



Radiated Spurious Emission

<Ant. 1>

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	-55.54	-13	-42.54	-76.06	-62.11	1.67	8.24	H
	5548	-49.73	-13	-36.73	-76.38	-56.8	2.65	9.72	H
	7400	-46.71	-13	-33.71	-79.91	-55.85	2.46	11.60	H
									H
									H
	3700	-55.99	-13	-42.99	-76.51	-62.56	1.67	8.24	V
	5548	-48.83	-13	-35.83	-75.48	-55.9	2.65	9.72	V
	7400	-46.79	-13	-33.79	-79.99	-55.93	2.46	11.60	V
									V
									V
Middle	3763	-55.97	-13	-42.97	-76.58	-62.6	1.69	8.32	H
	5639	-50.18	-13	-37.18	-77.07	-57.23	2.71	9.76	H
	7526	-46.24	-13	-33.24	-79.69	-55.63	2.42	11.82	H
									H
									H
	3763	-54.92	-13	-41.92	-75.53	-61.55	1.69	8.32	V
	5639	-48.81	-13	-35.81	-75.7	-55.86	2.71	9.76	V
	7526	-46.57	-13	-33.57	-80.02	-55.96	2.42	11.82	V
									V
									V



Highest	3820	-56.40	-13	-43.40	-77.09	-63.08	1.70	8.38	H
	5730	-47.89	-13	-34.89	-75.05	-54.92	2.76	9.79	H
	7640	-46.11	-13	-33.11	-79.75	-55.61	2.38	11.88	H
									H
									H
									H
									H
	3820	-56.40	-13	-43.40	-77.09	-63.08	1.70	8.38	V
	5730	-46.74	-13	-33.74	-73.9	-53.77	2.76	9.79	V
	7640	-46.07	-13	-33.07	-79.71	-55.57	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	-55.29	-13	-42.29	-75.81	-61.86	1.67	8.24	H
	5548	-49.65	-13	-36.65	-76.3	-56.72	2.65	9.72	H
	7400	-46.84	-13	-33.84	-80.04	-55.98	2.46	11.60	H
									H
									H
									H
									H
	3700	-56.03	-13	-43.03	-76.55	-62.6	1.67	8.24	V
	5548	-48.20	-13	-35.20	-74.85	-55.27	2.65	9.72	V
	7400	-46.74	-13	-33.74	-79.94	-55.88	2.46	11.60	V
									V
									V
									V
									V
Middle	3756	-54.81	-13	-41.81	-75.4	-61.43	1.68	8.31	H
	5639	-49.40	-13	-36.40	-76.29	-56.45	2.71	9.76	H
	7512	-46.47	-13	-33.47	-79.9	-55.85	2.43	11.81	H
									H
									H
									H
									H
	3756	-54.72	-13	-41.72	-75.31	-61.34	1.68	8.31	V
	5639	-47.96	-13	-34.96	-74.85	-55.01	2.71	9.76	V
	7512	-46.48	-13	-33.48	-79.91	-55.86	2.43	11.81	V
									V
									V
									V
									V



Highest	3812	-54.89	-13	-41.89	-75.55	-61.56	1.70	8.37	H
	5723	-48.41	-13	-35.41	-75.57	-55.45	2.75	9.79	H
	7627	-45.90	-13	-32.90	-79.51	-55.39	2.39	11.88	H
									H
									H
									H
									H
	3812	-55.63	-13	-42.63	-76.29	-62.3	1.70	8.37	V
	5723	-49.06	-13	-36.06	-76.22	-56.1	2.75	9.79	V
	7624	-43.95	-13	-30.95	-77.56	-53.44	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 / 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	-55.05	-13	-42.05	-75.57	-61.62	1.67	8.24	H
	5548	-50.33	-13	-37.33	-76.98	-57.4	2.65	9.72	H
	7400	-46.82	-13	-33.82	-80.02	-55.96	2.46	11.60	H
									H
									H
									H
									H
	3700	-55.37	-13	-42.37	-75.89	-61.94	1.67	8.24	V
	5548	-49.77	-13	-36.77	-76.42	-56.84	2.65	9.72	V
	7400	-46.75	-13	-33.75	-79.95	-55.89	2.46	11.60	V
									V
									V
									V
									V
Middle	3756	-54.92	-13	-41.92	-75.51	-61.54	1.68	8.31	H
	5632	-49.55	-13	-36.55	-76.38	-56.6	2.70	9.75	H
	7512	-46.21	-13	-33.21	-79.64	-55.59	2.43	11.81	H
									H
									H
									H
									H
	3756	-54.30	-13	-41.30	-74.89	-60.92	1.68	8.31	V
	5632	-48.17	-13	-35.17	-75	-55.22	2.70	9.75	V
	7512	-46.29	-13	-33.29	-79.72	-55.67	2.43	11.81	V
									V
									V
									V
									V
								V	



Highest	3812	-55.30	-13	-42.30	-75.96	-61.97	1.70	8.37	H
	5716	-47.55	-13	-34.55	-74.65	-54.59	2.75	9.79	H
	7620	-45.91	-13	-32.91	-79.48	-55.39	2.39	11.87	H
									H
									H
									H
									H
	3812	-55.06	-13	-42.06	-75.72	-61.73	1.70	8.37	V
	5716	-47.51	-13	-34.51	-74.61	-54.55	2.75	9.79	V
	7620	-45.02	-13	-32.02	-78.59	-54.5	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	-55.32	-13	-42.32	-75.84	-61.89	1.67	8.24	H
	5555	-49.58	-13	-36.58	-76.22	-56.65	2.66	9.72	H
	7400	-47.00	-13	-34.00	-80.2	-56.14	2.46	11.60	H
									H
									H
									H
									H
	3700	-55.61	-13	-42.61	-76.13	-62.18	1.67	8.24	V
	5555	-48.88	-13	-35.88	-75.52	-55.95	2.66	9.72	V
	7400	-46.57	-13	-33.57	-79.77	-55.71	2.46	11.60	V
									V
									V
									V
									V
Middle	3749	-54.65	-13	-41.65	-75.24	-61.27	1.68	8.30	H
	5625	-48.63	-13	-35.63	-75.47	-55.68	2.70	9.75	H
	7500	-46.26	-13	-33.26	-79.66	-55.63	2.43	11.80	H
									H
									H
									H
									H
	3749	-54.14	-13	-41.14	-74.73	-60.76	1.68	8.30	V
	5625	-48.03	-13	-35.03	-74.87	-55.08	2.70	9.75	V
	7500	-46.35	-13	-33.35	-79.75	-55.72	2.43	11.80	V
									V
									V
									V
									V



Highest	3805	-55.50	-13	-42.50	-76.16	-62.17	1.70	8.37	H
	5702	-47.46	-13	-34.46	-74.57	-54.5	2.74	9.78	H
	7606	-45.63	-13	-32.63	-79.21	-55.1	2.40	11.86	H
									H
									H
									H
									H
	3805	-54.75	-13	-41.75	-75.41	-61.42	1.70	8.37	V
	5702	-47.73	-13	-34.73	-74.84	-54.77	2.74	9.78	V
	7606	-44.65	-13	-31.65	-78.23	-54.12	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	-54.92	-13	-41.92	-75.44	-61.49	1.67	8.24	H
	5555	-49.39	-13	-36.39	-76.03	-56.46	2.66	9.72	H
	7400	-46.86	-13	-33.86	-80.06	-56	2.46	11.60	H
									H
									H
									H
									H
	3700	-55.29	-13	-42.29	-75.81	-61.86	1.67	8.24	V
	5555	-48.82	-13	-35.82	-75.46	-55.89	2.66	9.72	V
	7400	-46.65	-13	-33.65	-79.85	-55.79	2.46	11.60	V
									V
									V
									V
									V
Middle	3749	-54.87	-13	-41.87	-75.46	-61.49	1.68	8.30	H
	5618	-49.14	-13	-36.14	-75.98	-56.19	2.69	9.75	H
	7498	-46.73	-13	-33.73	-80.13	-56.1	2.43	11.80	H
									H
									H
									H
									H
	3749	-54.27	-13	-41.27	-74.86	-60.89	1.68	8.30	V
	5618	-48.93	-13	-35.93	-75.77	-55.98	2.69	9.75	V
	7498	-46.36	-13	-33.36	-79.76	-55.73	2.43	11.80	V
									V
									V
									V
									V



Highest	3792	-56.62	-13	-43.62	-77.26	-63.27	1.70	8.35	H
	5688	-48.39	-13	-35.39	-75.44	-55.43	2.73	9.78	H
	7585	-45.71	-13	-32.71	-79.23	-55.16	2.40	11.85	H
									H
									H
									H
									H
	3792	-55.58	-13	-42.58	-76.22	-62.23	1.70	8.35	V
	5688	-48.06	-13	-35.06	-75.11	-55.1	2.73	9.78	V
	7585	-45.01	-13	-32.01	-78.53	-54.46	2.40	11.85	V
									V
									V
									V
									V

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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	-55.78	-13	-42.78	-76.33	-62.35	1.67	8.24	H
	5555	-49.12	-13	-36.12	-75.82	-56.19	2.66	9.72	H
	7400	-46.74	-13	-33.74	-79.72	-55.88	2.46	11.60	H
									H
									H
									H
									H
	3700	-55.81	-13	-42.81	-76.26	-62.38	1.67	8.24	V
	5555	-49.98	-13	-36.98	-75.68	-57.05	2.66	9.72	V
	7400	-46.96	-13	-33.96	-79.9	-56.1	2.46	11.60	V
									V
									V
									V
									V
Middle	3742	-54.03	-13	-41.03	-74.6	-60.64	1.68	8.29	H
	5611	-49.47	-13	-36.47	-76.25	-56.53	2.69	9.74	H
	7484	-46.26	-13	-33.26	-79.63	-55.59	2.43	11.77	H
									H
									H
									H
									H
	3742	-54.41	-13	-41.41	-74.98	-61.02	1.68	8.29	V
	5611	-48.88	-13	-35.88	-75.66	-55.94	2.69	9.74	V
	7484	-46.34	-13	-33.34	-79.71	-55.67	2.43	11.77	V
									V
									V
									V
									V



Highest	3783	-56.60	-13	-43.60	-77.57	-63.25	1.69	8.34	H
	5674	-48.60	-13	-35.60	-75.45	-55.64	2.73	9.77	H
	7565	-46.49	-13	-33.49	-79.63	-55.92	2.41	11.84	H
									H
									H
									H
									H
	3783	-55.89	-13	-42.89	-76.53	-62.54	1.69	8.34	V
	5674	-46.84	-13	-33.84	-73.84	-53.88	2.73	9.77	V
	7565	-46.27	-13	-33.27	-79.77	-55.7	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	-55.82	-13	-42.82	-75.83	-61.89	1.58	7.65	H	
	5130	-53.29	-13	-40.29	-78.84	-60.58	2.41	9.70	H	
	6840	-47.41	-13	-34.41	-79.39	-55.38	2.64	10.61	H	
										H
										H
										H
										H
	3420	-55.95	-13	-42.95	-75.96	-62.02	1.58	7.65	V	
	5130	-53.16	-13	-40.16	-78.71	-60.45	2.41	9.70	V	
	6840	-48.04	-13	-35.04	-80.02	-56.01	2.64	10.61	V	
										V
										V
										V
										V
Middle	3462	-56.21	-13	-43.21	-76.36	-62.45	1.59	7.83	H	
	5193	-54.04	-13	-41.04	-79.76	-61.29	2.45	9.70	H	
	6924	-47.56	-13	-34.56	-79.74	-55.65	2.62	10.71	H	
										H
										H
										H
										H
	3462	-56.23	-13	-43.23	-76.38	-62.47	1.59	7.83	V	
	5193	-54.08	-13	-41.08	-79.8	-61.33	2.45	9.70	V	
	6924	-47.99	-13	-34.99	-80.17	-56.08	2.62	10.71	V	
										V
										V
										V
										V



Highest	3511	-56.63	-13	-43.63	-76.88	-63.04	1.61	8.01	H
	5261	-54.31	-13	-41.31	-80.19	-61.52	2.49	9.70	H
	7022	-47.49	-13	-34.49	-79.97	-55.75	2.58	10.84	H
									H
									H
									H
									H
	3511	-55.82	-13	-42.82	-76.07	-62.23	1.61	8.01	V
	5267	-52.64	-13	-39.64	-78.52	-59.85	2.49	9.70	V
	7022	-47.45	-13	-34.45	-79.93	-55.71	2.58	10.84	V
									V
									V
									V
									V

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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	-55.96	-13	-42.96	-75.96	-62.03	1.58	7.65	H
	5130	-53.62	-13	-40.62	-79.16	-60.91	2.41	9.70	H
	6840	-48.40	-13	-35.40	-80.37	-56.37	2.64	10.61	H
									H
									H
									H
									H
	3420	-55.75	-13	-42.75	-75.75	-61.82	1.58	7.65	V
	5130	-53.11	-13	-40.11	-78.65	-60.4	2.41	9.70	V
	6840	-48.10	-13	-35.10	-80.07	-56.07	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-55.95	-13	-42.95	-76.09	-62.19	1.59	7.83	H
	5193	-53.51	-13	-40.51	-79.22	-60.76	2.45	9.70	H
	6924	-47.74	-13	-34.74	-79.91	-55.83	2.62	10.71	H
									H
									H
									H
									H
	3462	-56.08	-13	-43.08	-76.22	-62.32	1.59	7.83	V
	5193	-53.56	-13	-40.56	-79.27	-60.81	2.45	9.70	V
	6924	-48.16	-13	-35.16	-80.33	-56.25	2.62	10.71	V
									V
									V
									V
									V



Highest	3504	-56.92	-13	-43.92	-77.14	-63.32	1.61	8.00	H
	5254	-53.60	-13	-40.60	-79.43	-60.82	2.48	9.70	H
	7008	-46.61	-13	-33.61	-79.04	-54.84	2.59	10.82	H
									H
									H
									H
									H
	3504	-56.75	-13	-43.75	-76.97	-63.15	1.61	8.00	V
	5254	-51.93	-13	-38.93	-77.76	-59.15	2.48	9.70	V
	7008	-47.61	-13	-34.61	-80.04	-55.84	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	-54.83	-13	-41.83	-74.83	-60.9	1.58	7.65	H
	5130	-53.36	-13	-40.36	-78.9	-60.65	2.41	9.70	H
	6840	-47.99	-13	-34.99	-79.96	-55.96	2.64	10.61	H
									H
									H
									H
									H
	3420	-54.78	-13	-41.78	-74.78	-60.85	1.58	7.65	V
	5130	-53.63	-13	-40.63	-79.17	-60.92	2.41	9.70	V
	6840	-47.94	-13	-34.94	-79.91	-55.91	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-56.24	-13	-43.24	-76.38	-62.48	1.59	7.83	H
	5190	-54.05	-13	-41.05	-79.71	-61.3	2.45	9.70	H
	6920	-48.15	-13	-35.15	-80.32	-56.24	2.62	10.70	H
									H
									H
									H
									H
	3462	-55.44	-13	-42.44	-75.58	-61.68	1.59	7.83	V
	5190	-53.45	-13	-40.45	-79.11	-60.7	2.45	9.70	V
	6920	-48.04	-13	-35.04	-80.21	-56.13	2.62	10.70	V
									V
									V
									V
									V



Highest	3504	-56.15	-13	-43.15	-76.37	-62.55	1.61	8.00	H
	5254	-54.05	-13	-41.05	-79.88	-61.27	2.48	9.70	H
	7000	-47.67	-13	-34.67	-80.11	-55.88	2.59	10.80	H
									H
									H
									H
									H
	3504	-56.20	-13	-43.20	-76.42	-62.6	1.61	8.00	V
	5254	-52.62	-13	-39.62	-78.45	-59.84	2.48	9.70	V
	7000	-47.76	-13	-34.76	-80.2	-55.97	2.59	10.80	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	-55.49	-13	-42.49	-75.49	-61.56	1.58	7.65	H
	5131	-53.91	-13	-40.91	-79.45	-61.2	2.41	9.70	H
	6842	-48.10	-13	-35.10	-80.07	-56.07	2.64	10.61	H
									H
									H
									H
									H
	3420	-55.35	-13	-42.35	-75.35	-61.42	1.58	7.65	V
	5131	-53.95	-13	-40.95	-79.49	-61.24	2.41	9.70	V
	6842	-48.21	-13	-35.21	-80.18	-56.18	2.64	10.61	V
									V
									V
									V
									V
Middle	3455	-55.13	-13	-42.13	-76.06	-61.34	1.59	7.80	H
	5183	-53.63	-13	-40.63	-79.52	-60.89	2.44	9.70	H
	6910	-47.40	-13	-34.40	-80.07	-55.47	2.62	10.69	H
									H
									H
									H
									H
	3455	-55.73	-13	-42.73	-75.81	-61.94	1.59	7.80	V
	5183	-53.61	-13	-40.61	-79.27	-60.87	2.44	9.70	V
	6910	-48.05	-13	-35.05	-80.22	-56.12	2.62	10.69	V
									V
									V
									V
									V
								V	



Highest	3490	-56.30	-13	-43.30	-76.48	-62.65	1.60	7.96	H
	5236	-54.18	-13	-41.18	-79.98	-61.41	2.47	9.70	H
	6982	-47.18	-13	-34.18	-79.56	-55.36	2.60	10.78	H
									H
									H
									H
									H
	3490	-55.78	-13	-42.78	-75.96	-62.13	1.60	7.96	V
	5236	-54.21	-13	-41.21	-80.01	-61.44	2.47	9.70	V
	6982	-47.55	-13	-34.55	-79.93	-55.73	2.60	10.78	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	-54.08	-13	-41.08	-74.09	-60.15	1.58	7.65	H
	5130	-53.83	-13	-40.83	-79.38	-61.12	2.41	9.70	H
	6840	-47.81	-13	-34.81	-79.79	-55.78	2.64	10.61	H
									H
									H
									H
									H
	3420	-54.74	-13	-41.74	-74.75	-60.81	1.58	7.65	V
	5130	-54.06	-13	-41.06	-79.61	-61.35	2.41	9.70	V
	6840	-48.26	-13	-35.26	-80.24	-56.23	2.64	10.61	V
									V
									V
									V
									V
Middle	3455	-55.93	-13	-42.93	-76.02	-62.14	1.59	7.80	H
	5183	-53.99	-13	-40.99	-79.66	-61.25	2.44	9.70	H
	6910	-47.94	-13	-34.94	-80.12	-56.01	2.62	10.69	H
									H
									H
									H
									H
	3455	-55.16	-13	-42.16	-75.25	-61.37	1.59	7.80	V
	5183	-53.95	-13	-40.95	-79.62	-61.21	2.44	9.70	V
	6910	-48.15	-13	-35.15	-80.33	-56.22	2.62	10.69	V
									V
									V
									V
									V



Highest	3483	-55.06	-13	-42.06	-75.25	-61.39	1.60	7.93	H
	5225	-53.76	-13	-40.76	-79.57	-60.99	2.47	9.70	H
	6966	-47.77	-13	-34.77	-80.11	-55.93	2.60	10.76	H
									H
									H
									H
									H
	3483	-56.25	-13	-43.25	-76.44	-62.58	1.60	7.93	V
	5225	-53.36	-13	-40.36	-79.17	-60.59	2.47	9.70	V
	6966	-47.68	-13	-34.68	-80.02	-55.84	2.60	10.76	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	-55.28	-13	-42.28	-75.29	-61.35	1.58	7.65	H
	5130	-54.01	-13	-41.01	-79.56	-61.3	2.41	9.70	H
	6840	-48.21	-13	-35.21	-80.19	-56.18	2.64	10.61	H
									H
									H
									H
									H
	3420	-55.70	-13	-42.70	-75.71	-61.77	1.58	7.65	V
	5130	-53.90	-13	-40.90	-79.45	-61.19	2.41	9.70	V
	6840	-48.01	-13	-35.01	-79.99	-55.98	2.64	10.61	V
									V
									V
									V
									V
Middle	3448	-55.11	-13	-42.11	-75.2	-61.29	1.59	7.77	H
	5172	-53.64	-13	-40.64	-79.27	-60.9	2.44	9.70	H
	6896	-48.04	-13	-35.04	-80.18	-56.09	2.62	10.68	H
									H
									H
									H
									H
	3448	-54.64	-13	-41.64	-74.73	-60.82	1.59	7.77	V
	5172	-53.31	-13	-40.31	-78.94	-60.57	2.44	9.70	V
	6896	-48.04	-13	-35.04	-80.18	-56.09	2.62	10.68	V
									V
									V
									V
									V



Highest	3476	-56.09	-13	-43.09	-76.28	-62.39	1.60	7.89	H
	5214	-53.84	-13	-40.84	-79.6	-61.08	2.46	9.70	H
	6952	-47.69	-13	-34.69	-79.98	-55.83	2.61	10.74	H
									H
									H
									H
									H
	3476	-55.84	-13	-42.84	-76.03	-62.14	1.60	7.89	V
	5214	-53.20	-13	-40.20	-78.96	-60.44	2.46	9.70	V
	6952	-47.83	-13	-34.83	-80.12	-55.97	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 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	-62.43	-13	-49.43	-75.84	-64.19	0.98	4.89	H	
	2472	-28.14	-13	-15.14	-45.1	-30.02	1.28	5.32	H	
	4120	-51.07	-13	-38.07	-73.36	-55.71	1.83	8.62	H	
										H
										H
										H
										H
	1648	-62.52	-13	-49.52	-75.87	-64.28	0.98	4.89	V	
	2472	-27.33	-13	-14.33	-43.51	-29.21	1.28	5.32	V	
	4120	-51.29	-13	-38.29	-73.15	-55.93	1.83	8.62	V	
										V
										V
										V
										V
Middle	1672	-61.77	-13	-48.77	-74.3	-63.45	0.99	4.82	H	
	2512	-28.21	-13	-15.21	-44.53	-30.18	1.29	5.41	H	
	4184	-51.67	-13	-38.67	-73.45	-56.29	1.87	8.64	H	
										H
										H
										H
										H
	1672	-61.74	-13	-48.74	-75.03	-63.42	0.99	4.82	V	
	2512	-25.12	-13	-12.12	-42.36	-27.09	1.29	5.41	V	
	4184	-49.09	-13	-36.09	-71.24	-53.71	1.87	8.64	V	
										V
										V
										V
										V



Highest	1696	-58.64	-13	-45.64	-72.27	-60.24	1.00	4.75	H
	2544	-26.71	-13	-13.71	-42.77	-28.69	1.30	5.44	H
	4240	-49.27	-13	-36.27	-71.91	-53.87	1.90	8.65	H
									H
									H
									H
									H
	1696	-60.48	-13	-47.48	-73.92	-62.08	1.00	4.75	V
	2544	-26.56	-13	-13.56	-42.84	-28.54	1.30	5.44	V
	4240	-49.32	-13	-36.32	-71.13	-53.92	1.90	8.65	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	-62.52	-13	-49.52	-76.1	-64.28	0.98	4.89	H
	2472	-29.04	-13	-16.04	-45.45	-30.92	1.28	5.32	H
	4120	-51.08	-13	-38.08	-72.98	-55.72	1.83	8.62	H
									H
									H
									H
									H
	1648	-62.89	-13	-49.89	-76.14	-64.65	0.98	4.89	V
	2472	-27.16	-13	-14.16	-43.45	-29.04	1.28	5.32	V
	4120	-50.72	-13	-37.72	-72.06	-55.36	1.83	8.62	V
									V
									V
									V
									V
Middle	1672	-61.61	-13	-48.61	-74.45	-63.29	0.99	4.82	H
	2504	-27.51	-13	-14.51	-43.91	-29.47	1.29	5.40	H
	4176	-51.80	-13	-38.80	73.19	-56.42	1.86	8.64	H
									H
									H
									H
									H
	1672	-61.81	-13	-48.81	-75.08	-63.49	0.99	4.82	V
	2504	-25.09	-13	-12.09	-42	-27.05	1.29	5.40	V
	4176	-49.60	-13	-36.60	-70.85	-54.22	1.86	8.64	V
									V
									V
									V
									V
								V	



Highest	1696	-62.45	-13	-49.45	-75.64	-64.05	1.00	4.75	H
	2536	-27.83	-13	-14.83	-44.45	-29.81	1.30	5.43	H
	4232	-51.17	-13	-38.17	-73.28	-55.77	1.89	8.65	H
									H
									H
									H
									H
	1696	-61.64	-13	-48.64	-74.84	-63.24	1.00	4.75	V
	2536	-26.94	-13	-13.94	-42.93	-28.92	1.30	5.43	V
	4232	-49.92	-13	-36.92	-71.65	-54.52	1.89	8.65	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	-62.53	-13	-49.53	-75.9	-64.29	0.98	4.89	H
	2472	-27.25	-13	-14.25	-44.08	-29.13	1.28	5.32	H
	4120	-51.12	-13	-38.12	-72.74	-55.76	1.83	8.62	H
									H
									H
									H
									H
	1648	-62.62	-13	-49.62	-76.15	-64.38	0.98	4.89	V
	2472	-26.61	-13	-13.61	-43.08	-28.49	1.28	5.32	V
	4120	-51.18	-13	-38.18	-73.29	-55.82	1.83	8.62	V
									V
									V
									V
									V
Middle	1672	-60.35	-13	-47.35	-76.88	-62.03	0.99	4.82	H
	2504	-26.53	-13	-13.53	-42.82	-28.49	1.29	5.40	H
	4176	-51.55	-13	-38.55	-73.42	-56.17	1.86	8.64	H
									H
									H
									H
									H
	1672	-60.71	-13	-47.71	-74	-62.39	0.99	4.82	V
	2504	-24.62	-13	-11.62	-40.54	-26.58	1.29	5.40	V
	4176	-50.61	-13	-37.61	-72.58	-55.23	1.86	8.64	V
									V
									V
									V
									V
								V	



Highest	1688	-62.19	-13	-49.19	-75.83	-63.82	1.00	4.77	H
	2536	-27.33	-13	-14.33	-43.65	-29.31	1.30	5.43	H
	4224	-51.85	-13	-38.85	-73.37	-56.45	1.89	8.64	H
									H
									H
									H
									H
	1688	-62.56	-13	-49.56	-75.33	-64.19	1.00	4.77	V
	2536	-25.05	-13	-12.05	-42.23	-27.03	1.30	5.43	V
	4224	-50.98	-13	-37.98	-72.74	-55.58	1.89	8.64	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	-62.49	-13	-49.49	-75.31	-64.25	0.98	4.89	H
	2472	-27.19	-13	-14.19	-43.98	-29.07	1.28	5.32	H
	4120	-50.85	-13	-37.85	-72.38	-55.49	1.83	8.62	H
									H
									H
									H
									H
	1648	-63.26	-13	-50.26	-76.2	-65.02	0.98	4.89	V
	2472	-25.23	-13	-12.23	-42.1	-27.11	1.28	5.32	V
	4120	-50.09	-13	-37.09	-72.01	-54.73	1.83	8.62	V
									V
									V
									V
									V
Middle	1664	-60.62	-13	-47.62	-73.28	-62.33	0.98	4.84	H
	2496	-25.46	-13	-12.46	-42.16	-27.41	1.29	5.39	H
	4160	-51.42	-13	-38.42	-73.51	-56.05	1.85	8.63	H
									H
									H
									H
									H
	1664	-60.63	-13	-47.63	-73.87	-62.34	0.98	4.84	V
	2496	-23.14	-13	-10.14	-40.34	-25.09	1.29	5.39	V
	4160	-51.54	-13	-38.54	-73.34	-56.17	1.85	8.63	V
									V
									V
									V
									V
								V	



Highest	1680	-61.16	-13	-48.16	-74.78	-62.81	0.99	4.80	H
	2520	-28.09	-13	-15.09	-45.05	-30.06	1.30	5.42	H
	4200	-51.16	-13	-38.16	-73.06	-55.77	1.88	8.64	H
									H
									H
									H
									H
	1680	-61.51	-13	-48.51	-74.65	-63.16	0.99	4.80	V
	2520	-26.46	-13	-13.46	-42.61	-28.43	1.30	5.42	V
	4200	-51.36	-13	-38.36	-73.05	-55.97	1.88	8.64	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	-49.61	-25	-24.61	-74.85	-56.97	2.34	9.70	H	
	7500	-45.52	-25	-20.52	-78.92	-54.89	2.43	11.80	H	
	10008	-36.93	-25	-11.93	-76.74	-46.44	2.70	12.20	H	
										H
										H
										H
										H
	5004	-49.84	-25	-24.84	-75.08	-57.2	2.34	9.70	V	
	7500	-46.10	-25	-21.10	-79.5	-55.47	2.43	11.80	V	
	10008	-37.06	-25	-12.06	-76.87	-46.57	2.70	12.20	V	
										V
										V
										V
										V
Middle	5064	-51.12	-25	-26.12	-76.49	-58.45	2.37	9.70	H	
	7596	-45.38	-25	-20.38	-78.93	-54.84	2.40	11.86	H	
	10128	-36.22	-25	-11.22	-76.4	-45.78	2.70	12.25	H	
										H
										H
										H
										H
	5064	-49.93	-25	-24.93	-75.3	-57.26	2.37	9.70	V	
	7596	-45.98	-25	-20.98	-79.53	-55.44	2.40	11.86	V	
	10128	-37.31	-25	-12.31	-77.49	-46.87	2.70	12.25	V	
										V
										V
										V
										V



Highest	5136	-52.29	-25	-27.29	-77.84	-59.57	2.42	9.70	H
	7692	-44.85	-25	-19.85	-78.56	-54.4	2.37	11.92	H
	10260	-34.92	-25	-9.92	-75.54	-44.53	2.69	12.30	H
									H
									H
									H
									H
	5136	-50.93	-25	-25.93	-76.48	-58.21	2.42	9.70	V
	7692	-44.09	-25	-19.09	-77.8	-53.64	2.37	11.92	V
	10260	-36.53	-25	-11.53	-77.15	-46.14	2.69	12.30	V
									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	-49.60	-25	-24.60	-74.84	-56.96	2.34	9.70	H
	7500	-45.59	-25	-20.59	-78.99	-54.96	2.43	11.80	H
	10008	-35.81	-25	-10.81	-75.62	-45.32	2.70	12.20	H
									H
									H
									H
									H
	5004	-48.40	-25	-23.40	-73.64	-55.76	2.34	9.70	V
	7500	-46.25	-25	-21.25	-79.65	-55.62	2.43	11.80	V
	10008	-36.73	-25	-11.73	-76.54	-46.24	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-51.11	-25	-26.11	-76.48	-58.44	2.37	9.70	H
	7596	-45.05	-25	-20.05	-78.6	-54.51	2.40	11.86	H
	10128	-35.48	-25	-10.48	-75.66	-45.04	2.70	12.25	H
									H
									H
									H
									H
	5064	-49.84	-25	-24.84	-75.21	-57.17	2.37	9.70	V
	7596	-46.16	-25	-21.16	-79.71	-55.62	2.40	11.86	V
	10128	-36.47	-25	-11.47	-76.65	-46.03	2.70	12.25	V
									V
									V
									V
									V
								V	



Highest	5124	-51.49	-25	-26.49	-77.04	-58.78	2.41	9.70	H
	7680	-44.92	-25	-19.92	-78.6	-54.46	2.37	11.91	H
	10248	-34.29	-25	-9.29	-74.85	-43.89	2.69	12.30	H
									H
									H
									H
									H
	5124	-49.85	-25	-24.85	-75.4	-57.14	2.41	9.70	V
	7680	-43.83	-25	-18.83	-77.51	-53.37	2.37	11.91	V
	10248	-36.46	-25	-11.46	-77.02	-46.06	2.69	12.30	V
									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	-51.87	-25	-26.87	-76.48	-59.23	2.34	9.70	H
	7500	-45.81	-25	-20.81	-78.7	-55.18	2.43	11.80	H
	10008	-35.32	-25	-10.32	-75.03	-44.83	2.70	12.20	H
									H
									H
									H
									H
	5004	-50.88	-25	-25.88	-75.62	-58.24	2.34	9.70	V
	7500	-46.74	-25	-21.74	-79.71	-56.11	2.43	11.80	V
	10008	-35.21	-25	-10.21	-75.06	-44.72	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-51.83	-25	-26.83	-76.4	-59.16	2.37	9.70	H
	7578	-45.64	-25	-20.64	-79.02	-55.08	2.40	11.85	H
	10116	-35.56	-25	-10.56	-75.81	-45.11	2.70	12.25	H
									H
									H
									H
									H
	5052	-50.10	-25	-25.10	-75.34	-57.43	2.37	9.70	V
	7578	-46.98	-25	-21.98	-79.83	-56.42	2.40	11.85	V
	10116	-36.97	-25	-11.97	-76.59	-46.52	2.70	12.25	V
									V
									V
									V
									V



Highest	5112	-51.80	-25	-26.80	-77.03	-59.1	2.40	9.70	H
	7668	-44.20	-25	-19.20	-78.41	-53.73	2.38	11.90	H
	10224	-36.59	-25	-11.59	-76.87	-46.18	2.69	12.29	H
									H
									H
									H
									H
	5112	-49.83	-25	-24.83	-75.12	-57.13	2.40	9.70	V
	7668	-43.29	-25	-18.29	-77.52	-52.82	2.38	11.90	V
	10224	-37.69	-25	-12.69	-77.9	-47.28	2.69	12.29	V
									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	-50.90	-25	-25.90	-75.36	-58.26	2.34	9.70	H
	7500	-45.75	-25	-20.75	-78.48	-55.12	2.43	11.80	H
	10008	-37.50	-25	-12.50	-76.89	-47.01	2.70	12.20	H
									H
									H
									H
									H
	5004	-49.82	-25	-24.82	-74.32	-57.18	2.34	9.70	V
	7500	-46.96	-25	-21.96	-79.59	-56.33	2.43	11.80	V
	10008	-36.71	-25	-11.71	-76.67	-46.22	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-50.16	-25	-25.16	-76.06	-57.49	2.37	9.70	H
	7584	-45.83	-25	-20.83	-78.83	-55.28	2.40	11.85	H
	10104	-35.46	-25	-10.46	-75.74	-45.01	2.70	12.24	H
									H
									H
									H
									H
	5052	-49.10	-25	-24.10	-75.01	-56.43	2.37	9.70	V
	7584	-46.49	-25	-21.49	-79.66	-55.94	2.40	11.85	V
	10104	-35.53	-25	-10.53	-76.05	-45.08	2.70	12.24	V
									V
									V
									V
									V
								V	



Highest	5100	-51.42	-25	-26.42	-76.94	-58.73	2.39	9.70	H
	7656	-43.75	-25	-18.75	-77.2	-53.26	2.38	11.89	H
	10200	-34.54	-25	-9.54	-74.95	-44.12	2.70	12.28	H
									H
									H
									H
									H
	5100	-50.63	-25	-25.63	-75.72	-57.94	2.39	9.70	V
	7656	-44.87	-25	-19.87	-77.79	-54.38	2.38	11.89	V
	10200	-36.60	-25	-11.60	-76.73	-46.18	2.70	12.28	V
									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	-59.22	-13.00	-46.22	-71.85	-60.88	0.87	4.68	H
	2096	-30.75	-13.00	-17.75	-45.11	-31.62	1.16	4.19	H
	3496	-47.51	-13.00	-34.51	-68.14	-51.74	1.60	7.98	H
									H
									H
									H
									H
	1400	-62.63	-13.00	-49.63	-74.41	-64.29	0.87	4.68	V
	2096	-34.00	-13.00	-21.00	-48.50	-34.87	1.16	4.19	V
	3496	-47.13	-13.00	-34.13	-68.13	-51.36	1.60	7.98	V
									V
									V
									V
									V
Middle	1416	-58.78	-13.00	-45.78	-70.50	-60.53	0.87	4.78	H
	2120	-28.21	-13.00	-15.21	-42.72	-29.15	1.17	4.26	H
	3536	-49.44	-13.00	-36.44	-69.92	-53.72	1.62	8.04	H
									H
									H
									H
									H
	1416	-59.70	-13.00	-46.70	-71.81	-61.45	0.87	4.78	V
	2120	-29.94	-13.00	-16.94	-44.12	-30.88	1.17	4.26	V
	3536	-49.41	-13.00	-36.41	-69.76	-53.69	1.62	8.04	V
									V
									V
									V
									V
								V	



Highest	1424	-57.51	-13.00	-44.51	-70.00	-59.31	0.88	4.83	H
	2144	-29.56	-13.00	-16.56	-43.94	-30.56	1.18	4.33	H
	3568	-51.70	-13.00	-38.70	-71.75	-56.01	1.63	8.08	H
									H
									H
									H
									H
	1424	-59.28	-13.00	-46.28	-71.91	-61.08	0.88	4.83	V
	2144	-31.46	-13.00	-18.46	-46.25	-32.46	1.18	4.33	V
	3568	-52.37	-13.00	-39.37	-72.99	-56.68	1.63	8.08	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	-59.98	-13.00	-46.98	-71.33	-61.64	0.87	4.68	H
	2096	-29.94	-13.00	-16.94	-43.49	-30.81	1.16	4.19	H
	3496	-47.73	-13.00	-34.73	-67.74	-51.96	1.60	7.98	H
									H
									H
									H
									H
	1400	-62.39	-13.00	-49.39	-74.16	-64.05	0.87	4.68	V
	2096	-32.77	-13.00	-19.77	-47.23	-33.64	1.16	4.19	V
	3496	-47.67	-13.00	-34.67	-68.08	-51.90	1.60	7.98	V
									V
									V
									V
									V
Middle	1416	-59.82	-13.00	-46.82	-70.95	-61.57	0.87	4.78	H
	2120	-26.31	-13.00	-13.31	-41.46	-27.25	1.17	4.26	H
	3528	-49.80	-13.00	-36.80	-69.69	-54.07	1.61	8.03	H
									H
									H
									H
									H
	1416	-59.97	-13.00	-46.97	-71.90	-61.72	0.87	4.78	V
	2120	-29.87	-13.00	-16.87	-44.11	-30.81	1.17	4.26	V
	3528	-48.11	-13.00	-35.11	-68.66	-52.38	1.61	8.03	V
									V
									V
									V
									V
								V	



Highest	1424	-58.43	-13.00	-45.43	-71.01	-60.23	0.88	4.83	H
	2144	-28.48	-13.00	-15.48	-43.37	-29.48	1.18	4.33	H
	3568	-50.40	-13.00	-37.40	-71.22	-54.71	1.63	8.08	H
									H
									H
									H
									H
	1424	-60.83	-13.00	-47.83	-72.66	-62.63	0.88	4.83	V
	2144	-29.49	-13.00	-16.49	-44.25	-30.49	1.18	4.33	V
	3568	-52.54	-13.00	-39.54	-72.43	-56.85	1.63	8.08	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	-59.23	-13.00	-46.23	-71.27	-60.89	0.87	4.68	H
	2096	-29.27	-13.00	-16.27	-44.05	-30.14	1.16	4.19	H
	3496	-47.20	-13.00	-34.20	-67.87	-51.43	1.60	7.98	H
									H
									H
									H
									H
	1400	-61.63	-13.00	-48.63	-73.50	-63.29	0.87	4.68	V
	2096	-31.89	-13.00	-18.89	-46.15	-32.76	1.16	4.19	V
	3496	-48.68	-13.00	-35.68	-68.72	-52.91	1.60	7.98	V
									V
									V
									V
									V
Middle	1408	-58.72	-13.00	-45.72	-70.37	-60.43	0.87	4.73	H
	2120	-26.60	-13.00	-13.60	-41.55	-27.54	1.17	4.26	H
	3528	-49.85	-13.00	-36.85	-70.20	-54.12	1.61	8.03	H
									H
									H
									H
									H
	1408	-60.88	-13.00	-47.88	-72.45	-62.59	0.87	4.73	V
	2120	-29.11	-13.00	-16.11	-44.11	-30.05	1.17	4.26	V
	3528	-49.00	-13.00	-36.00	-69.96	-53.27	1.61	8.03	V
									V
									V
									V
									V



Highest	1424	-58.48	-13.00	-45.48	-70.68	-60.28	0.88	4.83	H
	2136	-28.95	-13.00	-15.95	-42.77	-29.93	1.18	4.31	H
	3560	-51.47	-13.00	-38.47	-72.27	-55.77	1.62	8.07	H
									H
									H
									H
									H
	1424	-60.89	-13.00	-47.89	-72.15	-62.69	0.88	4.83	V
	2136	-30.07	-13.00	-17.07	-44.86	-31.05	1.18	4.31	V
	3560	-52.13	-13.00	-39.13	-72.44	-56.43	1.62	8.07	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	-57.65	-13.00	-44.65	-69.77	-59.31	0.87	4.68	H
	2096	-28.67	-13.00	-15.67	-43.18	-29.54	1.16	4.19	H
	3496	-46.39	-13.00	-33.39	-67.05	-50.62	1.60	7.98	H
									H
									H
									H
									H
	1400	-61.83	-13.00	-48.83	-73.78	-63.49	0.87	4.68	V
	2096	-32.18	-13.00	-19.18	-46.67	-33.05	1.16	4.19	V
	3496	-47.94	-13.00	-34.94	-68.07	-52.17	1.60	7.98	V
									V
									V
									V
									V
Middle	1408	-56.32	-13.00	-43.32	-68.72	-58.03	0.87	4.73	H
	2112	-27.84	-13.00	-14.84	-42.46	-28.76	1.17	4.24	H
	3512	-49.92	-13.00	-36.92	-69.55	-54.18	1.61	8.01	H
									H
									H
									H
									H
	1408	-59.81	-13.00	-46.81	-71.75	-61.52	0.87	4.73	V
	2112	-30.55	-13.00	-17.55	-45.14	-31.47	1.17	4.24	V
	3512	-49.07	-13.00	-36.07	-69.65	-53.33	1.61	8.01	V
									V
									V
									V
									V
								V	



Highest	1416	-58.49	-13.00	-45.49	-70.24	-60.24	0.87	4.78	H
	2120	-27.16	-13.00	-14.16	-42.08	-28.10	1.17	4.26	H
	3536	-48.19	-13.00	-35.19	-69.01	-52.47	1.62	8.04	H
									H
									H
									H
									H
	1416	-59.64	-13.00	-46.64	-71.84	-61.39	0.87	4.78	V
	2120	-30.13	-13.00	-17.13	-44.71	-31.07	1.17	4.26	V
	3536	-50.54	-13.00	-37.54	-70.42	-54.82	1.62	8.04	V
									V
									V
									V
									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	-61.15	-13	-48.15	-73.10	-62.86	0.87	4.73	H
	2112	-29.17	-13	-16.17	-43.72	-30.09	1.17	4.24	H
	3520	-50.52	-13	-37.52	-70.87	-54.78	1.61	8.02	H
									H
									H
									H
									H
	1408	-62.17	-13	-49.17	-74.12	-63.88	0.87	4.73	V
	2112	-31.71	-13	-18.71	-46.26	-32.63	1.17	4.24	V
	3520	-51.29	-13	-38.29	-71.54	-55.55	1.61	8.02	V
									V
									V
									V
									V
Middle	1416	-59.57	-13	-46.57	-71.52	-61.32	0.87	4.78	H
	2128	-32.06	-13	-19.06	-46.69	-33.02	1.17	4.28	H
	3536	-51.11	-13	-38.11	-71.38	-55.39	1.62	8.04	H
									H
									H
									H
									H
	1416	-61.01	-13	-48.01	-72.96	-62.76	0.87	4.78	V
	2128	-34.74	-13	-21.74	-49.37	-35.70	1.17	4.28	V
	3536	-50.33	-13	-37.33	-70.60	-54.61	1.62	8.04	V
									V
									V
									V
									V



Highest	1424	-56.41	-13	-43.41	-68.62	-58.21	0.88	4.83	H
	2136	-29.88	-13	-16.88	-44.80	-30.86	1.18	4.31	H
	3560	-51.67	-13	-38.67	-72.22	-55.97	1.62	8.07	H
									H
									H
									H
									H
	1424	-56.34	-13	-43.34	-68.91	-58.14	0.88	4.83	V
	2136	-31.09	-13	-18.09	-46.61	-32.07	1.18	4.31	V
	3560	-50.32	-13	-37.32	-70.91	-54.62	1.62	8.07	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	-59.97	-13	-46.97	-71.92	-61.68	0.87	4.73	H
	2112	-29.82	-13	-16.82	-44.37	-30.74	1.17	4.24	H
	3520	-50.58	-13	-37.58	-70.83	-54.84	1.61	8.02	H
									H
									H
									H
									H
	1408	-62.14	-13	-49.14	-74.09	-63.85	0.87	4.73	V
	2112	-33.72	-13	-20.72	-48.27	-34.64	1.17	4.24	V
	3520	-50.02	-13	-37.02	-70.27	-54.28	1.61	8.02	V
									V
									V
									V
									V
Middle	1408	-59.59	-13	-46.59	-71.54	-61.30	0.87	4.73	H
	2120	-28.13	-13	-15.13	-42.76	-29.07	1.17	4.26	H
	3528	-49.55	-13	-36.55	-69.82	-53.82	1.61	8.03	H
									H
									H
									H
									H
	1408	-60.76	-13	-47.76	-72.71	-62.47	0.87	4.73	V
	2120	-33.34	-13	-20.34	-47.97	-34.28	1.17	4.26	V
	3528	-50.60	-13	-37.60	-70.87	-54.87	1.61	8.03	V
									V
									V
									V
									V
								V	



Highest	1416	-59.47	-13	-46.47	-71.42	-61.22	0.87	4.78	H
	2120	-30.96	-13	-17.96	-45.59	-31.90	1.17	4.26	H
	3536	-49.97	-13	-36.97	-70.24	-54.25	1.62	8.04	H
									H
									H
									H
									H
	1416	-61.20	-13	-48.20	-73.15	-62.95	0.87	4.78	V
	2120	-32.68	-13	-19.68	-47.31	-33.62	1.17	4.26	V
	3536	-51.11	-13	-38.11	-71.38	-55.39	1.62	8.04	V
									V
									V
									V
									V

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



LTE Band 38

LTE Band 38 / 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	5136	-48.00	-25	-23.00	-73.97	-55.28	2.42	9.70	H	
	7716	-41.26	-25	-16.26	-75.27	-50.83	2.36	11.93	H	
	10284	-37.57	-25	-12.57	-77.66	-47.19	2.69	12.31	H	
										H
										H
										H
										H
	5136	-50.68	-25	-25.68	-75.86	-57.96	2.42	9.70	V	
	7716	-43.14	-25	-18.14	-77.68	-52.71	2.36	11.93	V	
	10284	-35.25	-25	-10.25	-76.55	-44.87	2.69	12.31	V	
										V
										V
										V
										V
Middle	5184	-48.59	-25	-23.59	-74.43	-55.85	2.44	9.70	H	
	7776	-40.83	-25	-15.83	-74.27	-50.46	2.34	11.97	H	
	10368	-36.29	-25	-11.29	-77.52	-45.94	2.69	12.35	H	
										H
										H
										H
										H
	5184	-49.97	-25	-24.97	-74.93	-57.23	2.44	9.70	V	
	7776	-45.06	-25	-20.06	-79.32	-54.69	2.34	11.97	V	
	10368	-36.06	-25	-11.06	-77.4	-45.71	2.69	12.35	V	
										V
										V
										V
										V



Highest	5232	-50.36	-25	-25.36	-75.95	-57.59	2.47	9.70	H
	7848	-39.36	-25	-14.36	-72.95	-49.05	2.32	12.01	H
	10464	-36.16	-25	-11.16	-77.37	-45.85	2.69	12.39	H
									H
									H
									H
									H
	5232	-50.65	-25	-25.65	-76.37	-57.88	2.47	9.70	V
	7848	-44.52	-25	-19.52	-78.53	-54.21	2.32	12.01	V
	10464	-35.24	-25	-10.24	-77.11	-44.93	2.69	12.39	V
									V
									V
									V
									V

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



LTE Band 38 / 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	5136	-49.97	-25	-24.97	-75.22	-57.25	2.42	9.70	H
	7716	-40.86	-25	-15.86	-74.56	-50.43	2.36	11.93	H
	10284	-35.10	-25	-10.10	-75.93	-44.72	2.69	12.31	H
									H
									H
									H
									H
	5136	-51.97	-25	-26.97	-76.63	-59.25	2.42	9.70	V
	7716	-44.62	-25	-19.62	-77.95	-54.19	2.36	11.93	V
	10284	-35.71	-25	-10.71	-76.41	-45.33	2.69	12.31	V
									V
									V
									V
									V
Middle	5184	-48.15	-25	-23.15	-73.85	-55.41	2.44	9.70	H
	7776	-39.43	-25	-14.43	-72.95	-49.06	2.34	11.97	H
	10368	-36.07	-25	-11.07	-76.98	-45.72	2.69	12.35	H
									H
									H
									H
									H
	5184	-50.57	-25	-25.57	-76.05	-57.83	2.44	9.70	V
	7776	-44.48	-25	-19.48	-78.64	-54.11	2.34	11.97	V
	10368	-36.29	-25	-11.29	-77.27	-45.94	2.69	12.35	V
									V
									V
									V
									V



Highest	5220	-49.92	-25	-24.92	-75.74	-57.16	2.46	9.70	H
	7836	-38.74	-25	-13.74	-72.56	-48.42	2.32	12.00	H
	10440	-35.40	-25	-10.40	-76.86	-45.08	2.69	12.38	H
									H
									H
									H
									H
	5220	-50.40	-25	-25.40	-76.54	-57.64	2.46	9.70	V
	7836	-44.65	-25	-19.65	-78.25	-54.33	2.32	12.00	V
	10440	-37.30	-25	-12.30	-78.26	-46.98	2.69	12.38	V
									V
									V
									V
									V

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



LTE Band 38 / 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	5148	-47.88	-25	-22.88	-73.07	-55.16	2.42	9.70	H
	7716	-41.16	-25	-16.16	-75.3	-50.73	2.36	11.93	H
	10284	-38.63	-25	-13.63	-78.74	-48.25	2.69	12.31	H
									H
									H
									H
									H
	5148	-49.18	-25	-24.18	-75.11	-56.46	2.42	9.70	V
	7716	-44.76	-25	-19.76	-78.06	-54.33	2.36	11.93	V
	10284	-38.10	-25	-13.10	-78.93	-47.72	2.69	12.31	V
									V
									V
									V
									V
Middle	5172	-49.00	-25	-24.00	-74.72	-56.26	2.44	9.70	H
	7764	-39.57	-25	-14.57	-73.59	-49.18	2.34	11.96	H
	10356	-36.17	-25	-11.17	-77.01	-45.82	2.69	12.34	H
									H
									H
									H
									H
	5172	-50.18	-25	-25.18	-76.31	-57.44	2.44	9.70	V
	7764	-45.67	-25	-20.67	-79.02	-55.28	2.34	11.96	V
	10356	-36.26	-25	-11.26	-77.57	-45.91	2.69	12.34	V
									V
									V
									V
									V



Highest	5208	-49.99	-25	-24.99	-75.47	-57.23	2.46	9.70	H
	7800	-39.06	-25	-14.06	-73.57	-48.71	2.33	11.98	H
	10404	-36.91	-25	-11.91	-77.19	-46.58	2.69	12.36	H
									H
									H
									H
									H
	5208	-49.07	-25	-24.07	-75.63	-56.31	2.46	9.70	V
	7800	-44.99	-25	-19.99	-78.19	-54.64	2.33	11.98	V
	10404	-37.55	-25	-12.55	-78.5	-47.22	2.69	12.36	V
									V
									V
									V
									V

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



LTE Band 38 / 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	5148	-48.76	-25	-23.76	-73.68	-56.04	2.42	9.70	H
	7716	-40.60	-25	-15.60	-74.24	-50.17	2.36	11.93	H
	10284	-36.23	-25	-11.23	-76.86	-45.85	2.69	12.31	H
									H
									H
									H
									H
	5148	-49.03	-25	-24.03	-75.46	-56.31	2.42	9.70	V
	7716	-43.05	-25	-18.05	-77.48	-52.62	2.36	11.93	V
	10284	-38.53	-25	-13.53	-78.71	-48.15	2.69	12.31	V
									V
									V
									V
									V
Middle	5172	-48.65	-25	-23.65	-74.26	-55.91	2.44	9.70	H
	7764	-39.07	-25	-14.07	-73.03	-48.68	2.34	11.96	H
	10344	-35.43	-25	-10.43	-76.31	-45.07	2.69	12.34	H
									H
									H
									H
									H
	5172	-50.17	-25	-25.17	-75.62	-57.43	2.44	9.70	V
	7764	-44.58	-25	-19.58	-78.18	-54.19	2.34	11.96	V
	10344	-36.41	-25	-11.41	-77.7	-46.05	2.69	12.34	V
									V
									V
									V
									V



Highest	5208	-48.04	-25	-23.04	-74.48	-55.28	2.46	9.70	H
	7800	-39.51	-25	-14.51	-72.97	-49.16	2.33	11.98	H
	10404	-36.04	-25	-11.04	-77.19	-45.71	2.69	12.36	H
									H
									H
									H
									H
	5208	-50.17	-25	-25.17	-75.99	-57.41	2.46	9.70	V
	7800	-45.71	-25	-20.71	-78.9	-55.36	2.33	11.98	V
	10404	-36.92	-25	-11.92	-78	-46.59	2.69	12.36	V
									V
									V
									V
									V

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



<Ant. 2>

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	-56.68	-13	-43.68	-76.84	-63.25	1.67	8.24	H
	5548	-48.12	-13	-35.12	-74.68	-55.19	2.65	9.72	H
	7400	-46.91	-13	-33.91	-79.48	-56.05	2.46	11.60	H
									H
									H
	3700	-54.77	-13	-41.77	-75.4	-61.34	1.67	8.24	V
	5548	-49.61	-13	-36.61	-75.96	-56.68	2.65	9.72	V
	7400	-46.18	-13	-33.18	-79.74	-55.32	2.46	11.60	V
									V
									V
Middle	3756	-57.69	-13	-44.69	-77.99	-64.31	1.68	8.31	H
	5639	-48.17	-13	-35.17	-75.79	-55.22	2.71	9.76	H
	7518	-46.40	-13	-33.40	-79.95	-55.79	2.42	11.81	H
									H
									H
	3756	-55.79	-13	-42.79	-75.9	-62.41	1.68	8.31	V
	5639	-50.24	-13	-37.24	-77.1	-57.29	2.71	9.76	V
	7518	-46.42	-13	-33.42	-80.19	-55.81	2.42	11.81	V
									V
									V



Highest	3817	-56.35	-13	-43.35	-77.05	-63.03	1.70	8.38	H
	5730	-46.89	-13	-33.89	-73.31	-53.92	2.76	9.79	H
	7634	-45.32	-13	-32.32	-78.82	-54.81	2.39	11.88	H
									H
									H
									H
									H
	3817	-54.34	-13	-41.34	-75.42	-61.02	1.70	8.38	V
	5730	-46.34	-13	-33.34	-73.31	-53.37	2.76	9.79	V
	7634	-45.67	-13	-32.67	-78.92	-55.16	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 / 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	-56.02	-13	-43.02	-77.08	-62.59	1.67	8.24	H
	5548	-48.09	-13	-35.09	-74.88	-55.16	2.65	9.72	H
	7400	-46.68	-13	-33.68	-79.79	-55.82	2.46	11.60	H
									H
									H
									H
									H
	3700	-54.89	-13	-41.89	-75.45	-61.46	1.67	8.24	V
	5548	-49.78	-13	-36.78	-76.08	-56.85	2.65	9.72	V
	7400	-46.85	-13	-33.85	-79.95	-55.99	2.46	11.60	V
									V
									V
									V
									V
Middle	3756	-57.46	-13	-44.46	-77.77	-64.08	1.68	8.31	H
	5639	-48.46	-13	-35.46	-75.11	-55.51	2.71	9.76	H
	7518	-46.58	-13	-33.58	-79.56	-55.97	2.42	11.81	H
									H
									H
									H
									H
	3756	-55.52	-13	-42.52	-75.59	-62.14	1.68	8.31	V
	5639	-49.78	-13	-36.78	-76.38	-56.83	2.71	9.76	V
	7518	-46.02	-13	-33.02	-79.9	-55.41	2.42	11.81	V
									V
									V
									V
									V



Highest	3812	-55.67	-13	-42.67	-76.62	-62.34	1.70	8.37	H
	5723	-48.02	-13	-35.02	-75.59	-55.06	2.75	9.79	H
	7627	-44.23	-13	-31.23	-77.85	-53.72	2.39	11.88	H
									H
									H
									H
									H
	3812	-55.86	-13	-42.86	-75.88	-62.53	1.70	8.37	V
	5723	-48.44	-13	-35.44	-75.5	-55.48	2.75	9.79	V
	7624	-45.36	-13	-32.36	-79.03	-54.85	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 / 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	-56.35	-13	-43.35	-76.58	-62.92	1.67	8.24	H
	5555	-48.78	-13	-35.78	-75.02	-55.85	2.66	9.72	H
	7400	-46.19	-13	-33.19	79.8	-55.33	2.46	11.60	H
									H
									H
									H
									H
	3700	-54.86	-13	-41.86	-75.13	-61.43	1.67	8.24	V
	5555	-50.99	-13	-37.99	-76.76	-58.06	2.66	9.72	V
	7400	-46.07	-13	-33.07	-79.74	-55.21	2.46	11.60	V
									V
									V
									V
									V
Middle	3756	-57.75	-13	-44.75	-77.73	-64.37	1.68	8.31	H
	5632	-48.99	-13	-35.99	-75.52	-56.04	2.70	9.75	H
	7509	-46.43	-13	-33.43	-80.15	-55.81	2.43	11.81	H
									H
									H
									H
									H
	3756	-54.66	-13	-41.66	-74.95	-61.28	1.68	8.31	V
	5632	-50.38	-13	-37.38	-77.09	-57.43	2.70	9.75	V
	7509	-46.59	-13	-33.59	-80.01	-55.97	2.43	11.81	V
									V
									V
									V
									V



Highest	3812	-57.16	-13	-44.16	-77.83	-63.83	1.70	8.37	H
	5716	-47.12	-13	-34.12	-74.65	-54.16	2.75	9.79	H
	7620	-44.81	-13	-31.81	-78.54	-54.29	2.39	11.87	H
									H
									H
									H
									H
	3812	-55.66	-13	-42.66	-75.95	-62.33	1.70	8.37	V
	5716	-48.77	-13	-35.77	-75.55	-55.81	2.75	9.79	V
	7620	-45.21	-13	-32.21	-78.95	-54.69	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	-56.67	-13	-43.67	-76.79	-63.24	1.67	8.24	H
	5555	-47.42	-13	-34.42	-74.28	-54.49	2.66	9.72	H
	7400	-46.04	-13	-33.04	-79.47	-55.18	2.46	11.60	H
									H
									H
									H
									H
	3700	-54.77	-13	-41.77	-75.39	-61.34	1.67	8.24	V
	5555	-49.22	-13	-36.22	-76.28	-56.29	2.66	9.72	V
	7400	-46.68	-13	-33.68	-79.94	-55.82	2.46	11.60	V
									V
									V
									V
									V
Middle	3749	-57.59	-13	-44.59	-77.73	-64.21	1.68	8.30	H
	5625	-48.31	-13	-35.31	-75.8	-55.36	2.70	9.75	H
	7500	-46.68	-13	-33.68	-79.78	-56.05	2.43	11.80	H
									H
									H
									H
									H
	3749	-54.72	-13	-41.72	-75.43	-61.34	1.68	8.30	V
	5625	-49.77	-13	-36.77	-76.72	-56.82	2.70	9.75	V
	7500	-46.46	-13	-33.46	-79.79	-55.83	2.43	11.80	V
									V
									V
									V
									V
								V	



Highest	3805	-56.09	-13	-43.09	-76.93	-62.76	1.70	8.37	H
	5702	-47.90	-13	-34.90	-74.45	-54.94	2.74	9.78	H
	7606	-45.62	-13	-32.62	-78.89	-55.09	2.40	11.86	H
									H
									H
									H
									H
	3805	-55.06	-13	-42.06	-75.77	-61.73	1.70	8.37	V
	5702	-48.80	-13	-35.80	-75.56	-55.84	2.74	9.78	V
	7606	-45.65	-13	-32.65	-79.41	-55.12	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	-56.72	-13	-43.72	-76.8	-63.29	1.67	8.24	H
	5555	-47.34	-13	-34.34	-74.49	-54.41	2.66	9.72	H
	7400	-46.89	-13	-33.89	-79.98	-56.03	2.46	11.60	H
									H
									H
									H
									H
	3700	-54.00	-13	-41.00	-74.57	-60.57	1.67	8.24	V
	5555	-48.02	-13	-35.02	-75.48	-55.09	2.66	9.72	V
	7400	-47.98	-13	-34.98	-80.2	-57.12	2.46	11.60	V
									V
									V
									V
									V
Middle	3745	-56.51	-13	-43.51	-77	-63.12	1.68	8.29	H
	5618	-49.63	-13	-36.63	-75.91	-56.68	2.69	9.75	H
	7490	-46.60	-13	-33.60	-80.27	-55.95	2.43	11.78	H
									H
									H
									H
									H
	3745	-54.88	-13	-41.88	-74.78	-61.49	1.68	8.29	V
	5618	-50.01	-13	-37.01	-77.18	-57.06	2.69	9.75	V
	7490	-46.00	-13	-33.00	-80.26	-55.35	2.43	11.78	V
									V
									V
									V
									V



Highest	3791	-56.63	-13	-43.63	-77	-63.28	1.70	8.35	H
	5688	-47.45	-13	-34.45	74.5	-54.49	2.73	9.78	H
	7585	-44.41	-13	-31.41	-78.47	-53.86	2.40	11.85	H
									H
									H
									H
									H
	3791	-54.01	-13	-41.01	-74.64	-60.66	1.70	8.35	V
	5688	-47.70	-13	-34.70	-74.74	-54.74	2.73	9.78	V
	7585	-45.83	-13	-32.83	-79.34	-55.28	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	-56.92	-13	-43.92	-77.43	-63.49	1.67	8.24	H
	5555	-47.99	-13	-34.99	-74.62	-55.06	2.66	9.72	H
	7404	-46.93	-13	-33.93	-80.16	-56.08	2.46	11.61	H
									H
									H
									H
									H
	3700	-54.84	-13	-41.84	-75.35	-61.41	1.67	8.24	V
	5555	-48.85	-13	-35.85	-75.48	-55.92	2.66	9.72	V
	7404	-46.89	-13	-33.89	-80.12	-56.04	2.46	11.61	V
									V
									V
									V
									V
Middle	3742	-55.35	-13	-42.35	-75.91	-61.96	1.68	8.29	H
	5611	-49.58	-13	-36.58	-76.35	-56.64	2.69	9.74	H
	7484	-46.59	-13	-33.59	-79.95	-55.92	2.43	11.77	H
									H
									H
									H
									H
	3742	-54.48	-13	-41.48	-75.04	-61.09	1.68	8.29	V
	5611	-50.82	-13	-37.82	-77.59	-57.88	2.69	9.74	V
	7484	-46.79	-13	-33.79	-80.15	-56.12	2.43	11.77	V
									V
									V
									V
									V



Highest	3784	-56.62	-13	-43.62	-77.25	-63.27	1.69	8.34	H
	5674	-47.25	-13	-34.25	-74.24	-54.29	2.73	9.77	H
	7564	-45.65	-13	-32.65	-79.14	-55.08	2.41	11.84	H
									H
									H
									H
									H
	3784	-53.72	-13	-40.72	-74.35	-60.37	1.69	8.34	V
	5674	-47.60	-13	-34.60	-74.59	-54.64	2.73	9.77	V
	7564	-46.50	-13	-33.50	-79.99	-55.93	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	-57.31	-13	-44.31	-77.55	-63.38	1.58	7.65	H
	5128	-53.90	-13	-40.90	-78.73	-61.19	2.41	9.70	H
	6843	-48.97	-13	-35.97	-80.07	-56.94	2.64	10.61	H
									H
									H
									H
									H
	3420	-57.44	-13	-44.44	-77.7	-63.51	1.58	7.65	V
	5128	-53.14	-13	-40.14	-78.97	-60.43	2.41	9.70	V
	6843	-48.80	-13	-35.80	-79.97	-56.77	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-56.10	-13	-43.10	-77.11	-62.34	1.59	7.83	H
	5193	-54.56	-13	-41.56	-79.96	-61.81	2.45	9.70	H
	6924	-47.64	-13	-34.64	-79.81	-55.73	2.62	10.71	H
									H
									H
									H
									H
	3462	-56.95	-13	-43.95	-76.95	-63.19	1.59	7.83	V
	5193	-53.30	-13	-40.30	-79.56	-60.55	2.45	9.70	V
	6924	-47.93	-13	-34.93	-79.68	-56.02	2.62	10.71	V
									V
									V
									V
									V



Highest	3507	-53.93	-13	-40.93	-74.21	-60.33	1.61	8.01	H
	5261	-53.07	-13	-40.07	-79.3	-60.28	2.49	9.70	H
	7015	-47.71	-13	-34.71	-79.81	-55.95	2.59	10.83	H
									H
									H
									H
									H
	3507	-55.79	-13	-42.79	-75.97	-62.19	1.61	8.01	V
	5261	-51.25	-13	-38.25	-77.34	-58.46	2.49	9.70	V
	7015	-47.83	-13	-34.83	-79.72	-56.07	2.59	10.83	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	-58.21	-13	-45.21	-78.18	-64.28	1.58	7.65	H
	5128	-53.43	-13	-40.43	-78.99	-60.72	2.41	9.70	H
	6843	-48.18	-13	-35.18	-80.18	-56.15	2.64	10.61	H
									H
									H
									H
									H
	3420	-57.99	-13	-44.99	-77.92	-64.06	1.58	7.65	V
	5128	-52.84	-13	-39.84	-78.45	-60.13	2.41	9.70	V
	6843	-47.82	-13	-34.82	-79.52	-55.79	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-56.08	-13	-43.08	-76.95	-62.32	1.59	7.83	H
	5193	-54.56	-13	-41.56	-78.84	-61.81	2.45	9.70	H
	6924	-47.70	-13	-34.70	-80	-55.79	2.62	10.71	H
									H
									H
									H
									H
	3462	-56.01	-13	-43.01	-76.46	-62.25	1.59	7.83	V
	5193	-54.93	-13	-41.93	-79.77	-62.18	2.45	9.70	V
	6924	-47.30	-13	-34.30	-80.03	-55.39	2.62	10.71	V
									V
									V
									V
									V



Highest	3504	-53.95	-13	-40.95	-73.88	-60.35	1.61	8.00	H
	5254	-52.90	-13	-39.90	-78.63	-60.12	2.48	9.70	H
	7004	-47.47	-13	-34.47	-79.85	-55.69	2.59	10.81	H
									H
									H
									H
									H
	3504	-56.84	-13	-43.84	-76.32	-63.24	1.61	8.00	V
	5254	-51.60	-13	-38.60	-77.49	-58.82	2.48	9.70	V
	7004	-47.97	-13	-34.97	-79.79	-56.19	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 / 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	-57.52	-13	-44.52	-77.99	-63.59	1.58	7.65	H
	5135	-53.96	-13	-40.96	-79.46	-61.25	2.41	9.70	H
	6843	-47.50	-13	-34.50	-79.79	-55.47	2.64	10.61	H
									H
									H
									H
									H
	3420	-57.15	-13	-44.15	-77.95	-63.22	1.58	7.65	V
	5135	-53.14	-13	-40.14	-79.21	-60.43	2.41	9.70	V
	6843	-47.90	-13	-34.90	-79.88	-55.87	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-57.28	-13	-44.28	-77.23	-63.52	1.59	7.83	H
	5193	-53.59	-13	-40.59	-79.47	-60.84	2.45	9.70	H
	6924	-48.00	-13	-35.00	-80.28	-56.09	2.62	10.71	H
									H
									H
									H
									H
	3462	-56.88	-13	-43.88	-77	-63.12	1.59	7.83	V
	5193	-53.63	-13	-40.63	-79.43	-60.88	2.45	9.70	V
	6924	-47.83	-13	-34.83	-80.06	-55.92	2.62	10.71	V
									V
									V
									V
									V



Highest	3504	-54.92	-13	-41.92	-74.3	-61.32	1.61	8.00	H
	5254	-53.65	-13	-40.65	-79.02	-60.87	2.48	9.70	H
	7004	-47.72	-13	-34.72	-79.62	-55.94	2.59	10.81	H
									H
									H
									H
									H
	3504	-56.19	-13	-43.19	-76.93	-62.59	1.61	8.00	V
	5254	-51.09	-13	-38.09	-77.55	-58.31	2.48	9.70	V
	7004	-46.66	-13	-33.66	-78.94	-54.88	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	-57.22	-13	-44.22	-77.27	-63.29	1.58	7.65	H
	5135	-51.95	-13	-38.95	-77.3	-59.24	2.41	9.70	H
	6843	-48.41	-13	-35.41	-79.98	-56.38	2.64	10.61	H
									H
									H
									H
									H
	3420	-57.04	-13	-44.04	-77.67	-63.11	1.58	7.65	V
	5135	-53.76	-13	-40.76	-78.69	-61.05	2.41	9.70	V
	6843	-47.83	-13	-34.83	-79.69	-55.8	2.64	10.61	V
									V
									V
									V
									V
Middle	3455	-56.05	-13	-43.05	-76.13	-62.26	1.59	7.80	H
	5184	-53.83	-13	-40.83	-79.43	-61.09	2.44	9.70	H
	6910	-48.11	-13	-35.11	-80.57	-56.18	2.62	10.69	H
									H
									H
									H
									H
	3455	-55.98	-13	-42.98	-75.79	-62.19	1.59	7.80	V
	5184	-53.77	-13	-40.77	-78.95	-61.03	2.44	9.70	V
	6910	-48.21	-13	-35.21	-80.31	-56.28	2.62	10.69	V
									V
									V
									V
									V



Highest	3490	-56.07	-13	-43.07	-76.53	-62.42	1.60	7.96	H
	5240	-53.06	-13	-40.06	-79.01	-60.28	2.48	9.70	H
	6983	-47.75	-13	-34.75	-79.66	-55.93	2.60	10.78	H
									H
									H
									H
									H
	3490	-57.70	-13	-44.70	-77.53	-64.05	1.60	7.96	V
	5240	-52.92	-13	-39.92	-77.99	-60.14	2.48	9.70	V
	6983	-46.63	-13	-33.63	-78.89	-54.81	2.60	10.78	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	-57.14	-13	-44.14	-77.47	-63.21	1.58	7.65	H
	5135	-53.80	-13	-40.80	-79.14	-61.09	2.41	9.70	H
	6843	-47.40	-13	-34.40	-79.77	-55.37	2.64	10.61	H
									H
									H
									H
									H
	3420	-57.78	-13	-44.78	-77.52	-63.85	1.58	7.65	V
	5135	-51.00	-13	-38.00	-77.52	-58.29	2.41	9.70	V
	6843	-47.70	-13	-34.70	-79.66	-55.67	2.64	10.61	V
									V
									V
									V
									V
Middle	3455	-55.28	-13	-42.28	-75.9	-61.49	1.59	7.80	H
	5184	-53.56	-13	-40.56	-79.45	-60.82	2.44	9.70	H
	6910	-48.25	-13	-35.25	-80.28	-56.32	2.62	10.69	H
									H
									H
									H
									H
	3455	-54.10	-13	-41.10	-74.99	-60.31	1.59	7.80	V
	5184	-54.50	-13	-41.50	-79.79	-61.76	2.44	9.70	V
	6910	-47.85	-13	-34.85	-80.11	-55.92	2.62	10.69	V
									V
									V
									V
									V



Highest	3483	-57.49	-13	-44.49	-78.06	-63.82	1.60	7.93	H
	5226	-53.71	-13	-40.71	-79.45	-60.94	2.47	9.70	H
	6962	-46.10	-13	-33.10	-78.03	-54.25	2.60	10.75	H
									H
									H
									H
									H
	3483	-57.58	-13	-44.58	-77.88	-63.91	1.60	7.93	V
	5226	-52.09	-13	-39.09	-78.6	-59.32	2.47	9.70	V
	6962	-47.61	-13	-34.61	-79.41	-55.76	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	-58.81	-13	-45.81	-78.06	-64.88	1.58	7.65	H
	5128	-53.76	-13	-40.76	-79.25	-61.05	2.41	9.70	H
	6843	-47.37	-13	-34.37	-79.81	-55.34	2.64	10.61	H
									H
									H
									H
									H
	3420	-57.10	-13	-44.10	-77.88	-63.17	1.58	7.65	V
	5128	-53.23	-13	-40.23	-79.49	-60.52	2.41	9.70	V
	6843	-47.82	-13	-34.82	-79.42	-55.79	2.64	10.61	V
									V
									V
									V
									V
Middle	3448	-56.86	-13	-43.86	-76.3	-63.04	1.59	7.77	H
	5172	-53.23	-13	-40.23	-79.52	-60.49	2.44	9.70	H
	6896	-48.07	-13	-35.07	-80.17	-56.12	2.62	10.68	H
									H
									H
									H
									H
	3448	-55.13	-13	-42.13	-75.31	-61.31	1.59	7.77	V
	5172	-53.20	-13	-40.20	-78.72	-60.46	2.44	9.70	V
	6896	-47.87	-13	-34.87	-80.1	-55.92	2.62	10.68	V
									V
									V
									V
									V



Highest	3470	-58.89	-13	-45.89	-78.32	-65.16	1.59	7.87	H
	5205	-54.67	-13	-41.67	-79.94	-61.91	2.46	9.70	H
	6940	-47.17	-13	-34.17	-79.86	-55.29	2.61	10.73	H
									H
									H
									H
									H
	3470	-58.70	-13	-45.70	-78.33	-64.97	1.59	7.87	V
	5205	-53.82	-13	-40.82	-79.51	-61.06	2.46	9.70	V
	6940	-47.75	-13	-34.75	-80.07	-55.87	2.61	10.73	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	-63.94	-13	-50.94	-77.11	-65.7	0.98	4.89	H	
	2472	-48.15	-13	-35.15	-64.5	-50.03	1.28	5.32	H	
	4120	-57.89	-13	-44.89	-79.35	-62.53	1.83	8.62	H	
										H
										H
										H
										H
	1648	-63.85	-13	-50.85	-77.02	-65.61	0.98	4.89	V	
	2472	-52.22	-13	-39.22	-68.57	-54.1	1.28	5.32	V	
	4120	-58.15	-13	-45.15	-79.61	-62.79	1.83	8.62	V	
										V
										V
										V
										V
Middle	1672	-63.60	-13	-50.60	-76.84	-65.28	0.99	4.82	H	
	2512	-51.91	-13	-38.91	-68.43	-53.88	1.29	5.41	H	
	4176	-57.33	-13	-44.33	-79.01	-61.95	1.86	8.64	H	
										H
										H
										H
										H
	1672	-63.70	-13	-50.70	-76.94	-65.38	0.99	4.82	V	
	2512	-53.70	-13	-40.70	-70.22	-55.67	1.29	5.41	V	
	4176	-57.60	-13	-44.60	-79.28	-62.22	1.86	8.64	V	
										V
										V
										V
										V



Highest	1696	-63.42	-13	-50.42	-76.72	-65.02	1.00	4.75	H
	2544	-55.86	-13	-42.86	-72.55	-57.84	1.30	5.44	H
	4240	-56.88	-13	-43.88	-78.82	-61.48	1.90	8.65	H
									H
									H
									H
									H
	1696	-63.30	-13	-50.30	-76.6	-64.9	1.00	4.75	V
	2544	-55.31	-13	-42.31	-72	-57.29	1.30	5.44	V
	4240	-56.94	-13	-43.94	-78.88	-61.54	1.90	8.65	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	-63.90	-13	-50.90	-77.07	-65.66	0.98	4.89	H
	2472	-51.16	-13	-38.16	-67.51	-53.04	1.28	5.32	H
	4120	-57.95	-13	-44.95	-79.41	-62.59	1.83	8.62	H
									H
									H
									H
									H
	1648	-63.69	-13	-50.69	-76.86	-65.45	0.98	4.89	V
	2472	-54.06	-13	-41.06	-70.41	-55.94	1.28	5.32	V
	4120	-58.23	-13	-45.23	-79.69	-62.87	1.83	8.62	V
									V
									V
									V
									V
Middle	1672	-62.71	-13	-49.71	-75.95	-64.39	0.99	4.82	H
	2504	-52.71	-13	-39.71	-69.15	-54.67	1.29	5.40	H
	4176	-57.18	-13	-44.18	-78.86	-61.8	1.86	8.64	H
									H
									H
									H
									H
	1672	-63.43	-13	-50.43	-76.67	-65.11	0.99	4.82	V
	2504	-54.96	-13	-41.96	-71.4	-56.92	1.29	5.40	V
	4176	-57.47	-13	-44.47	-79.15	-62.09	1.86	8.64	V
									V
									V
									V
									V
								V	



Highest	1696	-62.97	-13	-49.97	-76.27	-64.57	1.00	4.75	H
	2536	-54.16	-13	-41.16	-70.76	-56.14	1.30	5.43	H
	4232	-56.97	-13	-43.97	-78.85	-61.57	1.89	8.65	H
									H
									H
									H
									H
	1696	-62.81	-13	-49.81	-76.11	-64.41	1.00	4.75	V
	2536	-55.80	-13	-42.80	-72.4	-57.78	1.30	5.43	V
	4232	-57.02	-13	-44.02	-78.9	-61.62	1.89	8.65	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	-63.05	-13	-50.05	-76.22	-64.81	0.98	4.89	H
	2472	-43.41	-13	-30.41	-59.76	-45.29	1.28	5.32	H
	4120	-57.73	-13	-44.73	-79.19	-62.37	1.83	8.62	H
									H
									H
									H
									H
	1648	-63.37	-13	-50.37	-76.54	-65.13	0.98	4.89	V
	2472	-43.80	-13	-30.80	-60.15	-45.68	1.28	5.32	V
	4120	-57.80	-13	-44.80	-79.26	-62.44	1.83	8.62	V
									V
									V
									V
									V
Middle	1672	-62.81	-13	-49.81	-76.05	-64.49	0.99	4.82	H
	2504	-50.54	-13	-37.54	-66.98	-52.5	1.29	5.40	H
	4168	-57.13	-13	-44.13	-78.73	-61.76	1.86	8.63	H
									H
									H
									H
									H
	1672	-63.14	-13	-50.14	-76.38	-64.82	0.99	4.82	V
	2504	-53.62	-13	-40.62	-70.06	-55.58	1.29	5.40	V
	4168	-57.15	-13	-44.15	-78.75	-61.78	1.86	8.63	V
									V
									V
									V
									V



Highest	1688	-61.46	-13	-48.46	-74.73	-63.09	1.00	4.77	H
	2536	-50.74	-13	-37.74	-67.34	-52.72	1.30	5.43	H
	4224	-56.55	-13	-43.55	-78.43	-61.15	1.89	8.64	H
									H
									H
									H
									H
	1688	-61.95	-13	-48.95	-75.22	-63.58	1.00	4.77	V
	2536	-47.00	-13	-34.00	-63.6	-48.98	1.30	5.43	V
	4224	-56.72	-13	-43.72	-78.6	-61.32	1.89	8.64	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	-63.47	-13	-50.47	-76.64	-65.23	0.98	4.89	H
	2472	-51.54	-13	-38.54	-67.89	-53.42	1.28	5.32	H
	4120	-57.65	-13	-44.65	-79.11	-62.29	1.83	8.62	H
									H
									H
									H
									H
	1648	-63.29	-13	-50.29	-76.46	-65.05	0.98	4.89	V
	2472	-55.35	-13	-42.35	-71.7	-57.23	1.28	5.32	V
	4120	-57.54	-13	-44.54	-79	-62.18	1.83	8.62	V
									V
									V
									V
									V
Middle	1664	-62.86	-13	-49.86	-76.08	-64.57	0.98	4.84	H
	2496	-49.54	-13	-36.54	-65.98	-51.49	1.29	5.39	H
	4160	-57.44	-13	-44.44	-79.04	-62.07	1.85	8.63	H
									H
									H
									H
									H
	1664	-63.60	-13	-50.60	-76.82	-65.31	0.98	4.84	V
	2496	-54.88	-13	-41.88	-71.32	-56.83	1.29	5.39	V
	4160	-57.12	-13	-44.12	-78.72	-61.75	1.85	8.63	V
									V
									V
									V
									V
								V	



Highest	1680	-63.31	-13	-50.31	-76.58	-64.96	0.99	4.80	H
	2520	-55.29	-13	-42.29	-71.81	-57.26	1.30	5.42	H
	4200	-56.79	-13	-43.79	-78.54	-61.4	1.88	8.64	H
									H
									H
									H
									H
	1680	-63.35	-13	-50.35	-76.62	-65	0.99	4.80	V
	2520	-55.61	-13	-42.61	-72.13	-57.58	1.30	5.42	V
	4200	-57.00	-13	-44.00	-78.75	-61.61	1.88	8.64	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	-48.85	-25	-23.85	-74.08	-56.21	2.34	9.70	H	
	7509	-46.97	-25	-21.97	-80.39	-56.35	2.43	11.81	H	
	10008	-38.40	-25	-13.40	-78.2	-47.91	2.70	12.20	H	
										H
										H
										H
										H
	5004	-51.32	-25	-26.32	-76.55	-58.68	2.34	9.70	V	
	7509	-47.16	-25	-22.16	-80.58	-56.54	2.43	11.81	V	
	10008	-36.90	-25	-11.90	-76.7	-46.41	2.70	12.20	V	
										V
										V
										V
										V
Middle	5064	-49.87	-25	-24.87	-75.23	-57.2	2.37	9.70	H	
	7596	-45.36	-25	-20.36	-78.9	-54.82	2.40	11.86	H	
	10128	-35.50	-25	-10.50	-75.67	-45.06	2.70	12.25	H	
										H
										H
										H
										H
	5064	-52.60	-25	-27.60	-77.93	-59.93	2.37	9.70	V	
	7596	-46.15	-25	-21.15	-79.69	-55.61	2.40	11.86	V	
	10128	-35.08	-25	-10.08	-75.25	-44.64	2.70	12.25	V	
										V
										V
										V
										V



Highest	5136	-51.23	-25	-26.23	-76.77	-58.51	2.42	9.70	H
	7692	-43.99	-25	-18.99	-77.69	-53.54	2.37	11.92	H
	10260	-35.33	-25	-10.33	-75.94	-44.94	2.69	12.30	H
									H
									H
									H
									H
	5136	-52.89	-25	-27.89	-78.43	-60.17	2.42	9.70	V
	7692	-45.92	-25	-20.92	-79.62	-55.47	2.37	11.92	V
	10260	-34.13	-25	-9.13	-74.74	-43.74	2.69	12.30	V
									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	-49.36	-25	-24.36	-74.59	-56.72	2.34	9.70	H
	7502	-46.93	-25	-21.93	-80.32	-56.3	2.43	11.80	H
	10008	-37.55	-25	-12.55	-77.35	-47.06	2.70	12.20	H
									H
									H
									H
									H
	5004	-51.80	-25	-26.80	-77.03	-59.16	2.34	9.70	V
	7502	-46.81	-25	-21.81	-80.2	-56.18	2.43	11.80	V
	10008	-35.98	-25	-10.98	-75.78	-45.49	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-50.38	-25	-25.38	-75.74	-57.71	2.37	9.70	H
	7596	-45.94	-25	-20.94	-79.48	-55.4	2.40	11.86	H
	10128	-35.87	-25	-10.87	-76.04	-45.43	2.70	12.25	H
									H
									H
									H
									H
	5064	-52.42	-25	-27.42	-77.78	-59.75	2.37	9.70	V
	7596	-45.55	-25	-20.55	-79.09	-55.01	2.40	11.86	V
	10128	-35.24	-25	-10.24	-75.41	-44.8	2.70	12.25	V
									V
									V
									V
									V
								V	



Highest	5124	-50.11	-25	-25.11	-75.65	-57.4	2.41	9.70	H
	7680	-42.14	-25	-17.14	-75.81	-51.68	2.37	11.91	H
	10248	-36.01	-25	-11.01	-76.56	-45.61	2.69	12.30	H
									H
									H
									H
									H
	5124	-51.54	-25	-26.54	-77.08	-58.83	2.41	9.70	V
	7680	-44.85	-25	-19.85	-78.52	-54.39	2.37	11.91	V
	10248	-34.52	-25	-9.52	-75.07	-44.12	2.69	12.30	V
									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	-49.83	-25	-24.83	-75.06	-57.19	2.34	9.70	H
	7502	-46.75	-25	-21.75	-80.14	-56.12	2.43	11.80	H
	10008	-36.58	-25	-11.58	-76.38	-46.09	2.70	12.20	H
									H
									H
									H
									H
	5004	-52.21	-25	-27.21	-77.44	-59.57	2.34	9.70	V
	7502	-46.72	-25	-21.72	-80.11	-56.09	2.43	11.80	V
	10008	-35.61	-25	-10.61	-75.41	-45.12	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-50.12	-25	-25.12	-75.43	-57.45	2.37	9.70	H
	7584	-45.64	-25	-20.64	-79.15	-55.09	2.40	11.85	H
	10116	-35.82	-25	-10.82	-75.94	-45.37	2.70	12.25	H
									H
									H
									H
									H
	5052	-51.50	-25	-26.50	-76.81	-58.83	2.37	9.70	V
	7584	-45.97	-25	-20.97	-79.48	-55.42	2.40	11.85	V
	10116	-35.26	-25	-10.26	-75.38	-44.81	2.70	12.25	V
									V
									V
									V
									V



Highest	5112	-54.28	-25	-29.28	-79.77	-61.58	2.40	9.70	H
	7668	-46.94	-25	-21.94	-80.59	-56.47	2.38	11.90	H
	10224	-40.75	-25	-15.75	-81.24	-50.34	2.69	12.29	H
									H
									H
									H
									H
	5112	-51.47	-25	-26.47	-76.96	-58.77	2.40	9.70	V
	7668	-44.82	-25	-19.82	-78.47	-54.35	2.38	11.90	V
	10224	-37.76	-25	-12.76	-78.25	-47.35	2.69	12.29	V
									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	-48.46	-25	-23.46	-73.7	-55.82	2.34	9.70	H
	7506	-46.80	-25	-21.80	-80.23	-56.18	2.43	11.80	H
	10008	-38.41	-25	-13.41	-78.22	-47.92	2.70	12.20	H
									H
									H
									H
									H
	5004	-50.31	-25	-25.31	-75.55	-57.67	2.34	9.70	V
	7506	-46.56	-25	-21.56	-79.99	-55.94	2.43	11.80	V
	10008	-35.95	-25	-10.95	-75.76	-45.46	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-49.50	-25	-24.50	-74.81	-56.83	2.37	9.70	H
	7584	-45.76	-25	-20.76	-79.27	-55.21	2.40	11.85	H
	10104	-35.43	-25	-10.43	-75.55	-44.98	2.70	12.24	H
									H
									H
									H
									H
	5052	-51.47	-25	-26.47	-76.79	-58.8	2.37	9.70	V
	7584	-45.06	-25	-20.06	-78.58	-54.51	2.40	11.85	V
	10104	-34.27	-25	-9.27	-74.4	-43.82	2.70	12.24	V
									V
									V
									V
									V
								V	



Highest	5100	-49.05	-25	-24.05	-74.51	-56.36	2.39	9.70	H
	7656	-43.61	-25	-18.61	-77.27	-53.12	2.38	11.89	H
	10200	-36.88	-25	-11.88	-77.27	-46.46	2.70	12.28	H
									H
									H
									H
									H
	5100	-52.05	-25	-27.05	-77.51	-59.36	2.39	9.70	V
	7656	-44.65	-25	-19.65	-78.31	-54.16	2.38	11.89	V
	10200	-34.92	-25	-9.92	-75.31	-44.5	2.70	12.28	V
									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	-63.31	-13.00	-50.31	-75.26	-64.97	0.87	4.68	H
	2096	-38.14	-13.00	-25.14	-52.61	-39.01	1.16	4.19	H
	3496	-58.21	-13.00	-45.21	-78.44	-62.44	1.60	7.98	H
									H
									H
									H
									H
	1400	-63.21	-13.00	-50.21	-75.16	-64.87	0.87	4.68	V
	2096	-40.32	-13.00	-27.32	-54.79	-41.19	1.16	4.19	V
	3496	-58.33	-13.00	-45.33	-78.56	-62.56	1.60	7.98	V
									V
									V
									V
									V
Middle	1416	-63.03	-13.00	-50.03	-74.98	-64.78	0.87	4.78	H
	2120	-42.97	-13.00	-29.97	-57.60	-43.91	1.17	4.26	H
	3536	-58.58	-13.00	-45.58	-78.85	-62.86	1.62	8.04	H
									H
									H
									H
									H
	1416	-63.35	-13.00	-50.35	-75.30	-65.10	0.87	4.78	V
	2120	-43.97	-13.00	-30.97	-58.60	-44.91	1.17	4.26	V
	3536	-58.31	-13.00	-45.31	-78.58	-62.59	1.62	8.04	V
									V
									V
									V
									V



Highest	1424	-63.12	-13.00	-50.12	-75.27	-64.92	0.88	4.83	H
	2144	-44.97	-13.00	-31.97	-59.69	-45.97	1.18	4.33	H
	3568	-57.97	-13.00	-44.97	-78.29	-62.28	1.63	8.08	H
									H
									H
									H
									H
	1424	-62.71	-13.00	-49.71	-74.86	-64.51	0.88	4.83	V
	2144	-48.82	-13.00	-35.82	-63.54	-49.82	1.18	4.33	V
	3568	-58.25	-13.00	-45.25	-78.57	-62.56	1.63	8.08	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	-63.22	-13.00	-50.22	-75.17	-64.88	0.87	4.68	H
	2096	-37.01	-13.00	-24.01	-51.48	-37.88	1.16	4.19	H
	3496	-58.57	-13.00	-45.57	-78.80	-62.80	1.60	7.98	H
									H
									H
									H
									H
	1400	-63.33	-13.00	-50.33	-75.28	-64.99	0.87	4.68	V
	2096	-39.89	-13.00	-26.89	-54.36	-40.76	1.16	4.19	V
	3496	-58.53	-13.00	-45.53	-78.76	-62.76	1.60	7.98	V
									V
									V
									V
									V
Middle	1416	-63.27	-13.00	-50.27	-75.22	-65.02	0.87	4.78	H
	2120	-41.24	-13.00	-28.24	-55.87	-42.18	1.17	4.26	H
	3528	-57.94	-13.00	-44.94	-78.21	-62.21	1.61	8.03	H
									H
									H
									H
									H
	1416	-63.10	-13.00	-50.10	-75.05	-64.85	0.87	4.78	V
	2120	-42.99	-13.00	-29.99	-57.62	-43.93	1.17	4.26	V
	3528	-58.26	-13.00	-45.26	-78.53	-62.53	1.61	8.03	V
									V
									V
									V
									V
								V	



Highest	1424	-63.16	-13.00	-50.16	-75.31	-64.96	0.88	4.83	H
	2144	-40.91	-13.00	-27.91	-55.63	-41.91	1.18	4.33	H
	3568	-57.74	-13.00	-44.74	-78.06	-62.05	1.63	8.08	H
									H
									H
									H
									H
	1424	-63.19	-13.00	-50.19	-75.34	-64.99	0.88	4.83	V
	2144	-42.29	-13.00	-29.29	-57.01	-43.29	1.18	4.33	V
	3568	-58.24	-13.00	-45.24	-78.56	-62.55	1.63	8.08	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	-63.00	-13.00	-50.00	-74.95	-64.66	0.87	4.68	H
	2096	-34.55	-13.00	-21.55	-49.02	-35.42	1.16	4.19	H
	3496	-57.96	-13.00	-44.96	-78.19	-62.19	1.60	7.98	H
									H
									H
									H
									H
	1400	-63.04	-13.00	-50.04	-74.99	-64.70	0.87	4.68	V
	2096	-38.72	-13.00	-25.72	-53.19	-39.59	1.16	4.19	V
	3496	-58.45	-13.00	-45.45	-78.68	-62.68	1.60	7.98	V
									V
									V
									V
									V
Middle	1408	-63.25	-13.00	-50.25	-75.20	-64.96	0.87	4.73	H
	2120	-41.35	-13.00	-28.35	-55.98	-42.29	1.17	4.26	H
	3528	-58.12	-13.00	-45.12	-78.39	-62.39	1.61	8.03	H
									H
									H
									H
									H
	1408	-62.82	-13.00	-49.82	-74.77	-64.53	0.87	4.73	V
	2120	-42.60	-13.00	-29.60	-57.23	-43.54	1.17	4.26	V
	3528	-58.11	-13.00	-45.11	-78.38	-62.38	1.61	8.03	V
									V
									V
									V
									V
								V	



Highest	1424	-63.09	-13.00	-50.09	-75.24	-64.89	0.88	4.83	H
	2136	-39.71	-13.00	-26.71	-54.43	-40.69	1.18	4.31	H
	3560	-57.87	-13.00	-44.87	-78.19	-62.17	1.62	8.07	H
									H
									H
									H
									H
	1424	-63.18	-13.00	-50.18	-75.33	-64.98	0.88	4.83	V
	2136	-41.90	-13.00	-28.90	-56.62	-42.88	1.18	4.31	V
	3560	-58.38	-13.00	-45.38	-78.70	-62.68	1.62	8.07	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	-62.27	-13.00	-49.27	-75.21	-63.93	0.87	4.68	H
	2096	-36.39	-13.00	-23.39	-50.85	-37.26	1.16	4.19	H
	3496	-58.36	-13.00	-45.36	-78.58	-62.59	1.60	7.98	H
									H
									H
									H
									H
	1400	-63.10	-13.00	-50.10	-75.04	-64.76	0.87	4.68	V
	2096	-39.93	-13.00	-26.93	-54.39	-40.80	1.16	4.19	V
	3496	-58.18	-13.00	-45.18	-78.40	-62.41	1.60	7.98	V
									V
									V
									V
									V
Middle	1408	-63.24	-13.00	-50.24	-75.18	-64.95	0.87	4.73	H
	2112	-38.05	-13.00	-25.05	-52.59	-38.97	1.17	4.24	H
	3512	-58.62	-13.00	-45.62	-78.86	-62.88	1.61	8.01	H
									H
									H
									H
									H
	1408	-63.20	-13.00	-50.20	-75.14	-64.91	0.87	4.73	V
	2112	-42.13	-13.00	-29.13	-56.67	-43.05	1.17	4.24	V
	3512	-58.24	-13.00	-45.24	-78.48	-62.50	1.61	8.01	V
									V
									V
									V
									V
								V	



Highest	1416	-63.25	-13.00	-50.25	-75.19	-65.00	0.87	4.78	H
	2120	-41.89	-13.00	-28.89	-56.51	-42.83	1.17	4.26	H
	3536	-58.29	-13.00	-45.29	-78.55	-62.57	1.62	8.04	H
									H
									H
									H
									H
	1416	-62.91	-13.00	-49.91	-74.85	-64.66	0.87	4.78	V
	2120	-44.85	-13.00	-31.85	-59.47	-45.79	1.17	4.26	V
	3536	-58.40	-13.00	-45.40	-78.66	-62.68	1.62	8.04	V
									V
									V
									V
									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	-63.27	-13	-50.27	-75.22	-64.98	0.87	4.73	H
	2112	-40.34	-13	-27.34	-54.89	-41.26	1.17	4.24	H
	2816	-59.95	-13	-46.95	-77.96	-62.06	1.39	5.65	H
									H
									H
									H
									H
	1408	-63.35	-13	-50.35	-75.30	-65.06	0.87	4.73	V
	2112	-43.31	-13	-30.31	-57.86	-44.23	1.17	4.24	V
	2816	-60.06	-13	-47.06	-78.07	-62.17	1.39	5.65	V
									V
									V
									V
									V
Middle	1413	-63.03	-13	-50.03	-74.98	-64.77	0.87	4.76	H
	2120	-41.74	-13	-28.74	-56.37	-42.68	1.17	4.26	H
	2827	-59.60	-13	-46.60	-77.61	-61.72	1.39	5.66	H
									H
									H
									H
									H
	1413	-63.08	-13	-50.08	-75.03	-64.82	0.87	4.76	V
	2120	-44.47	-13	-31.47	-59.10	-45.41	1.17	4.26	V
	2827	-59.91	-13	-46.91	-77.92	-62.03	1.39	5.66	V
									V
									V
									V
									V



Highest	1424	-62.54	-13	-49.54	-74.69	-64.34	0.88	4.83	H
	2136	-37.19	-13	-24.19	-51.91	-38.17	1.18	4.31	H
	2848	-59.21	-13	-46.21	-77.38	-61.34	1.40	5.68	H
									H
									H
									H
									H
	1424	-62.66	-13	-49.66	-74.81	-64.46	0.88	4.83	V
	2136	-40.89	-13	-27.89	-55.61	-41.87	1.18	4.31	V
	2848	-59.44	-13	-46.44	-77.61	-61.57	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	-62.83	-13	-49.83	-74.78	-64.54	0.87	4.73	H
	2112	-40.73	-13	-27.73	-55.28	-41.65	1.17	4.24	H
	2816	-59.50	-13	-46.50	-77.51	-61.61	1.39	5.65	H
									H
									H
									H
									H
	1408	-62.90	-13	-49.90	-74.85	-64.61	0.87	4.73	V
	2112	-42.58	-13	-29.58	-57.13	-43.50	1.17	4.24	V
	2816	-59.95	-13	-46.95	-77.96	-62.06	1.39	5.65	V
									V
									V
									V
									V
Middle	1416	-63.04	-13	-50.04	-74.99	-64.79	0.87	4.78	H
	2120	-41.09	-13	-28.09	-55.72	-42.03	1.17	4.26	H
	2827	-59.72	-13	-46.72	-77.73	-61.84	1.39	5.66	H
									H
									H
									H
									H
	1416	-63.09	-13	-50.09	-75.04	-64.84	0.87	4.78	V
	2120	-43.31	-13	-30.31	-57.94	-44.25	1.17	4.26	V
	2827	-59.83	-13	-46.83	-77.84	-61.95	1.39	5.66	V
									V
									V
									V
									V
								V	



Highest	1413	-62.86	-13	-49.86	-74.81	-64.60	0.87	4.76	H
	2120	-41.66	-13	-28.66	-56.29	-42.60	1.17	4.26	H
	2827	-59.70	-13	-46.70	-77.71	-61.82	1.39	5.66	H
									H
									H
									H
									H
	1413	-63.20	-13	-50.20	-75.15	-64.94	0.87	4.76	V
	2120	-42.42	-13	-29.42	-57.05	-43.36	1.17	4.26	V
	2827	-59.82	-13	-46.82	-77.83	-61.94	1.39	5.66	V
									V
									V
									V
									V

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



IC LTE Band 17 / 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	1408	-61.12	-13.00	-48.12	-75.22	-64.98	0.87	4.73	H
	2112	-38.19	-13.00	-25.19	-54.89	-41.26	1.17	4.24	H
	2816	-57.80	-13.00	-44.80	-77.96	-62.06	1.39	5.65	H
									H
									H
									H
									H
	1408	-61.20	-13.00	-48.20	-75.30	-65.06	0.87	4.73	V
	2112	-41.16	-13.00	-28.16	-57.86	-44.23	1.17	4.24	V
	2816	-57.91	-13.00	-44.91	-78.07	-62.17	1.39	5.65	V
									V
									V
									V
									V
Middle	1413	-60.88	-13	-47.88	-74.98	-64.77	0.87	4.76	H
	2120	-39.59	-13	-26.59	-56.37	-42.68	1.17	4.26	H
	2827	-57.45	-13	-44.45	-77.61	-61.72	1.39	5.66	H
									H
									H
									H
									H
	1413	-60.93	-13	-47.93	-75.03	-64.82	0.87	4.76	V
	2120	-42.32	-13	-29.32	-59.10	-45.41	1.17	4.26	V
	2827	-57.76	-13	-44.76	-77.92	-62.03	1.39	5.66	V
									V
									V
									V
									V



Highest	1424	-60.39	-13	-47.39	-74.69	-64.34	0.88	4.83	H
	2136	-35.04	-13	-22.04	-51.91	-38.17	1.18	4.31	H
	2848	-57.06	-13	-44.06	-77.38	-61.34	1.40	5.68	H
									H
									H
									H
									H
	1424	-60.51	-13	-47.51	-74.81	-64.46	0.88	4.83	V
	2136	-38.74	-13	-25.74	-55.61	-41.87	1.18	4.31	V
	2848	-57.29	-13	-44.29	-77.61	-61.57	1.40	5.68	V
									V
									V
									V
									V

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



IC LTE Band 17 / 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	1408	-60.68	-13	-47.68	-74.78	-64.54	0.87	4.73	H
	2112	-38.58	-13	-25.58	-55.28	-41.65	1.17	4.24	H
	2816	-57.35	-13	-44.35	-77.51	-61.61	1.39	5.65	H
									H
									H
									H
									H
	1408	-60.75	-13	-47.75	-74.85	-64.61	0.87	4.73	V
	2112	-40.43	-13	-27.43	-57.13	-43.50	1.17	4.24	V
	2816	-57.80	-13	-44.80	-77.96	-62.06	1.39	5.65	V
									V
									V
									V
									V
Middle	1416	-60.89	-13	-47.89	-74.99	-64.79	0.87	4.78	H
	2120	-38.94	-13	-25.94	-55.72	-42.03	1.17	4.26	H
	2827	-57.57	-13	-44.57	-77.73	-61.84	1.39	5.66	H
									H
									H
									H
									H
	1416	-60.94	-13	-47.94	-75.04	-64.84	0.87	4.78	V
	2120	-41.16	-13	-28.16	-57.94	-44.25	1.17	4.26	V
	2827	-57.68	-13	-44.68	-77.84	-61.95	1.39	5.66	V
									V
									V
									V
									V



Highest	1413	-60.71	-13	-47.71	-74.81	-64.60	0.87	4.76	H
	2120	-39.51	-13	-26.51	-56.29	-42.60	1.17	4.26	H
	2827	-57.55	-13	-44.55	-77.71	-61.82	1.39	5.66	H
									H
									H
									H
									H
	1413	-61.05	-13	-48.05	-75.15	-64.94	0.87	4.76	V
	2120	-40.27	-13	-27.27	-57.05	-43.36	1.17	4.26	V
	2827	-57.67	-13	-44.67	-77.83	-61.94	1.39	5.66	V
									V
									V
									V
									V

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



LTE Band 38

LTE Band 38 / 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	5136	-46.49	-25	-21.49	-72.04	-53.77	2.42	9.70	H	
	7716	-40.42	-25	-15.42	-74.15	-49.99	2.36	11.93	H	
	10284	-36.27	-25	-11.27	-76.93	-45.89	2.69	12.31	H	
										H
										H
										H
										H
	5136	-48.70	-25	-23.70	-74.25	-55.98	2.42	9.70	V	
	7716	-43.28	-25	-18.28	-77.01	-52.85	2.36	11.93	V	
	10284	-36.58	-25	-11.58	-77.24	-46.2	2.69	12.31	V	
										V
										V
										V
										V
Middle	5184	-47.24	-25	-22.24	-72.91	-54.5	2.44	9.70	H	
	7776	-38.47	-25	-13.47	-72.3	-48.1	2.34	11.97	H	
	10368	-34.99	-25	-9.99	-75.93	-44.64	2.69	12.35	H	
										H
										H
										H
										H
	5184	-48.33	-25	-23.33	-74	-55.59	2.44	9.70	V	
	7776	-42.84	-25	-17.84	-76.67	-52.47	2.34	11.97	V	
	10368	-34.81	-25	-9.81	-75.75	-44.46	2.69	12.35	V	
										V
										V
										V
										V



Highest	5232	-46.94	-25	-21.94	-72.75	-54.17	2.47	9.70	H
	7848	-36.97	-25	-11.97	-70.89	-46.66	2.32	12.01	H
	10464	-34.56	-25	-9.56	-75.81	-44.25	2.69	12.39	H
									H
									H
									H
									H
	5232	-48.79	-25	-23.79	-74.6	-56.02	2.47	9.70	V
	7848	-43.22	-25	-18.22	-77.14	-52.91	2.32	12.01	V
	10464	-34.67	-25	-9.67	-75.92	-44.36	2.69	12.39	V
									V
									V
									V
									V

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



LTE Band 38 / 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	5136	-47.30	-25	-22.30	-72.85	-54.58	2.42	9.70	H
	7716	-39.34	-25	-14.34	-73.07	-48.91	2.36	11.93	H
	10284	-37.57	-25	-12.57	-78.23	-47.19	2.69	12.31	H
									H
									H
									H
									H
	5136	-50.22	-25	-25.22	-75.77	-57.5	2.42	9.70	V
	7716	-42.83	-25	-17.83	-76.56	-52.4	2.36	11.93	V
	10284	-34.56	-25	-9.56	-75.22	-44.18	2.69	12.31	V
									V
									V
									V
									V
Middle	5184	-46.99	-25	-21.99	-72.66	-54.25	2.44	9.70	H
	7776	-38.30	-25	-13.30	-72.13	-47.93	2.34	11.97	H
	10368	-35.81	-25	-10.81	-76.75	-45.46	2.69	12.35	H
									H
									H
									H
									H
	5184	-48.01	-25	-23.01	-73.68	-55.27	2.44	9.70	V
	7776	-42.70	-25	-17.70	-76.53	-52.33	2.34	11.97	V
	10368	-36.02	-25	-11.02	-76.96	-45.67	2.69	12.35	V
									V
									V
									V
									V



Highest	5220	-47.61	-25	-22.61	-73.37	-54.85	2.46	9.70	H
	7836	-36.32	-25	-11.32	-70.22	-46	2.32	12.00	H
	10440	-35.15	-25	-10.15	-76.29	-44.83	2.69	12.38	H
									H
									H
									H
									H
	5220	-49.05	-25	-24.05	-74.81	-56.29	2.46	9.70	V
	7836	-42.69	-25	-17.69	-76.59	-52.37	2.32	12.00	V
	10440	-35.68	-25	-10.68	-76.82	-45.36	2.69	12.38	V
									V
									V
									V
									V

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



LTE Band 38 / 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	5148	-46.61	-25	-21.61	-72.19	-53.89	5148	-46.61	H
	7716	-40.07	-25	-15.07	-73.8	-49.64	7716	-40.07	H
	10284	-36.89	-25	-11.89	-77.55	-46.51	10284	-36.89	H
									H
									H
									H
									H
	5148	-49.32	-25	-24.32	-74.9	-56.6	2.42	9.70	V
	7716	-44.14	-25	-19.14	-77.87	-53.71	2.36	11.93	V
	10284	-36.49	-25	-11.49	-77.15	-46.11	2.69	12.31	V
									V
									V
									V
									V
Middle	5172	-46.90	-25	-21.90	-72.53	-54.16	2.44	9.70	H
	7764	-38.30	-25	-13.30	-72.11	-47.91	2.34	11.96	H
	10356	-34.95	-25	-9.95	-75.82	-44.6	2.69	12.34	H
									H
									H
									H
									H
	5172	-47.45	-25	-22.45	-73.08	-54.71	2.44	9.70	V
	7764	-44.16	-25	-19.16	-77.97	-53.77	2.34	11.96	V
	10356	-35.43	-25	-10.43	-76.3	-45.08	2.69	12.34	V
									V
									V
									V
									V
								V	



Highest	5208	-48.49	-25	-23.49	-74.25	-55.73	2.46	9.70	H
	7824	-37.12	-25	-12.12	-70.99	-46.79	2.32	11.99	H
	10428	-33.28	-25	-8.28	-74.42	-42.96	2.69	12.37	H
									H
									H
									H
									H
	5208	-50.26	-25	-25.26	-76.02	-57.5	2.46	9.70	V
	7824	-43.08	-25	-18.08	-76.95	-52.75	2.32	11.99	V
	10428	-34.89	-25	-9.89	-76.03	-44.57	2.69	12.37	V
									V
									V
									V
									V

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



LTE Band 38 / 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	5148	-45.99	-25	-20.99	-71.57	-53.27	2.42	9.70	H
	7716	-38.99	-25	-13.99	-72.72	-48.56	2.36	11.93	H
	10284	-36.04	-25	-11.04	-76.7	-45.66	2.69	12.31	H
									H
									H
									H
									H
	5148	-48.23	-25	-23.23	-73.81	-55.51	2.42	9.70	V
	7716	-43.22	-25	-18.22	-76.95	-52.79	2.36	11.93	V
	10284	-35.06	-25	-10.06	-75.72	-44.68	2.69	12.31	V
									V
									V
									V
									V
Middle	5172	-46.61	-25	-21.61	-72.24	-53.87	2.44	9.70	H
	7764	-38.41	-25	-13.41	-72.22	-48.02	2.34	11.96	H
	10344	-34.00	-25	-9.00	-74.89	-43.64	2.69	12.34	H
									H
									H
									H
									H
	5172	-48.53	-25	-23.53	-74.16	-55.79	2.44	9.70	V
	7764	-42.86	-25	-17.86	-76.67	-52.47	2.34	11.96	V
	10344	-34.64	-25	-9.64	-75.53	-44.28	2.69	12.34	V
									V
									V
									V
									V



Highest	5208	-46.88	-25	-21.88	-72.64	-54.12	2.46	9.70	H
	7800	-37.11	-25	-12.11	-70.96	-46.76	2.33	11.98	H
	10404	-34.83	-25	-9.83	-75.86	-44.5	2.69	12.36	H
									H
									H
									H
									H
	5208	-47.94	-25	-22.94	-73.7	-55.18	2.46	9.70	V
	7800	-42.96	-25	-17.96	-76.81	-52.61	2.33	11.98	V
	10404	-33.60	-25	-8.60	-74.63	-43.27	2.69	12.36	V
									V
									V
									V
									V

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