



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	-57.08	-13	-44.08	-66.92	-58.84	0.98	4.89	H
	2472	-46.24	-13	-33.24	-59.93	-48.12	1.28	5.32	H
	3296	-51.50	-13	-38.50	-67.4	-54.91	1.54	7.10	H
									H
									H
									H
									H
	1648	-56.74	-13	-43.74	-66.46	-58.5	0.98	4.89	V
	2472	-48.35	-13	-35.35	-62.22	-50.23	1.28	5.32	V
	3296	-51.93	-13	-38.93	-67.8	-55.34	1.54	7.10	V
									V
	Middle	1672	-55.20	-13	-42.20	-65.1	-56.88	0.99	4.82
2504		-40.25	-13	-27.25	-54.02	-42.21	1.29	5.40	H
3336		-53.28	-13	-40.28	-69.15	-56.86	1.55	7.28	H
									H
									H
									H
									H
1672		-56.38	-13	-43.38	-66.23	-58.06	0.99	4.82	V
2504		-44.94	-13	-31.94	-58.73	-46.9	1.29	5.40	V
3336		-53.66	-13	-40.66	-69.66	-57.24	1.55	7.28	V
									V
Highest		1688	-57.25	-13	-44.25	-67.1	-58.88	1.00	4.77
	2536	-41.27	-13	-28.27	-55.16	-43.25	1.30	5.43	H
	3376	-51.31	-13	-38.31	-67.38	-55.05	1.57	7.45	H
									H
									H
									H
									H
	1688	-58.24	-13	-45.24	-68.17	-59.87	1.00	4.77	V
	2536	-47.07	-13	-34.07	-60.99	-49.05	1.30	5.43	V
	3376	-50.46	-13	-37.46	-66.6	-54.2	1.57	7.45	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	-55.80	-13	-42.80	-65.5	-57.56	0.98	4.89	H
	2472	-36.74	-13	-23.74	-50.37	-38.62	1.28	5.32	H
	3296	-51.70	-13	-38.70	-67.78	-55.11	1.54	7.10	H
									H
									H
									H
									H
	1648	-56.06	-13	-43.06	-65.89	-57.82	0.98	4.89	V
	2472	-41.31	-13	-28.31	-55.08	-43.19	1.28	5.32	V
	3296	-50.91	-13	-37.91	-66.74	-54.32	1.54	7.10	V
									V
	Middle	1664	-55.78	-13	-42.78	-65.57	-57.49	0.98	4.84
2496		-41.30	-13	-28.30	-55.07	-43.25	1.29	5.39	H
3328		-51.79	-13	-38.79	-67.75	-55.33	1.55	7.24	H
									H
									H
									H
									H
1664		-54.43	-13	-41.43	-64.21	-56.14	0.98	4.84	V
2496		-45.93	-13	-32.93	-59.71	-47.88	1.29	5.39	V
3328		-51.02	-13	-38.02	-67.14	-54.56	1.55	7.24	V
									V
Highest		1680	-52.63	-13	-39.63	-62.51	-54.28	0.99	4.80
	2520	-35.45	-13	-22.45	-49.28	-37.42	1.30	5.42	H
	3352	-53.15	-13	-40.15	-69.31	-56.79	1.56	7.35	H
									H
									H
									H
									H
	1680	-56.90	-13	-43.90	-66.74	-58.55	0.99	4.80	V
	2520	-39.02	-13	-26.02	-52.91	-40.99	1.30	5.42	V
	3352	-53.99	-13	-40.99	-69.98	-57.63	1.56	7.35	V
									V
									V
								V	

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



LTE Band 7

LTE Band 7 / 5MHz / QPSK									
Channel	Frequency (MHz)	EiRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4998	-45.64	-25	-20.64	-66.72	-53	2.34	9.70	H
	7500	-42.88	-25	-17.88	-70.13	-52.25	2.43	11.80	H
	9990	-41.38	-25	-16.38	-73.02	-50.89	2.69	12.21	H
									H
									H
									H
	4998	-49.05	-25	-24.05	-70.36	-56.41	2.34	9.70	V
	7500	-43.18	-25	-18.18	-70.55	-52.55	2.43	11.80	V
	9990	-42.93	-25	-17.93	-73.95	-52.44	2.69	12.21	V
									V
									V
									V
									V
									V
Middle	5064	-46.69	-25	-21.69	-67.93	-54.02	2.37	9.70	H
	7596	-43.08	-25	-18.08	-70.43	-52.54	2.40	11.86	H
	10134	-41.88	-25	-16.88	-73.66	-51.44	2.70	12.25	H
									H
									H
									H
	5064	-48.70	-25	-23.70	-70.15	-56.03	2.37	9.70	V
	7596	-43.43	-25	-18.43	-70.94	-52.89	2.40	11.86	V
	10134	-42.55	-25	-17.55	-73.7	-52.11	2.70	12.25	V
									V
									V
									V
									V
									V
Highest	5130	-47.09	-25	-22.09	-68.57	-54.38	2.41	9.70	H
	7692	-43.15	-25	-18.15	-70.63	-52.7	2.37	11.92	H
	10260	-41.15	-25	-16.15	-73.12	-50.76	2.69	12.30	H
									H
									H
									H
	5130	-49.05	-25	-24.05	-70.65	-56.34	2.41	9.70	V
	7692	-42.34	-25	-17.34	-69.88	-51.89	2.37	11.92	V
	10260	-42.73	-25	-17.73	-73.95	-52.34	2.69	12.30	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	-47.97	-25	-22.97	-69.1	-55.33	2.34	9.70	H
	7506	-43.38	-25	-18.38	-70.65	-52.76	2.43	11.80	H
	10008	-34.04	-25	-9.04	-74.22	-43.55	2.70	12.20	H
									H
									H
									H
									H
	5004	-48.44	-25	-23.44	-69.79	-55.8	2.34	9.70	V
	7506	-43.88	-25	-18.88	-71.27	-53.26	2.43	11.80	V
	10008	-43.44	-25	-18.44	-74.48	-52.95	2.70	12.20	V
									V
	Middle	5064	-46.06	-25	-21.06	-67.34	-53.39	2.37	9.70
7596		-44.10	-25	-19.10	-71.46	-53.56	2.40	11.86	H
10134		-42.27	-25	-17.27	-74.07	-51.83	2.70	12.25	H
									H
									H
									H
									H
5064		-49.64	-25	-24.64	-71.1	-56.97	2.37	9.70	V
7596		-43.17	-25	-18.17	-70.62	-52.63	2.40	11.86	V
10134		-42.46	-25	-17.46	-73.58	-52.02	2.70	12.25	V
									V
Highest		5124	-46.48	-25	-21.48	-67.78	-53.77	2.41	9.70
	7680	-36.71	-25	-11.71	-64.09	-46.25	2.37	11.91	H
	10242	-41.09	-25	-16.09	-73.05	-50.69	2.69	12.30	H
									H
									H
									H
									H
	5124	-48.57	-25	-23.57	-70.07	-55.86	2.41	9.70	V
	7680	-38.01	-25	-13.01	-65.51	-47.55	2.37	11.91	V
	10242	-42.58	-25	-17.58	-73.73	-52.18	2.69	12.30	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	-47.59	-25	-22.59	-68.72	-54.95	2.34	9.70	H
	7506	-43.85	-25	-18.85	-71.11	-53.23	2.43	11.80	H
	10008	-42.16	-25	-17.16	-73.83	-51.67	2.70	12.20	H
									H
									H
									H
									H
	5004	-48.76	-25	-23.76	-70.11	-56.12	2.34	9.70	V
	7506	-43.70	-25	-18.70	-71.09	-53.08	2.43	11.80	V
	10008	-41.95	-25	-16.95	-72.99	-51.46	2.70	12.20	V
									V
	Middle	5052	-49.53	-25	-24.53	-70.72	-56.86	2.37	9.70
7584		-44.09	-25	-19.09	-71.43	-53.54	2.40	11.85	H
10116		-40.88	-25	-15.88	-72.6	-50.43	2.70	12.25	H
									H
									H
									H
									H
5052		-49.13	-25	-24.13	-70.58	-56.46	2.37	9.70	V
7584		-43.33	-25	-18.33	-70.69	-52.78	2.40	11.85	V
10116		-42.16	-25	-17.16	-73.25	-51.71	2.70	12.25	V
									V
Highest		5112	-49.71	-25	-24.71	-71.14	-57.01	2.40	9.70
	7668	-43.57	-25	-18.57	-71.01	-53.1	2.38	11.90	H
	10224	-41.31	-25	-16.31	-73.24	-50.9	2.69	12.29	H
									H
									H
									H
									H
	5112	-48.95	-25	-23.95	-70.52	-56.25	2.40	9.70	V
	7668	-42.74	-25	-17.74	-70.25	-52.27	2.38	11.90	V
	10224	-42.40	-25	-17.40	-73.6	-51.99	2.69	12.29	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	-48.43	-25	-23.43	-69.56	-55.79	2.34	9.70	H
	7500	-43.78	-25	-18.78	-71.03	-53.15	2.43	11.80	H
	10004	-41.97	-25	-16.97	-73.64	-51.47	2.70	12.20	H
									H
									H
									H
									H
	5004	-48.59	-25	-23.59	-69.94	-55.95	2.34	9.70	V
	7500	-43.34	-25	-18.34	-70.71	-52.71	2.43	11.80	V
	10004	-42.96	-25	-17.96	-74	-52.46	2.70	12.20	V
									V
	Middle	5052	-45.34	-25	-20.34	-66.64	-52.67	2.37	9.70
7572		-43.27	-25	-18.27	-70.63	-52.71	2.41	11.84	H
10098		-42.34	-25	-17.34	-74	-51.88	2.70	12.24	H
									H
									H
									H
									H
5052		-49.35	-25	-24.35	-70.69	-56.68	2.37	9.70	V
7572		-43.60	-25	-18.60	-71.04	-53.04	2.41	11.84	V
10098		-41.79	-25	-16.79	-72.86	-51.33	2.70	12.24	V
									V
Highest		5100	-49.08	-25	-24.08	-70.46	-56.39	2.39	9.70
	7656	-43.46	-25	-18.46	-70.9	-52.97	2.38	11.89	H
	10206	-41.55	-25	-16.55	-73.46	-51.14	2.70	12.28	H
									H
									H
									H
									H
	5100	-49.01	-25	-24.01	-70.54	-56.32	2.39	9.70	V
	7656	-43.71	-25	-18.71	-71.22	-53.22	2.38	11.89	V
	10206	-42.68	-25	-17.68	-73.87	-52.27	2.70	12.28	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)	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	1400	-57.07	-13.00	-44.07	-65.26	-58.73	0.87	4.68	H	
	2096	-41.64	-13.00	-28.64	-53.37	-42.51	1.16	4.19	H	
	3496	-47.30	-13.00	-34.30	-63.51	-51.53	1.60	7.98	H	
										H
										H
										H
	1400	-58.03	-13.00	-45.03	-66.16	-59.69	0.87	4.68	V	
	2096	-37.66	-13.00	-24.66	-49.38	-38.53	1.16	4.19	V	
	3496	-51.44	-13.00	-38.44	-67.90	-55.67	1.60	7.98	V	
										V
										V
										V
Middle	2120	-40.90	-13.00	-27.90	-52.80	-41.84	1.17	4.26	H	
	2832	-52.86	-13.00	-39.86	-67.87	-54.98	1.39	5.67	H	
	3536	-47.41	-13.00	-34.41	-63.72	-51.69	1.62	8.04	H	
										H
										H
										H
	2120	-36.01	-13.00	-23.01	-47.90	-36.95	1.17	4.26	V	
	2832	-52.00	-13.00	-39.00	-66.69	-54.12	1.39	5.67	V	
	3536	-49.04	-13.00	-36.04	-65.59	-53.32	1.62	8.04	V	
										V
										V
										V
Highest	2144	-44.24	-13.00	-31.24	-56.23	-45.24	1.18	4.33	H	
	2856	-50.79	-13.00	-37.79	-65.86	-52.92	1.40	5.68	H	
	3576	-46.97	-13.00	-33.97	-63.44	-51.28	1.63	8.09	H	
										H
										H
										H
	2144	-43.87	-13.00	-30.87	-55.85	-44.87	1.18	4.33	V	
	2856	-52.52	-13.00	-39.52	-67.25	-54.65	1.40	5.68	V	
	3576	-50.12	-13.00	-37.12	-66.80	-54.43	1.63	8.09	V	
										V

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



LTE Band 12 / 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	2096	-39.22	-13.00	-26.22	-50.94	-40.09	1.16	4.19	H
	2800	-53.05	-13.00	-40.05	-67.94	-55.16	1.38	5.64	H
	3496	-50.05	-13.00	-37.05	-66.28	-54.28	1.60	7.98	H
									H
									H
									H
									H
	2096	-40.66	-13.00	-27.66	-52.44	-41.53	1.16	4.19	V
	2800	-51.66	-13.00	-38.66	-66.30	-53.77	1.38	5.64	V
	3496	-53.28	-13.00	-40.28	-69.68	-57.51	1.60	7.98	V
									V
	Middle	2120	-39.22	-13.00	-26.22	-51.12	-40.16	1.17	4.26
2824		-53.90	-13.00	-40.90	-68.85	-56.02	1.39	5.66	H
3528		-47.42	-13.00	-34.42	-63.73	-51.69	1.61	8.03	H
									H
									H
									H
									H
2120		-35.21	-13.00	-22.21	-47.10	-36.15	1.17	4.26	V
2824		-53.83	-13.00	-40.83	-68.48	-55.95	1.39	5.66	V
3528		-53.45	-13.00	-40.45	-70.00	-57.72	1.61	8.03	V
									V
Highest		1424	-59.57	-13.00	-46.57	-67.98	-61.37	0.88	4.83
	2136	-39.25	-13.00	-26.25	-51.22	-40.23	1.18	4.31	H
	2856	-47.90	-13.00	-34.90	-64.89	-50.03	1.40	5.68	H
	3568	-46.53	-13.00	-33.53	-62.83	-50.84	1.63	8.08	H
									H
									H
									H
	1424	-59.65	-13.00	-46.65	-67.96	-61.45	0.88	4.83	V
	2136	-34.97	-13.00	-21.97	-46.93	-35.95	1.18	4.31	V
	2856	-51.75	-13.00	-38.75	-66.36	-53.88	1.40	5.68	V
	3568	-51.24	-13.00	-38.24	-67.90	-55.55	1.63	8.08	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)	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	2096	-48.22	-13.00	-35.22	-59.95	-49.09	1.16	4.19	H
	2800	-53.44	-13.00	-40.44	-68.35	-55.55	1.38	5.64	H
	3496	-51.41	-13.00	-38.41	-67.42	-55.64	1.60	7.98	H
									H
									H
									H
									H
	2096	-48.77	-13.00	-35.77	-60.43	-49.64	1.16	4.19	V
	2800	-53.07	-13.00	-40.07	-67.63	-55.18	1.38	5.64	V
	3496	-53.78	-13.00	-40.78	-70.22	-58.01	1.60	7.98	V
									V
	Middle	2120	-39.07	-13.00	-26.07	-50.90	-40.01	1.17	4.26
2824		-54.11	-13.00	-41.11	-68.99	-56.23	1.39	5.66	H
3528		-49.76	-13.00	-36.76	-66.07	-54.03	1.61	8.03	H
									H
									H
									H
									H
2120		-36.67	-13.00	-23.67	-48.55	-37.61	1.17	4.26	V
2824		-53.76	-13.00	-40.76	-68.36	-55.88	1.39	5.66	V
3528		-52.95	-13.00	-39.95	-69.47	-57.22	1.61	8.03	V
									V
Highest		1424	-59.22	-13.00	-46.22	-67.63	-61.02	0.88	4.83
	2136	-41.30	-13.00	-28.30	-53.27	-42.28	1.18	4.31	H
	2848	-49.96	-13.00	-36.96	-64.97	-52.09	1.40	5.68	H
	3560	-48.11	-13.00	-35.11	-64.53	-52.41	1.62	8.07	H
									H
									H
									H
	1424	-59.48	-13.00	-46.48	-67.82	-61.28	0.88	4.83	V
	2136	-37.51	-13.00	-24.51	-49.47	-38.49	1.18	4.31	V
	2848	-50.89	-13.00	-37.89	-65.58	-53.02	1.40	5.68	V
	3560	-50.02	-13.00	-37.02	-66.65	-54.32	1.62	8.07	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)	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	2096	-49.72	-13.00	-36.72	-61.61	-50.59	1.16	4.19	H
	2792	-53.38	-13.00	-40.38	-68.31	-55.48	1.38	5.63	H
	3496	-53.15	-13.00	-40.15	-69.32	-57.38	1.60	7.98	H
									H
									H
									H
									H
	2096	-51.38	-13.00	-38.38	-63.09	-52.25	1.16	4.19	V
	2792	-54.85	-13.00	-41.85	-69.41	-56.95	1.38	5.63	V
	3496	-52.58	-13.00	-39.58	-69.03	-56.81	1.60	7.98	V
									V
	Middle	1408	-58.40	-13.00	-45.40	-66.63	-60.11	0.87	4.73
2112		-41.50	-13.00	-28.50	-53.22	-42.42	1.17	4.24	H
2816		-50.55	-13.00	-37.55	-65.51	-52.66	1.39	5.65	H
3512		-44.99	-13.00	-31.99	-61.18	-49.25	1.61	8.01	H
									H
									H
									H
1408		-53.80	-13.00	-40.80	-61.82	-55.51	0.87	4.73	V
2112		-41.90	-13.00	-28.90	-53.75	-42.82	1.17	4.24	V
2816		-49.92	-13.00	-36.92	-64.49	-52.03	1.39	5.65	V
3512		-49.48	-13.00	-36.48	-65.94	-53.74	1.61	8.01	V
									V
Highest	2120	-39.23	-13.00	-26.23	-51.07	-40.17	1.17	4.26	H
	2824	-52.52	-13.00	-39.52	-67.48	-54.64	1.39	5.66	H
	3536	-47.44	-13.00	-34.44	-63.86	-51.72	1.62	8.04	H
									H
									H
									H
									H
	2120	-37.39	-13.00	-24.39	-49.22	-38.33	1.17	4.26	V
	2824	-52.54	-13.00	-39.54	-67.14	-54.66	1.39	5.66	V
	3536	-51.49	-13.00	-38.49	-67.96	-55.77	1.62	8.04	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	2112	-45.29	-13	-32.29	-57.11	-46.21	1.17	4.24	H
	2816	-52.69	-13	-39.69	-67.63	-54.80	1.39	5.65	H
	3520	-45.90	-13	-32.90	-62.17	-50.16	1.61	8.02	H
									H
									H
									H
									H
	2112	-37.69	-13	-24.69	-49.50	-38.61	1.17	4.24	V
	2816	-51.92	-13	-38.92	-66.56	-54.03	1.39	5.65	V
	3520	-51.74	-13	-38.74	-68.25	-56.00	1.61	8.02	V
									V
									V
									V
									V
								V	
Middle	2120	-44.93	-13	-31.93	-56.83	-45.87	1.17	4.26	H
	2830	-53.13	-13	-40.13	-68.14	-55.25	1.39	5.66	H
	3536	-47.22	-13	-34.22	-63.53	-51.50	1.62	8.04	H
									H
									H
									H
									H
	2120	-37.76	-13	-24.76	-49.65	-38.70	1.17	4.26	V
	2830	-52.96	-13	-39.96	-67.65	-55.08	1.39	5.66	V
	3536	-51.08	-13	-38.08	-67.63	-55.36	1.62	8.04	V
									V
									V
									V
									V
								V	
Highest	2136	-46.93	-13	-33.93	-58.92	-47.91	1.18	4.31	H
	2848	-49.69	-13	-36.69	-64.75	-51.82	1.40	5.68	H
	3560	-47.80	-13	-34.80	-64.21	-52.10	1.62	8.07	H
									H
									H
									H
									H
	2136	-41.67	-13	-28.67	-53.65	-42.65	1.18	4.31	V
	2848	-48.87	-13	-35.87	-63.59	-51.00	1.40	5.68	V
	3560	-50.18	-13	-37.18	-66.81	-54.48	1.62	8.07	V
									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	2112	-47.38	-13	-34.38	-59.20	-48.30	1.17	4.24	H
	2816	-52.91	-13	-39.91	-67.85	-55.02	1.39	5.65	H
	3520	-48.06	-13	-35.06	-64.33	-52.32	1.61	8.02	H
									H
									H
									H
									H
	2112	-37.38	-13	-24.38	-49.19	-38.30	1.17	4.24	V
	2816	-50.73	-13	-37.73	-65.37	-52.84	1.39	5.65	V
	3520	-50.57	-13	-37.57	-67.08	-54.83	1.61	8.02	V
									V
	Middle	1410	-57.52	-13	-44.52	-65.71	-59.24	0.87	4.74
2120		-39.06	-13	-26.06	-50.96	-40.00	1.17	4.26	H
3528		-46.71	-13	-33.71	-63.02	-50.98	1.61	8.03	H
									H
									H
									H
									H
1410		-58.53	-13	-45.53	-66.66	-60.25	0.87	4.74	V
2120		-39.80	-13	-26.80	-51.69	-40.74	1.17	4.26	V
2824		-52.18	-13	-39.18	-66.83	-54.30	1.39	5.66	V
									V
Highest		2120	-41.55	-13	-28.55	-53.45	-42.49	1.17	4.26
	2824	-51.79	-13	-38.79	-66.74	-53.91	1.39	5.66	H
	3536	-49.33	-13	-36.33	-65.64	-53.61	1.62	8.04	H
									H
									H
									H
									H
	2120	-38.85	-13	-25.85	-50.74	-39.79	1.17	4.26	V
	2824	-52.06	-13	-39.06	-66.71	-54.18	1.39	5.66	V
	3536	-52.46	-13	-39.46	-69.01	-56.74	1.62	8.04	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	5142	-48.44	-25	-23.44	-69.95	-55.72	2.42	9.70	H
	7710	-42.03	-25	-17.03	-69.55	-51.59	2.36	11.93	H
	10278	-40.82	-25	-15.82	-72.91	-50.44	2.69	12.31	H
									H
									H
									H
	5142	-48.87	-25	-23.87	-70.51	-56.15	2.42	9.70	V
	7710	-43.32	-25	-18.32	-70.74	-52.88	2.36	11.93	V
	10278	-42.73	-25	-17.73	-74.02	-52.35	2.69	12.31	V
									V
									V
									V
Middle	5184	-49.69	-25	-24.69	-71.32	-56.95	2.44	9.70	H
	7776	-42.64	-25	-17.64	-70.2	-52.27	2.34	11.97	H
	10368	-41.99	-25	-16.99	-74.09	-51.64	2.69	12.35	H
									H
									H
									H
	5184	-49.05	-25	-24.05	-70.76	-56.31	2.44	9.70	V
	7776	-43.76	-25	-18.76	-71.36	-53.39	2.34	11.97	V
	10368	-43.11	-25	-18.11	-74.41	-52.76	2.69	12.35	V
									V
									V
									V
Highest	5232	-48.60	-25	-23.60	-70.38	-55.83	2.47	9.70	H
	7848	-42.40	-25	-17.40	-70.03	-52.09	2.32	12.01	H
	10458	-41.02	-25	-16.02	-73.21	-50.71	2.69	12.38	H
									H
									H
									H
	5232	-48.90	-25	-23.90	-70.72	-56.13	2.47	9.70	V
	7848	-43.39	-25	-18.39	-71.04	-53.08	2.32	12.01	V
	10458	-42.62	-25	-17.62	-73.98	-52.31	2.69	12.38	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	5142	-49.44	-25	-24.44	-70.95	-56.72	2.42	9.70	H
	7710	-42.90	-25	-17.90	-70.31	-52.46	2.36	11.93	H
	10278	-42.22	-25	-17.22	-74.13	-51.84	2.69	12.31	H
									H
									H
									H
									H
	5142	-48.43	-25	-23.43	-69.89	-55.71	2.42	9.70	V
	7710	-42.60	-25	-17.60	-70.21	-52.16	2.36	11.93	V
	10278	-42.50	-25	-17.50	-73.68	-52.12	2.69	12.31	V
									V
	Middle	5184	-49.84	-25	-24.84	-71.47	-57.1	2.44	9.70
7770		-43.48	-25	-18.48	-71.02	-53.1	2.34	11.96	H
10368		-42.06	-25	-17.06	-74.16	-51.71	2.69	12.35	H
									H
									H
									H
									H
5184		-49.80	-25	-24.80	-71.51	-57.06	2.44	9.70	V
7770		-43.09	-25	-18.09	-70.67	-52.71	2.34	11.96	V
10368		-42.49	-25	-17.49	-73.79	-52.14	2.69	12.35	V
									V
Highest		5220	-49.25	-25	-24.25	-70.85	-56.49	2.46	9.70
	7830	-42.64	-25	-17.64	-70.27	-52.32	2.32	12.00	H
	10440	-41.34	-25	-16.34	-73.5	-51.02	2.69	12.38	H
									H
									H
									H
									H
	5220	-49.52	-25	-24.52	-71.36	-56.76	2.46	9.70	V
	7830	-43.32	-25	-18.32	-70.93	-53	2.32	12.00	V
	10440	-41.88	-25	-16.88	-73.31	-51.56	2.69	12.38	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	5142	-48.76	-25	-23.76	-70.29	-56.04	2.42	9.70	H
	7710	-43.58	-25	-18.58	-71.08	-53.14	2.36	11.93	H
	10278	-41.19	-25	-16.19	-72.99	-50.81	2.69	12.31	H
									H
									H
									H
									H
	5142	-48.87	-25	-23.87	-70.5	-56.15	2.42	9.70	V
	7710	-43.11	-25	-18.11	-70.66	-52.67	2.36	11.93	V
	10278	-42.06	-25	-17.06	-73.27	-51.68	2.69	12.31	V
									V
	Middle	5172	-49.36	-25	-24.36	-70.84	-56.62	2.44	9.70
7764		-44.20	-25	-19.20	-71.54	-53.81	2.34	11.96	H
10350		-41.87	-25	-16.87	-73.93	-51.52	2.69	12.34	H
									H
									H
									H
									H
5172		-49.23	-25	-24.23	-70.96	-56.49	2.44	9.70	V
7764		-42.61	-25	-17.61	-70.26	-52.22	2.34	11.96	V
10350		-42.70	-25	-17.70	-74.02	-52.35	2.69	12.34	V
									V
Highest		5208	-48.88	-25	-23.88	-70.54	-56.12	2.46	9.70
	7812	-43.23	-25	-18.23	-70.87	-52.89	2.33	11.99	H
	10422	-41.68	-25	-16.68	-73.82	-51.36	2.69	12.37	H
									H
									H
									H
									H
	5208	-49.04	-25	-24.04	-70.93	-56.28	2.46	9.70	V
	7812	-43.35	-25	-18.35	-70.97	-53.01	2.33	11.99	V
	10422	-42.40	-25	-17.40	-73.73	-52.08	2.69	12.37	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	5142	-49.30	-25	-24.30	-70.83	-56.58	2.42	9.70	H
	7716	-42.65	-25	-17.65	-70.14	-52.22	2.36	11.93	H
	10278	-41.79	-25	-16.79	-73.78	-51.41	2.69	12.31	H
									H
									H
									H
									H
	5142	-48.43	-25	-23.43	-70.06	-55.71	2.42	9.70	V
	7716	-42.40	-25	-17.40	-69.94	-51.97	2.36	11.93	V
	10278	-42.23	-25	-17.23	-73.46	-51.85	2.69	12.31	V
									V
	Middle	5172	-49.68	-25	-24.68	-71.28	-56.94	2.44	9.70
7752		-44.03	-25	-19.03	-71.66	-53.63	2.35	11.95	H
10332		-41.37	-25	-16.37	-73.42	-51.01	2.69	12.33	H
									H
									H
									H
									H
5172		-49.37	-25	-24.37	-71.04	-56.63	2.44	9.70	V
7752		-43.45	-25	-18.45	-70.97	-53.05	2.35	11.95	V
10332		-42.14	-25	-17.14	-73.45	-51.78	2.69	12.33	V
									V
Highest		5202	-49.61	-25	-24.61	-71.36	-56.86	2.45	9.70
	7800	-42.46	-25	-17.46	-70.11	-52.11	2.33	11.98	H
	10404	-40.94	-25	-15.94	-73.03	-50.61	2.69	12.36	H
									H
									H
									H
									H
	5202	-49.04	-25	-24.04	-70.75	-56.29	2.45	9.70	V
	7800	-43.38	-25	-18.38	-70.96	-53.03	2.33	11.98	V
	10404	-42.88	-25	-17.88	-74.2	-52.55	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 41

LTE Band 41 / 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	4992	-50.16	-25	-25.16	-71.23	-57.51	2.33	9.68	H	
	7488	-42.44	-25	-17.44	-69.7	-51.78	2.43	11.78	H	
	9990	-42.35	-25	-17.35	-73.99	-51.86	2.69	12.21	H	
										H
										H
										H
										H
	4992	-48.26	-25	-23.26	-69.57	-55.61	2.33	9.68	V	
	7488	-43.69	-25	-18.69	-71.07	-53.03	2.43	11.78	V	
	9990	-42.79	-25	-17.79	-73.81	-52.3	2.69	12.21	V	
										V
	Middle	5184	-48.78	-25	-23.78	-70.42	-56.04	2.44	9.70	H
7770		-42.76	-25	-17.76	-70.22	-52.38	2.34	11.96	H	
10368		-41.85	-25	-16.85	-73.92	-51.5	2.69	12.35	H	
										H
										H
										H
										H
5184		-49.13	-25	-24.13	-70.97	-56.39	2.44	9.70	V	
7770		-43.51	-25	-18.51	-71.09	-53.13	2.34	11.96	V	
10368		-42.39	-25	-17.39	-73.57	-52.04	2.69	12.35	V	
										V
Highest		5370	-49.23	-25	-24.23	-71.49	-56.38	2.55	9.70	H
	8052	-43.16	-25	-18.16	-71.04	-53.02	2.28	12.14	H	
	10746	-40.35	-25	-15.35	-72.45	-50.11	2.69	12.45	H	
										H
										H
										H
	5370	-50.46	-25	-25.46	-72.44	-57.61	2.55	9.70	V	
	8052	-42.81	-25	-17.81	-70.54	-52.67	2.28	12.14	V	
	10746	-41.79	-25	-16.79	-73.38	-51.55	2.69	12.45	V	
										V
										V

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



LTE Band 41 / 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	4992	-48.90	-25	-23.90	-70.91	-56.25	2.33	9.68	H
	7488	-44.76	-25	-19.76	-72.02	-54.1	2.43	11.78	H
	9990	-42.75	-25	-17.75	-74.43	-52.26	2.69	12.21	H
									H
									H
									H
									H
	4992	-50.14	-25	-25.14	-71.34	-57.49	2.33	9.68	V
	7488	-43.86	-25	-18.86	-71.27	-53.2	2.43	11.78	V
	9990	-42.60	-25	-17.60	-73.65	-52.11	2.69	12.21	V
									V
	Middle	5178	-49.20	-25	-24.20	-70.83	-56.46	2.44	9.70
7764		-42.29	-25	-17.29	-69.83	-51.9	2.34	11.96	H
10350		-41.79	-25	-16.79	-73.86	-51.44	2.69	12.34	H
									H
									H
									H
									H
5178		-48.08	-25	-23.08	-69.79	-55.34	2.44	9.70	V
7764		-43.61	-25	-18.61	-71.19	-53.22	2.34	11.96	V
10350		-42.70	-25	-17.70	-73.98	-52.35	2.69	12.34	V
									V
Highest		5358	-49.61	-25	-24.61	-71.68	-56.77	2.54	9.70
	8040	-43.28	-25	-18.28	-71.13	-53.14	2.28	12.13	H
	10728	-41.05	-25	-16.05	-73.1	-50.81	2.69	12.45	H
									H
									H
									H
									H
	5358	-48.89	-25	-23.89	-71.02	-56.05	2.54	9.70	V
	8040	-41.82	-25	-16.82	-69.64	-51.68	2.28	12.13	V
	10728	-42.12	-25	-17.12	-73.75	-51.88	2.69	12.45	V
									V
									V
								V	

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



LTE Band 41 / 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	4992	-49.25	-25	-24.25	-70.32	-56.6	2.33	9.68	H
	7488	-43.60	-25	-18.60	-70.86	-52.94	2.43	11.78	H
	9990	-42.28	-25	-17.28	-73.92	-51.79	2.69	12.21	H
									H
									H
									H
									H
	4992	-50.17	-25	-25.17	-71.48	-57.52	2.33	9.68	V
	7488	-43.88	-25	-18.88	-71.26	-53.22	2.43	11.78	V
	9990	-42.72	-25	-17.72	-73.74	-52.23	2.69	12.21	V
									V
	Middle	5172	-49.62	-25	-24.62	-71.24	-56.88	2.44	9.70
7758		-43.41	-25	-18.41	-70.97	-53.02	2.35	11.95	H
10350		-40.84	-25	-15.84	-72.89	-50.49	2.69	12.34	H
									H
									H
									H
									H
5172		-49.12	-25	-24.12	-70.8	-56.38	2.44	9.70	V
7758		-43.03	-25	-18.03	-70.74	-52.64	2.35	11.95	V
10350		-42.12	-25	-17.12	-73.33	-51.77	2.69	12.34	V
									V
Highest		5352	-49.21	-25	-24.21	-71.29	-56.37	2.54	9.70
	8028	-42.68	-25	-17.68	-70.48	-52.53	2.27	12.12	H
	10692	-40.75	-25	-15.75	-72.9	-50.5	2.69	12.44	H
									H
									H
									H
									H
	5352	-48.84	-25	-23.84	-70.91	-56	2.54	9.70	V
	8028	-43.76	-25	-18.76	-71.54	-53.61	2.27	12.12	V
	10692	-41.93	-25	-16.93	-73.53	-51.68	2.69	12.44	V
									V
									V
								V	

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



LTE Band 41 / 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	4992	-50.72	-25	-25.72	-71.8	-58.07	2.33	9.68	H
	7488	-43.68	-25	-18.68	-70.94	-53.02	2.43	11.78	H
	9990	-41.96	-25	-16.96	-73.6	-51.47	2.69	12.21	H
									H
									H
									H
									H
	4992	-49.92	-25	-24.92	-71.23	-57.27	2.33	9.68	V
	7488	-42.50	-25	-17.50	-69.88	-51.84	2.43	11.78	V
	9990	-43.11	-25	-18.11	-74.13	-52.62	2.69	12.21	V
									V
	Middle	5166	-48.51	-25	-23.51	-70.11	-55.78	2.43	9.70
7752		-42.47	-25	-17.47	-69.99	-52.07	2.35	11.95	H
10332		-41.98	-25	-16.98	-74.01	-51.62	2.69	12.33	H
									H
									H
									H
									H
5166		-47.34	-25	-22.34	-69.02	-54.61	2.43	9.70	V
7752		-43.09	-25	-18.09	-70.66	-52.69	2.35	11.95	V
10332		-42.82	-25	-17.82	-74.17	-52.46	2.69	12.33	V
									V
Highest		5340	-49.64	-25	-24.64	-71.67	-56.81	2.53	9.70
	8010	-42.32	-25	-17.32	-70.19	-52.16	2.27	12.11	H
	10674	-41.52	-25	-16.52	-73.64	-51.26	2.69	12.43	H
									H
									H
									H
									H
	5340	-49.51	-25	-24.51	-71.57	-56.68	2.53	9.70	V
	8010	-42.83	-25	-17.83	-70.72	-52.67	2.27	12.11	V
	10674	-42.40	-25	-17.40	-74.07	-52.14	2.69	12.43	V
									V
									V
								V	

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