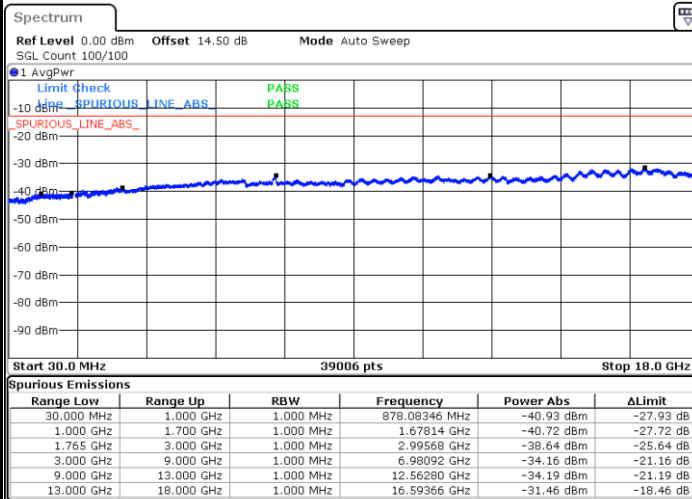




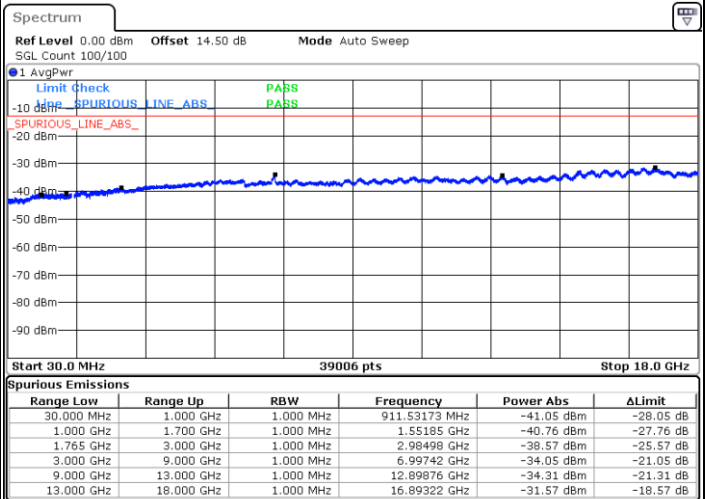
LTE Band 4 / 10MHz

Middle Channel / QPSK



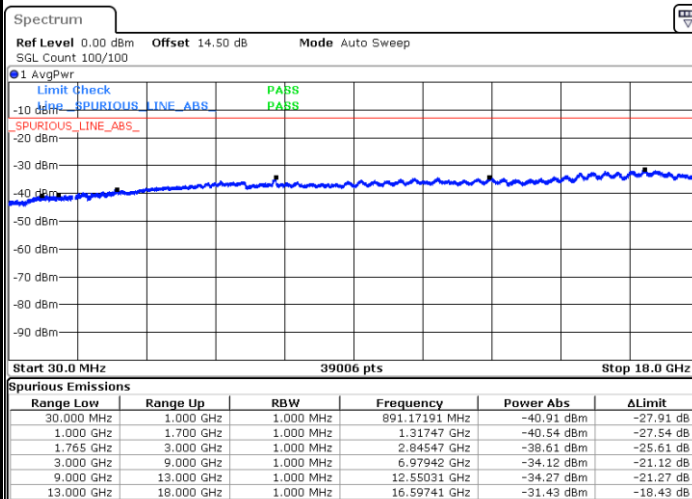
Date: 21.MAR.2018 21:41:12

Middle Channel / 16QAM



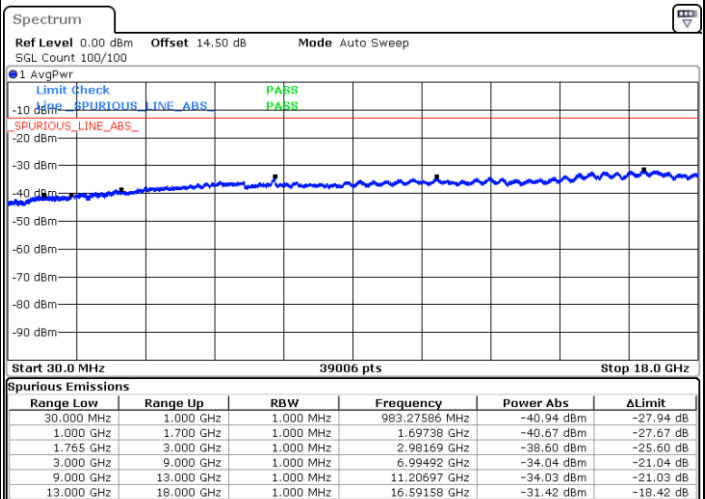
Date: 21.MAR.2018 21:42:08

Highest Channel / QPSK



Date: 21.MAR.2018 21:48:23

Highest Channel / 16QAM

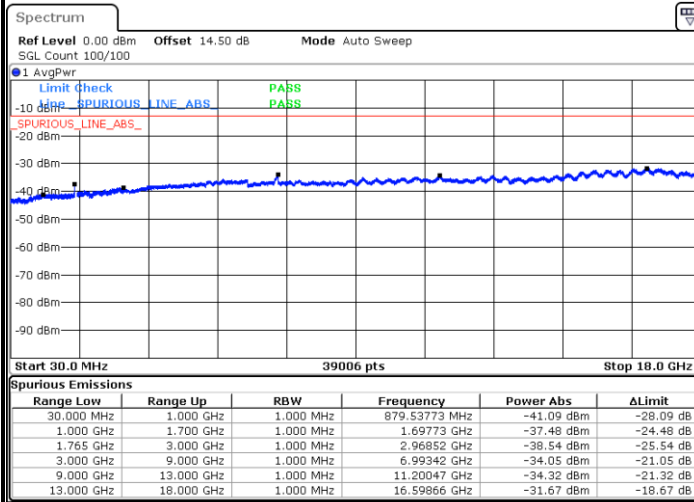


Date: 21.MAR.2018 21:49:19



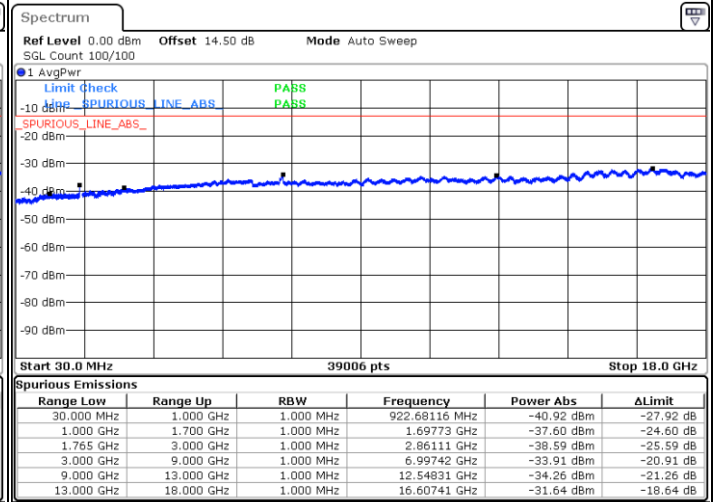
LTE Band 4 / 15MHz

Lowest Channel / QPSK



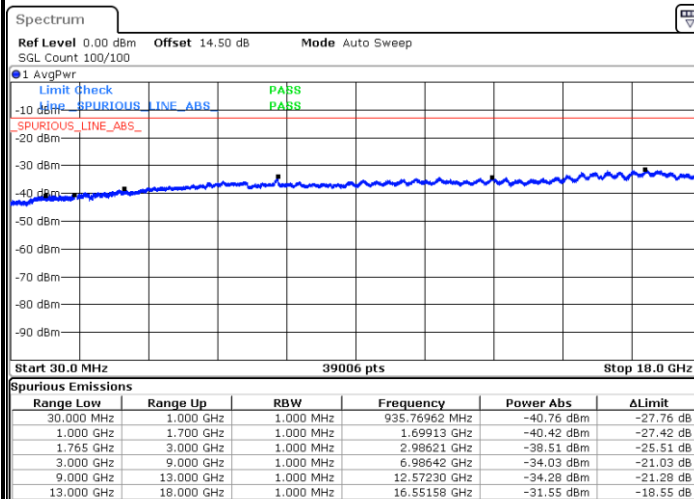
Date: 21.MAR.2018 21:55:33

Lowest Channel / 16QAM



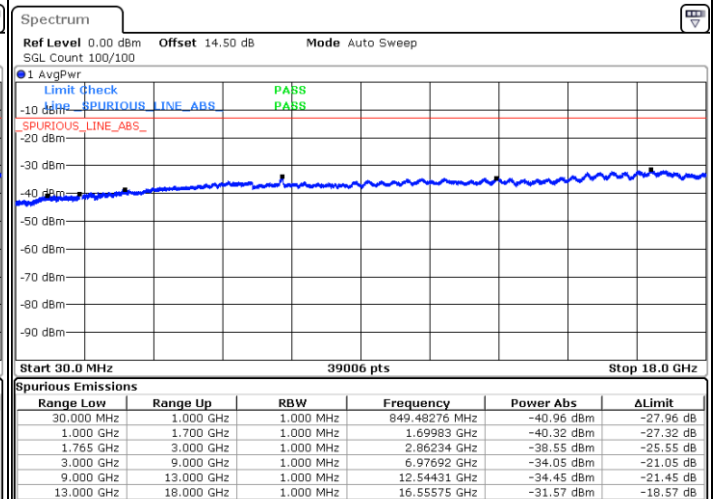
Date: 21.MAR.2018 21:56:28

Middle Channel / QPSK



Date: 21.MAR.2018 21:58:05

Middle Channel / 16QAM

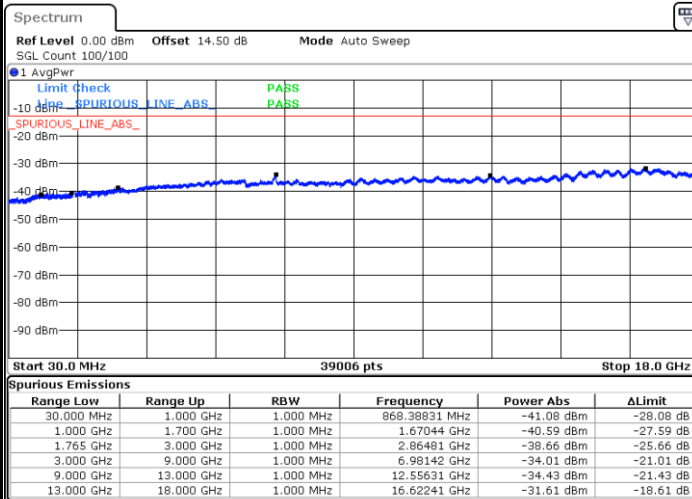


Date: 21.MAR.2018 21:59:01



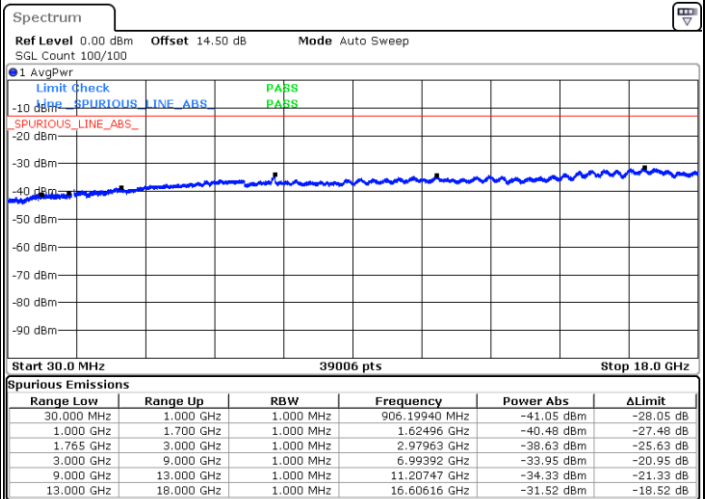
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 21.MAR.2018 22:05:15

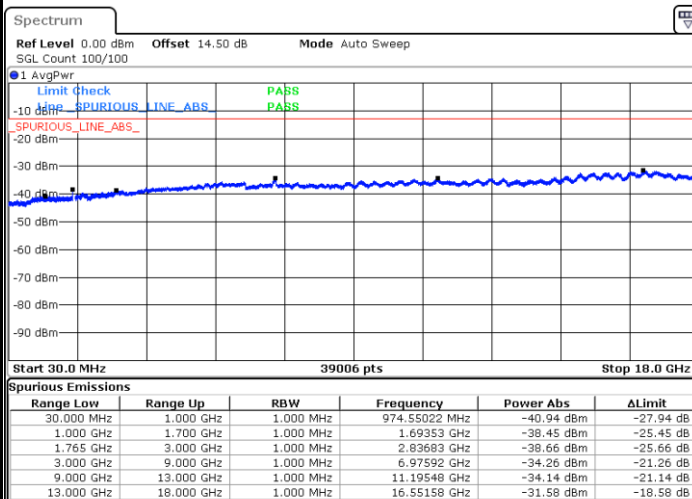
Highest Channel / 16QAM



Date: 21.MAR.2018 22:06:11

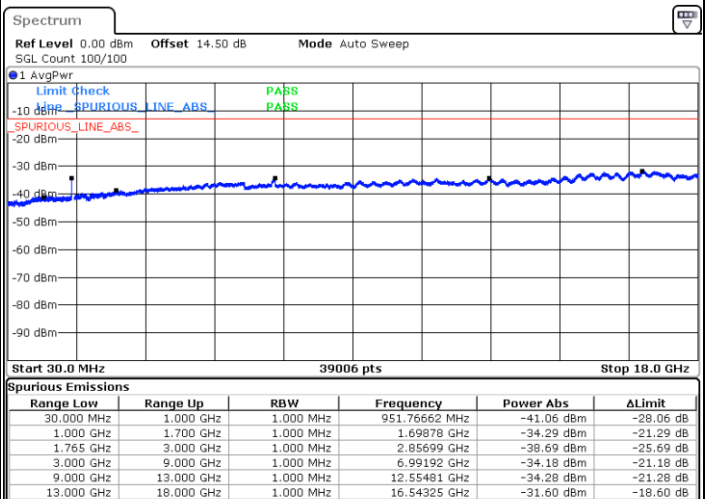
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 21.MAR.2018 22:12:24

Lowest Channel / 16QAM

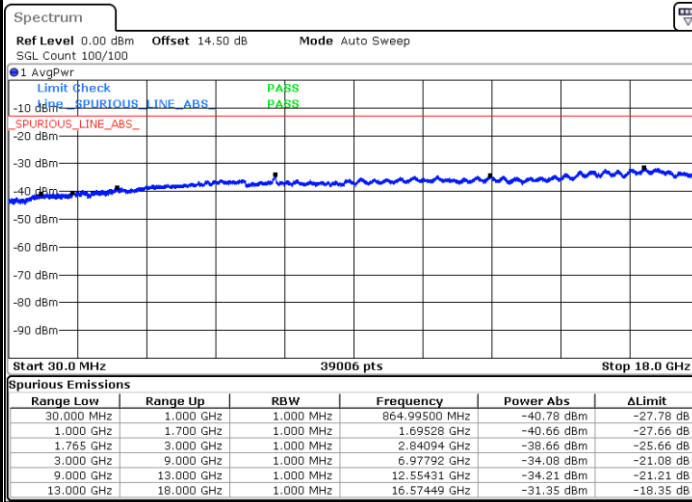


Date: 21.MAR.2018 22:13:20



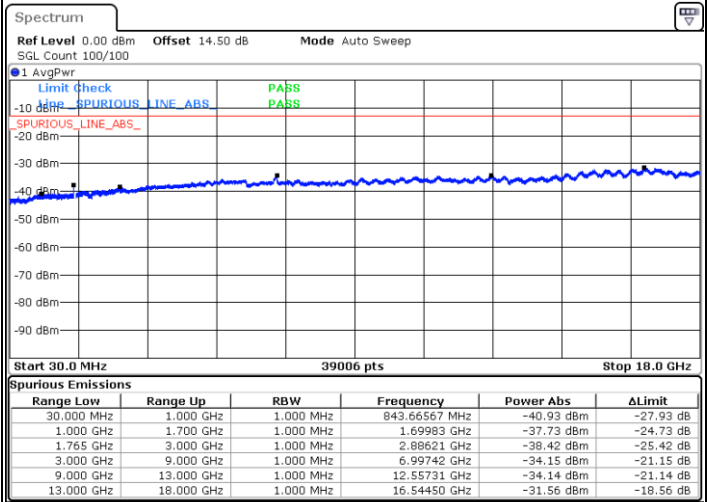
LTE Band 4 / 20MHz

Middle Channel / QPSK



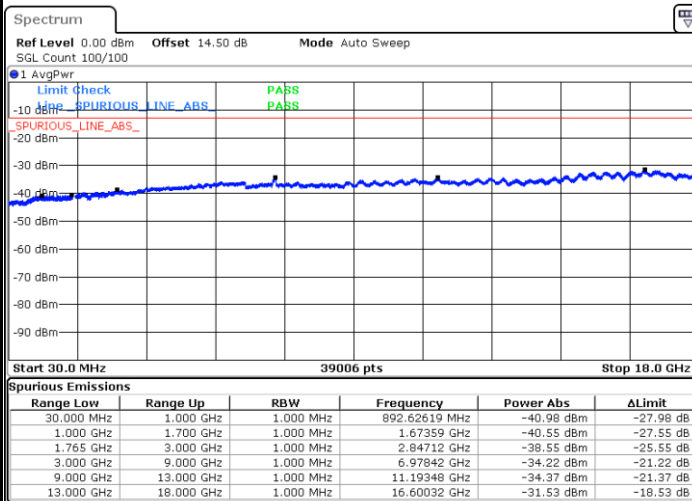
Date: 21.MAR.2018 22:14:56

Middle Channel / 16QAM



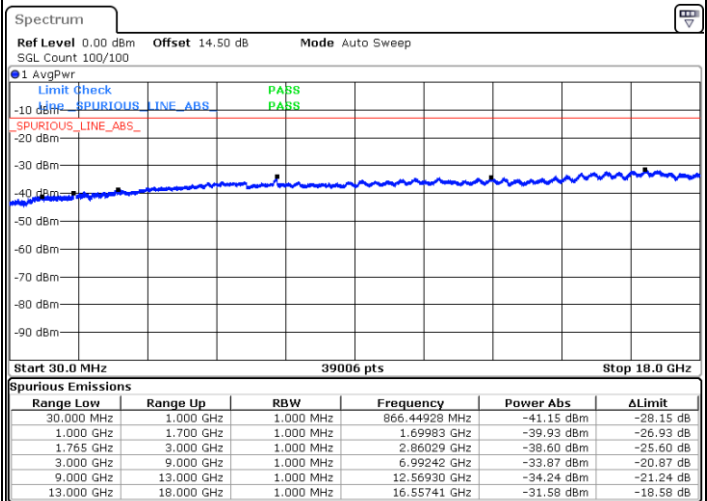
Date: 21.MAR.2018 22:15:52

Highest Channel / QPSK



Date: 21.MAR.2018 22:22:05

Highest Channel / 16QAM

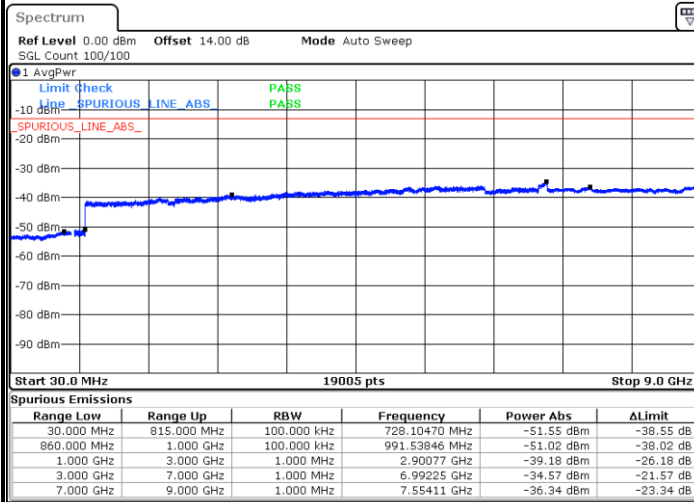


Date: 21.MAR.2018 22:23:01



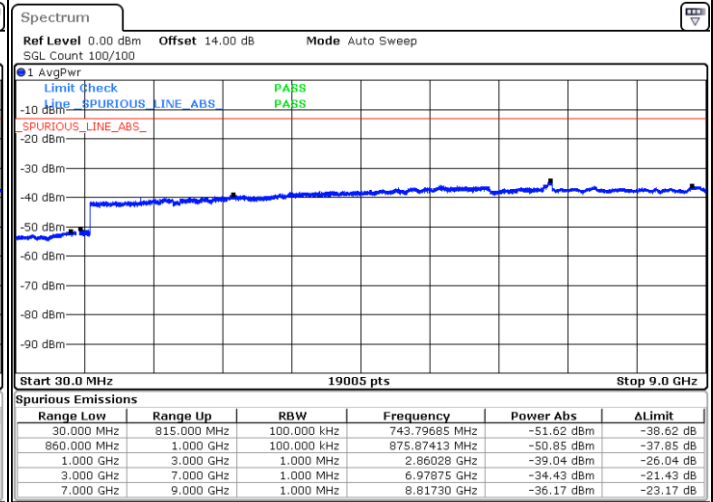
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



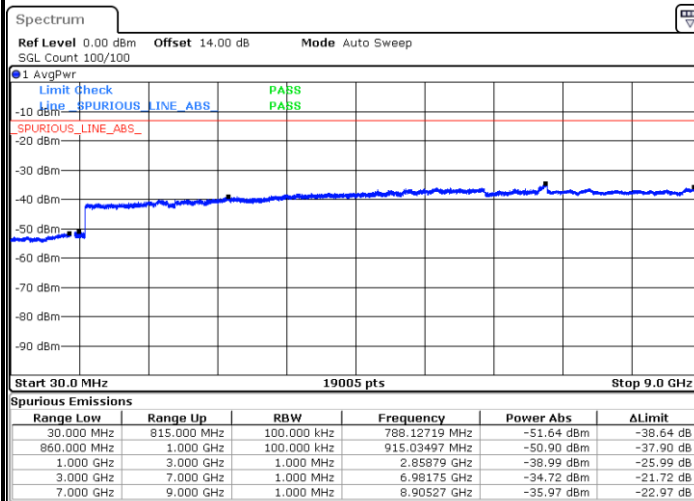
Date: 22.MAR.2018 03:49:57

Lowest Channel / 16QAM



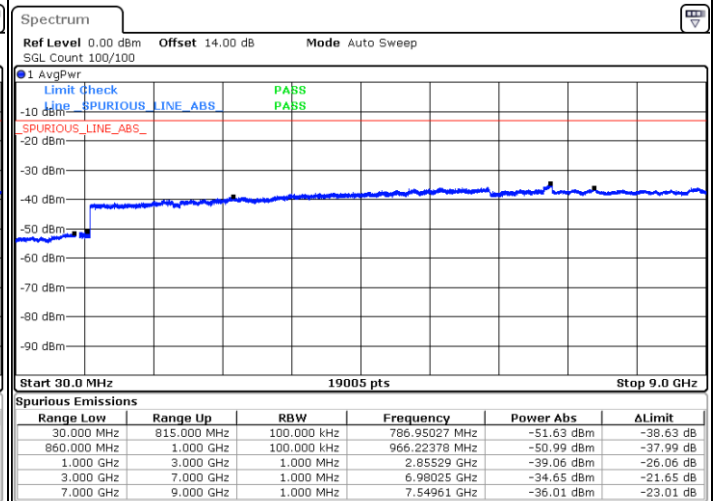
Date: 22.MAR.2018 03:50:52

Middle Channel / QPSK



Date: 22.MAR.2018 03:52:28

Middle Channel / 16QAM

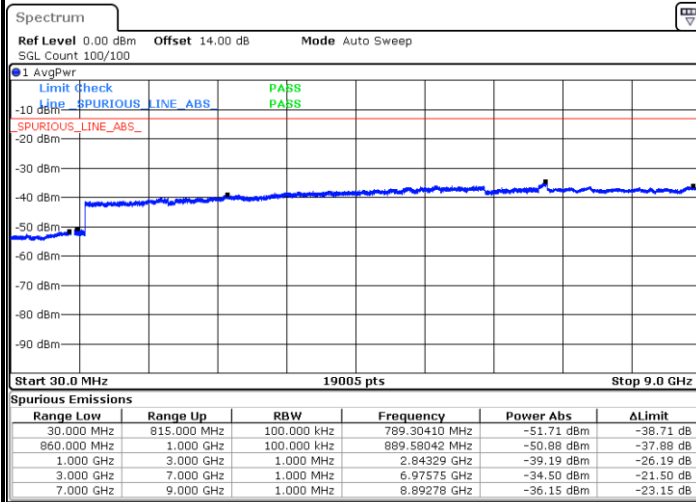


Date: 22.MAR.2018 03:53:24



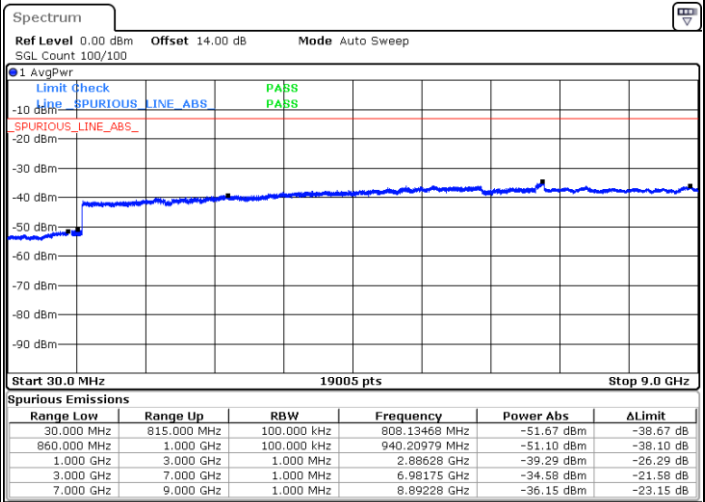
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 22.MAR.2018 04:01:39

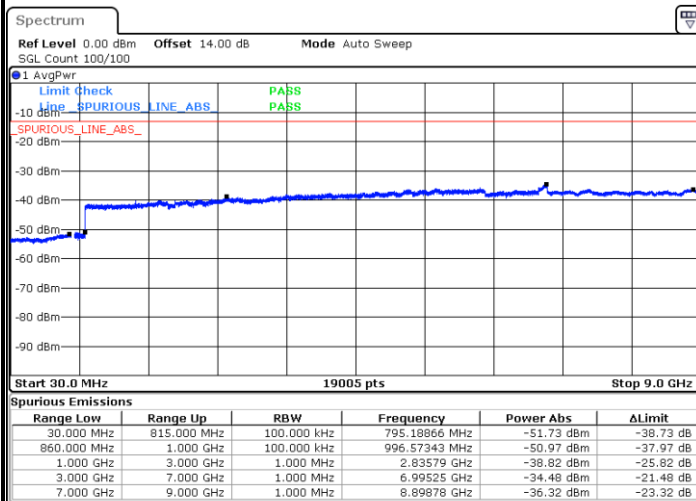
Highest Channel / 16QAM



Date: 22.MAR.2018 04:02:35

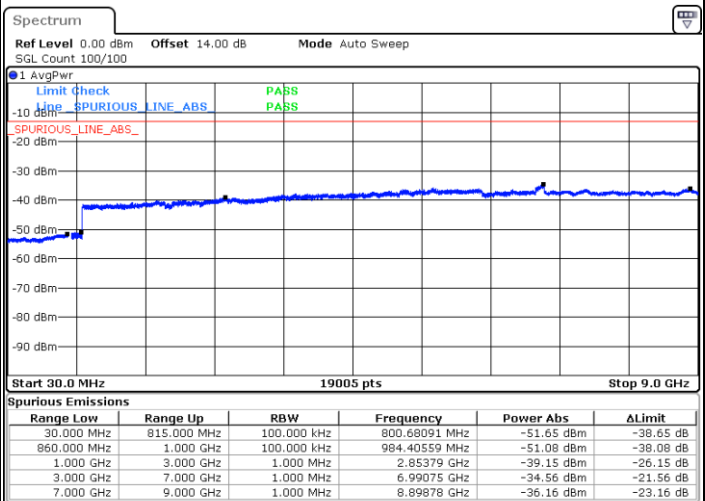
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 22.MAR.2018 04:10:51

Lowest Channel / 16QAM

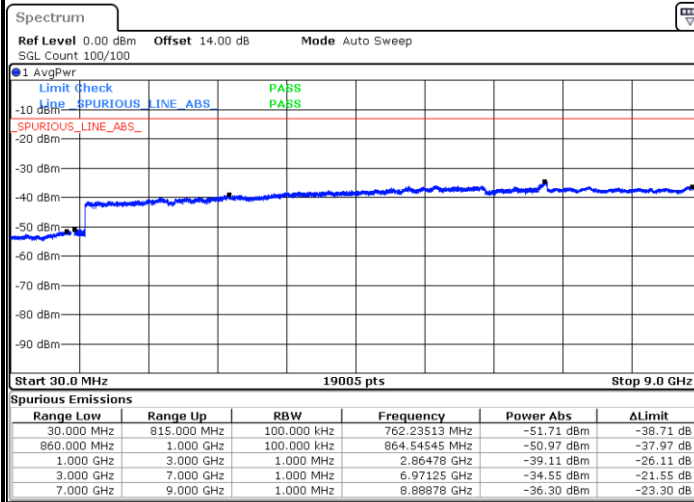


Date: 22.MAR.2018 04:11:47



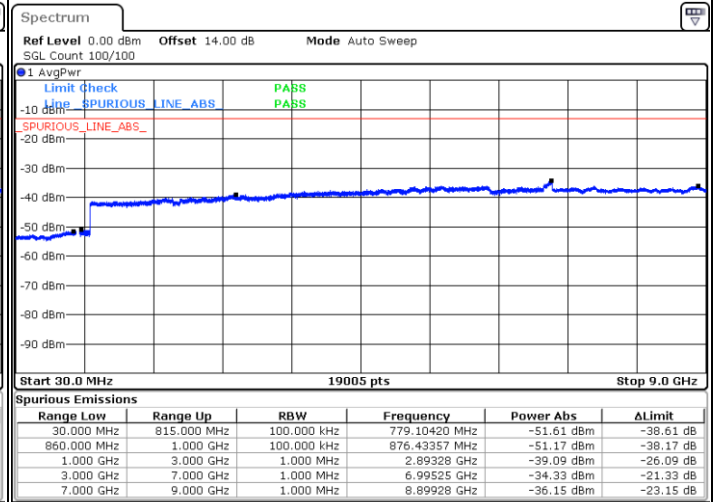
LTE Band 5 / 3MHz

Middle Channel / QPSK



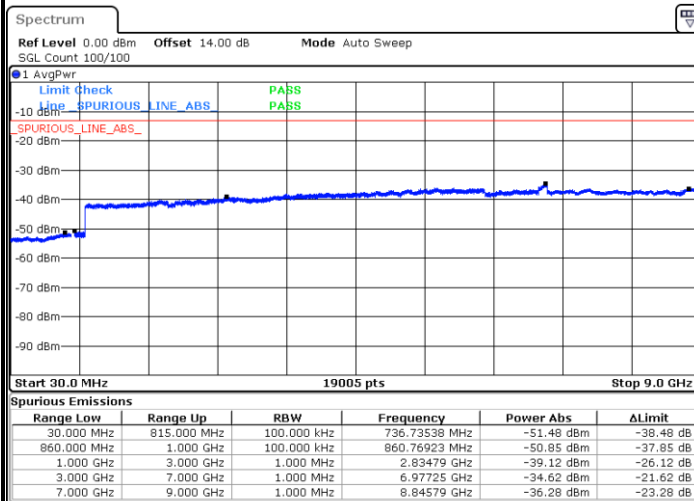
Date: 22.MAR.2018 04:13:24

Middle Channel / 16QAM



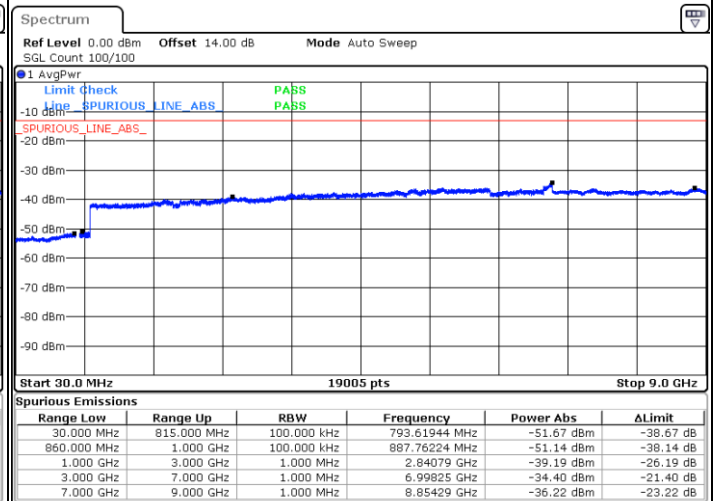
Date: 22.MAR.2018 04:14:20

Highest Channel / QPSK



Date: 22.MAR.2018 04:22:36

Highest Channel / 16QAM

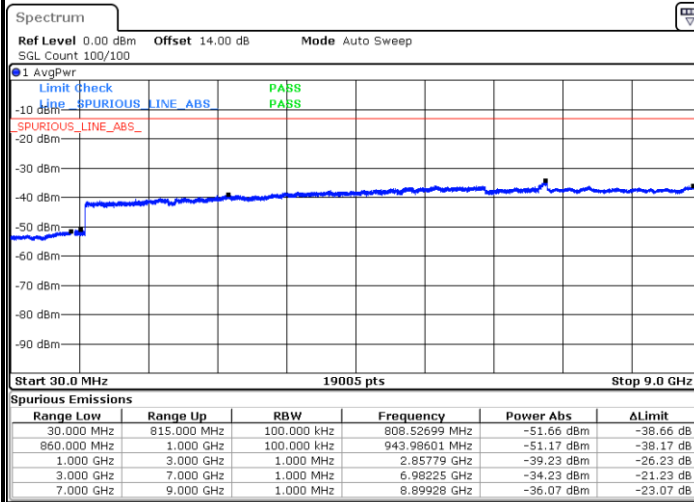


Date: 22.MAR.2018 04:23:32



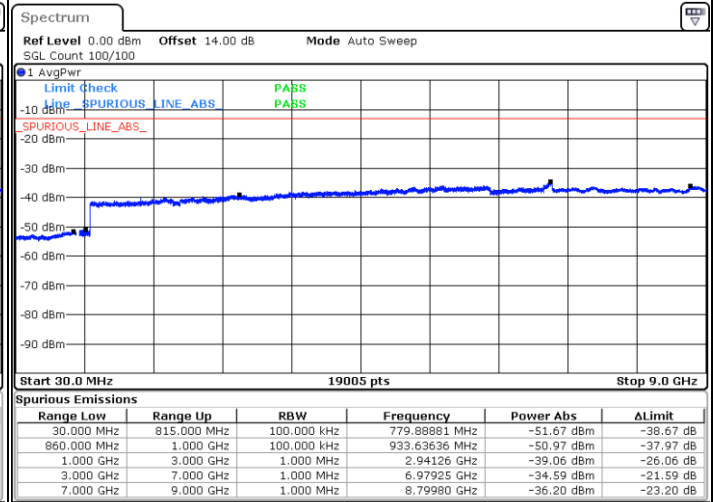
LTE Band 5 / 5MHz

Lowest Channel / QPSK



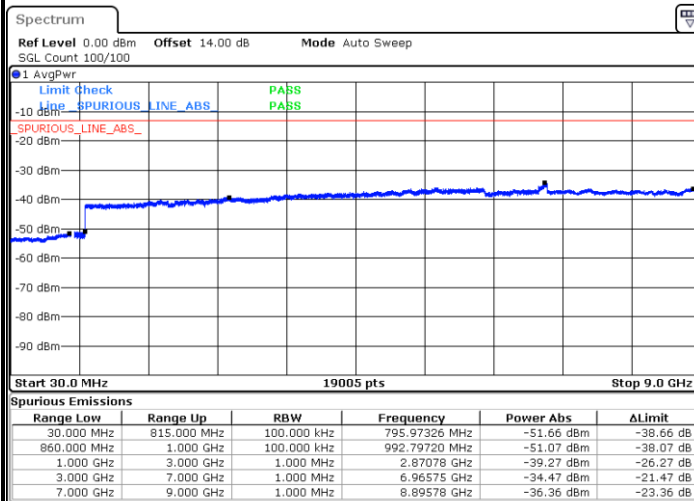
Date: 22.MAR.2018 04:31:50

Lowest Channel / 16QAM



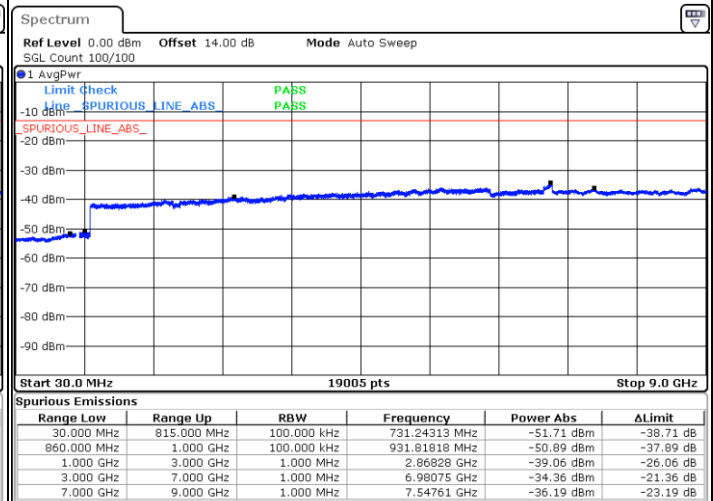
Date: 22.MAR.2018 04:32:46

Middle Channel / QPSK



Date: 22.MAR.2018 04:34:23

Middle Channel / 16QAM

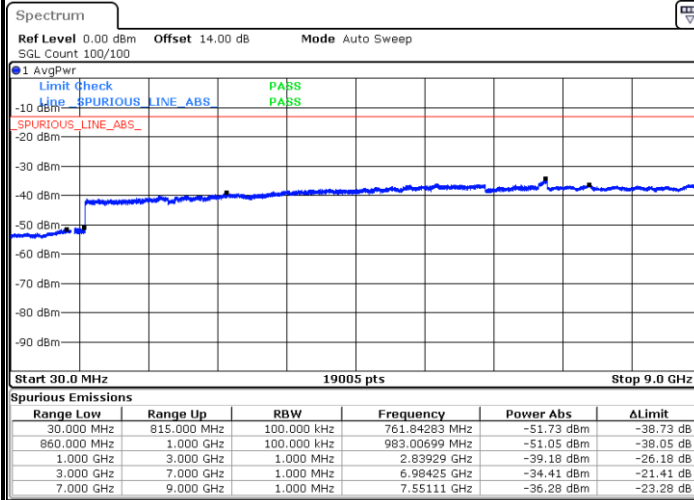


Date: 22.MAR.2018 04:35:19



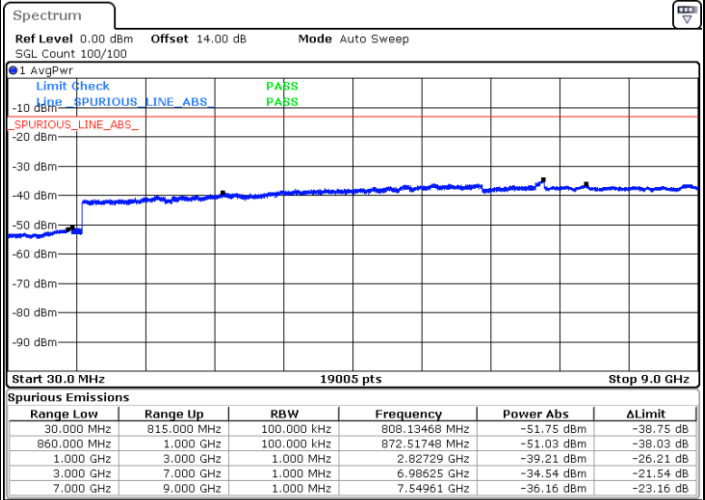
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 22.MAR.2018 04:43:35

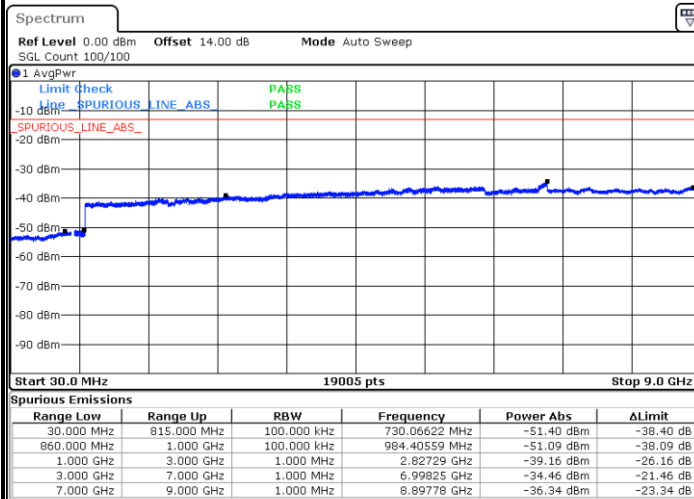
Highest Channel / 16QAM



Date: 22.MAR.2018 04:44:31

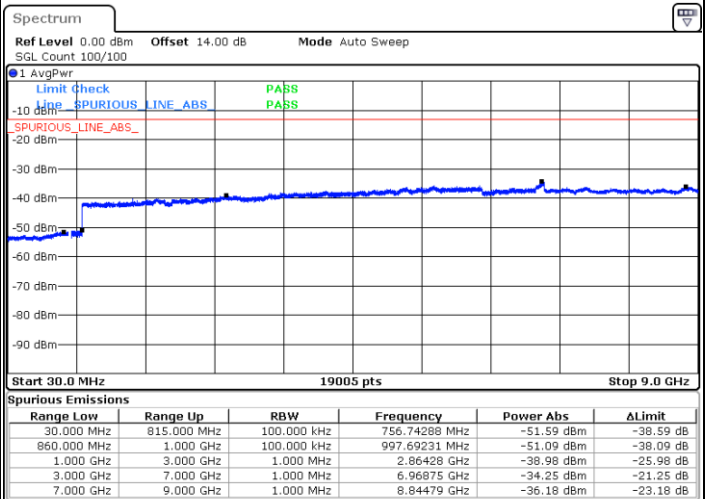
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 22.MAR.2018 04:52:46

Lowest Channel / 16QAM

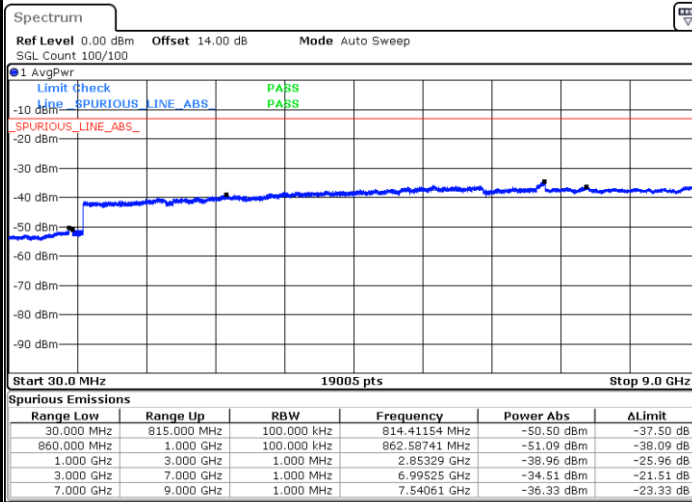


Date: 22.MAR.2018 04:53:42



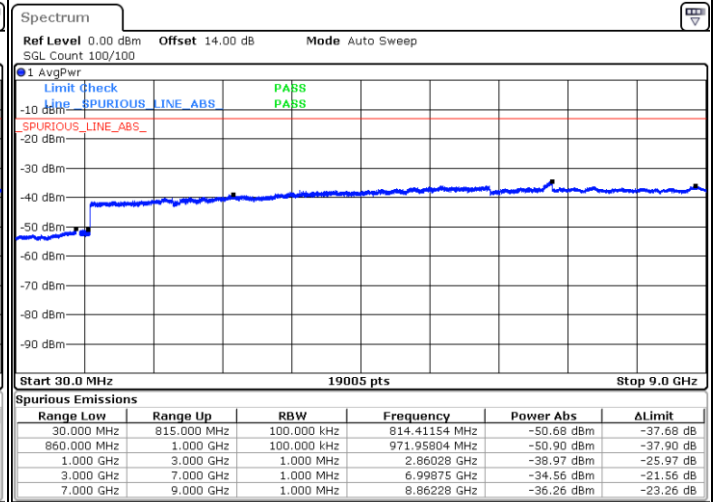
LTE Band 5 / 10MHz

Middle Channel / QPSK



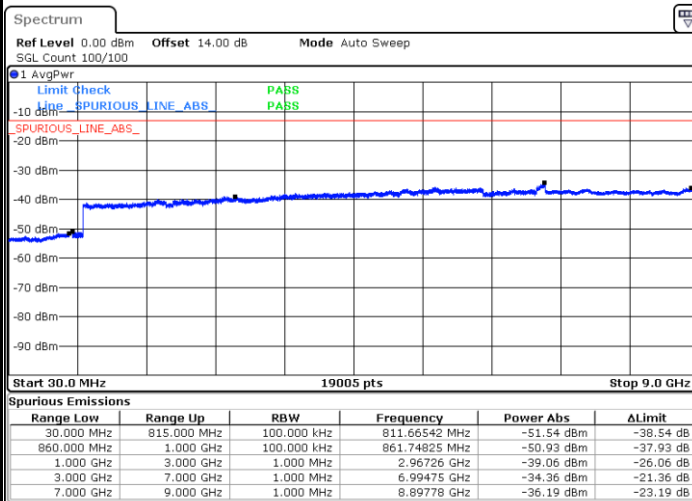
Date: 22.MAR.2018 04:55:19

Middle Channel / 16QAM



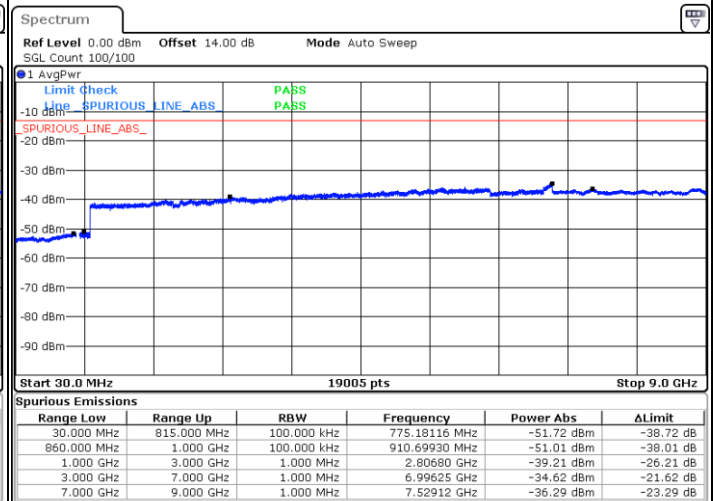
Date: 22.MAR.2018 04:56:16

Highest Channel / QPSK



Date: 22.MAR.2018 05:04:31

Highest Channel / 16QAM

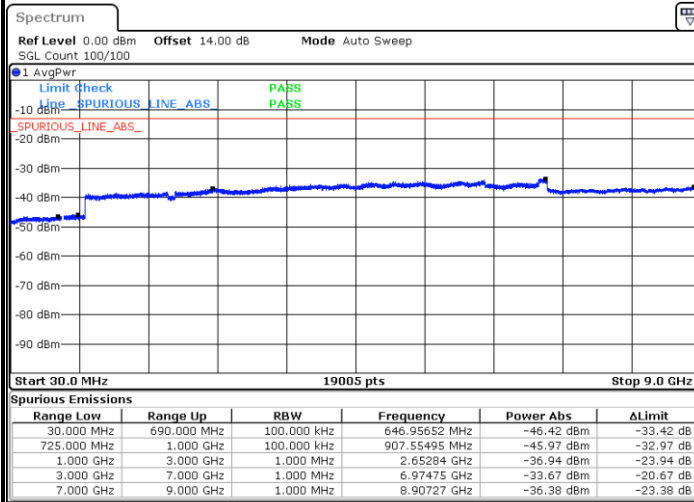


Date: 22.MAR.2018 05:05:27



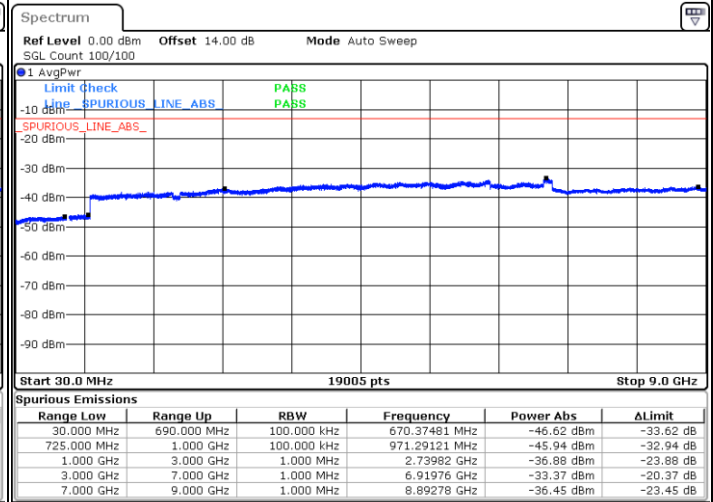
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



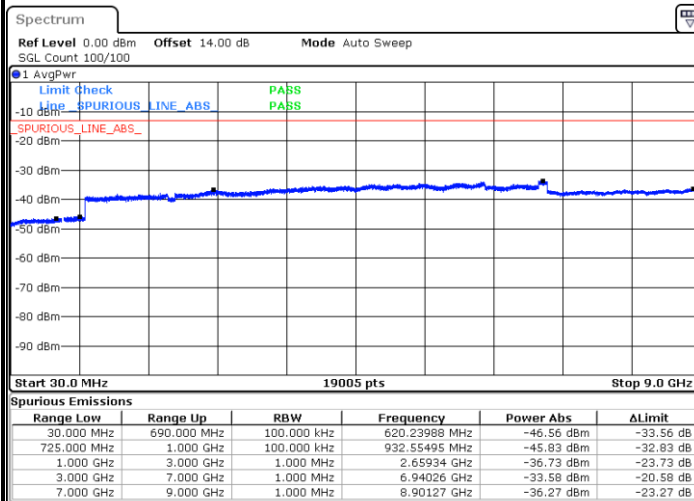
Date: 21 MAR 2018 22:17:14

Lowest Channel / 16QAM



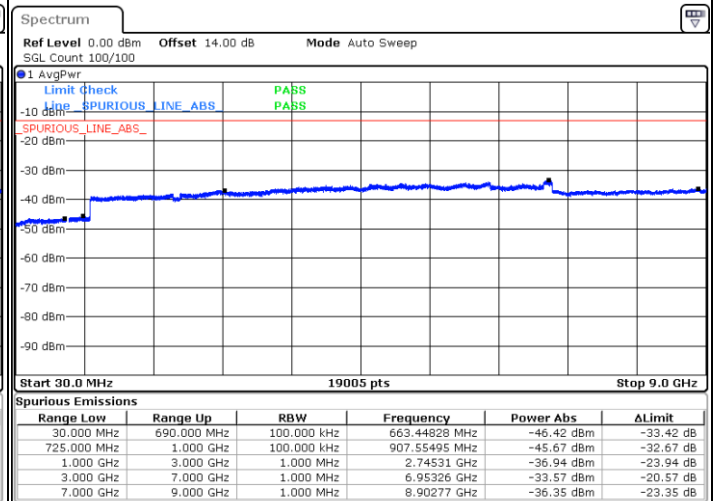
Date: 21 MAR 2018 22:18:08

Middle Channel / QPSK



Date: 21 MAR 2018 22:19:42

Middle Channel / 16QAM

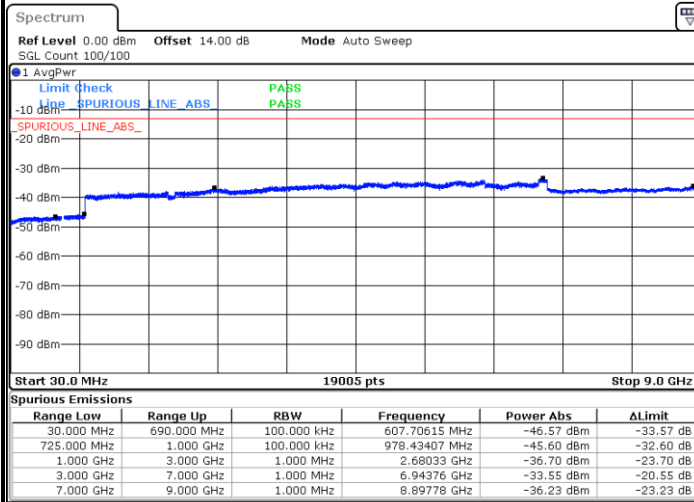


Date: 21 MAR 2018 22:20:35



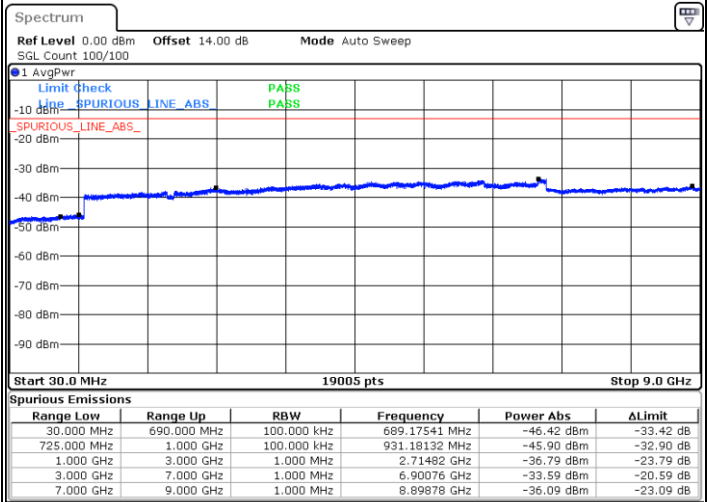
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 21 MAR 2018 22:26:44

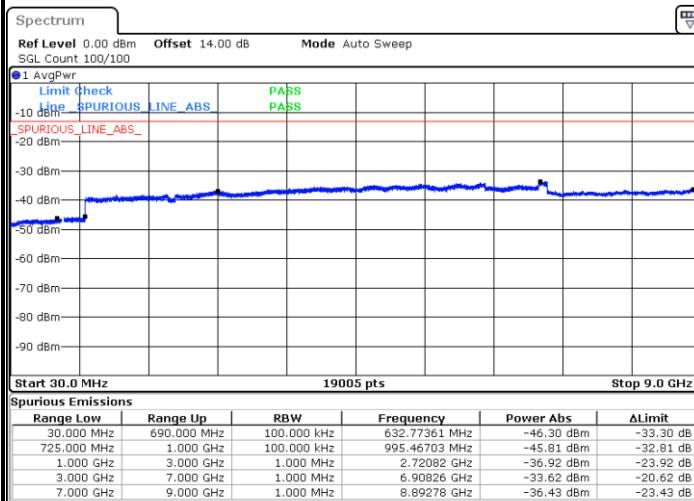
Highest Channel / 16QAM



Date: 21 MAR 2018 22:27:38

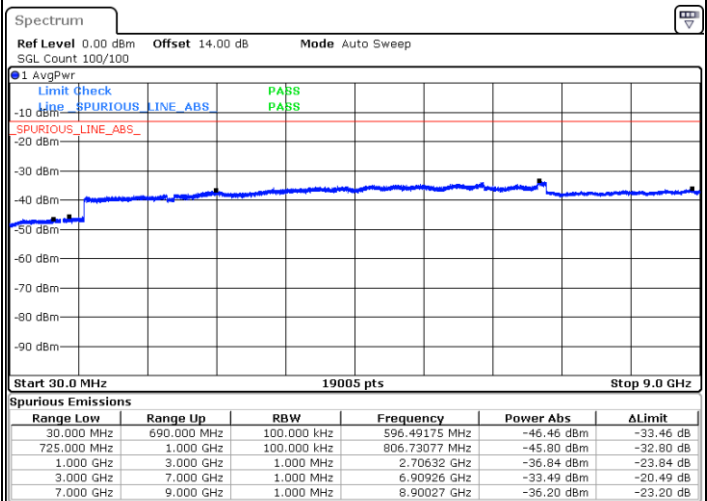
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 21 MAR 2018 22:33:47

Lowest Channel / 16QAM

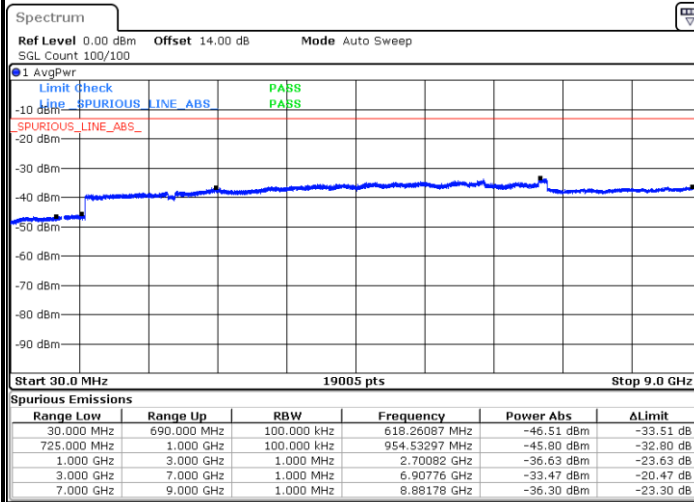


Date: 21 MAR 2018 22:34:40



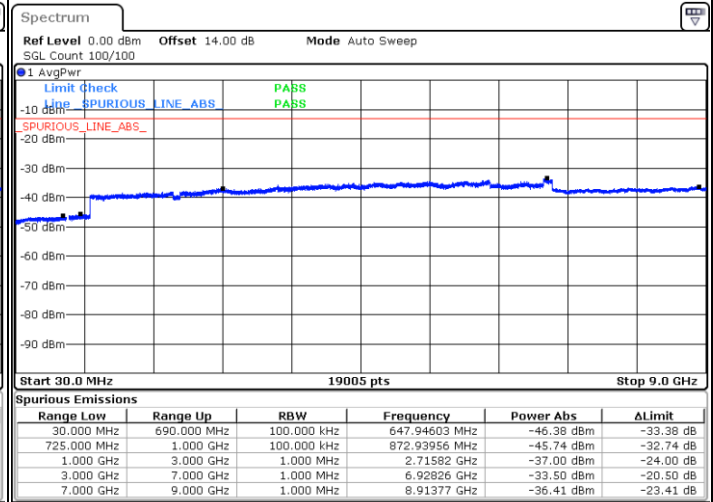
LTE Band 12 / 3MHz

Middle Channel / QPSK



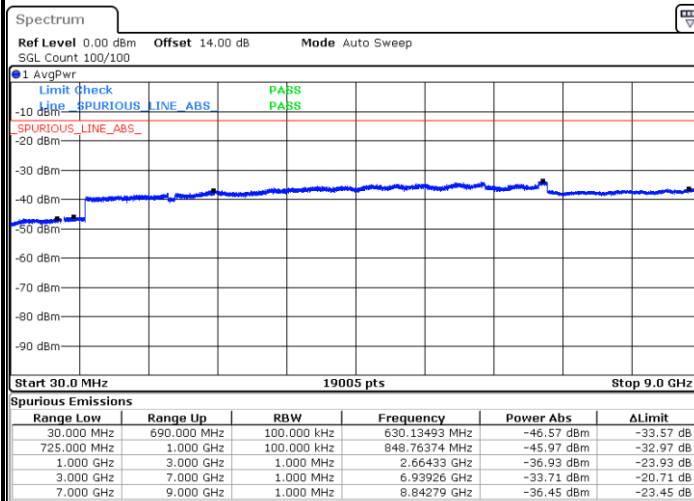
Date: 21 MAR 2018 22:36:15

Middle Channel / 16QAM



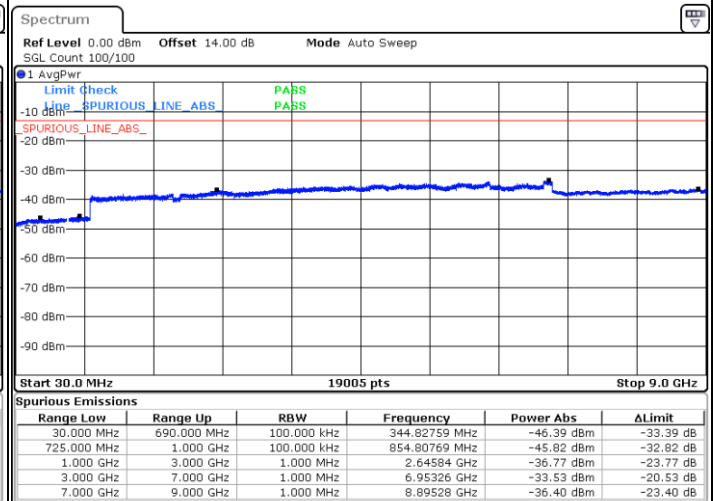
Date: 21 MAR 2018 22:37:08

Highest Channel / QPSK



Date: 21 MAR 2018 22:43:17

Highest Channel / 16QAM

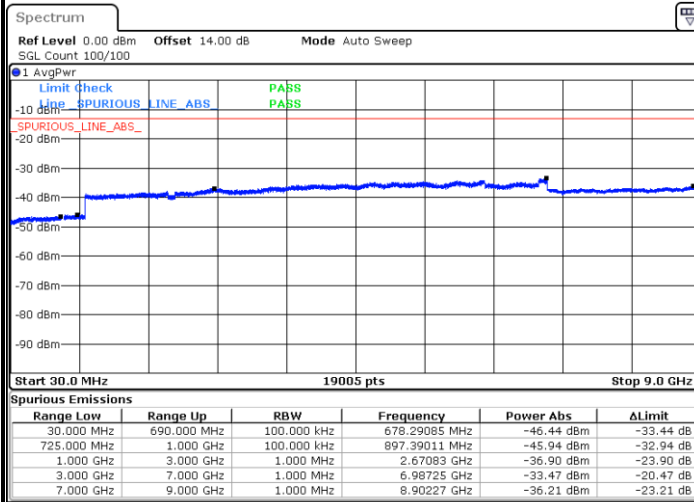


Date: 21 MAR 2018 22:44:11



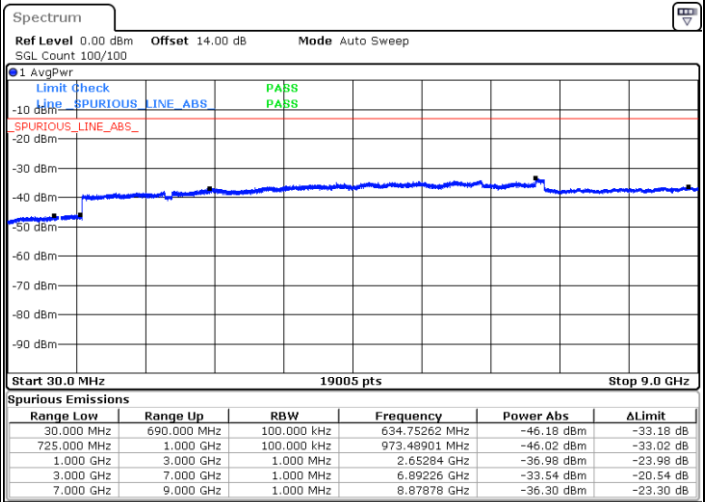
LTE Band 12 / 5MHz

Lowest Channel / QPSK



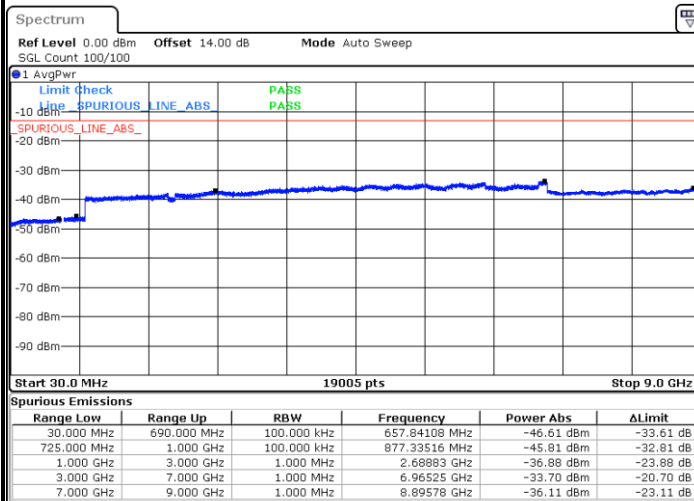
Date: 21 MAR 2018 22:50:20

Lowest Channel / 16QAM



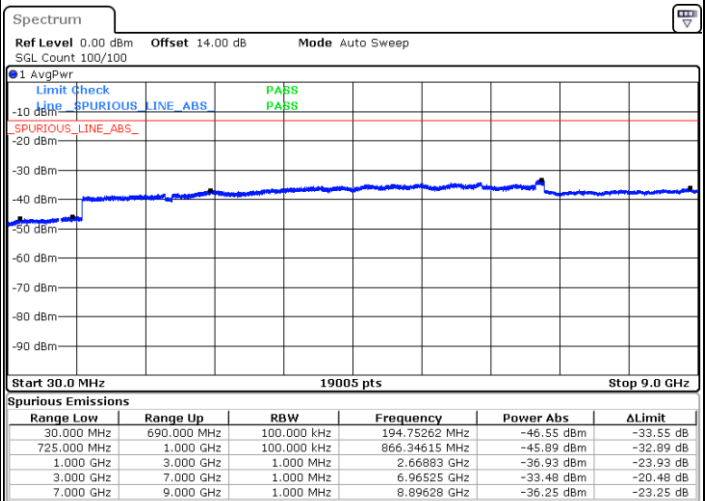
Date: 21 MAR 2018 22:51:14

Middle Channel / QPSK



Date: 21 MAR 2018 22:52:47

Middle Channel / 16QAM

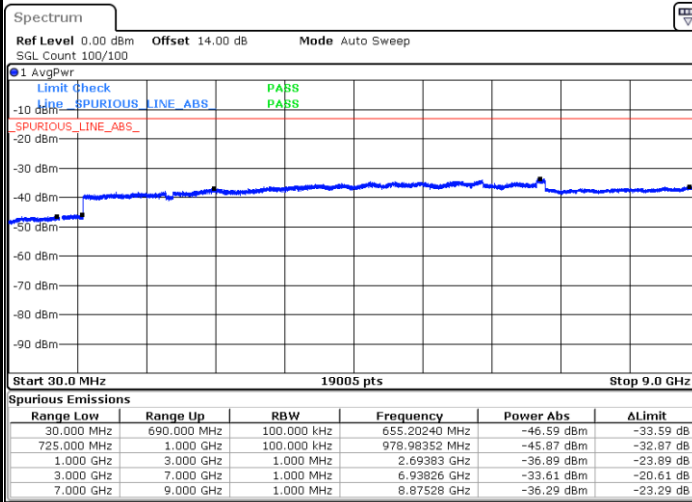


Date: 21 MAR 2018 22:53:41



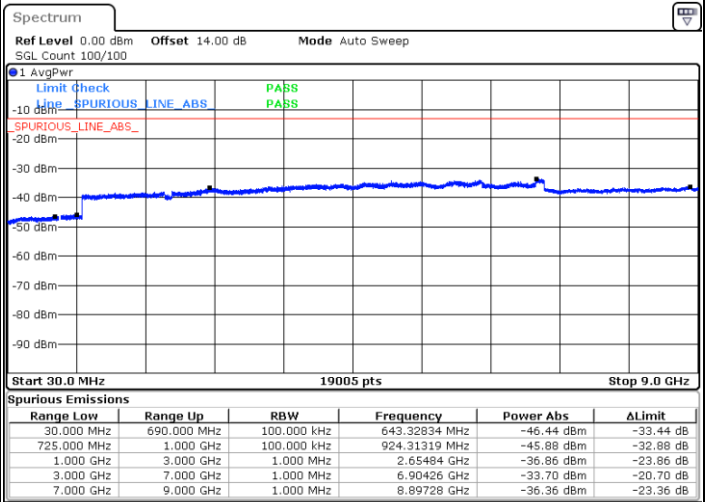
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 21 MAR 2018 22:59:50

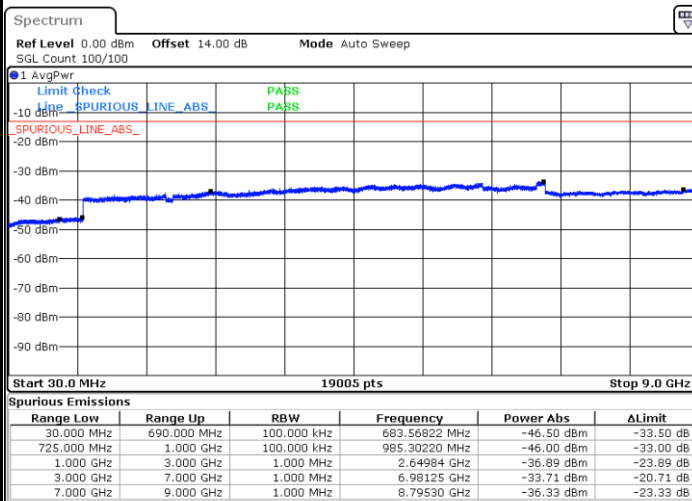
Highest Channel / 16QAM



Date: 21 MAR 2018 23:00:43

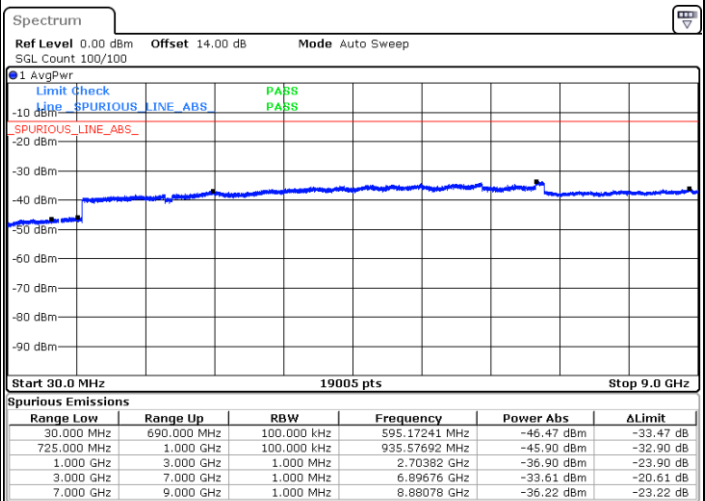
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 21 MAR 2018 23:06:52

Lowest Channel / 16QAM

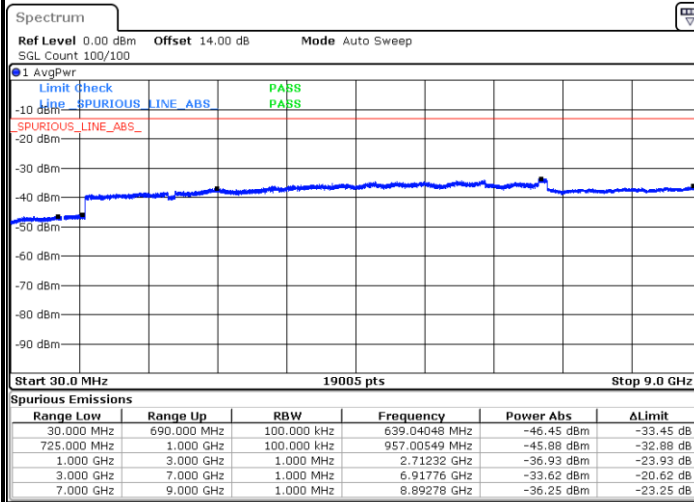


Date: 21 MAR 2018 23:07:45



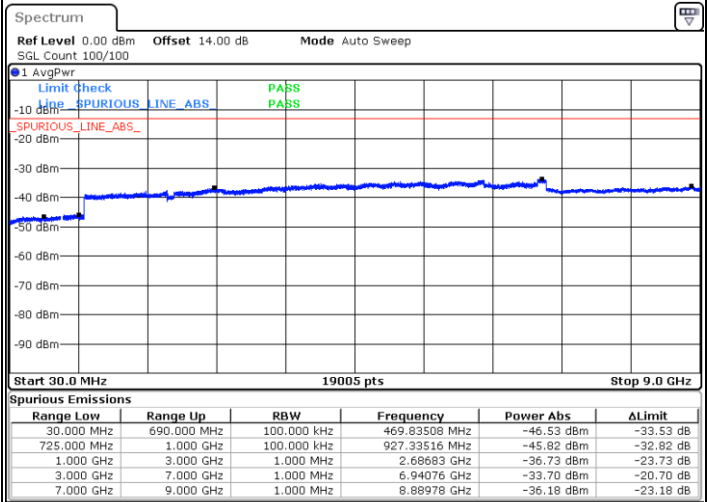
LTE Band 12 / 10MHz

Middle Channel / QPSK



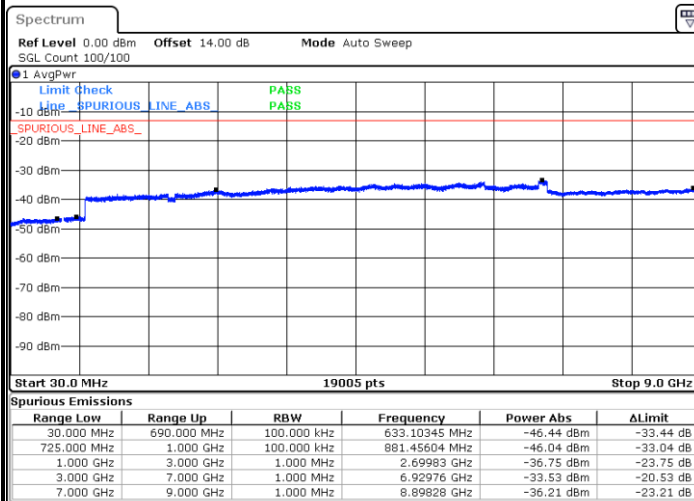
Date: 21 MAR 2018 23:09:19

Middle Channel / 16QAM



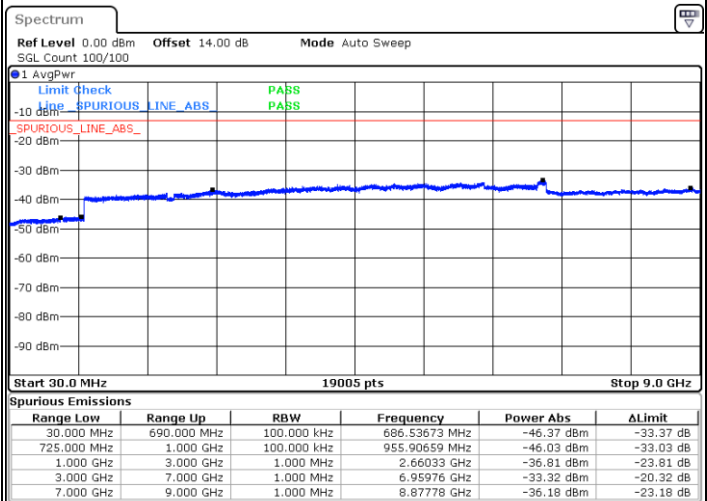
Date: 21 MAR 2018 23:10:13

Highest Channel / QPSK



Date: 21 MAR 2018 23:16:23

Highest Channel / 16QAM

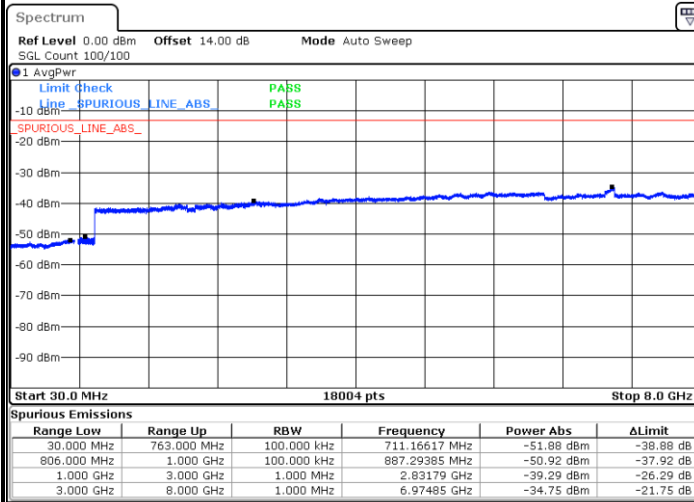


Date: 21 MAR 2018 23:17:16



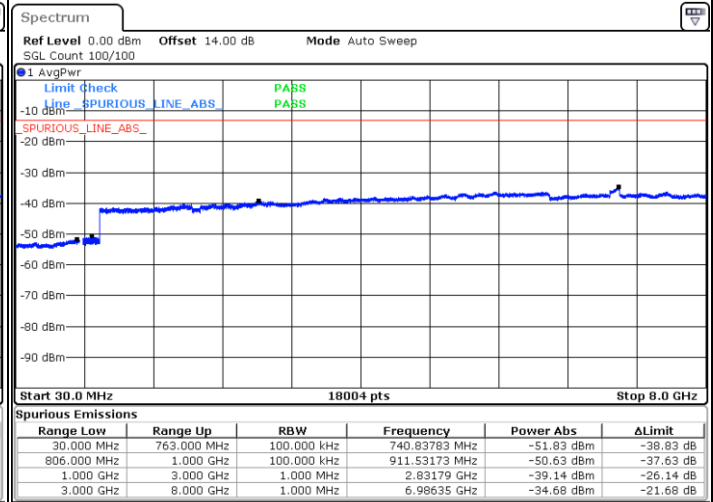
LTE Band 13 / 5MHz

Lowest Channel / QPSK



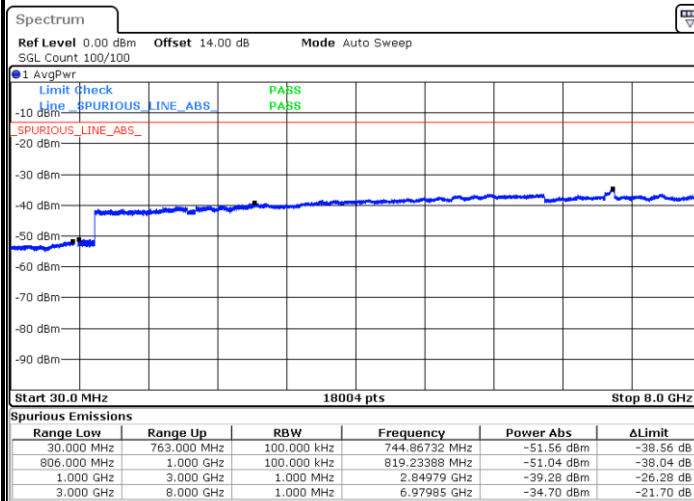
Date: 28.MAR.2018 03:03:30

Lowest Channel / 16QAM



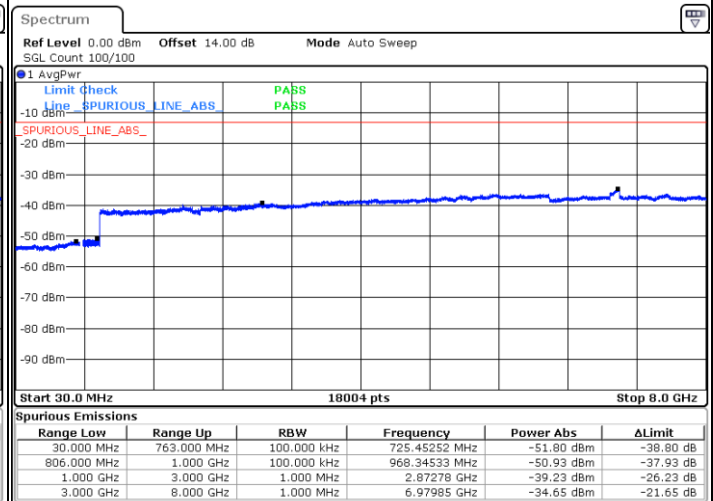
Date: 28.MAR.2018 03:04:25

Middle Channel / QPSK



Date: 28.MAR.2018 03:06:00

Middle Channel / 16QAM

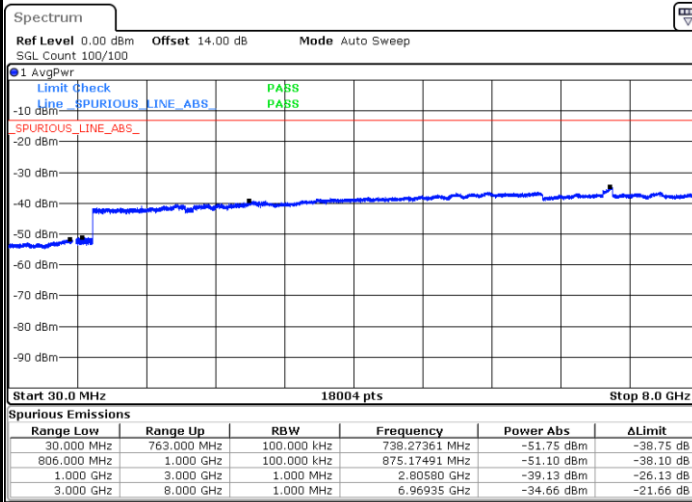


Date: 28.MAR.2018 03:06:56



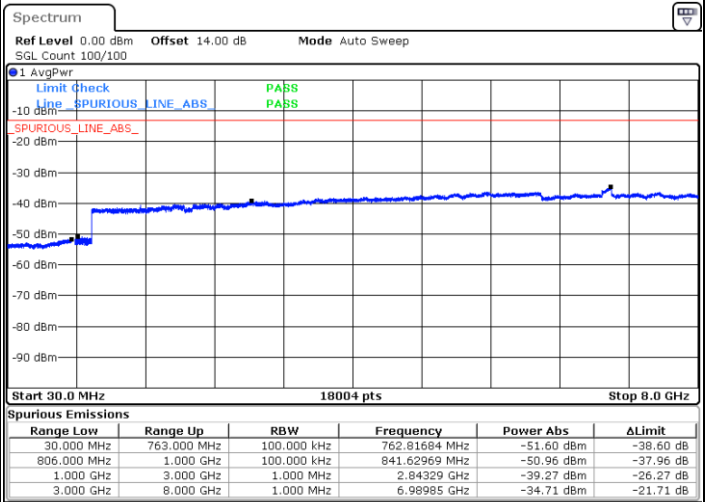
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 28.MAR.2018 03:15:11

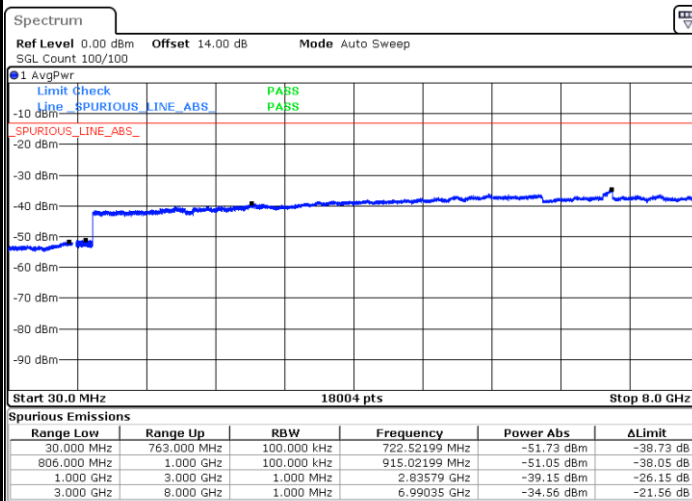
Highest Channel / 16QAM



Date: 28.MAR.2018 03:16:07

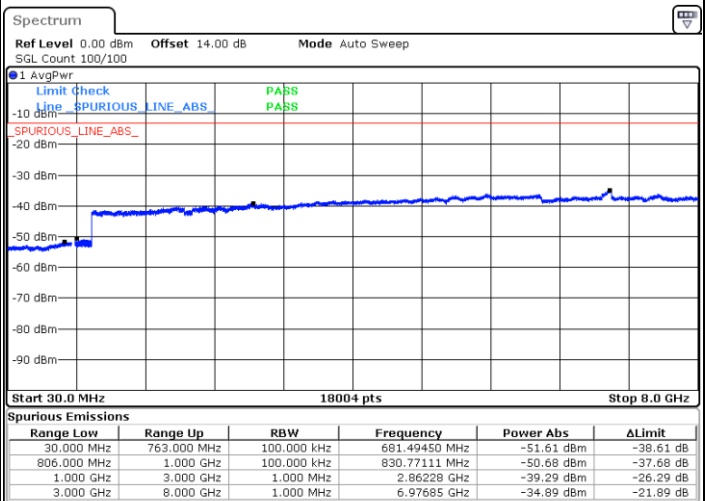
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 28.MAR.2018 03:27:39

Middle Channel / 16QAM

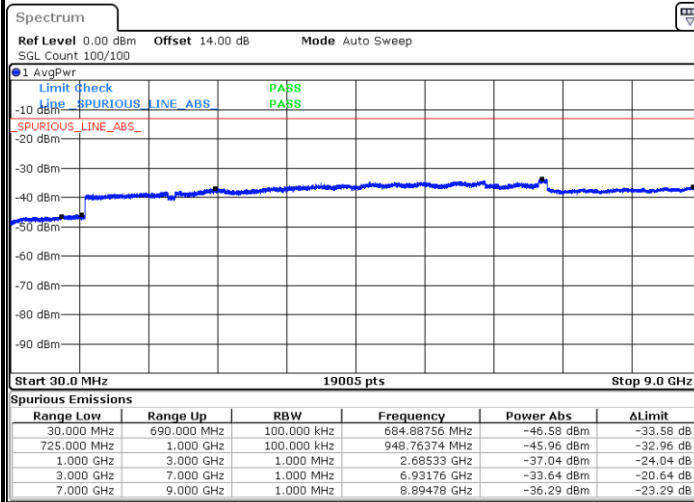


Date: 28.MAR.2018 03:28:34



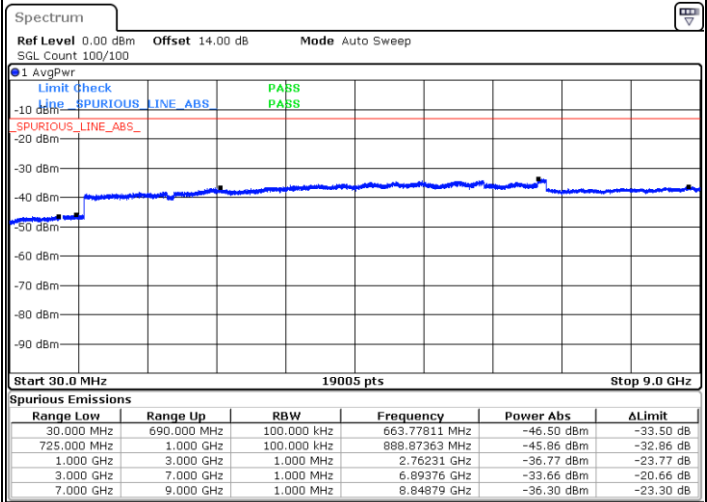
LTE Band 17 / 5MHz

Lowest Channel / QPSK



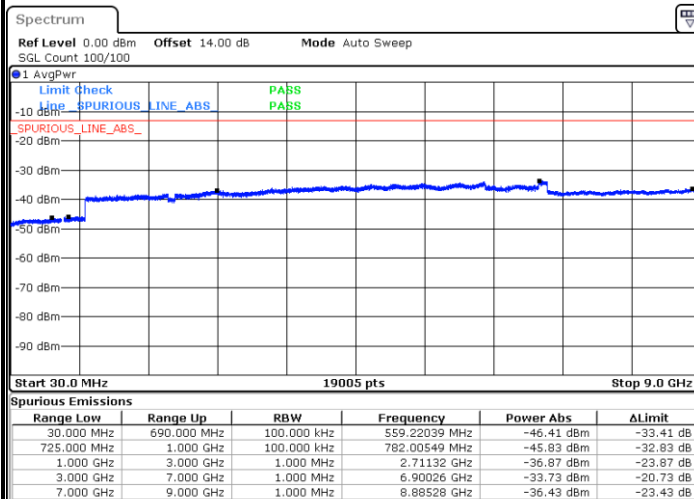
Date: 21 MAR 2018 15:04:05

Lowest Channel / 16QAM



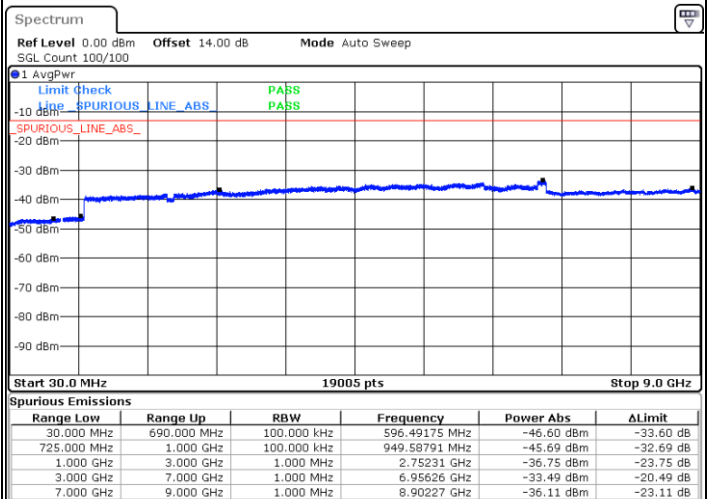
Date: 21 MAR 2018 15:04:59

Middle Channel / QPSK



Date: 21 MAR 2018 15:06:33

Middle Channel / 16QAM

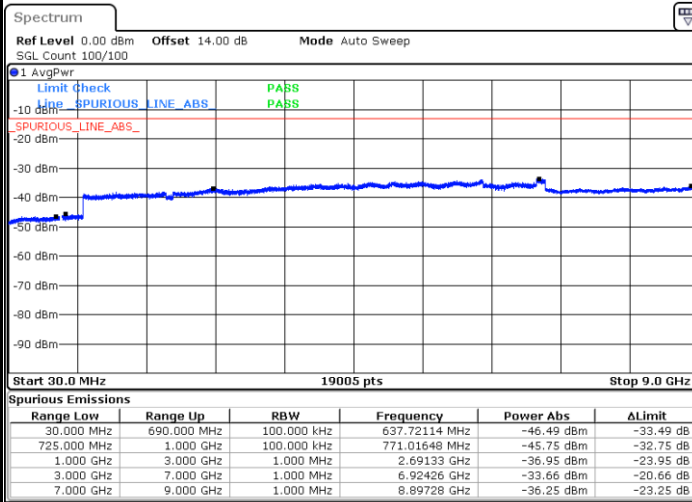


Date: 21 MAR 2018 15:07:27



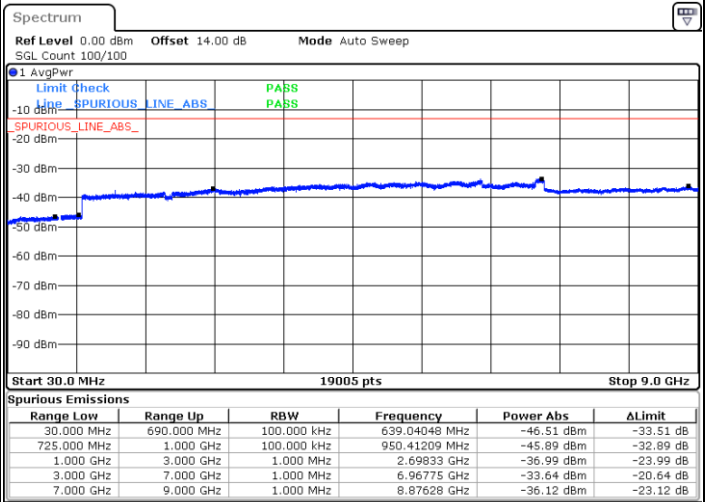
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 21.MAR.2018 15:13:35

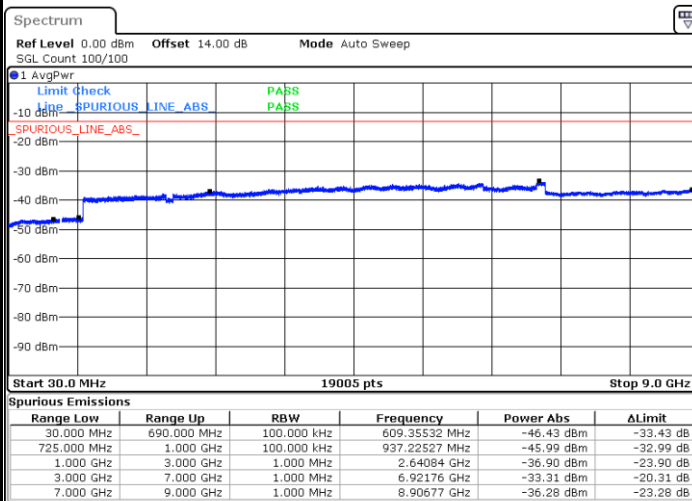
Highest Channel / 16QAM



Date: 21.MAR.2018 15:14:29

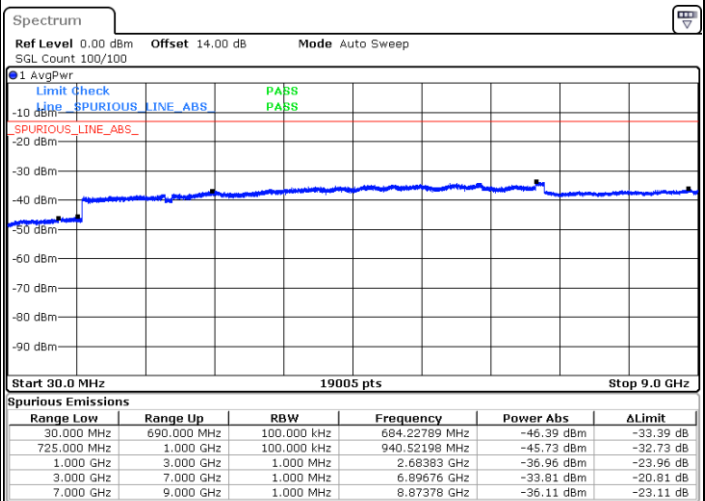
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 21.MAR.2018 15:20:38

Lowest Channel / 16QAM

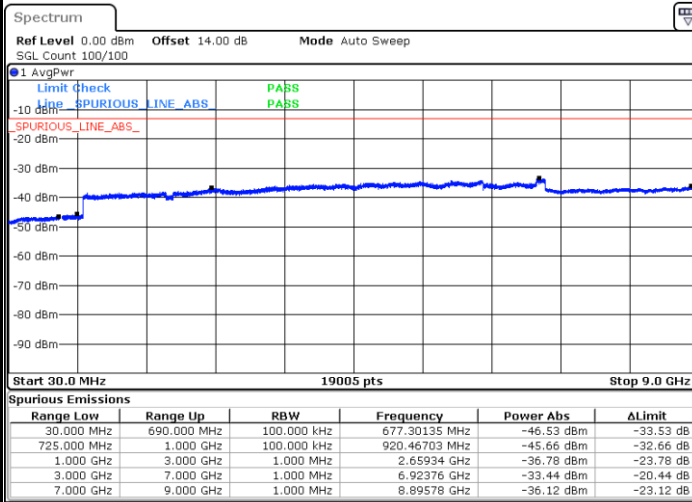


Date: 21.MAR.2018 15:21:31



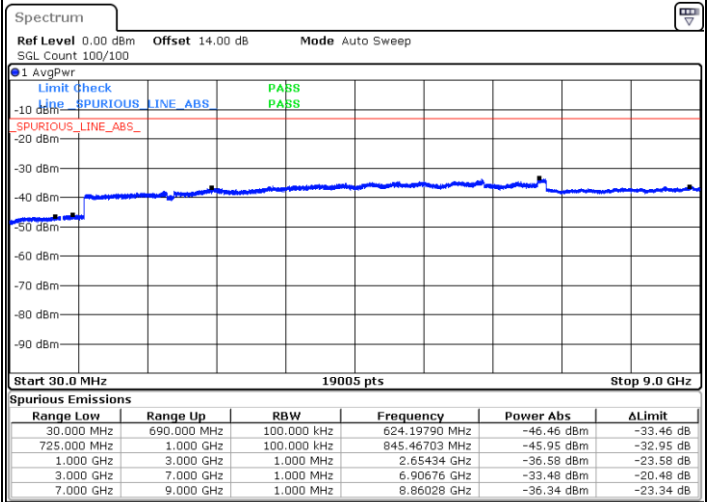
LTE Band 17 / 10MHz

Middle Channel / QPSK



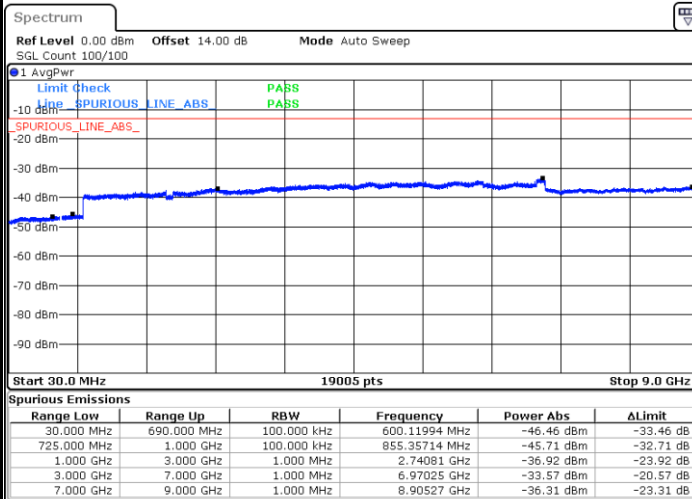
Date: 21 MAR 2018 15:23:05

Middle Channel / 16QAM



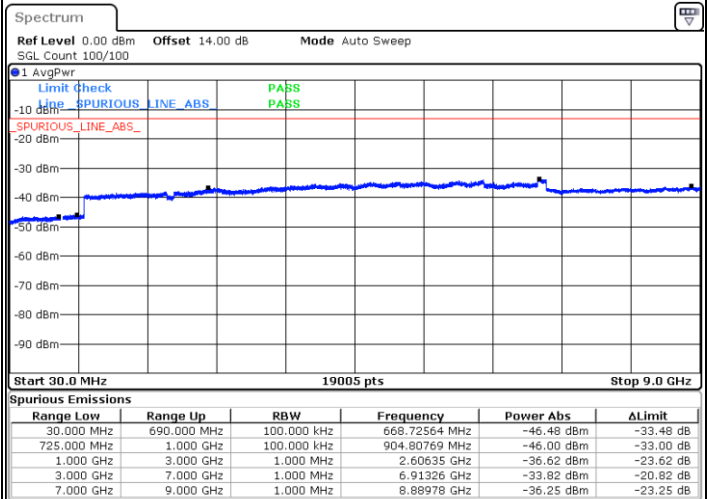
Date: 21 MAR 2018 15:23:59

Highest Channel / QPSK



Date: 21 MAR 2018 15:30:08

Highest Channel / 16QAM



Date: 21 MAR 2018 15:31:02

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 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	0.0006	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0030	

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 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	0.0008	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0061	

Note: Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 V.

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0054	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0078	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0057	

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 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	0.0015	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0065	
-10	Normal Voltage	0.0087	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0046	

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 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)
Lowest	3700.14	-42.00	-13	-29.00	-53.25	-49.19	5.36	12.55	H
	5550.21	-61.44	-13	-48.44	-77.32	-66.94	7.52	13.02	H
	7400.28	-50.98	-13	-37.98	-69.30	-54.45	7.85	11.32	H
	9250.35	-43.26	-13	-30.26	-66.69	-46.80	8.31	11.85	H
	11100.42	-50.83	-13	-37.83	-73.88	-60.37	1.89	11.43	H
	12950.49	-53.60	-13	-40.60	-77.53	-65.19	1.93	13.52	H
	3700.14	-44.03	-13	-31.03	-56.5	-51.22	5.36	12.55	V
	5550.21	-59.22	-13	-46.22	-75.54	-64.72	7.52	13.02	V
	7400.28	-47.18	-13	-34.18	-65.4	-50.65	7.85	11.32	V
	9250.35	-47.36	-13	-34.36	-70.17	-50.90	8.31	11.85	V
	11100.42	-53.30	-13	-40.30	-76.1	-62.84	1.89	11.43	V
	12950.49	-54.54	-13	-41.54	-78.19	-66.13	1.93	13.52	V
Middle	3758.74	-42.00	-13	-29.00	-53.25	-49.24	5.36	12.60	H
	5638.11	-62.36	-13	-49.36	-78.24	-67.94	7.52	13.10	H
	7517.48	-51.69	-13	-38.69	-70.01	-55.18	7.85	11.34	H
	9396.85	-47.68	-13	-34.68	-71.11	-51.27	8.31	11.90	H
	11276.22	-49.11	-13	-36.11	-72.16	-58.72	1.89	11.50	H
	13155.59	-55.35	-13	-42.35	-79.28	-67.02	1.93	13.60	H
	3758.74	-41.22	-13	-28.22	-53.93	-48.46	5.36	12.60	V
	5638.11	-59.37	-13	-46.37	-75.69	-64.95	7.52	13.10	V
	7517.48	-48.93	-13	-35.93	-67.15	-52.42	7.85	11.34	V
	9396.85	-48.82	-13	-35.82	-71.63	-52.41	8.31	11.90	V
	11276.22	-51.98	-13	-38.98	-74.78	-61.59	1.89	11.50	V
	13155.59	-54.70	-13	-41.70	-78.35	-66.37	1.93	13.60	V
Highest	3817.34	-42.97	-13	-29.97	-54.22	-50.26	5.36	12.65	H
	5726.01	-61.68	-13	-48.68	-77.56	-67.36	7.52	13.20	H
	7634.68	-47.77	-13	-34.77	-66.09	-51.28	7.85	11.36	H
	9543.35	-40.51	-13	-27.51	-63.94	-44.17	8.31	11.97	H
	11452.02	-46.24	-13	-33.24	-69.29	-55.92	1.89	11.57	H
	13360.69	-55.19	-13	-42.19	-79.12	-66.94	1.93	13.68	H
	3817.34	-42.13	-13	-29.13	-54.6	-49.42	5.36	12.65	V
	5726.01	-59.85	-13	-46.85	-76.17	-65.53	7.52	13.20	V
	7634.68	-45.88	-13	-32.88	-64.1	-49.39	7.85	11.36	V
	9543.35	-42.98	-13	-29.98	-65.79	-46.64	8.31	11.97	V
	11452.02	-49.62	-13	-36.62	-72.42	-59.30	1.89	11.57	V
	13360.69	-55.94	-13	-42.94	-79.59	-67.69	1.93	13.68	V

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



LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.3	-41.75	-13	-28.75	-53.06	-48.94	5.36	12.55	H
	5550.45	-61.45	-13	-48.45	-77.33	-66.95	7.52	13.02	H
	7400.6	-50.45	-13	-37.45	-68.77	-53.92	7.85	11.32	H
	9250.75	-42.95	-13	-29.95	-66.38	-46.49	8.31	11.85	H
	11100.9	-52.20	-13	-39.20	-75.25	-61.74	1.89	11.43	H
	12951.05	-54.70	-13	-41.70	-78.63	-66.29	1.93	13.52	H
	3700.3	-42.35	-13	-29.35	-54.82	-49.54	5.36	12.55	V
	5550.45	-59.20	-13	-46.20	-75.52	-64.70	7.52	13.02	V
	7400.6	-47.23	-13	-34.23	-65.45	-50.70	7.85	11.32	V
	9250.75	-46.76	-13	-33.76	-69.57	-50.30	8.31	11.85	V
	11100.9	-52.36	-13	-39.36	-75.16	-61.90	1.89	11.43	V
	12951.05	-53.79	-13	-40.79	-77.44	-65.38	1.93	13.52	V
Middle	3757.3	-41.90	-13	-28.90	-53.15	-49.14	5.36	12.60	H
	5635.95	-62.41	-13	-49.41	-78.29	-67.99	7.52	13.10	H
	7514.6	-51.97	-13	-38.97	-70.29	-55.46	7.85	11.34	H
	9393.25	-45.19	-13	-32.19	-68.62	-48.78	8.31	11.90	H
	11271.9	-49.56	-13	-36.56	-72.61	-59.17	1.89	11.50	H
	13150.55	-54.11	-13	-41.11	-78.04	-65.78	1.93	13.60	H
	3757.3	-41.87	-13	-28.87	-53.24	-49.11	5.36	12.60	V
	5635.95	-58.33	-13	-45.33	-74.65	-63.91	7.52	13.10	V
	7514.6	-48.65	-13	-35.65	-66.87	-52.14	7.85	11.34	V
	9393.25	-48.34	-13	-35.34	-71.15	-51.93	8.31	11.90	V
	11271.9	-52.18	-13	-39.18	-74.98	-61.79	1.89	11.50	V
	13150.55	-54.96	-13	-41.96	-78.61	-66.63	1.93	13.60	V
Highest	3814.3	-41.88	-13	-28.88	-53.16	-49.17	5.36	12.65	H
	5721.45	-60.54	-13	-47.54	-76.42	-66.22	7.52	13.20	H
	7628.6	-48.99	-13	-35.99	-67.31	-52.50	7.85	11.36	H
	9535.75	-40.89	-13	-27.89	-64.32	-44.55	8.31	11.97	H
	11442.9	-45.16	-13	-32.16	-68.21	-54.84	1.89	11.57	H
	13350.05	-55.09	-13	-42.09	-79.02	-66.84	1.93	13.68	H
	3814.3	-40.71	-13	-27.71	-53.6	-48.00	5.36	12.65	V
	5721.45	-58.64	-13	-45.64	-74.96	-64.32	7.52	13.20	V
	7628.6	-46.66	-13	-33.66	-64.88	-50.17	7.85	11.36	V
	9535.75	-44.37	-13	-31.37	-67.18	-48.03	8.31	11.97	V
	11442.9	-48.73	-13	-35.73	-71.53	-58.41	1.89	11.57	V
	13350.05	-54.93	-13	-41.93	-78.58	-66.68	1.93	13.68	V

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



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.5	-43.01	-13	-30.01	-54.26	-50.20	5.36	12.55	H
	5550.75	-62.05	-13	-49.05	-77.93	-67.55	7.52	13.02	H
	7401	-52.20	-13	-39.20	-70.52	-55.67	7.85	11.32	H
	9251.25	-43.42	-13	-30.42	-66.85	-46.96	8.31	11.85	H
	11101.5	-53.10	-13	-40.10	-76.15	-62.64	1.89	11.43	H
	12951.75	-53.46	-13	-40.46	-77.39	-65.05	1.93	13.52	H
	3700.5	-43.65	-13	-30.65	-56.12	-50.84	5.36	12.55	V
	5550.75	-59.91	-13	-46.91	-76.23	-65.41	7.52	13.02	V
	7401	-49.67	-13	-36.67	-67.89	-53.14	7.85	11.32	V
	9251.25	-46.55	-13	-33.55	-69.36	-50.09	8.31	11.85	V
	11101.5	-54.34	-13	-41.34	-77.14	-63.88	1.89	11.43	V
	12951.75	-54.85	-13	-41.85	-78.5	-66.44	1.93	13.52	V
Middle	3755.5	-42.67	-13	-29.67	-53.92	-49.91	5.36	12.60	H
	5633.25	-62.99	-13	-49.99	-78.87	-68.57	7.52	13.10	H
	7511	-52.19	-13	-39.19	-70.51	-55.68	7.85	11.34	H
	9388.75	-46.54	-13	-33.54	-69.97	-50.13	8.31	11.90	H
	11266.5	-50.57	-13	-37.57	-73.62	-60.18	1.89	11.50	H
	13144.25	-55.35	-13	-42.35	-79.28	-67.02	1.93	13.60	H
	3755.5	-41.67	-13	-28.67	-54.24	-48.91	5.36	12.60	V
	5633.25	-60.36	-13	-47.36	-76.68	-65.94	7.52	13.10	V
	7511	-50.28	-13	-37.28	-68.5	-53.77	7.85	11.34	V
	9388.75	-48.95	-13	-35.95	-71.76	-52.54	8.31	11.90	V
	11266.5	-52.68	-13	-39.68	-75.48	-62.29	1.89	11.50	V
	13144.25	-54.49	-13	-41.49	-78.14	-66.16	1.93	13.60	V
Highest	3810.5	-40.16	-13	-27.16	-51.79	-47.45	5.36	12.65	H
	5715.75	-62.27	-13	-49.27	-78.15	-67.95	7.52	13.20	H
	7621	-53.34	-13	-40.34	-71.66	-56.85	7.85	11.36	H
	9526.25	-45.07	-13	-32.07	-68.50	-48.73	8.31	11.97	H
	11431.5	-46.79	-13	-33.79	-69.84	-56.47	1.89	11.57	H
	13336.75	-54.84	-13	-41.84	-78.77	-66.59	1.93	13.68	H
	3810.5	-39.51	-13	-26.51	-52.76	-46.80	5.36	12.65	V
	5715.75	-59.01	-13	-46.01	-75.33	-64.69	7.52	13.20	V
	7621	-50.96	-13	-37.96	-69.18	-54.47	7.85	11.36	V
	9526.25	-47.83	-13	-34.83	-70.64	-51.49	8.31	11.97	V
	11431.5	-49.84	-13	-36.84	-72.64	-59.52	1.89	11.57	V
	13336.75	-55.31	-13	-42.31	-78.96	-67.06	1.93	13.68	V

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



LTE Band 2 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701	-44.30	-13	-31.30	-55.55	-51.49	5.36	12.55	H
	5551.5	-62.54	-13	-49.54	-78.42	-68.04	7.52	13.02	H
	7402	-50.50	-13	-37.50	-68.82	-53.97	7.85	11.32	H
	9252.5	-46.13	-13	-33.13	-69.56	-49.67	8.31	11.85	H
	11103	-51.89	-13	-38.89	-74.94	-61.43	1.89	11.43	H
	12953.5	-54.84	-13	-41.84	-78.77	-66.43	1.93	13.52	H
	3701	-43.54	-13	-30.54	-56.01	-50.73	5.36	12.55	V
	5551.5	-59.80	-13	-46.80	-76.12	-65.30	7.52	13.02	V
	7402	-47.08	-13	-34.08	-65.3	-50.55	7.85	11.32	V
	9252.5	-43.05	-13	-30.05	-65.86	-46.59	8.31	11.85	V
	11103	-51.37	-13	-38.37	-74.17	-60.91	1.89	11.43	V
	12953.5	-55.13	-13	-42.13	-78.78	-66.72	1.93	13.52	V
Middle	3751	-42.64	-13	-29.64	-53.89	-49.88	5.36	12.60	H
	5626.5	-62.67	-13	-49.67	-78.55	-68.25	7.52	13.10	H
	7502	-51.58	-13	-38.58	-69.90	-55.07	7.85	11.34	H
	9377.5	-48.58	-13	-35.58	-72.01	-52.17	8.31	11.90	H
	11253	-51.43	-13	-38.43	-74.48	-61.04	1.89	11.50	H
	13128.5	-55.31	-13	-42.31	-79.24	-66.98	1.93	13.60	H
	3751	-40.21	-13	-27.21	-53.29	-47.45	5.36	12.60	V
	5626.5	-60.97	-13	-47.97	-77.29	-66.55	7.52	13.10	V
	7502	-49.61	-13	-36.61	-67.83	-53.10	7.85	11.34	V
	9377.5	-47.02	-13	-34.02	-69.83	-50.61	8.31	11.90	V
	11253	-51.09	-13	-38.09	-73.89	-60.70	1.89	11.50	V
	13128.5	-54.57	-13	-41.57	-78.22	-66.24	1.93	13.60	V
Highest	3802	-38.76	-13	-25.76	-50.57	-46.05	5.36	12.65	H
	5703	-61.72	-13	-48.72	-77.60	-67.40	7.52	13.20	H
	7604	-55.86	-13	-42.86	-74.18	-59.37	7.85	11.36	H
	9505	-44.45	-13	-31.45	-67.88	-48.11	8.31	11.97	H
	11406	-46.54	-13	-33.54	-69.59	-56.22	1.89	11.57	H
	13307	-54.15	-13	-41.15	-78.08	-65.90	1.93	13.68	H
	3802	-34.83	-13	-21.83	-48.97	-42.12	5.36	12.65	V
	5703	-57.84	-13	-44.84	-74.16	-63.52	7.52	13.20	V
	7604	-51.29	-13	-38.29	-69.51	-54.80	7.85	11.36	V
	9505	-43.38	-13	-30.38	-66.19	-47.04	8.31	11.97	V
	11406	-47.48	-13	-34.48	-70.28	-57.16	1.89	11.57	V
	13307	-51.81	-13	-38.81	-75.46	-63.56	1.93	13.68	V

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



LTE Band 2 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.5	-43.58	-13	-30.58	-54.83	-50.77	5.36	12.55	H
	5552.25	-62.48	-13	-49.48	-78.36	-67.98	7.52	13.02	H
	7403	-50.34	-13	-37.34	-68.66	-53.81	7.85	11.32	H
	9253.75	-44.54	-13	-31.54	-67.97	-48.08	8.31	11.85	H
	11104.5	-52.64	-13	-39.64	-75.69	-62.18	1.89	11.43	H
	12955.25	-55.11	-13	-42.11	-79.04	-66.70	1.93	13.52	H
	3701.5	-45.51	-13	-32.51	-57.98	-52.70	5.36	12.55	V
	5552.25	-60.35	-13	-47.35	-76.67	-65.85	7.52	13.02	V
	7403	-49.00	-13	-36.00	-67.22	-52.47	7.85	11.32	V
	9253.75	-45.77	-13	-32.77	-68.58	-49.31	8.31	11.85	V
	11104.5	-53.32	-13	-40.32	-76.12	-62.86	1.89	11.43	V
	12955.25	-55.48	-13	-42.48	-79.13	-67.07	1.93	13.52	V
Middle	3746.5	-41.00	-13	-28.00	-52.48	-48.24	5.36	12.60	H
	5619.75	-62.87	-13	-49.87	-78.75	-68.45	7.52	13.10	H
	7493	-52.86	-13	-39.86	-71.18	-56.35	7.85	11.34	H
	9366.25	-48.82	-13	-35.82	-72.25	-52.41	8.31	11.90	H
	11239.5	-51.37	-13	-38.37	-74.42	-60.98	1.89	11.50	H
	13112.75	-55.07	-13	-42.07	-79.00	-66.74	1.93	13.60	H
	3746.5	-41.55	-13	-28.55	-54.16	-48.79	5.36	12.60	V
	5619.75	-60.24	-13	-47.24	-76.56	-65.82	7.52	13.10	V
	7493	-51.16	-13	-38.16	-69.38	-54.65	7.85	11.34	V
	9366.25	-48.63	-13	-35.63	-71.44	-52.22	8.31	11.90	V
	11239.5	-53.39	-13	-40.39	-76.19	-63.00	1.89	11.50	V
	13112.75	-54.94	-13	-41.94	-78.59	-66.61	1.93	13.60	V
Highest	3791.5	-36.28	-13	-23.28	-48.49	-43.57	5.36	12.65	H
	5687.25	-59.68	-13	-46.68	-75.56	-65.36	7.52	13.20	H
	7583	-55.74	-13	-42.74	-74.06	-59.25	7.85	11.36	H
	9478.75	-41.01	-13	-28.01	-64.44	-44.67	8.31	11.97	H
	11374.5	-45.41	-13	-32.41	-68.46	-55.09	1.89	11.57	H
	13270.25	-53.44	-13	-40.44	-77.37	-65.19	1.93	13.68	H
	3791.5	-38.81	-13	-25.81	-52.21	-46.10	5.36	12.65	V
	5687.25	-57.53	-13	-44.53	-73.85	-63.21	7.52	13.20	V
	7583	-55.07	-13	-42.07	-73.29	-58.58	7.85	11.36	V
	9478.75	-44.75	-13	-31.75	-67.56	-48.41	8.31	11.97	V
	11374.5	-49.93	-13	-36.93	-72.73	-59.61	1.89	11.57	V
	13270.25	-54.90	-13	-41.90	-78.55	-66.65	1.93	13.68	V

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



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-42.30	-13	-29.30	-53.55	-49.49	5.36	12.55	H
	5553	-61.41	-13	-48.41	-77.29	-66.91	7.52	13.02	H
	7404	-50.87	-13	-37.87	-69.19	-54.34	7.85	11.32	H
	9255	-41.40	-13	-28.40	-64.83	-44.94	8.31	11.85	H
	11106	-53.30	-13	-40.30	-76.35	-62.84	1.89	11.43	H
	12957	-54.22	-13	-41.22	-78.15	-65.81	1.93	13.52	H
	3702	-43.05	-13	-30.05	-55.52	-50.24	5.36	12.55	V
	5553	-59.68	-13	-46.68	-76	-65.18	7.52	13.02	V
	7404	-49.16	-13	-36.16	-67.38	-52.63	7.85	11.32	V
	9255	-45.90	-13	-32.90	-68.71	-49.44	8.31	11.85	V
	11106	-53.56	-13	-40.56	-76.36	-63.10	1.89	11.43	V
	12957	-54.63	-13	-41.63	-78.28	-66.22	1.93	13.52	V
Middle	3742	-38.27	-13	-25.27	-50.19	-45.51	5.36	12.60	H
	5613	-61.65	-13	-48.65	-77.53	-67.23	7.52	13.10	H
	7484	-52.53	-13	-39.53	-70.85	-56.02	7.85	11.34	H
	9355	-44.45	-13	-31.45	-67.88	-48.04	8.31	11.90	H
	11226	-50.05	-13	-37.05	-73.10	-59.66	1.89	11.50	H
	13097	-52.88	-13	-39.88	-76.81	-64.55	1.93	13.60	H
	3742	-38.53	-13	-25.53	-52	-45.77	5.36	12.60	V
	5613	-58.11	-13	-45.11	-74.43	-63.69	7.52	13.10	V
	7484	-49.21	-13	-36.21	-67.43	-52.70	7.85	11.34	V
	9355	-47.41	-13	-34.41	-70.22	-51.00	8.31	11.90	V
	11226	-50.91	-13	-37.91	-73.71	-60.52	1.89	11.50	V
	13097	-53.88	-13	-40.88	-77.53	-65.55	1.93	13.60	V
Highest	3782	-38.60	-13	-25.60	-50.45	-45.89	5.36	12.65	H
	5673	-61.03	-13	-48.03	-76.91	-66.71	7.52	13.20	H
	7564	-54.40	-13	-41.40	-72.72	-57.91	7.85	11.36	H
	9455	-41.37	-13	-28.37	-64.80	-45.03	8.31	11.97	H
	11346	-46.89	-13	-33.89	-69.94	-56.57	1.89	11.57	H
	13237	-53.69	-13	-40.69	-77.62	-65.44	1.93	13.68	H
	3782	-37.20	-13	-24.20	-51	-44.49	5.36	12.65	V
	5673	-58.61	-13	-45.61	-74.93	-64.29	7.52	13.20	V
	7564	-53.81	-13	-40.81	-72.03	-57.32	7.85	11.36	V
	9455	-45.00	-13	-32.00	-67.81	-48.66	8.31	11.97	V
	11346	-49.31	-13	-36.31	-72.11	-58.99	1.89	11.57	V
	13237	-53.57	-13	-40.57	-77.22	-65.32	1.93	13.68	V

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



LTE Band 4 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.14	-55.76	-13	-42.76	-69.46	-63.68	4.66	12.58	H
	5130.21	-51.85	-13	-38.85	-69.78	-58.21	6.31	12.67	H
	6840.28	-31.92	-13	-18.92	-53.74	-36.52	8.35	12.95	H
	8550.35	-48.46	-13	-35.46	-70.89	-51.79	7.97	11.30	H
	10260.42	-49.97	-13	-36.97	-75.92	-53.27	8.72	12.02	H
	3420.14	-58.25	-13	-45.25	-69.66	-66.17	4.66	12.58	V
	5130.21	-54.56	-13	-41.56	-68.17	-60.92	6.31	12.67	V
	6840.28	-37.66	-13	-24.66	-58.45	-42.26	8.35	12.95	V
	8550.35	-55.95	-13	-42.95	-76.25	-59.28	7.97	11.30	V
	10260.42	-55.41	-13	-42.41	-80.11	-58.71	8.72	12.02	V
Middle	3463.74	-54.41	-13	-41.41	-68.11	-62.35	4.66	12.60	H
	5195.61	-50.70	-13	-37.70	-68.63	-57.09	6.31	12.70	H
	6927.48	-27.37	-13	-14.37	-49.78	-32.02	8.35	13.00	H
	8659.35	-42.90	-13	-29.90	-65.33	-46.83	7.97	11.90	H
	10391.22	-54.97	-13	-41.97	-80.92	-58.35	8.72	12.10	H
	3463.74	-55.80	-13	-42.80	-67.21	-63.74	4.66	12.60	V
	5195.61	-54.28	-13	-41.28	-67.89	-60.67	6.31	12.70	V
	6927.48	-30.54	-13	-17.54	-53.28	-35.19	8.35	13.00	V
	8659.35	-54.73	-13	-41.73	-75.03	-58.66	7.97	11.90	V
	10391.22	-55.83	-13	-42.83	-80.53	-59.21	8.72	12.10	V
Highest	3507.34	-54.18	-13	-41.18	-67.88	-62.18	4.66	12.66	H
	5261.01	-51.28	-13	-38.28	-69.21	-57.72	6.31	12.75	H
	7014.68	-29.22	-13	-16.22	-51.56	-33.99	8.35	13.12	H
	8768.35	-46.39	-13	-33.39	-68.82	-50.40	7.97	11.98	H
	10522.02	-54.36	-13	-41.36	-80.31	-57.85	8.72	12.21	H
	3507.34	-56.78	-13	-43.78	-68.19	-64.78	4.66	12.66	V
	5261.01	-59.99	-13	-46.99	-73.6	-66.43	6.31	12.75	V
	7014.68	-35.03	-13	-22.03	-56.42	-39.80	8.35	13.12	V
	8768.35	-55.49	-13	-42.49	-75.79	-59.50	7.97	11.98	V
	10522.02	-55.91	-13	-42.91	-80.61	-59.40	8.72	12.21	V

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



LTE Band 4 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.3	-55.39	-13	-42.39	-69.09	-63.31	4.66	12.58	H
	5130.45	-50.12	-13	-37.12	-68.05	-56.48	6.31	12.67	H
	6840.6	-30.55	-13	-17.55	-52.78	-35.15	8.35	12.95	H
	8550.75	-46.99	-13	-33.99	-69.42	-50.32	7.97	11.30	H
	10260.9	-50.96	-13	-37.96	-76.91	-54.26	8.72	12.02	H
	3420.3	-57.79	-13	-44.79	-69.2	-65.71	4.66	12.58	V
	5130.45	-52.98	-13	-39.98	-66.59	-59.34	6.31	12.67	V
	6840.6	-41.53	-13	-28.53	-60.65	-46.13	8.35	12.95	V
	8550.75	-54.52	-13	-41.52	-74.82	-57.85	7.97	11.30	V
	10260.9	-54.74	-13	-41.74	-79.44	-58.04	8.72	12.02	V
Middle	3462.3	-54.41	-13	-41.41	-68.11	-62.35	4.66	12.60	H
	5193.45	-49.72	-13	-36.72	-67.65	-56.11	6.31	12.70	H
	6924.6	-26.25	-13	-13.25	-48.66	-30.90	8.35	13.00	H
	8655.75	-43.70	-13	-30.70	-66.13	-47.63	7.97	11.90	H
	10386.9	-53.84	-13	-40.84	-79.79	-57.22	8.72	12.10	H
	3462.3	-57.75	-13	-44.75	-69.16	-65.69	4.66	12.60	V
	5193.45	-54.88	-13	-41.88	-68.49	-61.27	6.31	12.70	V
	6924.6	-35.63	-13	-22.63	-56.98	-40.28	8.35	13.00	V
	8655.75	-55.68	-13	-42.68	-75.98	-59.61	7.97	11.90	V
	10386.9	-55.32	-13	-42.32	-80.02	-58.70	8.72	12.10	V
Highest	3504.3	-62.18	-13	-49.18	-75.88	-70.18	4.66	12.66	H
	5256.45	-51.28	-13	-38.28	-69.21	-57.72	6.31	12.75	H
	7008.6	-33.17	-13	-20.17	-54.88	-37.94	8.35	13.12	H
	8760.75	-49.03	-13	-36.03	-71.46	-53.04	7.97	11.98	H
	10512.9	-54.31	-13	-41.31	-80.26	-57.80	8.72	12.21	H
	3504.3	-55.84	-13	-42.84	-67.25	-63.84	4.66	12.66	V
	5256.45	-58.00	-13	-45.00	-71.61	-64.44	6.31	12.75	V
	7008.6	-35.23	-13	-22.23	-56.61	-40.00	8.35	13.12	V
	8760.75	-53.27	-13	-40.27	-73.57	-57.28	7.97	11.98	V
	10512.9	-55.62	-13	-42.62	-80.32	-59.11	8.72	12.21	V

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



LTE Band 4 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.5	-54.49	-13	-41.49	-68.19	-62.41	4.66	12.58	H
	5130.75	-52.19	-13	-39.19	-70.12	-58.55	6.31	12.67	H
	6841	-34.47	-13	-21.47	-55.96	-39.07	8.35	12.95	H
	8551.25	-48.49	-13	-35.49	-70.92	-51.82	7.97	11.30	H
	10261.5	-51.51	-13	-38.51	-77.46	-54.81	8.72	12.02	H
	3420.5	-57.01	-13	-44.01	-68.42	-64.93	4.66	12.58	V
	5130.75	-54.32	-13	-41.32	-67.93	-60.68	6.31	12.67	V
	6841	-41.54	-13	-28.54	-60.66	-46.14	8.35	12.95	V
	8551.25	-54.07	-13	-41.07	-74.37	-57.40	7.97	11.30	V
	10261.5	-54.57	-13	-41.57	-79.27	-57.87	8.72	12.02	V
Middle	3460.5	-54.71	-13	-41.71	-68.41	-62.65	4.66	12.60	H
	5190.75	-50.98	-13	-37.98	-68.91	-57.37	6.31	12.70	H
	6921	-27.60	-13	-14.60	-50.09	-32.25	8.35	13.00	H
	8651.25	-45.19	-13	-32.19	-67.62	-49.12	7.97	11.90	H
	10381.5	-53.55	-13	-40.55	-79.50	-56.93	8.72	12.10	H
	3460.5	-55.88	-13	-42.88	-67.29	-63.82	4.66	12.60	V
	5190.75	-54.32	-13	-41.32	-67.93	-60.71	6.31	12.70	V
	6921	-31.66	-13	-18.66	-54.28	-36.31	8.35	13.00	V
	8651.25	-51.82	-13	-38.82	-72.12	-55.75	7.97	11.90	V
	10381.5	-55.45	-13	-42.45	-80.15	-58.83	8.72	12.10	V
Highest	3500.5	-55.65	-13	-42.65	-69.35	-63.65	4.66	12.66	H
	5250.75	-52.41	-13	-39.41	-70.34	-58.85	6.31	12.75	H
	7001	-30.22	-13	-17.22	-52.51	-34.99	8.35	13.12	H
	8751.25	-47.22	-13	-34.22	-69.65	-51.23	7.97	11.98	H
	10501.5	-53.69	-13	-40.69	-79.64	-57.18	8.72	12.21	H
	3500.5	-55.91	-13	-42.91	-67.32	-63.91	4.66	12.66	V
	5250.75	-54.79	-13	-41.79	-68.4	-61.23	6.31	12.75	V
	7001	-30.81	-13	-17.81	-53.49	-35.58	8.35	13.12	V
	8751.25	-52.57	-13	-39.57	-72.87	-56.58	7.97	11.98	V
	10501.5	-55.29	-13	-42.29	-79.99	-58.78	8.72	12.21	V

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



LTE Band 4 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421	-56.97	-13	-43.97	-70.67	-64.89	4.66	12.58	H
	5131.5	-51.08	-13	-38.08	-69.01	-57.44	6.31	12.67	H
	6842	-31.30	-13	-18.30	-53.34	-35.90	8.35	12.95	H
	8552.5	-46.75	-13	-33.75	-69.18	-50.08	7.97	11.30	H
	10263	-50.42	-13	-37.42	-76.37	-53.72	8.72	12.02	H
	3421	-56.37	-13	-43.37	-67.78	-64.29	4.66	12.58	V
	5131.5	-54.86	-13	-41.86	-68.47	-61.22	6.31	12.67	V
	6842	-37.82	-13	-24.82	-58.51	-42.42	8.35	12.95	V
	8552.5	-51.49	-13	-38.49	-71.79	-54.82	7.97	11.30	V
	10263	-54.76	-13	-41.76	-79.46	-58.06	8.72	12.02	V
Middle	3456	-56.06	-13	-43.06	-69.76	-64.00	4.66	12.60	H
	5184	-52.39	-13	-39.39	-70.32	-58.78	6.31	12.70	H
	6912	-27.29	-13	-14.29	-49.68	-31.94	8.35	13.00	H
	8640	-49.01	-13	-36.01	-71.44	-52.94	7.97	11.90	H
	10368	-52.78	-13	-39.78	-78.73	-56.16	8.72	12.10	H
	3456	-56.86	-13	-43.86	-68.27	-64.80	4.66	12.60	V
	5184	-55.58	-13	-42.58	-69.19	-61.97	6.31	12.70	V
	6912	-34.14	-13	-21.14	-56.02	-38.79	8.35	13.00	V
	8640	-53.39	-13	-40.39	-73.69	-57.32	7.97	11.90	V
	10368	-55.76	-13	-42.76	-80.46	-59.14	8.72	12.10	V
Highest	3491	-56.06	-13	-43.06	-69.66	-64.06	4.66	12.66	H
	5236.5	-52.39	-13	-39.39	-67.72	-58.83	6.31	12.75	H
	6982	-27.87	-13	-14.87	-50.46	-32.64	8.35	13.12	H
	8727.55	-49.01	-13	-36.01	-68.89	-53.02	7.97	11.98	H
	10473	-52.78	-13	-39.78	-80.38	-56.27	8.72	12.21	H
	3491	-56.86	-13	-43.86	-69.24	-64.86	4.66	12.66	V
	5236.5	-55.58	-13	-42.58	-71.18	-62.02	6.31	12.75	V
	6982	-33.75	-13	-20.75	-55.74	-38.52	8.35	13.12	V
	8727.55	-53.39	-13	-40.39	-73.47	-57.40	7.97	11.98	V
	10473	-55.76	-13	-42.76	-80.14	-59.25	8.72	12.21	V

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



LTE Band 4 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.5	-55.82	-13	-42.82	-69.52	-63.74	4.66	12.58	H
	5132.25	-49.86	-13	-36.86	-67.79	-56.22	6.31	12.67	H
	6843	-31.30	-13	-18.30	-53.34	-35.90	8.35	12.95	H
	8553.75	-49.37	-13	-36.37	-71.80	-52.70	7.97	11.30	H
	10264.5	-51.12	-13	-38.12	-77.07	-54.42	8.72	12.02	H
	3421.5	-56.08	-13	-43.08	-67.49	-64.00	4.66	12.58	V
	5132.25	-53.79	-13	-40.79	-67.4	-60.15	6.31	12.67	V
	6843	-39.08	-13	-26.08	-59.36	-43.68	8.35	12.95	V
	8553.75	-54.67	-13	-41.67	-74.97	-58.00	7.97	11.30	V
	10264.5	-55.27	-13	-42.27	-79.97	-58.57	8.72	12.02	V
Middle	3451.5	-56.04	-13	-43.04	-69.74	-63.98	4.66	12.60	H
	5177.25	-51.38	-13	-38.38	-69.31	-57.77	6.31	12.70	H
	6903	-27.19	-13	-14.19	-49.54	-31.84	8.35	13.00	H
	8628.75	-48.44	-13	-35.44	-70.87	-52.37	7.97	11.90	H
	10354.5	-53.28	-13	-40.28	-79.23	-56.66	8.72	12.10	H
	3451.5	-56.62	-13	-43.62	-68.03	-64.56	4.66	12.60	V
	5177.25	-55.61	-13	-42.61	-69.22	-62.00	6.31	12.70	V
	6903	-33.58	-13	-20.58	-55.59	-38.23	8.35	13.00	V
	8628.75	-54.09	-13	-41.09	-74.39	-58.02	7.97	11.90	V
	10354.5	-55.92	-13	-42.92	-80.62	-59.30	8.72	12.10	V
Highest	3481.5	-56.57	-13	-43.57	-70.27	-64.57	4.66	12.66	H
	5222.25	-50.74	-13	-37.74	-68.67	-57.18	6.31	12.75	H
	6963	-26.49	-13	-13.49	-48.86	-31.26	8.35	13.12	H
	8703.75	-45.46	-13	-32.46	-67.89	-49.47	7.97	11.98	H
	10444.5	-53.30	-13	-40.30	-79.25	-56.79	8.72	12.21	H
	3481.5	-57.23	-13	-44.23	-68.64	-65.23	4.66	12.66	V
	5222.25	-56.45	-13	-43.45	-70.06	-62.89	6.31	12.75	V
	6963	-35.18	-13	-22.18	-56.56	-39.95	8.35	13.12	V
	8703.75	-51.83	-13	-38.83	-72.13	-55.84	7.97	11.98	V
	10444.5	-55.79	-13	-42.79	-80.49	-59.28	8.72	12.21	V

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



LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422	-56.04	-13	-43.04	-69.74	-63.96	4.66	12.58	H
	5133	-51.13	-13	-38.13	-69.06	-57.49	6.31	12.67	H
	6844	-31.86	-13	-18.86	-53.70	-36.46	8.35	12.95	H
	8555	-47.73	-13	-34.73	-70.16	-51.06	7.97	11.30	H
	10266	-49.72	-13	-36.72	-75.67	-53.02	8.72	12.02	H
	3422	-55.75	-13	-42.75	-67.16	-63.67	4.66	12.58	V
	5133	-54.40	-13	-41.40	-68.01	-60.76	6.31	12.67	V
	6844	-38.12	-13	-25.12	-58.67	-42.72	8.35	12.95	V
	8555	-56.33	-13	-43.33	-76.63	-59.66	7.97	11.30	V
	10266	-54.98	-13	-41.98	-79.68	-58.28	8.72	12.02	V
Middle	3447	-55.80	-13	-42.80	-69.50	-63.74	4.66	12.60	H
	5170.5	-49.91	-13	-36.91	-67.84	-56.30	6.31	12.70	H
	6894	-27.87	-13	-14.87	-50.46	-32.52	8.35	13.00	H
	8617.5	-44.59	-13	-31.59	-67.02	-48.52	7.97	11.90	H
	10341	-53.99	-13	-40.99	-79.94	-57.37	8.72	12.10	H
	3447	-56.41	-13	-43.41	-67.82	-64.35	4.66	12.60	V
	5170.5	-55.69	-13	-42.69	-69.3	-62.08	6.31	12.70	V
	6894	-35.16	-13	-22.16	-56.54	-39.81	8.35	13.00	V
	8617.5	-52.81	-13	-39.81	-73.11	-56.74	7.97	11.90	V
	10341	-55.83	-13	-42.83	-80.53	-59.21	8.72	12.10	V
Highest	3472	-58.05	-13	-45.05	-71.75	-66.05	4.66	12.66	H
	5208	-51.44	-13	-38.44	-69.37	-57.88	6.31	12.75	H
	6944	-27.58	-13	-14.58	-50.07	-32.35	8.35	13.12	H
	8680	-44.80	-13	-31.80	-67.23	-48.81	7.97	11.98	H
	10416	-52.53	-13	-39.53	-78.48	-56.02	8.72	12.21	H
	3472	-57.99	-13	-44.99	-69.4	-65.99	4.66	12.66	V
	5208	-56.89	-13	-43.89	-70.5	-63.33	6.31	12.75	V
	6944	-33.03	-13	-20.03	-55.1	-37.80	8.35	13.12	V
	8680	-52.71	-13	-39.71	-73.01	-56.72	7.97	11.98	V
	10416	-55.19	-13	-42.19	-79.89	-58.68	8.72	12.21	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)
Lowest	1648.14	-67.23	-13	-54.23	-72.79	-71.60	2.86	9.38	H
	2472.21	-68.38	-13	-55.38	-78.80	-73.07	3.74	10.58	H
	3296.28	-65.91	-13	-52.91	-80.67	-71.88	4.45	12.57	H
	1648.14	-67.33	-13	-54.33	-72.04	-71.70	2.86	9.38	V
	2472.21	-69.90	-13	-56.90	-79.73	-74.59	3.74	10.58	V
	3296.28	-67.17	-13	-54.17	-80.74	-73.14	4.45	12.57	V
Middle	1671.74	-70.04	-13	-57.04	-75.60	-74.43	2.86	9.40	H
	2507.61	-69.03	-13	-56.03	-79.45	-73.74	3.74	10.60	H
	3343.48	-67.05	-13	-54.05	-81.81	-73.05	4.45	12.60	H
	1671.74	-69.33	-13	-56.33	-74.04	-73.72	2.86	9.40	V
	2507.61	-70.28	-13	-57.28	-80.11	-74.99	3.74	10.60	V
	3343.48	-68.22	-13	-55.22	-81.79	-74.22	4.45	12.60	V
Highest	1695.34	-71.48	-13	-58.48	-77.04	-75.89	2.86	9.42	H
	2543.01	-69.28	-13	-56.28	-79.70	-74.02	3.74	10.63	H
	3390.68	-67.11	-13	-54.11	-81.87	-73.19	4.45	12.68	H
	1695.34	-72.22	-13	-59.22	-76.93	-76.63	2.86	9.42	V
	2543.01	-70.11	-13	-57.11	-79.94	-74.85	3.74	10.63	V
	3390.68	-68.29	-13	-55.29	-81.86	-74.37	4.45	12.68	V

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



LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.3	-66.76	-13	-53.76	-72.32	-71.13	2.86	9.38	H
	2472.45	-68.40	-13	-55.40	-78.82	-73.09	3.74	10.58	H
	3296.6	-65.96	-13	-52.96	-80.72	-71.93	4.45	12.57	H
	1648.3	-66.93	-13	-53.93	-71.64	-71.30	2.86	9.38	V
	2472.45	-69.59	-13	-56.59	-79.42	-74.28	3.74	10.58	V
	3296.6	-67.06	-13	-54.06	-80.63	-73.03	4.45	12.57	V
Middle	1670.3	-68.84	-13	-55.84	-74.40	-73.23	2.86	9.40	H
	2505.45	-68.92	-13	-55.92	-79.34	-73.63	3.74	10.60	H
	3340.6	-66.85	-13	-53.85	-81.61	-72.85	4.45	12.60	H
	1670.3	-69.18	-13	-56.18	-73.89	-73.57	2.86	9.40	V
	2505.45	-70.09	-13	-57.09	-79.92	-74.80	3.74	10.60	V
	3340.6	-68.10	-13	-55.10	-81.67	-74.10	4.45	12.60	V
Highest	1692.3	-71.05	-13	-58.05	-76.61	-75.46	2.86	9.42	H
	2538.45	-69.32	-13	-56.32	-79.74	-74.06	3.74	10.63	H
	3384.6	-66.97	-13	-53.97	-81.73	-73.05	4.45	12.68	H
	1692.3	-71.21	-13	-58.21	-75.92	-75.62	2.86	9.42	V
	2538.45	-70.25	-13	-57.25	-80.08	-74.99	3.74	10.63	V
	3384.6	-68.15	-13	-55.15	-81.72	-74.23	4.45	12.68	V

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



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.5	-66.87	-13	-53.87	-72.43	-71.24	2.86	9.38	H
	2472.75	-68.37	-13	-55.37	-78.79	-73.06	3.74	10.58	H
	3297	-65.98	-13	-52.98	-80.74	-71.95	4.45	12.57	H
	1648.5	-66.59	-13	-53.59	-71.30	-70.96	2.86	9.38	V
	2472.75	-69.47	-13	-56.47	-79.30	-74.16	3.74	10.58	V
	3297	-67.17	-13	-54.17	-80.74	-73.14	4.45	12.57	V
Middle	1668.5	-68.18	-13	-55.18	-73.74	-72.57	2.86	9.40	H
	2502.75	-68.88	-13	-55.88	-79.30	-73.59	3.74	10.60	H
	3337	-66.66	-13	-53.66	-81.42	-72.66	4.45	12.60	H
	1668.5	-68.12	-13	-55.12	-72.83	-72.51	2.86	9.40	V
	2502.75	-69.95	-13	-56.95	-79.78	-74.66	3.74	10.60	V
	3337	-67.86	-13	-54.86	-81.43	-73.86	4.45	12.60	V
Highest	1688.5	-70.39	-13	-57.39	-75.95	-74.80	2.86	9.42	H
	2532.75	-68.55	-13	-55.55	-78.97	-73.29	3.74	10.63	H
	3377	-67.00	-13	-54.00	-81.76	-73.08	4.45	12.68	H
	1688.5	-68.71	-13	-55.71	-73.42	-73.12	2.86	9.42	V
	2532.75	-70.20	-13	-57.20	-80.03	-74.94	3.74	10.63	V
	3377	-68.06	-13	-55.06	-81.63	-74.14	4.45	12.68	V

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



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649	-67.10	-13	-54.10	-72.66	-71.47	2.86	9.38	H
	2473.5	-68.77	-13	-55.77	-79.19	-73.46	3.74	10.58	H
	3298	-65.79	-13	-52.79	-80.55	-71.76	4.45	12.57	H
	1649	-66.44	-13	-53.44	-71.15	-70.81	2.86	9.38	V
	2473.5	-69.86	-13	-56.86	-79.69	-74.55	3.74	10.58	V
	3298	-67.22	-13	-54.22	-80.79	-73.19	4.45	12.57	V
Middle	1664	-68.67	-13	-55.67	-74.23	-73.06	2.86	9.40	H
	2496	-68.96	-13	-55.96	-79.38	-73.67	3.74	10.60	H
	3328	-66.55	-13	-53.55	-81.31	-72.55	4.45	12.60	H
	1664	-67.66	-13	-54.66	-72.37	-72.05	2.86	9.40	V
	2496	-70.07	-13	-57.07	-79.90	-74.78	3.74	10.60	V
	3328	-67.69	-13	-54.69	-81.26	-73.69	4.45	12.60	V
Highest	1679	-70.73	-13	-57.73	-76.29	-75.14	2.86	9.42	H
	2518.5	-68.23	-13	-55.23	-78.65	-72.97	3.74	10.63	H
	3358	-67.12	-13	-54.12	-81.88	-73.20	4.45	12.68	H
	1679	-67.59	-13	-54.59	-72.30	-72.00	2.86	9.42	V
	2518.5	-70.01	-13	-57.01	-79.84	-74.75	3.74	10.63	V
	3358	-68.01	-13	-55.01	-81.58	-74.09	4.45	12.68	V

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



LTE Band 12 / 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)
Lowest	1399.4	-56.17	-13	-43.17	-59.57	-59.07	2.85	7.90	H
	2099.1	-67.20	-13	-54.20	-73.40	-72.14	3.21	10.30	H
	2798.2	-65.27	-13	-52.27	-73.76	-70.67	3.85	11.40	H
	1399.4	-56.51	-13	-43.51	-59.95	-59.41	2.85	7.90	V
	2099.1	-66.51	-13	-53.51	-70.90	-71.45	3.21	10.30	V
	2798.2	-65.79	-13	-52.79	-73.16	-71.19	3.85	11.40	V
Middle	1413.74	-52.55	-13	-39.55	-56.07	-55.52	2.88	8.00	H
	2120.61	-68.12	-13	-55.12	-74.32	-73.12	3.25	10.40	H
	2827.48	-66.41	-13	-53.41	-74.90	-71.89	3.87	11.50	H
	1413.74	-56.51	-13	-43.51	-59.95	-59.48	2.88	8.00	V
	2120.61	-66.38	-13	-53.38	-70.77	-71.38	3.25	10.40	V
	2827.48	-67.31	-13	-54.31	-74.68	-72.79	3.87	11.50	V
Highest	1430.6	-50.64	-13	-37.64	-54.56	-53.68	2.91	8.10	H
	2145.9	-68.59	-13	-55.59	-74.79	-73.60	3.28	10.44	H
	2861.2	-67.33	-13	-54.33	-75.82	-72.89	3.89	11.60	H
	1430.6	-53.27	-13	-40.27	-57.93	-56.21	2.91	8.00	V
	2145.9	-66.15	-13	-53.15	-70.54	-71.12	3.28	10.40	V
	2861.2	-68.44	-13	-55.44	-75.81	-73.90	3.89	11.50	V

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



LTE Band 12 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1401	-55.86	-13	-42.86	-59.26	-58.76	2.85	7.90	H
	2101.5	-66.00	-13	-53.00	-72.20	-70.94	3.21	10.30	H
	2802	-64.76	-13	-51.76	-73.25	-70.16	3.85	11.40	H
	1401	-55.49	-13	-42.49	-58.93	-58.39	2.85	7.90	V
	2101.5	-65.54	-13	-52.54	-69.93	-70.48	3.21	10.30	V
	2802	-64.61	-13	-51.61	-71.98	-70.01	3.85	11.40	V
Middle	1412.3	-50.99	-13	-37.99	-55.07	-53.96	2.88	8.00	H
	2118.45	-68.18	-13	-55.18	-74.38	-73.18	3.25	10.40	H
	2824.6	-66.76	-13	-53.76	-75.25	-72.24	3.87	11.50	H
	1412.3	-57.12	-13	-44.12	-60.56	-60.09	2.88	8.00	V
	2118.45	-66.68	-13	-53.68	-71.07	-71.68	3.25	10.40	V
	2824.6	-67.49	-13	-54.49	-74.86	-72.97	3.87	11.50	V
Highest	1429	-55.07	-13	-42.07	-58.47	-58.11	2.91	8.10	H
	2143.5	-69.79	-13	-56.79	-75.99	-74.80	3.28	10.44	H
	2858	-66.35	-13	-53.35	-74.84	-71.91	3.89	11.60	H
	1429	-56.61	-13	-43.61	-60.05	-59.55	2.91	8.00	V
	2143.5	-69.77	-13	-56.77	-74.16	-74.74	3.28	10.40	V
	2858	-67.73	-13	-54.73	-75.10	-73.19	3.89	11.50	V

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



LTE Band 12 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.5	-55.22	-13	-42.22	-58.62	-58.12	2.85	7.90	H
	2097.75	-66.40	-13	-53.40	-72.60	-71.34	3.21	10.30	H
	2797	-64.82	-13	-51.82	-73.31	-70.22	3.85	11.40	H
	1398.5	-55.24	-13	-42.24	-58.68	-58.14	2.85	7.90	V
	2097.75	-66.01	-13	-53.01	-70.40	-70.95	3.21	10.30	V
	2797	-64.61	-13	-51.61	-71.98	-70.01	3.85	11.40	V
Middle	1410.5	-50.27	-13	-37.27	-54.02	-53.24	2.88	8.00	H
	2115.75	-69.21	-13	-56.21	-75.41	-74.21	3.25	10.40	H
	2821	-67.13	-13	-54.13	-75.62	-72.61	3.87	11.50	H
	1410.5	-57.37	-13	-44.37	-60.81	-60.34	2.88	8.00	V
	2115.75	-69.55	-13	-56.55	-73.94	-74.55	3.25	10.40	V
	2821	-67.44	-13	-54.44	-74.81	-72.92	3.87	11.50	V
Highest	1422.5	-54.22	-13	-41.22	-57.62	-57.26	2.91	8.10	H
	2133.75	-68.98	-13	-55.98	-75.18	-73.99	3.28	10.44	H
	2845	-65.83	-13	-52.83	-74.32	-71.39	3.89	11.60	H
	1422.5	-56.73	-13	-43.73	-60.17	-59.67	2.91	8.00	V
	2133.75	-68.40	-13	-55.40	-72.79	-73.37	3.28	10.40	V
	2845	-67.10	-13	-54.10	-74.47	-72.56	3.89	11.50	V

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



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-55.26	-13	-42.26	-58.66	-58.16	2.85	7.90	H
	2098.5	-66.80	-13	-53.80	-73.00	-71.74	3.21	10.30	H
	2798	-65.03	-13	-52.03	-73.52	-70.43	3.85	11.40	H
	1399	-55.36	-13	-42.36	-58.80	-58.26	2.85	7.90	V
	2098.5	-66.35	-13	-53.35	-70.74	-71.29	3.21	10.30	V
	2798	-65.22	-13	-52.22	-72.59	-70.62	3.85	11.40	V
Middle	1406	-54.67	-13	-41.67	-58.07	-57.64	2.88	8.00	H
	2109	-69.50	-13	-56.50	-75.70	-74.50	3.25	10.40	H
	2812	-67.29	-13	-54.29	-75.78	-72.77	3.87	11.50	H
	1406	-58.49	-13	-45.49	-61.93	-61.46	2.88	8.00	V
	2109	-70.31	-13	-57.31	-74.70	-75.31	3.25	10.40	V
	2812	-67.81	-13	-54.81	-75.18	-73.29	3.87	11.50	V
Highest	1413	-50.30	-13	-37.30	-54.06	-53.34	2.91	8.10	H
	2119.5	-68.33	-13	-55.33	-74.53	-73.34	3.28	10.44	H
	2826	-66.79	-13	-53.79	-75.28	-72.35	3.89	11.60	H
	1413	-56.41	-13	-43.41	-59.85	-59.35	2.91	8.00	V
	2119.5	-67.11	-13	-54.11	-71.50	-72.08	3.28	10.40	V
	2826	-67.02	-13	-54.02	-74.39	-72.48	3.89	11.50	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)
Lowest	1554.5	-63.30	-13	-50.30	-65.01	-67.86	2.61	9.32	H
	2331.75	-63.00	-13	-50.00	-69.06	-69.00	2.33	10.48	H
	3109	-69.38	-13	-56.38	-77.38	-75.22	4.46	12.45	H
	3886.25	-64.00	-13	-51.00	-76.08	-69.47	4.81	12.43	H
	1554.5	-64.99	-13	-51.99	-66.83	-69.55	2.61	9.32	V
	2331.75	-68.41	-13	-55.41	-74.36	-74.41	2.33	10.48	V
	3109	-69.15	-13	-56.15	-77.18	-74.99	4.46	12.45	V
	3886.25	-63.58	-13	-50.58	-75.54	-69.05	4.81	12.43	V
Middle	1559.5	-62.13	-40	-22.13	-65.99	-68.81	2.68	9.36	H
	2339.25	-57.39	-13	-44.39	-63.45	-63.39	2.36	10.51	H
	3119	-69.22	-13	-56.22	-77.22	-75.10	4.49	12.52	H
	3898.75	-63.29	-13	-50.29	-75.37	-68.75	4.88	12.49	H
	1559.5	-63.41	-40	-23.41	-67.40	-70.09	2.68	9.36	V
	2339.25	-63.79	-13	-50.79	-69.74	-69.79	2.36	10.51	V
	3119	-69.36	-13	-56.36	-77.39	-75.24	4.49	12.52	V
	3898.75	-63.50	-13	-50.50	-75.46	-68.96	4.88	12.49	V
Highest	1564.5	-65.05	-40	-25.05	-68.91	-71.73	2.71	9.39	H
	2346.75	-59.29	-13	-46.29	-65.35	-65.31	2.39	10.56	H
	3129	-69.49	-13	-56.49	-77.49	-75.36	4.53	12.55	H
	3911.25	-62.77	-13	-49.77	-74.85	-68.30	4.91	12.59	H
	1564.5	-61.77	-40	-21.77	-65.76	-68.45	2.71	9.39	V
	2346.75	-65.36	-13	-52.36	-71.31	-71.38	2.39	10.56	V
	3129	-69.45	-13	-56.45	-77.48	-75.32	4.53	12.55	V
	3911.25	-62.86	-13	-49.86	-74.82	-68.39	4.91	12.59	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	1560	-64.37	-40	-24.37	-68.23	-71.05	2.68	9.36	H
	2340	-64.58	-13	-51.58	-70.64	-70.58	2.36	10.51	H
	3120	-69.27	-13	-56.27	-77.27	-75.15	4.49	12.52	H
	3900	-65.52	-13	-52.52	-77.60	-70.98	4.88	12.49	H
	1560	-64.24	-40	-24.24	-68.23	-70.92	2.68	9.36	V
	2340	-67.67	-13	-54.67	-73.62	-73.67	2.36	10.51	V
	3120	-69.24	-13	-56.24	-77.27	-75.12	4.49	12.52	V
	3900	-64.92	-13	-51.92	-76.88	-70.38	4.88	12.49	V

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



LTE Band 17 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408.68	-56.84	-13	-43.84	-62.40	-61.25	2.83	9.39	H
	2113.02	-68.38	-13	-55.38	-78.80	-73.13	3.69	10.59	H
	2817.36	-64.90	-13	-51.90	-79.66	-70.98	4.36	12.59	H
	1408.68	-53.10	-13	-40.10	-58.94	-57.51	2.83	9.39	V
	2113.02	-68.41	-13	-55.41	-78.24	-73.16	3.69	10.59	V
	2817.36	-66.04	-13	-53.04	-79.61	-72.12	4.36	12.59	V
Middle	1415.68	-49.32	-13	-36.32	-57.04	-53.73	2.84	9.40	H
	2123.58	-65.89	-13	-52.89	-76.31	-70.64	3.7	10.60	H
	2831.36	-64.49	-13	-51.49	-79.25	-70.57	4.37	12.60	H
	1415.68	-51.87	-13	-38.87	-58.40	-56.28	2.84	9.40	V
	2123.58	-64.95	-13	-51.95	-74.78	-69.70	3.70	10.60	V
	2831.36	-66.12	-13	-53.12	-79.69	-72.20	4.37	12.60	V
Highest	1422.68	-49.53	-13	-36.53	-57.20	-53.94	2.86	9.42	H
	2134.02	-67.80	-13	-54.80	-78.22	-72.55	3.72	10.62	H
	2845.36	-64.93	-13	-51.93	-79.69	-71.01	4.39	12.62	H
	1422.68	-55.22	-13	-42.22	-59.93	-59.63	2.86	9.42	V
	2134.02	-67.02	-13	-54.02	-76.85	-71.77	3.72	10.62	V
	2845.36	-65.96	-13	-52.96	-79.53	-72.04	4.39	12.62	V

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



LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1409.18	-56.64	-13	-43.64	-62.20	-61.05	2.83	9.39	H
	2113.77	-67.96	-13	-54.96	-78.38	-72.71	3.69	10.59	H
	2818.36	-64.85	-13	-51.85	-79.61	-70.93	4.36	12.59	H
	1409.18	-54.64	-13	-41.64	-59.47	-59.05	2.83	9.39	V
	2113.77	-68.99	-13	-55.99	-78.82	-73.74	3.69	10.59	V
	2818.36	-66.02	-13	-53.02	-79.59	-72.10	4.36	12.59	V
Middle	1411.18	-56.48	-13	-43.48	-62.04	-60.89	2.84	9.40	H
	2116.77	-68.26	-13	-55.26	-78.68	-73.01	3.7	10.60	H
	2822.36	-64.92	-13	-51.92	-79.68	-71.00	4.37	12.60	H
	1411.18	-51.94	-13	-38.94	-58.44	-56.35	2.84	9.40	V
	2116.77	-68.31	-13	-55.31	-78.14	-73.06	3.70	10.60	V
	2822.36	-66.02	-13	-53.02	-79.59	-72.10	4.37	12.60	V
Highest	1413.18	-53.85	-13	-40.85	-59.47	-58.26	2.86	9.42	H
	2119.77	-66.89	-13	-53.89	-77.31	-71.64	3.72	10.62	H
	2826.36	-64.82	-13	-51.82	-79.58	-70.90	4.39	12.62	H
	1413.18	-52.63	-13	-39.63	-58.76	-57.04	2.86	9.42	V
	2119.77	-66.24	-13	-53.24	-76.07	-70.99	3.72	10.62	V
	2826.36	-66.06	-13	-53.06	-79.63	-72.14	4.39	12.62	V

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