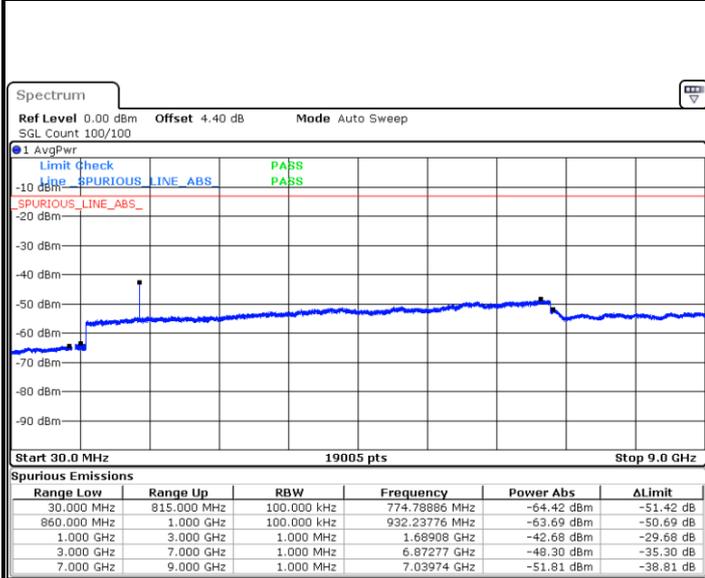




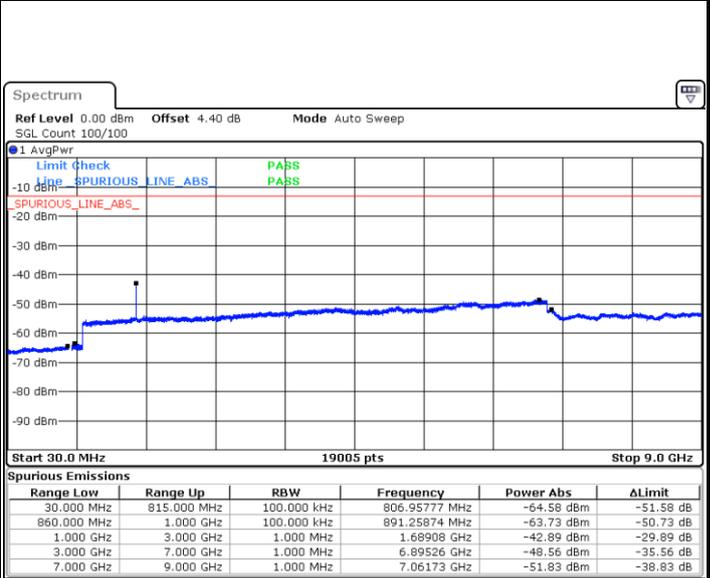
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 9 FEB 2018 16:31:23

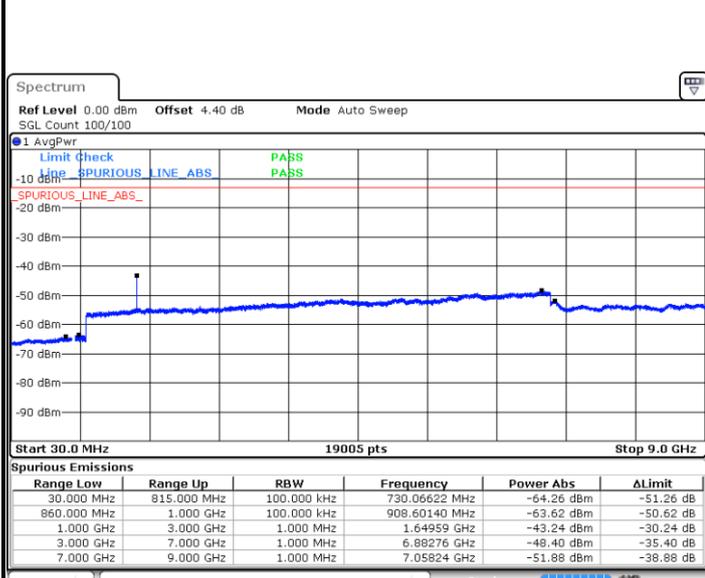
Highest Channel / 16QAM



Date: 9 FEB 2018 16:32:19

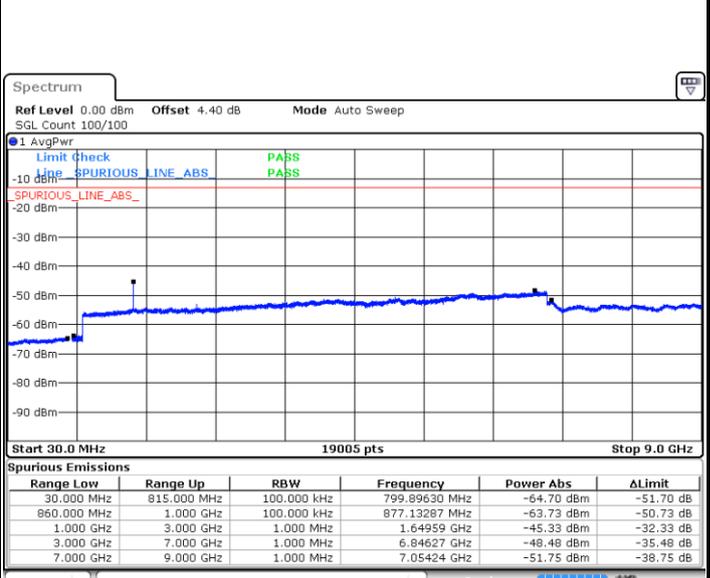
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 9 FEB 2018 16:40:30

Lowest Channel / 16QAM



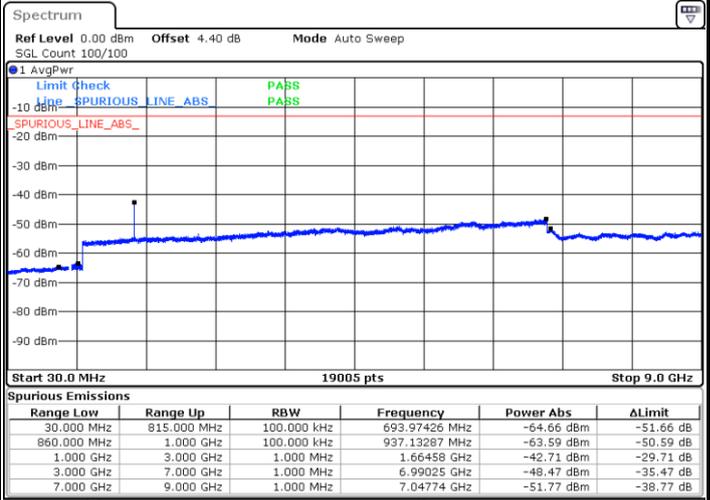
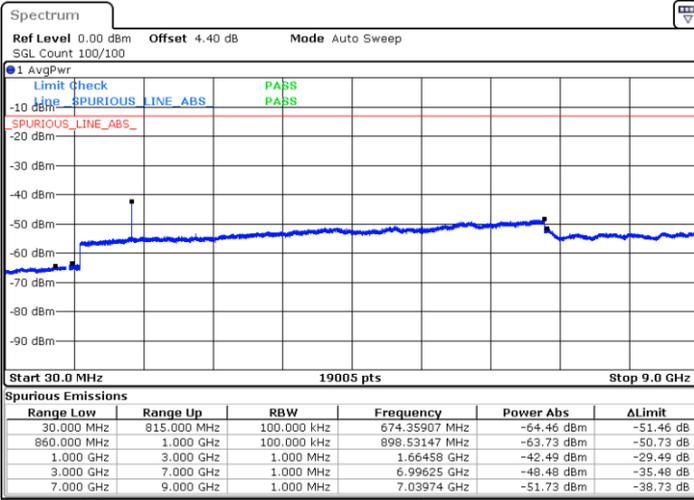
Date: 9 FEB 2018 16:41:25



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

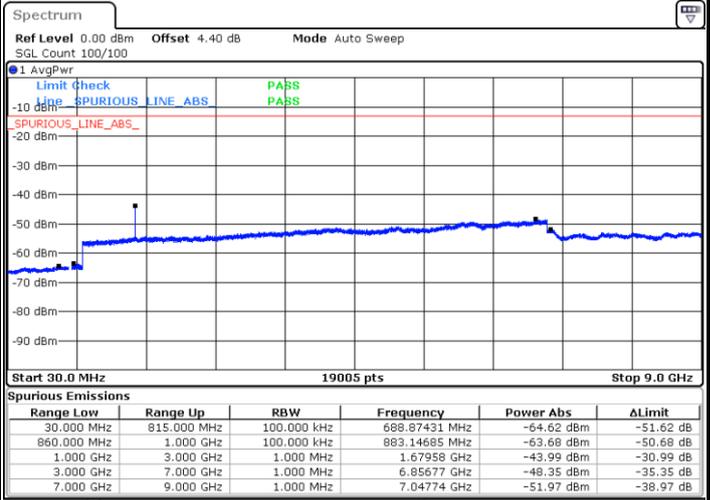
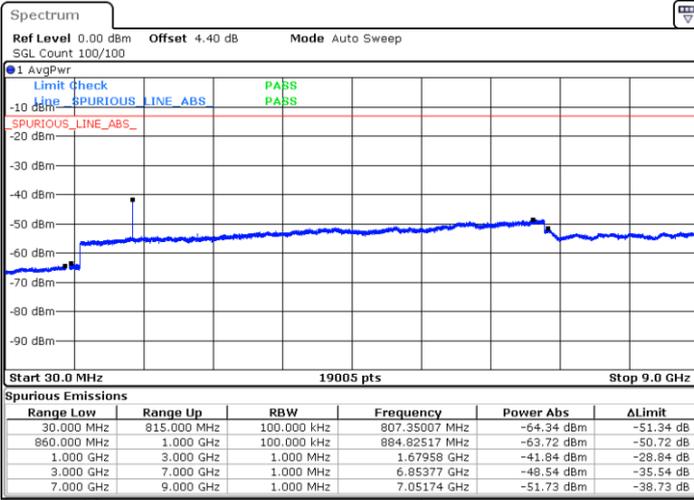


Date: 9 FEB 2018 16:43:04

Date: 9 FEB 2018 16:43:59

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 FEB 2018 16:52:10

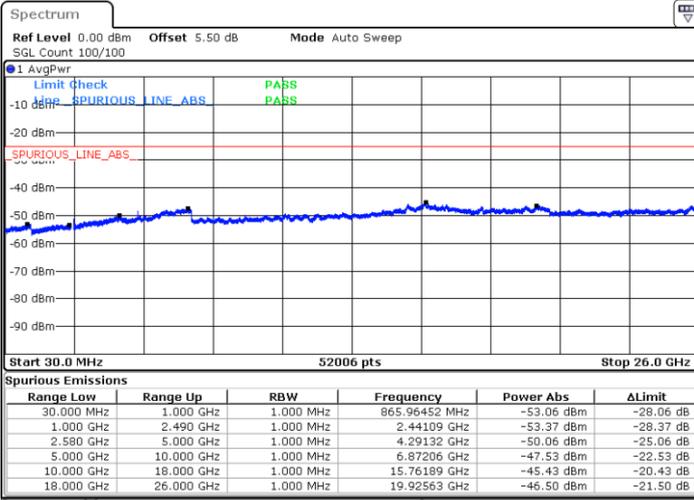
Date: 9 FEB 2018 16:53:05



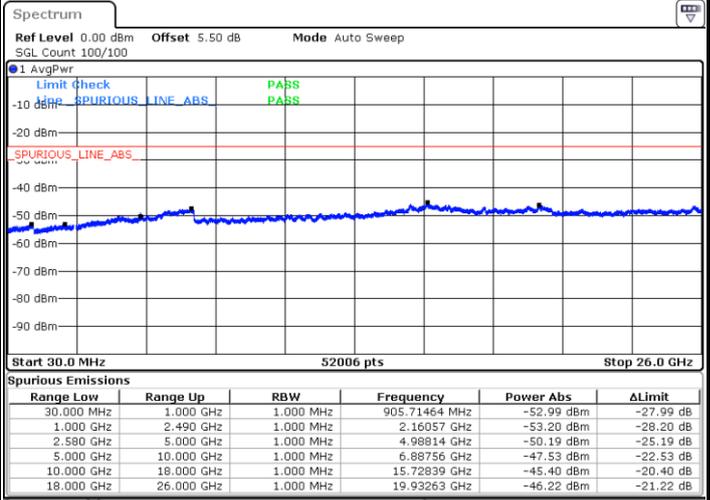
LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



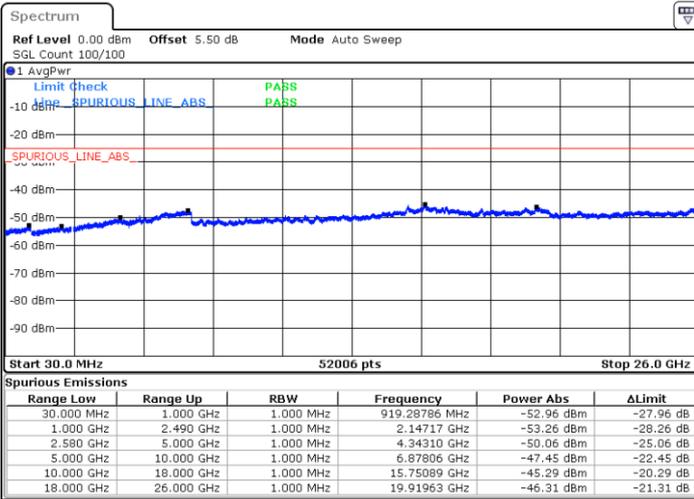
Date: 8 FEB 2018 21:03:43



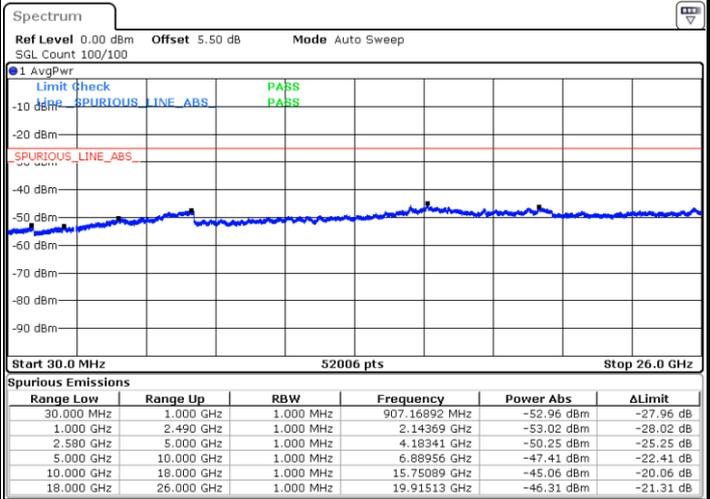
Date: 8 FEB 2018 21:02:49

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 FEB 2018 21:04:37

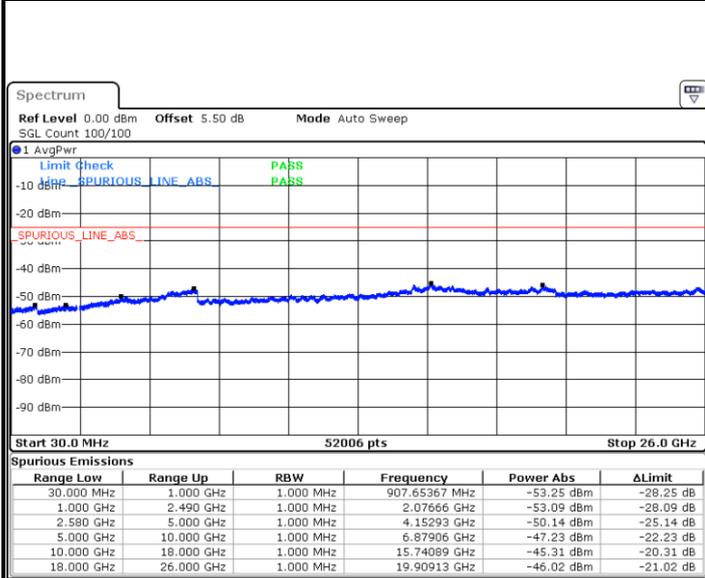


Date: 8 FEB 2018 21:05:31



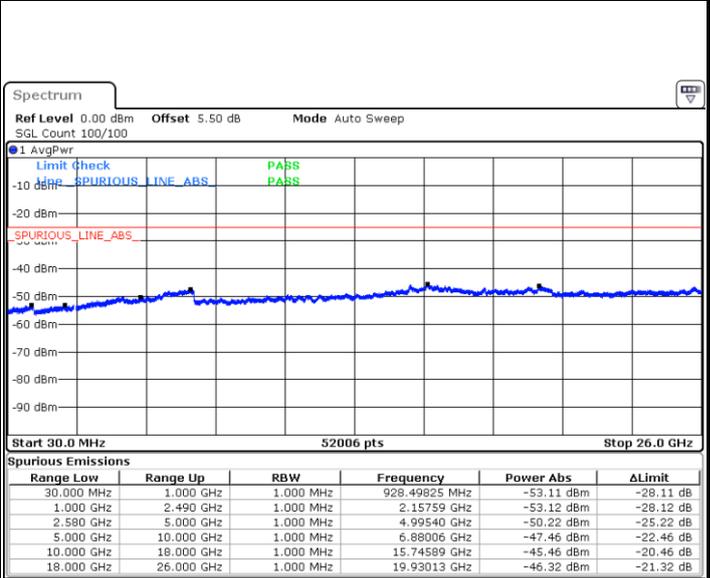
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 8 FEB 2018 21:13:11

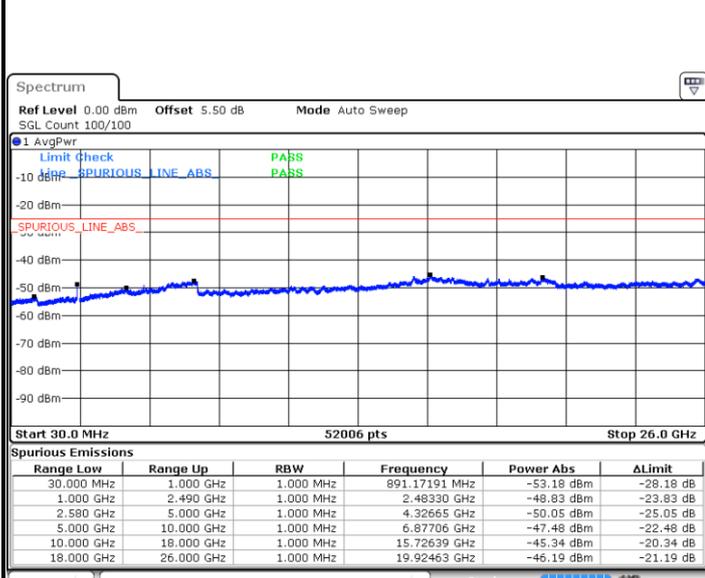
Highest Channel / 16QAM



Date: 8 FEB 2018 21:12:18

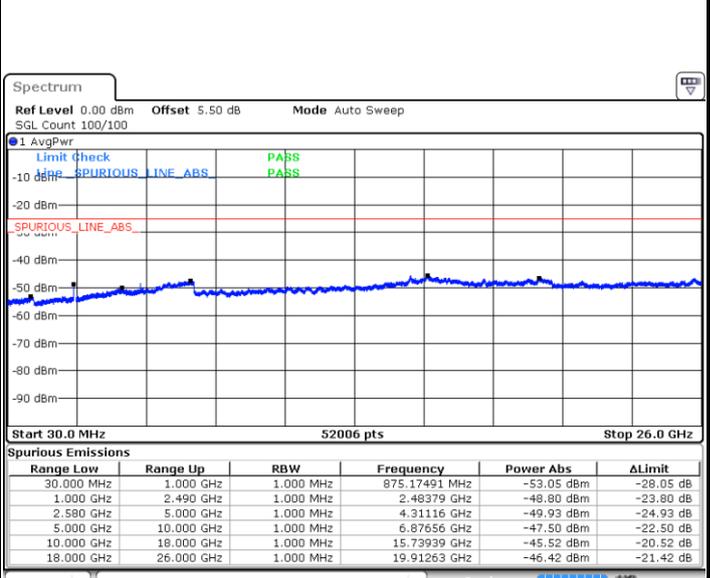
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 8 FEB 2018 21:20:11

Lowest Channel / 16QAM



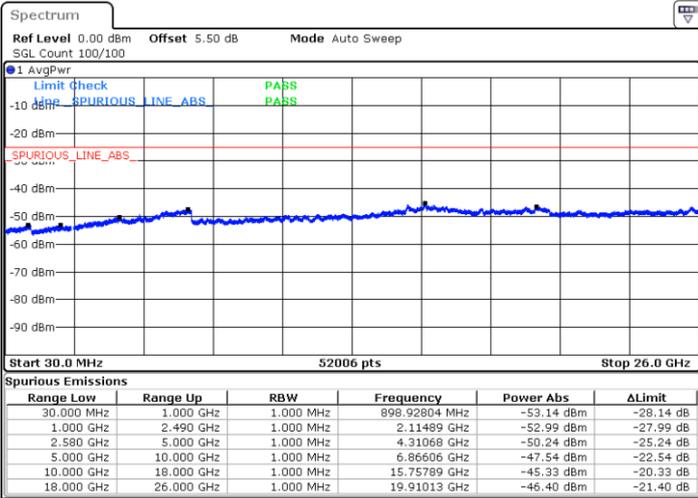
Date: 8 FEB 2018 21:19:17



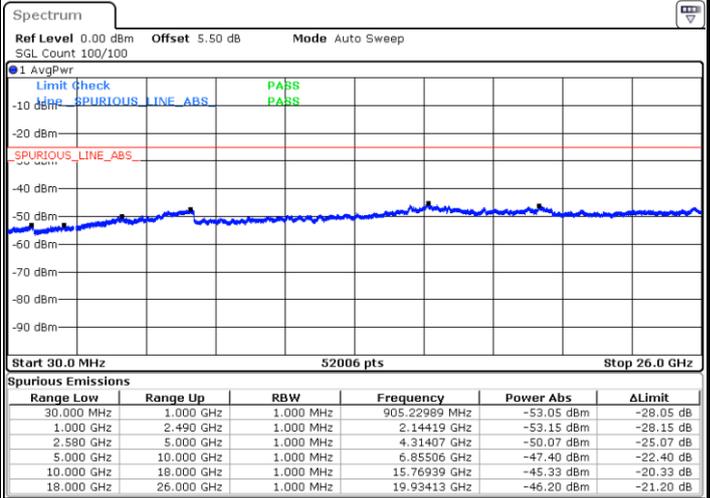
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



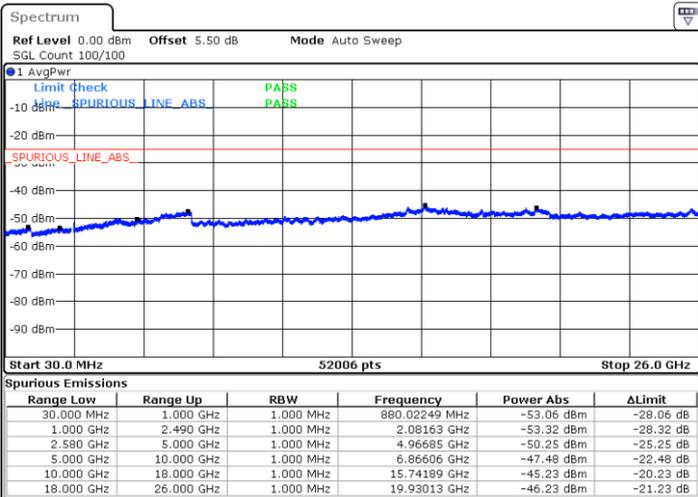
Date: 8 FEB 2018 21:21:05



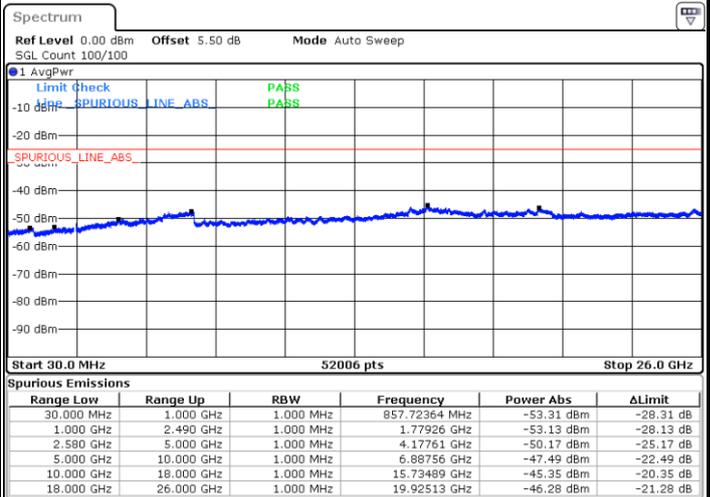
Date: 8 FEB 2018 21:21:59

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 FEB 2018 21:29:39



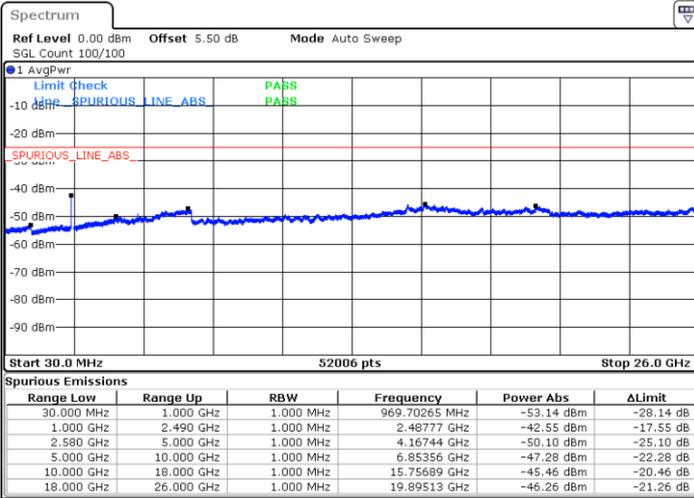
Date: 8 FEB 2018 21:28:45



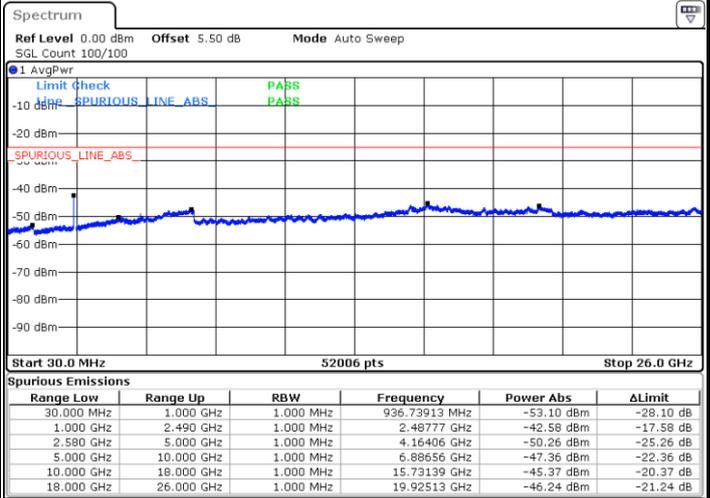
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



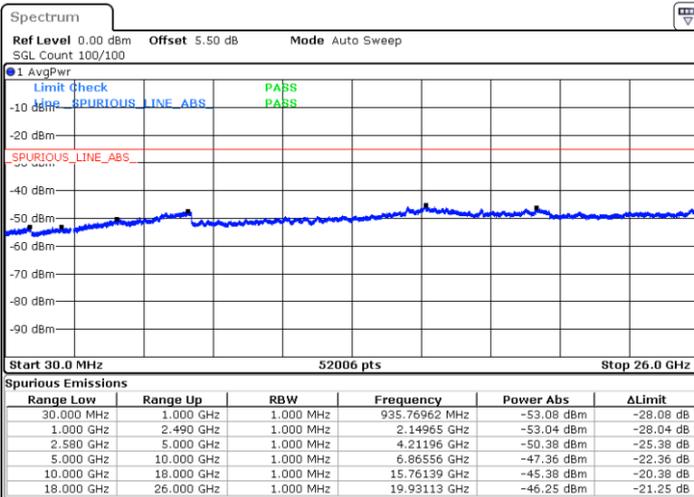
Date: 8 FEB 2018 21:36:38



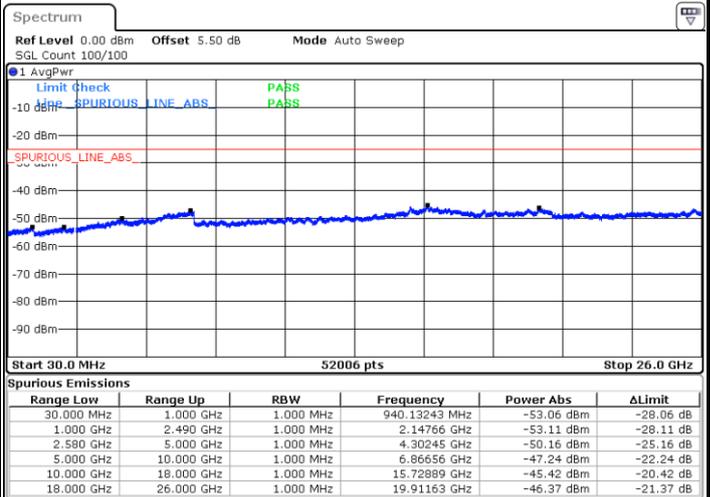
Date: 8 FEB 2018 21:35:44

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 FEB 2018 21:37:32



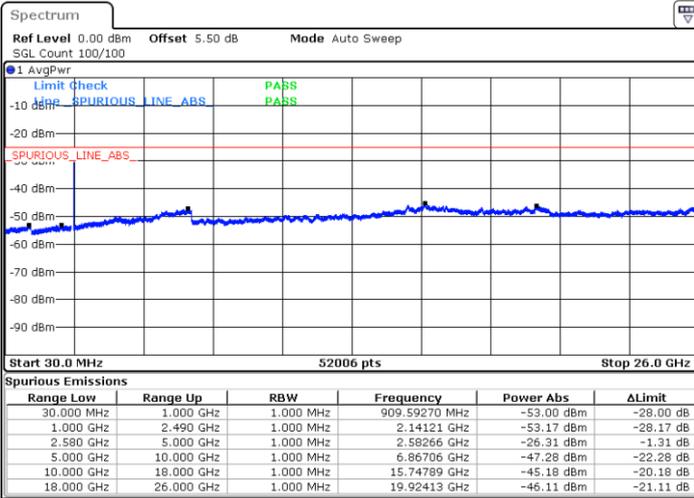
Date: 8 FEB 2018 21:38:26



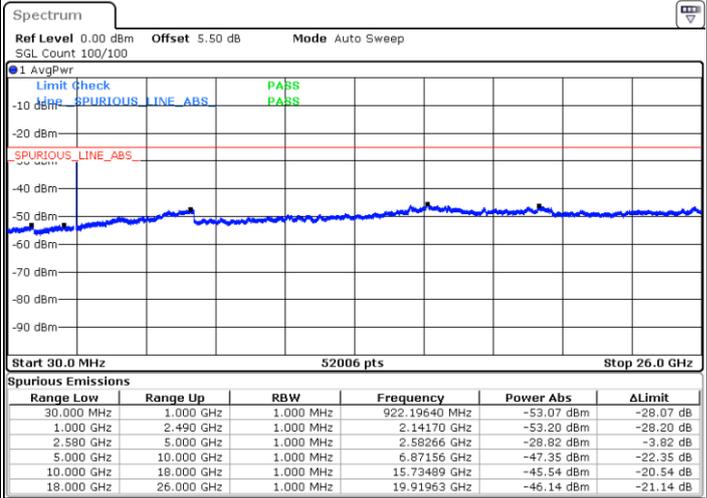
LTE Band7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 FEB 2018 21:46:05

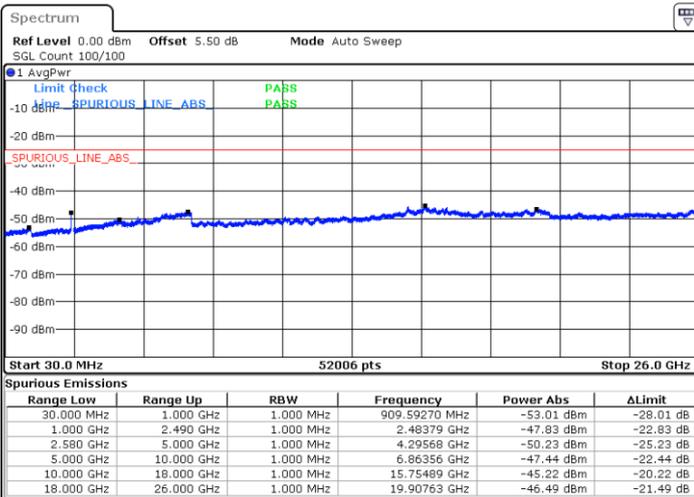


Date: 8 FEB 2018 21:45:12

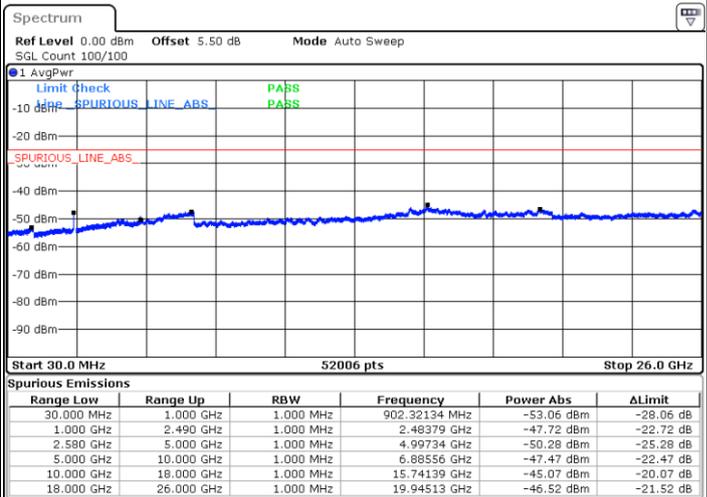
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8 FEB 2018 21:53:05



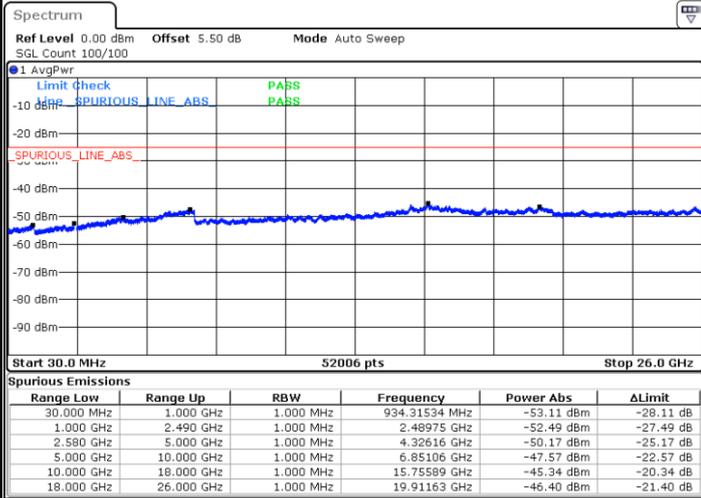
Date: 8 FEB 2018 21:52:11



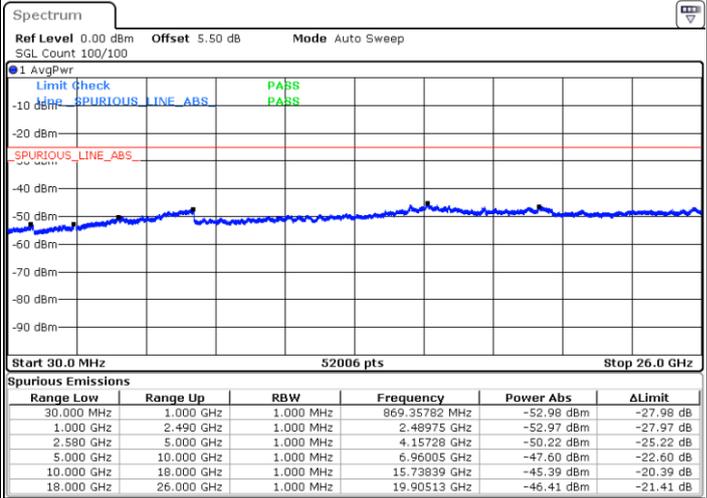
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



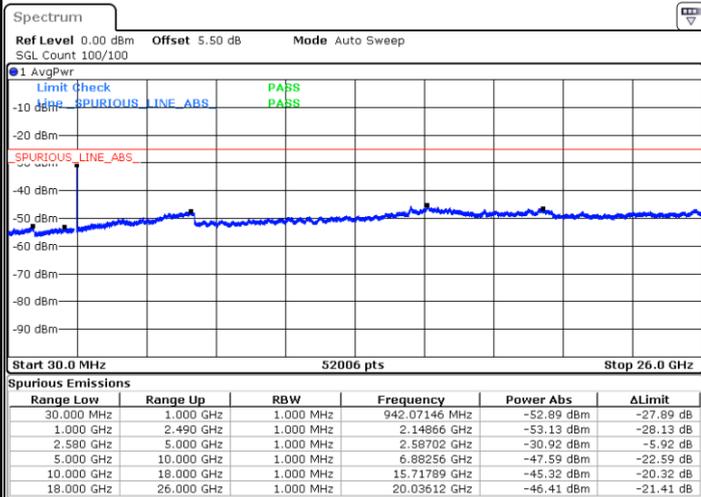
Date: 8 FEB 2018 21:53:59



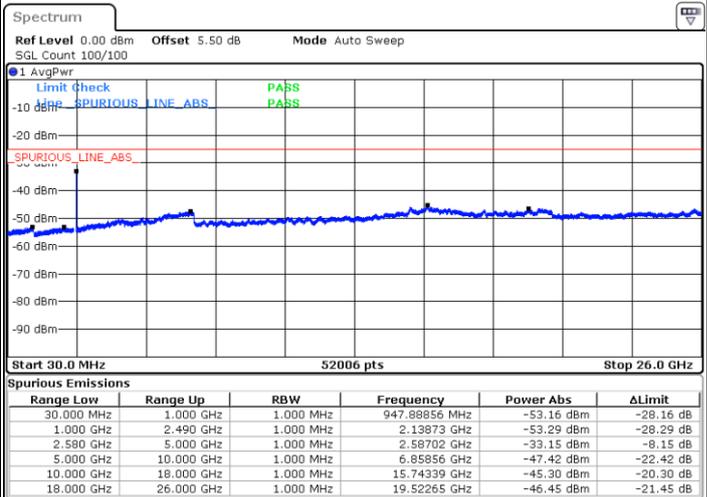
Date: 8 FEB 2018 21:54:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 FEB 2018 22:02:33



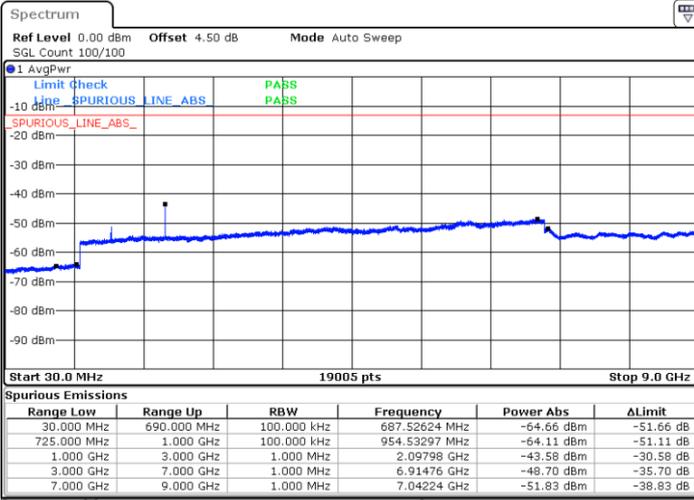
Date: 8 FEB 2018 22:01:39



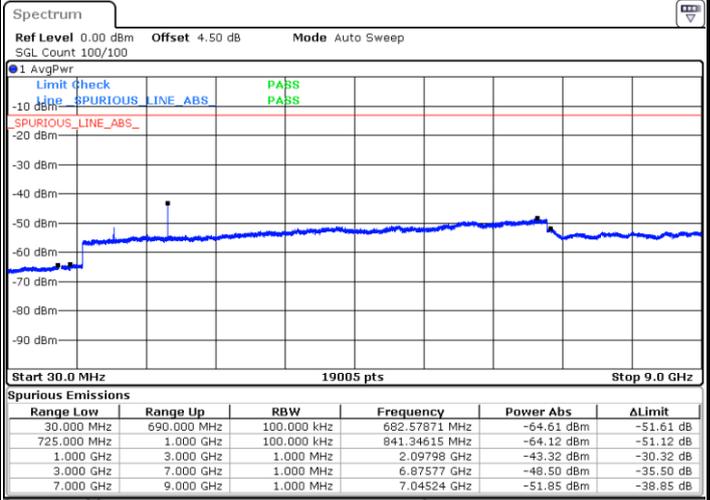
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



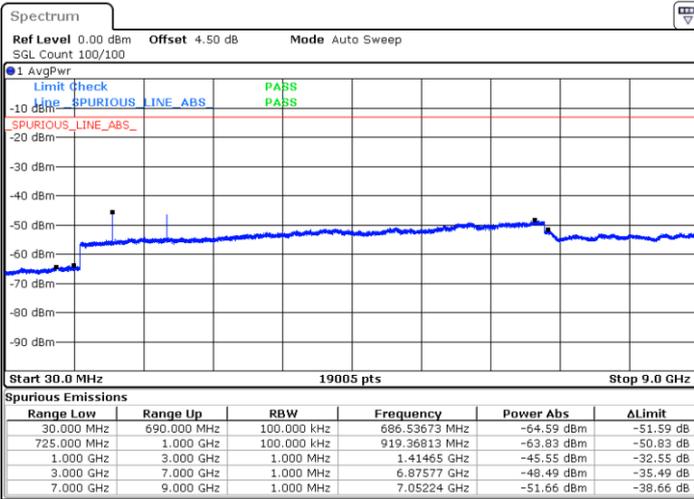
Date: 30 JAN 2018 22:24:06



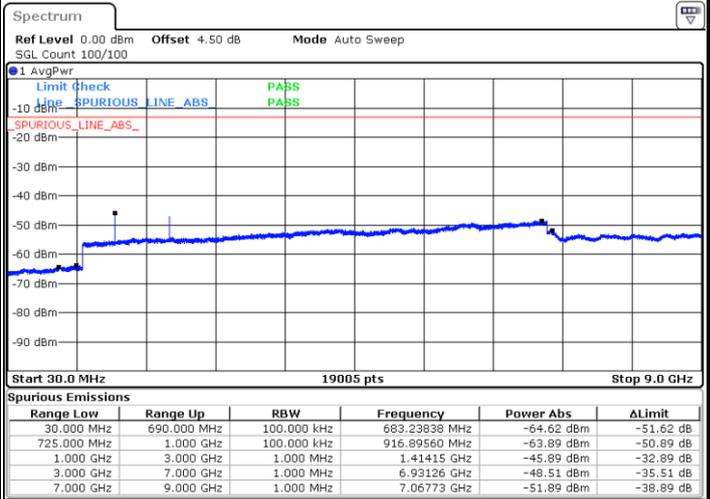
Date: 30 JAN 2018 22:25:01

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 30 JAN 2018 22:26:50

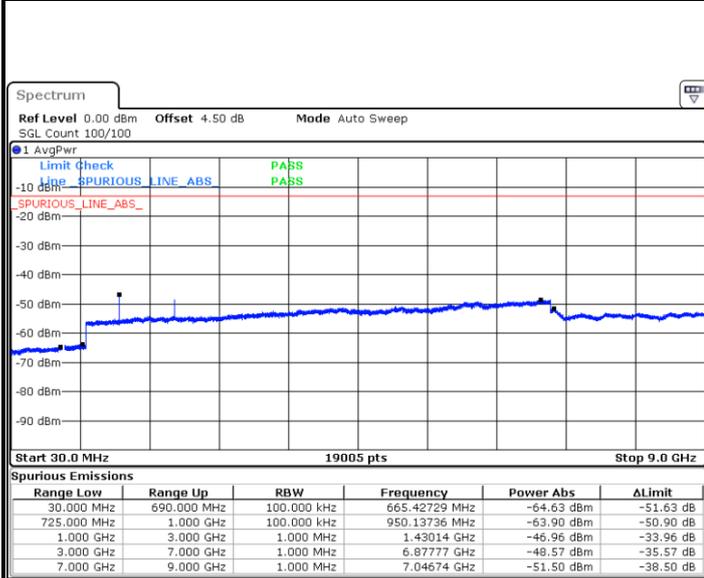


Date: 30 JAN 2018 22:25:56



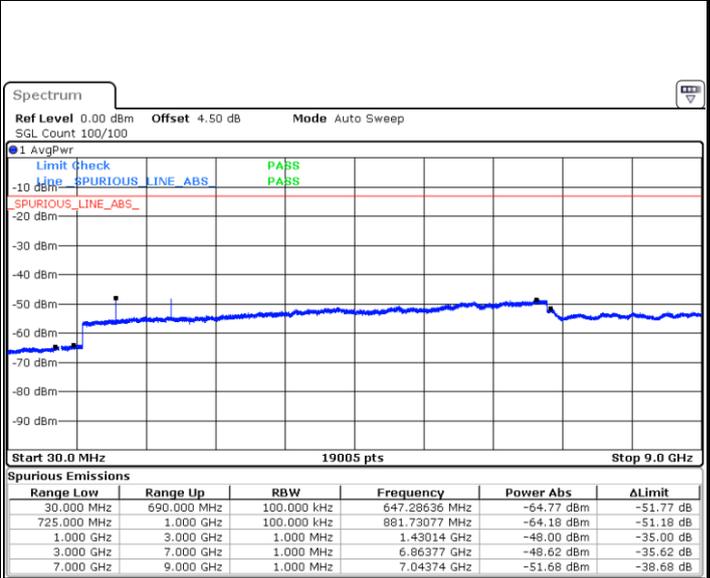
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 30 JAN 2018 22:27:45

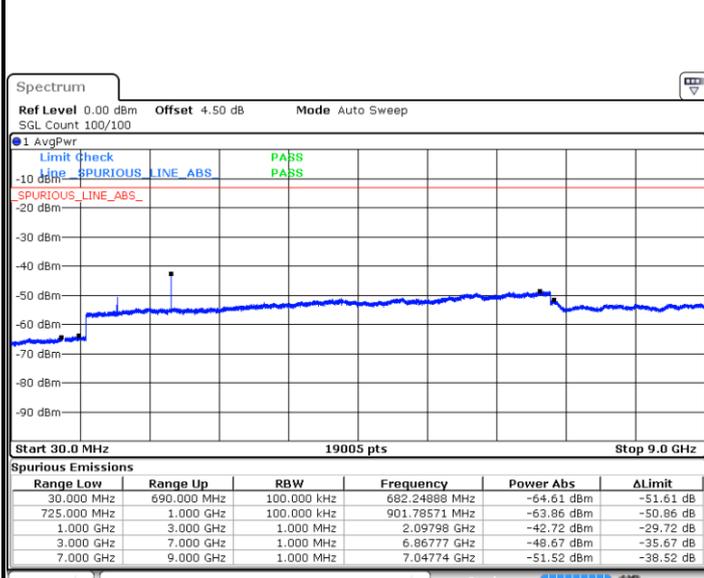
Highest Channel / 16QAM



Date: 30 JAN 2018 22:28:39

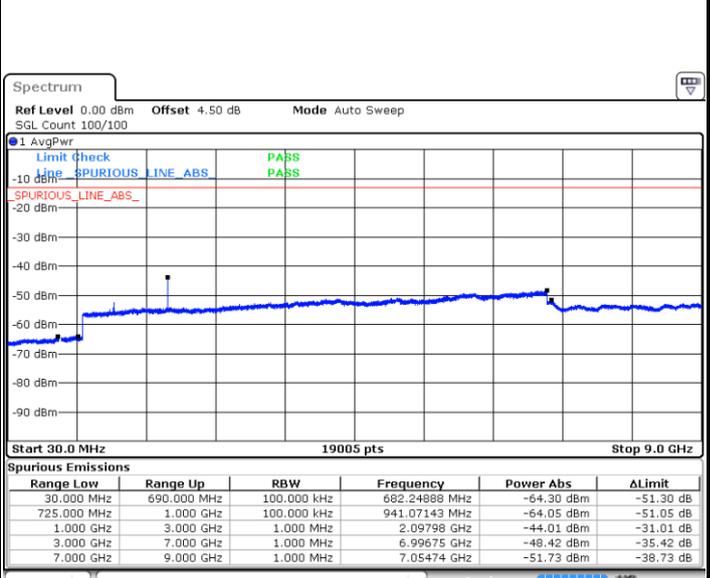
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 30 JAN 2018 22:40:36

Lowest Channel / 16QAM

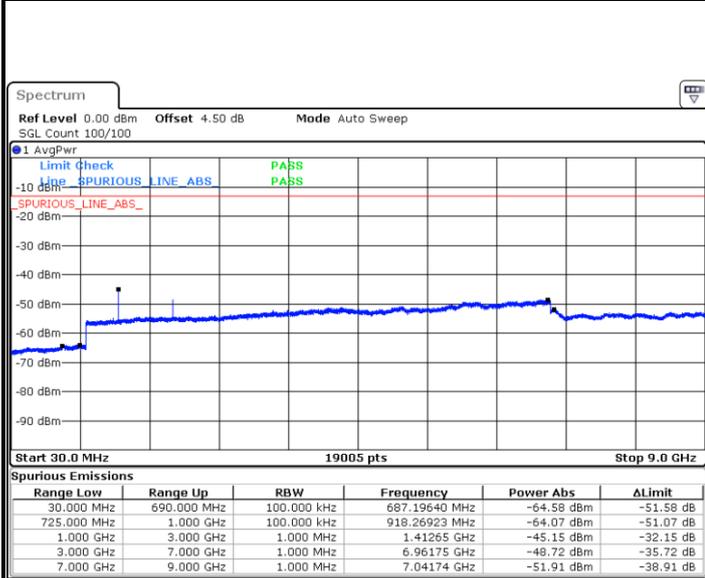


Date: 30 JAN 2018 22:41:31



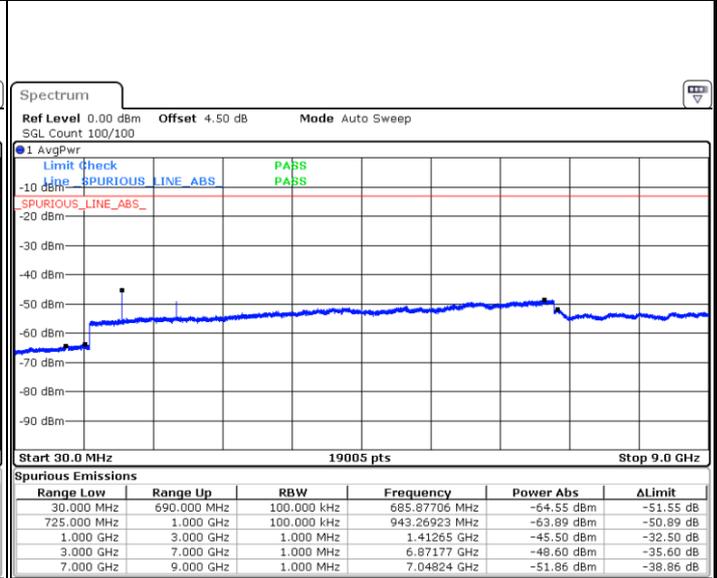
LTE Band 12 / 3MHz

Middle Channel / QPSK



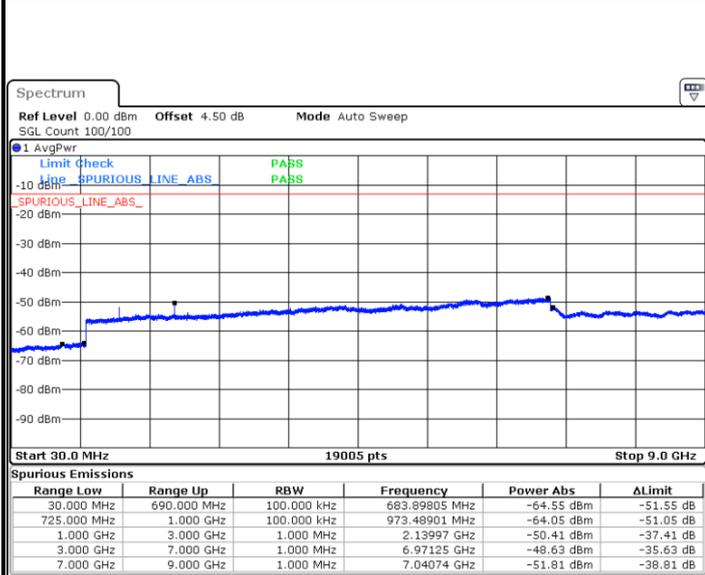
Date: 30 JAN 2018 22:43:20

Middle Channel / 16QAM



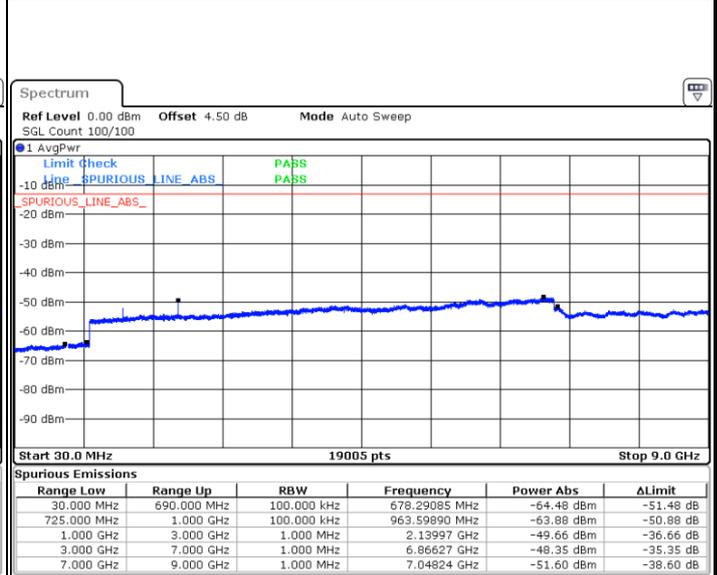
Date: 30 JAN 2018 22:42:26

Highest Channel / QPSK



Date: 30 JAN 2018 22:44:15

Highest Channel / 16QAM



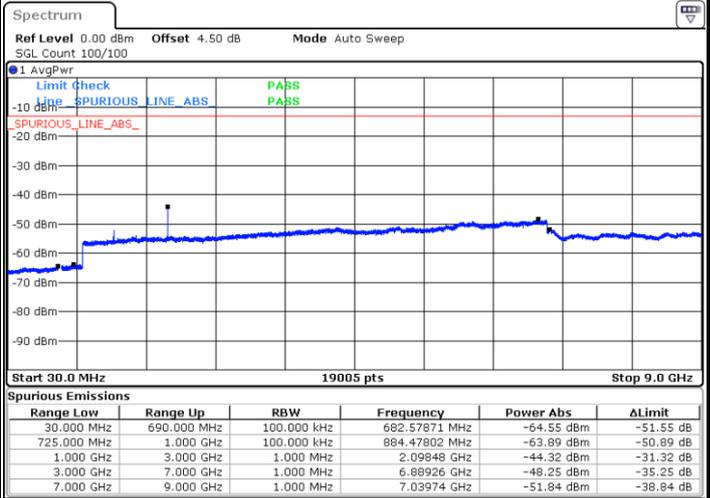
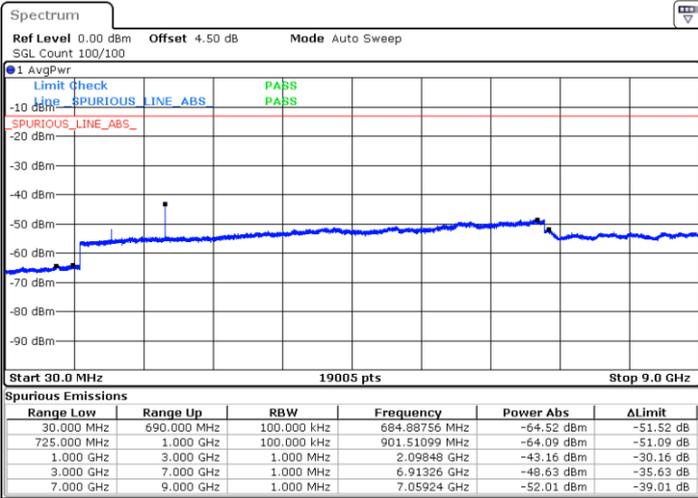
Date: 30 JAN 2018 22:45:10



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

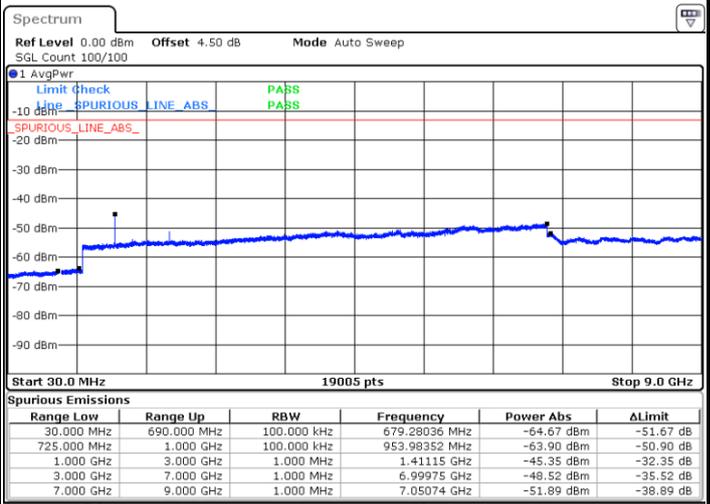
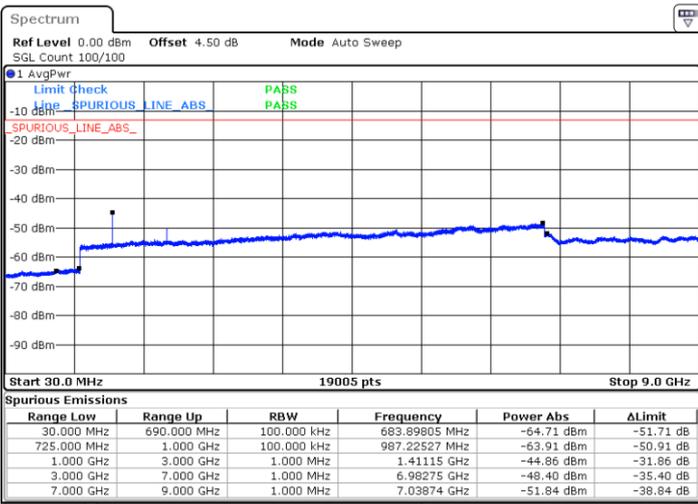


Date: 30 JAN 2018 23:02:49

Date: 30 JAN 2018 23:03:21

Middle Channel / QPSK

Middle Channel / 16QAM



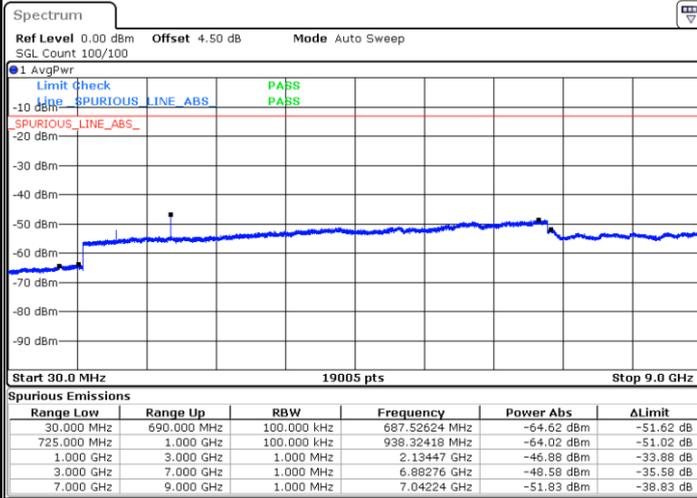
Date: 30 JAN 2018 23:04:13

Date: 30 JAN 2018 23:03:50



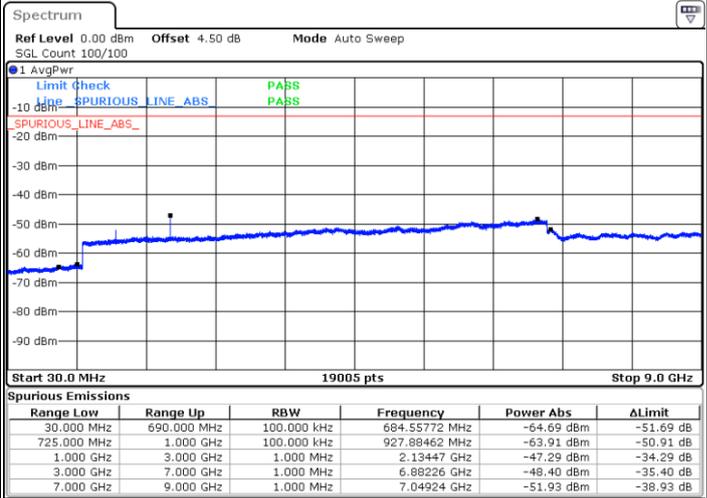
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 30 JAN 2018 23:04:38

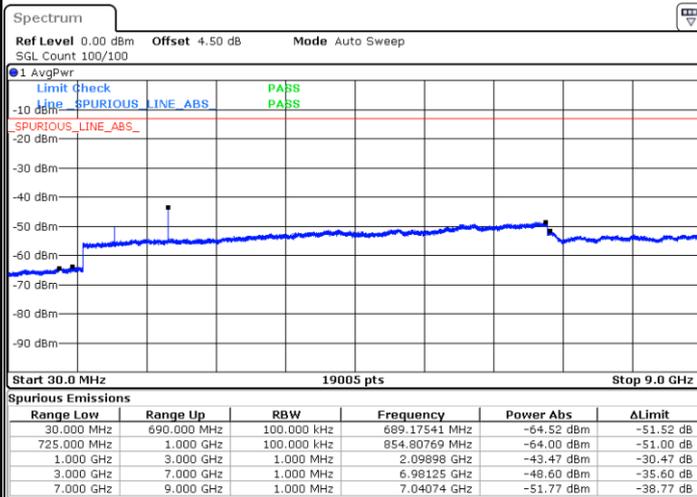
Highest Channel / 16QAM



Date: 30 JAN 2018 23:05:06

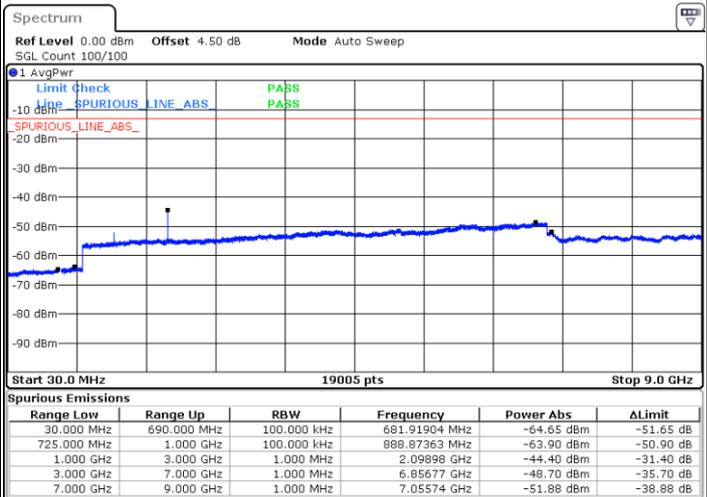
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 30 JAN 2018 23:13:11

Lowest Channel / 16QAM

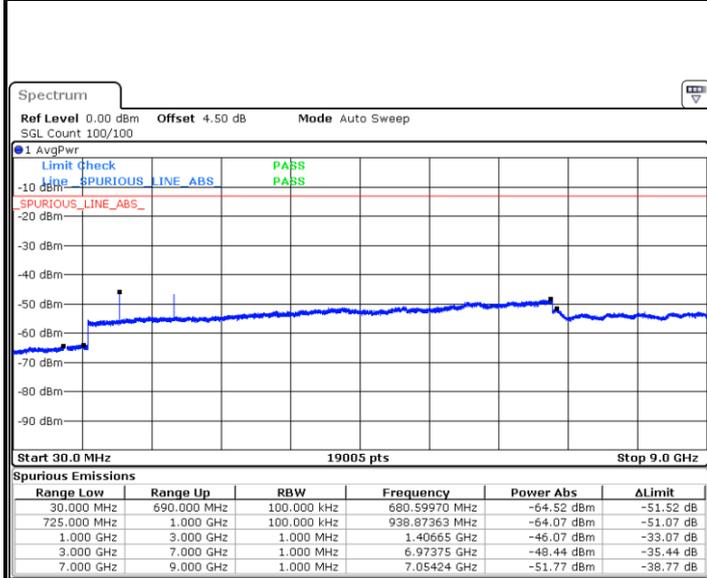


Date: 30 JAN 2018 23:13:35



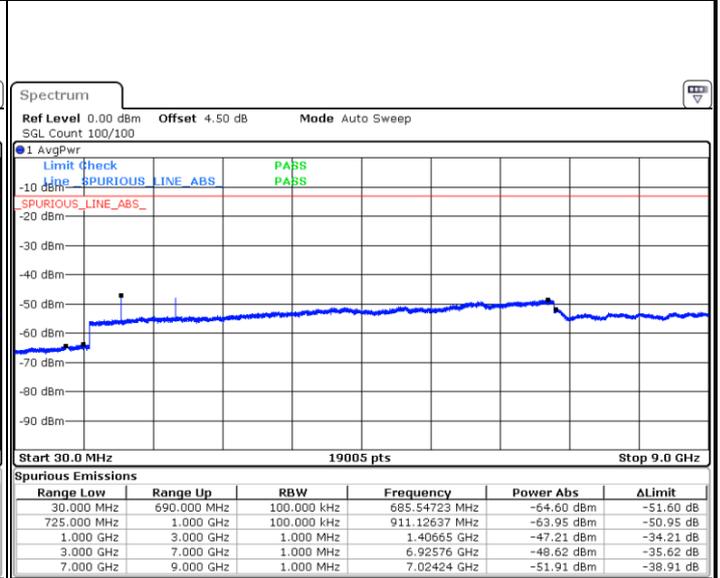
LTE Band 12 / 10MHz

Middle Channel / QPSK



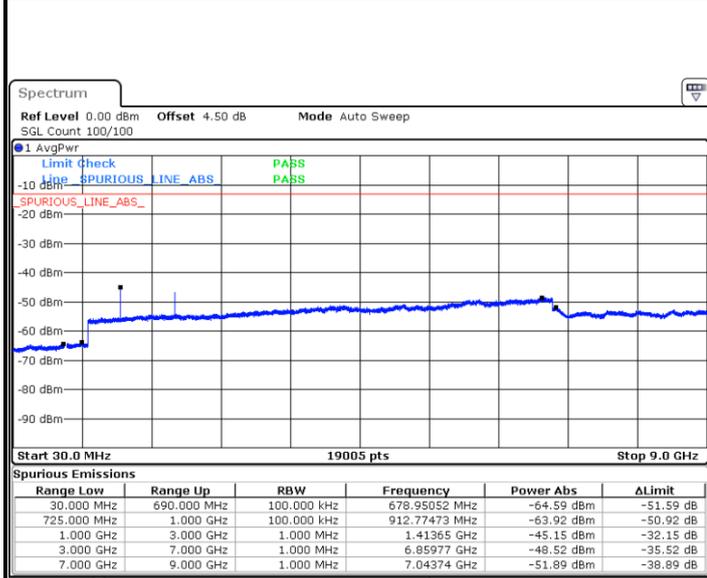
Date: 30 JAN 2018 23:14:22

Middle Channel / 16QAM



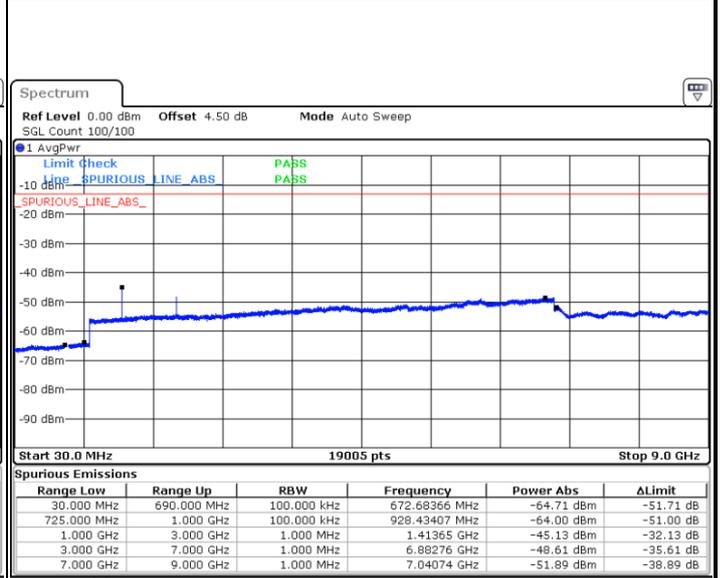
Date: 30 JAN 2018 23:13:59

Highest Channel / QPSK



Date: 30 JAN 2018 23:14:47

Highest Channel / 16QAM



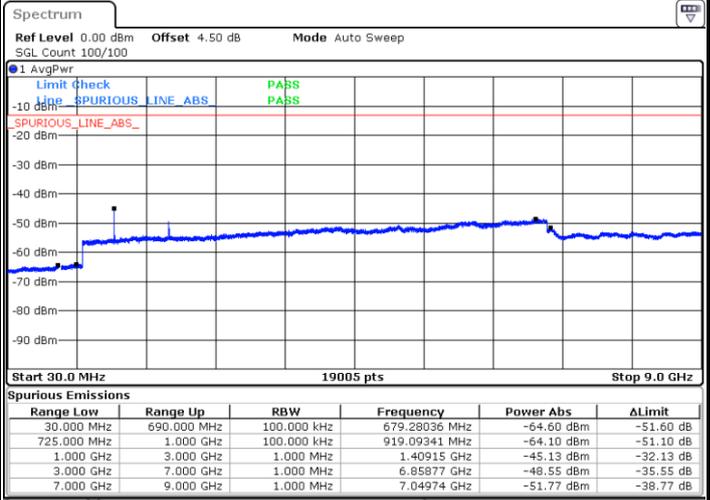
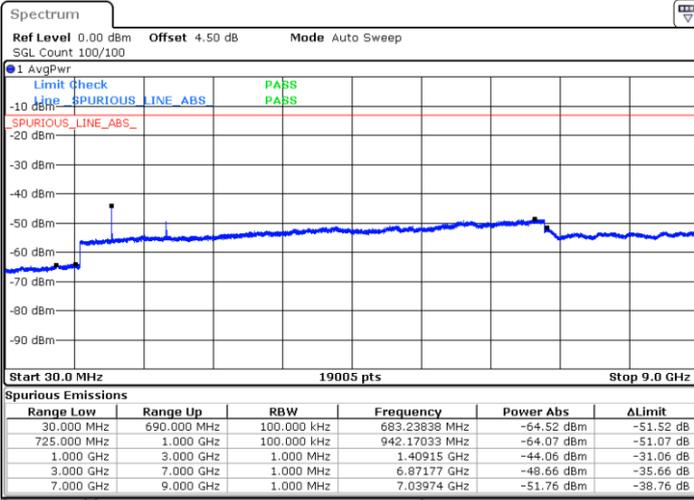
Date: 30 JAN 2018 23:15:10



LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

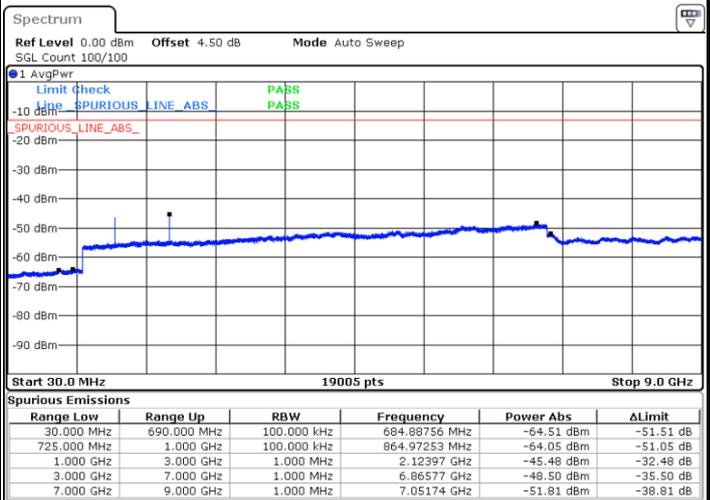
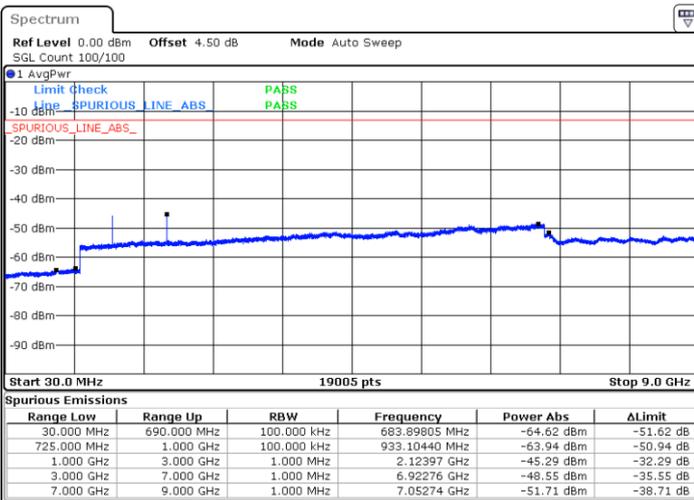


Date: 30 JAN 2018 21:38:21

Date: 30 JAN 2018 21:39:16

Middle Channel / QPSK

Middle Channel / 16QAM



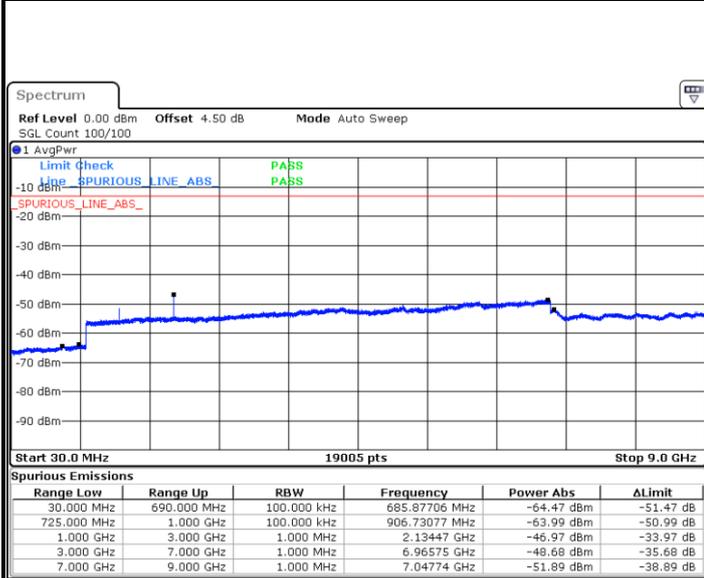
Date: 30 JAN 2018 21:40:51

Date: 30 JAN 2018 21:41:46



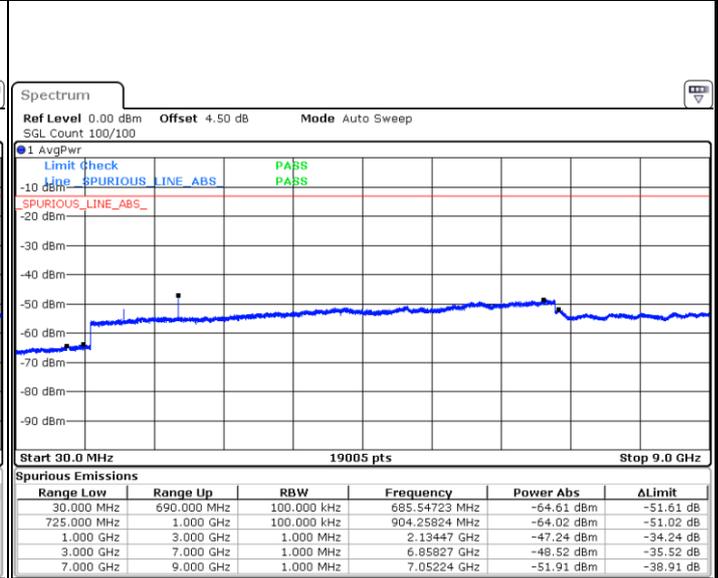
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 30 JAN 2018 21:47:51

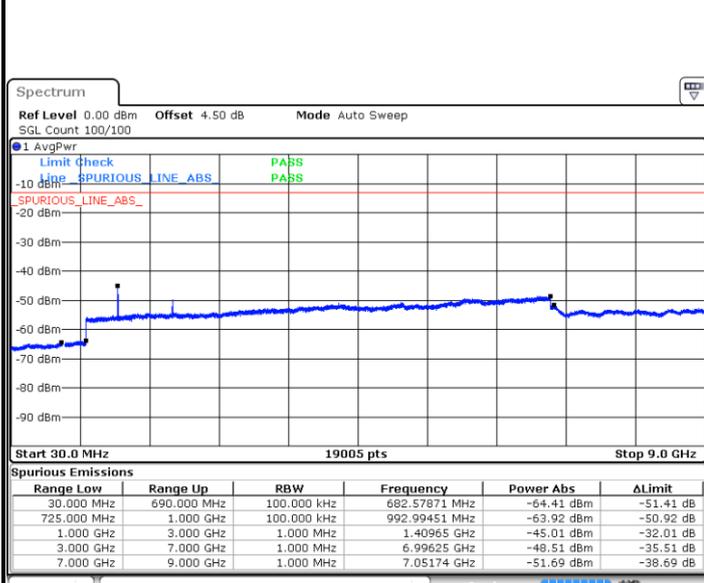
Highest Channel / 16QAM



Date: 30 JAN 2018 21:48:46

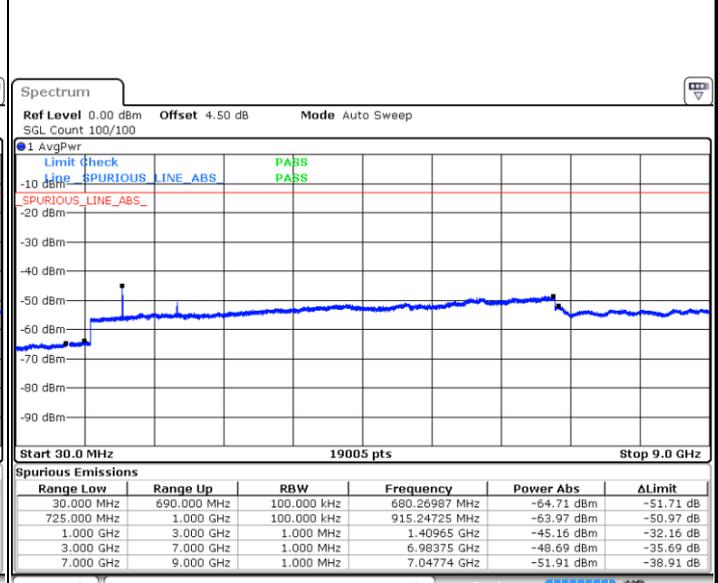
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 30 JAN 2018 21:54:53

Lowest Channel / 16QAM

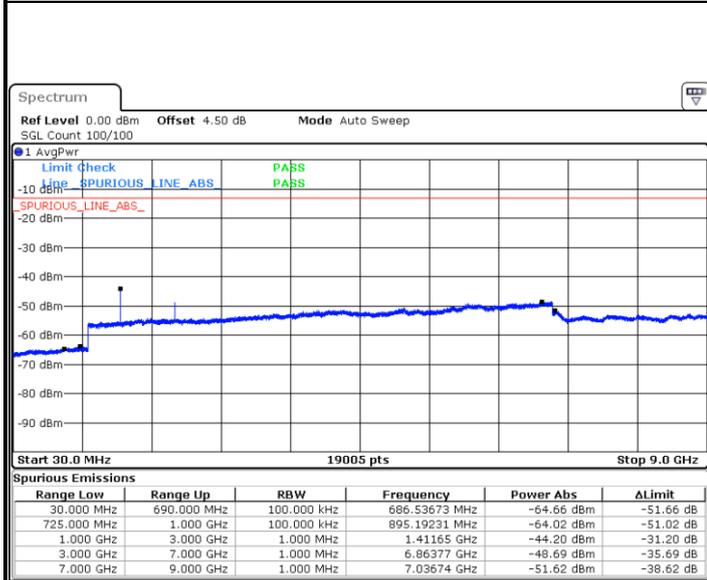


Date: 30 JAN 2018 21:55:47



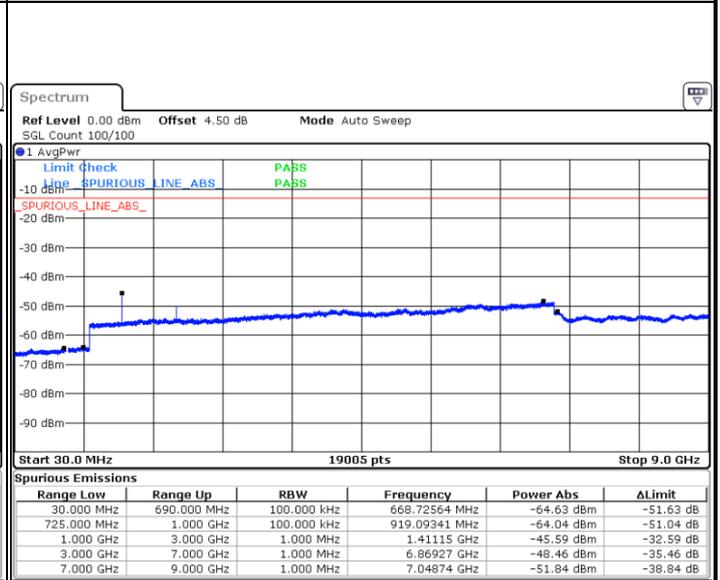
LTE Band 17 / 10MHz

Middle Channel / QPSK



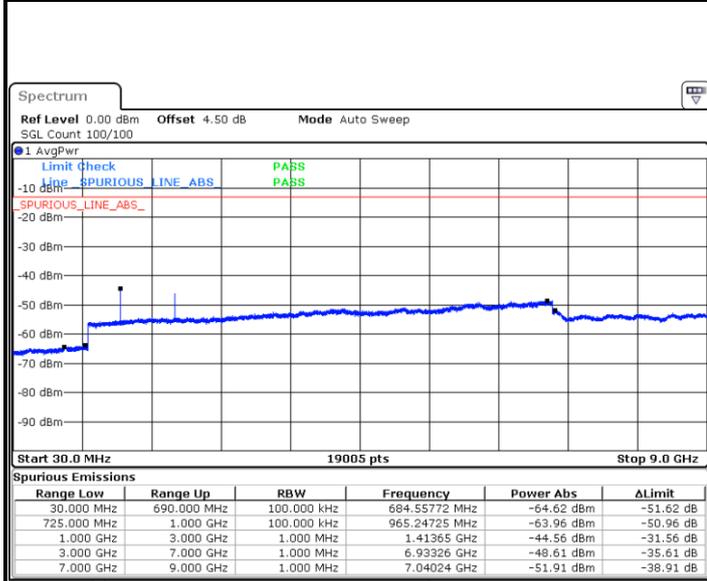
Date: 30 JAN 2018 21:57:22

Middle Channel / 16QAM



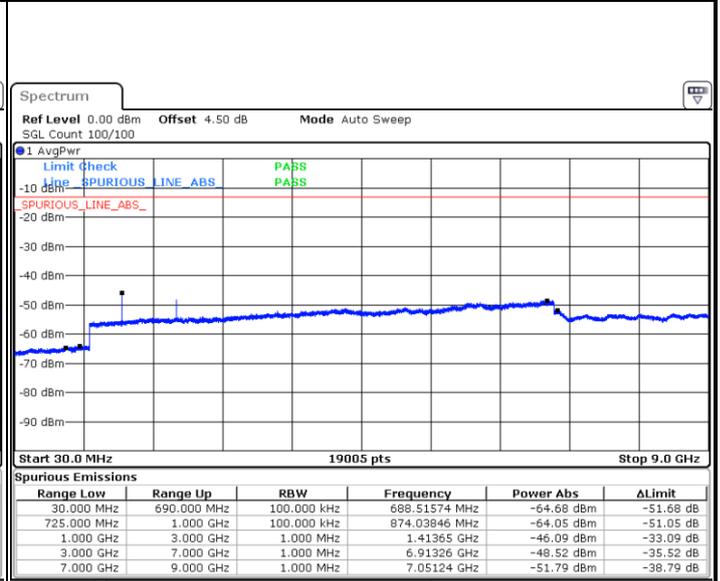
Date: 30 JAN 2018 21:58:17

Highest Channel / QPSK



Date: 30 JAN 2018 22:04:22

Highest Channel / 16QAM



Date: 30 JAN 2018 22:05:17



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	0.0022	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0030	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.5 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	0.0008	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.5 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	0.0022	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0027	

Note: Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.5 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.5 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	0.0082	PASS
40	Normal Voltage	0.0109	
30	Normal Voltage	0.0122	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0076	
-10	Normal Voltage	0.0088	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0071	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.5V.
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	0.0011	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0101	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0076	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0106	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.5 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	3702	-39.08	-13	-26.08	-56.07	-50.87	0.72	12.52	H
	5550	-45.71	-13	-32.71	-67.57	-57.88	1.00	13.17	H
	7404	-52.49	-13	-39.49	-77.6	-61.88	1.18	10.57	H
	3702	-33.55	-13	-20.55	-51.71	-45.34	0.72	12.52	V
	5550	-46.42	-13	-33.42	-68.37	-58.59	1.00	13.17	V
	7404	-53.06	-13	-40.06	-77.96	-62.45	1.18	10.57	V
Middle	3762	-38.09	-13	-25.09	-55.24	-49.9	0.69	12.50	H
	5640	-48.46	-13	-35.46	-70.18	-60.59	0.98	13.12	H
	7524	-52.80	-13	-39.80	-77.72	-62.09	1.18	10.47	H
	3762	-32.55	-13	-19.55	-50.91	-44.36	0.69	12.50	V
	5640	-49.72	-13	-36.72	-71.61	-61.85	0.98	13.12	V
	7524	-52.60	-13	-39.60	-77.57	-61.89	1.18	10.47	V
Highest	3816	-38.96	-13	-25.96	-56.23	-50.75	0.69	12.47	H
	5724	-47.93	-13	-34.93	-69.68	-60	0.99	13.07	H
	7638	-50.98	-13	-37.98	-76.16	-60.58	1.18	10.79	H
	3816	-34.10	-13	-21.10	-52.59	-45.89	0.69	12.47	V
	5724	-50.12	-13	-37.12	-72.08	-62.19	0.99	13.07	V
	7638	-51.88	-13	-38.88	-76.81	-61.48	1.18	10.79	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	3702	-39.68	-13	-26.68	-56.67	-51.47	0.72	12.52	H
	5550	-45.44	-13	-32.44	-67.3	-57.61	1.00	13.17	H
	7404	-52.82	-13	-39.82	-77.93	-62.21	1.18	10.57	H
	3702	-34.05	-13	-21.05	-52.21	-45.84	0.72	12.52	V
	5550	-46.15	-13	-33.15	-68.1	-58.32	1.00	13.17	V
	7404	-53.12	-13	-40.12	-78.02	-62.51	1.18	10.57	V
Middle	3756	-37.88	-13	-24.88	-54.99	-49.68	0.69	12.50	H
	5634	-48.72	-13	-35.72	-70.44	-60.86	0.98	13.12	H
	7512	-52.82	-13	-39.82	-77.69	-62.07	1.18	10.43	H
	3756	-33.82	-13	-20.82	-52.12	-45.62	0.69	12.50	V
	5634	-49.65	-13	-36.65	-71.54	-61.79	0.98	13.12	V
	7512	-52.39	-13	-39.39	-77.4	-61.64	1.18	10.43	V
Highest	3816	-37.88	-13	-24.88	-55.15	-49.67	0.69	12.47	H
	5724	-47.95	-13	-34.95	-69.7	-60.02	0.99	13.07	H
	7632	-52.01	-13	-39.01	-77.19	-61.6	1.18	10.77	H
	3816	-33.58	-13	-20.58	-52.07	-45.37	0.69	12.47	V
	5724	-50.46	-13	-37.46	-72.42	-62.53	0.99	13.07	V
	7632	-52.10	-13	-39.10	-77.03	-61.69	1.18	10.77	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	3702	-39.73	-13	-26.73	-56.72	-51.52	0.72	12.52	H
	5550	-46.27	-13	-33.27	-68.13	-58.44	1.00	13.17	H
	7404	-52.83	-13	-39.83	-77.94	-62.22	1.18	10.57	H
	3702	-34.88	-13	-21.88	-53.04	-46.67	0.72	12.52	V
	5550	-47.24	-13	-34.24	-69.19	-59.41	1.00	13.17	V
	7404	-53.06	-13	-40.06	-77.96	-62.45	1.18	10.57	V
Middle	3756	-39.19	-13	-26.19	-56.3	-50.99	0.69	12.50	H
	5634	-48.49	-13	-35.49	-70.21	-60.63	0.98	13.12	H
	7512	-52.24	-13	-39.24	-77.11	-61.49	1.18	10.43	H
	3756	-34.17	-13	-21.17	-52.47	-45.97	0.69	12.50	V
	5634	-49.91	-13	-36.91	-71.8	-62.05	0.98	13.12	V
	7512	-52.27	-13	-39.27	-77.28	-61.52	1.18	10.43	V
Highest	3810	-38.39	-13	-25.39	-55.62	-50.19	0.68	12.48	H
	5718	-49.39	-13	-36.39	-71.14	-61.47	0.99	13.07	H
	7620	-52.31	-13	-39.31	-77.45	-61.86	1.18	10.74	H
	3810	-34.61	-13	-21.61	-53.07	-46.41	0.68	12.48	V
	5718	-52.24	-13	-39.24	-74.2	-64.32	0.99	13.07	V
	7620	-52.44	-13	-39.44	-77.31	-61.99	1.18	10.74	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	3702	-39.73	-13	-26.73	-56.72	-51.52	0.72	12.52	H
	5550	-46.09	-13	-33.09	-67.95	-58.26	1.00	13.17	H
	7404	-50.24	-13	-37.24	-75.35	-59.63	1.18	10.57	H
	3702	-37.60	-13	-24.60	-55.76	-49.39	0.72	12.52	V
	5550	-48.89	-13	-35.89	-70.84	-61.06	1.00	13.17	V
	7404	-53.01	-13	-40.01	-77.91	-62.4	1.18	10.57	V
Middle	3750	-38.85	-13	-25.85	-55.96	-50.65	0.70	12.50	H
	5628	-47.60	-13	-34.60	-69.34	-59.74	0.98	13.12	H
	7500	-51.19	-13	-38.19	-76.06	-60.41	1.18	10.40	H
	3750	-37.16	-13	-24.16	-55.46	-48.96	0.70	12.50	V
	5628	-51.30	-13	-38.30	-73.21	-63.44	0.98	13.12	V
	7500	-52.59	-13	-39.59	-77.6	-61.81	1.18	10.40	V
Highest	3804	-40.69	-13	-27.69	-57.92	-52.5	0.67	12.48	H
	5700	-48.35	-13	-35.35	-70.1	-60.44	0.99	13.08	H
	7608	-52.01	-13	-39.01	-77.16	-61.53	1.18	10.70	H
	3804	-38.03	-13	-25.03	-56.49	-49.84	0.67	12.48	V
	5700	-51.24	-13	-38.24	-73.19	-63.33	0.99	13.08	V
	7608	-52.21	-13	-39.21	-77.09	-61.73	1.18	10.70	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	3702	-40.23	-13	-27.23	-57.22	-52.02	0.72	12.52	H
	5556	-46.76	-13	-33.76	-68.57	-58.93	1.00	13.17	H
	7404	-51.93	-13	-38.93	-77.04	-61.32	1.18	10.57	H
	3702	-36.03	-13	-23.03	-54.19	-47.82	0.72	12.52	V
	5556	-46.99	-13	-33.99	-68.94	-59.16	1.00	13.17	V
	7404	-53.11	-13	-40.11	-78.01	-62.5	1.18	10.57	V
Middle	3744	-39.65	-13	-26.65	-56.76	-51.45	0.70	12.50	H
	5622	-48.11	-13	-35.11	-69.83	-60.26	0.98	13.13	H
	7488	-52.94	-13	-39.94	-77.85	-62.18	1.18	10.42	H
	3744	-36.33	-13	-23.33	-54.63	-48.13	0.70	12.50	V
	5622	-51.14	-13	-38.14	-73.03	-63.29	0.98	13.13	V
	7488	-52.78	-13	-39.78	-77.77	-62.02	1.18	10.42	V
Highest	3792	-42.44	-13	-29.44	-59.63	-54.25	0.67	12.48	H
	5688	-48.61	-13	-35.61	-70.34	-60.71	0.99	13.09	H
	7584	-51.87	-13	-38.87	-76.94	-61.32	1.18	10.64	H
	3792	-37.23	-13	-24.23	-55.64	-49.04	0.67	12.48	V
	5688	-50.85	-13	-37.85	-72.77	-62.95	0.99	13.09	V
	7584	-52.38	-13	-39.38	-77.24	-61.83	1.18	10.64	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	-41.04	-13	-28.04	-58.03	-52.83	0.72	12.52	H
	5556	-46.16	-13	-33.16	-67.97	-58.33	1.00	13.17	H
	7404	-52.78	-13	-39.78	-77.89	-62.17	1.18	10.57	H
	3702	-36.35	-13	-23.35	-54.51	-48.14	0.72	12.52	V
	5556	-48.05	-13	-35.05	-69.98	-60.22	1.00	13.17	V
	7404	-52.93	-13	-39.93	-77.83	-62.32	1.18	10.57	V
Middle	3744	-40.02	-13	-27.02	-57.13	-51.82	0.70	12.50	H
	5616	-50.07	-13	-37.07	-71.8	-62.22	0.98	13.13	H
	7488	-52.78	-13	-39.78	-77.69	-62.02	1.18	10.42	H
	3744	-35.39	-13	-22.39	-53.69	-47.19	0.70	12.50	V
	5616	-50.05	-13	-37.05	-71.95	-62.2	0.98	13.13	V
	7488	-52.61	-13	-39.61	-77.6	-61.85	1.18	10.42	V
Highest	3780	-41.71	-13	-28.71	-58.9	-53.52	0.68	12.49	H
	5676	-48.28	-13	-35.28	-70.01	-60.39	0.99	13.09	H
	7560	-52.32	-13	-39.32	-77.34	-61.71	1.18	10.57	H
	3780	-37.96	-13	-24.96	-56.37	-49.77	0.68	12.49	V
	5676	-48.88	-13	-35.88	-70.79	-60.99	0.99	13.09	V
	7560	-52.74	-13	-39.74	-77.64	-62.13	1.18	10.57	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	-41.71	-13	-28.71	-58.46	-53.3	0.77	12.36	H
	5130	-52.71	-13	-39.71	-73.23	-64.2	0.97	12.46	H
	6840	-54.75	-13	-41.75	-78.02	-65.6	0.81	11.65	H
	3420	-44.21	-13	-31.21	-60.87	-55.8	0.77	12.36	V
	5130	-46.61	-13	-33.61	-66.82	-58.1	0.97	12.46	V
	6840	-54.65	-13	-41.65	-78.21	-65.5	0.81	11.65	V
Middle	3462	-41.39	-13	-28.39	-58.14	-53.1	0.78	12.49	H
	5196	-50.30	-13	-37.30	-70.76	-61.9	0.99	12.59	H
	6928	-53.64	-13	-40.64	-77.18	-64.1	1.00	11.46	H
	3462	-43.99	-13	-30.99	-61.52	-55.7	0.78	12.49	V
	5196	-45.00	-13	-32.00	-66.09	-56.6	0.99	12.59	V
	6928	-53.74	-13	-40.74	-77.374	-64.2	1.00	11.46	V
Highest	3510	-39.68	-13	-26.68	-56.19	-51.5	0.78	12.60	H
	5262	-50.99	-13	-37.99	-71.6	-62.7	1.01	12.72	H
	7020	-53.30	-13	-40.30	-76.98	-63.4	1.17	11.26	H
	3510	-40.58	-13	-27.58	-58.09	-52.4	0.78	12.60	V
	5262	-44.59	-13	-31.59	-65.38	-56.3	1.01	12.72	V
	7020	-52.60	-13	-39.60	-76.59	-62.7	1.17	11.26	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	-41.01	-13	-28.01	-58.12	-52.6	0.77	12.36	H
	5130	-52.91	-13	-39.91	-73	-64.4	0.97	12.46	H
	6840	-56.15	-13	-43.15	-78.11	-67	0.81	11.65	H
	3420	-45.41	-13	-32.41	-62.14	-57	0.77	12.36	V
	5130	-45.71	-13	-32.71	-66.37	-57.2	0.97	12.46	V
	6840	-54.85	-13	-41.85	-77.82	-65.7	0.81	11.65	V
Middle	3462	-40.59	-13	-27.59	-57.31	-52.3	0.78	12.49	H
	5196	-50.70	-13	-37.70	-71.42	-62.3	0.99	12.59	H
	6924	-54.03	-13	-41.03	-77.43	-64.5	0.99	11.47	H
	3462	-42.89	-13	-29.89	-60.32	-54.6	0.78	12.49	V
	5196	-45.50	-13	-32.50	-65.77	-57.1	0.99	12.59	V
	6924	-53.13	-13	-40.13	-76.8	-63.6	0.99	11.47	V
Highest	3504	-38.38	-13	-25.38	-55.44	-50.2	0.78	12.60	H
	5256	-51.60	-13	-38.60	-72.05	-63.3	1.01	12.71	H
	7008	-53.38	-13	-40.38	-76.96	-63.5	1.17	11.29	H
	3504	-40.38	-13	-27.38	-58.25	-52.2	0.78	12.60	V
	5256	-45.60	-13	-32.60	-66.59	-57.3	1.01	12.71	V
	7008	-52.08	-13	-39.08	-76.17	-62.2	1.17	11.29	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	-41.41	-13	-28.41	-58.47	-53	0.77	12.36	H
	5130	-49.31	-13	-36.31	-69.85	-60.8	0.97	12.46	H
	6840	-53.35	-13	-40.35	-77.74	-64.2	0.81	11.65	H
	3420	-45.01	-13	-32.01	-61.63	-56.6	0.77	12.36	V
	5130	-46.01	-13	-33.01	-66.6	-57.5	0.97	12.46	V
	6840	-53.55	-13	-40.55	-77.64	-64.4	0.81	11.65	V
Middle	3462	-39.79	-13	-26.79	-56.73	-51.5	0.78	12.49	H
	5190	-49.61	-13	-36.61	-70.24	-61.2	0.99	12.58	H
	6920	-54.01	-13	-41.01	-77.61	-64.5	0.98	11.48	H
	3462	-42.98	-13	-29.98	-60.57	-54.69	0.78	12.49	V
	5190	-45.91	-13	-32.91	-66.79	-57.5	0.99	12.58	V
	6920	-53.71	-13	-40.71	-77.76	-64.2	0.98	11.48	V
Highest	3504	-38.78	-13	-25.78	-55.91	-50.6	0.78	12.60	H
	5250	-51.41	-13	-38.41	-72.08	-63.1	1.01	12.70	H
	7000	-52.56	-13	-39.56	-76.61	-62.7	1.16	11.30	H
	3504	-40.58	-13	-27.58	-58.58	-52.4	0.78	12.60	V
	5250	-45.91	-13	-32.91	-66.87	-57.6	1.01	12.70	V
	7000	-51.86	-13	-38.86	-75.56	-62	1.16	11.30	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	3420	-38.91	-13	-25.91	-55.99	-50.5	0.77	12.36	H
	5130	-50.71	-13	-37.71	-70.92	-62.2	0.97	12.46	H
	6840	-54.75	-13	-41.75	-77.98	-65.6	0.81	11.65	H
	3420	-45.61	-13	-32.61	-62.49	-57.2	0.77	12.36	V
	5130	-46.61	-13	-33.61	-66.87	-58.1	0.97	12.46	V
	6840	-53.25	-13	-40.25	-77.18	-64.1	0.81	11.65	V
Middle	3456	-38.51	-13	-25.51	-55.53	-50.2	0.78	12.47	H
	5184	-48.22	-13	-35.22	-68.32	-59.8	0.99	12.57	H
	6910	-53.96	-13	-40.96	-77.56	-64.5	0.96	11.50	H
	3456	-43.11	-13	-30.11	-60.64	-54.8	0.78	12.47	V
	5184	-46.92	-13	-33.92	-67.73	-58.5	0.99	12.57	V
	6910	-52.16	-13	-39.16	-75.97	-62.7	0.96	11.50	V
Highest	3492	-38.40	-13	-25.40	-55.12	-50.2	0.78	12.58	H
	5238	-47.03	-13	-34.03	-67.58	-58.7	1.01	12.68	H
	6980	-52.88	-13	-39.88	-76.55	-63.1	1.12	11.34	H
	3492	-43.80	-13	-30.80	-61.63	-55.6	0.78	12.58	V
	5238	-48.83	-13	-35.83	-69.72	-60.5	1.01	12.68	V
	6980	-50.78	-13	-37.78	-74.47	-61	1.12	11.34	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	3420	-39.91	-13	-26.91	-56.7	-51.5	0.77	12.36	H
	5130	-51.01	-13	-38.01	-71.68	-62.5	0.97	12.46	H
	6840	-54.05	-13	-41.05	-77.61	-64.9	0.81	11.65	H
	3420	-44.91	-13	-31.91	-61.54	-56.5	0.77	12.36	V
	5130	-47.11	-13	-34.11	-67.75	-58.6	0.97	12.46	V
	6840	-53.95	-13	-40.95	-77.93	-64.8	0.81	11.65	V
Middle	3450	-38.43	-13	-25.43	-55.36	-50.1	0.78	12.45	H
	5178	-49.63	-13	-36.63	-70.3	-61.2	0.98	12.56	H
	6900	-53.62	-13	-40.62	-77.3	-64.2	0.94	11.52	H
	3450	-43.83	-13	-30.83	-60.86	-55.5	0.78	12.45	V
	5178	-47.13	-13	-34.13	-67.92	-58.7	0.98	12.56	V
	6900	-53.52	-13	-40.52	-77.63	-64.1	0.94	11.52	V
Highest	3480	-39.84	-13	-26.84	-56.84	-51.6	0.78	12.54	H
	5220	-46.96	-13	-33.96	-67.6	-58.6	1.00	12.64	H
	6960	-53.69	-13	-40.69	-77.26	-64	1.07	11.39	H
	3480	-43.54	-13	-30.54	-61.31	-55.3	0.78	12.54	V
	5220	-49.56	-13	-36.56	-70.25	-61.2	1.00	12.64	V
	6960	-51.19	-13	-38.19	-74.85	-61.5	1.07	11.39	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	3420	-39.01	-13	-26.01	-56.01	-50.6	0.77	12.36	H
	5136	-50.40	-13	-37.40	-70.71	-61.9	0.97	12.47	H
	6840	-54.75	-13	-41.75	-78.1	-65.6	0.81	11.65	H
	3420	-45.91	-13	-32.91	-62.56	-57.5	0.77	12.36	V
	5136	-47.80	-13	-34.80	-68.5	-59.3	0.97	12.47	V
	6840	-54.15	-13	-41.15	-77.92	-65	0.81	11.65	V
Middle	3450	-38.03	-13	-25.03	-54.7	-49.7	0.78	12.45	H
	5172	-51.34	-13	-38.34	-71.56	-62.9	0.98	12.54	H
	6890	-53.98	-13	-40.98	-77.59	-64.6	0.92	11.54	H
	3450	-42.93	-13	-29.93	-60.01	-54.6	0.78	12.45	V
	5172	-49.64	-13	-36.64	-70.13	-61.2	0.98	12.54	V
	6890	-53.58	-13	-40.58	-77.42	-64.2	0.92	11.54	V
Highest	3474	-41.36	-13	-28.36	-58.36	-53.1	0.78	12.52	H
	5205	-48.18	-13	-35.18	-68.79	-59.8	0.99	12.61	H
	6940	-53.80	-13	-40.80	-77.52	-64.2	1.03	11.43	H
	3474	-46.36	-13	-33.36	-63.95	-58.1	0.78	12.52	V
	5205	-47.28	-13	-34.28	-67.99	-58.9	0.99	12.61	V
	6940	-53.20	-13	-40.20	-77.02	-63.6	1.03	11.43	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	-51.05	-13	-38.05	-60.96	-58	0.53	9.63	H
	2472	-47.70	-13	-34.70	-61.14	-55.68	0.65	10.78	H
	3296	-48.40	-13	-35.40	-64.54	-57.48	0.76	11.99	H
	4120	-52.88	-13	-39.88	-70.27	-62.22	0.86	12.35	H
	1648	-55.21	-13	-42.21	-64.83	-62.16	0.53	9.63	V
	2472	-51.21	-13	-38.21	-65.14	-59.19	0.65	10.78	V
	3296	-52.15	-13	-39.15	-68.26	-61.23	0.76	11.99	V
Middle	1672	-53.44	-13	-40.44	-63.53	-60.44	0.53	9.68	H
	2512	-49.10	-13	-36.10	-62.52	-57.1	0.66	10.81	H
	3344	-50.60	-13	-37.60	-66.8	-59.82	0.76	12.13	H
	4184	-54.64	-13	-41.64	-72.08	-63.98	0.84	12.33	H
	1672	-57.24	-13	-44.24	-66.93	-64.24	0.53	9.68	V
	2512	-54.99	-13	-41.99	-68.82	-62.99	0.66	10.81	V
	3344	-55.12	-13	-42.12	-71.13	-64.34	0.76	12.13	V
Highest	4184	-55.53	-13	-42.53	-74.2	-64.87	0.84	12.33	V
	1696	-50.86	-13	-37.86	-61.24	-57.91	0.53	9.73	H
	2544	-57.02	-13	-44.02	-70.5	-65.03	0.67	10.83	H
	3392	-45.21	-13	-32.21	-61.52	-54.57	0.77	12.28	H
	4240	-53.77	-13	-40.77	-71.33	-63.09	0.84	12.30	H
	1696	-55.50	-13	-42.50	-65.26	-62.55	0.53	9.73	V
	2544	-58.89	-13	-45.89	-72.74	-66.9	0.67	10.83	V
3392	-51.35	-13	-38.35	-67.25	-60.71	0.77	12.28	V	
4240	-55.14	-13	-42.14	-73.96	-64.46	0.84	12.30	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	-50.59	-13	-37.59	-60.5	-57.54	0.53	9.63	H
	2472	-47.95	-13	-34.95	-61.39	-55.93	0.65	10.78	H
	3296	-48.60	-13	-35.60	-64.74	-57.68	0.76	11.99	H
	4120	-52.67	-13	-39.67	-70.06	-62.01	0.86	12.35	H
	1648	-55.19	-13	-42.19	-64.81	-62.14	0.53	9.63	V
	2472	-50.43	-13	-37.43	-64.36	-58.41	0.65	10.78	V
	3296	-52.53	-13	-39.53	-68.64	-61.61	0.76	11.99	V
Middle	4120	-54.80	-13	-41.80	-73.37	-64.14	0.86	12.35	V
	1672	-56.70	-13	-43.70	-66.79	-63.7	0.53	9.68	H
	2504	-50.89	-13	-37.89	-64.32	-58.89	0.66	10.80	H
	3344	-49.43	-13	-36.43	-65.63	-58.65	0.76	12.13	H
	4176	-53.56	-13	-40.56	-71	-62.9	0.84	12.33	H
	1672	-57.26	-13	-44.26	-66.95	-64.26	0.53	9.68	V
	2504	-56.36	-13	-43.36	-70.2	-64.36	0.66	10.80	V
Highest	3344	-54.63	-13	-41.63	-70.64	-63.85	0.76	12.13	V
	4176	-54.81	-13	-41.81	-73.48	-64.15	0.84	12.33	V
	1696	-48.37	-13	-35.37	-58.75	-55.42	0.53	9.73	H
	2536	-56.52	-13	-43.52	-69.97	-64.53	0.66	10.82	H
	3384	-44.24	-13	-31.24	-60.54	-53.57	0.77	12.25	H
	4232	-52.97	-13	-39.97	-70.53	-62.29	0.84	12.31	H
	1696	-52.61	-13	-39.61	-62.37	-59.66	0.53	9.73	V
2536	-58.73	-13	-45.73	-72.56	-66.74	0.66	10.82	V	
3384	-51.57	-13	-38.57	-67.46	-60.9	0.77	12.25	V	
4232	-54.32	-13	-41.32	-73.14	-63.64	0.84	12.31	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	-50.53	-13	-37.53	-60.44	-57.48	0.53	9.63	H
	2472	-50.34	-13	-37.34	-63.78	-58.32	0.65	10.78	H
	3296	-49.01	-13	-36.01	-65.15	-58.09	0.76	11.99	H
	4120	-53.46	-13	-40.46	-70.85	-62.8	0.86	12.35	H
	1648	-55.16	-13	-42.16	-64.78	-62.11	0.53	9.63	V
	2472	-56.01	-13	-43.01	-69.94	-63.99	0.65	10.78	V
	3296	-52.50	-13	-39.50	-68.61	-61.58	0.76	11.99	V
Middle	4120	-54.69	-13	-41.69	-73.26	-64.03	0.86	12.35	V
	1672	-54.18	-13	-41.18	-64.27	-61.18	0.53	9.68	H
	2504	-55.15	-13	-42.15	-68.58	-63.15	0.66	10.80	H
	3336	-49.19	-13	-36.19	-65.4	-58.39	0.76	12.11	H
	4168	-53.57	-13	-40.57	-70.98	-62.91	0.84	12.33	H
	1672	-59.36	-13	-46.36	-69.05	-66.36	0.53	9.68	V
	2504	-56.94	-13	-43.94	-70.78	-64.94	0.66	10.80	V
Highest	3336	-53.70	-13	-40.70	-69.72	-62.9	0.76	12.11	V
	4168	-54.32	-13	-41.32	-72.95	-63.66	0.84	12.33	V
	1688	-48.07	-13	-35.07	-58.32	-55.1	0.53	9.71	H
	2536	-57.58	-13	-44.58	-71.03	-65.59	0.66	10.82	H
	3376	-44.83	-13	-31.83	-61.1	-54.14	0.77	12.23	H
	4224	-52.98	-13	-39.98	-70.49	-62.3	0.84	12.31	H
	1688	-52.71	-13	-39.71	-62.46	-59.74	0.53	9.71	V
	2536	-57.90	-13	-44.90	-71.73	-65.91	0.66	10.82	V
	3376	-50.06	-13	-37.06	-65.99	-59.37	0.77	12.23	V
	4224	-53.78	-13	-40.78	-72.54	-63.1	0.84	12.31	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	1648	-49.86	-13	-36.86	-59.77	-56.81	0.53	9.63	H
	2472	-49.51	-13	-36.51	-62.95	-57.49	0.65	10.78	H
	3296	-48.29	-13	-35.29	-64.43	-57.37	0.76	11.99	H
	4120	-53.18	-13	-40.18	-70.57	-62.52	0.86	12.35	H
	1648	-55.18	-13	-42.18	-64.8	-62.13	0.53	9.63	V
	2472	-56.19	-13	-43.19	-70.12	-64.17	0.65	10.78	V
	3296	-52.72	-13	-39.72	-68.83	-61.8	0.76	11.99	V
Middle	4120	-54.49	-13	-41.49	-73.06	-63.83	0.86	12.35	V
	1664	-52.45	-13	-39.45	-62.63	-59.43	0.53	9.66	H
	2496	-56.53	-13	-43.53	-69.94	-64.52	0.65	10.80	H
	3328	-47.99	-13	-34.99	-64.2	-57.16	0.76	12.08	H
	4160	-54.26	-13	-41.26	-71.67	-63.6	0.85	12.34	H
	1664	-56.82	-13	-43.82	-66.51	-63.8	0.53	9.66	V
	2496	-57.53	-13	-44.53	-71.36	-65.52	0.65	10.80	V
Highest	3328	-51.65	-13	-38.65	-67.67	-60.82	0.76	12.08	V
	4160	-54.04	-13	-41.04	-72.67	-63.38	0.85	12.34	V
	1680	-50.16	-13	-37.16	-60.41	-57.18	0.53	9.70	H
	2520	-54.46	-13	-41.46	-67.91	-62.46	0.66	10.81	H
	3360	-47.90	-13	-34.90	-64.14	-57.16	0.77	12.18	H
	4200	-53.65	-13	-40.65	-71.09	-62.98	0.84	12.32	H
	1680	-53.53	-13	-40.53	-63.28	-60.55	0.53	9.70	V
	2520	-57.64	-13	-44.64	-71.47	-65.64	0.66	10.81	V
3360	-52.38	-13	-39.38	-68.36	-61.64	0.77	12.18	V	
4200	-53.94	-13	-40.94	-72.63	-63.27	0.84	12.32	V	

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



LTE Band 7 / 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	5004	-33.22	-25	-8.22	-29.78	-44.49	0.94	12.21	H
	7500	-47.62	-25	-22.62	-49.11	-56.84	1.18	10.40	H
	10008	-54.17	-25	-29.17	-61.73	-64.89	1.37	12.08	H
	12510	-39.28	-25	-14.28	-50.1	-52.56	1.50	14.78	H
	15012	-41.92	-25	-16.92	-54.19	-53.58	1.72	13.38	H
	17496	-31.55	-25	-6.55	-48.5	-41.73	1.74	11.92	H
	5004	-36.67	-25	-11.67	-33.41	-47.94	0.94	12.21	V
	7500	-48.63	-25	-23.63	-50.26	-57.85	1.18	10.40	V
	10008	-55.09	-25	-30.09	-62.32	-65.81	1.37	12.08	V
	12510	-41.73	-25	-16.73	-51.72	-55.01	1.50	14.78	V
	15012	-44.27	-25	-19.27	-56.26	-55.93	1.72	13.38	V
17496	-28.51	-25	-3.51	-47.27	-38.69	1.74	11.92	V	
Middle	5064	-35.18	-25	-10.18	-31.94	-46.55	0.95	12.33	H
	7596	-46.23	-25	-21.23	-48.03	-55.72	1.18	10.67	H
	10134	-52.17	-25	-27.17	-59.7	-62.64	1.38	11.85	H
	12672	-39.30	-25	-14.30	-50.51	-52.31	1.48	14.49	H
	15192	-42.19	-25	-17.19	-55.16	-55.02	1.73	14.57	H
	17730	-28.82	-25	-3.82	-46.94	-37.63	1.67	10.47	H
	5064	-36.76	-25	-11.76	-33.69	-48.13	0.95	12.33	V
	7596	-46.03	-25	-21.03	-47.53	-55.52	1.18	10.67	V
	10134	-53.54	-25	-28.54	-60.79	-64.01	1.38	11.85	V
	12672	-40.20	-25	-15.20	-50.03	-53.21	1.48	14.49	V
	15192	-44.91	-25	-19.91	-57.5	-57.74	1.73	14.57	V
17730	-28.04	-25	-3.04	-49.32	-36.85	1.67	10.47	V	
Highest	5130	-36.86	-25	-11.86	-33.88	-48.35	0.97	12.46	H
	7698	-49.07	-25	-24.07	-51.15	-58.84	1.19	10.95	H
	10260	-52.26	-25	-27.26	-59.74	-62.47	1.39	11.61	H
	12834	-36.86	-25	-11.86	-48.41	-49.6	1.46	14.20	H
	15390	-41.07	-25	-16.07	-54.81	-55.2	1.75	15.87	H
	17964	-31.22	-25	-6.22	-50.54	-38.64	1.60	9.02	H
	5130	-43.99	-25	-18.99	-41.18	-55.48	0.97	12.46	V
	7698	-47.62	-25	-22.62	-49.57	-57.39	1.19	10.95	V
	10260	-53.48	-25	-28.48	-60.74	-63.69	1.39	11.61	V
	12834	-39.85	-25	-14.85	-49.53	-52.59	1.46	14.20	V
	15390	-44.41	-25	-19.41	-57.64	-58.54	1.75	15.87	V
17964	-28.17	-25	-3.17	-52	-35.59	1.60	9.02	V	

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



LTE Band 7 / 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	5004	-32.77	-25	-7.77	-29.33	-44.04	0.94	12.21	H
	7500	-46.79	-25	-21.79	-48.28	-56.01	1.18	10.40	H
	10008	-53.57	-25	-28.57	-61.13	-64.29	1.37	12.08	H
	12510	-38.57	-25	-13.57	-49.39	-51.85	1.50	14.78	H
	15012	-40.91	-25	-15.91	-53.18	-52.57	1.72	13.38	H
	17496	-29.63	-25	-4.63	-46.58	-39.81	1.74	11.92	H
	5004	-35.91	-25	-10.91	-32.65	-47.18	0.94	12.21	V
	7500	-46.29	-25	-21.29	-47.92	-55.51	1.18	10.40	V
	10008	-54.75	-25	-29.75	-61.98	-65.47	1.37	12.08	V
	12510	-39.89	-25	-14.89	-49.88	-53.17	1.50	14.78	V
	15012	-42.30	-25	-17.30	-54.29	-53.96	1.72	13.38	V
17496	-28.10	-25	-3.10	-46.86	-38.28	1.74	11.92	V	
Middle	5064	-34.85	-25	-9.85	-31.61	-46.22	0.95	12.33	H
	7590	-48.70	-25	-23.70	-50.5	-58.17	1.18	10.65	H
	10116	-54.13	-25	-29.13	-61.66	-64.63	1.38	11.88	H
	12654	-37.97	-25	-12.97	-49.13	-51.01	1.48	14.52	H
	15192	-43.02	-25	-18.02	-55.99	-55.85	1.73	14.57	H
	17712	-29.97	-25	-4.97	-48	-38.88	1.67	10.59	H
	5064	-38.27	-25	-13.27	-35.2	-49.64	0.95	12.33	V
	7590	-39.96	-25	-14.96	-41.46	-49.43	1.18	10.65	V
	10116	-28.34	-25	-3.34	-60.58	-38.84	1.38	11.88	V
	12654	-39.41	-25	-14.41	-49.24	-52.45	1.48	14.52	V
	15192	-44.33	-25	-19.33	-56.92	-57.16	1.73	14.57	V
17712	-28.59	-25	-3.59	-49.68	-37.5	1.67	10.59	V	
Highest	5124	-37.55	-25	-12.55	-34.54	-49.03	0.97	12.45	H
	7680	-47.94	-25	-22.94	-49.96	-57.66	1.19	10.90	H
	10242	-52.93	-25	-27.93	-60.42	-63.18	1.39	11.64	H
	12798	-37.48	-25	-12.48	-48.96	-50.28	1.47	14.26	H
	15372	-40.50	-25	-15.50	-54.17	-54.51	1.75	15.76	H
	17928	-29.08	-25	-4.08	-48.21	-36.72	1.61	9.25	H
	5124	-39.21	-25	-14.21	-36.37	-50.69	0.97	12.45	V
	7680	-42.76	-25	-17.76	-44.62	-52.48	1.19	10.90	V
	10242	-54.40	-25	-29.40	-61.66	-64.65	1.39	11.64	V
	12798	-37.94	-25	-12.94	-47.65	-50.74	1.47	14.26	V
	15372	-42.29	-25	-17.29	-55.46	-56.3	1.75	15.76	V
17928	-28.12	-25	-3.12	-51.55	-35.76	1.61	9.25	V	

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



LTE Band 7 / 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	5004	-34.08	-25	-9.08	-30.64	-45.35	0.94	12.21	H
	7500	-46.22	-25	-21.22	-47.71	-55.44	1.18	10.40	H
	10008	-53.15	-25	-28.15	-60.71	-63.87	1.37	12.08	H
	12510	-38.20	-25	-13.20	-49.02	-51.48	1.50	14.78	H
	15012	-41.22	-25	-16.22	-53.49	-52.88	1.72	13.38	H
	17514	-31.27	-25	-6.27	-48.28	-41.35	1.73	11.81	H
	5004	-36.31	-25	-11.31	-33.05	-47.58	0.94	12.21	V
	7500	-47.63	-25	-22.63	-49.26	-56.85	1.18	10.40	V
	10008	-55.07	-25	-30.07	-62.3	-65.79	1.37	12.08	V
	12510	-41.50	-25	-16.50	-51.49	-54.78	1.50	14.78	V
	15012	-44.19	-25	-19.19	-56.18	-55.85	1.72	13.38	V
17514	-28.07	-25	-3.07	-47	-38.15	1.73	11.81	V	
Middle	5058	-35.16	-25	-10.16	-31.92	-46.52	0.95	12.32	H
	7584	-48.52	-25	-23.52	-50.26	-57.97	1.18	10.64	H
	10116	-54.78	-25	-29.78	-62.31	-65.28	1.38	11.88	H
	12636	-37.94	-25	-12.94	-49.09	-51.01	1.49	14.56	H
	15174	-43.27	-25	-18.27	-56.17	-55.99	1.73	14.45	H
	17694	-32.51	-25	-7.51	-50.45	-41.53	1.68	10.70	H
	5058	-39.49	-25	-14.49	-36.42	-50.85	0.95	12.32	V
	7584	-48.81	-25	-23.81	-50.34	-58.26	1.18	10.64	V
	10116	-55.12	-25	-30.12	-62.36	-65.62	1.38	11.88	V
	12636	-40.82	-25	-15.82	-50.7	-53.89	1.49	14.56	V
	15174	-47.00	-25	-22.00	-59.53	-59.72	1.73	14.45	V
17694	-29.90	-25	-4.90	-50.79	-38.92	1.68	10.70	V	
Highest	5112	-38.16	-25	-13.16	-35.12	-49.62	0.97	12.42	H
	7668	-47.10	-25	-22.10	-49.08	-56.79	1.19	10.87	H
	10224	-54.24	-25	-29.24	-61.74	-64.53	1.39	11.67	H
	12780	-38.00	-25	-13.00	-49.43	-50.83	1.47	14.30	H
	15336	-42.53	-25	-17.53	-56.06	-56.3	1.74	15.52	H
	17892	-33.28	-25	-8.28	-52.23	-41.13	1.62	9.47	H
	5112	-41.26	-25	-16.26	-38.39	-52.72	0.97	12.42	V
	7668	-43.38	-25	-18.38	-45.17	-53.07	1.19	10.87	V
	10224	-54.47	-25	-29.47	-61.73	-64.76	1.39	11.67	V
	12780	-39.61	-25	-14.61	-49.33	-52.44	1.47	14.30	V
	15336	-46.20	-25	-21.20	-59.25	-59.97	1.74	15.52	V
17892	-29.12	-25	-4.12	-52.16	-36.97	1.62	9.47	V	

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



LTE Band 7 / 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	5004	-33.40	-25	-8.40	-29.96	-44.67	0.94	12.21	H
	7506	-45.76	-25	-20.76	-47.26	-55	1.18	10.42	H
	10008	-53.61	-25	-28.61	-61.17	-64.33	1.37	12.08	H
	12510	-40.35	-25	-15.35	-51.17	-53.63	1.50	14.78	H
	15012	-42.35	-25	-17.35	-54.62	-54.01	1.72	13.38	H
	17514	-29.82	-25	-4.82	-46.83	-39.9	1.73	11.81	H
	5004	-36.77	-25	-11.77	-33.51	-48.04	0.94	12.21	V
	7506	-48.33	-25	-23.33	-49.97	-57.57	1.18	10.42	V
	10008	-55.71	-25	-30.71	-62.94	-66.43	1.37	12.08	V
	12510	-42.81	-25	-17.81	-52.8	-56.09	1.50	14.78	V
	15012	-44.31	-25	-19.31	-53.3	-55.97	1.72	13.38	V
17514	-28.10	-25	-3.10	-47.03	-38.18	1.73	11.81	V	
Middle	5052	-37.34	-25	-12.34	-34.03	-48.69	0.95	12.30	H
	7578	-46.96	-25	-21.96	-48.69	-56.4	1.18	10.62	H
	10098	-55.90	-25	-30.90	-63.44	-66.44	1.38	11.91	H
	12636	-35.65	-25	-10.65	-46.8	-48.72	1.49	14.56	H
	15156	-44.72	-25	-19.72	-57.55	-57.32	1.73	14.33	H
	17676	-33.60	-25	-8.60	-51.45	-42.72	1.68	10.81	H
	5052	-41.21	-25	-16.21	-38.08	-52.56	0.95	12.30	V
	7578	-46.73	-25	-21.73	-48.25	-56.17	1.18	10.62	V
	10098	-55.27	-25	-30.27	-62.51	-65.81	1.38	11.91	V
	12636	-40.84	-25	-15.84	-50.72	-53.91	1.49	14.56	V
	15156	-48.39	-25	-23.39	-60.86	-60.99	1.73	14.33	V
17676	-29.73	-25	-4.73	-50.42	-38.85	1.68	10.81	V	
Highest	5100	-39.48	-25	-14.48	-36.37	-50.92	0.96	12.40	H
	7656	-48.87	-25	-23.87	-50.82	-58.52	1.18	10.84	H
	10206	-54.48	-25	-29.48	-61.99	-64.8	1.39	11.71	H
	12762	-41.06	-25	-16.06	-52.45	-53.92	1.47	14.33	H
	15300	-45.92	-25	-20.92	-59.31	-59.46	1.74	15.28	H
	17856	-35.41	-25	-10.41	-54.17	-43.47	1.63	9.69	H
	5100	-42.39	-25	-17.39	-39.45	-53.83	0.96	12.40	V
	7656	-45.99	-25	-20.99	-47.72	-55.64	1.18	10.84	V
	10206	-56.52	-25	-31.52	-63.78	-66.84	1.39	11.71	V
	12762	-42.41	-25	-17.41	-52.15	-55.27	1.47	14.33	V
	15300	-50.34	-25	-25.34	-63.27	-63.88	1.74	15.28	V
17856	-31.78	-25	-6.78	-54.43	-39.84	1.63	9.69	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	1400	-56.51	-13.00	-43.51	-67.62	-62.56	0.50	8.70	H
	2096	-42.58	-13.00	-29.58	-56.08	-50.32	0.59	10.48	H
	2800	-58.84	-13.00	-45.84	-73.25	-66.97	0.70	10.98	H
	3496	-58.30	-13.00	-45.30	-74.88	-67.96	0.78	12.59	H
	1400	-58.02	-13.00	-45.02	-69.19	-64.07	0.50	8.70	V
	2096	-50.27	-13.00	-37.27	-63.53	-58.01	0.59	10.48	V
	2800	-56.64	-13.00	-43.64	-71.47	-64.77	0.70	10.98	V
Middle	3496	-55.42	-13.00	-42.42	-72.97	-65.08	0.78	12.59	V
	1416	-56.06	-13.00	-43.06	-67.27	-62.20	0.50	8.80	H
	2120	-43.80	-13.00	-30.80	-57.58	-51.55	0.59	10.50	H
	2832	-58.06	-13.00	-45.06	-72.58	-66.20	0.71	11.00	H
	3536	-57.67	-13.00	-44.67	-74.14	-67.32	0.78	12.59	H
	1416	-57.49	-13.00	-44.49	-68.50	-63.63	0.50	8.80	V
	2120	-49.99	-13.00	-36.99	-63.59	-57.74	0.59	10.50	V
Highest	2832	-56.32	-13.00	-43.32	-71.16	-64.46	0.71	11.00	V
	3536	-55.21	-13.00	-42.21	-72.70	-64.86	0.78	12.59	V
	1432	-59.34	-13.00	-46.34	-70.72	-65.58	0.50	8.89	H
	2144	-42.55	-13.00	-29.55	-56.89	-50.32	0.59	10.52	H
	2856	-58.03	-13.00	-45.03	-72.60	-66.18	0.71	11.01	H
	3576	-58.28	-13.00	-45.28	-74.66	-67.92	0.78	12.57	H
	1432	-56.94	-13.00	-43.94	-67.86	-63.18	0.50	8.89	V
	2144	-49.44	-13.00	-36.44	-63.73	-57.21	0.59	10.52	V
2856	-55.87	-13.00	-42.87	-70.72	-64.02	0.71	11.01	V	
3576	-53.77	-13.00	-40.77	-71.21	-63.41	0.78	12.57	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	1400	-55.57	-13.00	-42.57	-66.68	-61.62	0.50	8.70	H
	2096	-42.88	-13.00	-29.88	-56.38	-50.62	0.59	10.48	H
	2800	-58.70	-13.00	-45.70	-73.11	-66.83	0.70	10.98	H
	3496	-58.17	-13.00	-45.17	-74.75	-67.83	0.78	12.59	H
	1400	-56.98	-13.00	-43.98	-68.15	-63.03	0.50	8.70	V
	2096	-50.03	-13.00	-37.03	-63.29	-57.77	0.59	10.48	V
	2800	-56.87	-13.00	-43.87	-71.70	-65.00	0.70	10.98	V
Middle	3496	-54.89	-13.00	-41.89	-72.44	-64.55	0.78	12.59	V
	1416	-55.32	-13.00	-42.32	-66.53	-61.46	0.50	8.80	H
	2120	-42.96	-13.00	-29.96	-56.74	-50.71	0.59	10.50	H
	2824	-58.62	-13.00	-45.62	-73.08	-66.76	0.71	10.99	H
	3528	-57.90	-13.00	-44.90	-74.37	-67.56	0.78	12.59	H
	1416	-57.59	-13.00	-44.59	-68.60	-63.73	0.50	8.80	V
	2120	-49.89	-13.00	-36.89	-63.49	-57.64	0.59	10.50	V
Highest	2824	-56.29	-13.00	-43.29	-71.13	-64.43	0.71	10.99	V
	3528	-53.58	-13.00	-40.58	-71.07	-63.24	0.78	12.59	V
	1424	-58.16	-13.00	-45.16	-69.54	-64.35	0.50	8.84	H
	2136	-43.90	-13.00	-30.90	-57.95	-51.67	0.59	10.51	H
	2856	-58.37	-13.00	-45.37	-72.94	-66.52	0.71	11.01	H
	3568	-58.77	-13.00	-45.77	-75.14	-68.41	0.78	12.57	H
	1424	-57.77	-13.00	-44.77	-68.69	-63.96	0.50	8.84	V
2136	-49.19	-13.00	-36.19	-63.13	-56.96	0.59	10.51	V	
2856	-57.46	-13.00	-44.46	-72.31	-65.61	0.71	11.01	V	
3568	-54.82	-13.00	-41.82	-72.25	-64.46	0.78	12.57	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	1400	-56.85	-13.00	-43.85	-67.90	-62.90	0.50	8.70	H
	2096	-43.46	-13.00	-30.46	-56.63	-51.20	0.59	10.48	H
	2800	-58.97	-13.00	-45.97	-72.93	-67.10	0.70	10.98	H
	3496	-57.84	-13.00	-44.84	-74.29	-67.50	0.78	12.59	H
	1400	-58.65	-13.00	-45.65	-69.44	-64.70	0.50	8.70	V
	2096	-50.56	-13.00	-37.56	-63.48	-58.30	0.59	10.48	V
	2800	-56.27	-13.00	-43.27	-70.28	-64.40	0.70	10.98	V
Middle	3496	-54.84	-13.00	-41.84	-72.31	-64.50	0.78	12.59	V
	1408	-55.70	-13.00	-42.70	-66.78	-61.80	0.50	8.75	H
	2120	-41.85	-13.00	-28.85	-55.71	-49.60	0.59	10.50	H
	2824	-59.96	-13.00	-46.96	-73.96	-68.10	0.71	10.99	H
	3528	-58.84	-13.00	-45.84	-74.65	-68.50	0.78	12.59	H
	1408	-57.10	-13.00	-44.10	-67.74	-63.20	0.50	8.75	V
	2120	-53.45	-13.00	-40.45	-66.52	-61.20	0.59	10.50	V
Highest	2824	-57.06	-13.00	-44.06	-71.75	-65.20	0.71	10.99	V
	3528	-54.44	-13.00	-41.44	-71.63	-64.10	0.78	12.59	V
	1424	-55.91	-13.00	-42.91	-66.89	-62.10	0.50	8.84	H
	2136	-46.53	-13.00	-33.53	-60.21	-54.30	0.59	10.51	H
	2848	-58.45	-13.00	-45.45	-72.70	-66.60	0.71	11.01	H
	3560	-58.56	-13.00	-45.56	-74.79	-68.20	0.78	12.58	H
	1424	-57.71	-13.00	-44.71	-68.44	-63.90	0.50	8.84	V
2136	-52.93	-13.00	-39.93	-66.49	-60.70	0.59	10.51	V	
2848	-56.15	-13.00	-43.15	-70.77	-64.30	0.71	11.01	V	
3560	-55.96	-13.00	-42.96	-73.42	-65.60	0.78	12.58	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	1400	-56.75	-13.00	-43.75	-67.38	-62.80	0.50	8.70	H
	2096	-43.06	-13.00	-30.06	-56.60	-50.80	0.59	10.48	H
	2800	-58.47	-13.00	-45.47	-72.84	-66.60	0.70	10.98	H
	3496	-58.04	-13.00	-45.04	-74.25	-67.70	0.78	12.59	H
	1400	-57.95	-13.00	-44.95	-68.71	-64.00	0.50	8.70	V
	2096	-53.36	-13.00	-40.36	-66.46	-61.10	0.59	10.48	V
	2800	-56.47	-13.00	-43.47	-70.87	-64.60	0.70	10.98	V
Middle	3496	-55.54	-13.00	-42.54	-72.64	-65.20	0.78	12.59	V
	1408	-57.80	-13.00	-44.80	-68.41	-63.90	0.50	8.75	H
	2112	-41.85	-13.00	-28.85	-54.99	-49.60	0.59	10.49	H
	2816	-60.07	-13.00	-47.07	-74.08	-68.20	0.71	10.99	H
	3512	-58.84	-13.00	-45.84	-75.26	-68.50	0.78	12.60	H
	1408	-57.90	-13.00	-44.90	-68.57	-64.00	0.50	8.75	V
	2112	-52.45	-13.00	-39.45	-65.78	-60.20	0.59	10.49	V
Highest	2816	-58.37	-13.00	-45.37	-72.66	-66.50	0.71	10.99	V
	3512	-55.04	-13.00	-42.04	-72.41	-64.70	0.78	12.60	V
	1416	-55.96	-13.00	-42.96	-66.42	-62.10	0.50	8.80	H
	2120	-43.85	-13.00	-30.85	-57.50	-51.60	0.59	10.50	H
	2824	-59.06	-13.00	-46.06	-73.42	-67.20	0.71	10.99	H
	3536	-58.75	-13.00	-45.75	-74.75	-68.40	0.78	12.59	H
	1416	-57.66	-13.00	-44.66	-68.04	-63.80	0.50	8.80	V
	2120	-53.45	-13.00	-40.45	-67.39	-61.20	0.59	10.50	V
2824	-56.56	-13.00	-43.56	-71.04	-64.70	0.71	10.99	V	
3536	-54.65	-13.00	-41.65	-71.73	-64.30	0.78	12.59	V	

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



IC LTE Band 12 / 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	1400	-54.36	-13.00	-41.36	-67.62	-62.56	0.50	8.70	H
	2096	-40.43	-13.00	-27.43	-56.08	-50.32	0.59	10.48	H
	2800	-56.69	-13.00	-43.69	-73.25	-66.97	0.70	10.98	H
	3496	-56.15	-13.00	-43.15	-74.88	-67.96	0.78	12.59	H
	1400	-55.87	-13.00	-42.87	-69.19	-64.07	0.50	8.70	V
	2096	-48.12	-13.00	-35.12	-63.53	-58.01	0.59	10.48	V
	2800	-54.49	-13.00	-41.49	-71.47	-64.77	0.70	10.98	V
Middle	3496	-53.27	-13.00	-40.27	-72.97	-65.08	0.78	12.59	V
	1416	-53.91	-13.00	-40.91	-67.27	-62.20	0.50	8.80	H
	2120	-41.65	-13.00	-28.65	-57.58	-51.55	0.59	10.50	H
	2832	-55.91	-13.00	-42.91	-72.58	-66.20	0.71	11.00	H
	3536	-55.52	-13.00	-42.52	-74.14	-67.32	0.78	12.59	H
	1416	-55.34	-13.00	-42.34	-68.50	-63.63	0.50	8.80	V
	2120	-47.84	-13.00	-34.84	-63.59	-57.74	0.59	10.50	V
Highest	2832	-54.17	-13.00	-41.17	-71.16	-64.46	0.71	11.00	V
	3536	-53.06	-13.00	-40.06	-72.70	-64.86	0.78	12.59	V
	1432	-57.19	-13.00	-44.19	-70.72	-65.58	0.50	8.89	H
	2144	-40.40	-13.00	-27.40	-56.89	-50.32	0.59	10.52	H
	2856	-55.88	-13.00	-42.88	-72.60	-66.18	0.71	11.01	H
	3576	-56.13	-13.00	-43.13	-74.66	-67.92	0.78	12.57	H
	1432.0	-54.79	-13.00	-41.79	-67.86	-63.18	0.50	8.89	V
	2144.0	-47.29	-13.00	-34.29	-63.73	-57.21	0.59	10.52	V
2856.0	-53.72	-13.00	-40.72	-70.72	-64.02	0.71	11.01	V	
3576.0	-51.62	-13.00	-38.62	-71.21	-63.41	0.78	12.57	V	

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



IC LTE Band 12 / 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	1400	-53.42	-13.00	-40.42	-66.68	-61.62	0.50	8.70	H
	2096	-40.73	-13.00	-27.73	-56.38	-50.62	0.59	10.48	H
	2800	-56.55	-13.00	-43.55	-73.11	-66.83	0.70	10.98	H
	3496	-56.02	-13.00	-43.02	-74.75	-67.83	0.78	12.59	H
	1400	-54.83	-13.00	-41.83	-68.15	-63.03	0.50	8.70	V
	2096	-47.88	-13.00	-34.88	-63.29	-57.77	0.59	10.48	V
	2800	-54.72	-13.00	-41.72	-71.70	-65.00	0.70	10.98	V
Middle	3496	-52.74	-13.00	-39.74	-72.44	-64.55	0.78	12.59	V
	1416	-53.17	-13.00	-40.17	-66.53	-61.46	0.50	8.80	H
	2120	-40.81	-13.00	-27.81	-56.74	-50.71	0.59	10.50	H
	2824	-56.47	-13.00	-43.47	-73.08	-66.76	0.71	10.99	H
	3528	-55.75	-13.00	-42.75	-74.37	-67.56	0.78	12.59	H
	1416	-55.44	-13.00	-42.44	-68.60	-63.73	0.50	8.80	V
	2120	-47.74	-13.00	-34.74	-63.49	-57.64	0.59	10.50	V
Highest	2824	-54.14	-13.00	-41.14	-71.13	-64.43	0.71	10.99	V
	3528	-51.43	-13.00	-38.43	-71.07	-63.24	0.78	12.59	V
	1424.0	-56.01	-13.00	-43.01	-69.54	-64.35	0.50	8.84	H
	2136.0	-41.75	-13.00	-28.75	-57.95	-51.67	0.59	10.51	H
	2856.0	-56.22	-13.00	-43.22	-72.94	-66.52	0.71	11.01	H
	3568.0	-56.62	-13.00	-43.62	-75.14	-68.41	0.78	12.57	H
	1424.0	-55.62	-13.00	-42.62	-68.69	-63.96	0.50	8.84	V
2136.0	-47.04	-13.00	-34.04	-63.13	-56.96	0.59	10.51	V	
2856.0	-55.31	-13.00	-42.31	-72.31	-65.61	0.71	11.01	V	
3568.0	-52.67	-13.00	-39.67	-72.25	-64.46	0.78	12.57	V	

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



IC LTE Band 12 / 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	1400	-54.70	-13.00	-41.70	-67.90	-62.90	0.50	8.70	H
	2096	-41.31	-13.00	-28.31	-56.63	-51.20	0.59	10.48	H
	2800	-56.82	-13.00	-43.82	-72.93	-67.10	0.70	10.98	H
	3496	-55.69	-13.00	-42.69	-74.29	-67.50	0.78	12.59	H
	1400	-56.50	-13.00	-43.50	-69.44	-64.70	0.50	8.70	V
	2096	-48.41	-13.00	-35.41	-63.48	-58.30	0.59	10.48	V
	2800	-54.12	-13.00	-41.12	-70.28	-64.40	0.70	10.98	V
Middle	3496	-52.69	-13.00	-39.69	-72.31	-64.50	0.78	12.59	V
	1408	-53.55	-13.00	-40.55	-66.78	-61.80	0.50	8.75	H
	2120	-39.70	-13.00	-26.70	-55.71	-49.60	0.59	10.50	H
	2824	-57.81	-13.00	-44.81	-73.96	-68.10	0.71	10.99	H
	3528	-56.69	-13.00	-43.69	-74.65	-68.50	0.78	12.59	H
	1408	-54.95	-13.00	-41.95	-67.74	-63.20	0.50	8.75	V
	2120	-51.30	-13.00	-38.30	-66.52	-61.20	0.59	10.50	V
Highest	2824	-54.91	-13.00	-41.91	-71.75	-65.20	0.71	10.99	V
	3528	-52.29	-13.00	-39.29	-71.63	-64.10	0.78	12.59	V
	1424	-53.76	-13.00	-40.76	-66.89	-62.10	0.50	8.84	H
	2136	-44.38	-13.00	-31.38	-60.21	-54.30	0.59	10.51	H
	2848	-56.30	-13.00	-43.30	-72.70	-66.60	0.71	11.01	H
	3560	-56.41	-13.00	-43.41	-74.79	-68.20	0.78	12.58	H
	1424	-55.56	-13.00	-42.56	-68.44	-63.90	0.50	8.84	V
2136	-50.78	-13.00	-37.78	-66.49	-60.70	0.59	10.51	V	
2848	-54.00	-13.00	-41.00	-70.77	-64.30	0.71	11.01	V	
3560	-53.81	-13.00	-40.81	-73.42	-65.60	0.78	12.58	V	

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



IC LTE Band 12 / 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	1400	-54.60	-13.00	-41.60	-67.38	-62.80	0.50	8.70	H
	2096	-40.91	-13.00	-27.91	-56.60	-50.80	0.59	10.48	H
	2800	-56.32	-13.00	-43.32	-72.84	-66.60	0.70	10.98	H
	3496	-55.89	-13.00	-42.89	-74.25	-67.70	0.78	12.59	H
	1400	-55.80	-13.00	-42.80	-68.71	-64.00	0.50	8.70	V
	2096	-51.21	-13.00	-38.21	-66.46	-61.10	0.59	10.48	V
	2800	-54.32	-13.00	-41.32	-70.87	-64.60	0.70	10.98	V
Middle	3496	-53.39	-13.00	-40.39	-72.64	-65.20	0.78	12.59	V
	1408	-55.65	-13.00	-42.65	-68.41	-63.90	0.50	8.75	H
	2112	-39.70	-13.00	-26.70	-54.99	-49.60	0.59	10.49	H
	2816	-57.92	-13.00	-44.92	-74.08	-68.20	0.71	10.99	H
	3512	-56.69	-13.00	-43.69	-75.26	-68.50	0.78	12.60	H
	1408	-55.75	-13.00	-42.75	-68.57	-64.00	0.50	8.75	V
	2112	-50.30	-13.00	-37.30	-65.78	-60.20	0.59	10.49	V
Highest	2816	-56.22	-13.00	-43.22	-72.66	-66.50	0.71	10.99	V
	3512	-52.89	-13.00	-39.89	-72.41	-64.70	0.78	12.60	V
	1416	-53.81	-13.00	-40.81	-66.42	-62.10	0.50	8.80	H
	2120	-41.70	-13.00	-28.70	-57.50	-51.60	0.59	10.50	H
	2824	-56.91	-13.00	-43.91	-73.42	-67.20	0.71	10.99	H
	3536	-56.60	-13.00	-43.60	-74.75	-68.40	0.78	12.59	H
	1416	-55.51	-13.00	-42.51	-68.04	-63.80	0.50	8.80	V
2120	-51.30	-13.00	-38.30	-67.39	-61.20	0.59	10.50	V	
2824	-54.41	-13.00	-41.41	-71.04	-64.70	0.71	10.99	V	
3536	-52.50	-13.00	-39.50	-71.73	-64.30	0.78	12.59	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	-57.12	-13	-44.12	-68.33	-63.22	0.50	8.75	H
	2112	-49.89	-13	-36.89	-63.68	-57.64	0.59	10.49	H
	2816	-58.41	-13	-45.41	-72.87	-66.54	0.71	10.99	H
	3520	-54.87	-13	-41.87	-71.40	-64.53	0.78	12.59	H
	1408	-54.15	-13	-41.15	-65.16	-60.25	0.50	8.75	V
	2112	-40.56	-13	-27.56	-54.17	-48.31	0.59	10.49	V
	2816	-57.79	-13	-44.79	-72.63	-65.92	0.71	10.99	V
Middle	3520	-53.34	-13	-40.34	-70.86	-63.00	0.78	12.59	V
	1416	-57.90	-13	-44.90	-69.11	-64.04	0.50	8.80	H
	2120	-51.71	-13	-38.71	-65.49	-59.46	0.59	10.50	H
	2832	-57.83	-13	-44.83	-72.35	-65.97	0.71	11.00	H
	3536	-55.84	-13	-42.84	-72.31	-65.49	0.78	12.59	H
	1416	-54.86	-13	-41.86	-65.87	-61.00	0.50	8.80	V
	2120	-43.90	-13	-30.90	-57.50	-51.65	0.59	10.50	V
Highest	2832	-56.51	-13	-43.51	-71.35	-64.65	0.71	11.00	V
	3536	-54.03	-13	-41.03	-71.52	-63.68	0.78	12.59	V
	1424	-57.37	-13	-44.37	-68.75	-63.56	0.50	8.84	H
	2136	-54.13	-13	-41.13	-68.18	-61.90	0.59	10.51	H
	2848	-57.37	-13	-44.37	-71.93	-65.52	0.71	11.01	H
	3560	-57.09	-13	-44.09	-73.51	-66.73	0.78	12.58	H
	1424	-55.09	-13	-42.09	-66.01	-61.28	0.50	8.84	V
2136	-44.58	-13	-31.58	-58.52	-52.35	0.59	10.51	V	
2848	-54.62	-13	-41.62	-69.46	-62.77	0.71	11.01	V	
3560	-54.28	-13	-41.28	-71.74	-63.92	0.78	12.58	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	1408	-57.32	-13	-44.32	-68.53	-63.42	0.50	8.75	H
	2112	-49.37	-13	-36.37	-63.16	-57.12	0.59	10.49	H
	2816	-57.19	-13	-44.19	-71.65	-65.32	0.71	10.99	H
	3520	-55.21	-13	-42.21	-71.74	-64.87	0.78	12.59	H
	1408	-53.78	-13	-40.78	-64.79	-59.88	0.50	8.75	V
	2112	-41.25	-13	-28.25	-54.86	-49.00	0.59	10.49	V
	2816	-57.10	-13	-44.10	-71.94	-65.23	0.71	10.99	V
Middle	3520	-53.71	-13	-40.71	-71.23	-63.37	0.78	12.59	V
	1408	-57.19	-13	-44.19	-68.40	-63.29	0.50	8.75	H
	2120	-50.18	-13	-37.18	-63.96	-57.93	0.59	10.50	H
	2824	-56.68	-13	-43.68	-71.14	-64.82	0.71	10.99	H
	3528	-54.64	-13	-41.64	-71.11	-64.30	0.78	12.59	H
	1408	-54.17	-13	-41.17	-65.18	-60.27	0.50	8.75	V
	2120	-41.47	-13	-28.47	-55.07	-49.22	0.59	10.50	V
Highest	2824	-56.59	-13	-43.59	-71.43	-64.73	0.71	10.99	V
	3528	-53.27	-13	-40.27	-70.76	-62.93	0.78	12.59	V
	1416	-57.25	-13	-44.25	-68.46	-63.39	0.50	8.80	H
	2120	-50.73	-13	-37.73	-64.51	-58.48	0.59	10.50	H
	2824	-56.68	-13	-43.68	-71.14	-64.82	0.71	10.99	H
	3536	-54.50	-13	-41.50	-70.97	-64.15	0.78	12.59	H
	1416	-54.34	-13	-41.34	-65.35	-60.48	0.50	8.80	V
	2120	-42.70	-13	-29.70	-56.30	-50.45	0.59	10.50	V
	2824	-55.01	-13	-42.01	-69.85	-63.15	0.71	10.99	V
	3536	-53.17	-13	-40.17	-70.66	-62.82	0.78	12.59	V

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



IC LTE Band 17 / 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	1408	-54.97	-13.00	-41.97	-68.33	-63.22	0.50	8.75	H
	2112	-47.74	-13.00	-34.74	-63.68	-57.64	0.59	10.49	H
	2816	-56.26	-13.00	-43.26	-72.87	-66.54	0.71	10.99	H
	3520	-52.72	-13.00	-39.72	-71.40	-64.53	0.78	12.59	H
	1408	-52.00	-13.00	-39.00	-65.16	-60.25	0.50	8.75	V
	2112	-38.41	-13.00	-25.41	-54.17	-48.31	0.59	10.49	V
	2816	-55.64	-13.00	-42.64	-72.63	-65.92	0.71	10.99	V
Middle	3520	-51.19	-13.00	-38.19	-70.86	-63.00	0.78	12.59	V
	1416	-55.75	-13	-42.75	-69.11	-64.04	0.50	8.80	H
	2120	-49.56	-13	-36.56	-65.49	-59.46	0.59	10.50	H
	2832	-55.68	-13	-42.68	-72.35	-65.97	0.71	11.00	H
	3536	-53.69	-13	-40.69	-72.31	-65.49	0.78	12.59	H
	1416	-52.71	-13	-39.71	-65.87	-61.00	0.50	8.80	V
	2120	-41.75	-13	-28.75	-57.50	-51.65	0.59	10.50	V
Highest	2832	-54.36	-13	-41.36	-71.35	-64.65	0.71	11.00	V
	3536	-51.88	-13	-38.88	-71.52	-63.68	0.78	12.59	V
	1424	-55.22	-13	-42.22	-68.75	-63.56	0.50	8.84	H
	2136	-51.98	-13	-38.98	-68.18	-61.90	0.59	10.51	H
	2848	-55.22	-13	-42.22	-71.93	-65.52	0.71	11.01	H
	3560	-54.94	-13	-41.94	-73.51	-66.73	0.78	12.58	H
	1424	-52.94	-13	-39.94	-66.01	-61.28	0.50	8.84	V
	2136	-42.43	-13	-29.43	-58.52	-52.35	0.59	10.51	V
2848	-52.47	-13	-39.47	-69.46	-62.77	0.71	11.01	V	
3560	-52.13	-13	-39.13	-71.74	-63.92	0.78	12.58	V	

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



IC LTE Band 17 / 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	1408	-55.17	-13	-42.17	-68.53	-63.42	0.50	8.75	H
	2112	-47.22	-13	-34.22	-63.16	-57.12	0.59	10.49	H
	2816	-55.04	-13	-42.04	-71.65	-65.32	0.71	10.99	H
	3520	-53.06	-13	-40.06	-71.74	-64.87	0.78	12.59	H
	1408	-51.63	-13	-38.63	-64.79	-59.88	0.50	8.75	V
	2112	-39.10	-13	-26.10	-54.86	-49.00	0.59	10.49	V
	2816	-54.95	-13	-41.95	-71.94	-65.23	0.71	10.99	V
Middle	3520	-51.56	-13	-38.56	-71.23	-63.37	0.78	12.59	V
	1408	-55.04	-13	-42.04	-68.40	-63.29	0.50	8.75	H
	2120	-48.03	-13	-35.03	-63.96	-57.93	0.59	10.50	H
	2824	-54.53	-13	-41.53	-71.14	-64.82	0.71	10.99	H
	3528	-52.49	-13	-39.49	-71.11	-64.30	0.78	12.59	H
	1408	-52.02	-13	-39.02	-65.18	-60.27	0.50	8.75	V
	2120	-39.32	-13	-26.32	-55.07	-49.22	0.59	10.50	V
Highest	2824	-54.44	-13	-41.44	-71.43	-64.73	0.71	10.99	V
	3528	-51.12	-13	-38.12	-70.76	-62.93	0.78	12.59	V
	1416	-55.10	-13	-42.10	-68.46	-63.39	0.50	8.80	H
	2120	-48.58	-13	-35.58	-64.51	-58.48	0.59	10.50	H
	2824	-54.53	-13	-41.53	-71.14	-64.82	0.71	10.99	H
	3536	-52.35	-13	-39.35	-70.97	-64.15	0.78	12.59	H
	1416	-52.19	-13	-39.19	-65.35	-60.48	0.50	8.80	V
2120	-40.55	-13	-27.55	-56.30	-50.45	0.59	10.50	V	
2824	-52.86	-13	-39.86	-69.85	-63.15	0.71	10.99	V	
3536	-51.02	-13	-38.02	-70.66	-62.82	0.78	12.59	V	

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