



Radiated Spurious Emission

**LTE Band 2**

LTE Band 2 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-52.86	-13	-39.86	-71.45	-59.43	1.67	8.24	H
	5555	-46.64	-13	-33.64	-70.38	-53.71	2.66	9.72	H
	7403	-46.70	-13	-33.70	-75.24	-55.85	2.46	11.61	H
									H
									H
									H
									H
	3700	-55.86	-13	-42.86	-74.52	-62.43	1.67	8.24	V
	5555	-50.56	-13	-37.56	-72.76	-57.63	2.66	9.72	V
	7403	-47.86	-13	-34.86	-75.85	-57.01	2.46	11.61	V
									V
									V
									V
									V
Middle	3763	-49.05	-13	-36.05	-68.24	-55.68	1.69	8.32	H
	5639	-41.38	-13	-28.38	-65.15	-48.43	2.71	9.76	H
	7522	-46.62	-13	-33.62	-75.26	-56.01	2.42	11.81	H
									H
									H
									H
									H
	3763	-51.19	-13	-38.19	-69.78	-57.82	1.69	8.32	V
	5639	-45.29	-13	-32.29	-67.66	-52.34	2.71	9.76	V
	7522	-48.07	-13	-35.07	-76.38	-57.46	2.42	11.81	V
									V
									V
									V
									V
Highest	3819	-47.90	-13	-34.90	-69.64	-54.58	1.70	8.38	H
	5730	-41.10	-13	-28.10	-67.46	-48.13	2.76	9.79	H
	7641	-42.84	-13	-29.84	-73.57	-52.34	2.38	11.88	H
									H
									H
									H
									H
	3819	-52.54	-13	-39.54	-73.44	-59.22	1.70	8.38	V
	5730	-44.40	-13	-31.40	-69.78	-51.43	2.76	9.79	V
	7641	-44.95	-13	-31.95	-74.99	-54.45	2.38	11.88	V
									V
									V
									V
									V

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



LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-49.86	-13	-36.86	-68.51	-56.43	1.67	8.24	H
	5548	-44.45	-13	-31.45	-68.15	-51.52	2.65	9.72	H
	7403	-43.89	-13	-30.89	-72.73	-53.04	2.46	11.61	H
									H
									H
									H
									H
	3700	-49.43	-13	-36.43	-67.96	-56	1.67	8.24	V
	5548	-47.86	-13	-34.86	-69.98	-54.93	2.65	9.72	V
	7403	-45.54	-13	-32.54	-73.59	-54.69	2.46	11.61	V
									V
									V
									V
									V
Middle	3756	-50.00	-13	-37.00	-69.02	-56.62	1.68	8.31	H
	5639	-42.95	-13	-29.95	-66.63	-50	2.71	9.76	H
	7515	-44.65	-13	-31.65	-73.31	-54.03	2.42	11.81	H
									H
									H
									H
									H
	3756	-49.70	-13	-36.70	-68.41	-56.32	1.68	8.31	V
	5639	-44.66	-13	-31.66	-67	-51.71	2.71	9.76	V
	7515	-46.39	-13	-33.39	-74.81	-55.77	2.42	11.81	V
									V
									V
Highest	3812	-46.15	-13	-33.15	-67.72	-52.82	1.70	8.37	H
	5723	-40.47	-13	-27.47	-66.79	-47.51	2.75	9.79	H
	7627	-41.51	-13	-28.51	-72.07	-51	2.39	11.88	H
									H
									H
									H
									H
	3812	-44.82	-13	-31.82	-65.51	-51.49	1.70	8.37	V
	5723	-42.37	-13	-29.37	-67.73	-49.41	2.75	9.79	V
	7627	-44.52	-13	-31.52	-74.55	-54.01	2.39	11.88	V
									V
									V
									V

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



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-49.48	-13	-36.48	-68.12	-56.05	1.67	8.24	H
	5548	-45.04	-13	-32.04	-68.76	-52.11	2.65	9.72	H
	7403	-43.48	-13	-30.48	-72.2	-52.63	2.46	11.61	H
									H
									H
									H
									H
	3700	-48.43	-13	-35.43	-66.96	-55	1.67	8.24	V
	5548	-48.00	-13	-35.00	-70.15	-55.07	2.65	9.72	V
	7403	-45.47	-13	-32.47	-73.42	-54.62	2.46	11.61	V
									V
									V
									V
									V
Middle	3756	-50.43	-13	-37.43	-69.48	-57.05	1.68	8.31	H
	5632	-44.42	-13	-31.42	-68.07	-51.47	2.70	9.75	H
	7515	-44.44	-13	-31.44	-72.96	-53.82	2.42	11.81	H
									H
									H
									H
									H
	3756	-54.51	-13	-41.51	-73.22	-61.13	1.68	8.31	V
	5632	-48.04	-13	-35.04	-70.1	-55.09	2.70	9.75	V
	7515	-46.49	-13	-33.49	-74.76	-55.87	2.42	11.81	V
									V
									V
									V
									V
Highest	3812	-46.78	-13	-33.78	-68.23	-53.45	1.70	8.37	H
	5716	-40.07	-13	-27.07	-66.39	-47.11	2.75	9.79	H
	7620	-42.88	-13	-29.88	-73.43	-52.36	2.39	11.87	H
									H
									H
									H
									H
	3812	-45.22	-13	-32.22	-65.88	-51.89	1.70	8.37	V
	5716	-42.17	-13	-29.17	-67.29	-49.21	2.75	9.79	V
	7620	-43.72	-13	-30.72	-73.94	-53.2	2.39	11.87	V
									V
									V
									V
									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	3700	-50.52	-13	-37.52	-69.15	-57.09	1.67	8.24	H
	5555	-43.24	-13	-30.24	-66.87	-50.31	2.66	9.72	H
	7403	-43.87	-13	-30.87	-72.72	-53.02	2.46	11.61	H
									H
									H
									H
									H
	3700	-49.45	-13	-36.45	-68.01	-56.02	1.67	8.24	V
	5555	-48.52	-13	-35.52	-70.59	-55.59	2.66	9.72	V
	7403	-46.03	-13	-33.03	-74.08	-55.18	2.46	11.61	V
									V
									V
									V
									V
Middle	3749	-50.53	-13	-37.53	-69.54	-57.15	1.68	8.30	H
	5625	-41.37	-13	-28.37	-64.98	-48.42	2.70	9.75	H
	7501	-44.75	-13	-31.75	-73.58	-54.12	2.43	11.80	H
									H
									H
									H
									H
	3749	-48.76	-13	-35.76	-67.53	-55.38	1.68	8.30	V
	5625	-47.34	-13	-34.34	-69.47	-54.39	2.70	9.75	V
	7501	-46.85	-13	-33.85	-75.32	-56.22	2.43	11.80	V
									V
									V
									V
									V
Highest	3805	-45.75	-13	-32.75	-67.33	-52.42	1.70	8.37	H
	5702	-40.99	-13	-27.99	-67.2	-48.03	2.74	9.78	H
	7606	-43.64	-13	-30.64	-74.17	-53.11	2.40	11.86	H
									H
									H
									H
									H
	3805	-44.87	-13	-31.87	-65.55	-51.54	1.70	8.37	V
	5702	-43.51	-13	-30.51	-68.58	-50.55	2.74	9.78	V
	7606	-46.38	-13	-33.38	-76.29	-55.85	2.40	11.86	V
									V
									V
									V
									V

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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	3700	-49.45	-13	-36.45	-68.1	-56.02	1.67	8.24	H
	5555	-42.75	-13	-29.75	-66.47	-49.82	2.66	9.72	H
	7403	-44.40	-13	-31.40	-73.17	-53.55	2.46	11.61	H
									H
									H
									H
									H
	3700	-52.84	-13	-39.84	-71.34	-59.41	1.67	8.24	V
	5555	-48.14	-13	-35.14	-70.27	-55.21	2.66	9.72	V
	7403	-47.14	-13	-34.14	-75.13	-56.29	2.46	11.61	V
									V
									V
									V
									V
Middle	3749	-49.40	-13	-36.40	-68.42	-56.02	1.68	8.30	H
	5618	-45.04	-13	-32.04	-68.67	-52.09	2.69	9.75	H
	7494	-44.89	-13	-31.89	-73.74	-54.25	2.43	11.79	H
									H
									H
									H
									H
	3749	-53.00	-13	-40.00	-71.73	-59.62	1.68	8.30	V
	5618	-48.56	-13	-35.56	-70.68	-55.61	2.69	9.75	V
	7494	-47.28	-13	-34.28	-75.58	-56.64	2.43	11.79	V
									V
									V
									V
									V
Highest	3791	-45.35	-13	-32.35	-66.77	-52	1.70	8.35	H
	5688	-41.62	-13	-28.62	-67.91	-48.66	2.73	9.78	H
	7585	-43.60	-13	-30.60	-74.2	-53.05	2.40	11.85	H
									H
									H
									H
									H
	3791	-49.20	-13	-36.20	-69.97	-55.85	1.70	8.35	V
	5688	-43.54	-13	-30.54	-68.68	-50.58	2.73	9.78	V
	7585	-44.94	-13	-31.94	-75.23	-54.39	2.40	11.85	V
									V
									V
									V
									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	3700	-50.86	-13	-37.86	-69.4	-57.43	1.67	8.24	H
	5555	-42.59	-13	-29.59	-66.3	-49.66	2.66	9.72	H
	7403	-44.31	-13	-31.31	-73.1	-53.46	2.46	11.61	H
									H
									H
									H
									H
	3700	-54.25	-13	-41.25	-72.82	-60.82	1.67	8.24	V
	5555	-47.77	-13	-34.77	-69.97	-54.84	2.66	9.72	V
	7403	-46.95	-13	-33.95	-75.04	-56.1	2.46	11.61	V
									V
									V
									V
									V
Middle	3742	-46.70	-13	-33.70	-65.79	-53.31	1.68	8.29	H
	5611	-46.02	-13	-33.02	-69.53	-53.08	2.69	9.74	H
	7487	-45.64	-13	-32.64	-74.36	-54.98	2.43	11.77	H
									H
									H
									H
									H
	3742	-51.79	-13	-38.79	-70.39	-58.4	1.68	8.29	V
	5611	-50.16	-13	-37.16	-72.04	-57.22	2.69	9.74	V
	7487	-46.68	-13	-33.68	-75.09	-56.02	2.43	11.77	V
									V
									V
									V
									V
Highest	3784	-46.59	-13	-33.59	-68.05	-53.24	1.69	8.34	H
	5674	-42.96	-13	-29.96	-66.19	-50	2.73	9.77	H
	7564	-43.56	-13	-30.56	-74.23	-52.99	2.41	11.84	H
									H
									H
									H
									H
	3784	-50.82	-13	-37.82	-71.54	-57.47	1.69	8.34	V
	5674	-43.35	-13	-30.35	-68.17	-50.39	2.73	9.77	V
	7564	-45.20	-13	-32.20	-75.41	-54.63	2.41	11.84	V
									V
									V
									V
									V

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

**LTE Band 5**

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	-66.01	-13	-53.01	-74.63	-67.77	0.98	4.89	H
	2473	-64.07	-13	-51.07	-76.13	-65.96	1.28	5.32	H
	3298	-61.08	-13	-48.08	-76.63	-64.5	1.54	7.11	H
									H
									H
									H
									H
	1648	-68.10	-13	-55.10	-74.73	-69.86	0.98	4.89	V
	2473	-61.82	-13	-48.82	-76.06	-63.71	1.28	5.32	V
	3298	-62.07	-13	-49.07	-76.53	-65.49	1.54	7.11	V
									V
									V
									V
									V
Middle	1672	-66.28	-13	-53.28	-74.63	-67.96	0.99	4.82	H
	2506	-63.65	-13	-50.65	-75.95	-65.61	1.29	5.40	H
	3343	-61.22	-13	-48.22	-76.46	-64.82	1.56	7.31	H
									H
									H
									H
									H
	1672	-68.41	-13	-55.41	-74.61	-70.09	0.99	4.82	V
	2506	-61.67	-13	-48.67	-76.04	-63.63	1.29	5.40	V
	3343	-62.22	-13	-49.22	-76.46	-65.82	1.56	7.31	V
									V
									V
									V
									V
Highest	1699	-65.04	-13	-52.04	-73.52	-66.63	1.00	4.74	H
	2548	-61.10	-13	-48.10	-73.83	-63.08	1.31	5.44	H
	3394	-61.06	-13	-48.06	-76.48	-64.87	1.57	7.53	H
									H
									H
									H
									H
	1699	-65.51	-13	-52.51	-72.27	-67.1	1.00	4.74	V
	2548	-59.75	-13	-46.75	-74.14	-61.73	1.31	5.44	V
	3394	-61.42	-13	-48.42	-76.28	-65.23	1.57	7.53	V
									V
									V
									V
									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	-66.00	-13	-53.00	-74.62	-67.76	0.98	4.89	H
	2473	-64.12	-13	-51.12	-76.18	-66.01	1.28	5.32	H
	3295	-60.98	-13	-47.98	-76.53	-64.39	1.54	7.10	H
									H
									H
									H
									H
	1648	-68.08	-13	-55.08	-74.71	-69.84	0.98	4.89	V
	2476	-57.29	-13	-44.29	-71.53	-59.18	1.28	5.33	V
	3295	-62.05	-13	-49.05	-76.51	-65.46	1.54	7.10	V
									V
									V
									V
									V
Middle	1669	-66.43	-13	-53.43	-74.92	-68.12	0.99	4.83	H
	2506	-63.71	-13	-50.71	-75.91	-65.67	1.29	5.40	H
	3340	-61.58	-13	-48.58	-76.42	-65.17	1.55	7.30	H
									H
									H
									H
									H
	1669	-68.42	-13	-55.42	-74.93	-70.11	0.99	4.83	V
	2506	-61.26	-13	-48.26	-75.73	-63.22	1.29	5.40	V
	3340	-62.17	-13	-49.17	-76.41	-65.76	1.55	7.30	V
									V
									V
									V
									V
Highest	1696	-53.08	-13	-40.08	-61.56	-54.68	1.00	4.75	H
	2542	-45.46	-13	-32.46	-58.19	-47.44	1.30	5.43	H
	3385	-59.96	-13	-46.96	-76.32	-63.74	1.57	7.49	H
									H
									H
									H
									H
	1696	-65.17	-13	-52.17	-71.93	-66.77	1.00	4.75	V
	2542	-58.77	-13	-45.77	-73.16	-60.75	1.30	5.43	V
	3385	-61.46	-13	-48.46	-76.11	-65.24	1.57	7.49	V
									V
									V
									V
									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	-67.14	-13	-54.14	-74.76	-68.9	0.98	4.89	H
	2473	-64.07	-13	-51.07	-76.13	-65.96	1.28	5.32	H
	3295	-61.00	-13	-48.00	-76.55	-64.41	1.54	7.10	H
									H
									H
									H
									H
	1648	-68.23	-13	-55.23	-74.86	-69.99	0.98	4.89	V
	2473	-60.81	-13	-47.81	-76.05	-62.7	1.28	5.32	V
	3295	-61.85	-13	-48.85	-76.31	-65.26	1.54	7.10	V
									V
									V
									V
									V
Middle	1669	-66.52	-13	-53.52	-75.01	-68.21	0.99	4.83	H
	2506	-61.64	-13	-48.64	-73.94	-63.6	1.29	5.40	H
	3337	-61.14	-13	-48.14	-76.48	-64.72	1.55	7.28	H
									H
									H
									H
									H
	1669	-68.51	-13	-55.51	-74.92	-70.2	0.99	4.83	V
	2506	-58.72	-13	-45.72	-73.09	-60.68	1.29	5.40	V
	3337	-62.12	-13	-49.12	-76.43	-65.7	1.55	7.28	V
									V
									V
									V
									V
Highest	1687	-66.28	-13	-53.28	-74.63	-67.91	1.00	4.78	H
	2536	-63.51	-13	-50.51	-76.03	-65.49	1.30	5.43	H
	3376	-61.15	-13	-48.15	-76.51	-64.89	1.57	7.45	H
									H
									H
									H
									H
	1687	-68.01	-13	-55.01	-74.21	-69.64	1.00	4.78	V
	2536	-61.83	-13	-48.83	-76.21	-63.81	1.30	5.43	V
	3376	-61.88	-13	-48.88	-76.53	-65.62	1.57	7.45	V
									V
									V
									V
									V
									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	-66.08	-13	-53.08	-74.7	-67.84	0.98	4.89	H
	2472	-64.17	-13	-51.17	-76.23	-66.05	1.28	5.32	H
	3296	-60.94	-13	-47.94	-76.49	-64.35	1.54	7.10	H
									H
									H
									H
									H
	1648	-68.15	-13	-55.15	-74.78	-69.91	0.98	4.89	V
	2472	-61.95	-13	-48.95	-76.19	-63.83	1.28	5.32	V
	3296	-62.10	-13	-49.10	-76.56	-65.51	1.54	7.10	V
									V
									V
									V
									V
Middle	1663	-65.95	-13	-52.95	-74.74	-67.66	0.98	4.84	H
	2496	-61.06	-13	-48.06	-73.74	-63.01	1.29	5.39	H
	3328	-61.23	-13	-48.23	-76.57	-64.77	1.55	7.24	H
									H
									H
									H
									H
	1663	-68.31	-13	-55.31	-74.72	-70.02	0.98	4.84	V
	2496	-58.46	-13	-45.46	-73.42	-60.41	1.29	5.39	V
	3328	-62.22	-13	-49.22	-76.53	-65.76	1.55	7.24	V
									V
									V
									V
									V
									V
Highest	1680	-66.25	-13	-53.25	-74.6	-67.9	0.99	4.80	H
	2520	-63.51	-13	-50.51	-75.81	-65.48	1.30	5.42	H
	3352	-61.07	-13	-48.07	-76.31	-64.71	1.56	7.35	H
									H
									H
									H
									H
	1680	-67.39	-13	-54.39	-73.59	-69.04	0.99	4.80	V
	2520	-61.31	-13	-48.31	-75.68	-63.28	1.30	5.42	V
	3352	-61.96	-13	-48.96	-76.2	-65.6	1.56	7.35	V
									V
									V
									V
									V
									V

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

**LTE Band 7**

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	-48.29	-25	-23.29	-71.15	-55.65	2.34	9.70	H
	7500	-40.00	-25	-15.00	-68.82	-49.37	2.43	11.80	H
	10008	-39.95	-25	-14.95	-71.57	-49.46	2.70	12.20	H
	12504	-33.35	-25	-8.35	-69.48	-42.95	2.81	12.40	H
									H
									H
									H
	5004	-53.25	-25	-28.25	-74.71	-60.61	2.34	9.70	V
	7500	-44.51	-25	-19.51	-72.95	-53.88	2.43	11.80	V
	10008	-38.50	-25	-13.50	-68.46	-48.01	2.70	12.20	V
	12504	-28.52	-25	-3.52	-64.23	-38.12	2.81	12.40	V
									V
									V
									V
Middle	5064	-46.53	-25	-21.53	-69.29	-53.86	2.37	9.70	H
	7596	-41.08	-25	-16.08	-69.53	-50.54	2.40	11.86	H
	10128	-36.62	-25	-11.62	-68.3	-46.18	2.70	12.25	H
	12660	-30.26	-25	-5.26	-67.15	-40.01	2.84	12.59	H
									H
									H
									H
	5064	-49.03	-25	-24.03	-70.76	-56.36	2.37	9.70	V
	7596	-43.39	-25	-18.39	-71.3	-52.85	2.40	11.86	V
	10128	-34.48	-25	-9.48	-64.71	-44.04	2.70	12.25	V
	12660	-28.11	-25	-3.11	-63.2	-37.86	2.84	12.59	V
									V
									V
Highest	5136	-47.71	-25	-22.71	-70.47	-54.99	2.42	9.70	H
	7692	-43.88	-25	-18.88	-72.31	-53.43	2.37	11.92	H
	10260	-41.01	-25	-16.01	-72.72	-50.62	2.69	12.30	H
	12828	-29.00	-25	-4.00	-66.82	-38.91	2.89	12.79	H
									H
									H
									H
	5136	-50.87	-25	-25.87	-72.88	-58.15	2.42	9.70	V
	7692	-45.08	-25	-20.08	-72.92	-54.63	2.37	11.92	V
	10260	-37.14	-25	-12.14	-67.72	-46.75	2.69	12.30	V
	12828	-31.31	-25	-6.31	-67.11	-41.22	2.89	12.79	V
									V
									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	-47.30	-25	-22.30	-70.14	-54.66	2.34	9.70	H
	7500	-37.58	-25	-12.58	-66.31	-46.95	2.43	11.80	H
	10008	-34.64	-25	-9.64	-66.23	-44.15	2.70	12.20	H
	12504	-32.00	-25	-7.00	-68.12	-41.6	2.81	12.40	H
									H
									H
									H
	5004	-49.28	-25	-24.28	-70.59	-56.64	2.34	9.70	V
	7500	-40.85	-25	-15.85	-69.3	-50.22	2.43	11.80	V
	10008	-33.54	-25	-8.54	-63.31	-43.05	2.70	12.20	V
	12504	-29.75	-25	-4.75	-65.17	-39.35	2.81	12.40	V
									V
									V
									V
Middle	5064	-46.06	-25	-21.06	-68.97	-53.39	2.37	9.70	H
	7596	-40.66	-25	-15.66	-69.02	-50.12	2.40	11.86	H
	10128	-39.31	-25	-14.31	-70.86	-48.87	2.70	12.25	H
	12648	-33.30	-25	-8.30	-70.13	-43.04	2.84	12.58	H
									H
									H
									H
	5064	-49.34	-25	-24.34	-71.11	-56.67	2.37	9.70	V
	7596	-43.36	-25	-18.36	-71.32	-52.82	2.40	11.86	V
	10128	-35.23	-25	-10.23	-65.5	-44.79	2.70	12.25	V
	12648	-29.22	-25	-4.22	-64.82	-38.96	2.84	12.58	V
									V
									V
									V
Highest	5124	-46.42	-25	-21.42	-69.25	-53.71	2.41	9.70	H
	7680	-39.04	-25	-14.04	-67.49	-48.58	2.37	11.91	H
	10248	-38.86	-25	-13.86	-70.56	-48.46	2.69	12.30	H
	12804	-31.13	-25	-6.13	-68.65	-41.01	2.88	12.76	H
									H
									H
									H
	5124	-49.23	-25	-24.23	-71.12	-56.52	2.41	9.70	V
	7680	-41.94	-25	-16.94	-69.88	-51.48	2.37	11.91	V
	10248	-35.84	-25	-10.84	-66.36	-45.44	2.69	12.30	V
	12804	-28.78	-25	-3.78	-64.65	-38.66	2.88	12.76	V
									V
									V
									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	-48.96	-25	-23.96	-71.83	-56.32	2.34	9.70	H
	7500	-40.84	-25	-15.84	-69.62	-50.21	2.43	11.80	H
	10008	-38.44	-25	-13.44	-70.04	-47.95	2.70	12.20	H
	12504	-32.69	-25	-7.69	-68.8	-42.29	2.81	12.40	H
									H
									H
									H
	5004	-53.65	-25	-28.65	-75	-61.01	2.34	9.70	V
	7500	-44.61	-25	-19.61	-73.11	-53.98	2.43	11.80	V
	10008	-35.88	-25	-10.88	-65.81	-45.39	2.70	12.20	V
	12504	-31.97	-25	-6.97	-67.34	-41.57	2.81	12.40	V
									V
									V
									V
Middle	5052	-46.98	-25	-21.98	-69.75	-54.31	2.37	9.70	H
	7584	-41.96	-25	-16.96	-70.4	-51.41	2.40	11.85	H
	10116	-40.82	-25	-15.82	-72.47	-50.37	2.70	12.25	H
	12648	-33.48	-25	-8.48	-70.32	-43.22	2.84	12.58	H
									H
									H
									H
	5052	-50.55	-25	-25.55	-72.15	-57.88	2.37	9.70	V
	7584	-45.59	-25	-20.59	-73.6	-55.04	2.40	11.85	V
	10116	-39.10	-25	-14.10	-69.23	-48.65	2.70	12.25	V
	12648	-31.77	-25	-6.77	-67.33	-41.51	2.84	12.58	V
									V
									V
									V
Highest	5112	-49.59	-25	-24.59	-72.24	-56.89	2.40	9.70	H
	7668	-44.23	-25	-19.23	-72.67	-53.76	2.38	11.90	H
	10224	-43.75	-25	-18.75	-75.33	-53.34	2.69	12.29	H
	12780	-33.33	-25	-8.33	-70.86	-43.19	2.87	12.74	H
									H
									H
									H
	5112	-53.01	-25	-28.01	-74.91	-60.31	2.40	9.70	V
	7668	-45.80	-25	-20.80	-73.67	-55.33	2.38	11.90	V
	10224	-40.20	-25	-15.20	-70.6	-49.79	2.69	12.29	V
	12780	-35.18	-25	-10.18	-71.01	-45.04	2.87	12.74	V
									V
									V
									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	-48.07	-25	-23.07	-70.9	-55.43	2.34	9.70	H
	7500	-40.41	-25	-15.41	-69.2	-49.78	2.43	11.80	H
	10008	-40.48	-25	-15.48	-72.11	-49.99	2.70	12.20	H
	12504	-34.05	-25	-9.05	-70.16	-43.65	2.81	12.40	H
									H
									H
									H
	5004	-50.68	-25	-25.68	-72.06	-58.04	2.34	9.70	V
	7500	-42.95	-25	-17.95	-71.4	-52.32	2.43	11.80	V
	10008	-37.17	-25	-12.17	-67.07	-46.68	2.70	12.20	V
	12504	-30.72	-25	-5.72	-66.16	-40.32	2.81	12.40	V
									V
									V
									V
Middle	5052	-46.79	-25	-21.79	-69.63	-54.12	2.37	9.70	H
	7584	-41.66	-25	-16.66	-70.1	-51.11	2.40	11.85	H
	10104	-42.39	-25	-17.39	-73.99	-51.94	2.70	12.24	H
	12636	-33.90	-25	-8.90	-70.63	-43.62	2.84	12.56	H
									H
									H
									H
	5052	-50.34	-25	-25.34	-71.87	-57.67	2.37	9.70	V
	7584	-44.86	-25	-19.86	-72.88	-54.31	2.40	11.85	V
	10104	-40.23	-25	-15.23	-70.36	-49.78	2.70	12.24	V
	12636	-33.91	-25	-8.91	-69.49	-43.63	2.84	12.56	V
									V
									V
									V
Highest	5100	-56.56	-25	-31.56	-79.55	-63.87	2.39	9.70	H
	7656	-47.60	-25	-22.60	-76.12	-57.11	2.38	11.89	H
	10200	-45.63	-25	-20.63	-77.08	-55.21	2.70	12.28	H
	12756	-38.85	-25	-13.85	-76.35	-48.69	2.87	12.71	H
									H
									H
									H
	5100	-53.13	-25	-28.13	-74.84	-60.44	2.39	9.70	V
	7656	-47.73	-25	-22.73	-75.56	-57.24	2.38	11.89	V
	10200	-36.55	-25	-11.55	-66.78	-46.13	2.70	12.28	V
	12756	-32.62	-25	-7.62	-68.46	-42.46	2.87	12.71	V
									V
									V
									V

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