

**Radiated Spurious Emission****LTE Band 48 (SISO)**

LTE Band 48 / 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	7105	-43.48	-40	-3.48	-44.97	-53.44	1.78	11.73	H
	10658	-57.08	-40	-17.08	-59.36	-65.51	2.47	10.90	H
	14210	-54.29	-40	-14.29	-61.35	-63.12	2.87	11.70	H
	21318	-52.40	-40	-12.40	-74.23	-69.12	1.98	18.70	H
	24870	-50.58	-40	-10.58	-75.24	-66.61	2.07	18.09	H
	28422	-50.39	-40	-10.39	-75.91	-67.64	2.32	19.57	H
	7105	-44.14	-40	-4.14	-45.74	-54.10	1.78	11.73	V
	10658	-57.31	-40	-17.31	-59.34	-65.74	2.47	10.90	V
	14210	-55.04	-40	-15.04	-61.82	-63.87	2.87	11.70	V
	21318	-52.35	-40	-12.35	-74.05	-69.07	1.98	18.70	V
	24870	-49.58	-40	-9.58	-75.44	-65.61	2.07	18.09	V
	28422	-48.49	-40	-8.49	-75.84	-65.74	2.32	19.57	V
Middle	7250	-43.02	-40	-3.01	-44.87	-52.66	1.86	11.50	H
	10875	-55.34	-40	-15.34	-57.67	-63.66	2.59	10.90	H
	14500	-55.96	-40	-15.96	-63.26	-64.11	2.85	11.00	H
	18122	-53.37	-40	-13.37	-71.51	-69.57	1.77	17.98	H
	21751	-51.85	-40	-11.85	-73.42	-68.64	2.01	18.80	H
	25370	-50.33	-40	-10.33	-75.58	-67.00	2.15	18.82	H
	7250	-45.77	-40	-5.77	-47.88	-55.42	1.86	11.50	V
	10875	-57.36	-40	-17.36	-59.49	-65.68	2.59	10.90	V
	14500	-57.02	-40	-17.02	-58.02	-65.17	2.85	11.00	V
	18122	-54.49	-40	-14.49	-71.71	-70.69	1.77	17.98	V
	21751	-52.31	-40	-12.31	-73.87	-69.10	2.01	18.80	V
	25370	-49.26	-40	-9.26	-75.8	-65.93	2.15	18.82	V
Highest	7395	-44.53	-40	-4.53	-46.86	-53.86	1.93	11.27	H
	11093	-57.08	-40	-17.08	-59.68	-65.48	2.61	11.01	H
	14790	-55.17	-40	-15.17	-64.46	-64.17	2.93	11.93	H
	18488	-53.35	-40	-13.35	-71.71	-69.36	1.90	17.90	H
	22184	-51.51	-40	-11.51	-74.09	-68.28	2.05	18.83	H
	25881	-49.98	-40	-9.98	-76.19	-67.08	1.97	19.08	H
	7395	-47.66	-40	-7.66	-49.82	-56.99	1.93	11.27	V
	11093	-57.35	-40	-17.35	-59.78	-65.75	2.61	11.01	V
	14790	-57.28	-40	-17.28	-64.68	-66.28	2.93	11.93	V
	18488	-54.73	-40	-14.73	-72.23	-70.74	1.90	17.90	V
	22184	-51.87	-40	-11.87	-74.46	-68.64	2.05	18.83	V
	25881	-48.91	-40	-8.91	-76.24	-66.01	1.97	19.08	V

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

**LTE Band 48 (MIMO)**

LTE Band 48 / 20MHz / 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	7138	-45.74	-40	-5.74	-47.86	-55.62	1.79	11.68	H
	10707	-57.38	-40	-17.38	-59.67	-65.78	2.50	10.90	H
	14276	-54.70	-40	-14.70	-61.82	-63.37	2.86	11.54	H
	21418	-52.46	-40	-12.46	-74.01	-69.21	1.95	18.70	H
	24981	-50.65	-40	-10.65	-75.31	-66.84	2.08	18.27	H
	28556	-50.48	-40	-10.48	-75.96	-67.70	2.31	19.53	H
	7138	-43.16	-40	-3.16	-44.93	-53.04	1.79	11.68	V
	10707	-57.46	-40	-17.46	-59.51	-65.86	2.50	10.90	V
	14276	-55.18	-40	-15.18	-61.87	-63.85	2.86	11.54	V
	21418	-49.79	-40	-9.79	-71.28	-66.54	1.95	18.70	V
	24981	-49.17	-40	-9.17	-74.98	-65.36	2.08	18.27	V
	28556	-48.61	-40	-8.61	-75.96	-65.83	2.31	19.53	V
Middle	7268	-47.94	-40	-7.94	-50.29	-57.55	1.86	11.47	H
	10902	-57.01	-40	-17.01	-59.35	-65.31	2.60	10.90	H
	14536	-53.30	-40	-13.30	-60.84	-61.56	2.86	11.12	H
	18166	-50.76	-40	-10.76	-68.92	-66.94	1.79	17.97	H
	21807	-52.44	-40	-12.44	-74.06	-69.23	2.03	18.82	H
	25437	-50.35	-40	-10.35	-75.71	-67.10	2.16	18.91	H
	7268	-45.63	-40	-5.63	-47.75	-55.24	1.86	11.47	V
	10902	-56.50	-40	-16.50	-58.65	-64.80	2.60	10.90	V
	14536	-56.27	-40	-16.27	-62.79	-64.53	2.86	11.12	V
	18166	-53.02	-40	-13.02	-70.27	-69.20	1.79	17.97	V
	21807	-52.88	-40	-12.88	-74.49	-69.67	2.03	18.82	V
	25437	-49.28	-40	-9.28	-75.96	-66.03	2.16	18.91	V
Highest	7398	-47.16	-40	-7.16	-49.48	-56.49	1.93	11.26	H
	11097	-56.05	-40	-16.05	-58.66	-64.46	2.61	11.02	H
	14796	-53.70	-40	-13.70	-63.03	-62.71	2.93	11.95	H
	18499	-51.23	-40	-11.23	-69.6	-67.23	1.90	17.90	H
	22195	-51.49	-40	-11.49	-74.12	-68.26	2.05	18.82	H
	25892	-49.40	-40	-9.40	-75.64	-66.51	1.97	19.08	H
	7398	-46.70	-40	-6.70	-48.86	-56.03	1.93	11.26	V
	11097	-56.53	-40	-16.53	-58.97	-64.94	2.61	11.02	V
	14796	-55.27	-40	-15.27	-62.7	-64.28	2.93	11.95	V
	18499	-53.74	-40	-13.74	-71.25	-69.74	1.90	17.90	V
	22195	-51.42	-40	-11.42	-74.06	-68.19	2.05	18.82	V
	25892	-48.18	-40	-8.18	-75.53	-65.29	1.97	19.08	V

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