



## Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-42.26	-13	-29.26	-59.13	-46.86	3	7.60	H
	5640	-43.11	-13	-30.11	-56.90	-49.37	3.84	10.10	H
	7518	-44.45	-13	-31.45	-64.23	-51.95	4.43	11.93	H
	3759	-47.41	-13	-34.41	-60.42	-52.01	3	7.60	V
	5637	-49.37	-13	-36.37	-61.78	-55.63	3.84	10.10	V
	7518	-46.30	-13	-33.30	-64.09	-53.80	4.43	11.93	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-39.12	-13	-26.12	-57.38	-43.72	3	7.60	H
	5637	-46.82	-13	-33.82	-60.61	-53.08	3.84	10.10	H
	7515	-43.45	-13	-30.45	-63.23	-50.95	4.43	11.93	H
	3759	-49.20	-13	-36.20	-61.69	-53.80	3	7.60	V
	5637	-48.40	-13	-35.40	-60.81	-54.66	3.84	10.10	V
	7515	-46.95	-13	-33.95	-64.74	-54.45	4.43	11.93	V

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

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-40.25	-13	-27.25	-58.04	-44.85	3	7.60	H
	5634	-46.47	-13	-33.47	-60.26	-52.73	3.84	10.10	H
	7512	-43.22	-13	-30.22	-63.00	-50.72	4.43	11.93	H
	3756	-48.47	-13	-35.47	-60.96	-53.07	3	7.60	V
	5634	-47.99	-13	-34.99	-60.4	-54.25	3.84	10.10	V
	7512	-46.40	-13	-33.40	-64.19	-53.90	4.43	11.93	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3750	-45.62	-13	-32.62	-60.37	-50.22	3	7.60	H
	5628	-43.45	-13	-30.45	-57.24	-49.71	3.84	10.10	H
	7503	-44.00	-13	-31.00	-63.78	-51.50	4.43	11.93	H
	3750	-45.78	-13	-32.78	-60.01	-50.38	3	7.60	V
	5628	-38.57	-13	-25.57	-54.47	-44.83	3.84	10.10	V
	7503	-45.21	-13	-32.21	-63	-52.71	4.43	11.93	V

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

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-43.87	-13	-30.87	-59.81	-48.47	3	7.60	H
	5619	-43.12	-13	-30.12	-56.91	-49.38	3.84	10.10	H
	7494	-43.31	-13	-30.31	-63.09	-50.81	4.43	11.93	H
	3747	-45.54	-13	-32.54	-59.88	-50.14	3	7.60	V
	5619	-45.87	-13	-32.87	-58.28	-52.13	3.84	10.10	V
	7494	-44.78	-13	-31.78	-62.57	-52.28	4.43	11.93	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-45.86	-13	-32.86	-60.46	-50.46	3	7.60	H
	5613	-43.28	-13	-30.28	-57.07	-49.54	3.84	10.10	H
	7485	-43.98	-13	-30.98	-63.76	-51.48	4.43	11.93	H
	3741	-45.74	-13	-32.74	-59.99	-50.34	3	7.60	V
	5613	-45.49	-13	-32.49	-57.9	-51.75	3.84	10.10	V
	7485	-45.67	-13	-32.67	-63.46	-53.17	4.43	11.93	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-52.52	-13	-39.52	-66.65	-56.89	3.12	7.49	H
	5196.15	-50.16	-13	-37.16	-63.31	-55.96	3.65	9.45	H
	6927	-46.08	-13	-33.08	-62.94	-53.28	4.15	11.35	H
	3465	-54.07	-13	-41.07	-66.89	-58.44	3.12	7.49	V
	5196.15	-49.18	-13	-36.18	-63.19	-54.98	3.65	9.45	V
	6927	-48.11	-13	-35.11	-63.36	-55.31	4.15	11.35	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-53.18	-13	-40.18	-67.31	-57.55	3.12	7.49	H
	5193.72	-49.37	-13	-36.37	-62.52	-55.17	3.65	9.45	H
	6924	-46.12	-13	-33.12	-62.98	-53.32	4.15	11.35	H
	3462	-54.78	-13	-41.78	-67.6	-59.15	3.12	7.49	V
	5193.72	-49.22	-13	-36.22	-63.23	-55.02	3.65	9.45	V
	6924	-47.73	-13	-34.73	-62.98	-54.93	4.15	11.35	V

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

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-53.57	-13	-40.57	-67.70	-57.94	3.12	7.49	H
	5191.02	-49.97	-13	-36.97	-63.12	-55.77	3.65	9.45	H
	6921	-46.01	-13	-33.01	-62.87	-53.21	4.15	11.35	H
	3462	-54.43	-13	-41.43	-67.25	-58.80	3.12	7.49	V
	5191.02	-48.58	-13	-35.58	-62.59	-54.38	3.65	9.45	V
	6921	-47.27	-13	-34.27	-62.52	-54.47	4.15	11.35	V

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

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456	-54.15	-13	-41.15	-68.28	-58.52	3.12	7.49	H
	5184	-46.69	-13	-33.69	-59.84	-52.49	3.65	9.45	H
	6912	-45.95	-13	-32.95	-62.81	-53.15	4.15	11.35	H
	3456	-54.03	-13	-41.03	-66.85	-58.40	3.12	7.49	V
	5184	-49.08	-13	-36.08	-63.09	-54.88	3.65	9.45	V
	6912	-47.65	-13	-34.65	-62.9	-54.85	4.15	11.35	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3453	-52.19	-13	-39.19	-66.32	-56.56	3.12	7.49	H
	5177.52	-48.10	-13	-35.10	-61.25	-53.90	3.65	9.45	H
	6903	-46.73	-13	-33.73	-63.59	-53.93	4.15	11.35	H
	3453	-54.68	-13	-41.68	-67.5	-59.05	3.12	7.49	V
	5177.52	-48.83	-13	-35.83	-62.84	-54.63	3.65	9.45	V
	6903	-47.66	-13	-34.66	-62.91	-54.86	4.15	11.35	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447	-52.46	-13	-39.46	-66.59	-56.83	3.12	7.49	H
	5170.77	-48.26	-13	-35.26	-61.41	-54.06	3.65	9.45	H
	6894	-46.58	-13	-33.58	-63.44	-53.78	4.15	11.35	H
	3447	-53.13	-13	-40.13	-65.95	-57.50	3.12	7.49	V
	5170.77	-48.39	-13	-35.39	-62.4	-54.19	3.65	9.45	V
	6894	-48.18	-13	-35.18	-63.43	-55.38	4.15	11.35	V

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

LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5066	-45.82	-25	-20.82	-59.80	-51.60	3.49	9.27	H
	7598	-46.42	-25	-21.42	-62.96	-54.21	4.28	12.07	H
	10132	-44.54	-25	-19.54	-65.93	-51.84	5.1	12.40	H
	5066	-40.48	-25	-15.48	-56.51	-46.26	3.49	9.27	V
	7598	-46.12	-25	-21.12	-63.14	-53.91	4.28	12.07	V
	10132	-44.78	-25	-19.78	-65.88	-52.08	5.1	12.40	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5060	-45.48	-25	-20.48	-59.46	-51.26	3.49	9.27	H
	7591.77	-45.83	-25	-20.83	-62.37	-53.62	4.28	12.07	H
	10124	-43.17	-25	-18.17	-64.56	-50.47	5.1	12.40	H
	5060	-35.15	-25	-10.15	-53.18	-40.93	3.49	9.27	V
	7591.77	-46.08	-25	-21.08	-63.1	-53.87	4.28	12.07	V
	10124	-45.33	-25	-20.33	-66.43	-52.63	5.1	12.40	V

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

LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5057	-42.47	-25	-17.47	-57.41	-48.25	3.49	9.27	H
	7586	-45.07	-25	-20.07	-61.61	-52.86	4.28	12.07	H
	10112	-44.72	-25	-19.72	-66.11	-52.02	5.1	12.40	H
	5057	-44.10	-25	-19.10	-58.26	-49.88	3.49	9.27	V
	7586	-45.90	-25	-20.90	-62.92	-53.69	4.28	12.07	V
	10112	-44.89	-25	-19.89	-65.99	-52.19	5.1	12.40	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5054	-46.01	-25	-21.01	-59.99	-51.79	3.49	9.27	H
	7577	-45.82	-25	-20.82	-62.36	-53.61	4.28	12.07	H
	10104	-44.86	-25	-19.86	-66.25	-52.16	5.1	12.40	H
	5051	-41.81	-25	-16.81	-57.22	-47.59	3.49	9.27	V
	7577	-46.65	-25	-21.65	-63.67	-54.44	4.28	12.07	V
	10104	-45.17	-25	-20.17	-66.27	-52.47	5.1	12.40	V

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



LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5186	-45.96	-25	-20.96	-59.94	-51.74	3.49	9.27	H
	7778.52	-45.88	-25	-20.88	-62.42	-53.67	4.28	12.07	H
	10372	-43.02	-25	-18.02	-64.41	-50.32	5.1	12.40	H
	5186	-47.55	-25	-22.55	-61.71	-53.33	3.49	9.27	V
	7778.52	-46.07	-25	-21.07	-63.09	-53.86	4.28	12.07	V
	10372	-43.41	-25	-18.41	-64.51	-50.71	5.1	12.40	V

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

LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5180	-47.45	-25	-22.45	-61.43	-53.23	3.49	9.27	H
	7771.77	-44.69	-25	-19.69	-61.23	-52.48	4.28	12.07	H
	10364	-44.42	-25	-19.42	-65.81	-51.72	5.1	12.40	H
	5181.18	-45.50	-25	-20.50	-59.66	-51.28	3.49	9.27	V
	7772	-44.07	-25	-19.07	-61.09	-51.86	4.28	12.07	V
	10364	-44.45	-25	-19.45	-65.55	-51.75	5.1	12.40	V

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

LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5177	-46.92	-25	-21.92	-60.90	-52.70	3.49	9.27	H
	7765.02	-46.51	-25	-21.51	-63.05	-54.30	4.28	12.07	H
	10352	-44.08	-25	-19.08	-65.47	-51.38	5.1	12.40	H
	5177	-47.38	-25	-22.38	-61.54	-53.16	3.49	9.27	V
	7765.02	-46.79	-25	-21.79	-63.81	-54.58	4.28	12.07	V
	10352	-44.85	-25	-19.85	-65.95	-52.15	5.1	12.40	V

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



LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5171	-48.05	-25	-23.05	-62.03	-53.83	3.49	9.27	H
	7758.27	-46.84	-25	-21.84	-63.38	-54.63	4.28	12.07	H
	10344	-43.66	-25	-18.66	-65.05	-50.96	5.1	12.40	H
	5171	-49.50	-25	-24.50	-63.66	-55.28	3.49	9.27	V
	7758.27	-45.17	-25	-20.17	-62.19	-52.96	4.28	12.07	V
	10344	-42.83	-25	-17.83	-63.93	-50.13	5.1	12.40	V

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