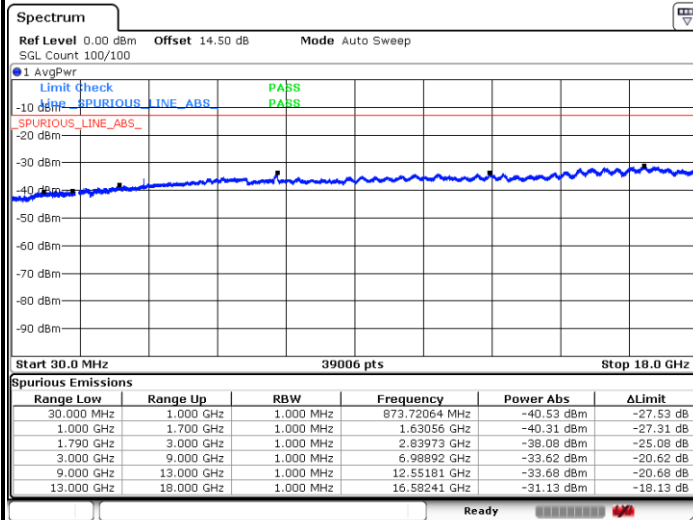




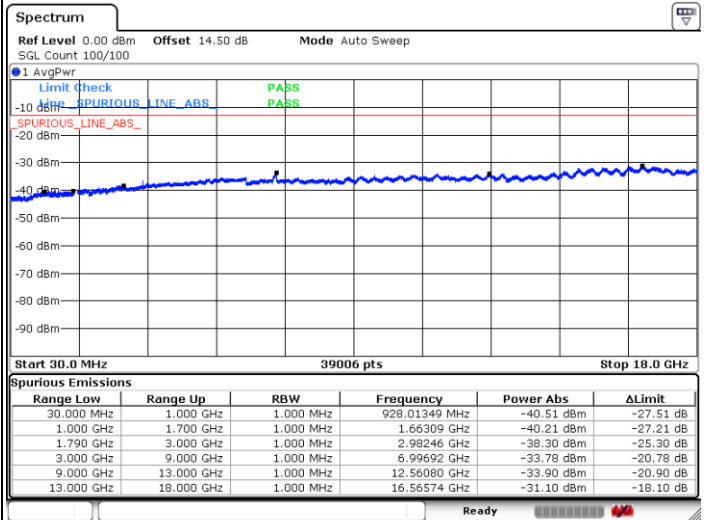
LTE Band 66 / 3MHz

Middle Channel / QPSK



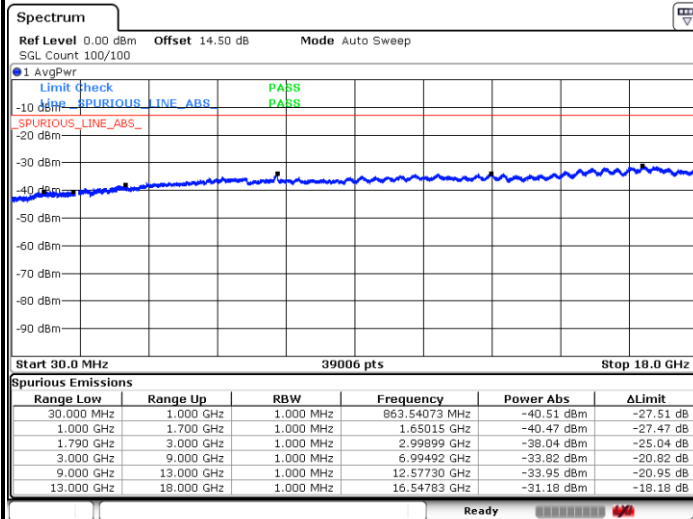
Date: 8 JUN. 2018 14:31:43

Middle Channel / 16QAM



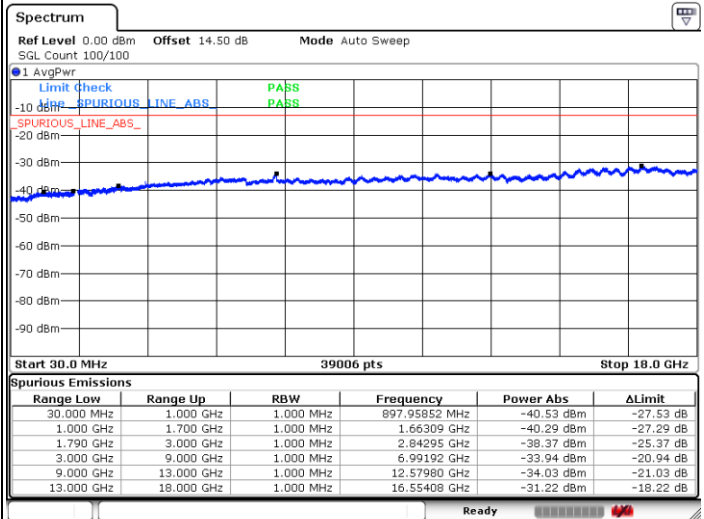
Date: 8 JUN. 2018 14:32:25

Highest Channel / QPSK



Date: 8 JUN. 2018 14:34:42

Highest Channel / 16QAM

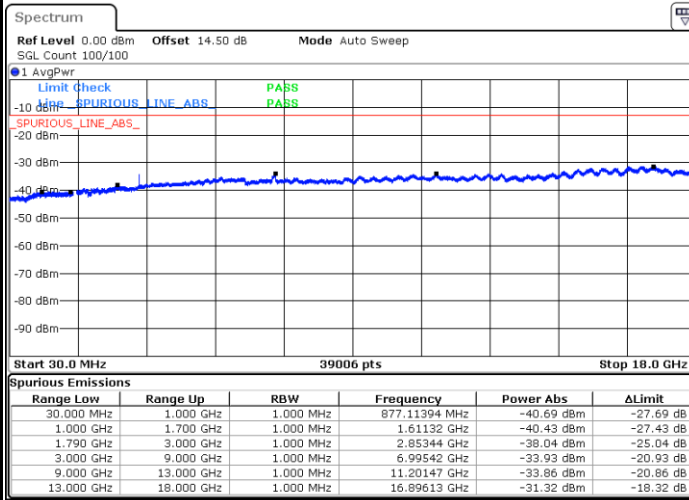


Date: 8 JUN. 2018 14:33:41



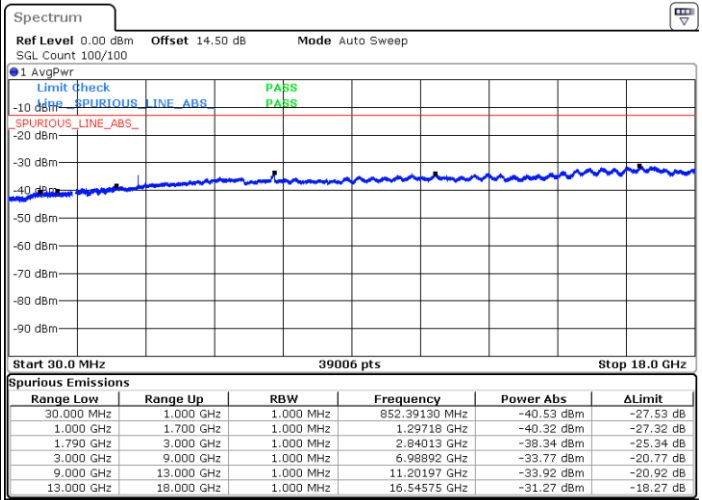
LTE Band 66 / 5MHz

Lowest Channel / QPSK



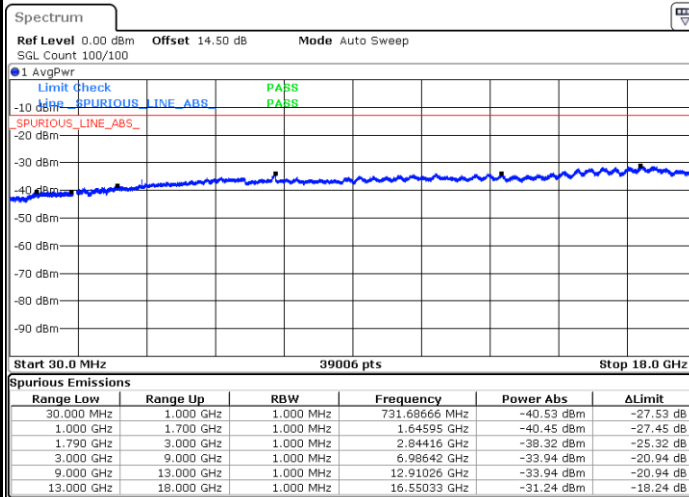
Date: 8 JUN. 2018 16:31:02

Lowest Channel / 16QAM



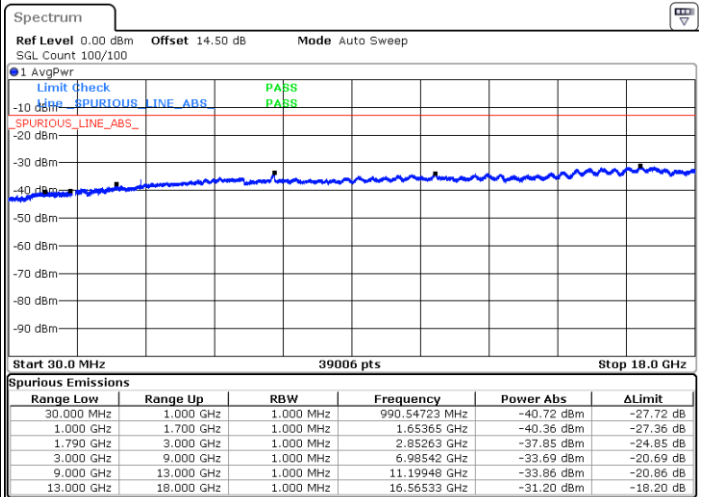
Date: 8 JUN. 2018 16:32:18

Middle Channel / QPSK



Date: 8 JUN. 2018 16:34:25

Middle Channel / 16QAM

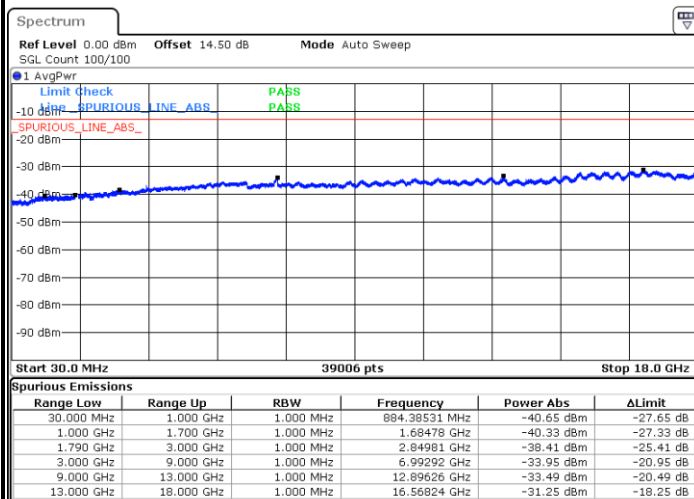


Date: 8 JUN. 2018 16:33:38



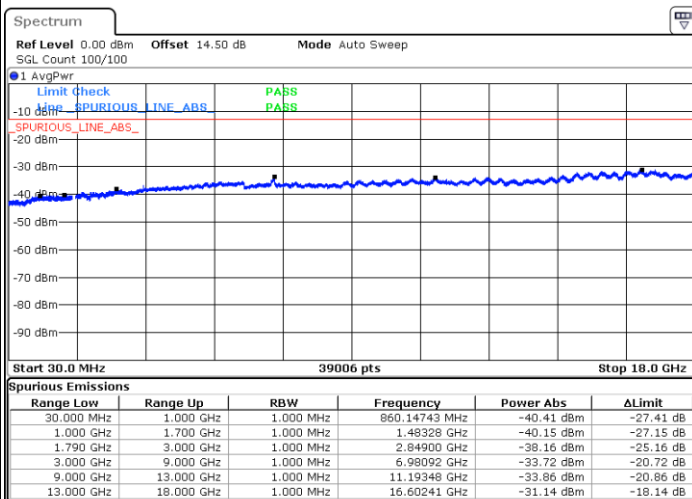
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 8 JUN. 2018 16:35:18

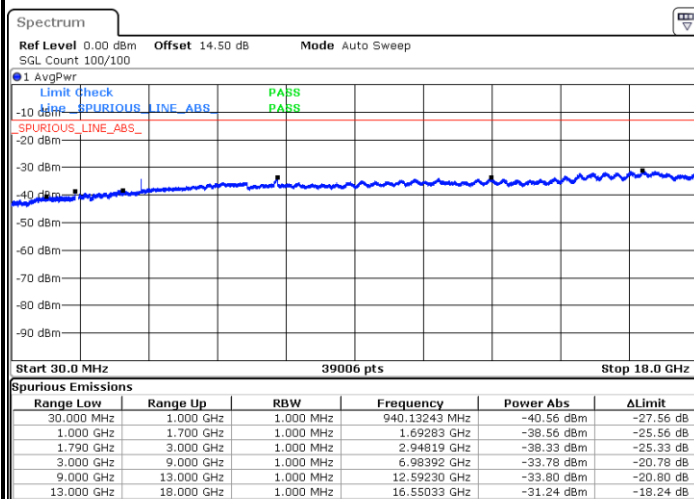
Highest Channel / 16QAM



Date: 8 JUN. 2018 16:36:33

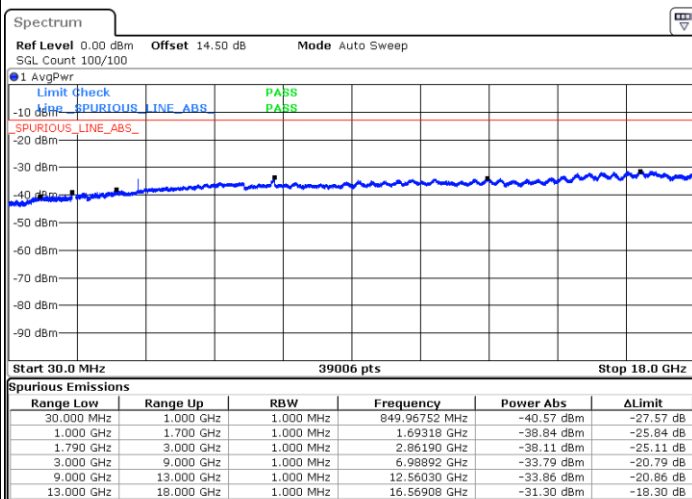
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 8 JUN. 2018 16:02:59

Lowest Channel / 16QAM

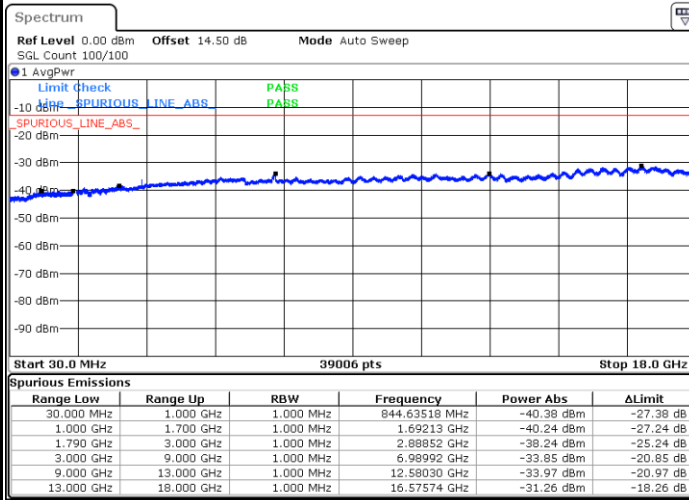


Date: 8 JUN. 2018 16:02:08



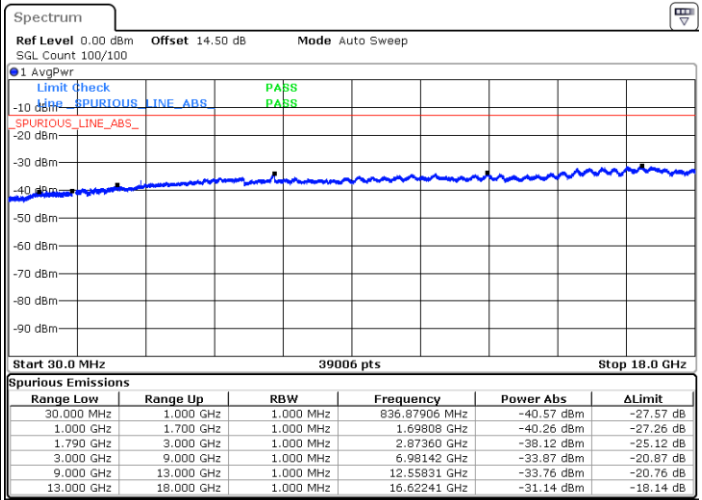
LTE Band 66 / 10MHz

Middle Channel / QPSK



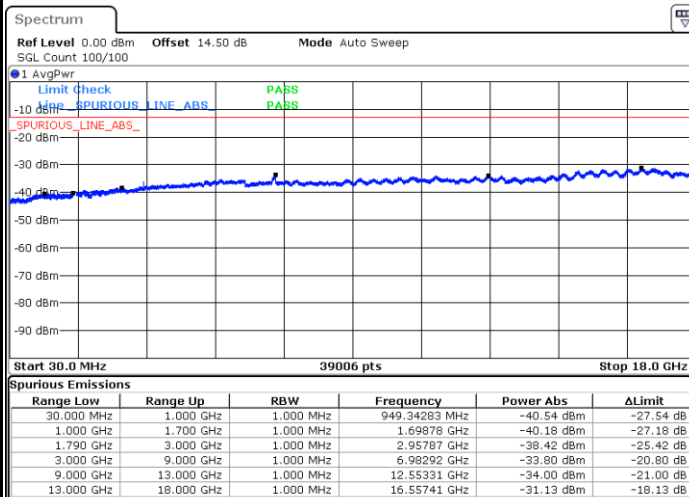
Date: 8 JUN. 2018 16:04:20

Middle Channel / 16QAM



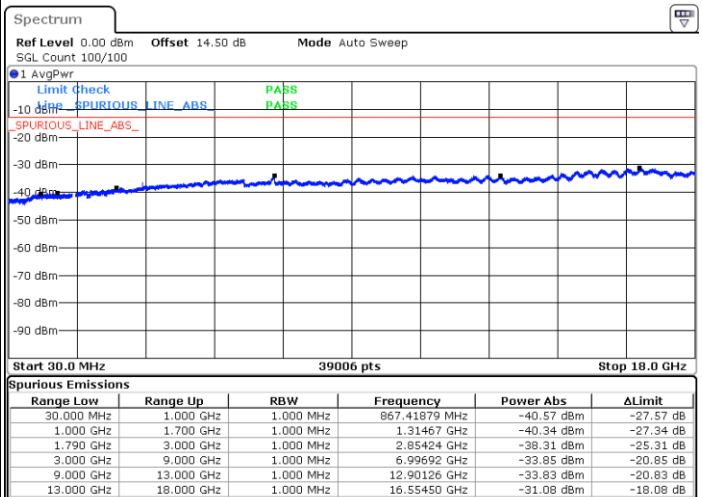
Date: 8 JUN. 2018 16:05:05

Highest Channel / QPSK



Date: 8 JUN. 2018 16:10:09

Highest Channel / 16QAM

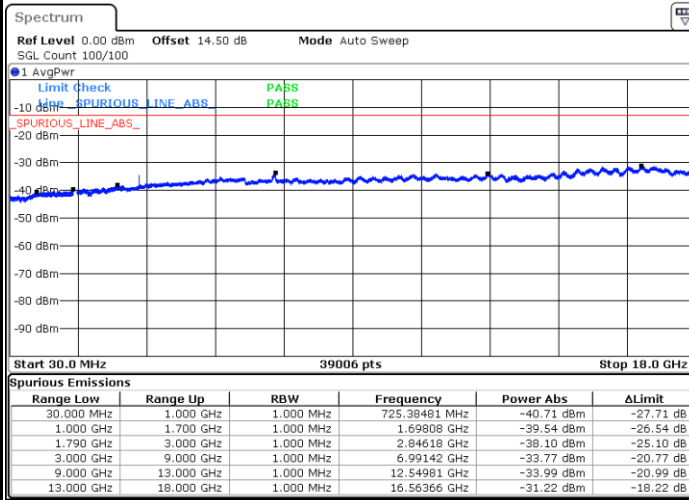


Date: 8 JUN. 2018 16:08:35



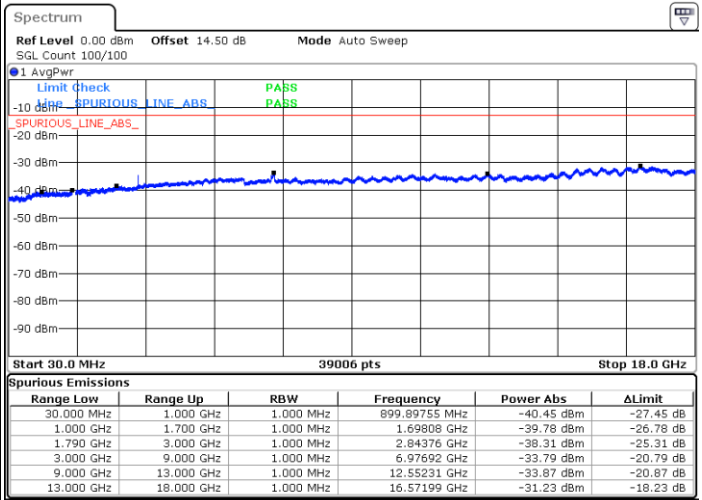
LTE Band 66 / 15MHz

Lowest Channel / QPSK



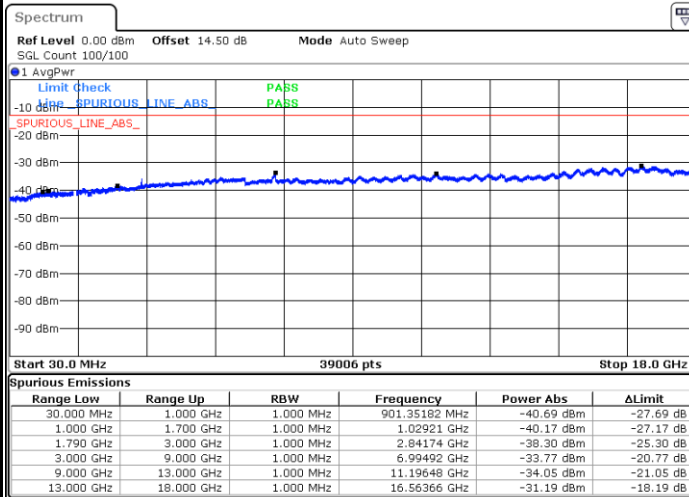
Date: 8 JUN. 2018 15:51:44

Lowest Channel / 16QAM



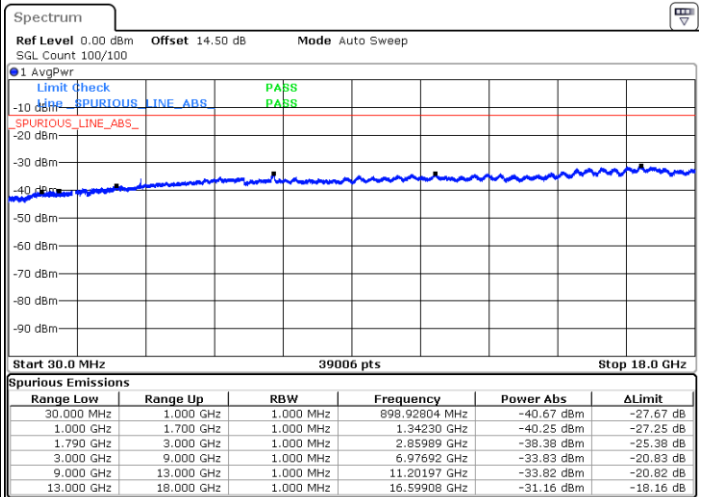
Date: 8 JUN. 2018 15:50:50

Middle Channel / QPSK



Date: 8 JUN. 2018 15:56:28

Middle Channel / 16QAM

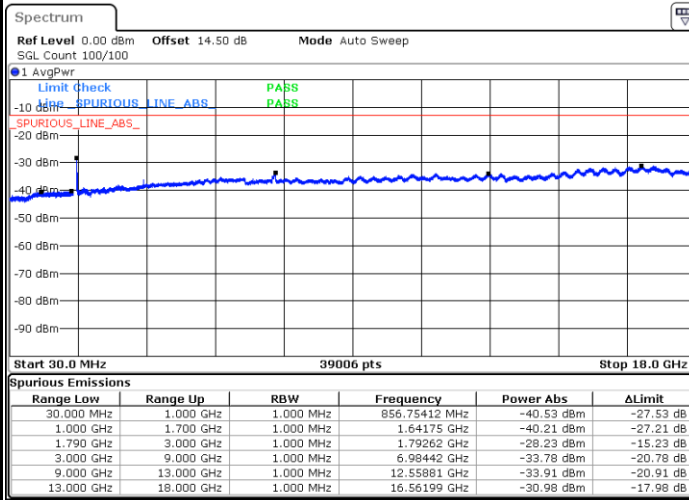


Date: 8 JUN. 2018 15:55:22



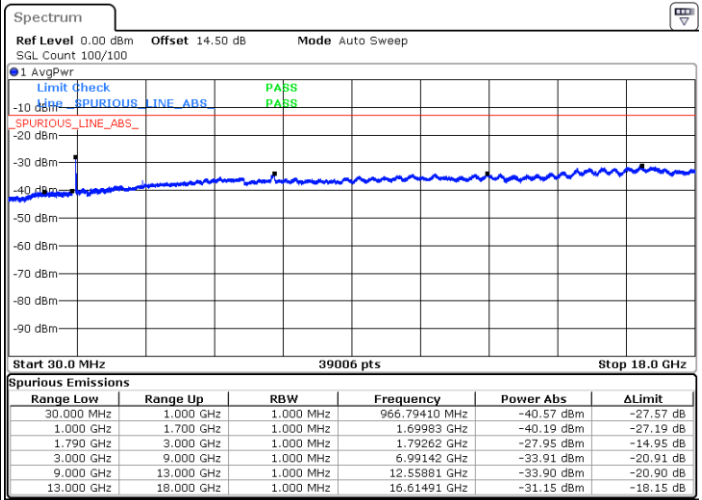
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 8.JUN.2018 15:57:42

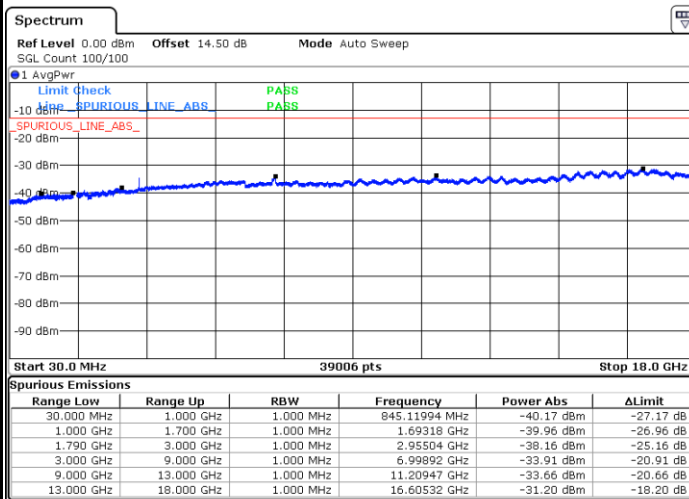
Highest Channel / 16QAM



Date: 8.JUN.2018 15:58:25

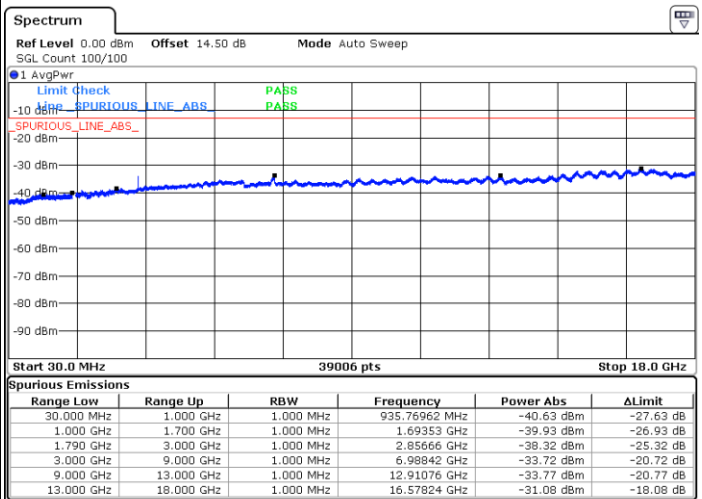
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 8.JUN.2018 14:39:46

Lowest Channel / 16QAM

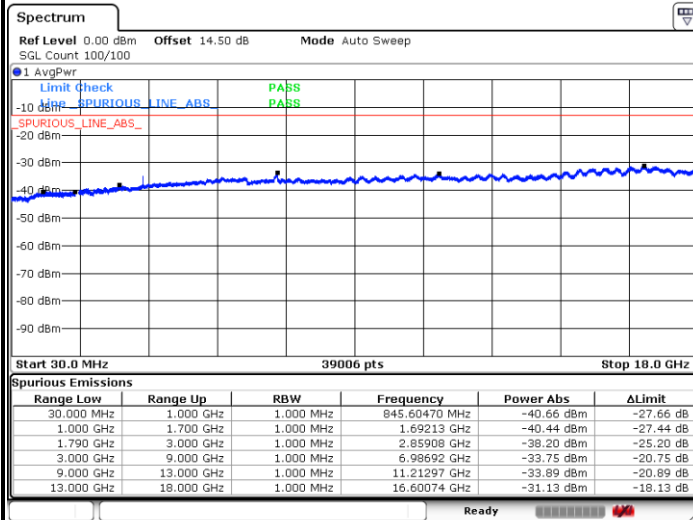


Date: 8.JUN.2018 14:45:14



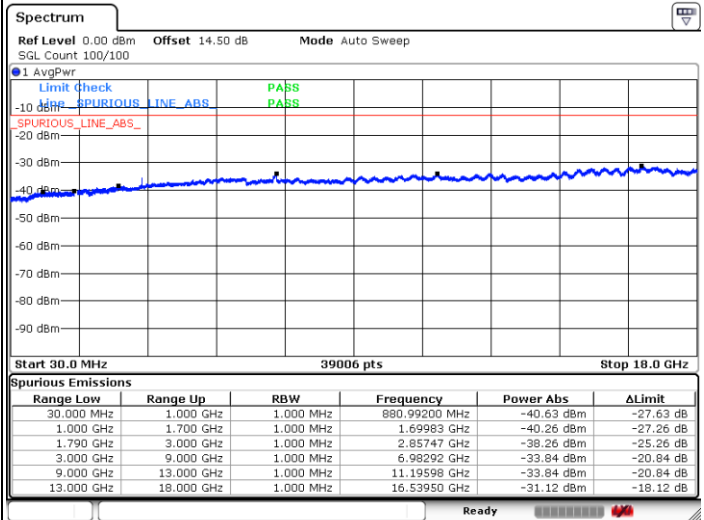
LTE Band 66 / 20MHz

Middle Channel / QPSK



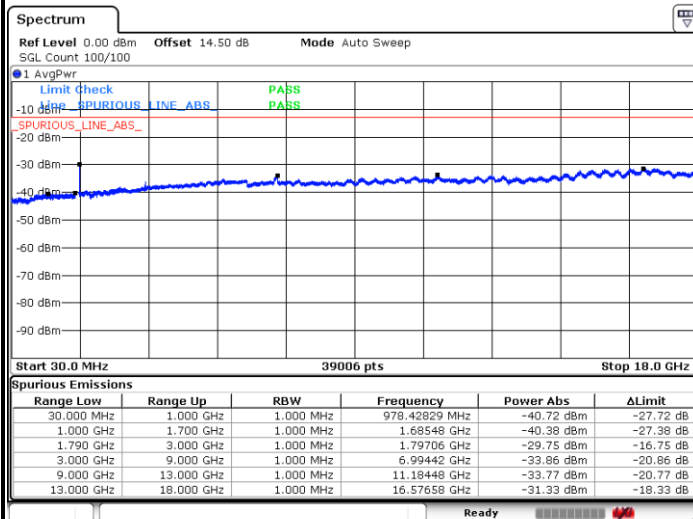
Date: 8.JUN.2018 14:50:18

Middle Channel / 16QAM



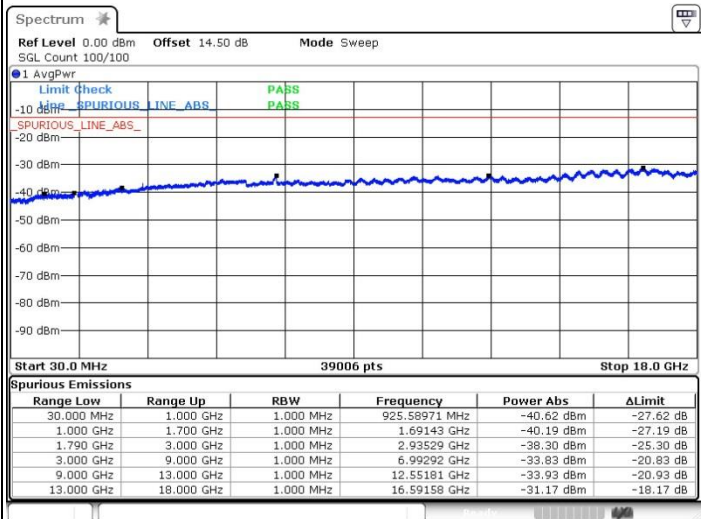
Date: 8.JUN.2018 14:48:57

Highest Channel / QPSK



Date: 8.JUN.2018 14:55:34

Highest Channel / 16QAM



Date: 8.JUN.2018 15:46:38

**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	0.0003	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0151	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0013	

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	0.0011	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0005	

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 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0007	

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	0.0109	PASS
40	Normal Voltage	0.0103	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0088	
0	Normal Voltage	0.0103	
-10	Normal Voltage	0.0109	
-20	Normal Voltage	0.0100	
-30	Normal Voltage	0.0109	
20	Maximum Voltage	0.0089	
20	Normal Voltage	0.0042	
20	Battery End Point	0.0062	

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 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0000	

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 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0005	
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	0.0003	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0016	

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 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0052	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0070	
0	Normal Voltage	0.0061	
-10	Normal Voltage	0.0070	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0035	

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.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.92	-52.48	-13	-39.48	-66.10	-60.08	5.00	12.60	H
	5638.38	-41.82	-13	-28.82	-58.42	-47.62	7.30	13.10	H
	7517.84	-47.72	-13	-34.72	-67.70	-51.29	7.73	11.30	H
	3758.92	-54.50	-13	-41.50	-68.83	-62.10	5.00	12.60	V
	5638.38	-41.79	-13	-28.79	-58.32	-47.59	7.30	13.10	V
	7517.84	-53.23	-13	-40.23	-72.87	-56.80	7.73	11.30	V

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

LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3757.48	-52.54	-13	-39.54	-66.16	-60.14	5.00	12.60	H
	5636.22	-42.03	-13	-29.03	-58.63	-47.83	7.30	13.10	H
	7514.96	-47.62	-13	-34.62	-67.60	-51.19	7.73	11.30	H
	3757.48	-53.85	-13	-40.85	-68.18	-61.45	5.00	12.60	V
	5636.22	-42.32	-13	-29.32	-58.85	-48.12	7.30	13.10	V
	7514.96	-53.37	-13	-40.37	-73.01	-56.94	7.73	11.30	V

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



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3755.68	-54.05	-13	-41.05	-67.67	-61.65	5.00	12.60	H
	5633.52	-43.57	-13	-30.57	-60.17	-49.37	7.30	13.10	H
	7511.36	-48.57	-13	-35.57	-68.55	-52.14	7.73	11.30	H
	3755.68	-54.86	-13	-41.86	-69.19	-62.46	5.00	12.60	V
	5633.52	-43.42	-13	-30.42	-59.95	-49.22	7.30	13.10	V
	7511.36	-53.70	-13	-40.70	-73.34	-57.27	7.73	11.30	V

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

LTE Band 2 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3751.18	-53.87	-13	-40.87	-67.49	-61.47	5.00	12.60	H
	5626.77	-44.22	-13	-31.22	-60.82	-50.02	7.30	13.10	H
	7502.00	-48.23	-13	-35.23	-68.21	-51.80	7.73	11.30	H
	3751.18	-55.53	-13	-42.53	-69.86	-63.13	5.00	12.60	V
	5626.77	-45.06	-13	-32.06	-61.59	-50.86	7.30	13.10	V
	7502.00	-54.49	-13	-41.49	-74.13	-58.06	7.73	11.30	V

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



LTE Band 2 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3746.68	-54.62	-13	-41.62	-68.24	-62.22	5.00	12.60	H
	5620.02	-43.83	-13	-30.83	-60.43	-49.63	7.30	13.10	H
	7493.36	-49.95	-13	-36.95	-69.93	-53.52	7.73	11.30	H
	3746.68	-55.78	-13	-42.78	-70.11	-63.38	5.00	12.60	V
	5620.02	-46.40	-13	-33.40	-62.93	-52.20	7.30	13.10	V
	7493.36	-55.21	-13	-42.21	-74.85	-58.78	7.73	11.30	V

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

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-53.74	-13	-40.74	-67.36	-61.34	5.00	12.60	H
	5613.27	-43.86	-13	-30.86	-60.46	-49.66	7.30	13.10	H
	7484.36	-49.94	-13	-36.94	-69.92	-53.51	7.73	11.30	H
	3742.18	-55.67	-13	-42.67	-70	-63.27	5.00	12.60	V
	5613.27	-47.57	-13	-34.57	-64.1	-53.37	7.30	13.10	V
	7484.36	-56.44	-13	-43.44	-76.08	-60.01	7.73	11.30	V

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



LTE Band 4 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-45.71	-13	-32.71	-59.41	-53.65	4.66	12.60	H
	5193.72	-42.24	-13	-29.24	-60.17	-48.63	6.31	12.70	H
	6924.96	-50.20	-13	-37.20	-69.82	-54.85	8.35	13.00	H
	3462.48	-49.73	-13	-36.73	-61.14	-57.67	4.66	12.60	V
	5193.72	-56.36	-13	-43.36	-69.97	-62.75	6.31	12.70	V
	6924.96	-57.83	-13	-44.83	-76.95	-62.48	8.35	13.00	V

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

LTE Band 4 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-46.37	-13	-33.37	-60.07	-54.31	4.66	12.60	H
	5193.72	-41.84	-13	-28.84	-59.77	-48.23	6.31	12.70	H
	6924.96	-50.65	-13	-37.65	-70.27	-55.30	8.35	13.00	H
	3462.48	-50.70	-13	-37.70	-62.11	-58.64	4.66	12.60	V
	5193.72	-55.76	-13	-42.76	-69.37	-62.15	6.31	12.70	V
	6924.96	-58.28	-13	-45.28	-77.4	-62.93	8.35	13.00	V

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



LTE Band 4 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3460.68	-46.36	-13	-33.36	-60.06	-54.30	4.66	12.60	H
	5191.02	-44.00	-13	-31.00	-61.93	-50.39	6.31	12.70	H
	6921.36	-51.85	-13	-38.85	-71.47	-56.50	8.35	13.00	H
	3460.68	-50.19	-13	-37.19	-61.6	-58.13	4.66	12.60	V
	5191.02	-58.00	-13	-45.00	-71.61	-64.39	6.31	12.70	V
	6921.36	-57.87	-13	-44.87	-76.99	-62.52	8.35	13.00	V

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

LTE Band 4 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-44.77	-13	-31.77	-58.47	-52.71	4.66	12.60	H
	5184.27	-43.92	-13	-30.92	-61.85	-50.31	6.31	12.70	H
	6912.36	-52.68	-13	-39.68	-72.30	-57.33	8.35	13.00	H
	3456.18	-50.19	-13	-37.19	-61.6	-58.13	4.66	12.60	V
	5184.27	-58.47	-13	-45.47	-72.08	-64.86	6.31	12.70	V
	6912.36	-57.39	-13	-44.39	-76.51	-62.04	8.35	13.00	V

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



LTE Band 4 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-44.68	-13	-31.68	-58.38	-52.62	4.66	12.60	H
	5177.52	-44.26	-13	-31.26	-62.19	-50.65	6.31	12.70	H
	6903.36	-52.80	-13	-39.80	-72.42	-57.45	8.35	13.00	H
	3451.68	-50.89	-13	-37.89	-62.3	-58.83	4.66	12.60	V
	5177.52	-57.36	-13	-44.36	-70.97	-63.75	6.31	12.70	V
	6903.36	-56.55	-13	-43.55	-75.67	-61.20	8.35	13.00	V

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

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-43.63	-13	-30.63	-57.33	-51.57	4.66	12.60	H
	5170.77	-43.77	-13	-30.77	-61.70	-50.16	6.31	12.70	H
	6894.36	-52.37	-13	-39.37	-71.99	-57.02	8.35	13.00	H
	3447.18	-50.52	-13	-37.52	-61.93	-58.46	4.66	12.60	V
	5170.77	-56.08	-13	-43.08	-69.69	-62.47	6.31	12.70	V
	6894.36	-57.74	-13	-44.74	-76.86	-62.39	8.35	13.00	V

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



LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1671.74	-72.57	-13	-59.57	-78.13	-76.96	2.86	9.40	H
	2507.61	-67.15	-13	-54.15	-77.57	-71.86	3.74	10.60	H
	3343.48	-65.99	-13	-52.99	-80.75	-71.99	4.45	12.60	H
	1671.74	-73.37	-13	-60.37	-78.08	-77.76	2.86	9.40	V
	2507.61	-69.36	-13	-56.36	-79.19	-74.07	3.74	10.60	V
	3343.48	-67.04	-13	-54.04	-80.61	-73.04	4.45	12.60	V

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

LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.3	-72.47	-13	-59.47	-78.03	-76.86	2.86	9.40	H
	2505.45	-63.22	-13	-50.22	-73.64	-67.93	3.74	10.60	H
	3340.6	-65.95	-13	-52.95	-80.71	-71.95	4.45	12.60	H
	1670.3	-73.24	-13	-60.24	-77.95	-77.63	2.86	9.40	V
	2505.45	-67.11	-13	-54.11	-76.94	-71.82	3.74	10.60	V
	3340.6	-67.01	-13	-54.01	-80.58	-73.01	4.45	12.60	V

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



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.5	-72.43	-13	-59.43	-77.99	-76.82	2.86	9.40	H
	2502.75	-63.37	-13	-50.37	-73.79	-68.08	3.74	10.60	H
	3337	-65.84	-13	-52.84	-80.60	-71.84	4.45	12.60	H
	1668.5	-73.16	-13	-60.16	-77.87	-77.55	2.86	9.40	V
	2502.75	-68.51	-13	-55.51	-78.34	-73.22	3.74	10.60	V
	3337	-66.94	-13	-53.94	-80.51	-72.94	4.45	12.60	V

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

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-72.48	-13	-59.48	-78.04	-76.87	2.86	9.40	H
	2496	-66.76	-13	-53.76	-77.18	-71.47	3.74	10.60	H
	3328	-65.88	-13	-52.88	-80.64	-71.88	4.45	12.60	H
	1664	-73.23	-13	-60.23	-77.94	-77.62	2.86	9.40	V
	2496	-68.67	-13	-55.67	-78.50	-73.38	3.74	10.60	V
	3328	-66.97	-13	-53.97	-80.54	-72.97	4.45	12.60	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)
Middle	5065.68	-41.80	-25	-16.80	-58.87	-48.60	6.30	13.10	H
	7598.52	-35.22	-25	-10.22	-56.09	-38.73	7.79	11.30	H
	10131.36	-53.31	-25	-28.31	-79.41	-56.90	8.51	12.10	H
	5065.68	-48.44	-25	-23.44	-65.18	-55.24	6.30	13.10	V
	7598.52	-39.68	-25	-14.68	-60.22	-43.19	7.79	11.30	V
	10131.36	-57.10	-25	-32.10	-81.39	-60.69	8.51	12.10	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)
Middle	5061.18	-43.04	-25	-18.04	-60.11	-49.84	6.30	13.10	H
	7591.77	-33.71	-25	-8.71	-54.64	-37.22	7.79	11.30	H
	10122.36	-52.61	-25	-27.61	-78.71	-56.20	8.51	12.10	H
	5061.18	-52.11	-25	-27.11	-68.85	-58.91	6.30	13.10	V
	7591.77	-40.59	-25	-15.59	-61.13	-44.10	7.79	11.30	V
	10122.36	-56.88	-25	-31.88	-81.17	-60.47	8.51	12.10	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)
Middle	5056.68	-44.56	-25	-19.56	-61.63	-51.36	6.30	13.10	H
	7585.02	-33.61	-25	-8.61	-54.56	-37.12	7.79	11.30	H
	10113.36	-55.60	-25	-30.60	-81.70	-59.19	8.51	12.10	H
	5056.68	-50.94	-25	-25.94	-67.68	-57.74	6.30	13.10	V
	7585.02	-39.46	-25	-14.46	-60.00	-42.97	7.79	11.30	V
	10113.36	-57.15	-25	-32.15	-81.44	-60.74	8.51	12.10	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)
Middle	5052.18	-43.64	-25	-18.64	-60.71	-50.44	6.30	13.10	H
	7578.27	-34.13	-25	-9.13	-55.00	-37.64	7.79	11.30	H
	10104.36	-53.35	-25	-28.35	-79.45	-56.94	8.51	12.10	H
	5052.18	-49.90	-25	-24.90	-66.64	-56.70	6.30	13.10	V
	7578.27	-37.52	-25	-12.52	-58.06	-41.03	7.79	11.30	V
	10104.36	-57.29	-25	-32.29	-81.58	-60.88	8.51	12.10	V

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

LTE Band 7 / 15MHz / QPSK for wireless charging									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5056.7	-45.32	-25	-20.32	-62.39	-52.17	6.25	13.10	H
	7585.0	-37.26	-25	-12.26	-58.13	-40.83	7.73	11.30	H
	10113.4	-53.98	-25	-28.98	-80.08	-57.64	8.44	12.10	H
	5056.7	-48.19	-25	-23.19	-64.93	-55.04	6.25	13.10	V
	7585.0	-39.37	-25	-14.37	-59.91	-42.94	7.73	11.30	V
	10113.4	-55.79	-25	-30.79	-80.08	-59.45	8.44	12.10	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)
Middle	1413.74	-71.39	-13	-58.39	-76.95	-75.78	2.86	9.40	H
	2120.61	-65.88	-13	-52.88	-76.30	-70.61	3.72	10.60	H
	2827.48	-64.09	-13	-51.09	-78.85	-70.15	4.39	12.60	H
	1413.74	-72.55	-13	-59.55	-77.26	-76.94	2.86	9.40	V
	2120.61	-67.67	-13	-54.67	-77.50	-72.40	3.72	10.60	V
	2827.48	-65.24	-13	-52.24	-78.81	-71.30	4.39	12.60	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)
Middle	1412.3	-71.50	-13	-58.50	-77.06	-75.89	2.86	9.40	H
	2118.45	-64.31	-13	-51.31	-74.73	-69.04	3.72	10.60	H
	2824.6	-64.03	-13	-51.03	-78.79	-70.09	4.39	12.60	H
	1412.3	-72.70	-13	-59.70	-77.41	-77.09	2.86	9.40	V
	2118.45	-68.08	-13	-55.08	-77.91	-72.81	3.72	10.60	V
	2824.6	-65.24	-13	-52.24	-78.81	-71.30	4.39	12.60	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)
Middle	1410.5	-71.87	-13	-58.87	-77.43	-76.26	2.86	9.40	H
	2115.75	-64.93	-13	-51.93	-75.35	-69.66	3.72	10.60	H
	2821	-63.99	-13	-50.99	-78.75	-70.05	4.39	12.60	H
	1410.5	-72.64	-13	-59.64	-77.35	-77.03	2.86	9.40	V
	2115.75	-68.26	-13	-55.26	-78.09	-72.99	3.72	10.60	V
	2821	-65.18	-13	-52.18	-78.75	-71.24	4.39	12.60	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)
Middle	1406	-71.76	-13	-58.76	-77.32	-76.15	2.86	9.40	H
	2109	-62.98	-13	-49.98	-73.40	-67.71	3.72	10.60	H
	2812	-64.00	-13	-51.00	-78.76	-70.06	4.39	12.60	H
	1406	-72.54	-13	-59.54	-77.25	-76.93	2.86	9.40	V
	2109	-65.74	-13	-52.74	-75.57	-70.47	3.72	10.60	V
	2812	-65.24	-13	-52.24	-78.81	-71.30	4.39	12.60	V

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



LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-70.88	-40	-30.88	-78.59	-79.72	0.56	9.40	H
	2339.25	-68.91	-13	-55.91	-79.33	-76.62	0.74	10.60	H
	3119	-65.38	-13	-52.38	-80.14	-74.98	0.85	12.60	H
	1559.5	-71.64	-40	-31.64	-78.50	-80.48	0.56	9.40	V
	2339.25	-69.49	-13	-56.49	-79.32	-77.20	0.74	10.60	V
	3119	-66.74	-13	-53.74	-80.31	-76.34	0.85	12.60	V

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

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-70.72	-40	-30.72	-78.43	-79.56	0.56	9.40	H
	2340	-68.25	-13	-55.25	-78.67	-75.96	0.74	10.60	H
	3120	-65.43	-13	-52.43	-80.19	-75.03	0.85	12.60	H
	1560	-71.69	-40	-31.69	-78.55	-80.53	0.56	9.40	V
	2340	-67.70	-13	-54.70	-77.53	-75.41	0.74	10.60	V
	3120	-66.66	-13	-53.66	-80.23	-76.26	0.85	12.60	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)
Middle	1415.68	-71.76	-13	-58.76	-77.32	-76.17	2.84	9.40	H
	2123.58	-67.07	-13	-54.07	-77.49	-71.82	3.7	10.60	H
	2831.36	-64.31	-13	-51.31	-79.07	-70.39	4.37	12.60	H
	1415.68	-72.54	-13	-59.54	-77.25	-76.95	2.84	9.40	V
	2123.58	-67.93	-13	-54.93	-77.76	-72.68	3.70	10.60	V
	2831.36	-65.40	-13	-52.40	-78.97	-71.48	4.37	12.60	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)
Middle	1411.18	-71.96	-13	-58.96	-77.52	-76.37	2.84	9.40	H
	2116.77	-68.06	-13	-55.06	-78.48	-72.81	3.7	10.60	H
	2822.36	-64.26	-13	-51.26	-79.02	-70.34	4.37	12.60	H
	1411.18	-72.73	-13	-59.73	-77.44	-77.14	2.84	9.40	V
	2116.77	-66.18	-13	-53.18	-76.01	-70.93	3.70	10.60	V
	2822.36	-65.49	-13	-52.49	-79.06	-71.57	4.37	12.60	V

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



LTE Band 66 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3488.74	-50.48	-13	-37.48	-69.81	-58.71	4.37	12.60	H
	5233.11	-42.62	-13	-29.62	-66.78	-50.38	4.94	12.70	H
	6977.48	-49.59	-13	-36.59	-73.50	-54.97	6.32	11.70	H
	3488.74	-57.50	-13	-44.50	-73.58	-65.73	4.37	12.60	V
	5233.11	-56.06	-13	-43.06	-75.57	-63.82	4.94	12.70	V
	6977.48	-52.51	-13	-39.51	-76.42	-57.89	6.32	11.70	V

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

LTE Band 66 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3487.3	-49.98	-13	-36.98	-69.31	-58.21	4.37	12.60	H
	5230.95	-44.88	-13	-31.88	-69.04	-52.64	4.94	12.70	H
	6974.6	-49.40	-13	-36.40	-73.31	-54.78	6.32	11.70	H
	3487.3	-58.11	-13	-45.11	-74.19	-66.34	4.37	12.60	V
	5230.95	-56.16	-13	-43.16	-75.67	-63.92	4.94	12.70	V
	6974.6	-52.53	-13	-39.53	-76.44	-57.91	6.32	11.70	V

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



LTE Band 66 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3485.5	-50.57	-13	-37.57	-69.90	-58.80	4.37	12.60	H
	5228.25	-46.11	-13	-33.11	-70.27	-53.87	4.94	12.70	H
	6971	-49.55	-13	-36.55	-73.46	-54.93	6.32	11.70	H
	3485.5	-58.60	-13	-45.60	-74.68	-66.83	4.37	12.60	V
	5228.25	-55.33	-13	-42.33	-74.84	-63.09	4.94	12.70	V
	6971	-52.43	-13	-39.43	-76.34	-57.81	6.32	11.70	V

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

LTE Band 66 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3481	-52.98	-13	-39.98	-72.31	-61.21	4.37	12.60	H
	5221.5	-45.14	-13	-32.14	-69.30	-52.90	4.94	12.70	H
	6962	-50.35	-13	-37.35	-74.26	-55.73	6.32	11.70	H
	3481	-59.03	-13	-46.03	-75.11	-67.26	4.37	12.60	V
	5221.5	-57.35	-13	-44.35	-76.86	-65.11	4.94	12.70	V
	6962	-52.80	-13	-39.80	-76.71	-58.18	6.32	11.70	V

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



LTE Band 66 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3476.5	-51.56	-13	-38.56	-70.89	-59.79	4.37	12.60	H
	5214.75	-45.99	-13	-32.99	-70.15	-53.75	4.94	12.70	H
	6953	-49.15	-13	-36.15	-73.06	-54.53	6.32	11.70	H
	3476.5	-59.14	-13	-46.14	-75.22	-67.37	4.37	12.60	V
	5214.75	-56.02	-13	-43.02	-75.53	-63.78	4.94	12.70	V
	6953	-48.08	-13	-35.08	-71.99	-53.46	6.32	11.70	V

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

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-52.29	-13	-39.29	-71.62	-60.52	4.37	12.60	H
	5208	-45.98	-13	-32.98	-70.14	-53.74	4.94	12.70	H
	6944	-48.19	-13	-35.19	-72.10	-53.57	6.32	11.70	H
	3472	-58.56	-13	-45.56	-74.64	-66.79	4.37	12.60	V
	5208	-55.42	-13	-42.42	-74.93	-63.18	4.94	12.70	V
	6944	-50.96	-13	-37.96	-74.87	-56.34	6.32	11.70	V

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