



LTE Band 4 / 15MHz / 16QAM									
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)
Highest	3483	-64.73	-13	-51.73	-58.28	-71.06	1.60	7.93	H
	5219	-55.46	-13	-42.46	-55.21	-62.7	2.46	9.70	H
	6962	-40.29	-13	-27.29	-45.1	-48.44	2.60	10.75	H
	8705	-43.39	-13	-30.39	-52.11	-53.55	2.42	12.58	H
									H
									H
									H
	3483	-60.41	-13	-47.41	-53.63	-66.74	1.60	7.93	V
	5219	-55.25	-13	-42.25	-54.85	-62.49	2.46	9.70	V
	6962	-45.50	-13	-32.50	-50.59	-53.65	2.60	10.75	V
	8705	-44.69	-13	-31.69	-52.93	-54.85	2.42	12.58	V
									V
									V
									V
									V
									V

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



LTE Band 4 / 20MHz / 16QAM									
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	-64.00	-13	-51.00	-57.39	-70.07	1.58	7.65	H
	5135	-54.90	-13	-41.90	-54.44	-62.19	2.41	9.70	H
	6843	-40.83	-13	-27.83	-45.17	-48.8	2.64	10.61	H
	8558	-39.86	-13	-26.86	-48.41	-50	2.39	12.52	H
									H
									H
									H
	3420	-61.38	-13	-48.38	-54.52	-67.45	1.58	7.65	V
	5135	-52.46	-13	-39.46	-51.82	-59.75	2.41	9.70	V
	6843	-48.73	-13	-35.73	-53.35	-56.7	2.64	10.61	V
	8558	-44.07	-13	-31.07	-52.28	-54.21	2.39	12.52	V
									V
									V
									V
Middle	3448	-66.52	-13	-53.52	-60	-72.7	1.59	7.77	H
	5170	-54.09	-13	-41.09	-53.69	-61.36	2.43	9.70	H
	6892	-49.63	-13	-36.63	-54.15	-57.68	2.63	10.67	H
	8621	-47.30	-13	-34.30	-55.92	-57.45	2.40	12.55	H
									H
									H
									H
	3448	-64.51	-13	-51.51	-57.7	-70.69	1.59	7.77	V
	5170	-52.13	-13	-39.13	-51.58	-59.4	2.43	9.70	V
	6892	-53.10	-13	-40.10	-57.89	-61.15	2.63	10.67	V
	8621	-49.76	-13	-36.76	-57.96	-59.91	2.40	12.55	V
									V
									V
									V
									V



LTE Band 4 / 20MHz / 16QAM									
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)
Highest	3469	-65.86	-13	-52.86	-59.38	-72.13	1.59	7.86	H
	5205	-53.22	-13	-40.22	-52.91	-60.46	2.46	9.70	H
	6941	-45.48	-13	-32.48	-50.17	-53.6	2.61	10.73	H
	8677	-43.95	-13	-30.95	-52.64	-54.11	2.41	12.57	H
									H
									H
									H
	3469	-62.42	-13	-49.42	-55.63	-68.69	1.59	7.86	V
	5205	-53.70	-13	-40.70	-53.23	-60.94	2.46	9.70	V
	6941	-50.63	-13	-37.63	-55.59	-58.75	2.61	10.73	V
	8677	-44.14	-13	-31.14	-52.32	-54.3	2.41	12.57	V
									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)	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	1648	-58.34	-13	-45.34	-45.14	-60.10	0.98	4.89	H
	2472	-56.02	-13	-43.02	-46.73	-57.90	1.28	5.32	H
	3296	-67.87	-13	-54.87	-61.01	-71.28	1.54	7.10	H
									H
									H
									H
									H
	1648	-61.05	-13	-48.05	-48.01	-62.81	0.98	4.89	V
	2472	-56.77	-13	-43.77	-47.51	-58.65	1.28	5.32	V
	3296	-68.24	-13	-55.24	-61.16	-71.65	1.54	7.10	V
									V
									V
									V
									V
Middle	1672	-60.73	-13	-47.73	-47.69	-62.41	0.99	4.82	H
	2508	-54.72	-13	-41.72	-45.56	-56.68	1.29	5.41	H
	3344	-68.10	-13	-55.10	-61.42	-71.71	1.56	7.31	H
									H
									H
									H
									H
	1672	-59.35	-13	-46.35	-46.42	-61.03	0.99	4.82	V
	2508	-54.50	-13	-41.50	-45.35	-56.46	1.29	5.41	V
	3344	-68.39	-13	-55.39	-61.41	-72.00	1.56	7.31	V
									V
									V
									V
									V



LTE Band 5 / 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)
Highest	1696	-63.61	-13	-50.61	-50.65	-65.21	1.00	4.75	H
	2544	-56.89	-13	-43.89	-47.87	-58.87	1.30	5.44	H
	3392	-67.65	-13	-54.65	-61	-71.45	1.57	7.52	H
									H
									H
									H
									H
	1696	-58.63	-13	-45.63	-45.76	-60.23	1.00	4.75	V
	2544	-59.03	-13	-46.03	-50.03	-61.01	1.30	5.44	V
	3392	-68.14	-13	-55.14	-61.23	-71.94	1.57	7.52	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	-60.45	-13	-47.45	-47.25	-62.21	0.98	4.89	H
	2472	-54.22	-13	-41.22	-44.92	-56.10	1.28	5.32	H
	3296	-67.89	-13	-54.89	-61.05	-71.30	1.54	7.10	H
									H
									H
									H
									H
	1648	-59.84	-13	-46.84	-46.82	-61.60	0.98	4.89	V
	2472	-55.38	-13	-42.38	-46.13	-57.26	1.28	5.32	V
	3296	-68.04	-13	-55.04	-60.96	-71.45	1.54	7.10	V
									V
									V
									V
									V
Middle	1672	-61.55	-13	-48.55	-48.51	-63.23	0.99	4.82	H
	2508	-56.64	-13	-43.64	-47.5	-58.60	1.29	5.41	H
	3344	-68.24	-13	-55.24	-61.51	-71.85	1.56	7.31	H
									H
									H
									H
									H
	1672	-59.87	-13	-46.87	-46.97	-61.55	0.99	4.82	V
	2508	-56.20	-13	-43.20	-47.09	-58.16	1.29	5.41	V
	3344	-68.19	-13	-55.19	-61.22	-71.80	1.56	7.31	V
									V
									V
									V
									V
									V



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)
Highest	1692	-61.61	-13	-48.61	-48.65	-63.23	1.00	4.76	H
	2536	-58.58	-13	-45.58	-49.53	-60.56	1.30	5.43	H
	3384	-67.88	-13	-54.88	-61.2	-71.65	1.57	7.49	H
									H
									H
									H
									H
	1692	-60.33	-13	-47.33	-47.42	-61.95	1.00	4.76	V
	2536	-57.67	-13	-44.67	-48.62	-59.65	1.30	5.43	V
	3384	-68.02	-13	-55.02	-61.08	-71.79	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	-62.01	-13	-49.01	-48.79	-63.77	0.98	4.89	H
	2472	-52.72	-13	-39.72	-43.43	-54.60	1.28	5.32	H
	3296	-67.80	-13	-54.80	-60.94	-71.21	1.54	7.10	H
									H
									H
									H
									H
	1648	-62.22	-13	-49.22	-49.17	-63.98	0.98	4.89	V
	2472	-56.68	-13	-43.68	-47.41	-58.56	1.28	5.32	V
	3296	-68.29	-13	-55.29	-61.23	-71.70	1.54	7.10	V
									V
									V
									V
									V
Middle	1668	-62.37	-13	-49.37	-49.22	-64.06	0.99	4.83	H
	2504	-53.14	-13	-40.14	-43.96	-55.10	1.29	5.40	H
	3336	-68.03	-13	-55.03	-61.28	-71.61	1.55	7.28	H
									H
									H
									H
									H
	1668	-59.70	-13	-46.70	-46.7	-61.39	0.99	4.83	V
	2504	-54.69	-13	-41.69	-45.51	-56.65	1.29	5.40	V
	3336	-68.21	-13	-55.21	-61.19	-71.79	1.55	7.28	V
									V
									V
									V
									V
									V



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)
Highest	1688	-63.15	-13	-50.15	-50.09	-64.78	1.00	4.77	H
	2536	-57.02	-13	-44.02	-47.95	-59.00	1.30	5.43	H
	3376	-67.86	-13	-54.86	-61.22	-71.60	1.57	7.45	H
									H
									H
									H
									H
	1688	-60.49	-13	-47.49	-47.58	-62.12	1.00	4.77	V
	2536	-58.82	-13	-45.82	-49.75	-60.80	1.30	5.43	V
	3376	-68.12	-13	-55.12	-61.24	-71.86	1.57	7.45	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	-60.93	-13	-47.93	-47.72	-62.69	0.98	4.89	H
	2472	-51.90	-13	-38.90	-42.6	-53.78	1.28	5.32	H
	3296	-67.90	-13	-54.90	-61.07	-71.31	1.54	7.10	H
									H
									H
									H
									H
	1648	-60.70	-13	-47.70	-47.69	-62.46	0.98	4.89	V
	2472	-53.57	-13	-40.57	-44.35	-55.45	1.28	5.32	V
	3296	-68.24	-13	-55.24	-61.18	-71.65	1.54	7.10	V
									V
									V
									V
									V
Middle	1664	-58.94	-13	-45.94	-45.59	-60.65	0.98	4.84	H
	2496	-48.36	-13	-35.36	-39.15	-50.31	1.29	5.39	H
	3328	-67.92	-13	-54.92	-55.97	-71.46	1.55	7.24	H
									H
									H
									H
									H
	1664	-59.32	-13	-46.32	-46.32	-61.03	0.98	4.84	V
	2496	-48.10	-13	-35.10	-38.92	-50.05	1.29	5.39	V
	3328	-68.31	-13	-55.31	-61.32	-71.85	1.55	7.24	V
									V
									V
									V
									V



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)
Highest	1680	-60.70	-13	-47.70	-47.71	-62.35	0.99	4.80	H
	2520	-51.06	-13	-38.06	-41.94	-53.03	1.30	5.42	H
	3360	-68.01	-13	-55.01	-61.28	-71.68	1.56	7.38	H
									H
									H
									H
									H
	1680	-58.10	-13	-45.10	-45.22	-59.75	0.99	4.80	V
	2520	-52.29	-13	-39.29	-43.17	-54.26	1.30	5.42	V
	3360	-67.85	-13	-54.85	-60.92	-71.52	1.56	7.38	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	4998	-46.64	-25	-21.64	-45.84	-54.00	2.34	9.70	H
	7500	-39.48	-25	-14.48	-45.69	-48.85	2.43	11.80	H
	9999	-38.11	-25	-13.11	-50.86	-47.61	2.70	12.20	H
	12501	-42.39	-25	-17.39	-57.85	-51.99	2.80	12.40	H
									H
									H
	4998	-49.94	-25	-24.94	-48.89	-57.30	2.34	9.70	V
	7500	-37.06	-25	-12.06	-43.58	-46.43	2.43	11.80	V
	9999	-40.35	-25	-15.35	-51.37	-49.85	2.70	12.20	V
	12501	-46.56	-25	-21.56	-61.46	-56.16	2.80	12.40	V
									V
									V
Middle	5064	-44.36	-25	-19.36	-43.71	-51.69	2.37	9.70	H
	7596	-40.11	-25	-15.11	-46.5	-49.57	2.40	11.86	H
	10134	-40.56	-25	-15.56	-53.49	-50.12	2.70	12.25	H
	12663	-46.70	-25	-21.70	-62.72	-56.45	2.85	12.60	H
									H
									H
	5064	-48.62	-25	-23.62	-47.78	-55.95	2.37	9.70	V
	7596	-39.75	-25	-14.75	-46.37	-49.21	2.40	11.86	V
	10134	-40.09	-25	-15.09	-51.62	-49.65	2.70	12.25	V
	12663	-48.90	-25	-23.90	-64.25	-58.65	2.85	12.60	V
									V
									V



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)
Highest	5130	-43.13	-25	-18.13	-42.67	-50.42	2.41	9.70	H
	7698	-40.19	-25	-15.19	-46.78	-49.74	2.37	11.92	H
	10260	-37.93	-25	-12.93	-50.95	-47.54	2.69	12.30	H
	12825	-49.84	-25	-24.84	-66.43	-59.74	2.89	12.79	H
									H
									H
	5130	-49.17	-25	-24.17	-48.51	-56.46	2.41	9.70	V
	7698	-39.61	-25	-14.61	-46.36	-49.16	2.37	11.92	V
	10260	-38.26	-25	-13.26	-50.19	-47.87	2.69	12.30	V
	12825	-51.83	-25	-26.83	-67.69	-61.73	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	4998	-45.03	-25	-20.03	-44.21	-52.39	2.34	9.70	H
	7500	-40.27	-25	-15.27	-46.47	-49.64	2.43	11.80	H
	9999	-38.14	-25	-13.14	-50.89	-47.64	2.70	12.20	H
	12501	-42.29	-25	-17.29	-57.75	-51.89	2.80	12.40	H
									H
									H
	4998	-48.20	-25	-23.20	-47.2	-55.56	2.34	9.70	V
	7500	-38.72	-25	-13.72	-45.22	-48.09	2.43	11.80	V
	9999	-39.13	-25	-14.13	-50.15	-48.63	2.70	12.20	V
	12501	-45.51	-25	-20.51	-60.41	-55.11	2.80	12.40	V
									V
									V
Middle	5058	-43.61	-25	-18.61	-42.95	-50.94	2.37	9.70	H
	7590	-38.55	-25	-13.55	-44.94	-48.00	2.40	11.85	H
	10125	-41.69	-25	-16.69	-54.6	-51.24	2.70	12.25	H
	12654	-46.12	-25	-21.12	-62.12	-55.86	2.84	12.58	H
									H
									H
	5058	-47.67	-25	-22.67	-46.82	-55.00	2.37	9.70	V
	7590	-39.47	-25	-14.47	-46.11	-48.92	2.40	11.85	V
	10125	-41.71	-25	-16.71	-53.18	-51.26	2.70	12.25	V
	12654	-47.32	-25	-22.32	-62.67	-57.06	2.84	12.58	V
									V
									V



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)
Highest	5118	-44.52	-25	-19.52	-44.01	-51.82	2.40	9.70	H
	7680	-39.23	-25	-14.23	-45.77	-48.77	2.37	11.91	H
	10242	-41.91	-25	-16.91	-54.92	-51.51	2.69	12.30	H
	12807	-47.76	-25	-22.76	-64.29	-57.65	2.88	12.77	H
									H
									H
	5118	-50.50	-25	-25.50	-49.84	-57.80	2.40	9.70	V
	7680	-39.54	-25	-14.54	-46.28	-49.08	2.37	11.91	V
	10242	-42.52	-25	-17.52	-54.4	-52.12	2.69	12.30	V
	12807	-50.02	-25	-25.02	-65.85	-59.91	2.88	12.77	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	-44.76	-25	-19.76	-44.02	-52.12	2.34	9.70	H
	7500	-39.28	-25	-14.28	-45.59	-48.65	2.43	11.80	H
	9999	-40.02	-25	-15.02	-52.77	-49.52	2.70	12.20	H
	12501	-42.56	-25	-17.56	-58.05	-52.16	2.80	12.40	H
									H
									H
	5004	-47.80	-25	-22.80	-46.82	-55.16	2.34	9.70	V
	7500	-37.89	-25	-12.89	-44.44	-47.26	2.43	11.80	V
	9999	-40.29	-25	-15.29	-51.32	-49.79	2.70	12.20	V
	12501	-45.61	-25	-20.61	-60.54	-55.21	2.80	12.40	V
									V
									V
Middle	5058	-44.29	-25	-19.29	-43.63	-51.62	2.37	9.70	H
	7584	-40.98	-25	-15.98	-47.33	-50.43	2.40	11.85	H
	10116	-41.87	-25	-16.87	-54.76	-51.42	2.70	12.25	H
	12645	-45.02	-25	-20.02	-60.96	-54.75	2.84	12.57	H
									H
									H
	5058	-48.02	-25	-23.02	-47.16	-55.35	2.37	9.70	V
	7584	-40.67	-25	-15.67	-47.27	-50.12	2.40	11.85	V
	10116	-42.66	-25	-17.66	-54.13	-52.21	2.70	12.25	V
	12645	-46.26	-25	-21.26	-61.56	-55.99	2.84	12.57	V
									V
									V



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)
Highest	5112	-47.99	-25	-22.99	-47.46	-55.29	2.40	9.70	H
	7668	-44.14	-25	-19.14	-50.63	-53.67	2.38	11.90	H
	10224	-45.29	-25	-20.29	-58.28	-54.88	2.69	12.29	H
	12780	-46.17	-25	-21.17	-62.58	-56.03	2.87	12.74	H
									H
									H
	5112	-52.53	-25	-27.53	-51.81	-59.83	2.40	9.70	V
	7668	-41.03	-25	-16.03	-47.74	-50.56	2.38	11.90	V
	10224	-46.39	-25	-21.39	-58.2	-55.98	2.69	12.29	V
	12780	-50.01	-25	-25.01	-65.75	-59.87	2.87	12.74	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	-46.44	-25	-21.44	-45.66	-53.80	2.34	9.70	H
	7506	-39.91	-25	-14.91	-46.14	-49.29	2.43	11.80	H
	10008	-41.43	-25	-16.43	-54.19	-50.94	2.70	12.20	H
	12501	-40.94	-25	-15.94	-56.4	-50.54	2.80	12.40	H
									H
									H
	5004	-49.83	-25	-24.83	-48.83	-57.19	2.34	9.70	V
	7500	-37.47	-25	-12.47	-43.99	-46.84	2.43	11.80	V
	10008	-40.61	-25	-15.61	-51.67	-50.12	2.70	12.20	V
	12501	-44.33	-25	-19.33	-59.23	-53.93	2.80	12.40	V
									V
									V
Middle	5052	-44.73	-25	-19.73	-44.04	-52.06	2.37	9.70	H
	7578	-40.61	-25	-15.61	-46.96	-50.05	2.40	11.85	H
	10107	-43.01	-25	-18.01	-55.88	-52.56	2.70	12.24	H
	12627	-44.56	-25	-19.56	-60.44	-54.28	2.84	12.55	H
									H
									H
	5052	-47.78	-25	-22.78	-46.88	-55.11	2.37	9.70	V
	7578	-41.00	-25	-16.00	-47.6	-50.44	2.40	11.85	V
	10107	-42.83	-25	-17.83	-54.24	-52.38	2.70	12.24	V
	12627	-46.79	-25	-21.79	-62.04	-56.51	2.84	12.55	V
									V
									V



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)
Highest	5100	-50.95	-25	-25.95	-50.38	-58.26	2.39	9.70	H
	7656	-43.06	-25	-18.06	-49.55	-52.57	2.38	11.89	H
	10206	-45.87	-25	-20.87	-58.84	-55.46	2.70	12.28	H
	12753	-45.88	-25	-20.88	-62.17	-55.72	2.87	12.70	H
									H
									H
	5100	-55.58	-25	-30.58	-58.82	-62.89	2.39	9.70	V
	7656	-42.48	-25	-17.48	-49.19	-51.99	2.38	11.89	V
	10206	-46.14	-25	-21.14	-57.89	-55.73	2.70	12.28	V
	12753	-48.38	-25	-23.38	-63.99	-58.22	2.87	12.70	V
									V
									V

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

**LTE Band 12**

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	-40.64	-13.00	-27.64	-26.16	-42.30	0.87	4.68	H
	2096	-45.52	-13.00	-32.52	-34.36	-46.39	1.16	4.19	H
	2800	-62.38	-13.00	-49.38	-54.23	-64.49	1.38	5.64	H
									H
									H
									H
									H
	1400	-41.20	-13.00	-28.20	-26.96	-42.86	0.87	4.68	V
	2096	-52.25	-13.00	-39.25	-40.70	-53.12	1.16	4.19	V
	2800	-58.70	-13.00	-45.70	-50.51	-60.81	1.38	5.64	V
									V
									V
									V
									V
Middle	1416	-40.78	-13.00	-27.78	-26.30	-42.53	0.87	4.78	H
	2120	-42.99	-13.00	-29.99	-32.00	-43.93	1.17	4.26	H
	2824	-62.99	-13.00	-49.99	-54.90	-65.11	1.39	5.66	H
									H
									H
									H
									H
	1416	-42.74	-13.00	-29.74	-28.50	-44.49	0.87	4.78	V
	2120	-46.92	-13.00	-33.92	-35.57	-47.86	1.17	4.26	V
	2824	-60.93	-13.00	-47.93	-52.79	-63.05	1.39	5.66	V
									V
									V
									V
									V



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)
Highest	1432	-41.87	-13.00	-28.87	-27.49	-43.72	0.88	4.88	H
	2144	-49.97	-13.00	-36.97	-39.06	-50.97	1.18	4.33	H
	2856	-62.16	-13.00	-49.16	-54.19	-64.29	1.40	5.68	H
									H
									H
									H
									H
	1432	-42.92	-13.00	-29.92	-28.83	-44.77	0.88	4.88	V
	2144	-54.63	-13.00	-41.63	-43.38	-55.63	1.18	4.33	V
	2856	-58.66	-13.00	-45.66	-50.64	-60.79	1.40	5.68	V
									V
									V
									V
									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	-41.87	-13.00	-28.87	-27.39	-43.53	0.87	4.68	H
	2096	-44.02	-13.00	-31.02	-32.86	-44.89	1.16	4.19	H
	2796	-62.43	-13.00	-49.43	-54.28	-64.53	1.38	5.64	H
									H
									H
									H
									H
	1400	-41.15	-13.00	-28.15	-26.91	-42.81	0.87	4.68	V
	2096	-44.72	-13.00	-31.72	-33.17	-45.59	1.16	4.19	V
	2792	-58.27	-13.00	-45.27	-50.08	-60.37	1.38	5.63	V
									V
									V
									V
									V
Middle	1408	-42.66	-13.00	-29.66	-28.18	-44.37	0.87	4.73	H
	2120	-48.22	-13.00	-35.22	-37.23	-49.16	1.17	4.26	H
	2824	-60.47	-13.00	-47.47	-52.38	-62.59	1.39	5.66	H
									H
									H
									H
									H
	1408	-43.78	-13.00	-30.78	-29.54	-45.49	0.87	4.73	V
	2120	-45.95	-13.00	-32.95	-34.60	-46.89	1.17	4.26	V
	2824	-60.96	-13.00	-47.96	-52.82	-63.08	1.39	5.66	V
									V
									V
									V
									V



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)
Highest	1424	-41.93	-13.00	-28.93	-27.55	-43.73	0.88	4.83	H
	2136	-49.30	-13.00	-36.30	-38.39	-50.28	1.18	4.31	H
	2848	-64.59	-13.00	-51.59	-56.62	-66.72	1.40	5.68	H
									H
									H
									H
									H
	1424	-44.35	-13.00	-31.35	-30.26	-46.15	0.88	4.83	V
	2136	-50.63	-13.00	-37.63	-39.38	-51.61	1.18	4.31	V
	2848	-61.86	-13.00	-48.86	-53.84	-63.99	1.40	5.68	V
									V
									V
									V
									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	-41.96	-13.00	-28.96	-27.48	-43.62	0.87	4.68	H
	2096	-44.77	-13.00	-31.77	-33.61	-45.64	1.16	4.19	H
	2800	-62.06	-13.00	-49.06	-53.91	-64.17	1.38	5.64	H
									H
									H
									H
									H
	1400	-41.75	-13.00	-28.75	-27.51	-43.41	0.87	4.68	V
	2096	-47.81	-13.00	-34.81	-36.26	-48.68	1.16	4.19	V
	2800	-58.18	-13.00	-45.18	-49.99	-60.29	1.38	5.64	V
									V
									V
									V
									V
Middle	1408	-44.99	-13.00	-31.99	-30.51	-46.70	0.87	4.73	H
	2112	-45.75	-13.00	-32.75	-34.67	-46.67	1.17	4.24	H
	2824	-61.39	-13.00	-48.39	-53.30	-63.51	1.39	5.66	H
									H
									H
									H
									H
	1408	-45.97	-13.00	-32.97	-31.73	-47.68	0.87	4.73	V
	2112	-44.98	-13.00	-31.98	-33.53	-45.90	1.17	4.24	V
	2824	-58.87	-13.00	-45.87	-50.73	-60.99	1.39	5.66	V
									V
									V
									V
									V



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)
Highest	1424	-42.50	-13.00	-29.50	-28.12	-44.30	0.88	4.83	H
	2136	-46.24	-13.00	-33.24	-35.33	-47.22	1.18	4.31	H
	2848	-62.83	-13.00	-49.83	-54.86	-64.96	1.40	5.68	H
									H
									H
									H
									H
	1424	-43.89	-13.00	-30.89	-29.80	-45.69	0.88	4.83	V
	2136	-52.45	-13.00	-39.45	-41.20	-53.43	1.18	4.31	V
	2848	-60.31	-13.00	-47.31	-52.29	-62.44	1.40	5.68	V
									V
									V
									V
									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	-42.37	-13.00	-29.37	-27.89	-44.03	0.87	4.68	H
	2096	-52.55	-13.00	-39.55	-41.39	-53.42	1.16	4.19	H
	2800	-60.96	-13.00	-47.96	52.81	-63.07	1.38	5.64	H
									H
									H
									H
									H
	1400	-42.30	-13.00	-29.30	-28.06	-43.96	0.87	4.68	V
	2096	-51.29	-13.00	-38.29	-39.74	-52.16	1.16	4.19	V
	2800	-56.48	-13.00	-43.48	-48.29	-58.59	1.38	5.64	V
									V
									V
									V
									V
Middle	1408	-43.51	-13.00	-30.51	-29.03	-45.22	0.87	4.73	H
	2112	-40.21	-13.00	-27.21	-46.13	-41.13	1.17	4.24	H
	2808	-63.32	-13.00	-50.32	-55.17	-65.43	1.39	5.65	H
									H
									H
									H
									H
	1408	-48.10	-13.00	-35.10	-33.86	-49.81	0.87	4.73	V
	2112	-39.76	-13.00	-26.76	-28.31	-40.68	1.17	4.24	V
	2808	-61.05	-13.00	-48.05	-52.86	-63.16	1.39	5.65	V
									V
									V
									V
									V



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)
Highest	1416	-42.76	-13.00	-29.76	-28.28	-44.51	0.87	4.78	H
	2120	-45.91	-13.00	-32.91	-34.92	-46.85	1.17	4.26	H
	2824	-60.61	-13.00	-47.61	-52.52	-62.73	1.39	5.66	H
									H
									H
									H
									H
	1416	-44.26	-13.00	-31.26	-30.02	-46.01	0.87	4.78	V
	2120	-49.90	-13.00	-36.90	-38.55	-50.84	1.17	4.26	V
	2824	-58.72	-13.00	-45.72	-50.58	-60.84	1.39	5.66	V
	1432	-39.72	-13.00	-26.72	-27.49	-43.72	0.88	4.88	H
	2144	-47.82	-13.00	-34.82	-39.06	-50.97	1.18	4.33	H
	2856	-60.01	-13.00	-47.01	-54.19	-64.29	1.40	5.68	H
									V

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

**LTE Band 17**

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	-44.94	-13	-31.94	-30.46	-46.65	0.87	4.73	H
	2112	-49.12	-13	-36.12	-38.04	-50.04	1.17	4.24	H
	2816	-63.50	-13	-50.50	-55.41	-65.61	1.39	5.65	H
									H
									H
									H
									H
	1408	-45.86	-13	-32.86	-31.62	-47.57	0.87	4.73	V
	2112	-51.33	-13	-38.33	-39.88	-52.25	1.17	4.24	V
	2816	-60.19	-13	-47.19	-52.05	-62.30	1.39	5.65	V
									V
									V
									V
									V
Middle	1416	-39.34	-13	-26.34	-24.86	-41.09	0.87	4.78	H
	2120	-50.50	-13	-37.50	-39.51	-51.44	1.17	4.26	H
	2832	-63.11	-13	-50.11	-55.08	-65.23	1.39	5.67	H
									H
									H
									H
									H
	1416	-39.84	-13	-26.84	-25.60	-41.59	0.87	4.78	V
	2120	-48.47	-13	-35.47	-37.12	-49.41	1.17	4.26	V
	2832	-60.41	-13	-47.41	-52.33	-62.53	1.39	5.67	V
									V
									V
									V
									V



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)
Highest	1424	-40.78	-13	-27.78	-26.40	-42.58	0.88	4.83	H
	2136	-50.64	-13	-37.64	-39.73	-51.62	1.18	4.31	H
	2848	-64.56	-13	-51.56	-56.59	-66.69	1.40	5.68	H
									H
									H
									H
									H
	1424	-41.67	-13	-28.67	-27.58	-43.47	0.88	4.83	V
	2136	-47.02	-13	-34.02	-35.77	-48.00	1.18	4.31	V
	2856	-60.96	-13	-47.96	-52.94	-63.09	1.40	5.68	V
									V
									V
									V
									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	-43.70	-13	-30.70	-29.22	-45.41	0.87	4.73	H
	2112	-54.56	-13	-41.56	-43.48	-55.48	1.17	4.24	H
	2816	-62.17	-13	-49.17	-54.08	-64.28	1.39	5.65	H
									H
									H
									H
									H
	1408	-44.69	-13	-31.69	-30.45	-46.40	0.87	4.73	V
	2112	-55.56	-13	-42.56	-44.11	-56.48	1.17	4.24	V
	2816	-58.80	-13	-45.80	-50.66	-60.91	1.39	5.65	V
									V
									V
									V
									V
Middle	1408	-42.45	-13	-29.45	-27.97	-44.16	0.87	4.73	H
	2120	-42.95	-13	-29.95	-31.96	-43.89	1.17	4.26	H
	2824	-61.09	-13	-48.09	-53.00	-63.21	1.39	5.66	H
									H
									H
									H
									H
	1408	-44.90	-13	-31.90	-30.66	-46.61	0.87	4.73	V
	2120	-42.35	-13	-29.35	-30.90	-43.29	1.17	4.26	V
	2824	-59.50	-13	-46.50	-51.36	-61.62	1.39	5.66	V
									V
									V
									V
									V
									V



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)
Highest	1416	-40.02	-13	-27.02	-25.54	-41.77	0.87	4.78	H
	2120	-55.31	-13	-42.31	-44.32	-56.25	1.17	4.26	H
	2824	-62.83	-13	-49.83	-54.74	-64.95	1.39	5.66	H
									H
									H
									H
									H
	1416	-41.99	-13	-28.99	-27.75	-43.74	0.87	4.78	V
	2120	-53.78	-13	-40.78	-42.43	-54.72	1.17	4.26	V
	2824	-59.23	-13	-46.23	-51.09	-61.35	1.39	5.66	V
									V
									V
									V
									V

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