

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	5.84	0.0038	18.11	0.0648
Middle		1	0	6.90	0.0049	18.75	0.0750
Highest		1	0	7.19	0.0052	18.97	0.0790
Lowest	16QAM	1	0	3.96	0.0025	16.90	0.0489
Middle		1	0	5.06	0.0032	17.68	0.0586
Highest		1	0	5.28	0.0034	17.83	0.0607
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	6.08	0.0041	18.08	0.0642
Middle		1	0	7.01	0.0050	18.78	0.0755
Highest		1	0	7.35	0.0054	18.96	0.0787
Lowest	16QAM	1	0	4.03	0.0025	16.97	0.0498
Middle		1	0	5.15	0.0033	17.83	0.0607
Highest		1	0	5.25	0.0033	17.78	0.0600
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	5.98	0.0040	18.03	0.0635
Middle		1	0	6.84	0.0048	18.66	0.0735
Highest		1	0	7.16	0.0052	18.94	0.0783
Lowest	16QAM	1	0	4.95	0.0031	16.99	0.0500
Middle		1	0	5.90	0.0039	17.70	0.0589
Highest		1	0	6.20	0.0042	17.98	0.0628
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	5.98	0.0040	17.97	0.0626
Middle		1	0	6.59	0.0046	18.47	0.0703
Highest		1	0	7.03	0.0050	18.81	0.0761
Lowest	16QAM	1	0	4.96	0.0031	16.99	0.0500
Middle		1	0	5.66	0.0037	17.55	0.0569
Highest		1	0	6.11	0.0041	17.89	0.0616
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.80	0.0758	21.22	0.1324
Middle		1	0	18.72	0.0745	20.89	0.1227
Highest		1	0	18.81	0.0761	20.37	0.1089
Lowest	16QAM	1	0	17.94	0.0622	20.08	0.1018
Middle		1	0	17.99	0.0630	20.02	0.1004
Highest		1	0	17.58	0.0573	18.94	0.0784
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.81	0.0760	21.28	0.1342
Middle		1	0	18.76	0.0751	20.85	0.1216
Highest		1	0	18.76	0.0751	20.41	0.1098
Lowest	16QAM	1	0	18.01	0.0632	20.18	0.1042
Middle		1	0	17.94	0.0622	20.00	0.1000
Highest		1	0	17.74	0.0595	19.44	0.0880
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.95	0.0785	21.34	0.1361
Middle		1	0	18.71	0.0743	20.85	0.1216
Highest		1	0	18.71	0.0744	20.38	0.1092
Lowest	16QAM	1	0	18.02	0.0634	20.15	0.1035
Middle		1	0	17.76	0.0597	19.89	0.0976
Highest		1	0	17.82	0.0606	19.43	0.0878
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.94	0.0784	21.22	0.1325
Middle		1	0	17.84	0.0608	19.98	0.0996
Highest		1	0	18.06	0.0639	19.74	0.0941
Lowest	16QAM	1	0	17.83	0.0606	19.94	0.0986
Middle		1	0	17.14	0.0518	19.18	0.0827
Highest		1	0	17.75	0.0595	19.29	0.0849
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.93	0.0984	20.97	0.1251
Middle		1	0	19.80	0.0955	20.19	0.1045
Highest		1	0	18.56	0.0718	19.79	0.0953
Lowest	16QAM	1	0	19.26	0.0843	20.26	0.1062
Middle		1	0	19.16	0.0824	19.56	0.0903
Highest		1	0	18.00	0.0631	19.00	0.0795
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.99	0.0998	20.88	0.1225
Middle		1	0	19.86	0.0968	20.20	0.1048
Highest		1	0	18.58	0.0721	19.86	0.0969
Lowest	16QAM	1	0	19.34	0.0858	20.18	0.1041
Middle		1	0	19.25	0.0841	19.58	0.0907
Highest		1	0	18.18	0.0658	19.47	0.0885
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.05	0.1011	20.93	0.1240
Middle		1	0	20.05	0.1011	20.93	0.1240
Highest		1	0	18.68	0.0738	20.10	0.1022
Lowest	16QAM	1	0	19.31	0.0853	20.18	0.1041
Middle		1	0	19.34	0.0860	19.58	0.0909
Highest		1	0	18.23	0.0665	19.05	0.0804
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.12	0.1029	21.07	0.1280
Middle		1	0	20.13	0.1030	20.26	0.1061
Highest		1	0	19.09	0.0810	19.81	0.0957
Lowest	16QAM	1	99	19.40	0.0871	20.00	0.1000
Middle		1	99	19.07	0.0807	19.43	0.0878
Highest		1	99	18.28	0.0673	19.12	0.0817
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission****LTE Band 5**

LTE Band 5 / 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	1648	-63.89	-13	-50.89	-73.56	-65.65	0.98	4.89	H
	2472	-60.31	-13	-47.31	-73.42	-62.19	1.28	5.32	H
	3296	-58.86	-13	-45.86	-75.48	-62.27	1.54	7.10	H
	1648	-65.51	-13	-52.51	-73.21	-67.27	0.98	4.89	V
	2472	-58.27	-13	-45.27	-73.57	-60.15	1.28	5.32	V
	3296	-59.90	-13	-46.90	-75.42	-63.31	1.54	7.10	V
Middle	1671.6	-63.93	-13	-50.93	-73.32	-65.61	0.99	4.82	H
	2512	-57.84	-13	-44.84	-71.2	-59.81	1.29	5.41	H
	3343.2	-59.24	-13	-46.24	-75.54	-62.84	1.56	7.31	H
	1671.6	-65.94	-13	-52.94	-73.19	-67.62	0.99	4.82	V
	2512	-56.18	-13	-43.18	-71.61	-58.15	1.29	5.41	V
	3343.2	-60.07	-13	-47.07	-75.37	-63.67	1.56	7.31	V
Highest	1696	-62.07	-13	-49.07	-71.6	-63.67	1.00	4.75	H
	2542.8	-60.75	-13	-47.75	-74.55	-62.73	1.30	5.43	H
	3390.4	-58.61	-13	-45.61	-75.12	-62.41	1.57	7.52	H
	1696	-62.65	-13	-49.65	-70.45	-64.25	1.00	4.75	V
	2544	-57.04	-13	-44.04	-72.48	-59.02	1.30	5.44	V
	3390.4	-59.68	-13	-46.68	-75.58	-63.48	1.57	7.52	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	-63.59	-13	-50.59	-73.27	-65.35	0.98	4.89	H
	2472	-60.60	-13	-47.60	-73.72	-62.48	1.28	5.32	H
	3296	-58.81	-13	-45.81	-75.43	-62.22	1.54	7.10	H
	1648	-65.54	-13	-52.54	-73.23	-67.3	0.98	4.89	V
	2472	-58.75	-13	-45.75	-74.06	-60.63	1.28	5.32	V
	3296	-59.78	-13	-46.78	-75.31	-63.19	1.54	7.10	V
Middle	1670	-63.98	-13	-50.98	-73.53	-65.67	0.99	4.82	H
	2504	-58.49	-13	-45.49	-71.63	-60.45	1.29	5.40	H
	3340	-58.82	-13	-45.82	-75.11	-62.41	1.55	7.30	H
	1670	-66.25	-13	-53.25	-73.72	-67.94	0.99	4.82	V
	2504	-57.03	-13	-44.03	-72.44	-58.99	1.29	5.40	V
	3340	-59.66	-13	-46.66	-74.96	-63.25	1.55	7.30	V
Highest	1696	-61.74	-13	-48.74	-71.28	-63.34	1.00	4.75	H
	2536	-58.22	-13	-45.22	-71.81	-60.2	1.30	5.43	H
	3384	-58.81	-13	-45.81	-75.25	-62.58	1.57	7.49	H
	1696	-61.79	-13	-48.79	-69.61	-63.39	1.00	4.75	V
	2536	-55.22	-13	-42.22	-70.67	-57.2	1.30	5.43	V
	3384	-59.55	-13	-46.55	-75.26	-63.32	1.57	7.49	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	-64.08	-13	-51.08	-73.64	-65.84	0.98	4.89	H
	2472	-60.24	-13	-47.24	-73.35	-62.12	1.28	5.32	H
	3296	-59.18	-13	-46.18	-75.6	-62.59	1.54	7.10	H
	1648	-66.02	-13	-53.02	-73.66	-67.78	0.98	4.89	V
	2472	-59.26	-13	-46.26	-74.62	-61.14	1.28	5.32	V
	3296	-60.42	-13	-47.42	-75.86	-63.83	1.54	7.10	V
Middle	1672	-64.34	-13	-51.34	-73.74	-66.02	0.99	4.82	H
	2504	-56.81	-13	-43.81	-69.82	-58.77	1.29	5.40	H
	3336	-59.21	-13	-46.21	-75.61	-62.79	1.55	7.28	H
	1672	-66.40	-13	-53.40	-73.59	-68.08	0.99	4.82	V
	2504	-56.84	-13	-43.84	-72.35	-58.8	1.29	5.40	V
	3336	-60.42	-13	-47.42	-75.73	-64	1.55	7.28	V
Highest	1688	-63.33	-13	-50.33	-72.62	-64.96	1.00	4.77	H
	2536	-53.76	-13	-40.76	-67.26	-55.74	1.30	5.43	H
	3376	-59.04	-13	-46.04	-75.41	-62.78	1.57	7.45	H
	1688	-61.93	-13	-48.93	-69.14	-63.56	1.00	4.77	V
	2536	-54.18	-13	-41.18	-69.54	-56.16	1.30	5.43	V
	3376	-60.15	-13	-47.15	-75.78	-63.89	1.57	7.45	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	-63.77	-13	-50.77	-73.45	-65.53	0.98	4.89	H
	2472	-61.12	-13	-48.12	-74.22	-63	1.28	5.32	H
	3296	-58.98	-13	-45.98	-75.58	-62.39	1.54	7.10	H
	1648	-65.39	-13	-52.39	-73.07	-67.15	0.98	4.89	V
	2472	-58.97	-13	-45.97	-74.25	-60.85	1.28	5.32	V
	3296	-60.00	-13	-47.00	-75.52	-63.41	1.54	7.10	V
Middle	1664	-63.73	-13	-50.73	-73.28	-65.44	0.98	4.84	H
	2496	-58.87	-13	-45.87	-72.01	-60.82	1.29	5.39	H
	3326	-58.61	-13	-45.61	-75.02	-62.14	1.55	7.23	H
	1663	-65.69	-13	-52.69	-73.15	-67.4	0.98	4.84	V
	2496	-56.27	-13	-43.27	-71.68	-58.22	1.29	5.39	V
	3328	-59.90	-13	-46.90	-75.26	-63.44	1.55	7.24	V
Highest	1680	-63.95	-13	-50.95	-73.37	-65.6	0.99	4.80	H
	2520	-61.58	-13	-48.58	-74.93	-63.55	1.30	5.42	H
	3360	-58.71	-13	-45.71	-75.08	-62.38	1.56	7.38	H
	1680	-65.78	-13	-52.78	-73.03	-67.43	0.99	4.80	V
	2520	-59.03	-13	-46.03	-74.45	-61	1.30	5.42	V
	3360	-59.72	-13	-46.72	-75.22	-63.39	1.56	7.38	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	5004	-36.28	-25	-11.28	-59.13	-43.64	2.34	9.70	H
	7500	-34.74	-25	-9.74	-63.55	-44.11	2.43	11.80	H
	10008	-31.90	-25	-6.90	-63.56	-41.41	2.70	12.20	H
	12504	-30.25	-25	-5.25	-66.31	-39.85	2.81	12.40	H
	15000	-39.38	-25	-14.38	-76.37	-49.38	3.60	13.60	H
	5004	-39.76	-25	-14.76	-61.17	-47.12	2.34	9.70	V
	7500	-41.09	-25	-16.09	-69.44	-50.46	2.43	11.80	V
	10008	-36.00	-25	-11.00	-65.81	-45.51	2.70	12.20	V
	12504	-34.41	-25	-9.41	-69.77	-44.01	2.81	12.40	V
	15000	-35.84	-25	-10.84	-75.11	-45.84	3.60	13.60	V
Middle	5064	-35.53	-25	-10.53	-58.37	-42.86	2.37	9.70	H
	7596	-37.59	-25	-12.59	-65.97	-47.05	2.40	11.86	H
	10128	-32.99	-25	-7.99	-64.6	-42.55	2.70	12.25	H
	12660	-29.71	-25	-4.71	-66.53	-39.46	2.84	12.59	H
	15195	-37.23	-25	-12.23	-74.65	-47.42	3.68	13.87	H
	5064	-39.16	-25	-14.16	-60.81	-46.49	2.37	9.70	V
	7596	-41.31	-25	-16.31	-69.23	-50.77	2.40	11.86	V
	10128	-35.46	-25	-10.46	-65.59	-45.02	2.70	12.25	V
	12660	-31.86	-25	-6.86	-67.48	-41.61	2.84	12.59	V
	15195	-33.29	-25	-8.29	-72.98	-43.48	3.68	13.87	V



Highest	5136	-37.15	-25	-12.15	-59.95	-44.43	2.42	9.70	H
	7692	-35.32	-25	-10.32	-63.75	-44.87	2.37	11.92	H
	10260	-32.82	-25	-7.82	-64.61	-42.43	2.69	12.30	H
	12828	-28.12	-25	-3.12	-66.94	-38.03	2.89	12.79	H
	15391	-36.22	-25	-11.22	-74.19	-46.61	3.76	14.15	H
	5136	-38.27	-25	-13.27	-60.19	-45.55	2.42	9.70	V
	7692	-37.31	-25	-12.31	-65.15	-46.86	2.37	11.92	V
	10260	-33.78	-25	-8.78	-64.32	-43.39	2.69	12.30	V
	12828	-29.98	-25	-4.98	-65.82	-39.89	2.89	12.79	V
	15391	-33.09	-25	-8.09	-74.23	-43.48	3.76	14.15	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	-36.38	-25	-11.38	-59.2	-43.74	2.34	9.70	H
	7500	-35.63	-25	-10.63	-64.39	-45	2.43	11.80	H
	10008	-34.92	-25	-9.92	-66.45	-44.43	2.70	12.20	H
	12504	-30.79	-25	-5.79	-66.89	-40.39	2.81	12.40	H
	15000	-38.46	-25	-13.46	-75.45	-48.46	3.60	13.60	H
	5004	-43.86	-25	-18.86	-65.33	-51.22	2.34	9.70	V
	7500	-38.66	-25	-13.66	-67.08	-48.03	2.43	11.80	V
	10008	-36.77	-25	-11.77	-66.72	-46.28	2.70	12.20	V
	12504	-33.22	-25	-8.22	-68.51	-42.82	2.81	12.40	V
	15000	-36.09	-25	-11.09	-75.36	-46.09	3.60	13.60	V
Middle	5064	-34.06	-25	-9.06	-56.87	-41.39	2.37	9.70	H
	7596	-37.78	-25	-12.78	-66.12	-47.24	2.40	11.86	H
	10128	-37.76	-25	-12.76	-69.33	-47.32	2.70	12.25	H
	12648	-30.04	-25	-5.04	-66.85	-39.78	2.84	12.58	H
	15184	-37.37	-25	-12.37	-74.73	-47.55	3.67	13.86	H
	5064	-43.41	-25	-18.41	-65.05	-50.74	2.37	9.70	V
	7596	-40.64	-25	-15.64	-68.61	-50.1	2.40	11.86	V
	10128	-37.77	-25	-12.77	-67.95	-47.33	2.70	12.25	V
	12648	-35.41	-25	-10.41	-71.07	-45.15	2.84	12.58	V
	15184	-35.37	-25	-10.37	-74.98	-45.55	3.67	13.86	V
Highest	5124	-35.73	-25	-10.73	-58.51	-43.02	2.41	9.70	H
	7680	-38.35	-25	-13.35	-66.74	-47.89	2.37	11.91	H
	10248	-39.75	-25	-14.75	-71.38	-49.35	2.69	12.30	H
	12804	-31.83	-25	-6.83	-69.47	-41.71	2.88	12.76	H
	15368	-35.76	-25	-10.76	-73.45	-46.12	3.75	14.12	H
	5124	-41.86	-25	-16.86	-63.82	-49.15	2.41	9.70	V
	7680	-41.08	-25	-16.08	-68.94	-50.62	2.37	11.91	V
	10248	-40.40	-25	-15.40	-70.82	-50	2.69	12.30	V
	12804	-36.78	-25	-11.78	-72.67	-46.66	2.88	12.76	V
	15368	-35.05	-25	-10.05	-75.2	-45.41	3.75	14.12	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	-38.71	-25	-13.71	-60.56	-46.07	2.34	9.70	H
	7500	-37.96	-25	-12.96	-65.72	-47.33	2.43	11.80	H
	10008	-34.13	-25	-9.13	-64.72	-43.64	2.70	12.20	H
	12504	-30.38	-25	-5.38	-65.48	-39.98	2.81	12.40	H
	5004	-49.08	-25	-24.08	-69.48	-56.44	2.34	9.70	V
	7500	-38.97	-25	-13.97	-66.38	-48.34	2.43	11.80	V
	10008	-35.22	-25	-10.22	-64.14	-44.73	2.70	12.20	V
	12504	-34.65	-25	-9.65	-69.03	-44.25	2.81	12.40	V
Middle	5052	-35.61	-25	-10.61	-57.43	-42.94	2.37	9.70	H
	7584	-38.64	-25	-13.64	-66.09	-48.09	2.40	11.85	H
	10116	-36.75	-25	-11.75	-67.36	-46.3	2.70	12.25	H
	12648	-29.69	-25	-4.69	-65.52	-39.43	2.84	12.58	H
	15172	-38.38	-25	-13.38	-74.72	-48.55	3.67	13.84	H
	5052	-45.60	-25	-20.60	-66.15	-52.93	2.37	9.70	V
	7584	-41.08	-25	-16.08	-68.12	-50.53	2.40	11.85	V
	10116	-38.79	-25	-13.79	-67.95	-48.34	2.70	12.25	V
	12648	-35.23	-25	-10.23	-69.83	-44.97	2.84	12.58	V
	15172	-37.11	-25	-12.11	-75.78	-47.28	3.67	13.84	V
Highest	5112	-38.47	-25	-13.47	-60.25	-45.77	2.40	9.70	H
	7668	-40.85	-25	-15.85	-68.27	-50.38	2.38	11.90	H
	10224	-41.27	-25	-16.27	-71.9	-50.86	2.69	12.29	H
	12780	-33.04	-25	-8.04	-69.6	-42.9	2.87	12.74	H
	15333	-37.29	-25	-12.29	-73.95	-47.62	3.74	14.07	H
	5112	-47.78	-25	-22.78	-68.63	-55.08	2.40	9.70	V
	7668	-42.59	-25	-17.59	-69.51	-52.12	2.38	11.90	V
	10224	-42.25	-25	-17.25	-71.71	-51.84	2.69	12.29	V
	12780	-37.66	-25	-12.66	-72.47	-47.52	2.87	12.74	V
	15333	-36.14	-25	-11.14	-75.18	-46.47	3.74	14.07	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	-36.92	-25	-11.92	-58.77	-44.28	2.34	9.70	H
	7500	-37.16	-25	-12.16	-64.93	-46.53	2.43	11.80	H
	10008	-35.38	-25	-10.38	-65.97	-44.89	2.70	12.20	H
	12504	-29.57	-25	-4.57	-64.67	-39.17	2.81	12.40	H
	5004	-45.10	-25	-20.10	-65.5	-52.46	2.34	9.70	V
	7500	-39.36	-25	-14.36	-66.76	-48.73	2.43	11.80	V
	10008	-37.58	-25	-12.58	-66.5	-47.09	2.70	12.20	V
	12504	-33.32	-25	-8.32	-67.7	-42.92	2.81	12.40	V
Middle	5052	-36.58	-25	-11.58	-58.4	-43.91	2.37	9.70	H
	7584	-39.12	-25	-14.12	-66.57	-48.57	2.40	11.85	H
	10104	-38.10	-25	-13.10	-68.71	-47.65	2.70	12.24	H
	12636	-30.93	-25	-5.93	-66.67	-40.65	2.84	12.56	H
	15161	-38.30	-25	-13.30	-74.61	-48.46	3.66	13.83	H
	5052	-43.23	-25	-18.23	-63.78	-50.56	2.37	9.70	V
	7584	-40.17	-25	-15.17	-67.21	-49.62	2.40	11.85	V
	10104	-38.75	-25	-13.75	-67.92	-48.3	2.70	12.24	V
	12636	-35.34	-25	-10.34	-69.91	-45.06	2.84	12.56	V
	15161	-36.70	-25	-11.70	-75.33	-46.86	3.66	13.83	V
Highest	5100	-39.95	-25	-14.95	-61.74	-47.26	2.39	9.70	H
	7656	-42.44	-25	-17.44	-69.86	-51.95	2.38	11.89	H
	10200	-37.61	-25	-12.61	-68.23	-47.19	2.70	12.28	H
	12756	-31.19	-25	-6.19	-67.66	-41.03	2.87	12.71	H
	15310	-37.27	-25	-12.27	-73.89	-47.58	3.73	14.03	H
	5100	-45.72	-25	-20.72	-66.49	-53.03	2.39	9.70	V
	7656	-43.83	-25	-18.83	-70.76	-53.34	2.38	11.89	V
	10200	-38.45	-25	-13.45	-67.83	-48.03	2.70	12.28	V
	12756	-36.69	-25	-11.69	-71.48	-46.53	2.87	12.71	V
	15310	-35.98	-25	-10.98	-74.98	-46.29	3.73	14.03	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	5112	-38.29	-25	-13.29	-60.07	-45.59	2.40	9.70	H
	7668	-40.45	-25	-15.45	-67.87	-49.98	2.38	11.90	H
	10224	-38.30	-25	-13.30	-68.93	-47.89	2.69	12.29	H
	12780	-30.12	-25	-5.12	-66.68	-39.98	2.87	12.74	H
	15333	-37.37	-25	-12.37	-74.03	-47.7	3.74	14.07	H
	5112	-46.26	-25	-21.26	-67.05	-53.56	2.40	9.70	V
	7668	-41.92	-25	-16.92	-69.02	-51.45	2.38	11.90	V
	10224	-40.44	-25	-15.44	-69.98	-50.03	2.69	12.29	V
	12780	-35.19	-25	-10.19	-70.26	-45.05	2.87	12.74	V
	15333	-35.31	-25	-10.31	-74.69	-45.64	3.74	14.07	V
Middle	5208	-35.50	-25	-10.50	-57.19	-42.74	2.46	9.70	H
	7812	-42.35	-25	-17.35	-69.97	-52.01	2.33	11.99	H
	10416	-38.81	-25	-13.81	-69.47	-48.48	2.69	12.37	H
	13020	-33.35	-25	-8.35	-71.12	-43.44	2.94	13.03	H
	15621	-36.08	-25	-11.08	-72.89	-46.35	3.86	14.13	H
	5208	-46.27	-25	-21.27	-67.72	-53.51	2.46	9.70	V
	7812	-42.21	-25	-17.21	-69.03	-51.87	2.33	11.99	V
	10416	-40.33	-25	-15.33	-70.25	-50	2.69	12.37	V
	13020	-35.70	-25	-10.70	-70.96	-45.79	2.94	13.03	V
	15621	-35.34	-25	-10.34	-74.71	-45.61	3.86	14.13	V



Highest	5304	-31.98	-25	-6.98	-53.91	-39.17	2.51	9.70	H
	7956	-40.65	-25	-15.65	-69.29	-50.44	2.28	12.07	H
	10608	-39.63	-25	-14.63	-70.4	-49.36	2.69	12.42	H
	13248	-36.15	-25	-11.15	-74.25	-46.5	2.99	13.35	H
	15908	-38.09	-25	-13.09	-74.42	-47.84	3.98	13.73	H
	5304	-43.35	-25	-18.35	-65.27	-50.54	2.51	9.70	V
	7956	-42.40	-25	-17.40	-69.1	-52.19	2.28	12.07	V
	10608	-39.52	-25	-14.52	-69.71	-49.25	2.69	12.42	V
	13248	-37.46	-25	-12.46	-73.82	-47.81	2.99	13.35	V
	15908	-36.25	-25	-11.25	-75.46	-46	3.98	13.73	V

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



LTE Band 41 / 10MHz / 16QAM									
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	5112	-37.80	-25	-12.80	-60.58	-45.1	2.40	9.70	H
	7668	-40.82	-25	-15.82	-69.21	-50.35	2.38	11.90	H
	10224	-40.73	-25	-15.73	-72.35	-50.32	2.69	12.29	H
	12780	-33.19	-25	-8.19	-70.78	-43.05	2.87	12.74	H
	15333	-37.49	-25	-12.49	-75.24	-47.82	3.74	14.07	H
	5112	-37.31	-25	-12.31	-59.05	-44.61	2.40	9.70	V
	7668	-36.49	-25	-11.49	-64.34	-46.02	2.38	11.90	V
	10224	-41.82	-25	-16.82	-72.27	-51.41	2.69	12.29	V
	12780	-34.83	-25	-9.83	-70.62	-44.69	2.87	12.74	V
	15333	-37.53	-25	-12.53	-77.44	-47.86	3.74	14.07	V
Middle	5196	-36.11	-25	-11.11	-58.82	-43.36	2.45	9.70	H
	7800	-37.82	-25	-12.82	-66.34	-47.47	2.33	11.98	H
	10404	-37.15	-25	-12.15	-68.87	-46.82	2.69	12.36	H
	13008	-28.34	-25	-3.34	-67.03	-38.42	2.93	13.01	H
	15609	-36.33	-25	-11.33	-74.27	-46.63	3.85	14.15	H
	5196	-36.50	-25	-11.50	-58.78	-43.75	2.45	9.70	V
	7800	-33.90	-25	-8.90	-61.66	-43.55	2.33	11.98	V
	10404	-38.77	-25	-13.77	-69.65	-48.44	2.69	12.36	V
	13008	-31.50	-25	-6.50	-67.58	-41.58	2.93	13.01	V
	15609	-34.70	-25	-9.70	-75.04	-45	3.85	14.15	V



Highest	5292	-34.68	-25	-9.68	-57.52	-41.87	2.51	9.70	H
	7932	-37.78	-25	-12.78	-67.34	-47.55	2.29	12.06	H
	10584	-38.33	-25	-13.33	-70.09	-48.06	2.69	12.42	H
	13224	-38.55	-25	-13.55	-67.75	-48.88	2.99	13.31	H
	15874	-37.84	-25	-12.84	-75.32	-47.65	3.96	13.78	H
	5292	-33.75	-25	-8.75	-56.6	-40.94	2.51	9.70	V
	7932	-34.92	-25	-9.92	-62.69	-44.69	2.29	12.06	V
	10584	-38.34	-25	-13.34	-69.57	-48.07	2.69	12.42	V
	13224	-28.70	-25	-3.70	-65.97	-39.03	2.99	13.31	V
	15874	-35.16	-25	-10.16	-75.32	-44.97	3.96	13.78	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	5112	-36.96	-25	-11.96	-58.74	-44.26	2.40	9.70	H
	7668	-40.60	-25	-15.60	-68.02	-50.13	2.38	11.90	H
	10224	-41.10	-25	-16.10	-71.73	-50.69	2.69	12.29	H
	12780	-33.31	-25	-8.31	-69.87	-43.17	2.87	12.74	H
	15333	-36.79	-25	-11.79	-73.45	-47.12	3.74	14.07	H
	5112	-44.74	-25	-19.74	-65.59	-52.04	2.40	9.70	V
	7668	-40.79	-25	-15.79	-67.72	-50.32	2.38	11.90	V
	10224	-41.29	-25	-16.29	-70.75	-50.88	2.69	12.29	V
	12780	-36.79	-25	-11.79	-71.6	-46.65	2.87	12.74	V
	15333	-35.84	-25	-10.84	-74.88	-46.17	3.74	14.07	V
Middle	5196	-35.78	-25	-10.78	-57.5	-43.03	2.45	9.70	H
	7800	-41.76	-25	-16.76	-69.25	-51.41	2.33	11.98	H
	10392	-39.65	-25	-14.65	-70.3	-49.31	2.69	12.36	H
	12965	-33.61	-25	-8.61	-71.35	-43.65	2.92	12.96	H
	15558	-35.64	-25	-10.64	-72.51	-46.03	3.83	14.22	H
	5196	-46.93	-25	-21.93	-68.15	-54.18	2.45	9.70	V
	7800	-41.75	-25	-16.75	-68.59	-51.4	2.33	11.98	V
	10392	-39.12	-25	-14.12	-68.96	-48.78	2.69	12.36	V
	12965	-36.36	-25	-11.36	-71.53	-46.4	2.92	12.96	V
	15558	-35.94	-25	-10.94	-75.33	-46.33	3.83	14.22	V
Highest	5280	-31.82	-25	-6.82	-53.65	-39.02	2.50	9.70	H
	7920	-40.82	-25	-15.82	-69.21	-50.58	2.29	12.05	H
	10560	-37.76	-25	-12.76	-68.49	-47.48	2.69	12.41	H
	13200	-34.80	-25	-9.80	-72.85	-45.1	2.98	13.28	H
	15851	-36.28	-25	-11.28	-72.7	-46.14	3.95	13.81	H
	5280	-43.82	-25	-18.82	-65.74	-51.02	2.50	9.70	V
	7920	-41.93	-25	-16.93	-68.66	-51.69	2.29	12.05	V
	10560	-39.82	-25	-14.82	-69.98	-49.54	2.69	12.41	V
	13200	-35.92	-25	-10.92	-72.11	-46.22	2.98	13.28	V
	15851	-34.89	-25	-9.89	-74.13	-44.75	3.95	13.81	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	5112	-36.81	-25	-11.81	-58.59	-44.11	2.40	9.70	H
	7668	-38.70	-25	-13.70	-66.12	-48.23	2.38	11.90	H
	10224	-39.10	-25	-14.10	-69.73	-48.69	2.69	12.29	H
	12780	-29.78	-25	-4.78	-66.34	-39.64	2.87	12.74	H
	15333	-37.27	-25	-12.27	-73.93	-47.6	3.74	14.07	H
	5112	-41.79	-25	-16.79	-62.64	-49.09	2.40	9.70	V
	7668	-41.36	-25	-16.36	-68.29	-50.89	2.38	11.90	V
	10224	-39.22	-25	-14.22	-68.68	-48.81	2.69	12.29	V
	12780	-35.84	-25	-10.84	-70.65	-45.7	2.87	12.74	V
	15333	-34.48	-25	-9.48	-73.52	-44.81	3.74	14.07	V
Middle	5196	-36.17	-25	-11.17	-57.89	-43.42	2.45	9.70	H
	7788	-41.40	-25	-16.40	-68.88	-51.04	2.34	11.97	H
	10380	-39.91	-25	-14.91	-70.56	-49.57	2.69	12.35	H
	12984	-30.02	-25	-5.02	-67.67	-40.07	2.93	12.98	H
	15575	-35.33	-25	-10.33	-72.23	-45.69	3.84	14.20	H
	5196	-42.93	-25	-17.93	-64.15	-50.18	2.45	9.70	V
	7788	-42.01	-25	-17.01	-68.86	-51.65	2.34	11.97	V
	10380	-41.04	-25	-16.04	-70.88	-50.7	2.69	12.35	V
	12984	-36.58	-25	-11.58	-71.72	-46.63	2.93	12.98	V
	15575	-33.29	-25	-8.29	-72.69	-43.65	3.84	14.20	V
Highest	5268	-32.84	-25	-7.84	-54.58	-40.05	2.49	9.70	H
	7908	-41.17	-25	-16.17	-69.43	-50.92	2.30	12.04	H
	10548	-40.22	-25	-15.22	-70.95	-49.94	2.69	12.41	H
	13176	-32.25	-25	-7.25	-70.25	-42.52	2.97	13.25	H
	15816	-34.77	-25	-9.77	-71.24	-44.69	3.94	13.86	H
	5268	-40.34	-25	-15.34	-62.25	-47.55	2.49	9.70	V
	7908	-41.37	-25	-16.37	-68.12	-51.12	2.30	12.04	V
	10548	-50.25	-25	-25.25	-70.41	-59.97	2.69	12.41	V
	13176	-33.89	-25	-8.89	-69.91	-44.16	2.97	13.25	V
	15816	-33.78	-25	-8.78	-73.04	-43.7	3.94	13.86	V

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