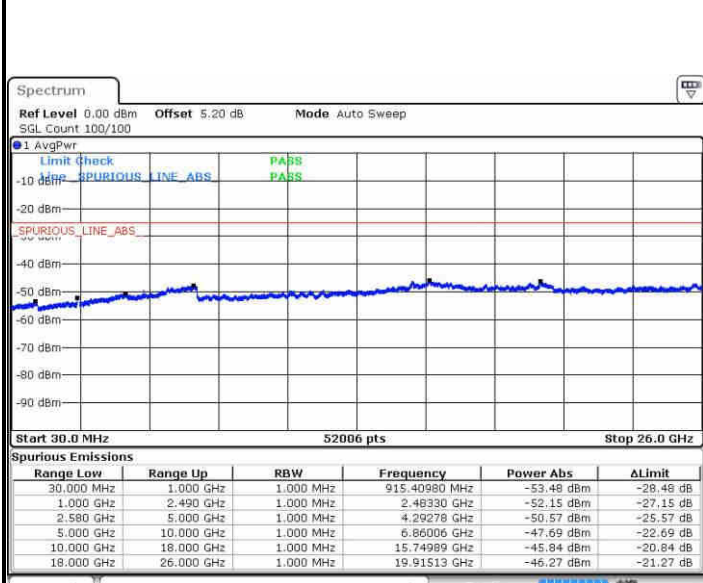
Highest Channel / 16QAM



Date: 9.OCT.2016 15:49:50

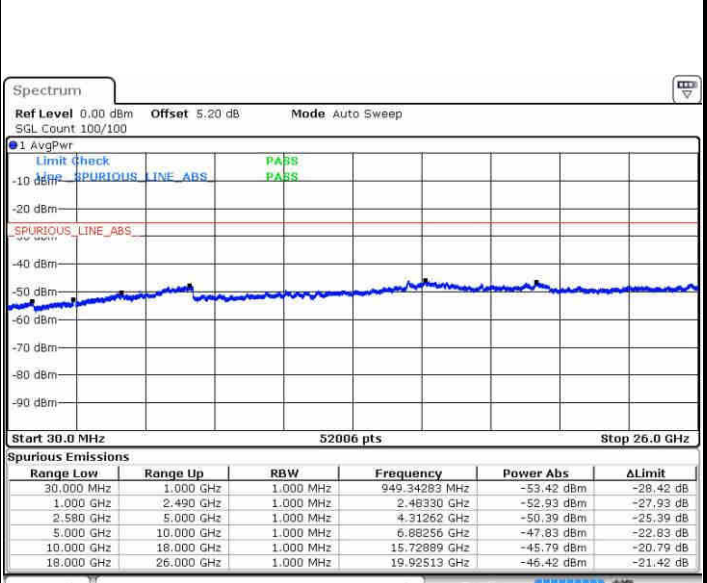
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 9.OCT.2016 16:01:58

Lowest Channel / 16QAM



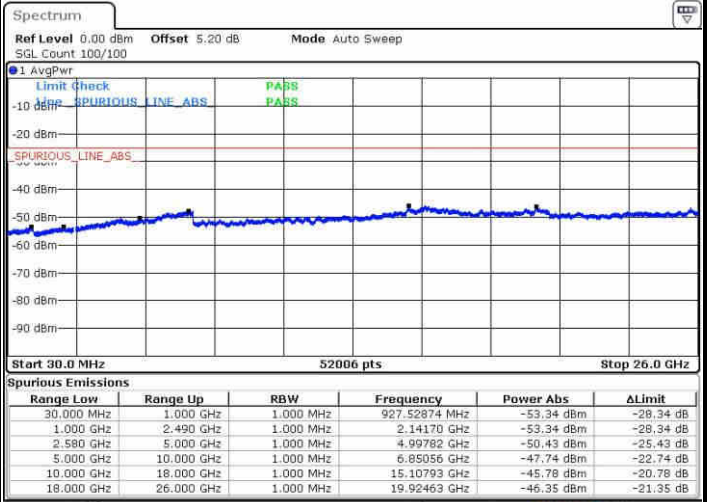
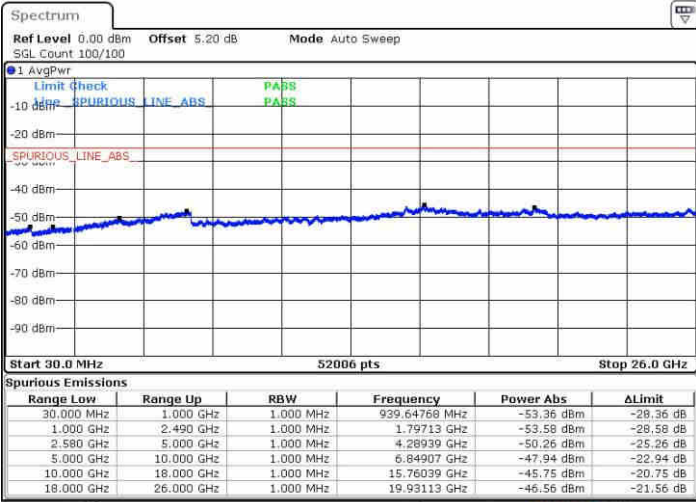
Date: 9.OCT.2016 16:02:53



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

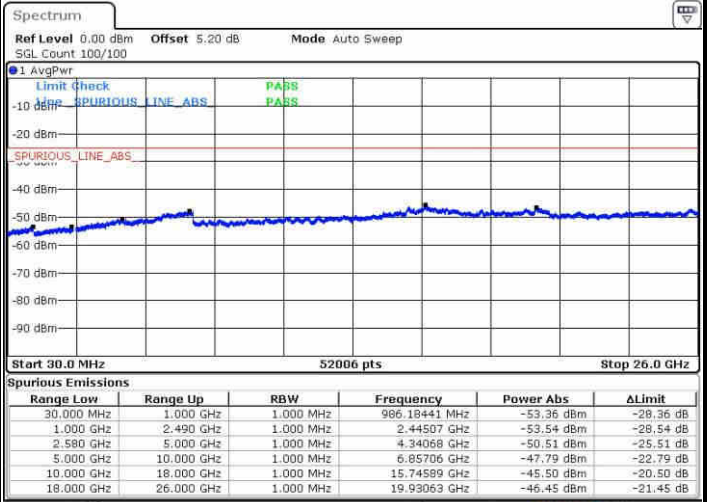
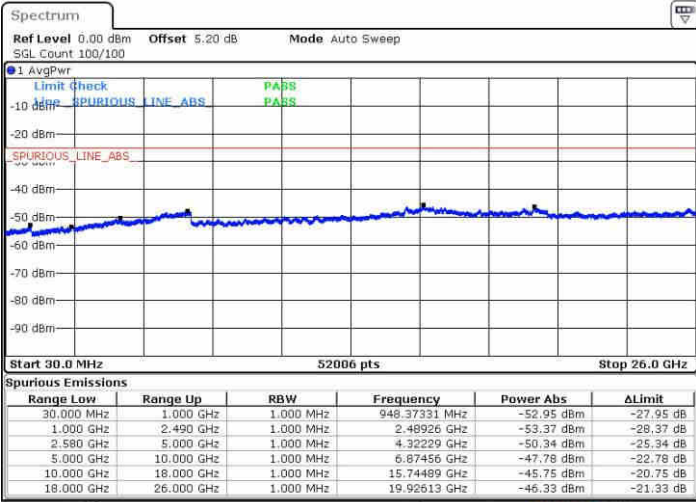


Date: 9.OCT.2016 16:04:42

Date: 9.OCT.2016 16:03:47

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 16:05:36

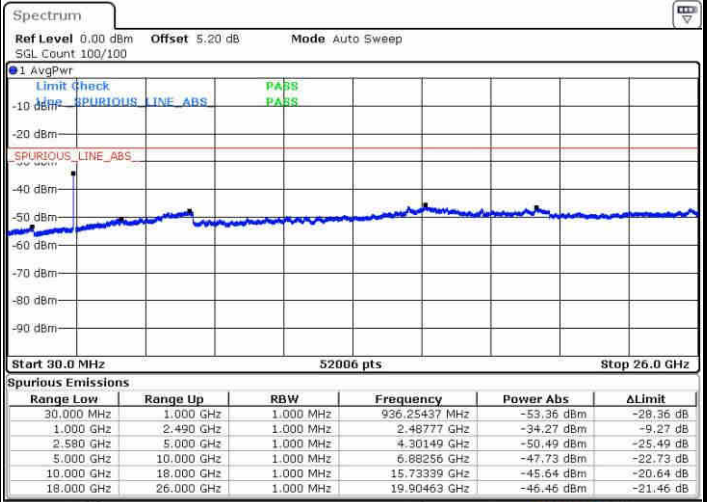
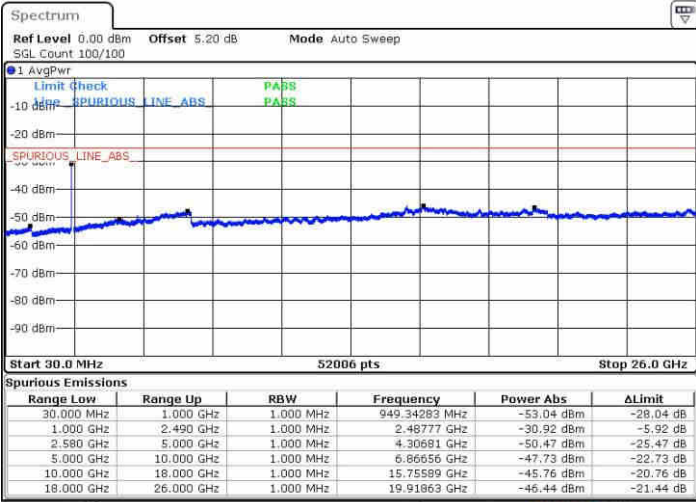
Date: 9.OCT.2016 16:08:31



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

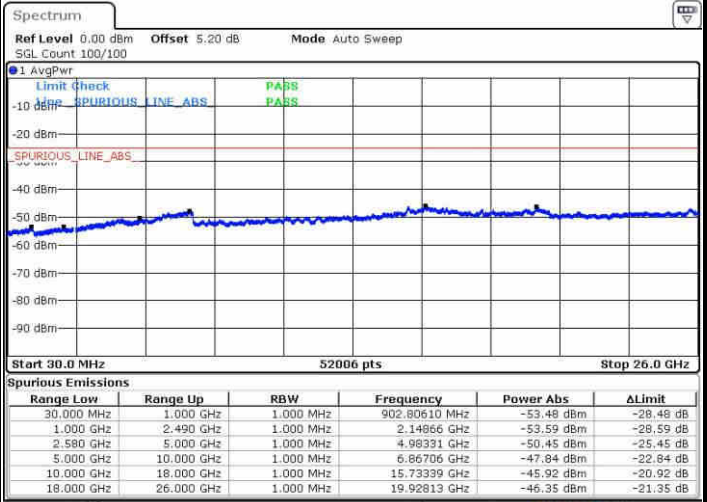
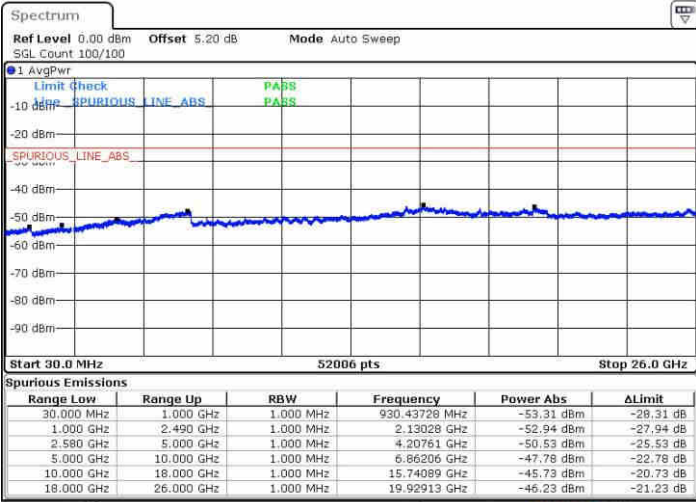


Date: 9.OCT.2016 16:18:39

Date: 9.OCT.2016 16:19:34

Middle Channel / QPSK

Middle Channel / 16QAM



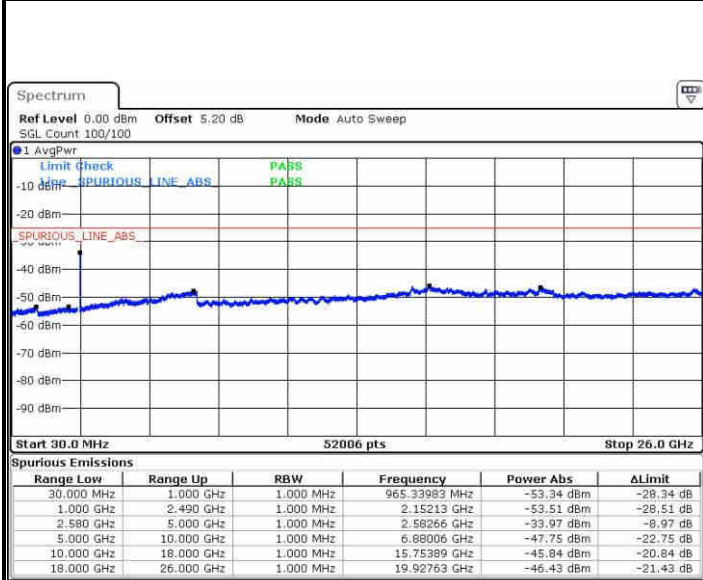
Date: 9.OCT.2016 16:21:23

Date: 9.OCT.2016 16:20:28



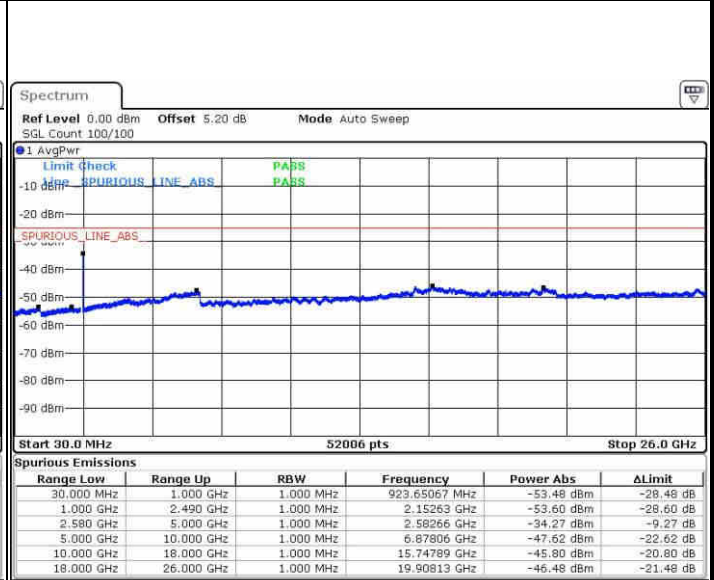
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 9.OCT.2016 16:22:17

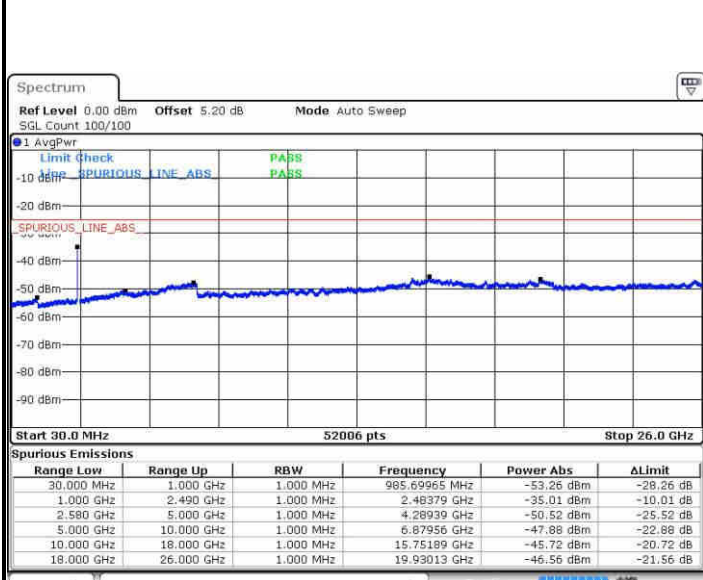
Highest Channel / 16QAM



Date: 9.OCT.2016 16:23:12

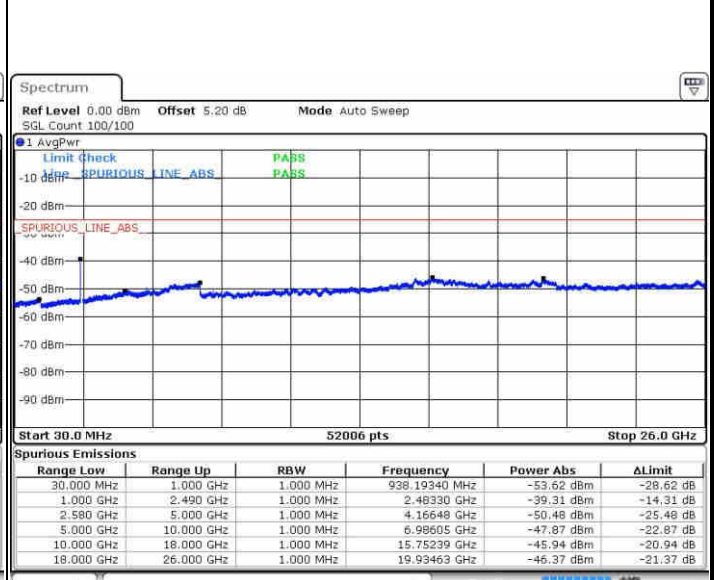
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 9.OCT.2016 16:35:21

Lowest Channel / 16QAM



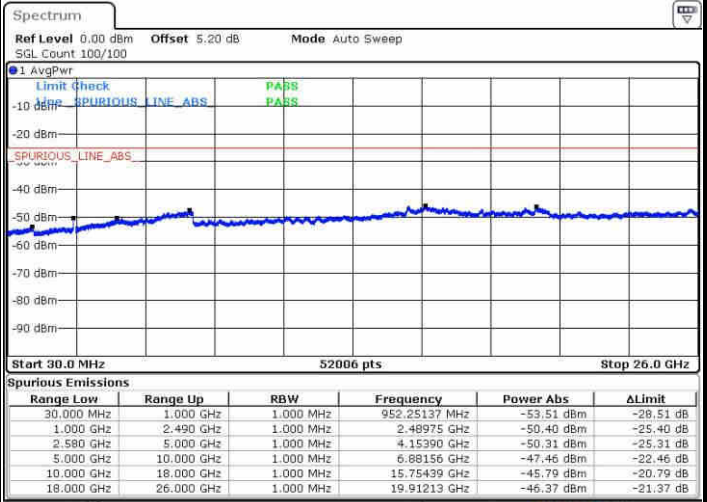
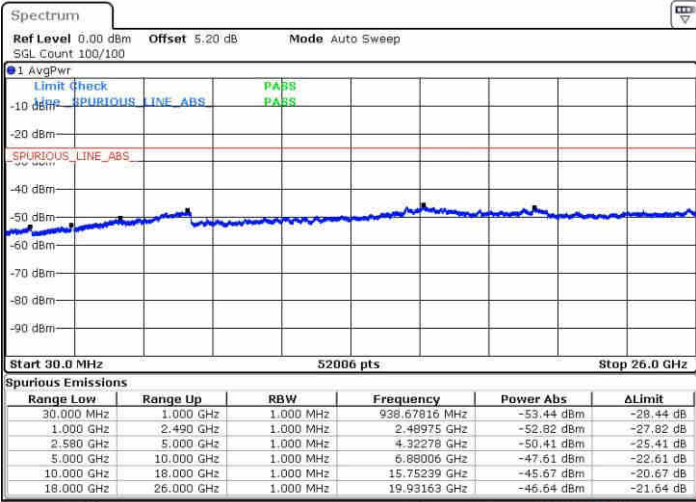
Date: 9.OCT.2016 16:35:15



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

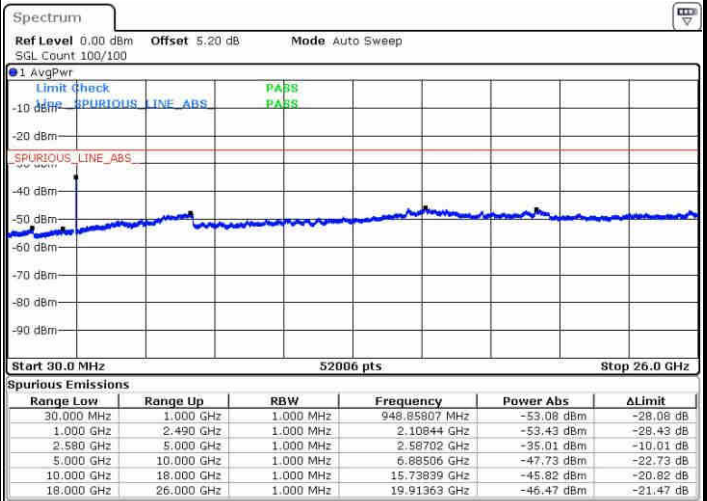
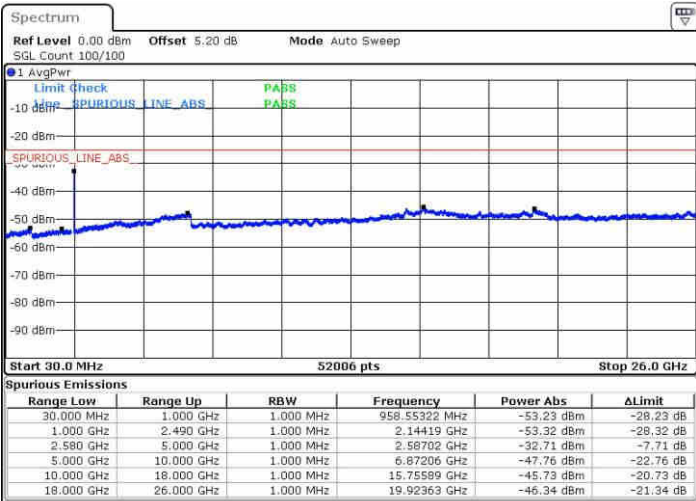


Date: 9.OCT.2016 16:38:04

Date: 9.OCT.2016 16:37:10

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 16:38:59

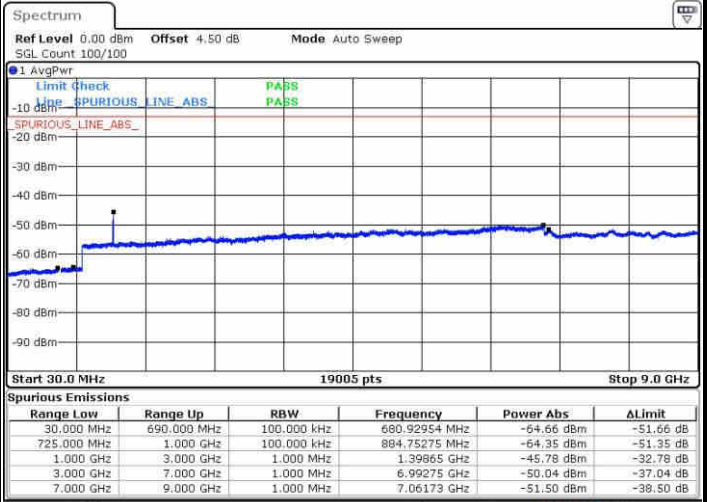
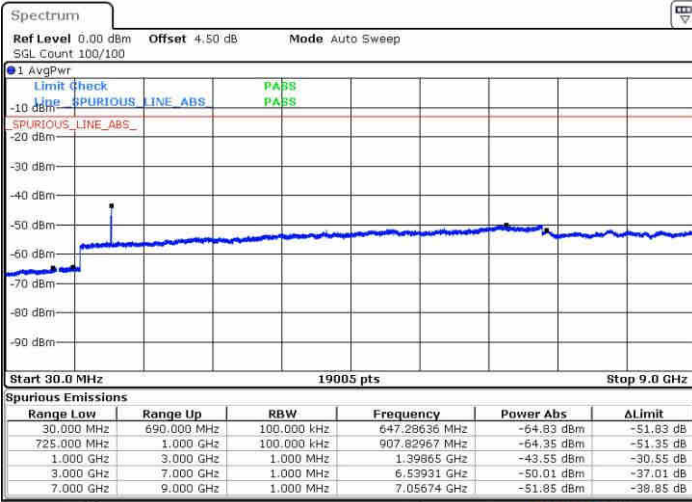
Date: 9.OCT.2016 16:39:53



LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

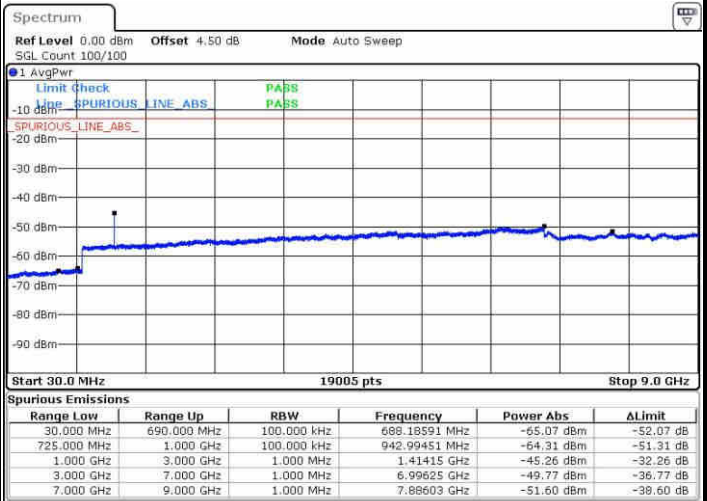
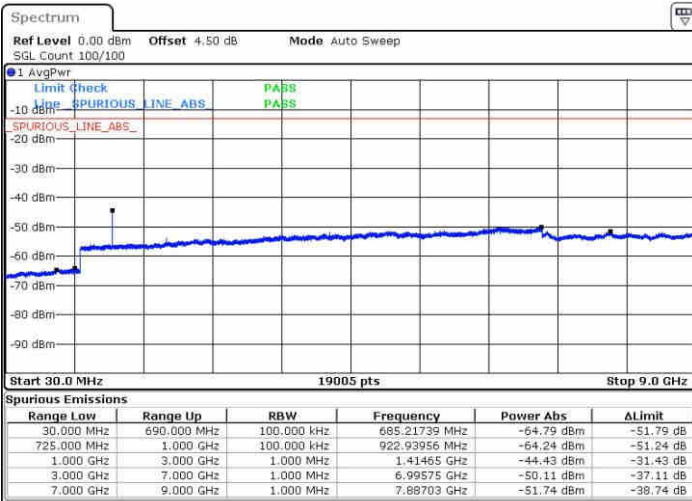


Date: 9.OCT.2016 04:25:23

Date: 9.OCT.2016 04:26:19

Middle Channel / QPSK

Middle Channel / 16QAM



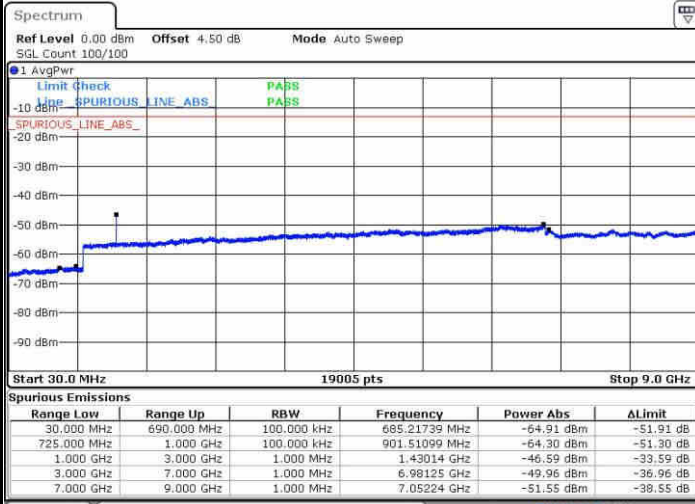
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Date: 9.OCT.2016 04:27:17



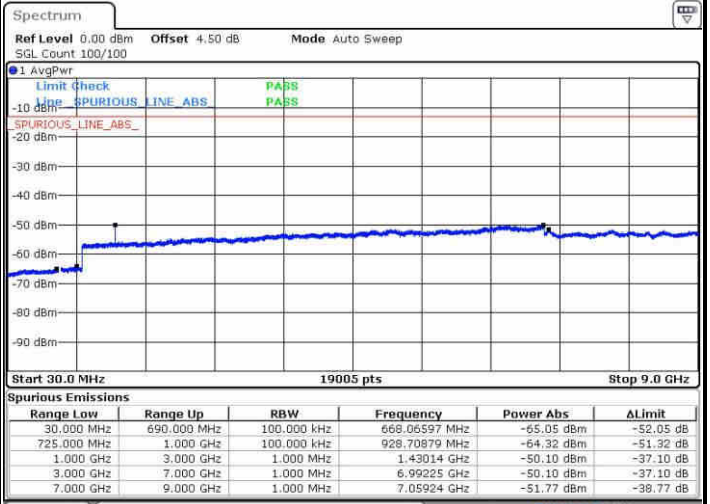
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 9.OCT.2016 04:29:11

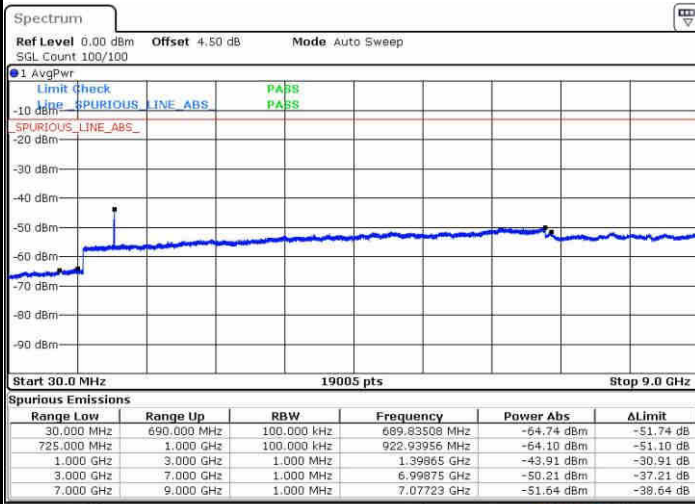
Highest Channel / 16QAM



Date: 9.OCT.2016 04:30:07

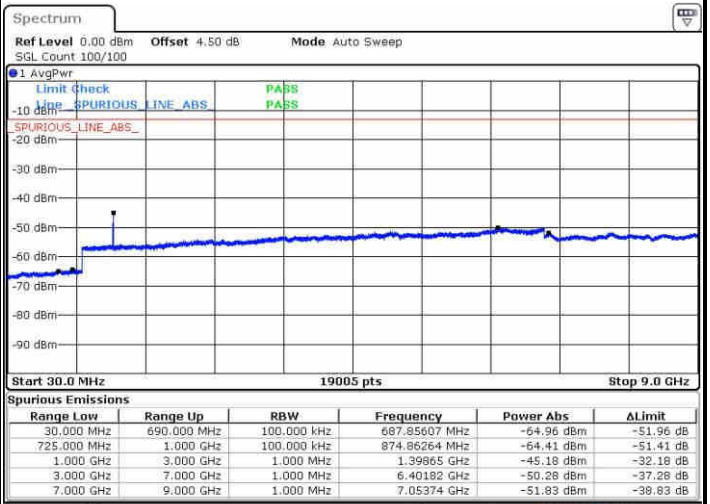
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 9.OCT.2016 04:42:31

Lowest Channel / 16QAM



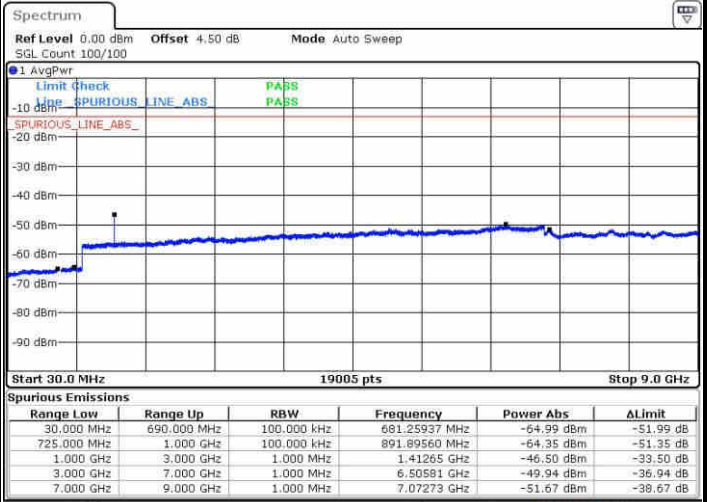
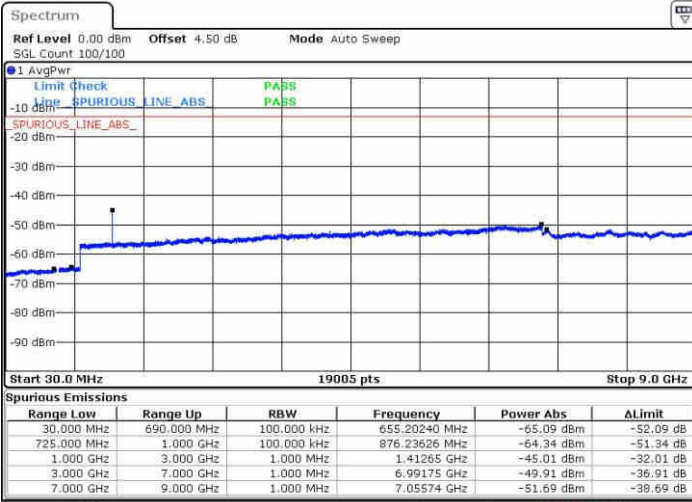
Date: 9.OCT.2016 04:43:28



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

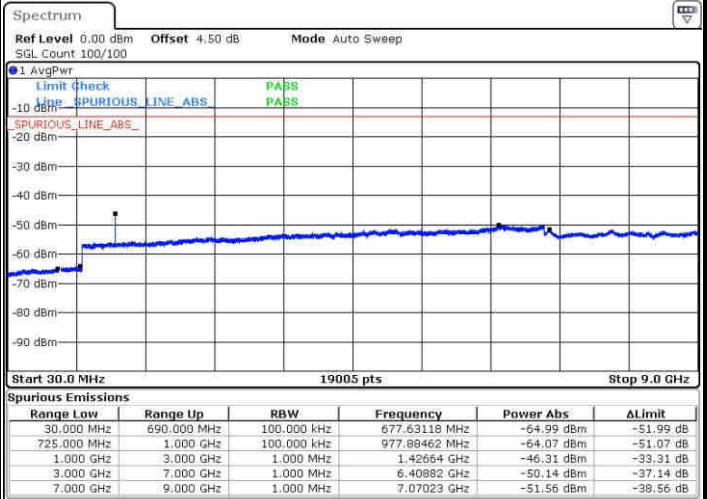
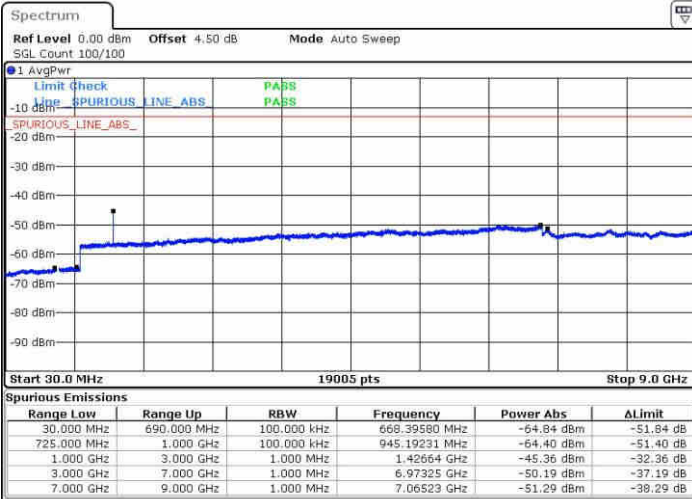


Date: 9.OCT.2016 04:45:22

Date: 9.OCT.2016 04:44:25

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 04:46:19

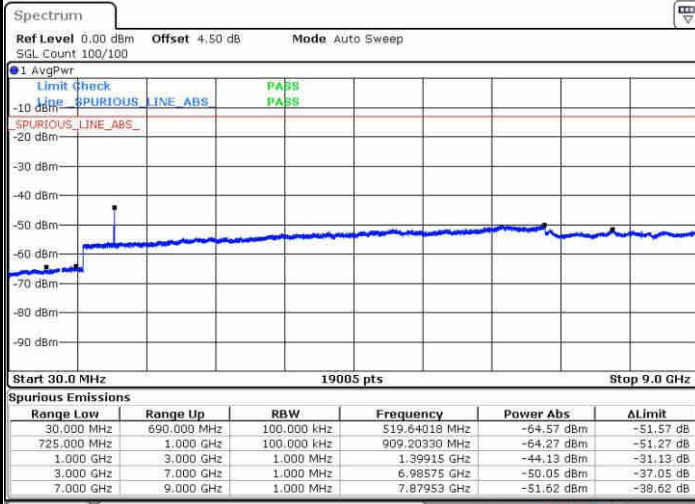
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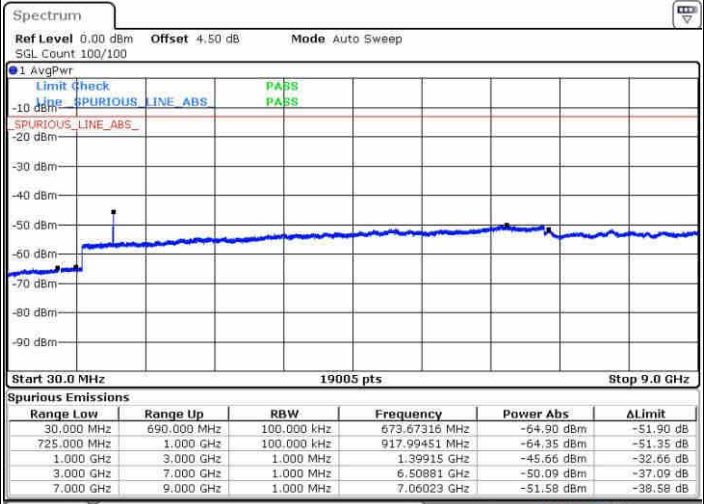
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



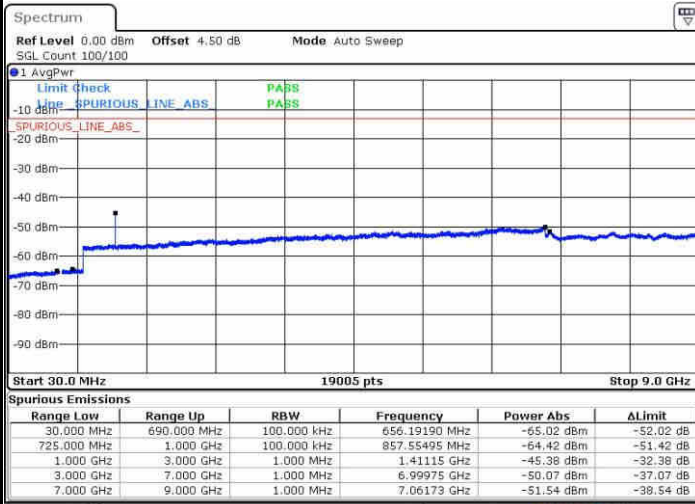
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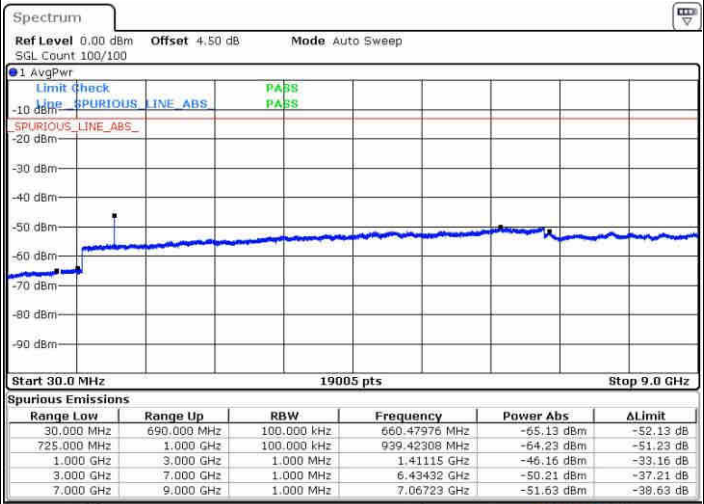
Date: 9.OCT.2016 05:00:35

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9.OCT.2016 05:02:29



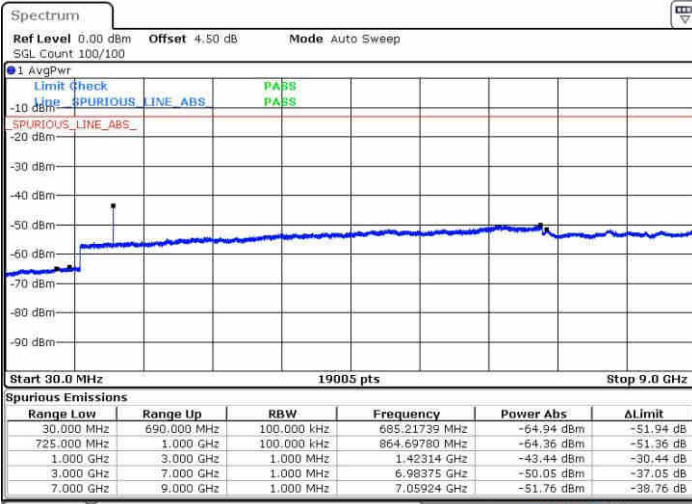
Date: 9.OCT.2016 05:01:32



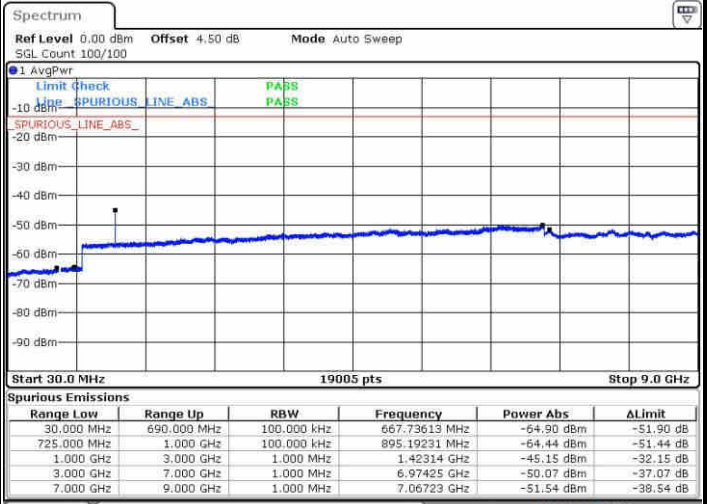
LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 05:03:26

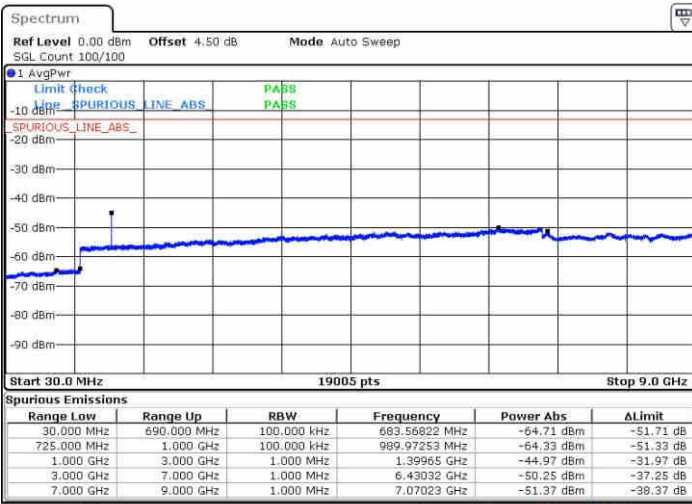


Date: 9.OCT.2016 05:04:22

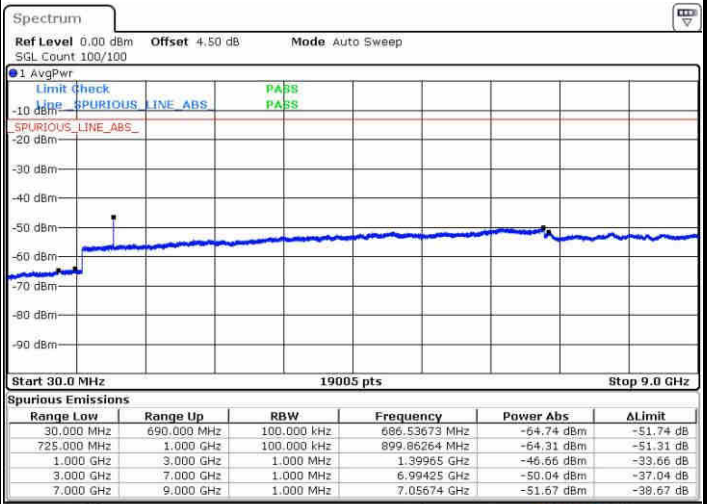
LTE Band 12 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 9.OCT.2016 05:16:46



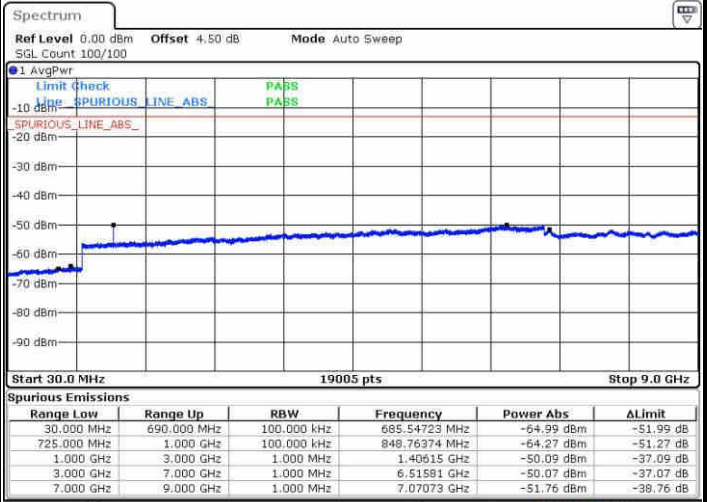
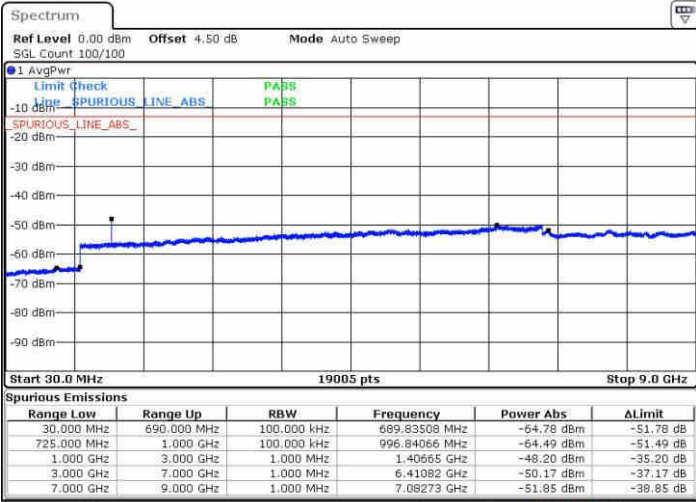
Date: 9.OCT.2016 05:17:42



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

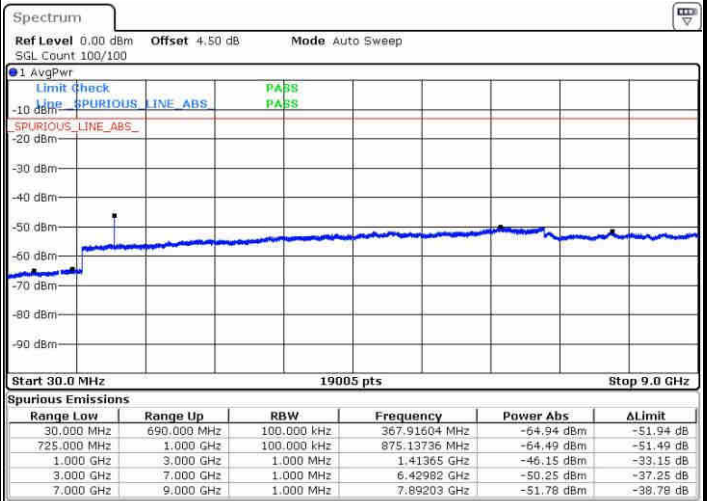
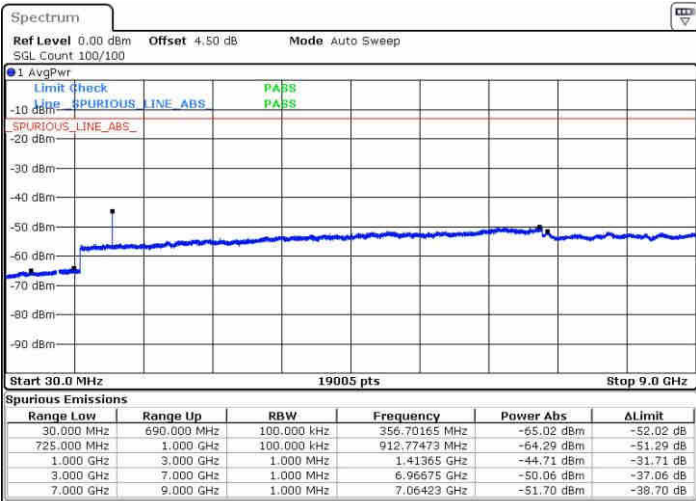


Date: 9.OCT.2016 05:19:36

Date: 9.OCT.2016 05:18:39

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 05:20:32

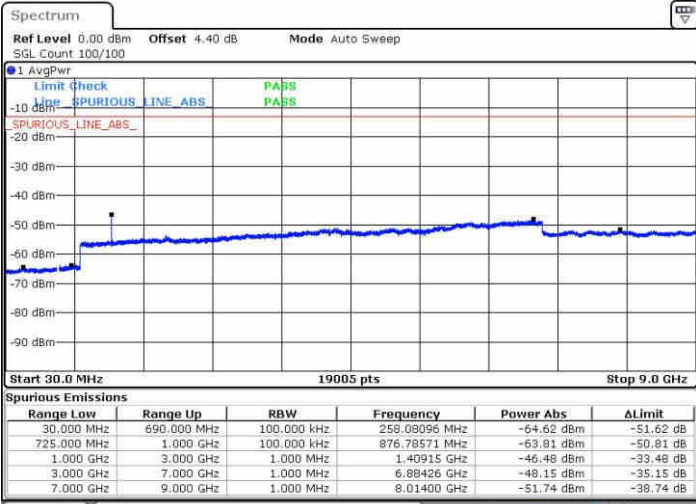
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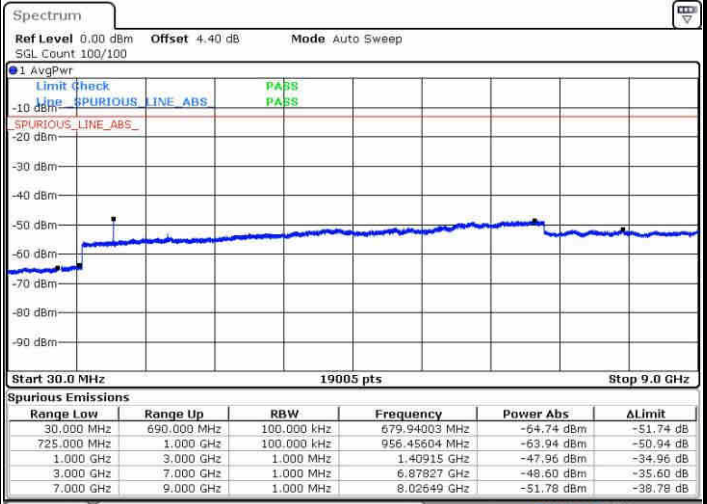
LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



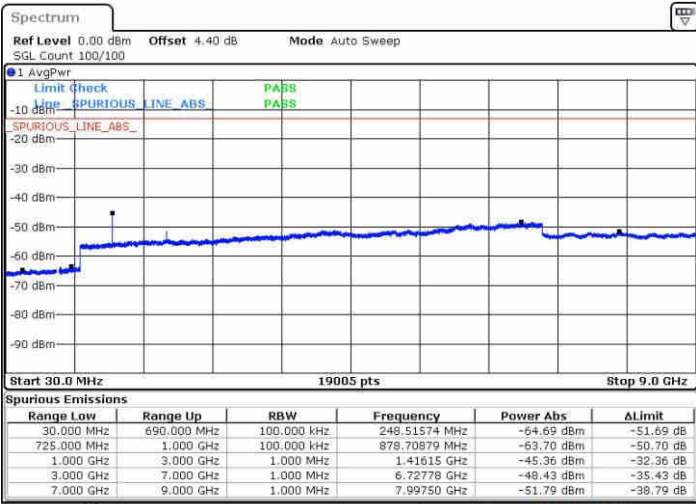
Date: 8.OCT.2016 17:41:39



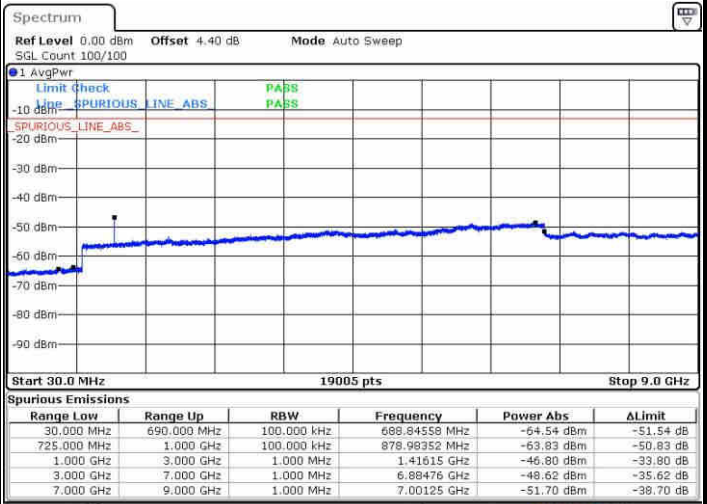
Date: 8.OCT.2016 17:42:35

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8.OCT.2016 17:44:15

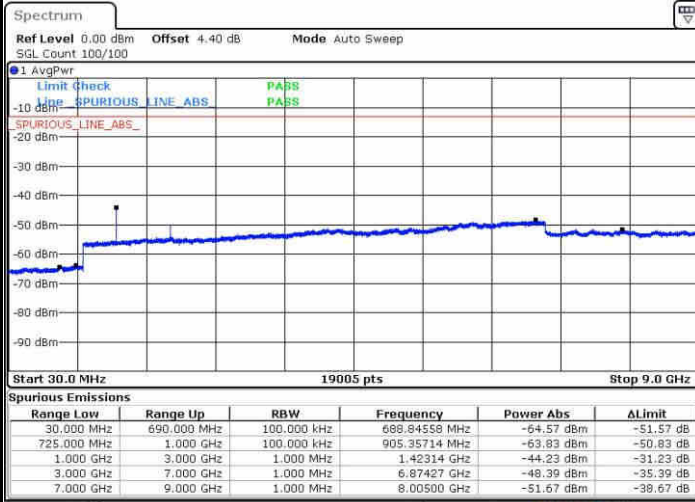


Date: 8.OCT.2016 17:45:11



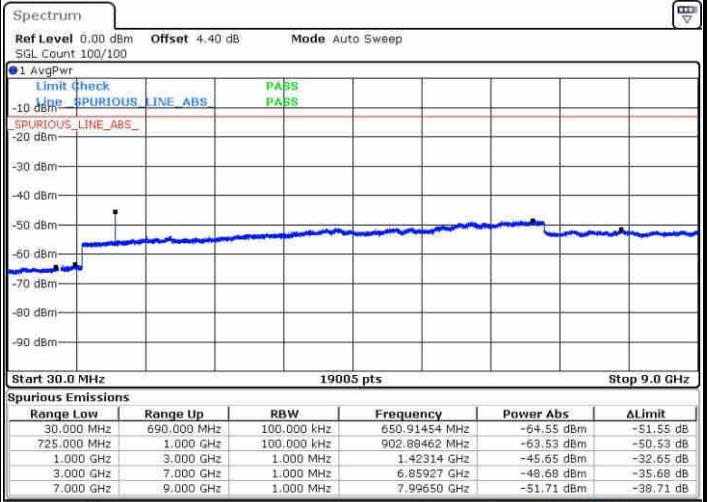
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 8.OCT.2016 17:51:26

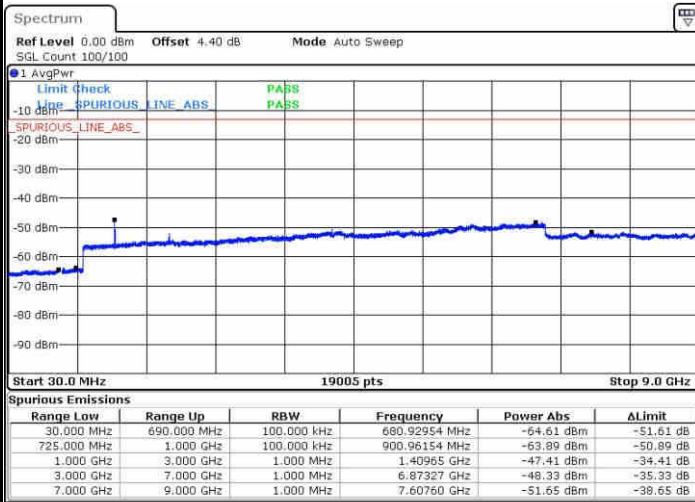
Highest Channel / 16QAM



Date: 8.OCT.2016 17:52:22

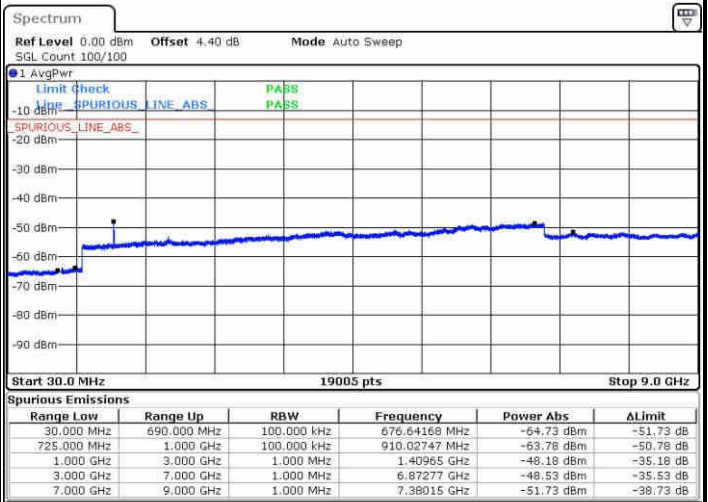
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 8.OCT.2016 17:58:37

Lowest Channel / 16QAM



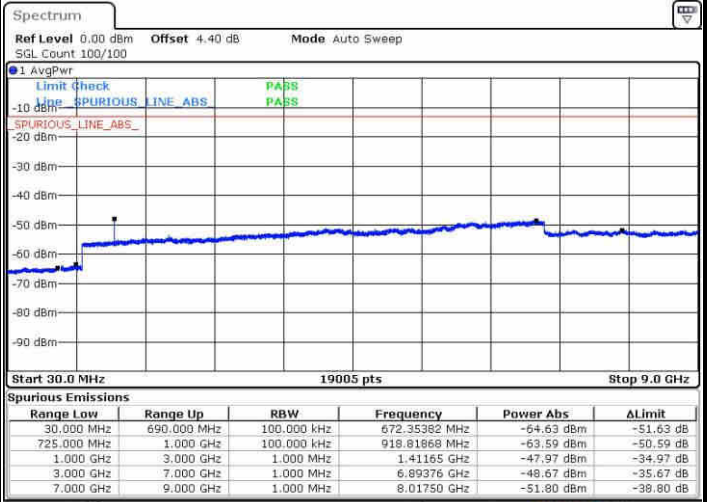
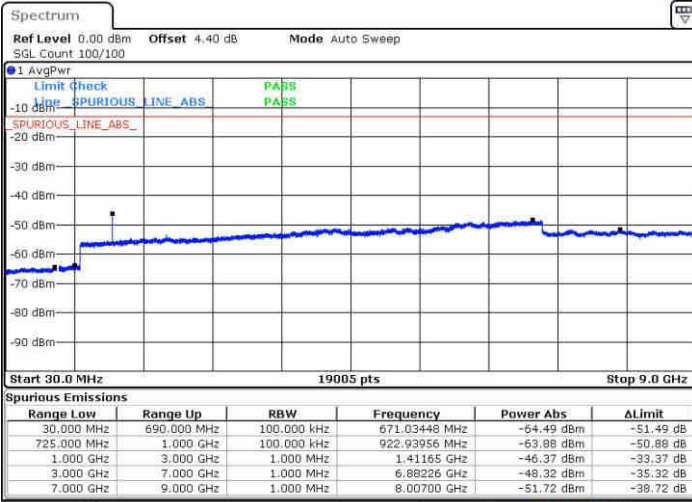
Date: 8.OCT.2016 17:58:33



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

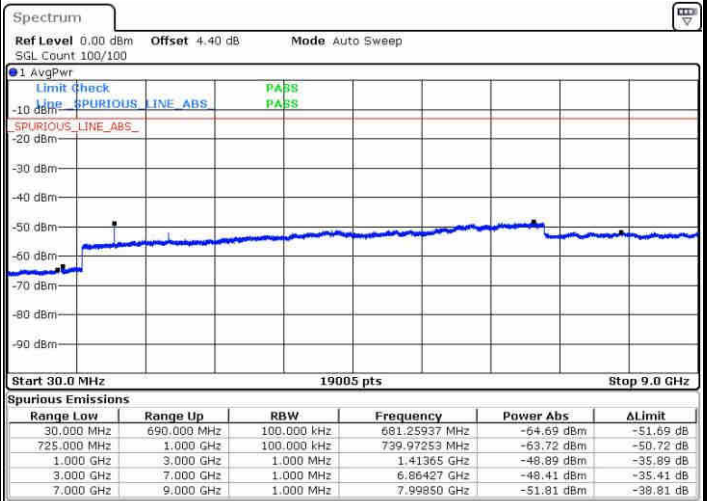
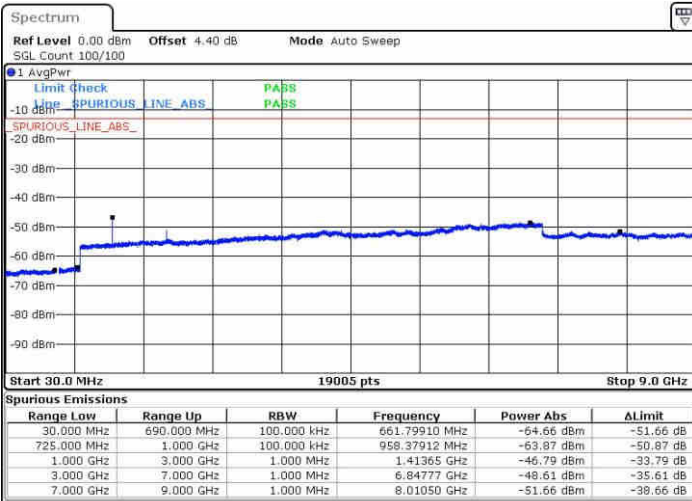


Date: 8.OCT.2016 18:01:13

Date: 8.OCT.2016 18:02:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.OCT.2016 18:08:24

Date: 8.OCT.2016 18:09:20



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	0.0026	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0040	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0027	

Note:

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



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0030	

Note:

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



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0051	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0054	
-30	Normal Voltage	0.0050	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0002	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0004	

Note:

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



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0069	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0085	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0069	

Note:

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



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0072	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0066	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0061	
-30	Normal Voltage	0.0059	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0069	
20	Battery End Point	0.0055	

Note:

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



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-67.70	-13	-54.70	-71.21	-72.69	1.88	6.87	H
	5640	-53.82	-13	-40.82	-62.01	-61.12	2.38	9.68	H
	7518	-62.49	-13	-49.49	-74.52	-71.56	2.74	11.81	H
	3756	-68.51	-13	-55.51	-72.3	-73.50	1.88	6.87	V
	5640	-54.25	-13	-41.25	-62.82	-61.55	2.38	9.68	V
	7518	-62.52	-13	-49.52	-73.23	-71.59	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)
Middle	3756	-67.87	-13	-54.87	-71.38	-72.86	1.88	6.87	H
	5634	-51.96	-13	-38.96	-60.15	-59.26	2.38	9.68	H
	7512	-62.27	-13	-49.27	-74.30	-71.34	2.74	11.81	H
	3757.48	-67.36	-13	-54.36	-71.15	-72.35	1.88	6.87	V
	5634	-54.96	-13	-41.96	-63.53	-62.26	2.38	9.68	V
	7512	-61.69	-13	-48.69	-72.4	-70.76	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)
Middle	3756	-65.57	-13	-52.57	-69.08	-70.56	1.88	6.87	H
	5634	-54.09	-13	-41.09	-62.28	-61.39	2.38	9.68	H
	7512	-62.40	-13	-49.40	-74.43	-71.47	2.74	11.81	H
	3755.68	-67.99	-13	-54.99	-71.78	-72.98	1.88	6.87	V
	5634	-56.71	-13	-43.71	-65.28	-64.01	2.38	9.68	V
	7511.36	-61.56	-13	-48.56	-72.27	-70.63	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)
Middle	3750	-66.70	-13	-53.70	-70.21	-71.69	1.88	6.87	H
	5628	-54.72	-13	-41.72	-62.91	-62.02	2.38	9.68	H
	7500	-62.89	-13	-49.89	-74.92	-71.96	2.74	11.81	H
	3751.18	-68.25	-13	-55.25	-72.04	-73.24	1.88	6.87	V
	5628	-56.86	-13	-43.86	-65.43	-64.16	2.38	9.68	V
	7500	-60.92	-13	-47.92	-71.63	-69.99	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)
Middle	3744	-66.47	-13	-53.47	-69.98	-71.46	1.88	6.87	H
	5622	-55.09	-13	-42.09	-63.28	-62.39	2.38	9.68	H
	7494	-62.27	-13	-49.27	-74.30	-71.34	2.74	11.81	H
	3744	-69.35	-13	-56.35	-73.14	-74.34	1.88	6.87	V
	5622	-55.40	-13	-42.40	-63.97	-62.70	2.38	9.68	V
	7494	-61.92	-13	-48.92	-72.63	-70.99	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)
Middle	3744	-66.22	-13	-53.22	-69.73	-71.21	1.88	6.87	H
	5610	-55.90	-13	-42.90	-64.09	-63.20	2.38	9.68	H
	7482	-62.49	-13	-49.49	-74.52	-71.56	2.74	11.81	H
	3742.18	-68.93	-13	-55.93	-72.72	-73.92	1.88	6.87	V
	5610	-58.41	-13	-45.41	-66.98	-65.71	2.38	9.68	V
	7482	-62.33	-13	-49.33	-73.04	-71.40	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)
Middle	3463.92	-64.53	-13	-51.53	-71.32	-69.42	1.81	6.70	H
	5196	-52.95	-13	-39.95	-65.63	-59.85	2.23	9.13	H
	6927.84	-59.56	-13	-46.56	-74.74	-67.62	2.60	10.66	H
	8658	-52.09	-13	-39.09	-71.42	-61.99	2.96	12.86	H
	3462	-65.75	-13	-52.75	-70.95	-70.64	1.81	6.70	V
	5196	-52.12	-13	-39.12	-65.67	-59.02	2.23	9.13	V
	6930	-58.79	-13	-45.79	-73.84	-66.85	2.6	10.66	V
	8658	-53.95	-13	-40.95	-72.05	-63.85	2.96	12.86	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	-64.18	-13	-51.18	-70.97	-69.07	1.81	6.70	H
	5196	-54.99	-13	-41.99	-67.67	-61.89	2.23	9.13	H
	6924.96	-60.60	-13	-47.60	-75.78	-68.66	2.60	10.66	H
	8658	-52.93	-13	-39.93	-72.26	-62.83	2.96	12.86	H
	3462.48	-66.50	-13	-53.50	-71.7	-71.39	1.81	6.70	V
	5196	-53.17	-13	-40.17	-66.72	-60.07	2.23	9.13	V
	6924	-58.56	-13	-45.56	-73.61	-66.62	2.6	10.66	V
	8658	-56.85	-13	-43.85	-74.95	-66.75	2.96	12.86	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-64.24	-13	-51.24	-71.03	-69.13	1.81	6.70	H
	5190	-53.10	-13	-40.10	-65.78	-60.00	2.23	9.13	H
	6924	-59.79	-13	-46.79	-74.97	-67.85	2.60	10.66	H
	8652	-51.44	-13	-38.44	-70.77	-61.34	2.96	12.86	H
	3462	-65.47	-13	-52.47	-70.67	-70.36	1.81	6.70	V
	5190	-51.67	-13	-38.67	-65.22	-58.57	2.23	9.13	V
	6924	-60.15	-13	-47.15	-75.2	-68.21	2.6	10.66	V
	8652	-53.87	-13	-40.87	-71.97	-63.77	2.96	12.86	V

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

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-64.84	-13	-51.84	-71.63	-69.73	1.81	6.70	H
	5184	-54.08	-13	-41.08	-66.76	-60.98	2.23	9.13	H
	6912	-59.81	-13	-46.81	-74.99	-67.87	2.60	10.66	H
	8640	-55.52	-13	-42.52	-74.85	-65.42	2.96	12.86	H
	3456	-64.01	-13	-51.01	-69.21	-68.90	1.81	6.70	V
	5184	-52.10	-13	-39.10	-65.65	-59.00	2.23	9.13	V
	6912	-58.76	-13	-45.76	-73.81	-66.82	2.6	10.66	V
	8640	-56.37	-13	-43.37	-74.47	-66.27	2.96	12.86	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	-63.99	-13	-50.99	-70.78	-68.88	1.81	6.70	H
	5178	-50.79	-13	-37.79	-63.47	-57.69	2.23	9.13	H
	6906	-59.79	-13	-46.79	-74.97	-67.85	2.60	10.66	H
	8628	-54.51	-13	-41.51	-73.84	-64.41	2.96	12.86	H
	3450	-66.43	-13	-53.43	-71.63	-71.32	1.81	6.70	V
	5178	-50.26	-13	-37.26	-63.81	-57.16	2.23	9.13	V
	6906	-60.49	-13	-47.49	-75.54	-68.55	2.6	10.66	V
	8628	-56.09	-13	-43.09	-74.19	-65.99	2.96	12.86	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	-65.64	-13	-52.64	-72.43	-70.53	1.81	6.70	H
	5172	-49.81	-13	-36.81	-62.49	-56.71	2.23	9.13	H
	6894	-59.08	-13	-46.08	-74.26	-67.14	2.60	10.66	H
	8616	-53.61	-13	-40.61	-72.94	-63.51	2.96	12.86	H
	3450	-67.57	-13	-54.57	-72.77	-72.46	1.81	6.70	V
	5172	-48.83	-13	-35.83	-62.38	-55.73	2.23	9.13	V
	6894	-59.37	-13	-46.37	-74.42	-67.43	2.6	10.66	V
	8616	-56.62	-13	-43.62	-74.72	-66.52	2.96	12.86	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	-56.98	-13	-43.98	-55.62	-58.84	1.19	5.20	H
	2507.85	-69.18	-13	-56.18	-72.17	-71.40	1.53	5.90	H
	3343.8	-68.93	-13	-55.93	-72.88	-71.72	1.76	6.70	H
	1672	-60.16	-13	-47.16	-58.12	-62.02	1.19	5.20	V
	2504	-67.83	-13	-54.83	-69.81	-70.05	1.53	5.90	V
	3343.8	-69.61	-13	-56.61	-72.93	-72.40	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)
Middle	1672	-58.58	-13	-45.58	-57.21	-60.60	1.73	5.90	H
	2504	-68.44	-13	-55.44	-71.43	-70.98	2.11	6.80	H
	3341.64	-68.98	-13	-55.98	-72.93	-71.76	2.47	7.40	H
	1672	-60.15	-13	-47.15	-58.11	-62.17	1.73	5.90	V
	2506.23	-69.23	-13	-56.23	-71.21	-71.77	2.11	6.80	V
	3341.64	-68.76	-13	-55.76	-72.08	-71.54	2.47	7.40	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	-61.45	-13	-48.45	-60.08	-63.47	1.73	5.90	H
	2504	-68.51	-13	-55.51	-71.50	-71.05	2.11	6.80	H
	3337.32	-69.19	-13	-56.19	-73.14	-71.97	2.47	7.40	H
	1672	-62.38	-13	-49.38	-60.34	-64.40	1.73	5.90	V
	2502.99	-68.53	-13	-55.53	-70.51	-71.07	2.11	6.80	V
	3336	-69.73	-13	-56.73	-73.05	-72.51	2.47	7.40	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	-64.19	-13	-51.19	-62.82	-66.21	1.73	5.90	H
	2496	-67.02	-13	-54.02	-70.01	-69.56	2.11	6.80	H
	3328	-68.50	-13	-55.50	-72.45	-71.28	2.47	7.40	H
	1664	-62.07	-13	-49.07	-60.03	-64.09	1.73	5.90	V
	2496	-69.00	-13	-56.00	-70.98	-71.54	2.11	6.80	V
	3328	-68.97	-13	-55.97	-72.29	-71.75	2.47	7.40	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5064	-55.99	-25	-30.99	-65.21	-62.55	2.41	8.97	H
	7600	-52.41	-25	-27.41	-66.11	-61.41	2.86	11.86	H
	10134	-58.74	-25	-33.74	-77.09	-67.64	3.21	12.11	H
	5064	-56.38	-25	-31.38	-65.09	-62.94	2.41	8.97	V
	7600	-56.15	-25	-31.15	-70.78	-65.15	2.86	11.86	V
	10134	-57.54	-25	-32.54	-76.94	-66.44	3.21	12.11	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5060	-52.46	-25	-27.46	-61.68	-59.02	2.41	8.97	H
	7592	-51.34	-25	-26.34	-65.04	-60.34	2.86	11.86	H
	10125	-57.74	-25	-32.74	-76.09	-66.64	3.21	12.11	H
	5060	-53.57	-25	-28.57	-62.28	-60.13	2.41	8.97	V
	7592	-51.66	-25	-26.66	-66.29	-60.66	2.86	11.86	V
	10125	-56.78	-25	-31.78	-76.18	-65.68	3.21	12.11	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5056	-55.05	-25	-30.05	-64.27	-61.61	2.41	8.97	H
	7584	-51.17	-25	-26.17	-64.87	-60.17	2.86	11.86	H
	10116	-58.72	-25	-33.72	-77.07	-67.62	3.21	12.11	H
	5056	-53.31	-25	-28.31	-62.02	-59.87	2.41	8.97	V
	7584	-51.02	-25	-26.02	-65.65	-60.02	2.86	11.86	V
	10116	-57.35	-25	-32.35	-76.75	-66.25	3.21	12.11	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-50.30	-25	-25.30	-59.52	-56.86	2.41	8.97	H
	7576	-53.75	-25	-28.75	-67.45	-62.75	2.86	11.86	H
	10107	-58.56	-25	-33.56	-76.91	-67.46	3.21	12.11	H
	5052	-53.82	-25	-28.82	-62.53	-60.38	2.41	8.97	V
	7576	-53.01	-25	-28.01	-67.64	-62.01	2.86	11.86	V
	10107	-57.42	-25	-32.42	-76.82	-66.32	3.21	12.11	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	1416	-71.97	-13	-58.97	-67.81	-72.87	1.14	4.19	H
	2120	-70.49	-13	-57.49	-69.95	-71.95	1.4	5.01	H
	2824	-70.94	-13	-57.94	-71.58	-73.47	1.63	6.31	H
	1416	-71.67	-13	-58.67	-66.54	-72.57	1.14	4.19	V
	2120	-71.08	-13	-58.08	-69.2	-72.54	1.4	5.01	V
	2824	-69.44	-13	-56.44	-71.56	-71.97	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	1416	-71.51	-13	-58.51	-67.35	-72.41	1.14	4.19	H
	2120	-71.58	-13	-58.58	-71.04	-73.04	1.4	5.01	H
	2824	-70.80	-13	-57.80	-71.44	-73.33	1.63	6.31	H
	1416	-72.59	-13	-59.59	-67.46	-73.49	1.14	4.19	V
	2120	-72.23	-13	-59.23	-70.35	-73.69	1.4	5.01	V
	2824	-69.32	-13	-56.32	-71.44	-71.85	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	-70.61	-13	-57.61	-66.45	-71.51	1.14	4.19	H
	2120	-72.12	-13	-59.12	-71.58	-73.58	1.4	5.01	H
	2824.96	-70.67	-13	-57.67	-71.31	-73.20	1.63	6.31	H
	1408	-72.41	-13	-59.41	-67.28	-73.31	1.14	4.19	V
	2112	-71.35	-13	-58.35	-69.47	-72.81	1.4	5.01	V
	2824	-69.44	-13	-56.44	-71.56	-71.97	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	-73.28	-13	-60.28	-69.12	-74.18	1.14	4.19	H
	2109.27	-68.49	-13	-55.49	-67.95	-69.95	1.4	5.01	H
	2816	-70.60	-13	-57.60	-71.24	-73.13	1.63	6.31	H
	1408	-74.48	-13	-61.48	-69.35	-75.38	1.14	4.19	V
	2112	-68.39	-13	-55.39	-66.51	-69.85	1.4	5.01	V
	2816	-69.38	-13	-56.38	-71.5	-71.91	1.63	6.31	V

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



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1416	-68.79	-13	-55.79	-64.63	-69.69	1.14	4.19	H
	2120	-71.98	-13	-58.98	-71.44	-73.44	1.4	5.01	H
	2832	-71.05	-13	-58.05	-71.69	-73.58	1.63	6.31	H
	1416	-70.98	-13	-57.98	-65.85	-71.88	1.14	4.19	V
	2120	-73.77	-13	-60.77	-71.89	-75.23	1.4	5.01	V
	2832	-69.94	-13	-56.94	-72.06	-72.47	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)
Middle	1408	-68.29	-13	-55.29	-64.13	-69.19	1.14	4.19	H
	2120	-70.72	-13	-57.72	-70.18	-72.18	1.4	5.01	H
	2824	-71.15	-13	-58.15	-71.79	-73.68	1.63	6.31	H
	1408	-70.87	-13	-57.87	-65.74	-71.77	1.14	4.19	V
	2120	-73.51	-13	-60.51	-71.63	-74.97	1.4	5.01	V
	2824	-69.46	-13	-56.46	-71.58	-71.99	1.63	6.31	V

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