



## **Radiated Spurious Emission**

<b>Test Engineer :</b>	J.C. Liang, Bill Chang, and Ken Wu	<b>Temperature :</b>	21~23°C
		<b>Relative Humidity :</b>	45~56%



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	-35.64	-13	-22.64	-50.07	-42.21	1.67	8.24	H
	5548	-49.15	-13	-36.15	-69.25	-56.22	2.65	9.72	H
	7403	-53.06	-13	-40.06	-78.5	-62.21	2.46	11.61	H
									H
									H
									H
									H
	3700	-40.41	-13	-27.41	-54.83	-46.98	1.67	8.24	V
	5548	-52.67	-13	-39.67	-71.34	-59.74	2.65	9.72	V
	7403	-54.63	-13	-41.63	-78.88	-63.78	2.46	11.61	V
									V
									V
									V
									V
Middle	3756	-42.90	-13	-29.90	-57.57	-49.52	1.68	8.31	H
	5639	-53.18	-13	-40.18	-73.01	-60.23	2.71	9.76	H
	7529	-53.53	-13	-40.53	-78.55	-62.93	2.42	11.82	H
									H
									H
									H
									H
	3756	-43.70	-13	-30.70	-58.04	-50.32	1.68	8.31	V
	5639	-55.69	-13	-42.69	-74	-62.74	2.71	9.76	V
	7529	-54.57	-13	-41.57	-78.64	-63.97	2.42	11.82	V
									V
									V
									V
									V



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)
Highest	3819	-40.73	-13	-27.73	-57.62	-47.41	1.70	8.38	H
	5730	-49.99	-13	-36.99	-72.34	-57.02	2.76	9.79	H
	7641	-51.42	-13	-38.42	-78.33	-60.92	2.38	11.88	H
									H
									H
									H
									H
	3819	-41.12	-13	-28.12	-57.34	-47.8	1.70	8.38	V
	5730	-52.90	-13	-39.90	-74.02	-59.93	2.76	9.79	V
	7641	-52.16	-13	-39.16	-78.36	-61.66	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	-38.12	-13	-25.12	-52.62	-44.69	1.67	8.24	H
	5548	-48.76	-13	-35.76	-68.9	-55.83	2.65	9.72	H
	7403	-53.50	-13	-40.50	-78.98	-62.65	2.46	11.61	H
									H
									H
									H
									H
	3700	-40.15	-13	-27.15	-54.5	-46.72	1.67	8.24	V
	5548	-51.97	-13	-38.97	-70.51	-59.04	2.65	9.72	V
	7403	-54.68	-13	-41.68	-78.97	-63.83	2.46	11.61	V
									V
									V
									V
									V
Middle	3756	-41.79	-13	-28.79	-56.4	-48.41	1.68	8.31	H
	5639	-51.84	-13	-38.84	-71.75	-58.89	2.71	9.76	H
	7515	-53.55	-13	-40.55	-78.59	-62.93	2.42	11.81	H
									H
									H
									H
									H
	3756	-43.90	-13	-30.90	-58.29	-50.52	1.68	8.31	V
	5639	-54.19	-13	-41.19	-72.63	-61.24	2.71	9.76	V
	7515	-54.64	-13	-41.64	-78.67	-64.02	2.42	11.81	V
									V
									V
									V
									V



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)
Highest	3812	-39.65	-13	-26.65	-56.57	-46.32	1.70	8.37	H
	5723	-51.54	-13	-38.54	-78.83	-58.58	2.75	9.79	H
	7627	-51.19	-13	-38.19	-78.01	-60.68	2.39	11.88	H
									H
									H
									H
									H
	3812	-40.45	-13	-27.45	-56.7	-47.12	1.70	8.37	V
	5723	-53.98	-13	-40.98	-75.13	-61.02	2.75	9.79	V
	7627	-52.21	-13	-39.21	-78.35	-61.7	2.39	11.88	V
									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	-36.85	-13	-23.85	-51.39	-43.42	1.67	8.24	H
	5548	-50.43	-13	-37.43	-70.54	-57.5	2.65	9.72	H
	7403	-53.51	-13	-40.51	-78.99	-62.66	2.46	11.61	H
									H
									H
									H
									H
	3700	-39.45	-13	-26.45	-53.88	-46.02	1.67	8.24	V
	5548	-53.25	-13	-40.25	-71.82	-60.32	2.65	9.72	V
	7403	-54.69	-13	-41.69	-79.01	-63.84	2.46	11.61	V
									V
									V
									V
									V
Middle	3756	-40.30	-13	-27.30	-55.07	-46.92	1.68	8.31	H
	5632	-51.62	-13	-38.62	-71.59	-58.67	2.70	9.75	H
	7515	-53.66	-13	-40.66	-78.69	-63.04	2.42	11.81	H
									H
									H
									H
									H
	3756	-44.78	-13	-31.78	-59.11	-51.4	1.68	8.31	V
	5632	-53.83	-13	-40.83	-72.21	-60.88	2.70	9.75	V
	7515	-52.73	-13	-39.73	-78.9	-62.11	2.42	11.81	V
									V
									V
									V
									V



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)
Highest	3812	-41.06	-13	-28.06	-58	-47.73	1.70	8.37	H
	5716	-50.17	-13	-37.17	-72.42	-57.21	2.75	9.79	H
	7627	-51.34	-13	-38.34	-78.18	-60.83	2.39	11.88	H
									H
									H
									H
									H
	3812	-40.33	-13	-27.33	-56.47	-47	1.70	8.37	V
	5716	-52.73	-13	-39.73	-73.67	-59.77	2.75	9.79	V
	7627	-52.23	-13	-39.23	-78.4	-61.72	2.39	11.88	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	-37.71	-13	-24.71	-52.24	-44.28	1.67	8.24	H
	5555	-50.07	-13	-37.07	-70.27	-57.14	2.66	9.72	H
	7403	-53.33	-13	-40.33	-78.82	-62.48	2.46	11.61	H
									H
									H
									H
									H
	3700	-40.21	-13	-27.21	-54.64	-46.78	1.67	8.24	V
	5555	-52.45	-13	-39.45	-71.06	-59.52	2.66	9.72	V
	7403	-54.51	-13	-41.51	-78.83	-63.66	2.46	11.61	V
									V
									V
									V
									V
Middle	3749	-36.71	-13	-23.71	-51.38	-43.33	1.68	8.30	H
	5625	-52.15	-13	-39.15	-72.07	-59.2	2.70	9.75	H
	7501	-53.00	-13	-40.00	-78.22	-62.37	2.43	11.80	H
									H
									H
									H
									H
	3749	-43.59	-13	-30.59	-58	-50.21	1.68	8.30	V
	5625	-54.93	-13	-41.93	-73.29	-61.98	2.70	9.75	V
	7501	-54.40	-13	-41.40	-78.64	-63.77	2.43	11.80	V
									V
									V
									V
									V
								V	





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)
Highest	3805	-38.50	-13	-25.50	-55.37	-45.17	1.70	8.37	H
	5702	-52.34	-13	-39.34	-74.56	-59.38	2.74	9.78	H
	7599	-51.52	-13	-38.52	-78.41	-60.98	2.40	11.86	H
									H
									H
									H
									H
	3805	-42.03	-13	-29.03	-58.29	-48.7	1.70	8.37	V
	5702	-52.14	-13	-39.14	-73.13	-59.18	2.74	9.78	V
	7599	-52.16	-13	-39.16	-78.2	-61.62	2.40	11.86	V
									V
									V
									V
									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)
Lowest	3700	-36.26	-13	-23.26	-50.72	-42.83	1.67	8.24	H
	5555	-49.65	-13	-36.65	-69.76	-56.72	2.66	9.72	H
	7403	-53.46	-13	-40.46	-78.88	-62.61	2.46	11.61	H
									H
									H
									H
									H
	3700	-38.08	-13	-25.08	-52.53	-44.65	1.67	8.24	V
	5555	-52.90	-13	-39.90	-71.53	-59.97	2.66	9.72	V
	7403	-54.49	-13	-41.49	-78.78	-63.64	2.46	11.61	V
									V
									V
									V
									V
Middle	3749	-39.83	-13	-26.83	-54.56	-46.45	1.68	8.30	H
	5618	-53.03	-13	-40.03	-72.99	-60.08	2.69	9.75	H
	7501	-53.54	-13	-40.54	-78.67	-62.91	2.43	11.80	H
									H
									H
									H
									H
	3749	-43.33	-13	-30.33	-57.72	-49.95	1.68	8.30	V
	5618	-54.05	-13	-41.05	-72.4	-61.1	2.69	9.75	V
	7501	-54.46	-13	-41.46	-78.65	-63.83	2.43	11.80	V
									V
									V
									V
									V
								V	



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)
Highest	3791	-37.57	-13	-24.57	-54.44	-44.22	1.70	8.35	H
	5688	-52.38	-13	-39.38	-74.52	-59.42	2.73	9.78	H
	7585	-51.58	-13	-38.58	-78.5	-61.03	2.40	11.85	H
									H
									H
									H
									H
	3791	-41.16	-13	-28.16	-57.5	-47.81	1.70	8.35	V
	5688	-52.41	-13	-39.41	-73.36	-59.45	2.73	9.78	V
	7585	-52.48	-13	-39.48	-78.56	-61.93	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	-37.60	-13	-24.60	-52	-44.17	1.67	8.24	H
	5555	-49.65	-13	-36.65	-69.69	-56.72	2.66	9.72	H
	7403	-53.46	-13	-40.46	-78.99	-62.61	2.46	11.61	H
									H
									H
									H
									H
	3700	-38.78	-13	-25.78	-53.18	-45.35	1.67	8.24	V
	5555	-52.20	-13	-39.20	-70.79	-59.27	2.66	9.72	V
	7403	-54.73	-13	-41.73	-79.01	-63.88	2.46	11.61	V
									V
									V
									V
									V
Middle	3742	-38.07	-13	-25.07	-52.66	-44.68	1.68	8.29	H
	5611	-53.22	-13	-40.22	-73.26	-60.28	2.69	9.74	H
	7487	-53.53	-13	-40.53	-78.64	-62.87	2.43	11.77	H
									H
									H
									H
									H
	3742	-43.10	-13	-30.10	-57.52	-49.71	1.68	8.29	V
	5611	-55.45	-13	-42.45	-73.81	-62.51	2.69	9.74	V
	7487	-54.48	-13	-41.48	-78.6	-63.82	2.43	11.77	V
									V
									V
									V
									V
								V	



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)
Highest	3784	-39.17	-13	-26.17	-56.03	-45.82	1.69	8.34	H
	5674	-50.79	-13	-37.79	-72.84	-57.83	2.73	9.77	H
	7571	-51.77	-13	-38.77	-78.63	-61.21	2.41	11.84	H
									H
									H
									H
									H
	3784	-39.45	-13	-26.45	-55.57	-46.1	1.69	8.34	V
	5674	-51.40	-13	-38.40	-72.15	-58.44	2.73	9.77	V
	7571	-52.38	-13	-39.38	-78.49	-61.82	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 4

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)
Lowest	3420	-50.73	-13	-37.73	-62.8	-56.8	1.58	7.65	H
	5128	-52.51	-13	-39.51	-71.27	-59.8	2.41	9.70	H
	6843	-51.63	-13	-38.63	-74.34	-59.6	2.64	10.61	H
									H
									H
									H
									H
	3420	-53.83	-13	-40.83	-65.59	-59.9	1.58	7.65	V
	5128	-56.81	-13	-43.81	-74.81	-64.1	2.41	9.70	V
	6843	-54.33	-13	-41.33	-77.08	-62.3	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-52.06	-13	-39.06	-64.69	-58.3	1.59	7.83	H
	5198	-51.15	-13	-38.15	-70.03	-58.4	2.45	9.70	H
	6927	-52.90	-13	-39.90	-76.44	-61	2.61	10.71	H
									H
									H
									H
									H
	3462	-54.86	-13	-41.86	-67.85	-61.1	1.59	7.83	V
	5198	-57.35	-13	-44.35	-75.39	-64.6	2.45	9.70	V
	6927	-55.40	-13	-42.40	-78.04	-63.5	2.61	10.71	V
									V
									V
									V
									V



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)
Highest	3511	-49.49	-13	-36.49	-62.44	-55.9	1.61	8.01	H
	5261	-53.49	-13	-40.49	-72.52	-60.7	2.49	9.70	H
	7018	-53.45	-13	-40.45	-76.77	-61.7	2.58	10.84	H
									H
									H
									H
									H
	3511	-49.99	-13	-36.99	-63.86	-56.4	1.61	8.01	V
	5261	-57.69	-13	-44.69	-76.16	-64.9	2.49	9.70	V
	7018	-54.65	-13	-41.65	-78.05	-62.9	2.58	10.84	V
									V
									V
									V
									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)
Lowest	3420	-50.23	-13	-37.23	-62.66	-56.3	1.58	7.65	H
	5128	-54.01	-13	-41.01	-72.76	-61.3	2.41	9.70	H
	6843	-52.43	-13	-39.43	-75.47	-60.4	2.64	10.61	H
									H
									H
									H
									H
	3420	-54.03	-13	-41.03	-65.51	-60.1	1.58	7.65	V
	5128	-52.61	-13	-39.61	-70.22	-59.9	2.41	9.70	V
	6843	-52.43	-13	-39.43	-75.19	-60.4	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-56.56	-13	-43.56	-69.15	-62.8	1.59	7.83	H
	5191	-52.95	-13	-39.95	-72.15	-60.2	2.45	9.70	H
	6927	-53.80	-13	-40.80	-76.9	-61.9	2.61	10.71	H
									H
									H
									H
									H
	3462	-58.96	-13	-45.96	-71.82	-65.2	1.59	7.83	V
	5191	-52.25	-13	-39.25	-70.47	-59.5	2.45	9.70	V
	6927	-53.60	-13	-40.60	-76.23	-61.7	2.61	10.71	V
									V
									V
									V
									V





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)
Highest	3504	-47.80	-13	-34.80	-61.03	-54.2	1.61	8.00	H
	5254	-53.48	-13	-40.48	-72.27	-60.7	2.48	9.70	H
	7011	-53.16	-13	-40.16	-76.64	-61.4	2.59	10.82	H
									H
									H
									H
									H
	3504	-50.40	-13	-37.40	-64.22	-56.8	1.61	8.00	V
	5254	-58.08	-13	-45.08	-76.44	-65.3	2.48	9.70	V
	7011	-54.46	-13	-41.46	-77.85	-62.7	2.59	10.82	V
									V
									V
									V
									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)
Lowest	3420	-51.13	-13	-38.13	-63.34	-57.2	1.58	7.65	H
	5128	-54.21	-13	-41.21	-73.02	-61.5	2.41	9.70	H
	6843	-52.23	-13	-39.23	-75	-60.2	2.64	10.61	H
									H
									H
									H
									H
	3420	-53.53	-13	-40.53	-65.73	-59.6	1.58	7.65	V
	5128	-53.61	-13	-40.61	-71.7	-60.9	2.41	9.70	V
	6843	-51.63	-13	-38.63	-73.97	-59.6	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-56.97	-13	-43.97	-69.54	-63.21	1.59	7.83	H
	5191	-53.84	-13	-40.84	-72.4	-61.09	2.45	9.70	H
	6920	-53.86	-13	-40.86	-77.18	-61.95	2.62	10.70	H
									H
									H
									H
									H
	3462	-58.00	-13	-45.00	-71.98	-64.24	1.59	7.83	V
	5191	-52.86	-13	-39.86	-70.77	-60.11	2.45	9.70	V
	6920	-54.17	-13	-41.17	-77.3	-62.26	2.62	10.70	V
									V
									V
									V
									V



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)
Highest	3504	-52.10	-13	-39.10	-65.1	-58.5	1.61	8.00	H
	5254	-55.18	-13	-42.18	-73.75	-62.4	2.48	9.70	H
	7004	-53.28	-13	-40.28	-77	-61.5	2.59	10.81	H
									H
									H
									H
									H
	3504	-53.20	-13	-40.20	-66.68	-59.6	1.61	8.00	V
	5254	-56.08	-13	-43.08	-74.38	-63.3	2.48	9.70	V
	7004	-53.08	-13	-40.08	-76.27	-61.3	2.59	10.81	V
									V
									V
									V
									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)
Lowest	3420	-48.08	-13	-35.08	-61.35	-54.15	1.58	7.65	H
	5135	-53.25	-13	-40.25	-73.1	-60.54	2.41	9.70	H
	6843	-53.97	-13	-40.97	-76.62	-61.94	2.64	10.61	H
									H
									H
									H
									H
	3420	-52.47	-13	-39.47	-64.98	-58.54	1.58	7.65	V
	5135	-52.83	-13	-39.83	-70.72	-60.12	2.41	9.70	V
	6843	-51.81	-13	-38.81	-74.4	-59.78	2.64	10.61	V
									V
									V
									V
									V
Middle	3455	-56.87	-13	-43.87	-69.43	-63.08	1.59	7.80	H
	5184	-51.04	-13	-38.04	-71.19	-58.3	2.44	9.70	H
	5913	-54.24	-13	-41.24	-77.83	-61.24	2.86	9.87	H
									H
									H
									H
									H
	3455	-56.81	-13	-43.81	-69.83	-63.02	1.59	7.80	V
	5184	-53.87	-13	-40.87	-72.05	-61.13	2.44	9.70	V
	5913	-54.41	-13	-41.41	-77.47	-61.41	2.86	9.87	V
									V
									V
									V
									V



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)
Highest	3490	-52.83	-13	-39.83	-64.44	-59.18	1.60	7.96	H
	5240	-53.82	-13	-40.82	-72.39	-61.04	2.48	9.70	H
	5983	-53.93	-13	-40.93	-76.62	-60.92	2.90	9.89	H
									H
									H
									H
									H
	3490	-54.83	-13	-41.83	-68.13	-61.18	1.60	7.96	V
	5240	-55.02	-13	-42.02	-74.46	-62.24	2.48	9.70	V
	5983	-52.48	-13	-39.48	-75.66	-59.47	2.90	9.89	V
									V
									V
									V
									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)
Lowest	3420	-50.61	-13	-37.61	-63.21	-56.68	1.58	7.65	H
	5135	-51.66	-13	-38.66	-70.97	-58.95	2.41	9.70	H
	6843	-52.58	-13	-39.58	-75.6	-60.55	2.64	10.61	H
									H
									H
									H
									H
	3420	-54.24	-13	-41.24	-66.23	-60.31	1.58	7.65	V
	5135	-52.83	-13	-39.83	-70.66	-60.12	2.41	9.70	V
	6843	-52.99	-13	-39.99	-75.5	-60.96	2.64	10.61	V
									V
									V
									V
									V
Middle	3455	-56.36	-13	-43.36	-69.29	-62.57	1.59	7.80	H
	5177	-54.16	-13	-41.16	-73.81	-61.42	2.44	9.70	H
	6906	-53.38	-13	-40.38	-76.69	-61.45	2.62	10.69	H
									H
									H
									H
									H
	3455	-58.66	-13	-45.66	-71.58	-64.87	1.59	7.80	V
	5177	-54.89	-13	-41.89	-72.95	-62.15	2.44	9.70	V
	6906	-53.58	-13	-40.58	-76.33	-61.65	2.62	10.69	V
									V
									V
									V
									V



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)
Highest	3483	-54.20	-13	-41.20	-67.41	-60.53	1.60	7.93	H
	5226	-51.58	-13	-38.58	-70.29	-58.81	2.47	9.70	H
	6962	-53.39	-13	-40.39	-76.74	-61.54	2.60	10.75	H
									H
									H
									H
									H
	3483	-56.45	-13	-43.45	-70.36	-62.78	1.60	7.93	V
	5226	-54.22	-13	-41.22	-72.52	-61.45	2.47	9.70	V
	6962	-53.67	-13	-40.67	-76.77	-61.82	2.60	10.75	V
									V
									V
									V
									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)
Lowest	3420	-51.98	-13	-38.98	-63.63	-58.05	1.58	7.65	H
	5135	-51.58	-13	-38.58	-70.89	-58.87	2.41	9.70	H
	6843	-52.22	-13	-39.22	-75.58	-60.19	2.64	10.61	H
									H
									H
									H
									H
	3420	-54.21	-13	-41.21	-66.64	-60.28	1.58	7.65	V
	5135	-52.73	-13	-39.73	-70.27	-60.02	2.41	9.70	V
	6843	-52.84	-13	-39.84	-75.68	-60.81	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-57.88	-13	-44.88	-69.78	-64.12	1.59	7.83	H
	5191	-54.09	-13	-41.09	-73.31	-61.34	2.45	9.70	H
	7242	-54.20	-13	-41.20	-77.38	-62.97	2.51	11.28	H
									H
									H
									H
									H
	3462	-59.05	-13	-46.05	-72.27	-65.29	1.59	7.83	V
	5191	-54.86	-13	-41.86	-72.57	-62.11	2.45	9.70	V
	7242	-53.29	-13	-40.29	-77.95	-62.06	2.51	11.28	V
									V
									V
									V
									V





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)
Highest	3476	-56.04	-13	-43.04	-68.4	-62.34	1.60	7.89	H
	5212	-51.87	-13	-38.87	-71.08	-59.11	2.46	9.70	H
	6948	-52.21	-13	-39.21	-75.93	-60.34	2.61	10.74	H
									H
									H
									H
									H
	3469	-57.00	-13	-44.00	-70.26	-63.27	1.59	7.86	V
	5212	-51.88	-13	-38.88	-70.32	-59.12	2.46	9.70	V
	6948	-52.22	-13	-39.22	-76.12	-60.35	2.61	10.74	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 )	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	5004	-47.46	-25	-22.46	-66.59	-54.82	2.34	9.70	H
	7500	-47.70	-25	-22.70	-72.82	-57.07	2.43	11.80	H
	10002	-47.15	-25	-22.15	-76.01	-56.65	2.70	12.20	H
	12504	-38.08	-25	-13.08	-73.58	-47.68	2.81	12.40	H
									H
									H
									H
	5004	-44.65	-25	-19.65	-62.19	-52.01	2.34	9.70	V
	7500	-48.83	-25	-23.83	-73.02	-58.2	2.43	11.80	V
	10002	-50.86	-25	-25.86	-77.09	-60.36	2.70	12.20	V
	12504	-42.59	-25	-17.59	-74.73	-52.19	2.81	12.40	V
									V
									V
									V
Middle	5064	-44.84	-25	-19.84	-64.04	-52.17	2.37	9.70	H
	7596	-46.25	-25	-21.25	-70.93	-55.71	2.40	11.86	H
	10134	-46.45	-25	-21.45	-75.26	-56.01	2.70	12.25	H
	12666	-39.12	-25	-14.12	-75.34	-48.87	2.85	12.60	H
									H
									H
									H
	5064	-43.49	-25	-18.49	-61.32	-50.82	2.37	9.70	V
	7596	-48.85	-25	-23.85	-72.74	-58.31	2.40	11.86	V
	10134	-50.16	-25	-25.16	-76.69	-59.72	2.70	12.25	V
	12666	-43.46	-25	-18.46	-76.11	-53.21	2.85	12.60	V
									V
									V
									V



LTE Band 7 / 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	5130	-43.76	-25	-18.76	-62.96	-51.05	2.41	9.70	H
	7698	-44.75	-25	-19.75	-69.72	-54.3	2.37	11.92	H
	10260	-44.49	-25	-19.49	-73.42	-54.1	2.69	12.30	H
	12828	-36.80	-25	-11.80	-73.83	-46.71	2.89	12.79	H
									H
									H
									H
	5130	-41.88	-25	-16.88	-59.94	-49.17	2.41	9.70	V
	7698	-47.77	-25	-22.77	-71.87	-57.32	2.37	11.92	V
	10260	-48.87	-25	-23.87	-75.76	-58.48	2.69	12.30	V
	12828	-41.63	-25	-16.63	-74.87	-51.54	2.89	12.79	V
									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	-46.06	-25	-21.06	-65	-53.42	2.34	9.70	H
	7500	-45.10	-25	-20.10	-70.33	-54.47	2.43	11.80	H
	10002	-47.13	-25	-22.13	-76.01	-56.63	2.70	12.20	H
	12504	-38.21	-25	-13.21	-73.75	-47.81	2.81	12.40	H
									H
									H
									H
	5004	-43.75	-25	-18.75	-61.27	-51.11	2.34	9.70	V
	7500	-47.46	-25	-22.46	-71.58	-56.83	2.43	11.80	V
	10002	-50.50	-25	-25.50	-76.69	-60	2.70	12.20	V
	12504	-44.17	-25	-19.17	-75.39	-53.77	2.81	12.40	V
									V
									V
									V
Middle	5064	-42.34	-25	-17.34	-61.42	-49.67	2.37	9.70	H
	7590	-45.28	-25	-20.28	-69.88	-54.73	2.40	11.85	H
	10122	-44.58	-25	-19.58	-73.56	-54.13	2.70	12.25	H
	12654	-37.97	-25	-12.97	-74.1	-47.71	2.84	12.58	H
									H
									H
									H
	5064	-41.78	-25	-16.78	-59.53	-49.11	2.37	9.70	V
	7590	-47.35	-25	-22.35	-70.31	-56.8	2.40	11.85	V
	10122	-48.48	-25	-23.48	-75.1	-58.03	2.70	12.25	V
	12654	-42.36	-25	-17.36	-74.87	-52.1	2.84	12.58	V
									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	5124	-44.24	-25	-19.24	-63.39	-51.53	2.41	9.70	H
	7680	-46.28	-25	-21.28	-71.06	-55.82	2.37	11.91	H
	10242	-46.02	-25	-21.02	-75.03	-55.62	2.69	12.30	H
	12804	-37.54	-25	-12.54	-74.4	-47.42	2.88	12.76	H
									H
									H
									H
	5124	-43.44	-25	-18.44	-61.49	-50.73	2.41	9.70	V
	7680	-47.46	-25	-22.46	-71.53	-57	2.37	11.91	V
	10242	-48.92	-25	-23.92	-75.79	-58.52	2.69	12.30	V
	12804	-41.80	-25	-16.80	-75.02	-51.68	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	-44.68	-25	-19.68	-63.73	-52.04	2.34	9.70	H
	7500	-45.82	-25	-20.82	-70.84	-55.19	2.43	11.80	H
	10002	-45.32	-25	-20.32	-74.18	-54.82	2.70	12.20	H
	12504	-36.77	-25	-11.77	-72.4	-46.37	2.81	12.40	H
									H
									H
									H
	5004	-40.69	-25	-15.69	-57.86	-48.05	2.34	9.70	V
	7500	-49.55	-25	-24.55	-73.54	-58.92	2.43	11.80	V
	10002	-52.77	-25	-27.77	-78.52	-62.27	2.70	12.20	V
	12504	-43.06	-25	-18.06	-75.32	-52.66	2.81	12.40	V
									V
									V
									V
Middle	5058	-41.12	-25	-16.12	-60.21	-48.45	2.37	9.70	H
	7584	-44.87	-25	-19.87	-69.64	-54.32	2.40	11.85	H
	10116	-45.27	-25	-20.27	-74.11	-54.82	2.70	12.25	H
	12642	-37.49	-25	-12.49	-73.48	-47.22	2.84	12.57	H
									H
									H
									H
	5058	-39.49	-25	-14.49	-57.31	-46.82	2.37	9.70	V
	7584	-46.22	-25	-21.22	-70.17	-55.67	2.40	11.85	V
	10116	-50.03	-25	-25.03	-76.53	-59.58	2.70	12.25	V
	12642	-40.84	-25	-15.84	-73.52	-50.57	2.84	12.57	V
									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	-44.89	-25	-19.89	-63.37	-52.19	2.40	9.70	H
	7668	-45.55	-25	-20.55	-70.31	-55.08	2.38	11.90	H
	10224	-46.63	-25	-21.63	-75.41	-56.22	2.69	12.29	H
	12780	-37.68	-25	-12.68	-73.97	-47.54	2.87	12.74	H
									H
									H
									H
	5112	-40.64	-25	-15.64	-58.9	-47.94	2.40	9.70	V
	7668	-47.69	-25	-22.69	-71.96	-57.22	2.38	11.90	V
	10224	-49.50	-25	-24.50	-76.46	-59.09	2.69	12.29	V
	12780	-41.45	-25	-16.45	-74.64	-51.31	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	-47.93	-25	-22.93	-66.29	-55.29	2.34	9.70	H
	7506	-47.70	-25	-22.70	-72.14	-57.08	2.43	11.80	H
	10040	-47.66	-25	-22.66	-76.49	-57.18	2.70	12.22	H
	12550	-37.00	-25	-12.00	-72.54	-46.64	2.82	12.46	H
									H
									H
									H
	5004	-42.90	-25	-17.90	-59.95	-50.26	2.34	9.70	V
	7506	-49.73	-25	-24.73	-73.47	-59.11	2.43	11.80	V
	10040	-52.57	-25	-27.57	-78.27	-62.09	2.70	12.22	V
	12550	-42.10	-25	-17.10	-74.62	-51.74	2.82	12.46	V
									V
									V
									V
Middle	5052	-41.88	-25	-16.88	-60.85	-49.21	2.37	9.70	H
	7578	-45.70	-25	-20.70	-70.44	-55.14	2.40	11.85	H
	10104	-46.82	-25	-21.82	-75.62	-56.37	2.70	12.24	H
	12630	-36.47	-25	-11.47	-72.08	-46.19	2.84	12.56	H
									H
									H
									H
	5052	-38.92	-25	-13.92	-56.32	-46.25	2.37	9.70	V
	7578	-47.63	-25	-22.63	-71.8	-57.07	2.40	11.85	V
	10104	-49.70	-25	-24.70	-76.42	-59.25	2.70	12.24	V
	12630	-40.10	-25	-15.10	-73.47	-49.82	2.84	12.56	V
									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	-46.20	-25	-21.20	-65.25	-53.51	2.39	9.70	H
	7656	-48.73	-25	-23.73	-72.74	-58.24	2.38	11.89	H
	10206	-47.74	-25	-22.74	-76.22	-57.33	2.70	12.28	H
	12756	-37.08	-25	-12.08	-74.47	-46.92	2.87	12.71	H
									H
									H
									H
	5100	-41.89	-25	-16.89	-59.79	-49.2	2.39	9.70	V
	7656	-47.90	-25	-22.90	-71.69	-57.41	2.38	11.89	V
	10206	-52.44	-25	-27.44	-78.9	-62.03	2.70	12.28	V
	12756	-42.97	-25	-17.97	-75.61	-52.81	2.87	12.71	V
									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	-63.94	-13.00	-50.94	-68.88	-65.60	0.87	4.68	H
	2096	-60.63	-13.00	-47.63	-69.37	-61.50	1.16	4.19	H
	2796	-64.20	-13.00	-51.20	-75.39	-66.30	1.38	5.64	H
									H
									H
									H
									H
	1400	-67.64	-13.00	-54.64	-71.84	-69.30	0.87	4.68	V
	2096	-59.53	-13.00	-46.53	-68.37	-60.40	1.16	4.19	V
	2800	-64.29	-13.00	-51.29	-75.52	-66.40	1.38	5.64	V
									V
									V
									V
									V
Middle	1416	-66.85	-13.00	-53.85	-71.81	-68.60	0.87	4.78	H
	2120	-62.46	-13.00	-49.46	-71.56	-63.40	1.17	4.26	H
	2827	-64.48	-13.00	-51.48	-75.35	-66.60	1.39	5.66	H
									H
									H
									H
									H
	1416	-68.45	-13.00	-55.45	-72.78	-70.20	0.87	4.78	V
	2120	-61.16	-13.00	-48.16	-70.62	-62.10	1.17	4.26	V
	2832	-63.78	-13.00	-50.78	-75.45	-65.90	1.39	5.67	V
									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	-63.85	-13.00	-50.85	-69.00	-65.70	0.88	4.88	H
	2144	-57.20	-13.00	-44.20	-66.10	-58.20	1.18	4.33	H
	2856	-64.07	-13.00	-51.07	-74.92	-66.20	1.40	5.68	H
	3576	-61.29	-13.00	-48.29	-74.98	-65.60	1.63	8.09	H
									H
									H
									H
	1432	-67.65	-13.00	-54.65	-71.80	-69.50	0.88	4.88	V
	2144	-57.20	-13.00	-44.20	-66.34	-58.20	1.18	4.33	V
	2856	-64.07	-13.00	-51.07	-75.33	-66.20	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	-64.14	-13.00	-51.14	-68.90	-65.80	0.87	4.68	H
	2096	-59.33	-13.00	-46.33	-67.97	-60.20	1.16	4.19	H
	2796	-64.80	-13.00	-51.80	-75.73	-66.90	1.38	5.64	H
									H
									H
									H
									H
	1400	-67.94	-13.00	-54.94	-71.67	-69.60	0.87	4.68	V
	2096	-56.93	-13.00	-43.93	-65.27	-57.80	1.16	4.19	V
	2796	-64.50	-13.00	-51.50	-75.64	-66.60	1.38	5.64	V
									V
									V
									V
									V
Middle	1416	-66.65	-13.00	-53.65	-71.62	-68.40	0.87	4.78	H
	2120	-57.46	-13.00	-44.46	-66.31	-58.40	1.17	4.26	H
	2824	-64.98	-13.00	-51.98	-75.54	-67.10	1.39	5.66	H
	3528	-60.13	-13.00	-47.13	-73.70	-64.40	1.61	8.03	H
									H
									H
									H
	1416	-69.15	-13.00	-56.15	-73.15	-70.90	0.87	4.78	V
	2120	-58.46	-13.00	-45.46	-66.16	-59.40	1.17	4.26	V
	2824	-64.08	-13.00	-51.08	-75.51	-66.20	1.39	5.66	V
									V
									V
									V
									V



Highest	1424	-65.50	-13.00	-52.50	-70.17	-67.30	0.88	4.83	H
	2144	-58.60	-13.00	-45.60	-67.22	-59.60	1.18	4.33	H
	2852	-64.17	-13.00	-51.17	-75.11	-66.30	1.40	5.68	H
									H
									H
									H
									H
	1424	-69.00	-13.00	-56.00	-72.37	-70.80	0.88	4.83	V
	2144	-56.80	-13.00	-43.80	-66.69	-57.80	1.18	4.33	V
	2856	-63.97	-13.00	-50.97	-75.29	-66.10	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	-64.04	-13.00	-51.04	-68.80	-65.70	0.87	4.68	H
	2096	-57.63	-13.00	-44.63	-66.01	-58.50	1.16	4.19	H
	2796	-64.10	-13.00	-51.10	-75.46	-66.20	1.38	5.64	H
									H
									H
									H
									H
	1400	-68.84	-13.00	-55.84	-71.74	-70.50	0.87	4.68	V
	2096	-54.03	-13.00	-41.03	-62.95	-54.90	1.16	4.19	V
	2796	-64.20	-13.00	-51.20	-75.71	-66.30	1.38	5.64	V
									V
									V
									V
									V
Middle	1408	-66.49	-13.00	-53.49	-71.54	-68.20	0.87	4.73	H
	2120	-57.56	-13.00	-44.56	-66.48	-58.50	1.17	4.26	H
	2820	-65.09	-13.00	-52.09	-75.66	-67.20	1.39	5.66	H
									H
									H
									H
									H
	1408	-68.59	-13.00	-55.59	-72.76	-70.30	0.87	4.73	V
	2120	-55.66	-13.00	-42.66	-64.72	-56.60	1.17	4.26	V
	2820	-64.49	-13.00	-51.49	-75.59	-66.60	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	-64.30	-13.00	-51.30	-69.45	-66.10	0.88	4.83	H
	2136	-57.12	-13.00	-44.12	-65.64	-58.10	1.18	4.31	H
	2844	-65.07	-13.00	-52.07	-75.55	-67.20	1.40	5.68	H
									H
									H
									H
									H
	1424	-67.50	-13.00	-54.50	-71.06	-69.30	0.88	4.83	V
	2136	-53.32	-13.00	-40.32	-62.92	-54.30	1.18	4.31	V
	2844	-64.47	-13.00	-51.47	-75.62	-66.60	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	-63.44	-13.00	-50.44	-68.24	-65.10	0.87	4.68	H
	2096	-58.83	-13.00	-45.83	-67.09	-59.70	1.16	4.19	H
	2796	-64.40	-13.00	-51.40	-75.44	-66.50	1.38	5.64	H
									H
									H
									H
									H
	1400	-67.44	-13.00	-54.44	-71.11	-69.10	0.87	4.68	V
	2096	-55.63	-13.00	-42.63	-64.34	-56.50	1.16	4.19	V
	2796	-64.70	-13.00	-51.70	-75.76	-66.80	1.38	5.64	V
									V
									V
									V
									V
Middle	1408	-65.79	-13.00	-52.79	-70.74	-67.50	0.87	4.73	H
	2112	-57.78	-13.00	-44.78	-66.45	-58.70	1.17	4.24	H
	2810	-64.99	-13.00	-51.99	-75.66	-67.10	1.39	5.65	H
									H
									H
									H
									H
	1408	-67.69	-13.00	-54.69	-72.15	-69.40	0.87	4.73	V
	2112	-55.88	-13.00	-42.88	-64.59	-56.80	1.17	4.24	V
	2810	-64.49	-13.00	-51.49	-75.51	-66.60	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	-65.75	-13.00	-52.75	-70.71	-67.50	0.87	4.78	H
	2120	-58.86	-13.00	-45.86	-67.23	-59.80	1.17	4.26	H
	2824	-64.48	-13.00	-51.48	-75.66	-66.60	1.39	5.66	H
									H
									H
									H
									H
	1416	-68.35	-13.00	-55.35	-72.72	-70.10	0.87	4.78	V
	2120	-56.56	-13.00	-43.56	-65.94	-57.50	1.17	4.26	V
	2824	-63.98	-13.00	-50.98	-75.48	-66.10	1.39	5.66	V
									V
									V
									V
									V

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