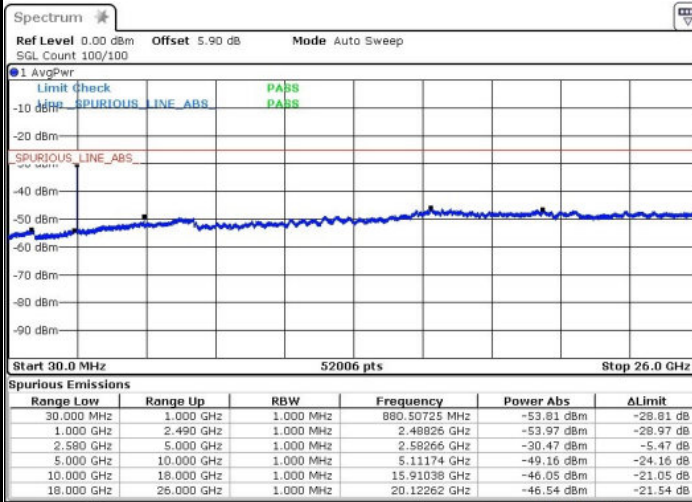


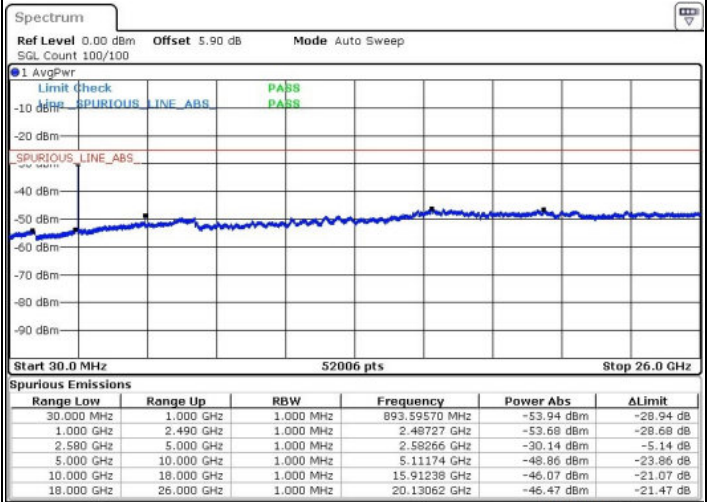
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 22.MAR.2017 21:10:12

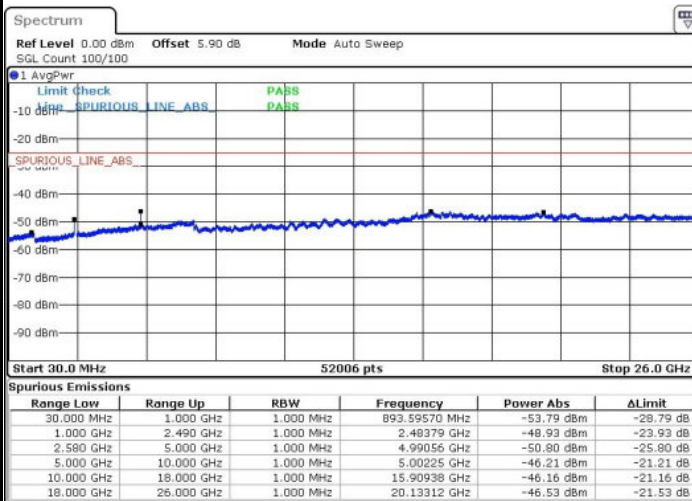
Highest Channel / 16QAM



Date: 22.MAR.2017 21:06:01

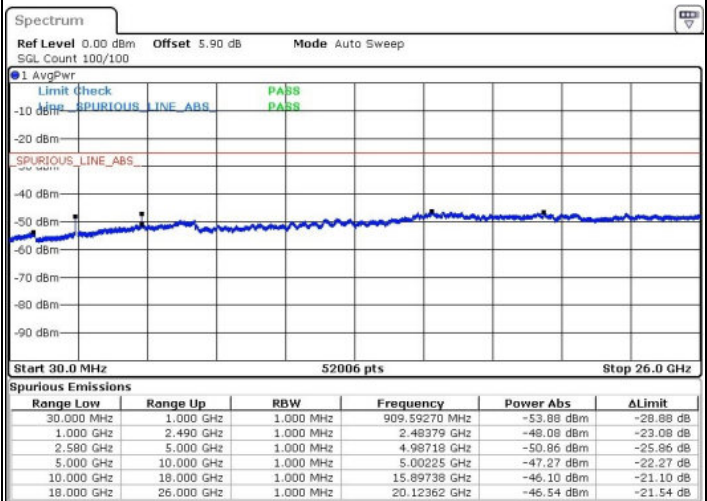
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 22.MAR.2017 21:18:55

Lowest Channel / 16QAM

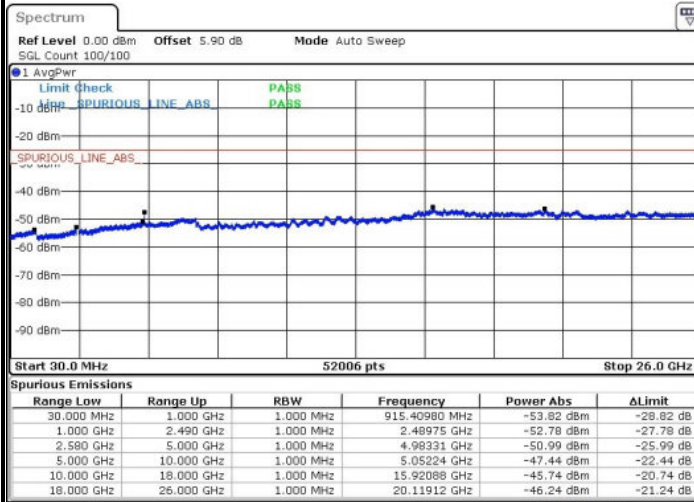


Date: 22.MAR.2017 21:18:02



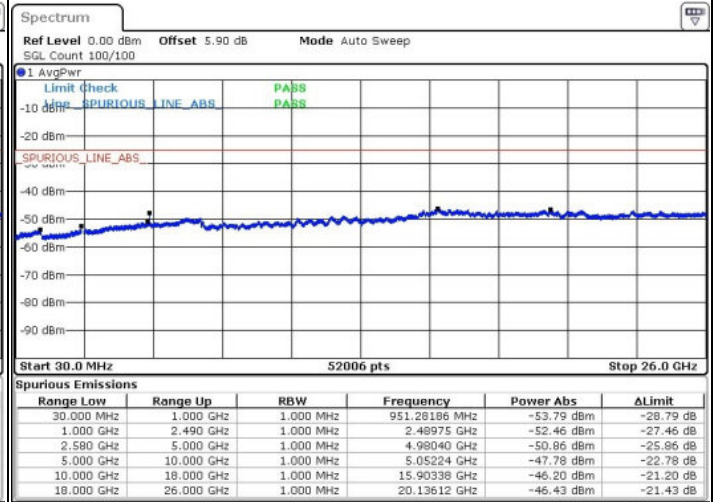
LTE Band 7 / 20MHz

Middle Channel / QPSK



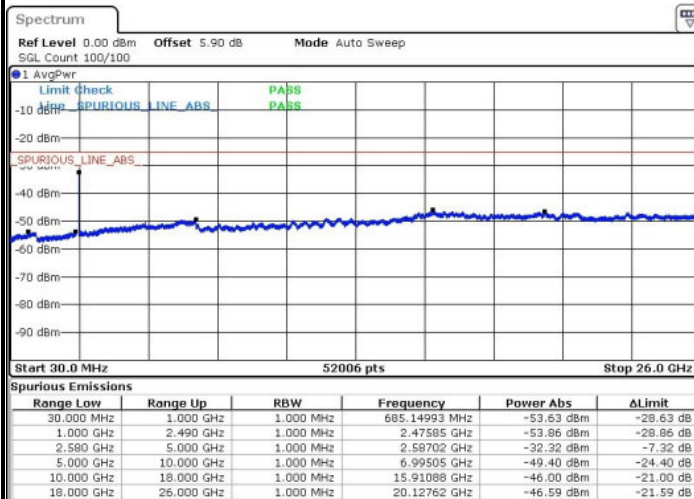
Date: 22 MAR 2017 21:21:11

Middle Channel / 16QAM



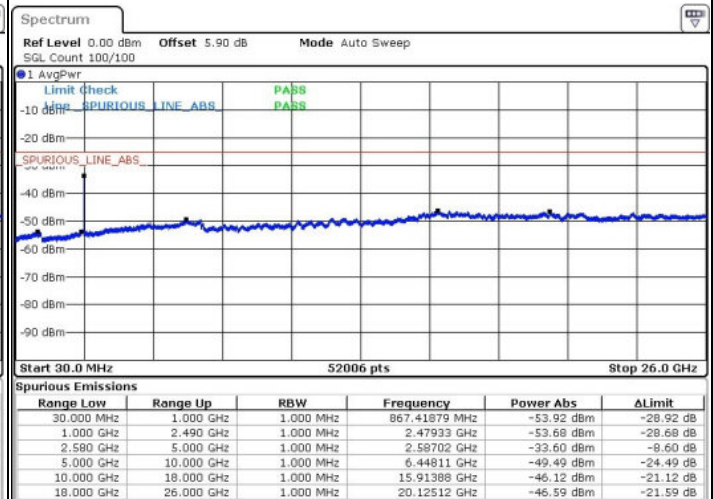
Date: 22 MAR 2017 21:20:21

Highest Channel / QPSK



Date: 22 MAR 2017 21:40:15

Highest Channel / 16QAM

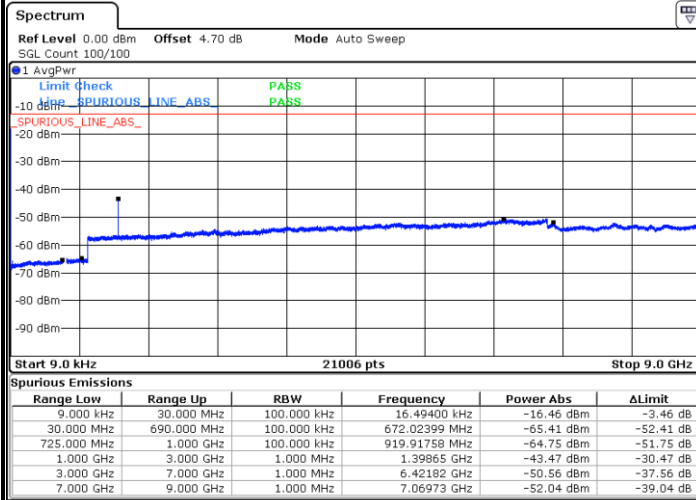


Date: 22 MAR 2017 21:42:09



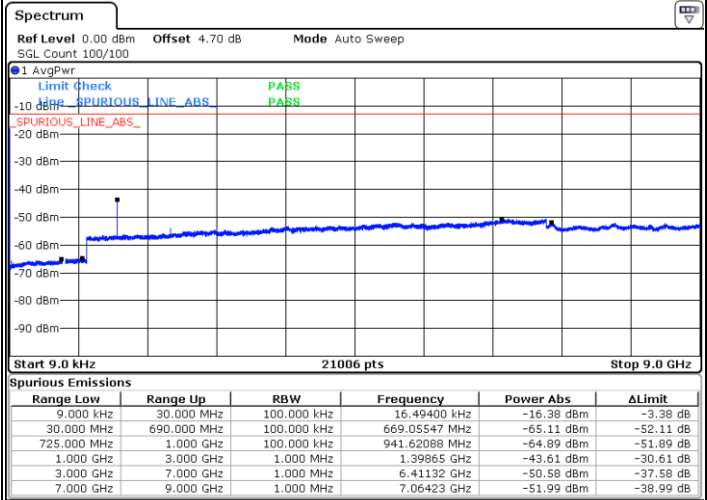
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



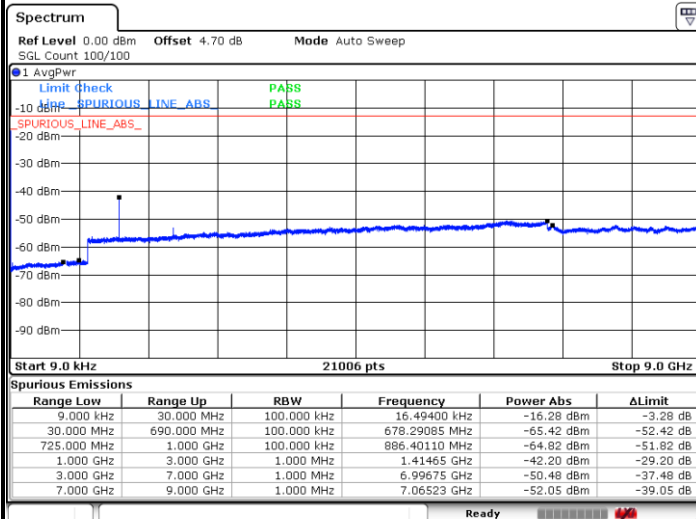
Date: 18 MAR 2017 22:14:13

Lowest Channel / 16QAM



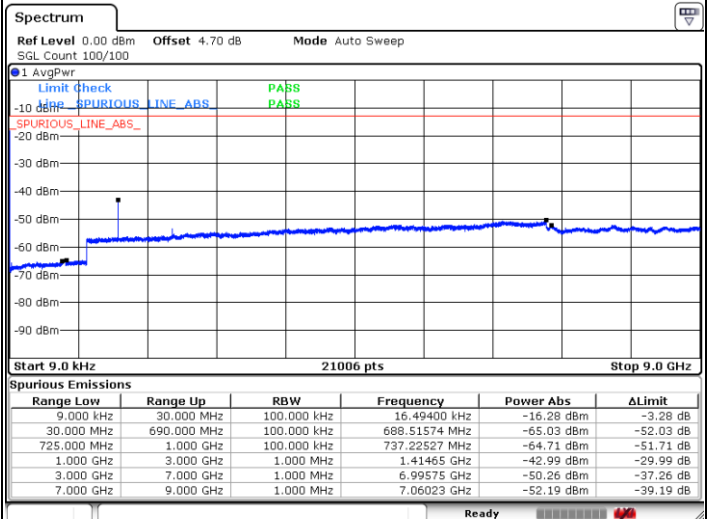
Date: 18 MAR 2017 22:14:57

Middle Channel / QPSK



Date: 18 MAR 2017 22:15:58

Middle Channel / 16QAM

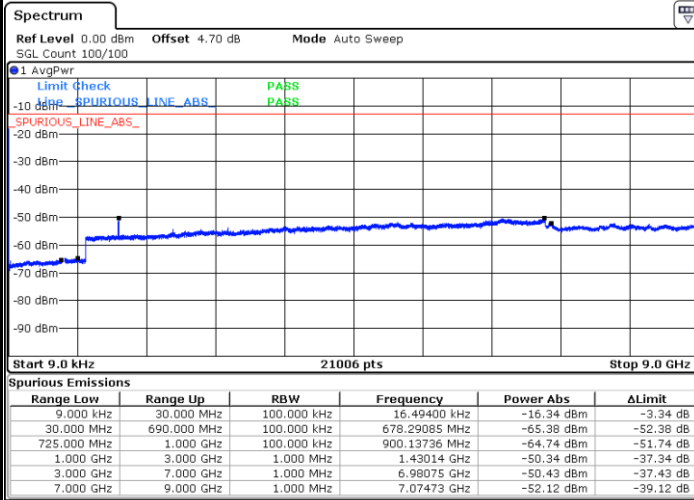


Date: 18 MAR 2017 22:17:01



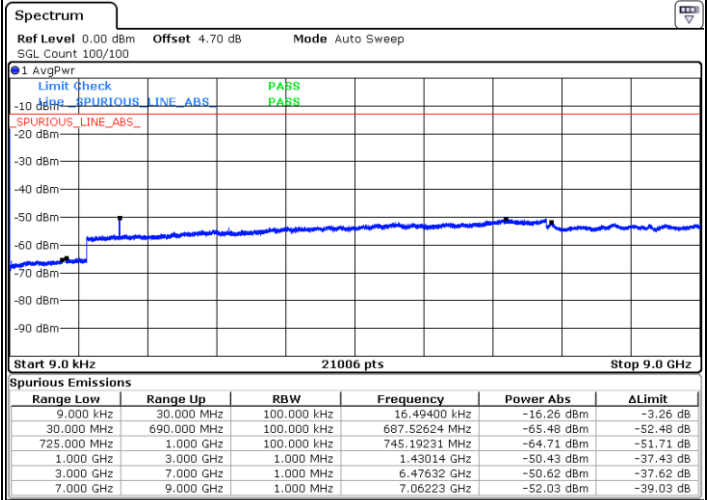
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 18 MAR 2017 22:18:10

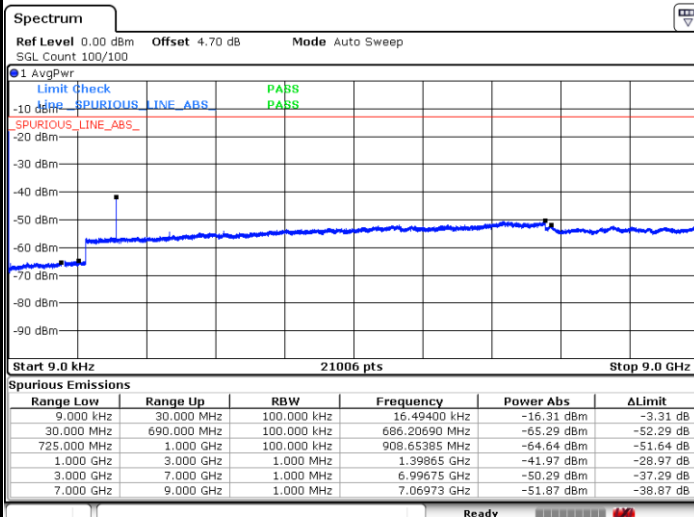
Highest Channel / 16QAM



Date: 18 MAR 2017 22:18:46

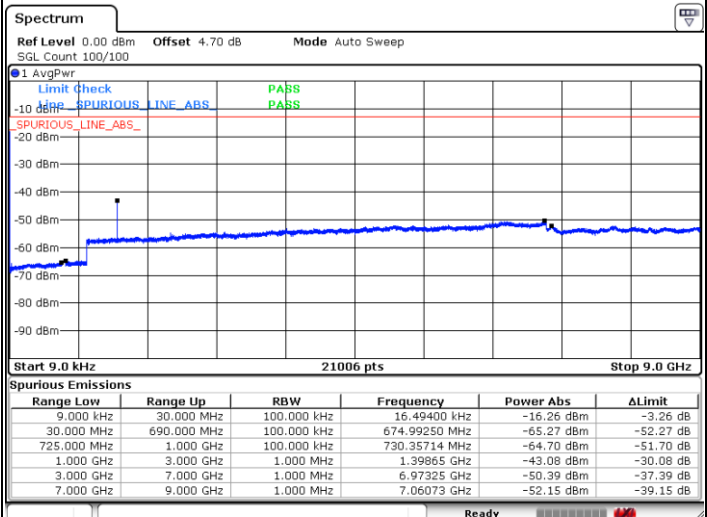
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 18 MAR 2017 22:29:47

Lowest Channel / 16QAM

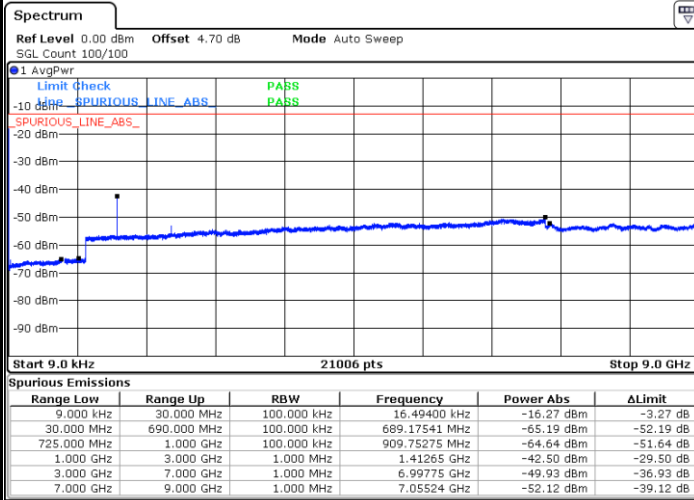


Date: 18 MAR 2017 22:30:24



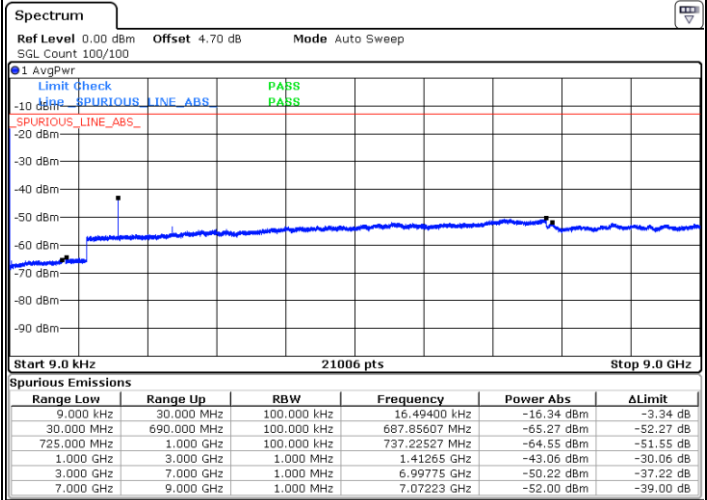
LTE Band 12 / 3MHz

Middle Channel / QPSK



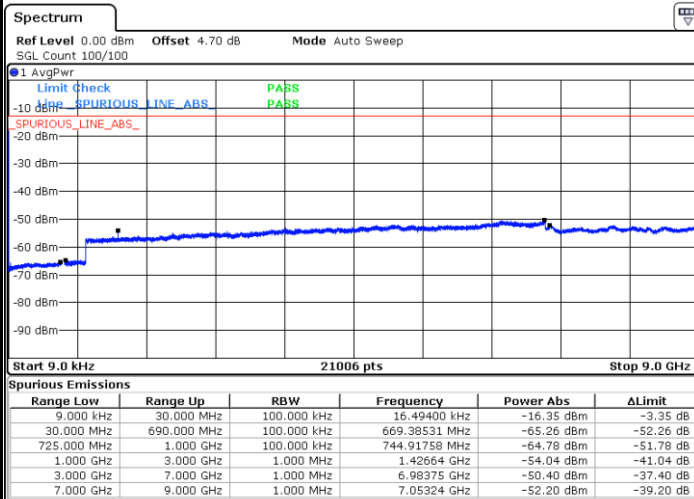
Date: 18 MAR 2017 22:31:09

Middle Channel / 16QAM



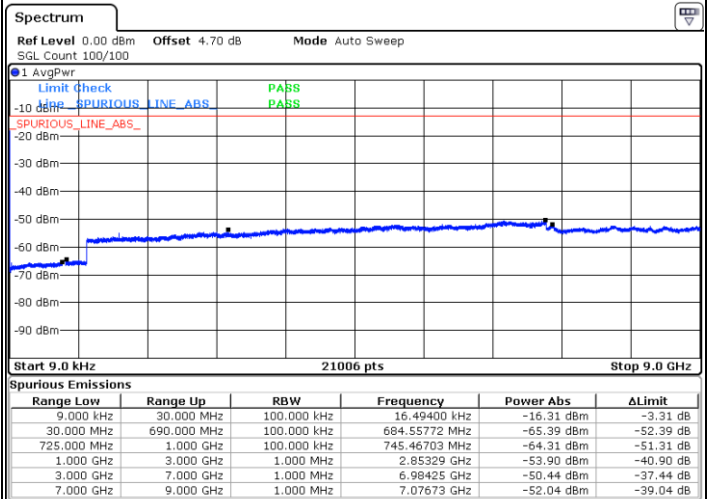
Date: 18 MAR 2017 22:31:43

Highest Channel / QPSK



Date: 18 MAR 2017 22:32:29

Highest Channel / 16QAM

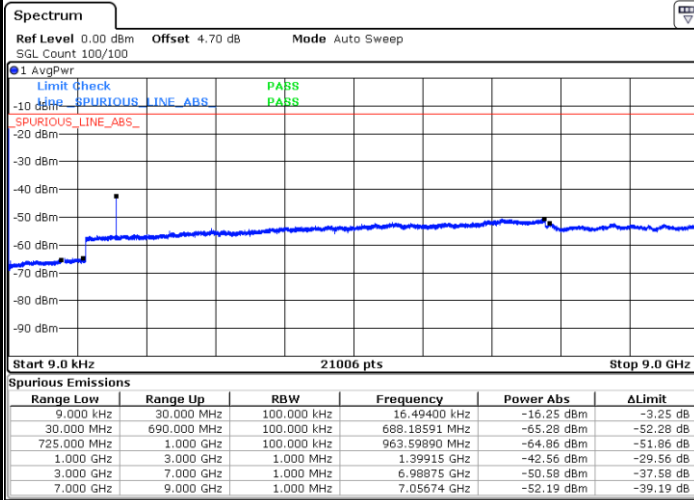


Date: 18 MAR 2017 22:33:02



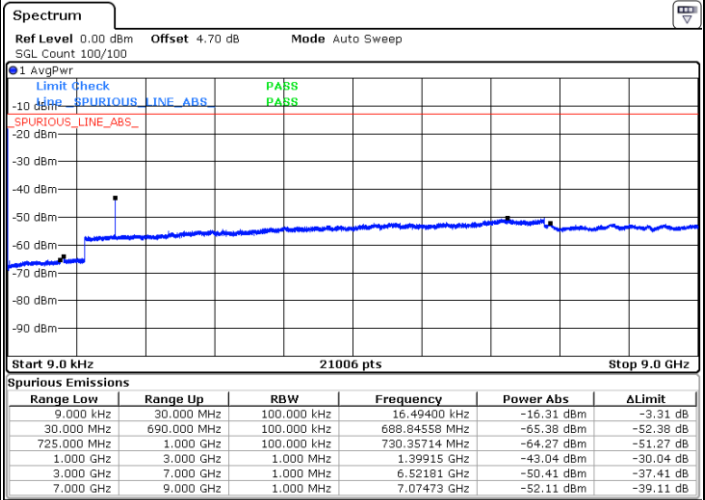
LTE Band 12 / 5MHz

Lowest Channel / QPSK



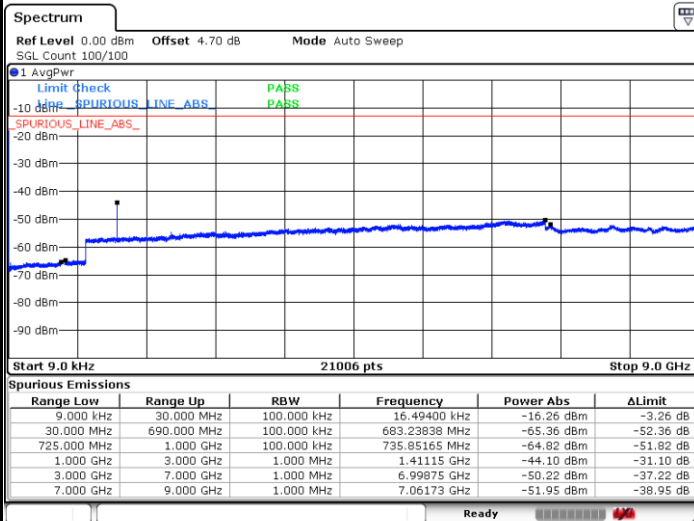
Date: 18 MAR 2017 22:33:58

Lowest Channel / 16QAM



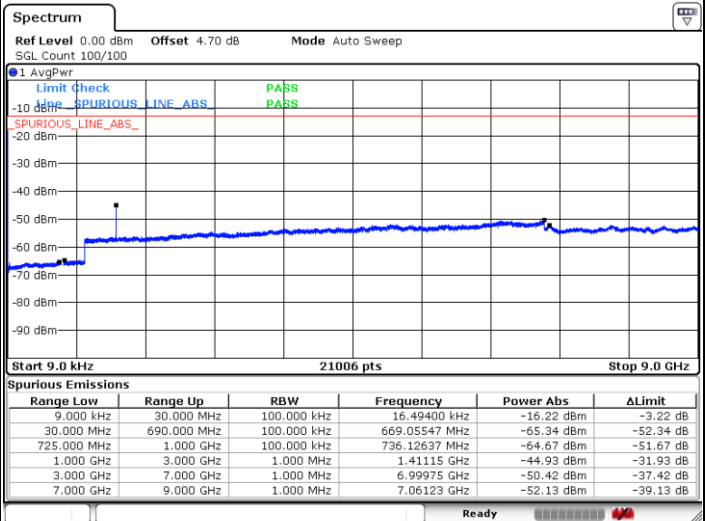
Date: 18 MAR 2017 22:34:33

Middle Channel / QPSK



Date: 18 MAR 2017 22:35:15

Middle Channel / 16QAM

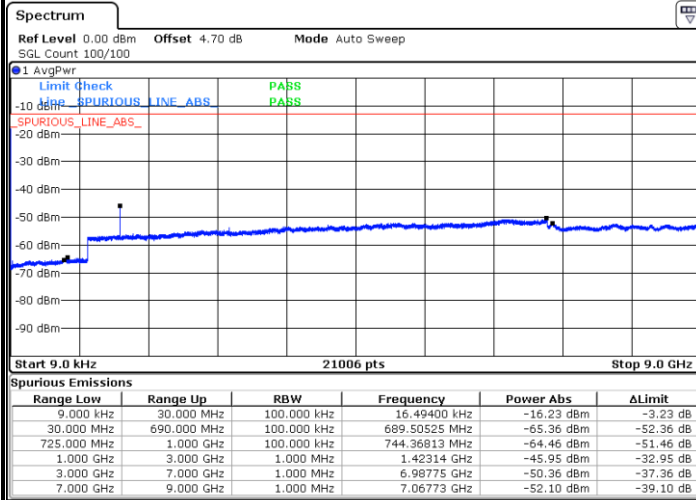


Date: 18 MAR 2017 22:35:51



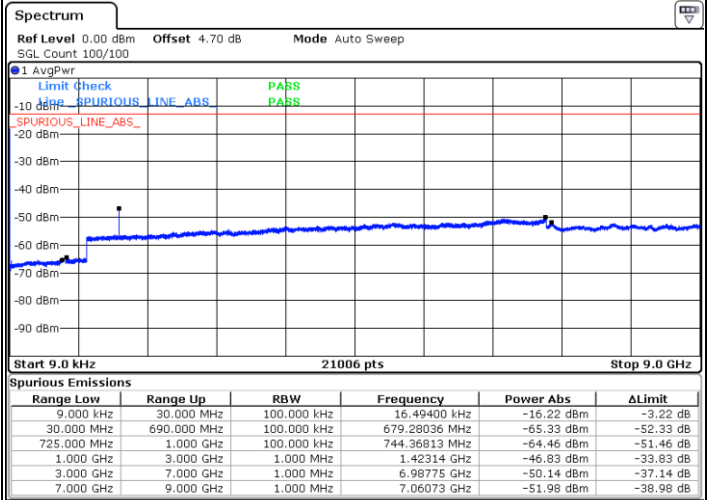
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 18 MAR 2017 22:36:47

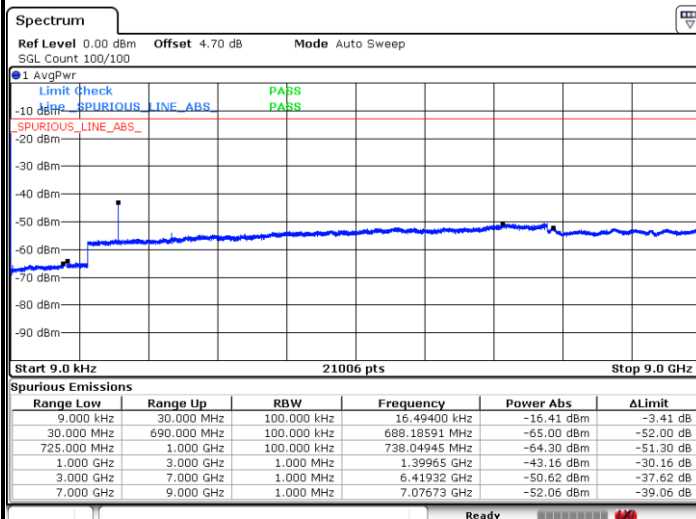
Highest Channel / 16QAM



Date: 18 MAR 2017 22:37:21

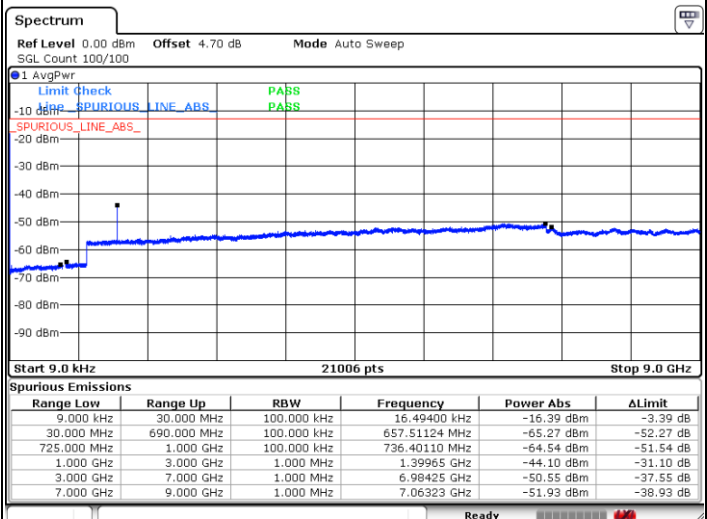
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 18 MAR 2017 22:38:26

Lowest Channel / 16QAM

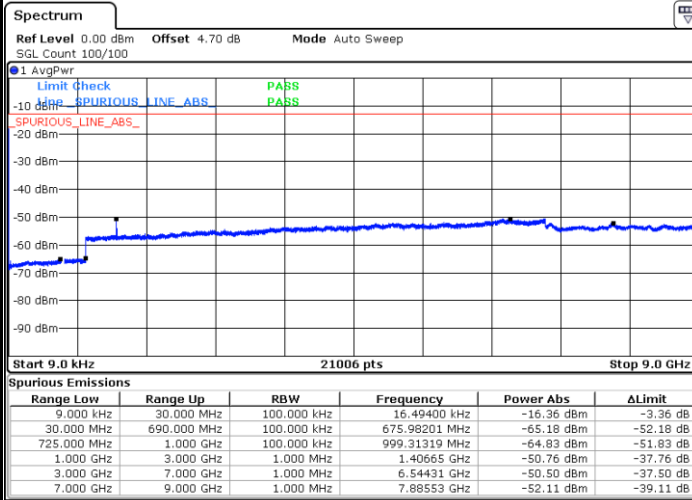


Date: 18 MAR 2017 22:39:34



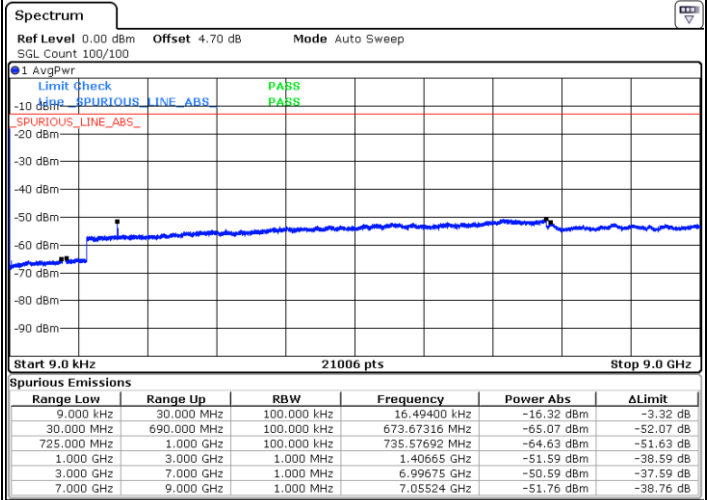
LTE Band 12 / 10MHz

Middle Channel / QPSK



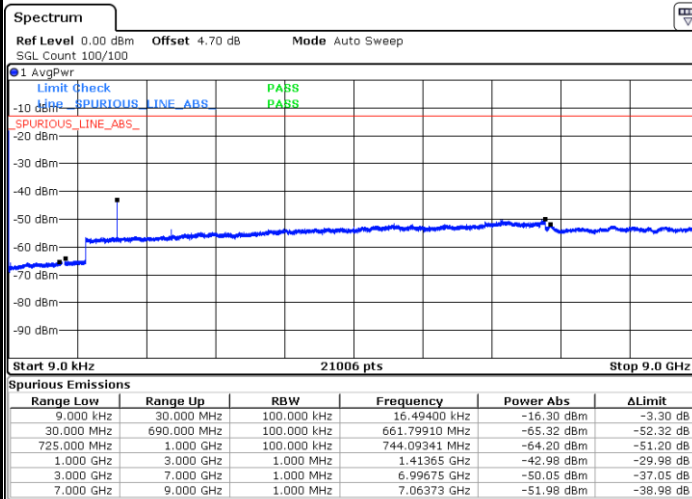
Date: 18 MAR 2017 22:41:06

Middle Channel / 16QAM



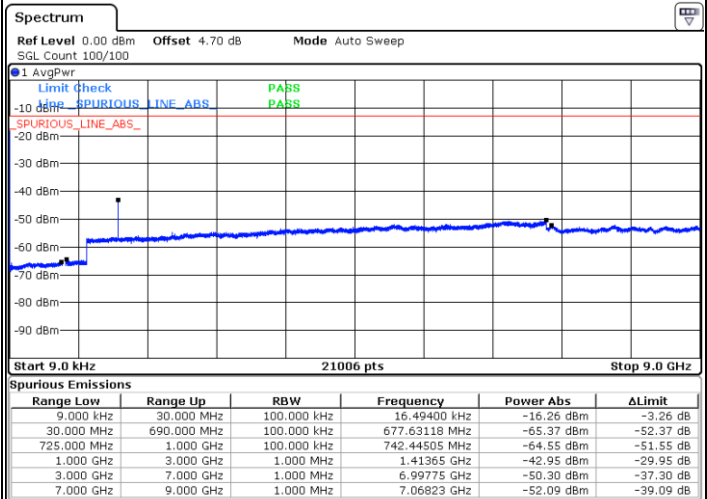
Date: 18 MAR 2017 22:41:44

Highest Channel / QPSK



Date: 18 MAR 2017 22:42:39

Highest Channel / 16QAM

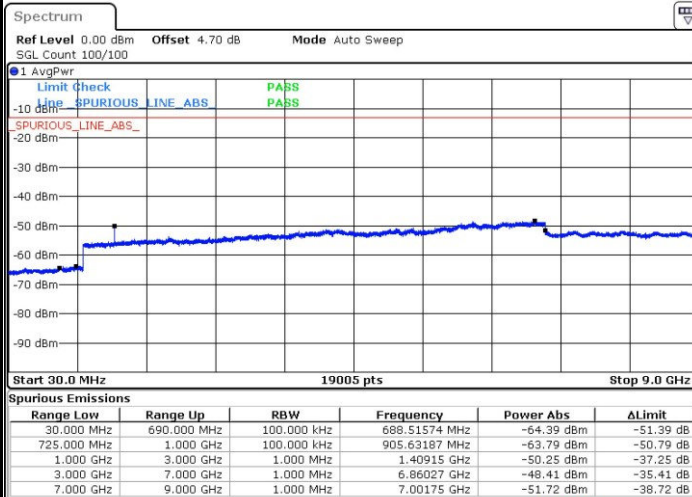


Date: 18 MAR 2017 22:43:27



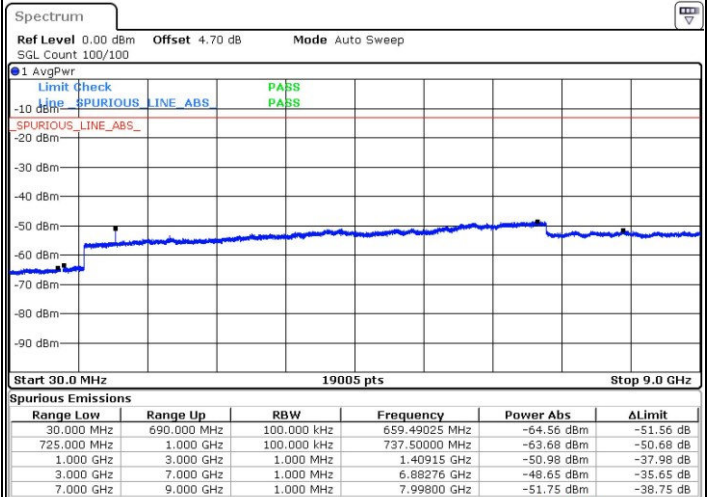
LTE Band 17 / 5MHz

Lowest Channel / QPSK



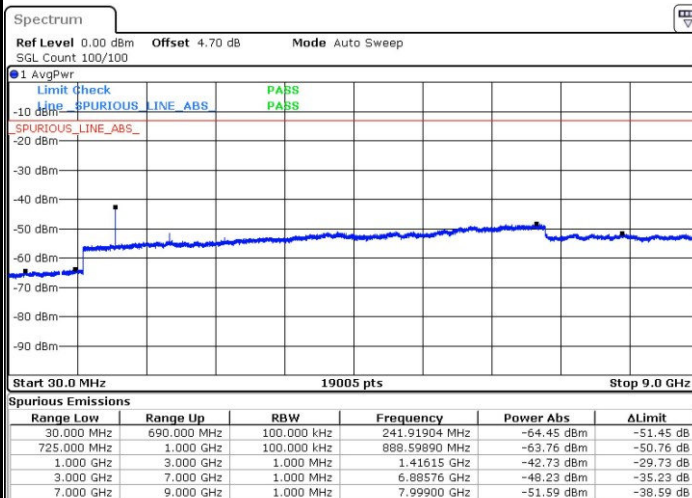
Date: 20 MAR 2017 22:25:14

Lowest Channel / 16QAM



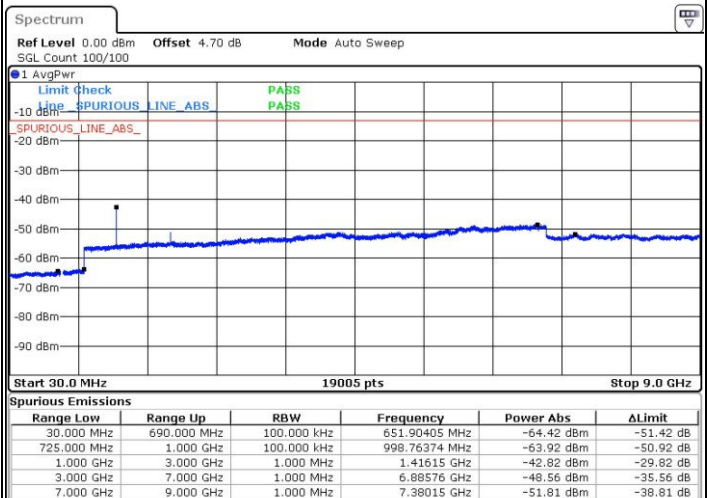
Date: 20 MAR 2017 22:26:10

Middle Channel / QPSK



Date: 20 MAR 2017 22:27:50

Middle Channel / 16QAM

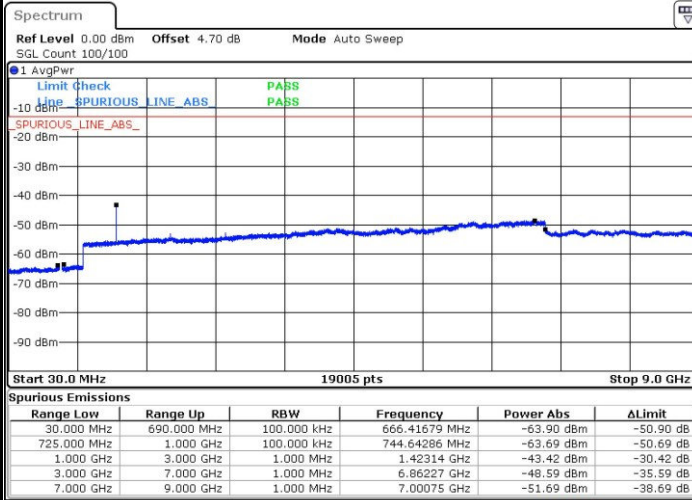


Date: 20 MAR 2017 22:28:45



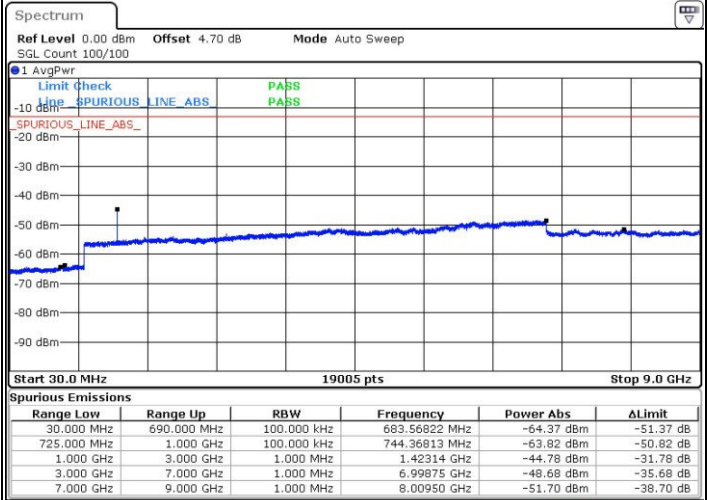
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 20 MAR 2017 22:34:59

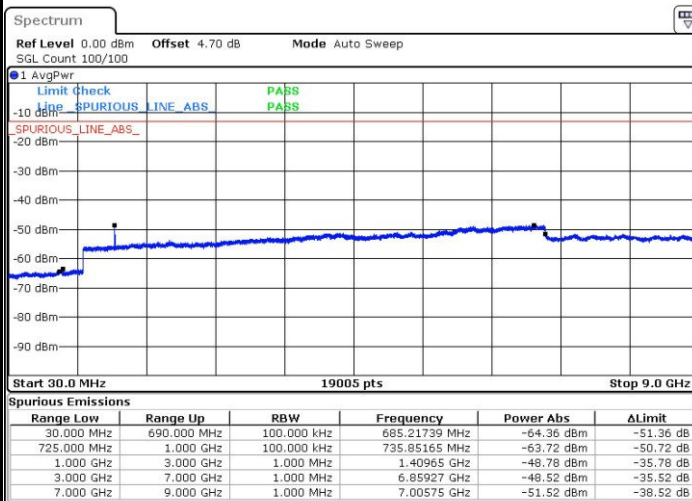
Highest Channel / 16QAM



Date: 20 MAR 2017 22:35:54

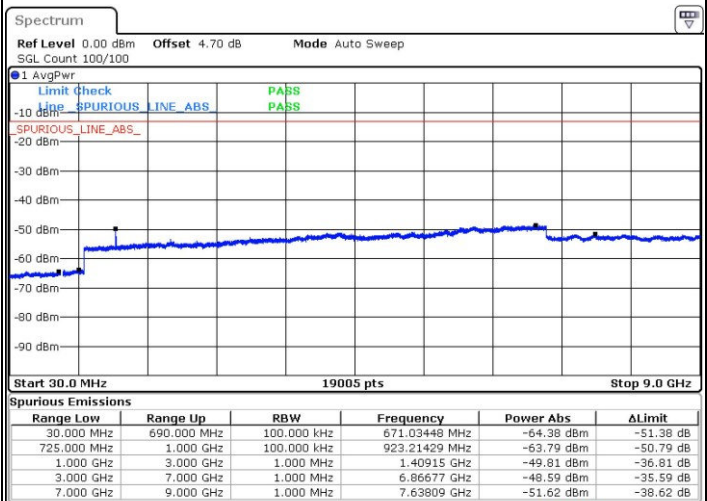
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 20 MAR 2017 22:42:08

Lowest Channel / 16QAM

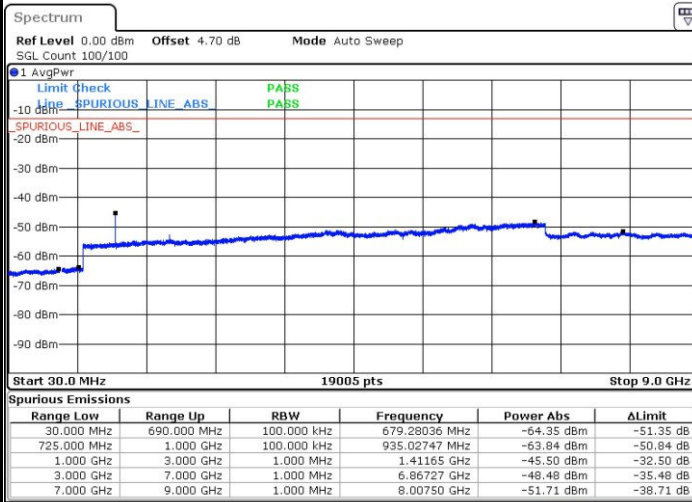


Date: 20 MAR 2017 22:43:04



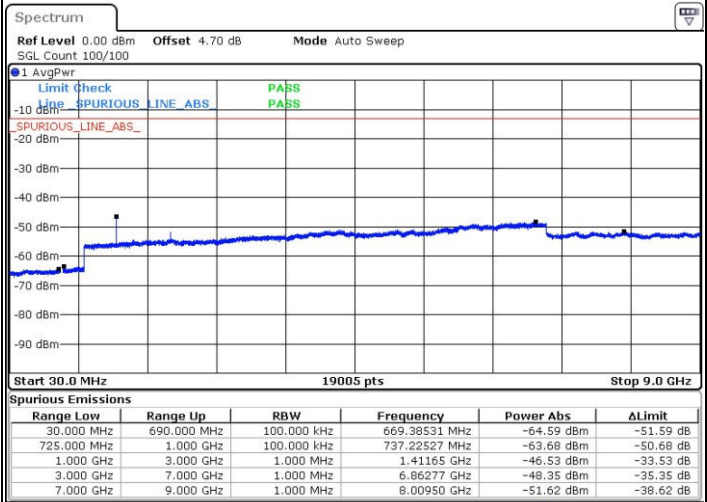
LTE Band 17 / 10MHz

Middle Channel / QPSK



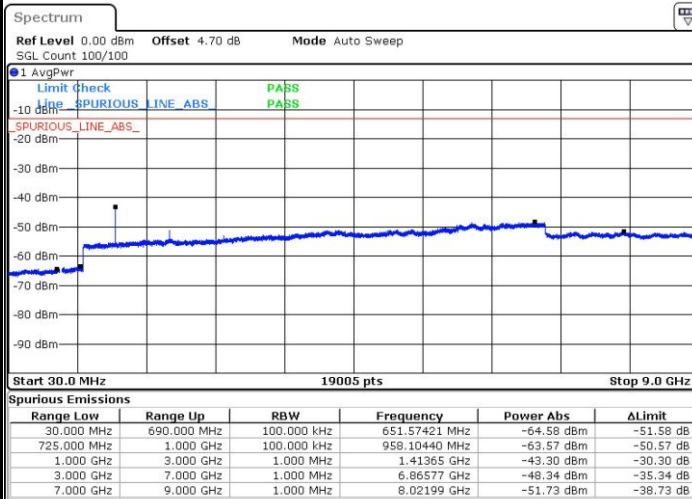
Date: 20 MAR 2017 22:44:44

Middle Channel / 16QAM



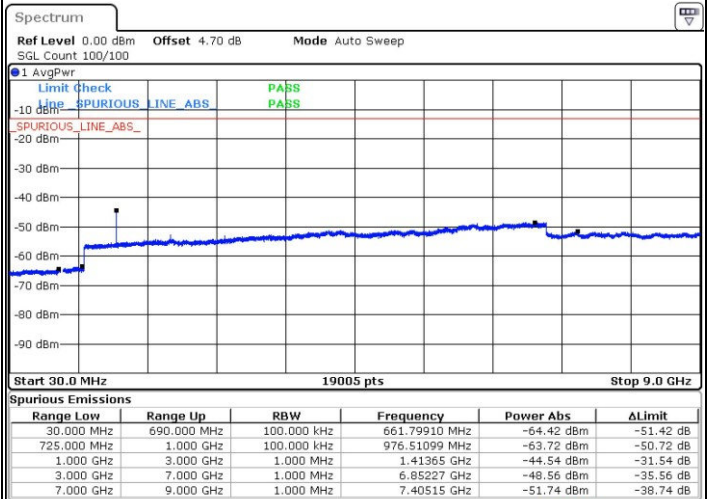
Date: 20 MAR 2017 22:45:39

Highest Channel / QPSK



Date: 20 MAR 2017 22:51:53

Highest Channel / 16QAM



Date: 20 MAR 2017 22:52:48

**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	0.0025	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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	0.0034	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0047	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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	0.0062	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0073	
-20	Normal Voltage	0.0088	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0081	
20	Battery End Point	0.0006	

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =3.85V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0040	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 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	0.0006	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0061	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0039	
20	Battery End Point	0.0065	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.32	-46.45	-13	-33.45	-61.67	-52.49	6.56	12.60	H
	5550.48	-49.11	-13	-36.11	-68.53	-54.21	8	13.10	H
	7400.64	-44.91	-13	-31.91	-69.31	-46.64	9.57	11.30	H
	3700.32	-47.20	-13	-34.20	-62.73	-53.24	6.56	12.6	V
	5550.48	-47.30	-13	-34.30	-67.32	-52.40	8	13.1	V
	7400.64	-45.30	-13	-32.30	-69.6	-47.03	9.57	11.3	V
Middle	3758.92	-47.35	-13	-34.35	-62.63	-53.39	6.56	12.60	H
	5638.38	-49.49	-13	-36.49	-68.84	-54.59	8	13.10	H
	7517.84	-45.85	-13	-32.85	-69.55	-47.58	9.57	11.30	H
	3758.92	-48.80	-13	-35.80	-64.35	-54.84	6.56	12.6	V
	5638.38	-47.19	-13	-34.19	-67.11	-52.29	8	13.1	V
	7517.84	-44.86	-13	-31.86	-68.59	-46.59	9.57	11.3	V
Highest	3817.52	-47.15	-13	-34.15	-62.55	-53.19	6.56	12.60	H
	5726.28	-47.35	-13	-34.35	-66.96	-52.45	8	13.10	H
	7635.04	-46.06	-13	-33.06	-69.14	-47.79	9.57	11.30	H
	3817.52	-48.69	-13	-35.69	-64.31	-54.73	6.56	12.6	V
	5726.28	-45.79	-13	-32.79	-66.1	-50.89	8	13.1	V
	7635.04	-45.89	-13	-32.89	-69.1	-47.62	9.57	11.3	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.48	-45.89	-13	-32.89	-61.11	-51.93	6.56	12.60	H
	5550.72	-49.36	-13	-36.36	-68.78	-54.46	8	13.10	H
	7400.96	-44.74	-13	-31.74	-69.14	-46.47	9.57	11.30	H
	3700.48	-47.70	-13	-34.70	-63.23	-53.74	6.56	12.6	V
	5550.72	-46.50	-13	-33.50	-66.52	-51.60	8	13.1	V
	7400.96	-45.03	-13	-32.03	-69.33	-46.76	9.57	11.3	V
Middle	3757.48	-47.24	-13	-34.24	-62.52	-53.28	6.56	12.60	H
	5636.22	-48.71	-13	-35.71	-68.06	-53.81	8	13.10	H
	7514.96	-45.49	-13	-32.49	-69.22	-47.22	9.57	11.30	H
	3757.48	-49.03	-13	-36.03	-64.58	-55.07	6.56	12.6	V
	5636.22	-47.45	-13	-34.45	-67.37	-52.55	8	13.1	V
	7514.96	-45.58	-13	-32.58	-69.34	-47.31	9.57	11.3	V
Highest	3814.48	-48.24	-13	-35.24	-63.64	-54.28	6.56	12.60	H
	5721.72	-48.10	-13	-35.10	-67.71	-53.20	8	13.10	H
	7628.96	-45.63	-13	-32.63	-68.71	-47.36	9.57	11.30	H
	3814.48	-50.46	-13	-37.46	-66.08	-56.50	6.56	12.6	V
	5721.72	-45.55	-13	-32.55	-65.86	-50.65	8	13.1	V
	7628.96	-45.96	-13	-32.96	-69.17	-47.69	9.57	11.3	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.68	-46.36	-13	-33.36	-61.58	-52.40	6.56	12.60	H
	5551.02	-48.60	-13	-35.60	-68.02	-53.70	8	13.10	H
	7401.36	-45.20	-13	-32.20	-69.60	-46.93	9.57	11.30	H
	3700.68	-47.58	-13	-34.58	-63.11	-53.62	6.56	12.6	V
	5551.02	-47.61	-13	-34.61	-67.63	-52.71	8	13.1	V
	7401.36	-44.80	-13	-31.80	-69.1	-46.53	9.57	11.3	V
Middle	3755.68	-47.18	-13	-34.18	-62.46	-53.22	6.56	12.60	H
	5633.52	-49.96	-13	-36.96	-69.31	-55.06	8	13.10	H
	7511.36	-45.45	-13	-32.45	-69.18	-47.18	9.57	11.30	H
	3755.68	-49.77	-13	-36.77	-65.32	-55.81	6.56	12.6	V
	5633.52	-46.77	-13	-33.77	-66.69	-51.87	8	13.1	V
	7511.36	-44.77	-13	-31.77	-68.53	-46.50	9.57	11.3	V
Highest	3810.68	-47.80	-13	-34.80	-63.14	-53.84	6.56	12.60	H
	5716.02	-47.62	-13	-34.62	-67.18	-52.72	8	13.10	H
	7621.36	-46.19	-13	-33.19	-69.24	-47.92	9.57	11.30	H
	3810.68	-50.22	-13	-37.22	-65.78	-56.26	6.56	12.6	V
	5716.02	-45.42	-13	-32.42	-65.65	-50.52	8	13.1	V
	7621.36	-45.60	-13	-32.60	-68.78	-47.33	9.57	11.3	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.18	-47.18	-13	-34.18	-62.40	-53.22	6.56	12.60	H
	5551.77	-49.58	-13	-36.58	-69.00	-54.68	8	13.10	H
	7402.36	-44.64	-13	-31.64	-69.04	-46.37	9.57	11.30	H
	3701.18	-46.88	-13	-33.88	-62.41	-52.92	6.56	12.6	V
	5551.77	-46.28	-13	-33.28	-66.3	-51.38	8	13.1	V
	7402.36	-44.63	-13	-31.63	-68.93	-46.36	9.57	11.3	V
Middle	3751.18	-47.13	-13	-34.13	-62.41	-53.17	6.56	12.60	H
	5626.77	-50.10	-13	-37.10	-69.52	-55.20	8	13.10	H
	7502.36	-44.65	-13	-31.65	-68.49	-46.38	9.57	11.30	H
	3751.18	-48.97	-13	-35.97	-64.52	-55.01	6.56	12.6	V
	5626.77	-46.38	-13	-33.38	-66.38	-51.48	8	13.1	V
	7502.36	-45.99	-13	-32.99	-69.84	-47.72	9.57	11.3	V
Highest	3801.18	-48.48	-13	-35.48	-63.82	-54.52	6.56	12.60	H
	5701.77	-49.63	-13	-36.63	-69.19	-54.73	8	13.10	H
	7602.36	-46.00	-13	-33.00	-69.06	-47.73	9.57	11.30	H
	3801.18	-50.90	-13	-37.90	-66.46	-56.94	6.56	12.6	V
	5701.77	-46.46	-13	-33.46	-66.69	-51.56	8	13.1	V
	7602.36	-45.69	-13	-32.69	-68.88	-47.42	9.57	11.3	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.68	-46.50	-13	-33.50	-61.72	-52.54	6.56	12.60	H
	5552.52	-48.38	-13	-35.38	-67.80	-53.48	8	13.10	H
	7403.36	-44.49	-13	-31.49	-68.89	-46.22	9.57	11.30	H
	3701.68	-47.03	-13	-34.03	-62.56	-53.07	6.56	12.6	V
	5552.52	-47.21	-13	-34.21	-67.23	-52.31	8	13.1	V
	7403.36	-45.22	-13	-32.22	-69.52	-46.95	9.57	11.3	V
Middle	3746.68	-47.69	-13	-34.69	-62.97	-53.73	6.56	12.60	H
	5620.02	-47.35	-13	-34.35	-66.77	-52.45	8	13.10	H
	7493.36	-45.24	-13	-32.24	-69.08	-46.97	9.57	11.30	H
	3746.68	-48.76	-13	-35.76	-64.31	-54.80	6.56	12.6	V
	5620.02	-46.61	-13	-33.61	-66.61	-51.71	8	13.1	V
	7493.36	-45.69	-13	-32.69	-69.54	-47.42	9.57	11.3	V
Highest	3791.68	-47.62	-13	-34.62	-62.94	-53.66	6.56	12.60	H
	5687.52	-47.82	-13	-34.82	-67.33	-52.92	8	13.10	H
	7583.36	-46.22	-13	-33.22	-69.42	-47.95	9.57	11.30	H
	3791.68	-50.45	-13	-37.45	-66.01	-56.49	6.56	12.6	V
	5687.52	-47.30	-13	-34.30	-67.45	-52.40	8	13.1	V
	7583.36	-46.02	-13	-33.02	-69.33	-47.75	9.57	11.3	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702.18	-46.26	-13	-33.26	-61.48	-52.30	6.56	12.60	H
	5553.27	-48.37	-13	-35.37	-67.79	-53.47	8	13.10	H
	7404.36	-44.91	-13	-31.91	-69.31	-46.64	9.57	11.30	H
	3702.18	-47.13	-13	-34.13	-62.66	-53.17	6.56	12.6	V
	5553.27	-46.32	-13	-33.32	-66.34	-51.42	8	13.1	V
	7404.36	-44.41	-13	-31.41	-68.71	-46.14	9.57	11.3	V
Middle	3742.18	-48.26	-13	-35.26	-63.52	-54.30	6.56	12.60	H
	5613.27	-50.18	-13	-37.18	-69.67	-55.28	8	13.10	H
	7484.36	-45.96	-13	-32.96	-69.91	-47.69	9.57	11.30	H
	3742.18	-49.08	-13	-36.08	-64.63	-55.12	6.56	12.6	V
	5613.27	-48.21	-13	-35.21	-68.28	-53.31	8	13.1	V
	7484.36	-45.16	-13	-32.16	-69.1	-46.89	9.57	11.3	V
Highest	3782.18	-47.36	-13	-34.36	-62.68	-53.40	6.56	12.60	H
	5673.27	-48.42	-13	-35.42	-67.87	-53.52	8	13.10	H
	7564.36	-45.77	-13	-32.77	-69.11	-47.50	9.57	11.30	H
	3782.18	-50.45	-13	-37.45	-66.01	-56.49	6.56	12.6	V
	5673.27	-46.20	-13	-33.20	-66.28	-51.30	8	13.1	V
	7564.36	-46.07	-13	-33.07	-69.5	-47.80	9.57	11.3	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.32	-48.16	-13	-35.16	-61.50	-54.58	6.18	12.60	H
	5130.48	-44.05	-13	-31.05	-63.39	-49.01	7.74	12.70	H
	6840.64	-48.29	-13	-35.29	-69.87	-50.99	9	11.70	H
	3420.32	-47.51	-13	-34.51	-61.2	-53.93	6.18	12.60	V
	5130.48	-48.17	-13	-35.17	-68.24	-53.13	7.74	12.70	V
	6840.64	-47.88	-13	-34.88	-70.06	-50.58	9	11.70	V
Middle	3463.74	-48.92	-13	-35.92	-62.74	-55.34	6.18	12.60	H
	5195.61	-46.14	-13	-33.14	-65.47	-51.10	7.74	12.70	H
	6927.48	-47.95	-13	-34.95	-70.16	-50.65	9	11.70	H
	3463.74	-50.40	-13	-37.40	-64.58	-56.82	6.18	12.60	V
	5195.61	-48.33	-13	-35.33	-68.33	-53.29	7.74	12.70	V
	6927.48	-47.29	-13	-34.29	-70.03	-49.99	9	11.70	V
Highest	3507.52	-49.52	-13	-36.52	-63.81	-55.94	6.18	12.60	H
	5261.28	-44.89	-13	-31.89	-63.96	-49.85	7.74	12.70	H
	7015.04	-47.49	-13	-34.49	-70.28	-50.19	9	11.70	H
	3507.52	-49.99	-13	-36.99	-64.66	-56.41	6.18	12.60	V
	5261.28	-47.06	-13	-34.06	-66.56	-52.02	7.74	12.70	V
	7015.04	-45.83	-13	-32.83	-69.08	-48.53	9	11.70	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.48	-48.29	-13	-35.29	-61.63	-54.71	6.18	12.60	H
	5130.72	-43.97	-13	-30.97	-63.31	-48.93	7.74	12.70	H
	6840.96	-48.30	-13	-35.30	-69.88	-51.00	9	11.70	H
	3420.48	-47.30	-13	-34.30	-60.99	-53.72	6.18	12.60	V
	5130.72	-47.91	-13	-34.91	-67.98	-52.87	7.74	12.70	V
	6840.96	-47.73	-13	-34.73	-69.91	-50.43	9	11.70	V
Middle	3462.48	-49.04	-13	-36.04	-62.86	-55.46	6.18	12.60	H
	5193.72	-46.06	-13	-33.06	-65.40	-51.02	7.74	12.70	H
	6924.96	-48.15	-13	-35.15	-70.36	-50.85	9	11.70	H
	3462.48	-50.19	-13	-37.19	-64.37	-56.61	6.18	12.60	V
	5193.72	-46.60	-13	-33.60	-66.61	-51.56	7.74	12.70	V
	6924.96	-47.38	-13	-34.38	-70.12	-50.08	9	11.70	V
Highest	3504.48	-50.24	-13	-37.24	-64.37	-56.66	6.18	12.60	H
	5256.72	-43.94	-13	-30.94	-62.98	-48.90	7.74	12.70	H
	7008.96	-47.37	-13	-34.37	-70.06	-50.07	9	11.70	H
	3505.2	-50.29	-13	-37.29	-64.79	-56.71	6.18	12.60	V
	5257.8	-45.30	-13	-32.30	-64.74	-50.26	7.74	12.70	V
	7010.4	-46.24	-13	-33.24	-69.41	-48.94	9	11.70	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.68	-48.17	-13	-35.17	-61.51	-54.59	6.18	12.60	H
	5131.02	-44.36	-13	-31.36	-63.70	-49.32	7.74	12.70	H
	6841.36	-47.39	-13	-34.39	-68.97	-50.09	9	11.70	H
	3420.68	-46.68	-13	-33.68	-60.37	-53.10	6.18	12.60	V
	5131.02	-48.96	-13	-35.96	-69.03	-53.92	7.74	12.70	V
	6841.36	-47.16	-13	-34.16	-69.34	-49.86	9	11.70	V
Middle	3460.68	-49.80	-13	-36.80	-63.62	-56.22	6.18	12.60	H
	5191.02	-46.41	-13	-33.41	-65.75	-51.37	7.74	12.70	H
	6921.36	-47.76	-13	-34.76	-69.83	-50.46	9	11.70	H
	3460.68	-50.21	-13	-37.21	-64.39	-56.63	6.18	12.60	V
	5191.02	-47.02	-13	-34.02	-67.03	-51.98	7.74	12.70	V
	6921.36	-47.25	-13	-34.25	-69.87	-49.95	9	11.70	V
Highest	3500.68	-49.54	-13	-36.54	-63.67	-55.96	6.18	12.60	H
	5251.02	-44.31	-13	-31.31	-63.35	-49.27	7.74	12.70	H
	7001.36	-47.16	-13	-34.16	-69.85	-49.86	9	11.70	H
	3500.68	-49.46	-13	-36.46	-63.96	-55.88	6.18	12.60	V
	5251.02	-45.88	-13	-32.88	-65.32	-50.84	7.74	12.70	V
	7001.36	-46.63	-13	-33.63	-69.8	-49.33	9	11.70	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.18	-47.72	-13	-34.72	-61.06	-54.14	6.18	12.60	H
	5131.77	-45.12	-13	-32.12	-64.46	-50.08	7.74	12.70	H
	6842.36	-48.62	-13	-35.62	-70.20	-51.32	9	11.70	H
	3421.18	-46.44	-13	-33.44	-60.13	-52.86	6.18	12.60	V
	5131.77	-47.28	-13	-34.28	-67.35	-52.24	7.74	12.70	V
	6842.36	-47.83	-13	-34.83	-70.01	-50.53	9	11.70	V
Middle	3456.18	-49.54	-13	-36.54	-63.20	-55.96	6.18	12.60	H
	5184.27	-44.33	-13	-31.33	-63.67	-49.29	7.74	12.70	H
	6912.36	-47.98	-13	-34.98	-70.05	-50.68	9	11.70	H
	3456.18	-50.18	-13	-37.18	-64.19	-56.60	6.18	12.60	V
	5184.27	-46.29	-13	-33.29	-66.31	-51.25	7.74	12.70	V
	6912.36	-47.06	-13	-34.06	-69.68	-49.76	9	11.70	V
Highest	3491.18	-48.49	-13	-35.49	-62.62	-54.91	6.18	12.60	H
	5236.77	-41.69	-13	-28.69	-60.84	-46.65	7.74	12.70	H
	6982.36	-45.65	-13	-32.65	-68.21	-48.35	9	11.70	H
	3491.18	-47.30	-13	-34.30	-61.8	-53.72	6.18	12.60	V
	5236.77	-45.54	-13	-32.54	-65.18	-50.50	7.74	12.70	V
	6982.36	-46.24	-13	-33.24	-69.29	-48.94	9	11.70	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.68	-48.44	-13	-35.44	-61.78	-54.86	6.18	12.60	H
	5132.52	-45.32	-13	-32.32	-64.66	-50.28	7.74	12.70	H
	6843.36	-47.81	-13	-34.81	-69.39	-50.51	9	11.70	H
	3421.68	-46.68	-13	-33.68	-60.37	-53.10	6.18	12.60	V
	5132.52	-47.28	-13	-34.28	-67.35	-52.24	7.74	12.70	V
	6843.36	-47.65	-13	-34.65	-69.83	-50.35	9	11.70	V
Middle	3451.68	-51.22	-13	-38.22	-64.88	-57.64	6.18	12.60	H
	5177.52	-45.46	-13	-32.46	-64.80	-50.42	7.74	12.70	H
	6903.36	-48.51	-13	-35.51	-70.45	-51.21	9	11.70	H
	3451.68	-50.54	-13	-37.54	-64.55	-56.96	6.18	12.60	V
	5177.52	-46.44	-13	-33.44	-66.46	-51.40	7.74	12.70	V
	6903.36	-47.38	-13	-34.38	-69.88	-50.08	9	11.70	V
Highest	3481.68	-46.98	-13	-33.98	-60.96	-53.40	6.18	12.60	H
	5222.52	-45.78	-13	-32.78	-65.01	-50.74	7.74	12.70	H
	6963.36	-47.12	-13	-34.12	-69.56	-49.82	9	11.70	H
	3481.68	-47.68	-13	-34.68	-62.02	-54.10	6.18	12.60	V
	5222.52	-45.46	-13	-32.46	-65.27	-50.42	7.74	12.70	V
	6963.36	-46.92	-13	-33.92	-69.87	-49.62	9	11.70	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422.18	-48.17	-13	-35.17	-61.51	-54.59	6.18	12.60	H
	5133.27	-43.75	-13	-30.75	-63.09	-48.71	7.74	12.70	H
	6844.36	-48.68	-13	-35.68	-70.26	-51.38	9	11.70	H
	3422.18	-46.95	-13	-33.95	-60.64	-53.37	6.18	12.60	V
	5133.27	-45.79	-13	-32.79	-65.86	-50.75	7.74	12.70	V
	6844.36	-47.83	-13	-34.83	-70.01	-50.53	9	11.70	V
Middle	3447.18	-51.86	-13	-38.86	-65.52	-58.28	6.18	12.60	H
	5170.77	-45.01	-13	-32.01	-64.34	-49.97	7.74	12.70	H
	6894.36	-48.14	-13	-35.14	-70.09	-50.84	9	11.70	H
	3447.18	-50.79	-13	-37.79	-64.8	-57.21	6.18	12.60	V
	5170.77	-47.04	-13	-34.04	-67.07	-52.00	7.74	12.70	V
	6894.36	-46.78	-13	-33.78	-69.29	-49.48	9	11.70	V
Highest	3472.18	-47.81	-13	-34.81	-61.63	-54.23	6.18	12.60	H
	5208.27	-47.87	-13	-34.87	-67.11	-52.83	7.74	12.70	H
	6944.36	-47.20	-13	-34.20	-69.52	-49.90	9	11.70	H
	3472.18	-48.51	-13	-35.51	-62.69	-54.93	6.18	12.60	V
	5208.27	-50.19	-13	-37.19	-70.01	-55.15	7.74	12.70	V
	6944.36	-47.81	-13	-34.81	-70.65	-50.51	9	11.70	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.92	-57.92	-13	-44.92	-65.25	-64.61	0.56	9.40	H
	2474.88	-60.55	-13	-47.55	-72.01	-68.26	0.74	10.60	H
	3299.84	-62.91	-13	-49.91	-76.35	-72.51	0.85	12.60	H
	1649.92	-53.67	-13	-40.67	-61.05	-60.36	0.56	9.40	V
	2474.88	-61.68	-13	-48.68	-72.73	-69.39	0.74	10.60	V
	3299.84	-61.43	-13	-48.43	-75.06	-71.03	0.85	12.60	V
Middle	1671.92	-55.87	-13	-42.87	-63.00	-62.56	0.56	9.40	H
	2507.88	-61.06	-13	-48.06	-72.45	-68.77	0.74	10.60	H
	3343.84	-62.96	-13	-49.96	-76.24	-72.56	0.85	12.60	H
	1671.92	-53.63	-13	-40.63	-60.76	-60.32	0.56	9.40	V
	2507.88	-60.67	-13	-47.67	-71.66	-68.38	0.74	10.60	V
	3343.84	-61.54	-13	-48.54	-75.05	-71.14	0.85	12.60	V
Highest	1695.52	-51.39	-13	-38.39	-58.66	-58.08	0.56	9.40	H
	2543.28	-62.08	-13	-49.08	-73.20	-69.79	0.74	10.60	H
	3391.04	-62.83	-13	-49.83	-76.01	-72.43	0.85	12.60	H
	4240	-60.07	-13	-47.07	-76.78	-69.63	0.89	12.60	H
	1695.52	-49.60	-13	-36.60	-56.87	-56.29	0.56	9.40	V
	2543.28	-61.60	-13	-48.60	-72.50	-69.31	0.74	10.60	V
	3391.04	-61.18	-13	-48.18	-74.71	-70.78	0.85	12.60	V
	4240	-58.68	-13	-45.68	-75.72	-68.24	0.89	12.60	V

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



LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.48	-57.24	-13	-44.24	-64.57	-63.93	0.56	9.40	H
	2472.72	-60.90	-13	-47.90	-72.36	-68.61	0.74	10.60	H
	3296.96	-62.94	-13	-49.94	-76.38	-72.54	0.85	12.60	H
	1648.48	-53.11	-13	-40.11	-60.49	-59.80	0.56	9.40	V
	2472.72	-59.81	-13	-46.81	-70.86	-67.52	0.74	10.60	V
	3296.96	-61.77	-13	-48.77	-75.40	-71.37	0.85	12.60	V
Middle	1670.48	-56.07	-13	-43.07	-63.32	-62.76	0.56	9.40	H
	2505.72	-61.87	-13	-48.87	-73.26	-69.58	0.74	10.60	H
	3340.96	-63.05	-13	-50.05	-76.33	-72.65	0.85	12.60	H
	1670.48	-53.72	-13	-40.72	-60.99	-60.41	0.56	9.40	V
	2505.72	-61.75	-13	-48.75	-72.74	-69.46	0.74	10.60	V
	3340.96	-61.45	-13	-48.45	-74.96	-71.05	0.85	12.60	V
Highest	1692.48	-53.94	-13	-40.94	-61.21	-60.63	0.56	9.40	H
	2538.72	-61.55	-13	-48.55	-72.66	-69.26	0.74	10.60	H
	3384.96	-63.54	-13	-50.54	-76.76	-73.14	0.85	12.60	H
	1692.48	-50.20	-13	-37.20	-57.47	-56.89	0.56	9.40	V
	2538.72	-61.65	-13	-48.65	-72.54	-69.36	0.74	10.60	V
	3384.96	-61.66	-13	-48.66	-75.18	-71.26	0.85	12.60	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.68	-57.19	-13	-44.19	-64.52	-63.88	0.56	9.40	H
	2473.02	-61.49	-13	-48.49	-72.95	-69.20	0.74	10.60	H
	3297.36	-63.09	-13	-50.09	-76.53	-72.69	0.85	12.60	H
	1648.68	-54.23	-13	-41.23	-61.61	-60.92	0.56	9.40	V
	2473.02	-61.91	-13	-48.91	-72.96	-69.62	0.74	10.60	V
	3297.36	-61.89	-13	-48.89	-75.52	-71.49	0.85	12.60	V
Middle	1668.68	-57.00	-13	-44.00	-64.25	-63.69	0.56	9.40	H
	2503.02	-61.54	-13	-48.54	-72.97	-69.25	0.74	10.60	H
	3337.36	-63.01	-13	-50.01	-76.35	-72.61	0.85	12.60	H
	1668.68	-53.61	-13	-40.61	-60.88	-60.30	0.56	9.40	V
	2503.02	-62.30	-13	-49.30	-73.33	-70.01	0.74	10.60	V
	3337.36	-60.86	-13	-47.86	-74.41	-70.46	0.85	12.60	V
Highest	1688.68	-58.57	-13	-45.57	-65.84	-65.26	0.56	9.40	H
	2533.02	-62.84	-13	-49.84	-74.10	-70.55	0.74	10.60	H
	3377.36	-63.38	-13	-50.38	-76.60	-72.98	0.85	12.60	H
	1688.68	-53.40	-13	-40.40	-60.67	-60.09	0.56	9.40	V
	2533.02	-62.63	-13	-49.63	-73.57	-70.34	0.74	10.60	V
	3377.36	-62.98	-13	-49.98	-76.50	-72.58	0.85	12.60	V

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



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.18	-52.05	-13	-39.05	-59.38	-58.74	0.56	9.40	H
	2473.77	-51.07	-13	-38.07	-62.53	-58.78	0.74	10.60	H
	3298.36	-54.24	-13	-41.24	-67.68	-63.84	0.85	12.60	H
	1649.18	-49.37	-13	-36.37	-56.75	-56.06	0.56	9.40	V
	2473.77	-50.53	-13	-37.53	-61.58	-58.24	0.74	10.60	V
	3298.36	-52.98	-13	-39.98	-66.61	-62.58	0.85	12.60	V
Middle	1664.08	-52.41	-13	-39.41	-59.66	-59.10	0.56	9.40	H
	2496.27	-53.68	-13	-40.68	-65.11	-61.39	0.74	10.60	H
	3328.36	-53.76	-13	-40.76	-67.10	-63.36	0.85	12.60	H
	1664.08	-48.27	-13	-35.27	-55.54	-54.96	0.56	9.40	V
	2496.27	-54.58	-13	-41.58	-65.61	-62.29	0.74	10.60	V
	3328.36	-53.99	-13	-40.99	-67.54	-63.59	0.85	12.60	V
Highest	1679.18	-56.93	-13	-43.93	-64.08	-63.62	0.56	9.40	H
	2518.77	-60.83	-13	-47.83	-72.23	-68.54	0.74	10.60	H
	3358.36	-62.90	-13	-49.90	-76.15	-72.50	0.85	12.60	H
	1679.18	-54.57	-13	-41.57	-61.72	-61.26	0.56	9.40	V
	2518.77	-58.89	-13	-45.89	-69.89	-66.60	0.74	10.60	V
	3358.36	-61.43	-13	-48.43	-74.94	-71.03	0.85	12.60	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000.68	-58.32	-25	-33.32	-77.65	-70.08	0.94	12.70	H
	7501.02	-51.94	-25	-26.94	-75.78	-61.95	1.69	11.70	H
	10001.36	-50.74	-25	-25.74	-78.48	-61.40	1.44	12.10	H
	5000.68	-58.57	-25	-33.57	-78.76	-70.33	0.94	12.70	V
	7501.02	-53.37	-25	-28.37	-77.22	-63.38	1.69	11.70	V
	10001.36	-52.02	-25	-27.02	-79.32	-62.68	1.44	12.10	V
Middle	5065.68	-59.40	-25	-34.40	-78.74	-71.16	0.94	12.70	H
	7598.52	-51.29	-25	-26.29	-74.35	-61.30	1.69	11.70	H
	10131.36	-51.17	-25	-26.17	-78.57	-61.83	1.44	12.10	H
	5065.68	-59.06	-25	-34.06	-79.19	-70.82	0.94	12.70	V
	7598.52	-53.37	-25	-28.37	-76.56	-63.38	1.69	11.70	V
	10131.36	-52.08	-25	-27.08	-79.25	-62.74	1.44	12.10	V
Highest	5130.68	-59.42	-25	-34.42	-78.76	-71.18	0.94	12.70	H
	7696.02	-50.30	-25	-25.30	-73.39	-60.31	1.69	11.70	H
	10261.36	-51.78	-25	-26.78	-78.84	-62.44	1.44	12.10	H
	5130.68	-58.77	-25	-33.77	-78.84	-70.53	0.94	12.70	V
	7696.02	-51.40	-25	-26.40	-74.62	-61.41	1.69	11.70	V
	10261.36	-51.78	-25	-26.78	-78.82	-62.44	1.44	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.18	-58.91	-25	-33.91	-78.24	-70.67	0.94	12.70	H
	7501.77	-51.83	-25	-26.83	-75.67	-61.84	1.69	11.70	H
	10002.36	-50.99	-25	-25.99	-78.71	-61.65	1.44	12.10	H
	5001.18	-58.76	-25	-33.76	-78.95	-70.52	0.94	12.70	V
	7501.77	-52.92	-25	-27.92	-76.77	-62.93	1.69	11.70	V
	10002.36	-52.12	-25	-27.12	-79.43	-62.78	1.44	12.10	V
Middle	5061.18	-58.20	-25	-33.20	-77.54	-69.96	0.94	12.70	H
	7591.77	-50.28	-25	-25.28	-73.34	-60.29	1.69	11.70	H
	10122.36	-49.96	-25	-24.96	-77.36	-60.62	1.44	12.10	H
	5061.18	-59.18	-25	-34.18	-79.31	-70.94	0.94	12.70	V
	7591.77	-53.65	-25	-28.65	-76.84	-63.66	1.69	11.70	V
	10122.36	-51.45	-25	-26.45	-78.62	-62.11	1.44	12.10	V
Highest	5121.18	-59.65	-25	-34.65	-78.98	-71.41	0.94	12.70	H
	7681.77	-50.45	-25	-25.45	-73.55	-60.46	1.69	11.70	H
	10242.36	-51.52	-25	-26.52	-78.64	-62.18	1.44	12.10	H
	5121.18	-58.99	-25	-33.99	-79.07	-70.75	0.94	12.70	V
	7681.77	-52.84	-25	-27.84	-76.07	-62.85	1.69	11.70	V
	10242.36	-52.07	-25	-27.07	-79.14	-62.73	1.44	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.68	-58.56	-25	-33.56	-77.89	-70.32	0.94	12.70	H
	7502.52	-52.45	-25	-27.45	-76.18	-62.46	1.69	11.70	H
	10003.36	-51.24	-25	-26.24	-78.96	-61.90	1.44	12.10	H
	5001.68	-58.50	-25	-33.50	-78.69	-70.26	0.94	12.70	V
	7502.52	-51.92	-25	-26.92	-75.68	-61.93	1.69	11.70	V
	10003.36	-52.06	-25	-27.06	-79.37	-62.72	1.44	12.10	V
Middle	5056.68	-59.79	-25	-34.79	-79.13	-71.55	0.94	12.70	H
	7585.02	-51.39	-25	-26.39	-74.59	-61.40	1.69	11.70	H
	10113.36	-51.70	-25	-26.70	-79.16	-62.36	1.44	12.10	H
	5056.68	-59.20	-25	-34.20	-79.33	-70.96	0.94	12.70	V
	7585.02	-51.47	-25	-26.47	-74.78	-61.48	1.69	11.70	V
	10113.36	-51.73	-25	-26.73	-78.93	-62.39	1.44	12.10	V
Highest	5111.68	-59.57	-25	-34.57	-78.91	-71.33	0.94	12.70	H
	7667.52	-50.59	-25	-25.59	-73.69	-60.60	1.69	11.70	H
	10223.36	-51.59	-25	-26.59	-78.73	-62.25	1.44	12.10	H
	5111.68	-58.67	-25	-33.67	-78.76	-70.43	0.94	12.70	V
	7667.52	-50.87	-25	-25.87	-74.1	-60.88	1.69	11.70	V
	10223.36	-51.72	-25	-26.72	-78.78	-62.38	1.44	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-58.98	-25	-33.98	-78.31	-70.74	0.94	12.70	H
	7503.27	-52.23	-25	-27.23	-75.96	-62.24	1.69	11.70	H
	10004.36	-50.89	-25	-25.89	-78.61	-61.55	1.44	12.10	H
	5002.18	-59.04	-25	-34.04	-79.23	-70.80	0.94	12.70	V
	7503.27	-52.31	-25	-27.31	-76.07	-62.32	1.69	11.70	V
	10004.36	-52.10	-25	-27.10	-79.41	-62.76	1.44	12.10	V
Middle	5052.18	-59.54	-25	-34.54	-78.87	-71.30	0.94	12.70	H
	7578.27	-51.64	-25	-26.64	-74.84	-61.65	1.69	11.70	H
	10104.36	-50.74	-25	-25.74	-78.20	-61.40	1.44	12.10	H
	5052.18	-59.08	-25	-34.08	-79.22	-70.84	0.94	12.70	V
	7578.27	-51.55	-25	-26.55	-74.86	-61.56	1.69	11.70	V
	10104.36	-51.92	-25	-26.92	-79.12	-62.58	1.44	12.10	V
Highest	5102.18	-59.28	-25	-34.28	-78.61	-71.04	0.94	12.70	H
	7653.27	-50.34	-25	-25.34	-73.42	-60.35	1.69	11.70	H
	10204.36	-51.40	-25	-26.40	-78.61	-62.06	1.44	12.10	H
	5102.18	-59.07	-25	-34.07	-79.16	-70.83	0.94	12.70	V
	7653.27	-51.44	-25	-26.44	-74.65	-61.45	1.69	11.70	V
	10204.36	-51.61	-25	-26.61	-78.69	-62.27	1.44	12.10	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.14	-62.96	-13	-49.96	-70.71	-69.65	0.56	9.40	H
	2097.21	-61.67	-13	-48.67	-72.93	-69.38	0.74	10.60	H
	2796.28	-58.94	-13	-45.94	-71.56	-68.54	0.85	12.60	H
	3495.8	-59.13	-13	-46.13	-73.26	-68.69	0.89	12.60	H
	1398.14	-59.90	-13	-46.90	-67.25	-66.59	0.56	9.40	V
	2097.21	-56.51	-13	-43.51	-67.87	-64.22	0.74	10.60	V
	2796.28	-58.65	-13	-45.65	-71.35	-68.25	0.85	12.60	V
	3495.8	-55.54	-13	-42.54	-70.04	-65.10	0.89	12.60	V
Middle	1413.74	-63.86	-13	-50.86	-71.61	-70.55	0.56	9.40	H
	2120.61	-63.61	-13	-50.61	-75.12	-71.32	0.74	10.60	H
	2827.48	-57.02	-13	-44.02	-69.71	-66.62	0.85	12.60	H
	3534.35	-54.94	-13	-41.94	-69.40	-64.50	0.89	12.60	H
	1413.74	-60.21	-13	-47.21	-67.61	-66.90	0.56	9.40	V
	2120.61	-61.17	-13	-48.17	-72.80	-68.88	0.74	10.60	V
	2827.48	-54.41	-13	-41.41	-67.16	-64.01	0.85	12.60	V
	3534.35	-58.57	-13	-45.57	-73.41	-68.13	0.89	12.60	V
Highest	1429.34	-60.32	-13	-47.32	-68.11	-67.01	0.56	9.40	H
	2144.01	-61.97	-13	-48.97	-73.75	-69.68	0.74	10.60	H
	2858.68	-55.92	-13	-42.92	-68.70	-65.52	0.85	12.60	H
	3573.8	-60.97	-13	-47.97	-75.75	-70.53	0.89	12.60	H
	1429.34	-56.90	-13	-43.90	-64.38	-63.59	0.56	9.40	V
	2144.01	-61.07	-13	-48.07	-72.97	-68.78	0.74	10.60	V
	2858.68	-54.33	-13	-41.33	-67.15	-63.93	0.85	12.60	V
	3573.8	-56.76	-13	-43.76	-71.93	-66.32	0.89	12.60	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.3	-62.81	-13	-49.81	-70.56	-69.50	0.56	9.40	H
	2097.45	-61.09	-13	-48.09	-72.35	-68.80	0.74	10.60	H
	2796.6	-58.79	-13	-45.79	-71.41	-68.39	0.85	12.60	H
	3496	-59.80	-13	-46.80	-73.93	-69.36	0.89	12.60	H
	1398.3	-60.58	-13	-47.58	-67.93	-67.27	0.56	9.40	V
	2097.45	-59.42	-13	-46.42	-70.78	-67.13	0.74	10.60	V
	2796.6	-56.78	-13	-43.78	-69.48	-66.38	0.85	12.60	V
	3496	-56.69	-13	-43.69	-71.19	-66.25	0.89	12.60	V
Middle	1412.3	-63.96	-13	-50.96	-71.71	-70.65	0.56	9.40	H
	2118.45	-63.47	-13	-50.47	-74.98	-71.18	0.74	10.60	H
	2824.6	-57.45	-13	-44.45	-70.14	-67.05	0.85	12.60	H
	3530.75	-60.86	-13	-47.86	-75.32	-70.42	0.89	12.60	H
	1412.3	-60.60	-13	-47.60	-68.00	-67.29	0.56	9.40	V
	2118.45	-62.12	-13	-49.12	-73.75	-69.83	0.74	10.60	V
	2824.6	-53.32	-13	-40.32	-66.07	-62.92	0.85	12.60	V
	3530.75	-59.95	-13	-46.95	-74.79	-69.51	0.89	12.60	V
Highest	1427	-60.53	-13	-47.53	-68.32	-67.22	0.56	9.40	H
	2140.5	-61.63	-13	-48.63	-73.41	-69.34	0.74	10.60	H
	2854	-57.77	-13	-44.77	-70.55	-67.37	0.85	12.60	H
	3568	-60.25	-13	-47.25	-75.03	-69.81	0.89	12.60	H
	1427	-56.59	-13	-43.59	-64.07	-63.28	0.56	9.40	V
	2140.5	-60.49	-13	-47.49	-72.39	-68.20	0.74	10.60	V
	2854	-57.31	-13	-44.31	-70.13	-66.91	0.85	12.60	V
	3568	-58.32	-13	-45.32	-73.49	-67.88	0.89	12.60	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.5	-63.11	-13	-50.11	-70.86	-69.80	0.56	9.40	H
	2097.75	-60.71	-13	-47.71	-71.97	-68.42	0.74	10.60	H
	2797	-58.50	-13	-45.50	-71.12	-68.10	0.85	12.60	H
	3496	-58.23	-13	-45.23	-72.36	-67.79	0.89	12.60	H
	1398.5	-59.84	-13	-46.84	-67.19	-66.53	0.56	9.40	V
	2097.75	-58.04	-13	-45.04	-69.40	-65.75	0.74	10.60	V
	2797	-55.80	-13	-42.80	-68.50	-65.40	0.85	12.60	V
	3496	-56.61	-13	-43.61	-71.11	-66.17	0.89	12.60	V
Middle	1410.5	-62.48	-13	-49.48	-70.23	-69.17	0.56	9.40	H
	2115.75	-62.12	-13	-49.12	-73.63	-69.83	0.74	10.60	H
	2821	-59.05	-13	-46.05	-71.73	-68.65	0.85	12.60	H
	3526.25	-58.91	-13	-45.91	-73.37	-68.47	0.89	12.60	H
	1410.5	-59.92	-13	-46.92	-67.32	-66.61	0.56	9.40	V
	2115.75	-62.00	-13	-49.00	-73.63	-69.71	0.74	10.60	V
	2821	-52.30	-13	-39.30	-65.04	-61.90	0.85	12.60	V
	3526.25	-56.82	-13	-43.82	-71.66	-66.38	0.89	12.60	V
Highest	1422.5	-62.13	-13	-49.13	-69.92	-68.82	0.56	9.40	H
	2133.75	-58.66	-13	-45.66	-70.43	-66.37	0.74	10.60	H
	2845	-59.46	-13	-46.46	-72.23	-69.06	0.85	12.60	H
	3560	-59.97	-13	-46.97	-74.74	-69.53	0.89	12.60	H
	1422.5	-58.79	-13	-45.79	-66.27	-65.48	0.56	9.40	V
	2133.75	-58.97	-13	-45.97	-70.86	-66.68	0.74	10.60	V
	2845	-55.59	-13	-42.59	-68.40	-65.19	0.85	12.60	V
	3560	-57.12	-13	-44.12	-72.12	-66.68	0.89	12.60	V

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



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-63.13	-13	-50.13	-70.88	-69.82	0.56	9.40	H
	2098.5	-60.61	-13	-47.61	-71.87	-68.32	0.74	10.60	H
	2798	-58.34	-13	-45.34	-70.97	-67.94	0.85	12.60	H
	3496	-59.20	-13	-46.20	-73.33	-68.76	0.89	12.60	H
	1399	-59.49	-13	-46.49	-66.84	-66.18	0.56	9.40	V
	2098.5	-57.07	-13	-44.07	-68.43	-64.78	0.74	10.60	V
	2798	-58.74	-13	-45.74	-71.45	-68.34	0.85	12.60	V
	3496	-56.52	-13	-43.52	-71.02	-66.08	0.89	12.60	V
Middle	1408	-60.97	-13	-47.97	-68.72	-67.66	0.56	9.40	H
	2112	-58.04	-13	-45.04	-69.30	-65.75	0.74	10.60	H
	2816	-57.84	-13	-44.84	-70.52	-67.44	0.85	12.60	H
	3512	-60.31	-13	-47.31	-74.61	-69.87	0.89	12.60	H
	1408	-56.05	-13	-43.05	-63.45	-62.74	0.56	9.40	V
	2112	-58.32	-13	-45.32	-69.68	-66.03	0.74	10.60	V
	2816	-56.01	-13	-43.01	-68.72	-65.61	0.85	12.60	V
	3512	-56.17	-13	-43.17	-70.85	-65.73	0.89	12.60	V
Highest	1413	-63.07	-13	-50.07	-70.82	-69.76	0.56	9.40	H
	2119.5	-64.14	-13	-51.14	-75.65	-71.85	0.74	10.60	H
	2826	-58.91	-13	-45.91	-71.60	-68.51	0.85	12.60	H
	3536	-60.27	-13	-47.27	-74.73	-69.83	0.89	12.60	H
	1413	-61.05	-13	-48.05	-68.45	-67.74	0.56	9.40	V
	2119.5	-62.71	-13	-49.71	-74.34	-70.42	0.74	10.60	V
	2826	-56.75	-13	-43.75	-69.50	-66.35	0.85	12.60	V
	3536	-57.61	-13	-44.61	-72.45	-67.17	0.89	12.60	V

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



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408.68	-50.48	-13	-37.48	-58.23	-57.17	0.56	9.40	H
	2113.02	-53.29	-13	-40.29	-64.55	-61.00	0.74	10.60	H
	2817.36	-48.63	-13	-35.63	-61.31	-58.23	0.85	12.60	H
	3521.7	-51.31	-13	-38.31	-65.61	-60.87	0.89	12.60	H
	1408.68	-53.82	-13	-40.82	-61.22	-60.51	0.56	9.40	V
	2113.02	-52.99	-13	-39.99	-64.35	-60.70	0.74	10.60	V
	2817.36	-50.19	-13	-37.19	-62.93	-59.79	0.85	12.60	V
	3521.7	-50.09	-13	-37.09	-64.77	-59.65	0.89	12.60	V
Middle	1415.68	-52.23	-13	-39.23	-59.98	-58.92	0.56	9.40	H
	2123.52	-52.50	-13	-39.50	-64.01	-60.21	0.74	10.60	H
	2831.36	-48.22	-13	-35.22	-60.95	-57.82	0.85	12.60	H
	3539.2	-49.16	-13	-36.16	-63.62	-58.72	0.89	12.60	H
	1415.68	-55.77	-13	-42.77	-63.17	-62.46	0.56	9.40	V
	2123.52	-53.69	-13	-40.69	-65.32	-61.40	0.74	10.60	V
	2831.36	-50.86	-13	-37.86	-63.64	-60.46	0.85	12.60	V
	3539.2	-50.69	-13	-37.69	-65.53	-60.25	0.89	12.60	V
Highest	1422.68	-52.24	-13	-39.24	-60.03	-58.93	0.56	9.40	H
	2134.02	-50.65	-13	-37.65	-62.42	-58.36	0.74	10.60	H
	2845.36	-51.19	-13	-38.19	-63.96	-60.79	0.85	12.60	H
	3556.7	-48.64	-13	-35.64	-63.26	-58.20	0.89	12.60	H
	1422.68	-55.12	-13	-42.12	-62.60	-61.81	0.56	9.40	V
	2134.02	-54.10	-13	-41.10	-65.99	-61.81	0.74	10.60	V
	2845.36	-52.55	-13	-39.55	-65.36	-62.15	0.85	12.60	V
	3556.7	-52.57	-13	-39.57	-67.57	-62.13	0.89	12.60	V

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



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1409.18	-51.17	-13	-38.17	-58.92	-57.86	0.56	9.40	H
	2113.77	-53.01	-13	-40.01	-64.52	-60.72	0.74	10.60	H
	2818.36	-45.96	-13	-32.96	-58.64	-55.56	0.85	12.60	H
	3522.95	-48.82	-13	-35.82	-63.12	-58.38	0.89	12.60	H
	1409.18	-54.30	-13	-41.30	-61.70	-60.99	0.56	9.40	V
	2113.77	-54.69	-13	-41.69	-66.32	-62.40	0.74	10.60	V
	2818.36	-49.82	-13	-36.82	-62.56	-59.42	0.85	12.60	V
	3522.95	-50.25	-13	-37.25	-64.93	-59.81	0.89	12.60	V
Middle	1411.18	-50.67	-13	-37.67	-58.42	-57.36	0.56	9.40	H
	2116.77	-53.48	-13	-40.48	-64.99	-61.19	0.74	10.60	H
	2822.36	-46.29	-13	-33.29	-58.97	-55.89	0.85	12.60	H
	3527.95	-49.01	-13	-36.01	-63.47	-58.57	0.89	12.60	H
	1411.18	-54.37	-13	-41.37	-61.77	-61.06	0.56	9.40	V
	2116.77	-54.35	-13	-41.35	-65.98	-62.06	0.74	10.60	V
	2822.36	-48.89	-13	-35.89	-61.63	-58.49	0.85	12.60	V
	3527.95	-51.42	-13	-38.42	-66.26	-60.98	0.89	12.60	V
Highest	1413.18	-52.70	-13	-39.70	-60.45	-59.39	0.56	9.40	H
	2119.77	-53.75	-13	-40.75	-65.26	-61.46	0.74	10.60	H
	2826.36	-49.10	-13	-36.10	-61.79	-58.70	0.85	12.60	H
	3532.95	-47.43	-13	-34.43	-61.89	-56.99	0.89	12.60	H
	1413.18	-55.67	-13	-42.67	-63.07	-62.36	0.56	9.40	V
	2119.77	-52.96	-13	-39.96	-64.59	-60.67	0.74	10.60	V
	2826.36	-49.94	-13	-36.94	-62.69	-59.54	0.85	12.60	V
	3532.95	-50.56	-13	-37.56	-65.40	-60.12	0.89	12.60	V

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