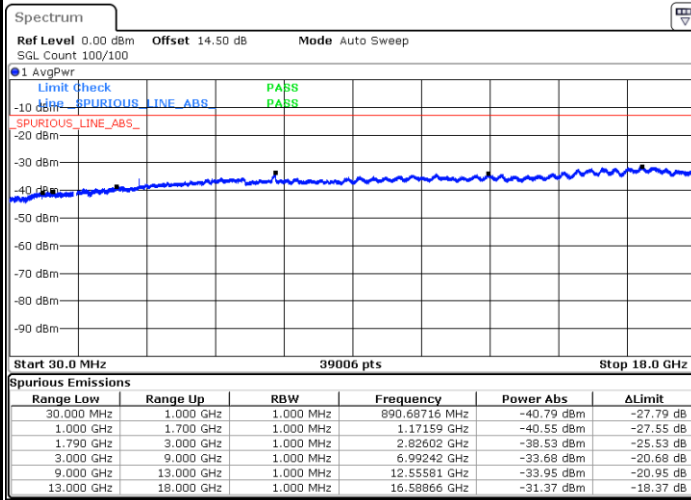




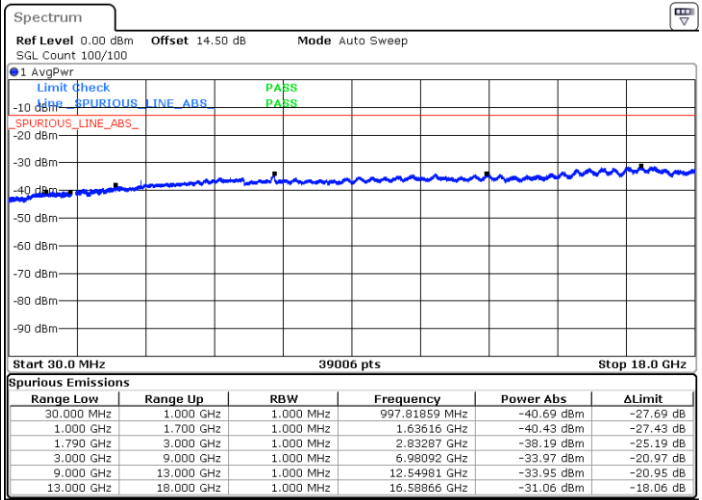
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



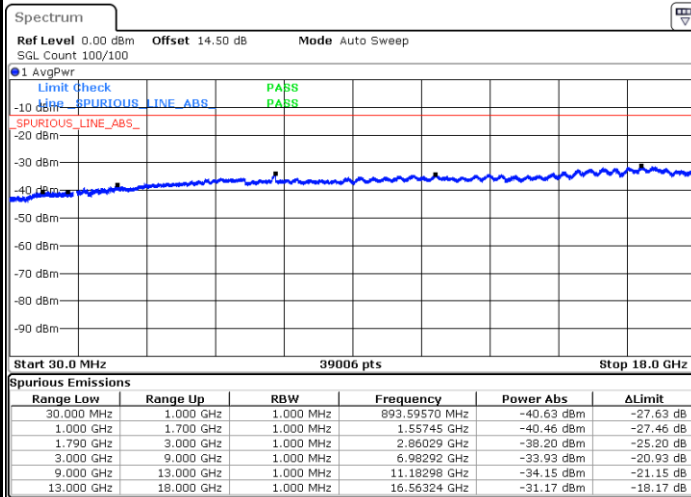
Date: 12.APR.2018 15:18:40

Middle Channel / 64QAM



Date: 12.APR.2018 19:45:01

Highest Channel / 64QAM

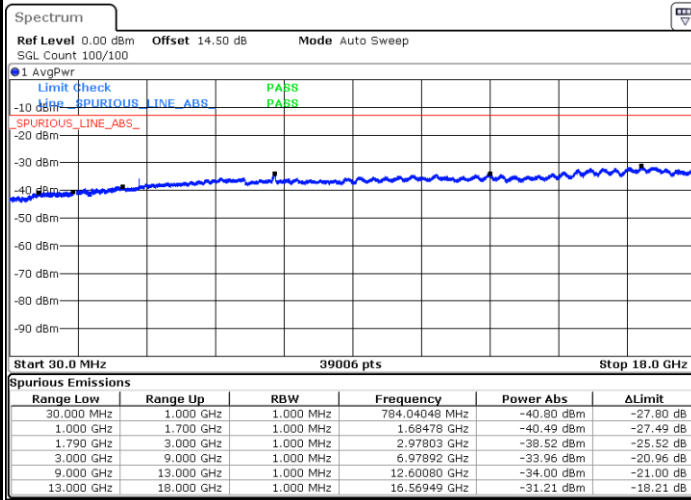


Date: 12.APR.2018 15:10:33



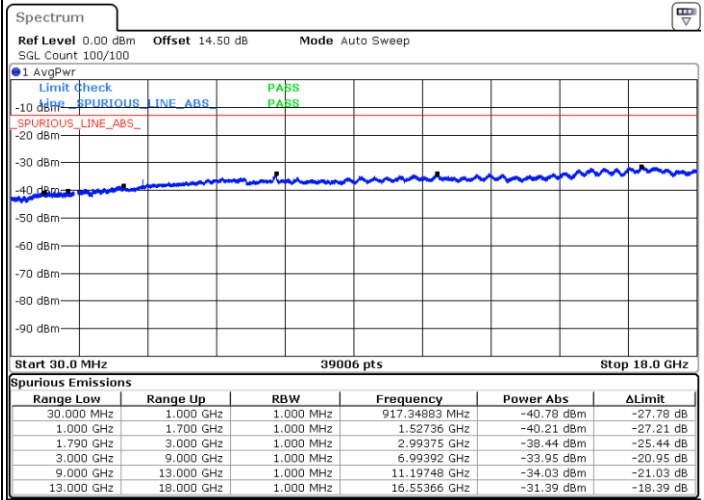
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



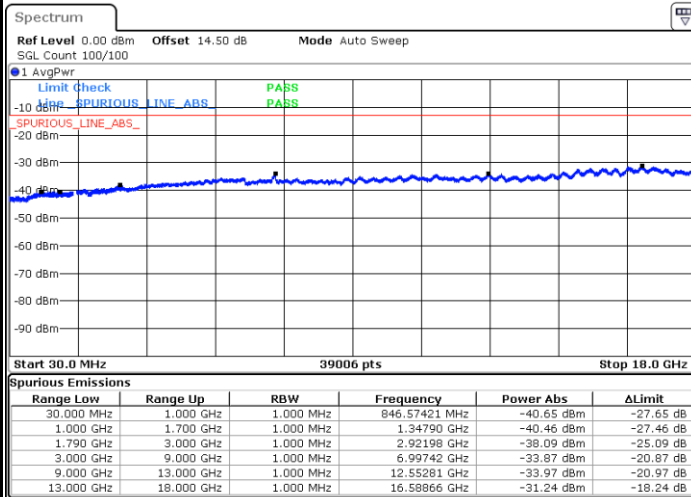
Date: 12.APR.2018 19:51:12

Middle Channel / 64QAM



Date: 12.APR.2018 19:23:15

Highest Channel / 64QAM

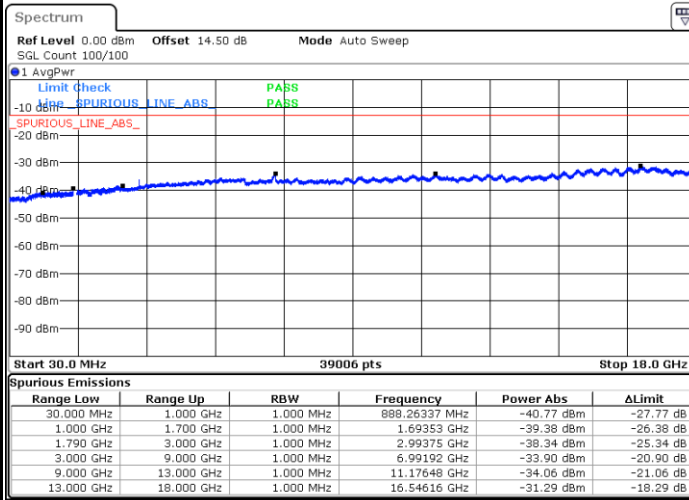


Date: 12.APR.2018 19:27:16



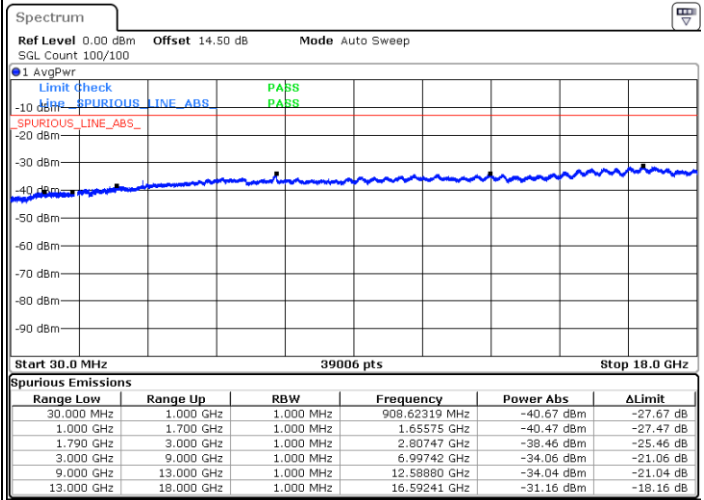
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



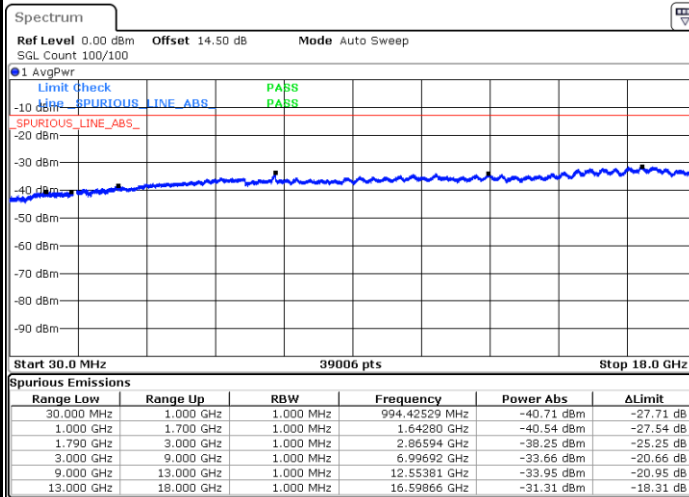
Date: 12.APR.2018 19:55:44

Middle Channel / 64QAM



Date: 12.APR.2018 18:58:24

Highest Channel / 64QAM

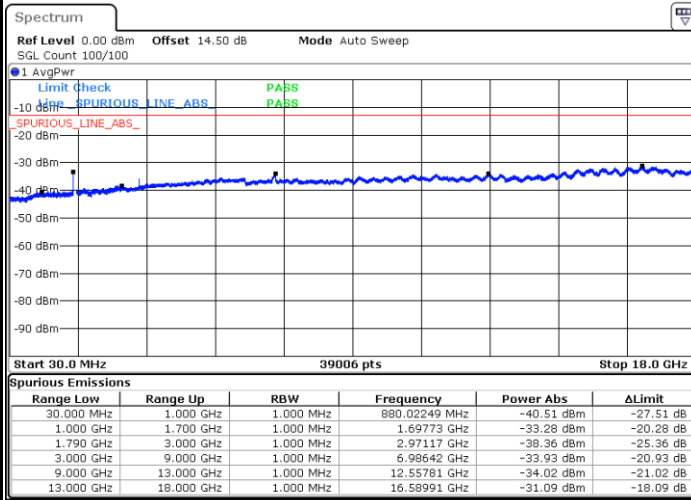


Date: 12.APR.2018 19:15:38



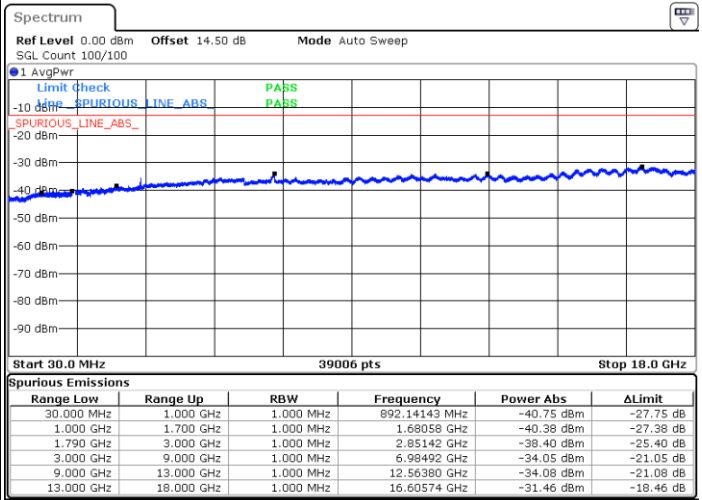
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



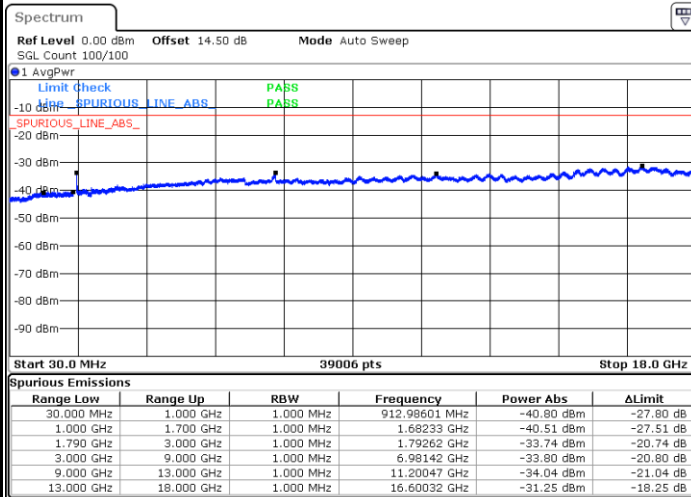
Date: 12.APR.2018 18:50:31

Middle Channel / 64QAM



Date: 12.APR.2018 18:48:15

Highest Channel / 64QAM

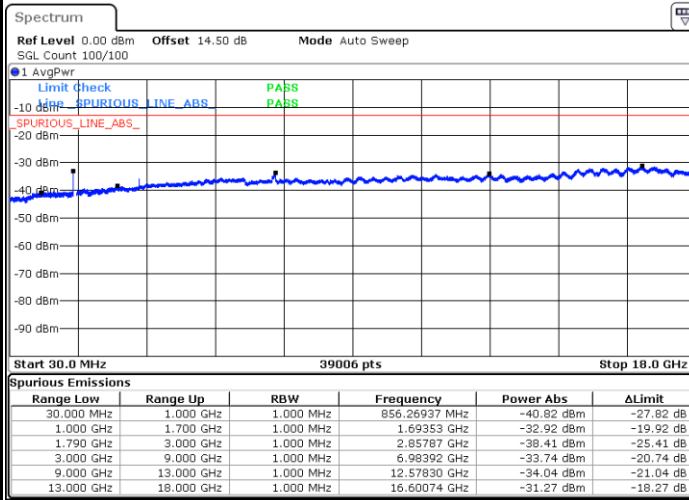


Date: 12.APR.2018 18:54:49



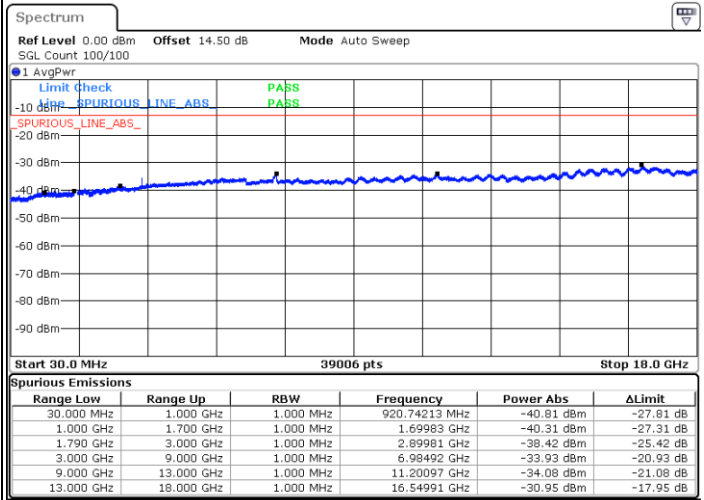
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



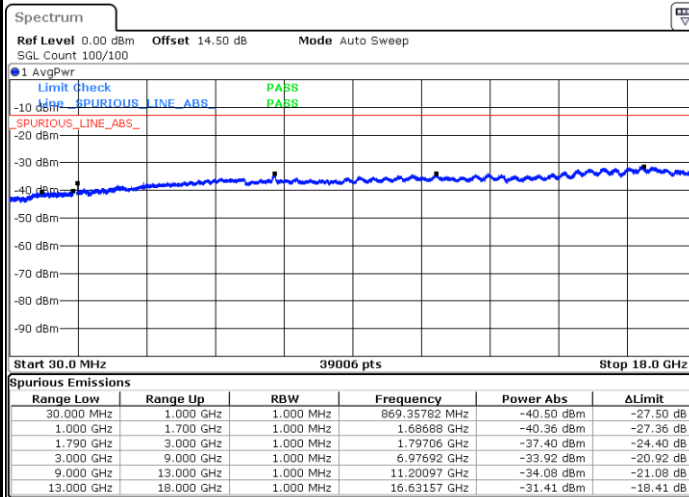
Date: 12.APR.2018 17:53:14

Middle Channel / 64QAM



Date: 12.APR.2018 17:51:39

Highest Channel / 64QAM

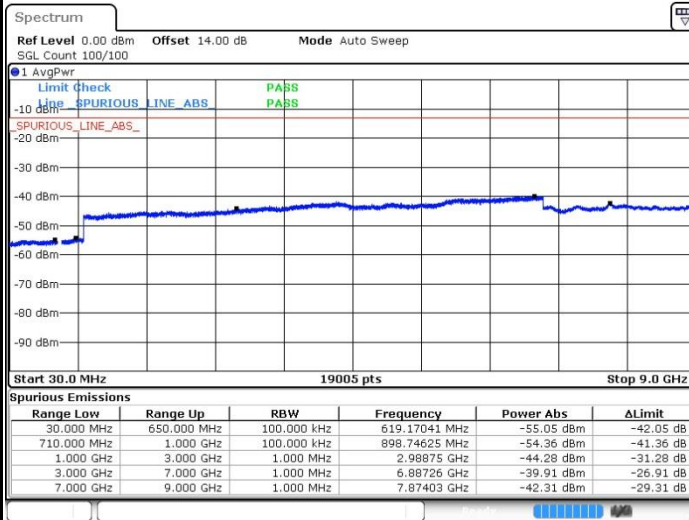


Date: 12.APR.2018 17:56:18



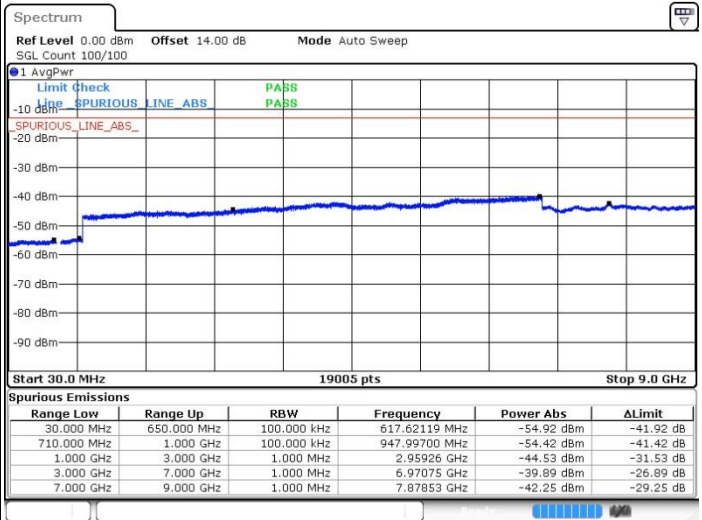
LTE Band 71 / 5MHz

Lowest Channel / QPSK



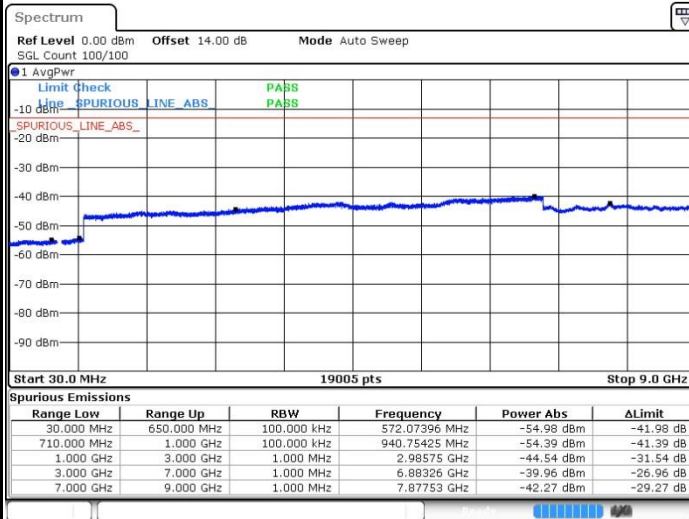
Date: 13 APR 2016 16:50:02

Lowest Channel / 16QAM



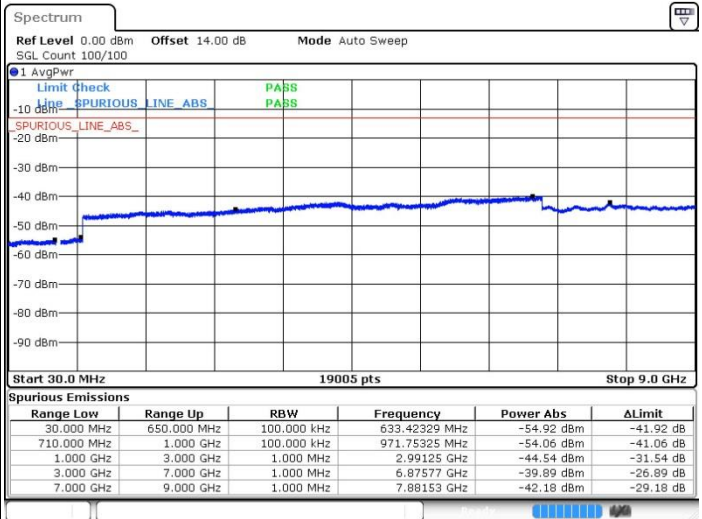
Date: 13 APR 2016 16:51:42

Middle Channel / QPSK



Date: 13 APR 2016 18:40:47

Middle Channel / 16QAM

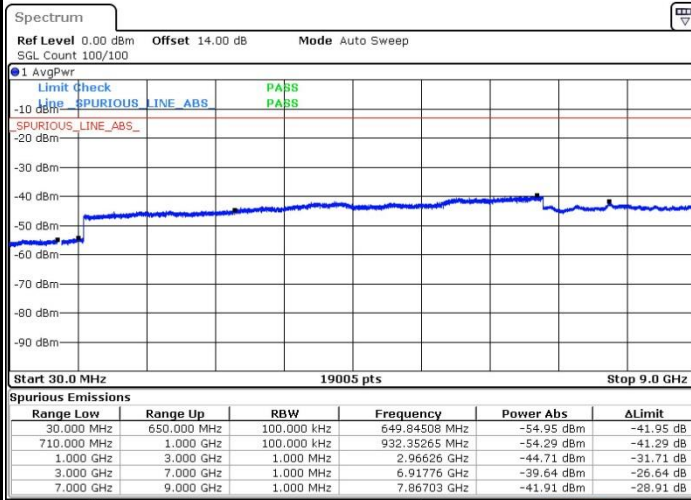


Date: 13 APR 2016 18:43:08



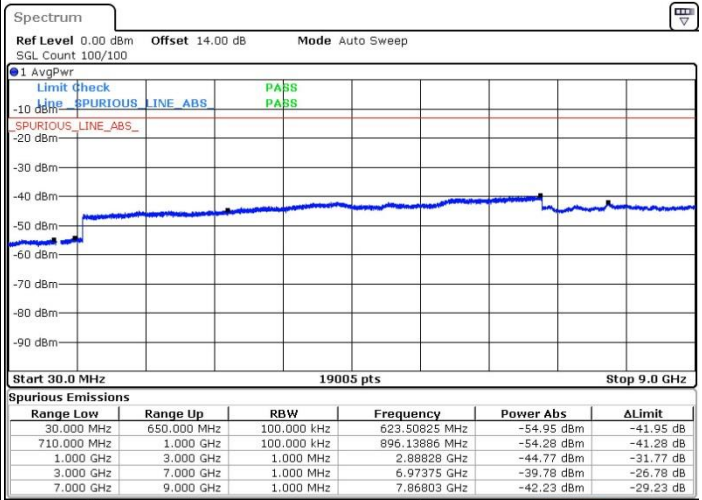
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 13 APR 2018 19:00:33

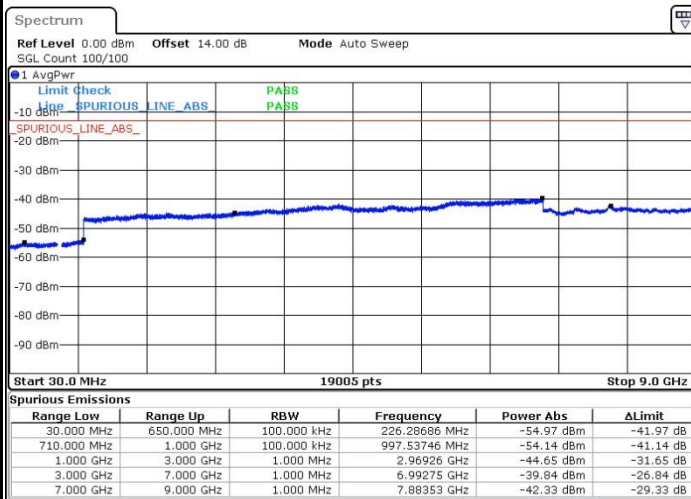
Highest Channel / 16QAM



Date: 13 APR 2018 18:56:40

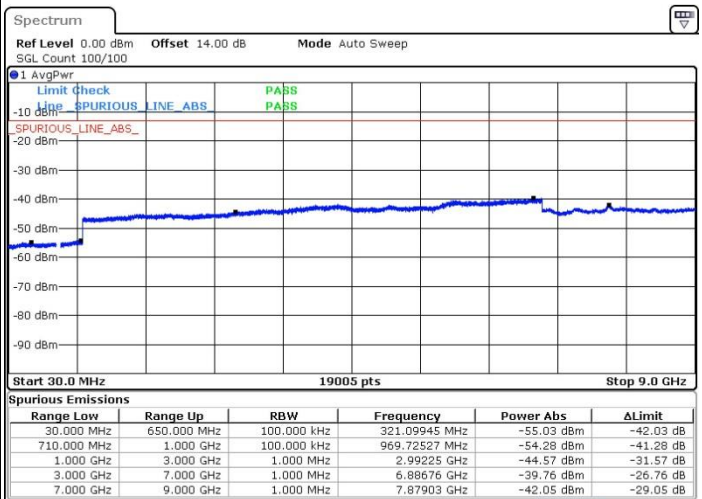
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 13 APR 2018 20:54:34

Lowest Channel / 16QAM

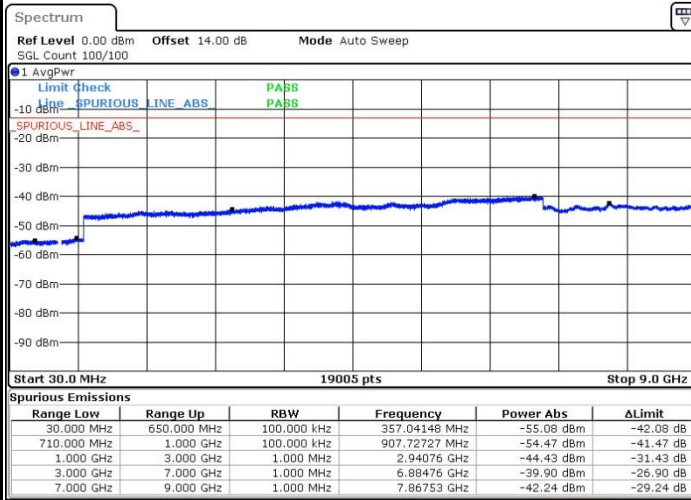


Date: 13 APR 2018 20:59:30



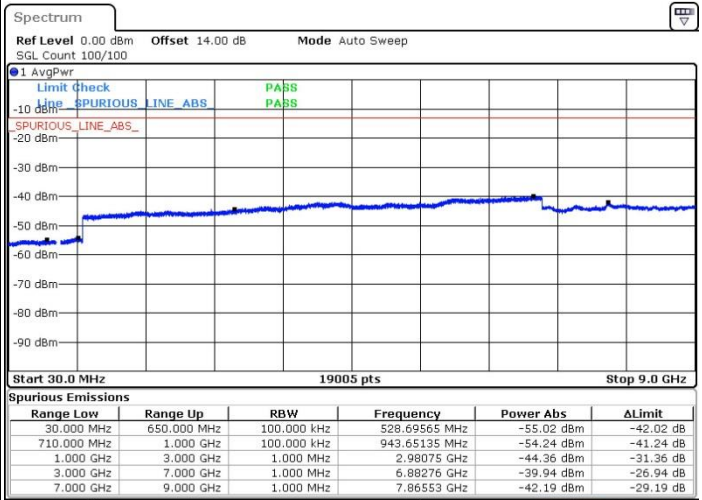
LTE Band 71 / 10MHz

Middle Channel / QPSK



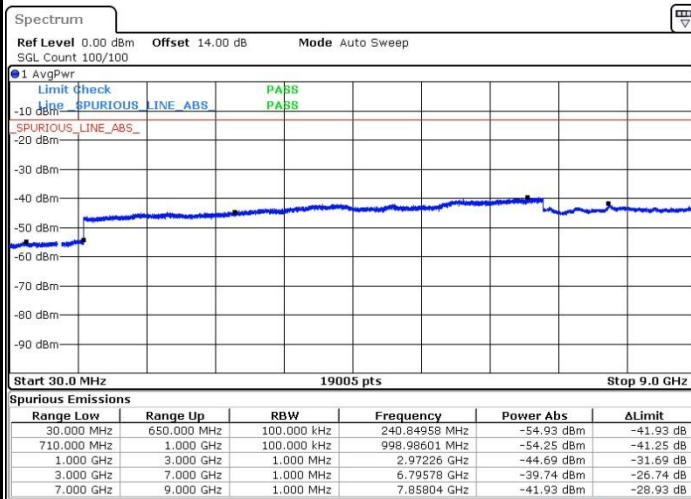
Date: 13 APR 2016 21:23:53

Middle Channel / 16QAM



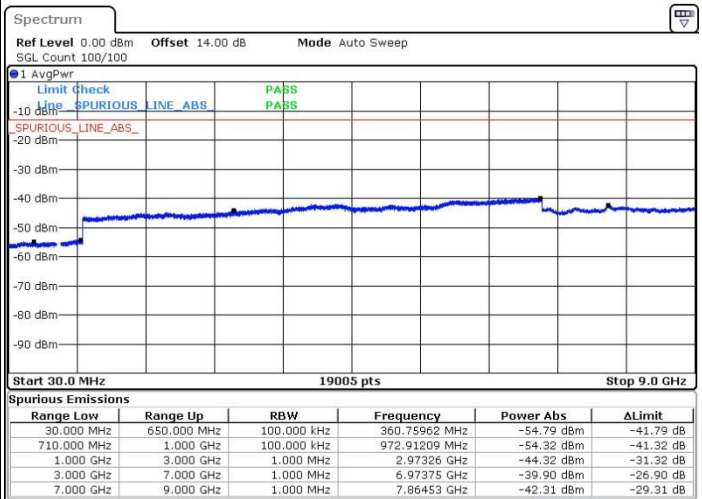
Date: 13 APR 2016 21:30:39

Highest Channel / QPSK



Date: 13 APR 2016 21:34:00

Highest Channel / 16QAM

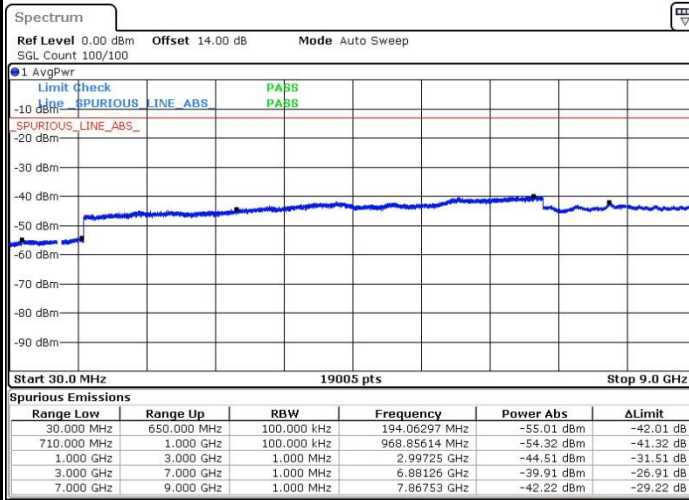


Date: 13 APR 2016 22:11:54



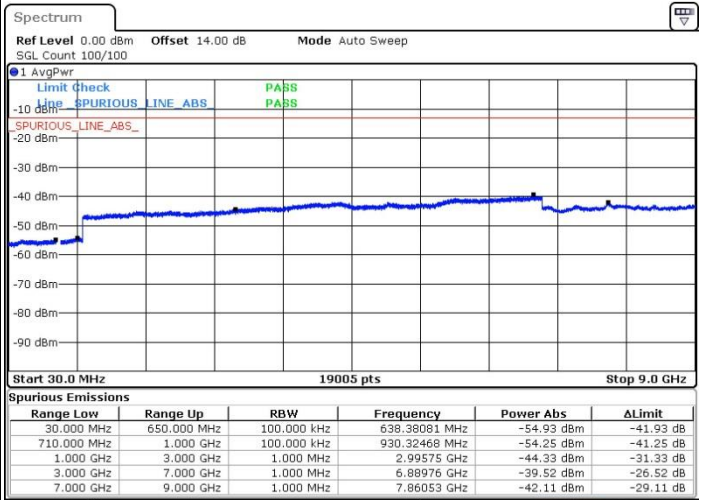
LTE Band 71 / 15MHz

Lowest Channel / QPSK



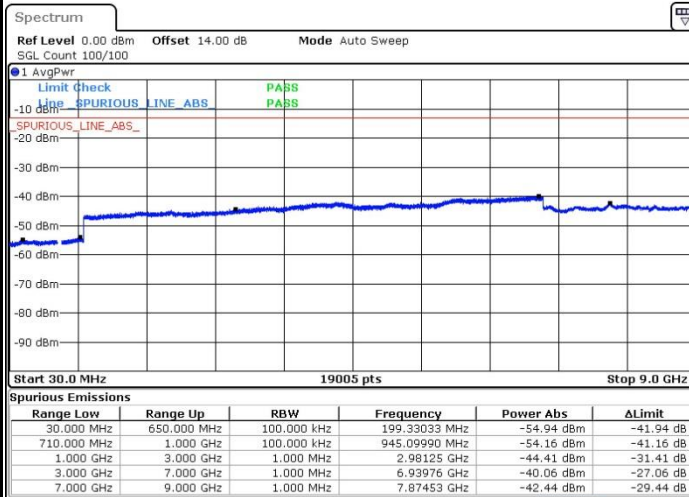
Date: 13 APR 2016 22:25:03

Lowest Channel / 16QAM



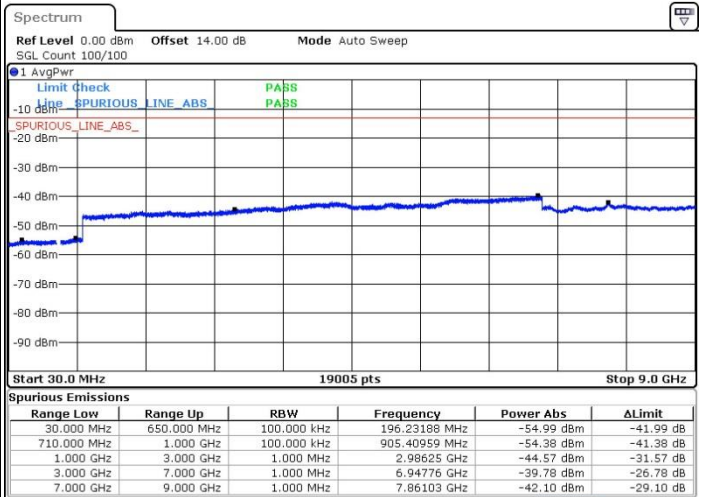
Date: 14 APR 2016 14:13:50

Middle Channel / QPSK



Date: 14 APR 2016 14:40:07

Middle Channel / 16QAM

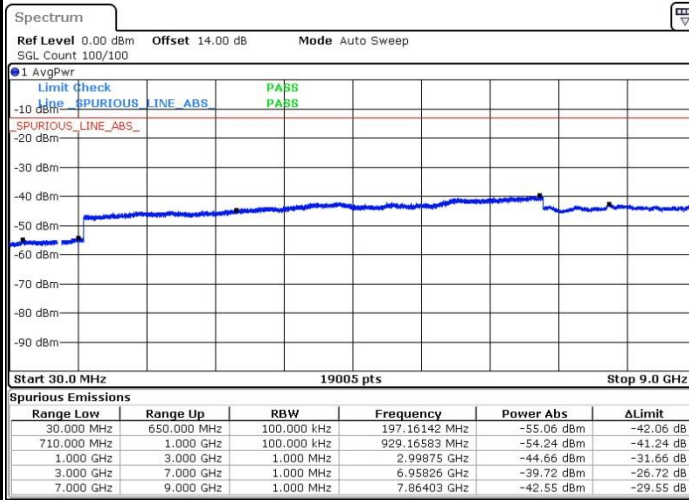


Date: 14 APR 2016 14:38:46



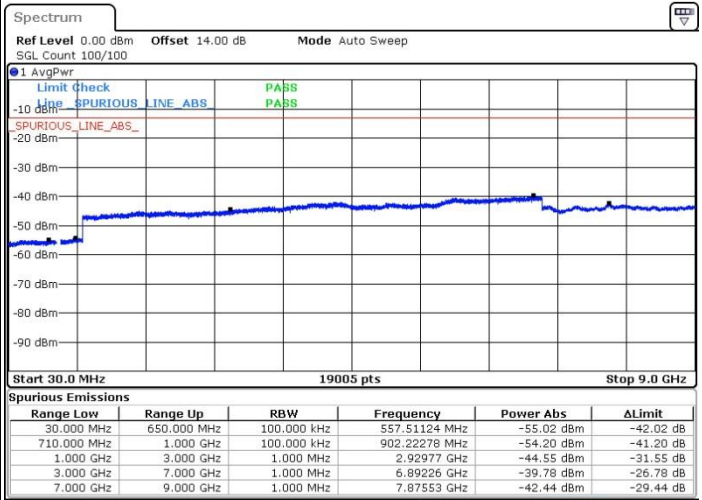
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 14 APR 2018 15:07:54

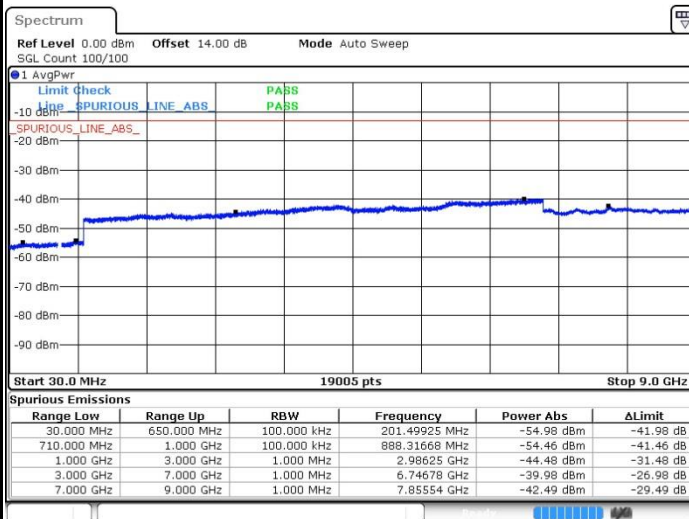
Highest Channel / 16QAM



Date: 14 APR 2018 15:07:01

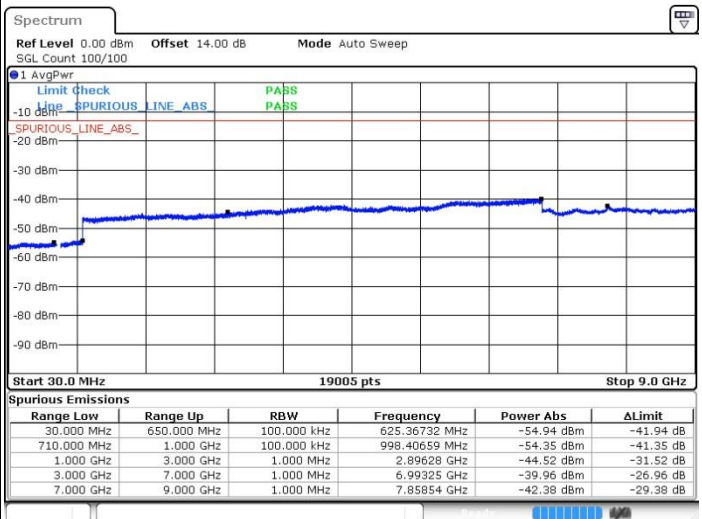
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 14 APR 2018 15:33:24

Lowest Channel / 16QAM

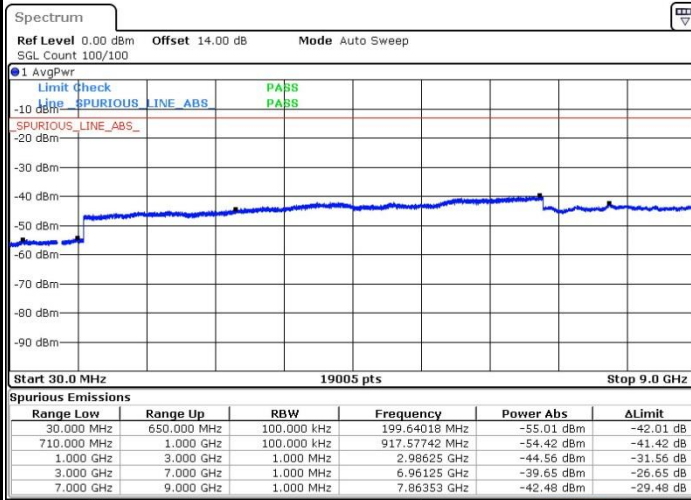


Date: 14 APR 2018 15:29:34



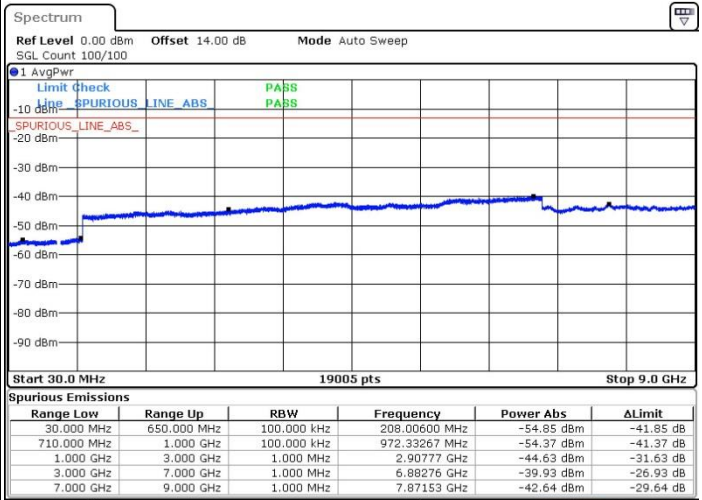
LTE Band 71 / 20MHz

Middle Channel / QPSK



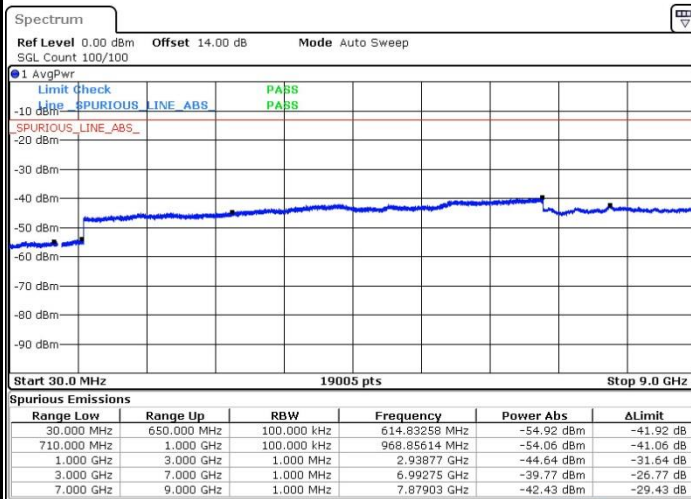
Date: 14 APR 2016 15:36:15

Middle Channel / 16QAM



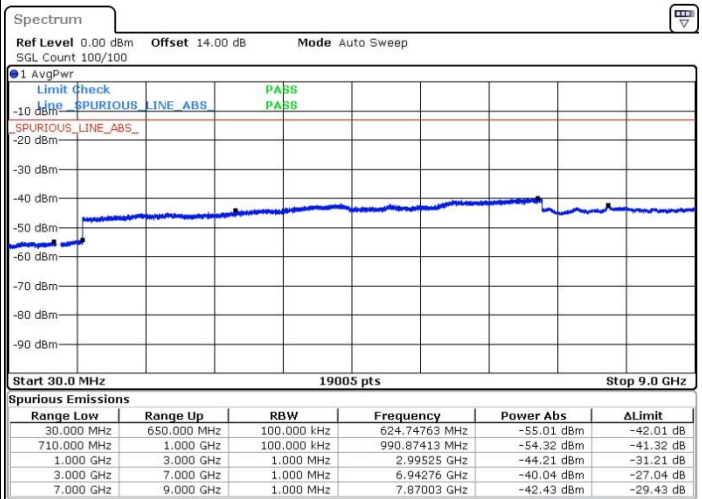
Date: 14 APR 2016 15:37:03

Highest Channel / QPSK



Date: 14 APR 2016 15:51:43

Highest Channel / 16QAM

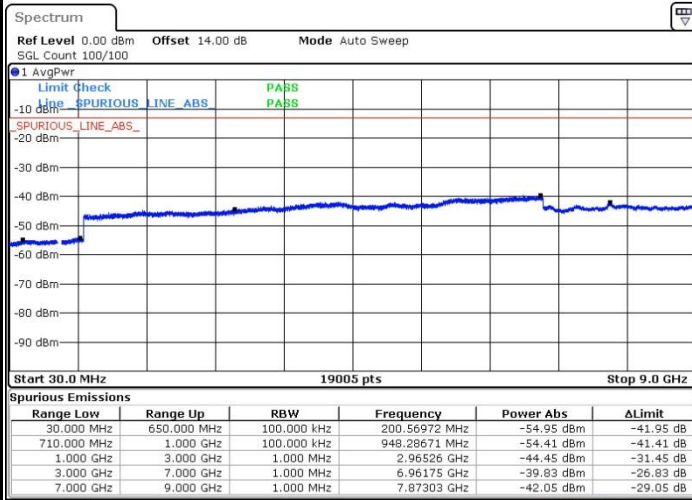


Date: 14 APR 2016 15:53:03



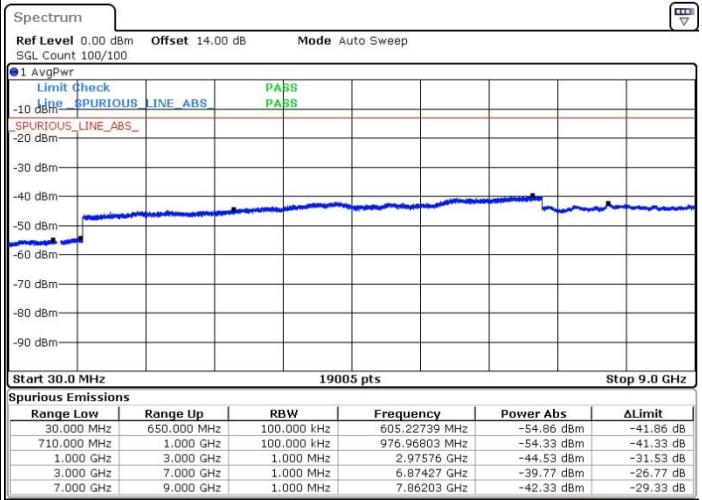
LTE Band 71 / 5MHz

Lowest Channel / 64QAM



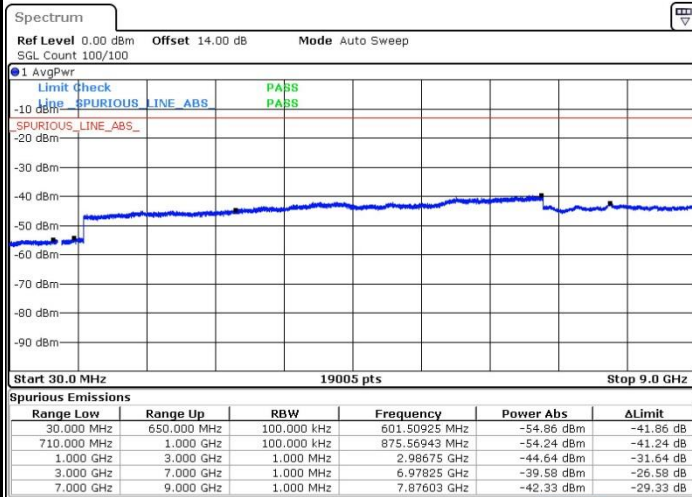
Date: 13 APR 2018 18:34:10

Middle Channel / 64QAM



Date: 13 APR 2018 18:43:37

Highest Channel / 64QAM

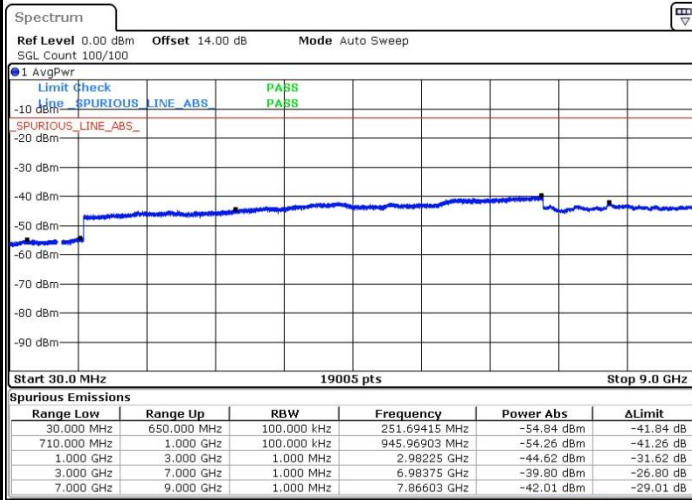


Date: 13 APR 2018 18:45:16



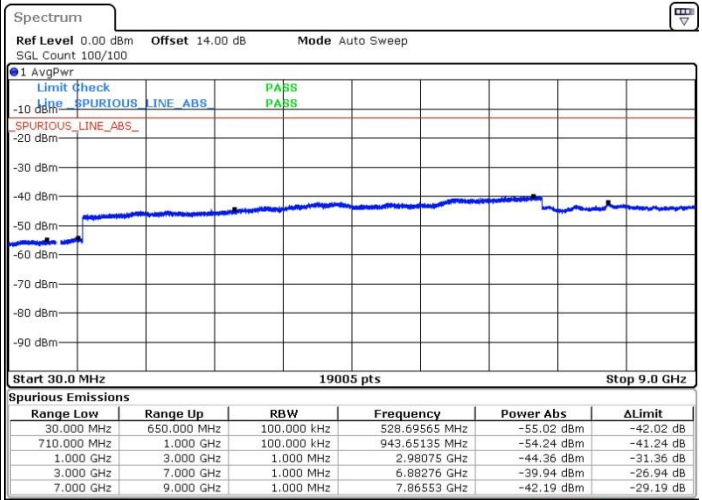
LTE Band 71 / 10MHz

Lowest Channel / 64QAM



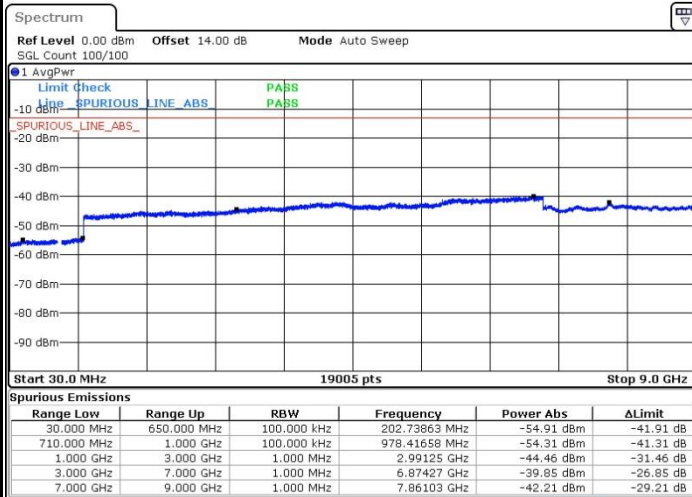
Date: 13 APR 2016 21:16:15

Middle Channel / 64QAM



Date: 13 APR 2016 21:30:39

Highest Channel / 64QAM

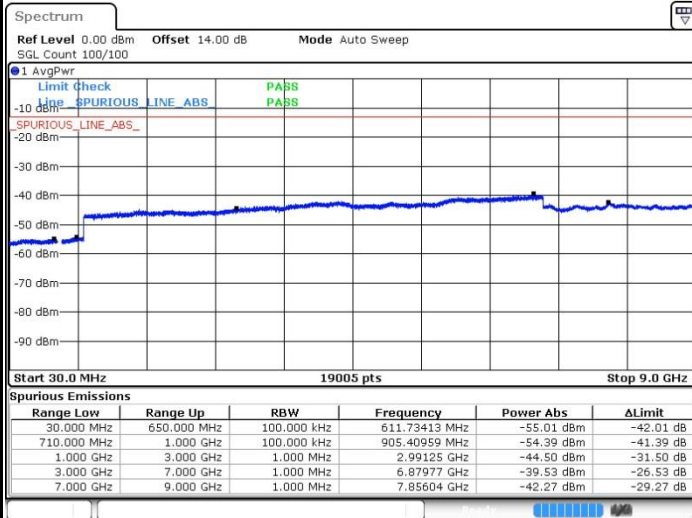


Date: 13 APR 2016 22:15:49



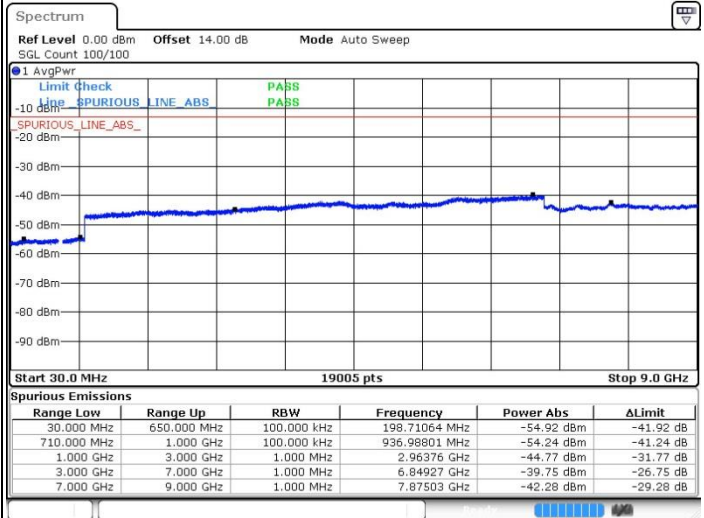
LTE Band 71 / 15MHz

Lowest Channel / 64QAM



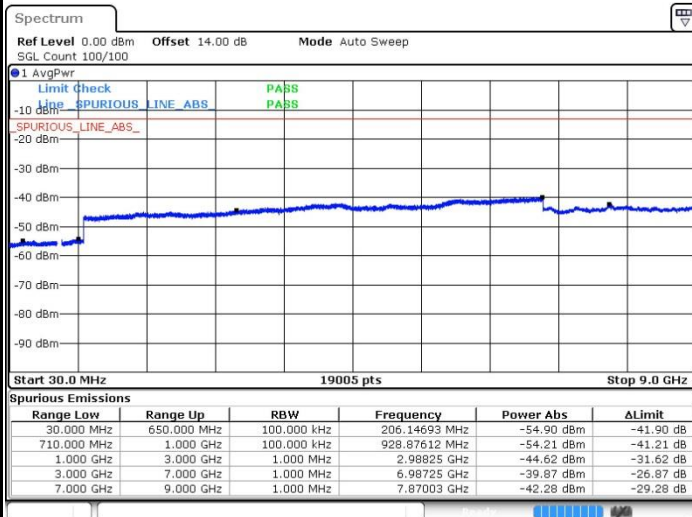
Date: 14 APR 2018 14:26:21

Middle Channel / 64QAM



Date: 14 APR 2018 14:37:40

Highest Channel / 64QAM

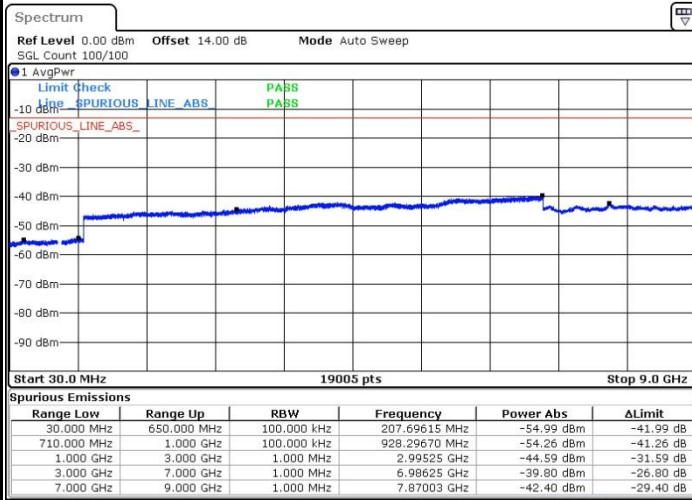


Date: 14 APR 2018 15:04:53



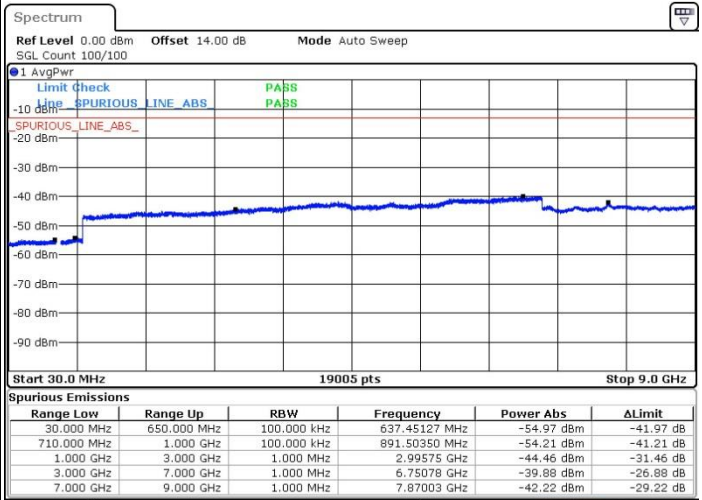
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



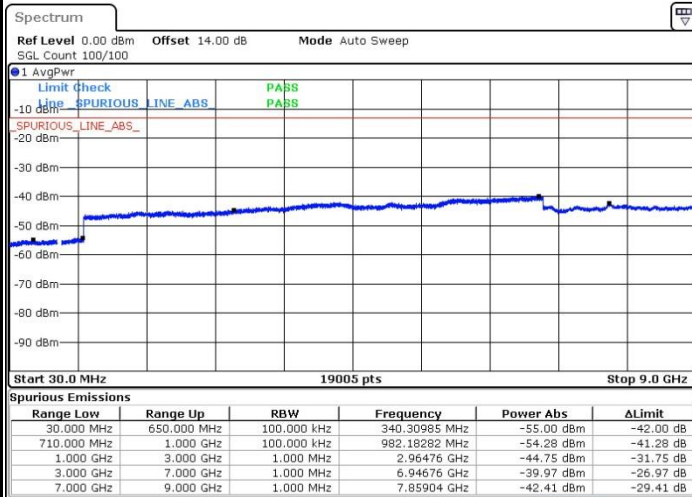
Date: 14 APR 2018 15:23:01

Middle Channel / 64QAM



Date: 14 APR 2018 15:38:29

Highest Channel / 64QAM



Date: 14 APR 2018 15:55:53

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	0.0072	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0076	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0093	
-20	Normal Voltage	0.0057	
-30	Normal Voltage	0.0067	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0065	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0050	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0061	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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	0.0045	PASS
40	Normal Voltage	0.0040	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0043	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0053	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0062	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0126	
30	Normal Voltage	0.0142	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0138	
0	Normal Voltage	0.0112	
-10	Normal Voltage	0.0155	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0103	
20	Maximum Voltage	0.0080	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.74	-64.30	-13	-51.30	-75.55	-71.54	5.36	12.60	H
	5638.11	-58.27	-13	-45.27	-74.15	-63.85	7.52	13.10	H
	7517.48	-59.74	-13	-46.74	-78.06	-63.23	7.85	11.34	H
	9396.85	-56.46	-13	-43.46	-79.89	-60.05	8.31	11.90	H
	11276.22	-53.16	-13	-40.16	-76.21	-55.82	8.84	11.50	H
	3758.74	-64.18	-13	-51.18	-76.65	-71.42	5.36	12.60	V
	5638.11	-61.60	-13	-48.60	-77.92	-67.18	7.52	13.10	V
	7517.48	-60.98	-13	-47.98	-79.2	-64.47	7.85	11.34	V
	9396.85	-57.33	-13	-44.33	-80.14	-60.92	8.31	11.90	V
	11276.22	-56.46	-13	-43.46	-79.26	-59.12	8.84	11.50	V

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

LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3757.3	-63.95	-13	-50.95	-75.20	-71.19	5.36	12.60	H
	5635.95	-58.61	-13	-45.61	-74.49	-64.19	7.52	13.10	H
	7514.6	-60.91	-13	-47.91	-79.23	-64.40	7.85	11.34	H
	9393.25	-56.96	-13	-43.96	-80.39	-60.55	8.31	11.90	H
	11271.9	-53.39	-13	-40.39	-76.44	-56.05	8.84	11.50	H
	3757.3	-64.37	-13	-51.37	-76.84	-71.61	5.36	12.60	V
	5635.95	-62.73	-13	-49.73	-79.05	-68.31	7.52	13.10	V
	7514.6	-61.09	-13	-48.09	-79.31	-64.58	7.85	11.34	V
	9393.25	-57.54	-13	-44.54	-80.35	-61.13	8.31	11.90	V
	11271.9	-55.43	-13	-42.43	-78.23	-58.09	8.84	11.50	V

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



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3755.5	-64.56	-13	-51.56	-75.81	-71.80	5.36	12.60	H
	5633.25	-59.24	-13	-46.24	-75.12	-64.82	7.52	13.10	H
	7511	-60.99	-13	-47.99	-79.31	-64.48	7.85	11.34	H
	9388.75	-56.63	-13	-43.63	-80.06	-60.22	8.31	11.90	H
	11266.5	-53.60	-13	-40.60	-76.65	-56.26	8.84	11.50	H
	3755.5	-64.22	-13	-51.22	-76.69	-71.46	5.36	12.60	V
	5633.25	-62.68	-13	-49.68	-79	-68.26	7.52	13.10	V
	7511	-61.17	-13	-48.17	-79.39	-64.66	7.85	11.34	V
	9388.75	-57.46	-13	-44.46	-80.27	-61.05	8.31	11.90	V
	11266.5	-54.75	-13	-41.75	-77.55	-57.41	8.84	11.50	V

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

LTE Band 2 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3751	-63.98	-13	-50.98	-75.23	-71.22	5.36	12.60	H
	5626.5	-58.52	-13	-45.52	-74.40	-64.10	7.52	13.10	H
	7502	-60.75	-13	-47.75	-79.07	-64.24	7.85	11.34	H
	9377.5	-56.82	-13	-43.82	-80.25	-60.41	8.31	11.90	H
	11253	-53.28	-13	-40.28	-76.33	-55.94	8.84	11.50	H
	3751	-64.25	-13	-51.25	-76.72	-71.49	5.36	12.60	V
	5626.5	-61.98	-13	-48.98	-78.3	-67.56	7.52	13.10	V
	7502	-61.25	-13	-48.25	-79.47	-64.74	7.85	11.34	V
	9377.5	-57.31	-13	-44.31	-80.12	-60.90	8.31	11.90	V
	11253	-55.94	-13	-42.94	-78.74	-58.60	8.84	11.50	V

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



LTE Band 2 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3746.5	-63.86	-13	-50.86	-75.11	-71.10	5.36	12.60	H
	5619.75	-58.67	-13	-45.67	-74.55	-64.25	7.52	13.10	H
	7493	-61.31	-13	-48.31	-79.63	-64.80	7.85	11.34	H
	9366.25	-56.82	-13	-43.82	-80.25	-60.41	8.31	11.90	H
	11239.5	-52.87	-13	-39.87	-75.92	-55.53	8.84	11.50	H
	3746.5	-63.91	-13	-50.91	-76.38	-71.15	5.36	12.60	V
	5619.75	-62.46	-13	-49.46	-78.78	-68.04	7.52	13.10	V
	7493	-61.23	-13	-48.23	-79.45	-64.72	7.85	11.34	V
	9366.25	-57.30	-13	-44.30	-80.11	-60.89	8.31	11.90	V
	11239.5	-55.87	-13	-42.87	-78.67	-58.53	8.84	11.50	V

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

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742	-63.91	-13	-50.91	-75.16	-71.15	5.36	12.60	H
	5613	-58.97	-13	-45.97	-74.85	-64.55	7.52	13.10	H
	7484	-60.65	-13	-47.65	-78.97	-64.14	7.85	11.34	H
	9355	-56.86	-13	-43.86	-80.29	-60.45	8.31	11.90	H
	11226	-53.32	-13	-40.32	-76.37	-55.98	8.84	11.50	H
	3742	-63.45	-13	-50.45	-75.92	-70.69	5.36	12.60	V
	5613	-62.17	-13	-49.17	-78.49	-67.75	7.52	13.10	V
	7484	-61.08	-13	-48.08	-79.3	-64.57	7.85	11.34	V
	9355	-57.28	-13	-44.28	-80.09	-60.87	8.31	11.90	V
	11226	-55.51	-13	-42.51	-78.31	-58.17	8.84	11.50	V

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



LTE Band 4 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3463.74	-50.21	-13	-37.21	-63.91	-58.15	4.66	12.60	H
	5195.61	-60.80	-13	-47.80	-78.73	-67.19	6.31	12.70	H
	6927.48	-59.94	-13	-46.94	-79.56	-64.59	8.35	13.00	H
	3463.74	-56.64	-13	-43.64	-68.05	-64.58	4.66	12.60	V
	5195.61	-64.20	-13	-51.20	-77.81	-70.59	6.31	12.70	V
	6927.48	-60.43	-13	-47.43	-79.55	-65.08	8.35	13.00	V

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

LTE Band 4 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-56.06	-13	-43.06	-69.76	-64.00	4.66	12.60	H
	5193.72	-61.49	-13	-48.49	-79.42	-67.88	6.31	12.70	H
	6924.96	-59.91	-13	-46.91	-79.53	-64.56	8.35	13.00	H
	3462.48	-60.74	-13	-47.74	-72.15	-68.68	4.66	12.60	V
	5193.72	-65.63	-13	-52.63	-79.24	-72.02	6.31	12.70	V
	6924.96	-60.46	-13	-47.46	-79.58	-65.11	8.35	13.00	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	3460.68	-51.15	-13	-38.15	-64.85	-59.09	4.66	12.60	H
	5191.02	-61.33	-13	-48.33	-79.26	-67.72	6.31	12.70	H
	6921.36	-60.13	-13	-47.13	-79.75	-64.78	8.35	13.00	H
	3460.68	-56.66	-13	-43.66	-68.07	-64.60	4.66	12.60	V
	5191.02	-64.73	-13	-51.73	-78.34	-71.12	6.31	12.70	V
	6921.36	-60.49	-13	-47.49	-79.61	-65.14	8.35	13.00	V

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



LTE Band 4 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-49.79	-13	-36.79	-63.49	-57.73	4.66	12.60	H
	5184.27	-61.11	-13	-48.11	-79.04	-67.50	6.31	12.70	H
	6912.36	-59.73	-13	-46.73	-79.35	-64.38	8.35	13.00	H
	3456.18	-55.68	-13	-42.68	-67.09	-63.62	4.66	12.60	V
	5184.27	-64.98	-13	-51.98	-78.59	-71.37	6.31	12.70	V
	6912.36	-60.69	-13	-47.69	-79.81	-65.34	8.35	13.00	V

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

LTE Band 4 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-49.65	-13	-36.65	-63.35	-57.59	4.66	12.60	H
	5177.52	-61.45	-13	-48.45	-79.38	-67.84	6.31	12.70	H
	6903.36	-60.33	-13	-47.33	-79.95	-64.98	8.35	13.00	H
	3451.68	-55.56	-13	-42.56	-66.97	-63.50	4.66	12.60	V
	5177.52	-64.79	-13	-51.79	-78.4	-71.18	6.31	12.70	V
	6903.36	-60.82	-13	-47.82	-79.94	-65.47	8.35	13.00	V

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

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-49.46	-13	-36.46	-63.16	-57.40	4.66	12.60	H
	5170.77	-61.58	-13	-48.58	-79.51	-67.97	6.31	12.70	H
	6894.36	-60.37	-13	-47.37	-79.99	-65.02	8.35	13.00	H
	3447.18	-55.39	-13	-42.39	-66.8	-63.33	4.66	12.60	V
	5170.77	-64.94	-13	-51.94	-78.55	-71.33	6.31	12.70	V
	6894.36	-60.75	-13	-47.75	-79.87	-65.40	8.35	13.00	V

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



LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1671.92	-73.08	-13	-60.08	-74.79	-77.45	2.88	9.40	H
	2507.88	-69.75	-13	-56.75	-75.81	-75.70	2.5	10.60	H
	3343.84	-69.35	-13	-56.35	-77.35	-75.17	4.63	12.60	H
	1671.92	-73.24	-13	-60.24	-75.08	-77.61	2.88	9.40	V
	2507.88	-70.79	-13	-57.79	-76.74	-76.74	2.50	10.60	V
	3343.84	-69.39	-13	-56.39	-77.42	-75.21	4.63	12.60	V

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

LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.48	-73.05	-13	-60.05	-74.76	-77.42	2.88	9.40	H
	2505.72	-66.76	-13	-53.76	-72.82	-72.71	2.5	10.60	H
	3340.96	-69.47	-13	-56.47	-77.47	-75.29	4.63	12.60	H
	1670.48	-73.26	-13	-60.26	-75.10	-77.63	2.88	9.40	V
	2505.72	-70.84	-13	-57.84	-76.79	-76.79	2.50	10.60	V
	3340.96	-69.42	-13	-56.42	-77.45	-75.24	4.63	12.60	V

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

LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.68	-72.65	-13	-59.65	-74.36	-77.02	2.88	9.40	H
	2503.02	-67.06	-13	-54.06	-73.12	-73.01	2.5	10.60	H
	3337.36	-69.40	-13	-56.40	-77.40	-75.22	4.63	12.60	H
	1668.68	-73.18	-13	-60.18	-75.02	-77.55	2.88	9.40	V
	2503.02	-70.66	-13	-57.66	-76.61	-76.61	2.50	10.60	V
	3337.36	-69.37	-13	-56.37	-77.40	-75.19	4.63	12.60	V

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



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-72.70	-13	-59.70	-74.41	-77.07	2.88	9.40	H
	2496.27	-67.05	-13	-54.05	-73.11	-73.00	2.5	10.60	H
	3328.36	-69.41	-13	-56.41	-77.41	-75.23	4.63	12.60	H
	1664.18	-73.53	-13	-60.53	-75.37	-77.90	2.88	9.40	V
	2496.27	-70.81	-13	-57.81	-76.76	-76.76	2.50	10.60	V
	3328.36	-69.53	-13	-56.53	-77.56	-75.35	4.63	12.60	V

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

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-72.81	-40	-32.81	-74.52	-77.34	2.68	9.36	H
	2339.25	-70.41	-13	-57.41	-76.47	-76.41	2.36	10.51	H
	3119	-69.36	-13	-56.36	-77.36	-75.24	4.49	12.52	H
	1559.5	-72.76	-40	-32.76	-74.60	-77.29	2.68	9.36	V
	2339.25	-70.64	-13	-57.64	-76.59	-76.64	2.36	10.51	V
	3119	-69.38	-13	-56.38	-77.41	-75.26	4.49	12.52	V

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

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-73.03	-13	-60.03	-74.74	-77.56	2.68	9.36	H
	2332.5	-70.18	-13	-57.18	-76.24	-76.18	2.36	10.51	H
	3110	-69.41	-13	-56.41	-77.41	-75.29	4.49	12.52	H
	1555	-72.79	-13	-59.79	-74.63	-77.32	2.68	9.36	V
	2332.5	-70.54	-13	-57.54	-76.49	-76.54	2.36	10.51	V
	3110	-69.33	-13	-56.33	-77.36	-75.21	4.49	12.52	V

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



LTE Band 66 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3488.74	-50.77	-13	-37.77	-64.47	-58.81	4.66	12.70	H
	5233.11	-61.05	-13	-48.05	-78.98	-67.54	6.31	12.80	H
	6977.48	-59.77	-13	-46.77	-79.38	-64.52	8.35	13.10	H
	3488.74	-58.50	-13	-45.50	-69.91	-66.54	4.66	12.70	V
	5233.11	-65.42	-13	-52.42	-79.03	-71.91	6.31	12.80	V
	6977.48	-60.27	-13	-47.27	-79.39	-65.02	8.35	13.10	V

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

LTE Band 66 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3487.3	-49.06	-13	-36.06	-62.76	-57.10	4.66	12.70	H
	5230.95	-59.34	-13	-46.34	-77.27	-65.83	6.31	12.80	H
	6974.6	-59.39	-13	-46.39	-79.23	-64.14	8.35	13.10	H
	3487.3	-55.77	-13	-42.77	-67.18	-63.81	4.66	12.70	V
	5230.95	-65.11	-13	-52.11	-78.72	-71.60	6.31	12.80	V
	6974.6	-59.89	-13	-46.89	-79.01	-64.64	8.35	13.10	V

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

LTE Band 66 / 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	3485.5	-49.92	-13	-36.92	-63.62	-57.96	4.66	12.70	H
	5228.25	-60.37	-13	-47.37	-78.30	-66.86	6.31	12.80	H
	6971	-59.92	-13	-46.92	-79.28	-64.67	8.35	13.10	H
	3485.5	-56.82	-13	-43.82	-68.23	-64.86	4.66	12.70	V
	5228.25	-65.31	-13	-52.31	-78.92	-71.80	6.31	12.80	V
	6971	-60.42	-13	-47.42	-79.54	-65.17	8.35	13.10	V

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



LTE Band 66 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3481	-46.64	-13	-33.64	-60.34	-54.68	4.66	12.70	H
	5221.5	-61.25	-13	-48.25	-79.18	-67.74	6.31	12.80	H
	6962	-59.98	-13	-46.98	-79.64	-64.73	8.35	13.10	H
	3481	-57.64	-13	-44.64	-69.05	-65.68	4.66	12.70	V
	5221.5	-65.66	-13	-52.66	-79.27	-72.15	6.31	12.80	V
	6962	-60.48	-13	-47.48	-79.6	-65.23	8.35	13.10	V

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

LTE Band 66 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3476.5	-47.51	-13	-34.51	-61.21	-55.55	4.66	12.70	H
	5214.75	-60.89	-13	-47.89	-78.82	-67.38	6.31	12.80	H
	6953	-60.18	-13	-47.18	-79.80	-64.93	8.35	13.10	H
	3476.5	-49.80	-13	-36.80	-61.21	-57.84	4.66	12.70	V
	5214.75	-65.21	-13	-52.21	-78.82	-71.70	6.31	12.80	V
	6953	-60.68	-13	-47.68	-79.8	-65.43	8.35	13.10	V

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

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-47.99	-13	-34.99	-61.69	-56.03	4.66	12.70	H
	5208	-59.69	-13	-46.69	-77.62	-66.18	6.31	12.80	H
	6944	-59.93	-13	-46.93	-79.43	-64.68	8.35	13.10	H
	3472	-56.54	-13	-43.54	-67.95	-64.58	4.66	12.70	V
	5208	-65.49	-13	-52.49	-79.1	-71.98	6.31	12.80	V
	6944	-60.43	-13	-47.43	-79.55	-65.18	8.35	13.10	V

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



LTE Band 71 / 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	1356.5	-70.35	-13	-57.35	-73.75	-73.32	2.88	8.00	H
	2034.75	-60.65	-13	-47.65	-66.85	-65.65	3.25	10.40	H
	2713	-68.60	-13	-55.60	-77.09	-74.08	3.87	11.50	H
	1356.5	-70.33	-13	-57.33	-73.77	-73.30	2.88	8.00	V
	2034.75	-64.44	-13	-51.44	-68.83	-69.44	3.25	10.40	V
	2713	-69.56	-13	-56.56	-76.93	-75.04	3.87	11.50	V

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

LTE Band 71 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1352	-70.29	-13	-57.29	-73.69	-73.26	2.88	8.00	H
	2028	-63.27	-13	-50.27	-69.47	-68.27	3.25	10.40	H
	2704	-68.33	-13	-55.33	-76.82	-73.81	3.87	11.50	H
	1352	-70.28	-13	-57.28	-73.72	-73.25	2.88	8.00	V
	2028	-65.72	-13	-52.72	-70.11	-70.72	3.25	10.40	V
	2704	-69.54	-13	-56.54	-76.91	-75.02	3.87	11.50	V

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

LTE Band 71 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1347.5	-70.23	-13	-57.23	-73.63	-73.20	2.88	8.00	H
	2021.25	-65.09	-13	-52.09	-71.29	-70.09	3.25	10.40	H
	2695	-68.43	-13	-55.43	-76.92	-73.91	3.87	11.50	H
	1347.5	-70.13	-13	-57.13	-73.57	-73.10	2.88	8.00	V
	2021.25	-68.32	-13	-55.32	-72.71	-73.32	3.25	10.40	V
	2695	-69.52	-13	-56.52	-76.89	-75.00	3.87	11.50	V

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



LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1343	-70.29	-13	-57.29	-73.69	-73.26	2.88	8.00	H
	2014.5	-64.26	-13	-51.26	-70.46	-69.26	3.25	10.40	H
	2686	-68.42	-13	-55.42	-76.91	-73.90	3.87	11.50	H
	1343	-70.30	-13	-57.30	-73.74	-73.27	2.88	8.00	V
	2014.5	-68.11	-13	-55.11	-72.50	-73.11	3.25	10.40	V
	2686	-69.52	-13	-56.52	-76.89	-75.00	3.87	11.50	V

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