



## Appendix B. Test Results of Radiated Test

### ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	20.30	0.1072	20.40	0.1097
Middle		3	0	19.35	0.0862	19.81	0.0957
Highest		1	3	19.01	0.0796	19.17	0.0826
Lowest	16QAM	1	3	19.17	0.0827	19.29	0.0848
Middle		3	1	18.50	0.0707	18.61	0.0726
Highest		3	0	17.92	0.0620	18.05	0.0638
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	20.22	0.1053	20.42	0.1102
Middle		1	14	19.12	0.0817	19.39	0.0870
Highest		1	0	19.02	0.0798	19.27	0.0845
Lowest	16QAM	1	14	18.96	0.0786	19.13	0.0819
Middle		1	14	18.27	0.0672	18.39	0.0690
Highest		1	14	17.80	0.0603	17.94	0.0622
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.21	0.1050	20.35	0.1085
Middle		1	12	19.17	0.0826	19.55	0.0901
Highest		1	12	18.97	0.0789	19.17	0.0826
Lowest	16QAM	1	0	19.13	0.0818	19.40	0.0872
Middle		1	24	18.31	0.0678	18.70	0.0742
Highest		1	24	18.05	0.0639	18.33	0.0681
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.33	0.1079	20.43	0.1105
Middle		1	25	19.43	0.0877	19.58	0.0908
Highest		1	0	18.99	0.0793	19.24	0.0840
Lowest	16QAM	1	0	19.31	0.0853	19.55	0.0901
Middle		1	49	18.35	0.0684	18.71	0.0742
Highest		1	0	18.30	0.0676	18.69	0.0740
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.31	0.1074	20.49	0.1120
Middle		1	0	19.54	0.0900	19.70	0.0933
Highest		1	74	19.16	0.0824	19.40	0.0871
Lowest	16QAM	1	0	19.51	0.0894	19.67	0.0927
Middle		1	74	19.06	0.0805	19.21	0.0834
Highest		1	0	18.49	0.0707	18.72	0.0744
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.30	0.1071	20.48	0.1117
Middle		1	0	19.74	0.0943	19.94	0.0987
Highest		1	0	19.24	0.0839	19.62	0.0916
Lowest	16QAM	1	49	19.46	0.0883	19.69	0.0931
Middle		1	49	19.09	0.0812	19.21	0.0834
Highest		1	49	18.59	0.0724	18.94	0.0783
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	22.29	0.1694	22.49	0.1775
Middle		3	0	23.40	0.2189	23.56	0.2270
Highest		3	3	23.31	0.2143	23.46	0.2220
Lowest	16QAM	1	5	20.97	0.1251	21.23	0.1328
Middle		1	0	22.22	0.1666	22.47	0.1764
Highest		1	3	22.30	0.1699	22.50	0.1779
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.12	0.1630	22.25	0.1680
Middle		1	0	23.37	0.2174	23.55	0.2265
Highest		1	0	23.20	0.2088	23.31	0.2141
Lowest	16QAM	1	0	21.37	0.1372	21.58	0.1438
Middle		1	0	22.37	0.1727	22.61	0.1824
Highest		1	0	22.32	0.1706	22.50	0.1779
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.35	0.1717	22.40	0.1738
Middle		1	0	23.20	0.2088	23.35	0.2161
Highest		1	12	23.38	0.2180	23.44	0.2207
Lowest	16QAM	1	0	21.28	0.1342	21.50	0.1413
Middle		1	0	22.03	0.1594	22.31	0.1704
Highest		1	12	22.22	0.1668	22.40	0.1739
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.49	0.1773	22.73	0.1876
Middle		1	0	23.17	0.2074	23.19	0.2085
Highest		1	0	23.49	0.2236	23.58	0.2280
Lowest	16QAM	1	0	21.38	0.1374	21.70	0.1479
Middle		1	0	22.13	0.1632	22.40	0.1739
Highest		1	49	22.28	0.1690	22.53	0.1789
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.55	0.1798	22.72	0.1872
Middle		1	0	23.08	0.2032	23.25	0.2111
Highest		1	0	23.44	0.2208	23.68	0.2333
Lowest	16QAM	1	0	21.83	0.1523	21.95	0.1566
Middle		1	0	22.34	0.1713	22.44	0.1753
Highest		1	0	22.63	0.1833	22.80	0.1904
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.67	0.1849	22.85	0.1928
Middle		1	0	23.15	0.2065	23.25	0.2114
Highest		1	0	23.62	0.2302	23.79	0.2396
Lowest	16QAM	1	99	21.99	0.1581	22.16	0.1646
Middle		1	0	22.27	0.1686	22.31	0.1702
Highest		1	99	22.31	0.1701	22.38	0.1730
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.73	0.0941	19.90	0.0977
Middle		1	24	19.85	0.0967	19.39	0.0869
Highest		1	0	19.42	0.0875	18.69	0.0740
Lowest	16QAM	1	0	18.85	0.0768	19.03	0.0800
Middle		1	0	18.60	0.0724	18.03	0.0635
Highest		1	0	18.05	0.0638	17.32	0.0540
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	19.79	0.0953	19.60	0.0913
Middle		1	0	19.95	0.0989	19.69	0.0932
Highest		1	0	19.51	0.0894	19.01	0.0796
Lowest	16QAM	1	25	18.71	0.0744	18.84	0.0765
Middle		1	0	18.47	0.0703	18.38	0.0689
Highest		1	25	17.36	0.0544	17.08	0.0510
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.90	0.0977	19.88	0.0972
Middle		1	0	20.25	0.1059	19.64	0.0920
Highest		1	0	19.70	0.0934	18.84	0.0765
Lowest	16QAM	1	0	19.07	0.0808	19.33	0.0858
Middle		1	0	18.76	0.0751	18.64	0.0730
Highest		1	0	18.13	0.0651	17.66	0.0584
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.77	0.0947	19.84	0.0965
Middle		1	0	20.05	0.1012	19.63	0.0917
Highest		1	0	19.84	0.0964	19.05	0.0803
Lowest	16QAM	1	0	19.19	0.0829	19.24	0.0839
Middle		1	0	19.01	0.0796	18.62	0.0728
Highest		1	0	18.78	0.0755	17.88	0.0614
Limit	EIRP < 2W			Result		PASS	

LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	19.14	0.0820	8.34	0.0068
Middle		1	3	19.08	0.0810	8.18	0.0066
Highest		1	3	19.14	0.0820	8.58	0.0072
Lowest	16QAM	1	3	18.22	0.0663	7.06	0.0051
Middle		1	3	18.22	0.0663	6.95	0.0050
Highest		3	3	18.39	0.0691	7.13	0.0052
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	19.07	0.0808	7.48	0.0056
Middle		1	8	18.95	0.0785	7.34	0.0054
Highest		1	8	19.18	0.0829	7.80	0.0060
Lowest	16QAM	1	0	18.02	0.0634	7.04	0.0051
Middle		1	0	18.04	0.0637	6.80	0.0048
Highest		1	0	18.02	0.0633	7.03	0.0050
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	18.96	0.0786	7.19	0.0052
Middle		1	0	19.18	0.0828	7.23	0.0053
Highest		1	0	18.88	0.0772	7.43	0.0055
Lowest	16QAM	1	24	18.06	0.0639	6.30	0.0043
Middle		1	0	18.10	0.0646	6.76	0.0047
Highest		1	24	17.95	0.0623	7.08	0.0051
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	19.08	0.0809	7.62	0.0058
Middle		1	49	18.79	0.0757	7.54	0.0057
Highest		1	49	19.01	0.0796	7.81	0.0060
Lowest	16QAM	1	49	18.06	0.0640	6.89	0.0049
Middle		1	0	18.10	0.0645	6.81	0.0048
Highest		1	49	18.04	0.0637	7.20	0.0053
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	18.94	0.0784	8.27	0.0067
Middle		1	12	18.69	0.0739	8.35	0.0068
Highest		1	0	19.05	0.0804	8.32	0.0068
Lowest	16QAM	1	24	17.72	0.0592	6.83	0.0048
Middle		1	0	17.82	0.0606	6.66	0.0046
Highest		1	24	17.64	0.0581	7.20	0.0053
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	18.94	0.0783	8.74	0.0075
Middle		1	49	18.97	0.0788	8.77	0.0075
Highest		1	49	19.09	0.0811	8.92	0.0078
Lowest	16QAM	1	49	18.04	0.0636	8.15	0.0065
Middle		1	0	18.10	0.0646	7.92	0.0062
Highest		1	0	18.17	0.0656	8.12	0.0065
Limit	ERP < 3W			Result		PASS	



**Radiated Spurious Emission**

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	3700.32	-37.68	-13	-24.68	-49.69	-49.41	0.87	12.60	H
	5550.48	-43.18	-13	-30.18	-59.06	-55.21	1.07	13.10	H
	7400.64	-49.17	-13	-36.17	-67.49	-58.78	1.69	11.30	H
	3700.32	-36.84	-13	-23.84	-50.7	-48.57	0.87	12.6	V
	5550.48	-43.11	-13	-30.11	-59.43	-55.14	1.07	13.1	V
	7400.64	-49.73	-13	-36.73	-67.95	-59.34	1.69	11.3	V
Middle	3758.92	-37.77	-13	-24.77	-49.77	-49.50	0.87	12.60	H
	5638.38	-41.15	-13	-28.15	-57.03	-53.18	1.07	13.10	H
	7517.84	-45.67	-13	-32.67	-63.99	-55.28	1.69	11.30	H
	3758.92	-36.86	-13	-23.86	-50.72	-48.59	0.87	12.6	V
	5638.38	-40.94	-13	-27.94	-57.26	-52.97	1.07	13.1	V
	7517.84	-47.63	-13	-34.63	-65.85	-57.24	1.69	11.3	V
Highest	3817.52	-42.89	-13	-29.89	-54.14	-54.62	0.87	12.60	H
	5726.28	-49.16	-13	-36.16	-65.04	-61.19	1.07	13.10	H
	7635.04	-50.08	-13	-37.08	-68.40	-59.69	1.69	11.30	H
	3817.52	-42.05	-13	-29.05	-54.52	-53.78	0.87	12.6	V
	5726.28	-47.40	-13	-34.40	-63.72	-59.43	1.07	13.1	V
	7635.04	-49.44	-13	-36.44	-67.66	-59.05	1.69	11.3	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
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	3700.48	-46.43	-13	-33.43	-57.68	-58.16	0.87	12.60	H
	5550.72	-47.34	-13	-34.34	-63.22	-59.37	1.07	13.10	H
	7400.96	-50.22	-13	-37.22	-68.54	-59.83	1.69	11.30	H
	3700.48	-44.78	-13	-31.78	-57.25	-56.51	0.87	12.6	V
	5550.72	-50.20	-13	-37.20	-66.52	-62.23	1.07	13.1	V
	7400.96	-50.18	-13	-37.18	-68.4	-59.79	1.69	11.3	V
Middle	3758.92	-43.26	-13	-30.26	-54.51	-54.99	0.87	12.60	H
	5638.38	-47.09	-13	-34.09	-62.97	-59.12	1.07	13.10	H
	7517.84	-49.10	-13	-36.10	-67.42	-58.71	1.69	11.30	H
	3758.92	-43.89	-13	-30.89	-56.36	-55.62	0.87	12.6	V
	5638.38	-48.47	-13	-35.47	-64.79	-60.50	1.07	13.1	V
	7517.84	-49.23	-13	-36.23	-67.45	-58.84	1.69	11.3	V
Highest	3814.48	-45.67	-13	-32.67	-56.92	-57.40	0.87	12.60	H
	5721.72	-51.48	-13	-38.48	-67.36	-63.51	1.07	13.10	H
	7628.96	-48.81	-13	-35.81	-67.13	-58.42	1.69	11.30	H
	3814.48	-47.37	-13	-34.37	-59.84	-59.10	0.87	12.6	V
	5721.72	-52.97	-13	-39.97	-69.29	-65.00	1.07	13.1	V
	7628.96	-49.94	-13	-36.94	-68.16	-59.55	1.69	11.3	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
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	3700.68	-46.68	-13	-33.68	-57.93	-58.41	0.87	12.60	H
	5551.02	-49.49	-13	-36.49	-65.37	-61.52	1.07	13.10	H
	7401.36	-49.86	-13	-36.86	-68.18	-59.47	1.69	11.30	H
	3700.68	-44.75	-13	-31.75	-57.22	-56.48	0.87	12.6	V
	5551.02	-49.32	-13	-36.32	-65.64	-61.35	1.07	13.1	V
	7401.36	-50.42	-13	-37.42	-68.64	-60.03	1.69	11.3	V
Middle	3755.68	-42.32	-13	-29.32	-53.57	-54.05	0.87	12.60	H
	5633.52	-46.56	-13	-33.56	-62.44	-58.59	1.07	13.10	H
	7511.36	-49.88	-13	-36.88	-68.20	-59.49	1.69	11.30	H
	3755.68	-44.32	-13	-31.32	-56.79	-56.05	0.87	12.6	V
	5633.52	-47.90	-13	-34.90	-64.22	-59.93	1.07	13.1	V
	7511.36	-49.89	-13	-36.89	-68.11	-59.50	1.69	11.3	V
Highest	3814.48	-45.40	-13	-32.40	-56.65	-57.13	0.87	12.60	H
	5721.72	-50.54	-13	-37.54	-66.42	-62.57	1.07	13.10	H
	7628.96	-49.27	-13	-36.27	-67.59	-58.88	1.69	11.30	H
	3814.48	-44.79	-13	-31.79	-57.26	-56.52	0.87	12.6	V
	5721.72	-51.66	-13	-38.66	-67.98	-63.69	1.07	13.1	V
	7628.96	-50.36	-13	-37.36	-68.58	-59.97	1.69	11.3	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3701.18	-44.97	-13	-31.97	-56.22	-56.70	0.87	12.60	H
	5551.77	-48.66	-13	-35.66	-64.54	-60.69	1.07	13.10	H
	7402.36	-50.40	-13	-37.40	-68.72	-60.01	1.69	11.30	H
	3701.18	-43.97	-13	-30.97	-56.44	-55.70	0.87	12.6	V
	5551.77	-50.41	-13	-37.41	-66.73	-62.44	1.07	13.1	V
	7402.36	-50.02	-13	-37.02	-68.24	-59.63	1.69	11.3	V
Middle	3751.18	-41.00	-13	-28.00	-52.48	-52.73	0.87	12.60	H
	5626.77	-46.64	-13	-33.64	-62.52	-58.67	1.07	13.10	H
	7502.36	-50.49	-13	-37.49	-68.81	-60.10	1.69	11.30	H
	3751.18	-43.76	-13	-30.76	-56.23	-55.49	0.87	12.6	V
	5626.77	-47.74	-13	-34.74	-64.06	-59.77	1.07	13.1	V
	7502.36	-50.26	-13	-37.26	-68.48	-59.87	1.69	11.3	V
Highest	3801.18	-45.26	-13	-32.26	-56.51	-56.99	0.87	12.60	H
	5701.77	-50.02	-13	-37.02	-65.90	-62.05	1.07	13.10	H
	7602.36	-48.99	-13	-35.99	-67.31	-58.60	1.69	11.30	H
	3801.18	-46.26	-13	-33.26	-58.73	-57.99	0.87	12.6	V
	5701.77	-52.33	-13	-39.33	-68.65	-64.36	1.07	13.1	V
	7602.36	-49.92	-13	-36.92	-68.14	-59.53	1.69	11.3	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3701.68	-39.14	-13	-26.14	-50.89	-50.87	0.87	12.60	H
	5552.52	-38.71	-13	-25.71	-55.17	-50.74	1.07	13.10	H
	7403.36	-48.06	-13	-35.06	-66.38	-57.67	1.69	11.30	H
	3701.68	-37.29	-13	-24.29	-51.07	-49.02	0.87	12.6	V
	5552.52	-43.52	-13	-30.52	-59.84	-55.55	1.07	13.1	V
	7403.36	-49.60	-13	-36.60	-67.82	-59.21	1.69	11.3	V
Middle	3746.68	-37.60	-13	-24.60	-49.62	-49.33	0.87	12.60	H
	5620.02	-42.79	-13	-29.79	-58.67	-54.82	1.07	13.10	H
	7493.36	-45.50	-13	-32.50	-63.82	-55.11	1.69	11.30	H
	3746.68	-36.95	-13	-23.95	-50.8	-48.68	0.87	12.6	V
	5620.02	-41.91	-13	-28.91	-58.23	-53.94	1.07	13.1	V
	7493.36	-47.97	-13	-34.97	-66.19	-57.58	1.69	11.3	V
Highest	3791.68	-40.20	-13	-27.20	-51.82	-51.93	0.87	12.60	H
	5687.52	-45.18	-13	-32.18	-61.06	-57.21	1.07	13.10	H
	7583.36	-47.61	-13	-34.61	-65.93	-57.22	1.69	11.30	H
	3791.68	-39.78	-13	-26.78	-52.98	-51.51	0.87	12.6	V
	5687.52	-45.88	-13	-32.88	-62.2	-57.91	1.07	13.1	V
	7583.36	-48.51	-13	-35.51	-66.73	-58.12	1.69	11.3	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3702.18	-38.96	-13	-25.96	-50.73	-50.69	0.87	12.60	H
	5553.27	-43.00	-13	-30.00	-58.88	-55.03	1.07	13.10	H
	7404.36	-47.99	-13	-34.99	-66.31	-57.60	1.69	11.30	H
	3702.18	-38.69	-13	-25.69	-52.12	-50.42	0.87	12.6	V
	5553.27	-43.37	-13	-30.37	-59.69	-55.40	1.07	13.1	V
	7404.36	-49.54	-13	-36.54	-67.76	-59.15	1.69	11.3	V
Middle	3742.18	-37.36	-13	-24.36	-49.40	-49.09	0.87	12.60	H
	5613.27	-41.86	-13	-28.86	-57.74	-53.89	1.07	13.10	H
	7484.36	-45.61	-13	-32.61	-63.93	-55.22	1.69	11.30	H
	3742.18	-38.26	-13	-25.26	-51.8	-49.99	0.87	12.6	V
	5613.27	-40.26	-13	-27.26	-56.58	-52.29	1.07	13.1	V
	7484.36	-46.75	-13	-33.75	-64.97	-56.36	1.69	11.3	V
Highest	3782.18	-39.65	-13	-26.65	-51.34	-51.38	0.87	12.60	H
	5673.27	-44.55	-13	-31.55	-60.43	-56.58	1.07	13.10	H
	7564.36	-47.04	-13	-34.04	-65.36	-56.65	1.69	11.30	H
	3782.18	-38.92	-13	-25.92	-52.29	-50.65	0.87	12.6	V
	5673.27	-43.18	-13	-30.18	-59.5	-55.21	1.07	13.1	V
	7564.36	-48.03	-13	-35.03	-66.25	-57.64	1.69	11.3	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	3420.32	-43.28	-13	-30.28	-55.08	-55.03	0.85	12.60	H
	5130.48	-43.12	-13	-30.12	-58.99	-54.87	0.95	12.70	H
	6840.64	-42.96	-13	-29.96	-59.59	-53.48	1.18	11.70	H
	3420.32	-43.38	-13	-30.38	-54.37	-55.17	0.81	12.6	V
	5130.48	-37.02	-13	-24.02	-53.71	-48.77	0.95	12.7	V
	6840.64	-43.95	-13	-30.95	-61.13	-54.52	1.13	11.7	V
Middle	3463.74	-42.56	-13	-29.56	-54.36	-54.31	0.85	12.60	H
	5195.61	-41.25	-13	-28.25	-57.12	-53.00	0.95	12.70	H
	6927.48	-49.46	-13	-36.46	-66.09	-59.98	1.18	11.70	H
	3463.74	-41.73	-13	-28.73	-53.06	-53.52	0.81	12.6	V
	5195.61	-35.84	-13	-22.84	-52.8	-47.59	0.95	12.7	V
	6927.48	-47.33	-13	-34.33	-64.51	-57.90	1.13	11.7	V
Highest	3507.52	-40.59	-13	-27.59	-52.39	-52.34	0.85	12.60	H
	5261.28	-38.74	-13	-25.74	-54.61	-50.49	0.95	12.70	H
	7015.04	-46.13	-13	-33.13	-62.76	-56.65	1.18	11.70	H
	3507.52	-40.55	-13	-27.55	-52.24	-52.34	0.81	12.6	V
	5261.28	-32.04	-13	-19.04	-49.68	-43.79	0.95	12.7	V
	7015.04	-45.81	-13	-32.81	-62.99	-56.38	1.13	11.7	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.48	-43.13	-13	-30.13	-54.93	-54.88	0.85	12.60	H
	5130.72	-40.41	-13	-27.41	-56.28	-52.16	0.95	12.70	H
	6840.96	-41.70	-13	-28.70	-58.33	-52.22	1.18	11.70	H
	3420.48	-43.88	-13	-30.88	-54.79	-55.67	0.81	12.6	V
	5130.72	-35.96	-13	-22.96	-52.94	-47.71	0.95	12.7	V
	6840.96	-44.68	-13	-31.68	-61.86	-55.25	1.13	11.7	V
Middle	3462.3	-43.48	-13	-30.48	-55.28	-55.23	0.85	12.60	H
	5193.45	-40.53	-13	-27.53	-56.40	-52.28	0.95	12.70	H
	6924.6	-48.88	-13	-35.88	-65.51	-59.40	1.18	11.70	H
	3462.3	-42.50	-13	-29.50	-53.65	-54.29	0.81	12.6	V
	5193.45	-32.64	-13	-19.64	-50.11	-44.39	0.95	12.7	V
	6924.6	-46.16	-13	-33.16	-63.34	-56.73	1.13	11.7	V
Highest	3504.48	-40.30	-13	-27.30	-52.10	-52.05	0.85	12.60	H
	5256.72	-37.36	-13	-24.36	-53.42	-49.11	0.95	12.70	H
	7008.96	-44.16	-13	-31.16	-60.79	-54.68	1.18	11.70	H
	3504.48	-41.31	-13	-28.31	-52.77	-53.10	0.81	12.6	V
	5256.72	-30.88	-13	-17.88	-48.7	-42.63	0.95	12.7	V
	7008.96	-43.28	-13	-30.28	-60.46	-53.85	1.13	11.7	V

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





LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
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	3420.68	-44.29	-13	-31.29	-56.09	-56.04	0.85	12.60	H
	5131.02	-41.40	-13	-28.40	-57.27	-53.15	0.95	12.70	H
	6841.36	-42.80	-13	-29.80	-59.43	-53.32	1.18	11.70	H
	3420.68	-42.73	-13	-29.73	-53.83	-54.52	0.81	12.6	V
	5131.02	-37.40	-13	-24.40	-54.04	-49.15	0.95	12.7	V
	6841.36	-44.96	-13	-31.96	-62.14	-55.53	1.13	11.7	V
Middle	3460.68	-43.12	-13	-30.12	-54.92	-54.87	0.85	12.60	H
	5191.02	-41.26	-13	-28.26	-57.13	-53.01	0.95	12.70	H
	6921.36	-49.55	-13	-36.55	-66.18	-60.07	1.18	11.70	H
	3460.68	-41.07	-13	-28.07	-52.6	-52.86	0.81	12.6	V
	5191.02	-34.31	-13	-21.31	-51.43	-46.06	0.95	12.7	V
	6921.36	-45.48	-13	-32.48	-62.66	-56.05	1.13	11.7	V
Highest	3500.68	-41.52	-13	-28.52	-53.32	-53.27	0.85	12.60	H
	5251.02	-38.89	-13	-25.89	-54.76	-50.64	0.95	12.70	H
	7001.36	-46.10	-13	-33.10	-62.73	-56.62	1.18	11.70	H
	3500.68	-39.48	-13	-26.48	-51.42	-51.27	0.81	12.6	V
	5251.02	-33.59	-13	-20.59	-50.89	-45.34	0.95	12.7	V
	7001.36	-45.54	-13	-32.54	-62.72	-56.11	1.13	11.7	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3421.18	-43.21	-13	-30.21	-55.01	-54.96	0.85	12.60	H
	5131.77	-44.75	-13	-31.75	-60.62	-56.50	0.95	12.70	H
	6842.36	-43.91	-13	-30.91	-60.54	-54.43	1.18	11.70	H
	3421.18	-45.06	-13	-32.06	-55.18	-56.85	0.81	12.6	V
	5131.77	-47.79	-13	-34.79	-60.39	-59.54	0.95	12.7	V
	6842.36	-43.09	-13	-30.09	-60.27	-53.66	1.13	11.7	V
Middle	3456.18	-43.37	-13	-30.37	-55.17	-55.12	0.85	12.60	H
	5184.27	-43.34	-13	-30.34	-59.21	-55.09	0.95	12.70	H
	6912.36	-48.92	-13	-35.92	-65.55	-59.44	1.18	11.70	H
	3456.18	-43.70	-13	-30.70	-54.64	-55.49	0.81	12.6	V
	5184.27	-38.01	-13	-25.01	-54.57	-49.76	0.95	12.7	V
	6912.36	-48.89	-13	-35.89	-66.07	-59.46	1.13	11.7	V
Highest	3491.18	-45.04	-13	-32.04	-56.84	-56.79	0.85	12.60	H
	5236.77	-43.21	-13	-30.21	-59.08	-54.96	0.95	12.70	H
	6982.36	-46.37	-13	-33.37	-63.00	-56.89	1.18	11.70	H
	3491.18	-45.49	-13	-32.49	-55.65	-57.28	0.81	12.6	V
	5236.77	-41.02	-13	-28.02	-56.38	-52.77	0.95	12.7	V
	6982.36	-47.98	-13	-34.98	-65.16	-58.55	1.13	11.7	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3421.68	-43.69	-13	-30.69	-55.49	-55.44	0.85	12.60	H
	5132.52	-43.09	-13	-30.09	-58.96	-54.84	0.95	12.70	H
	6843.36	-42.51	-13	-29.51	-59.14	-53.03	1.18	11.70	H
	3421.68	-43.98	-13	-30.98	-54.87	-55.77	0.81	12.6	V
	5132.52	-39.59	-13	-26.59	-55.55	-51.34	0.95	12.7	V
	6843.36	-43.37	-13	-30.37	-60.55	-53.94	1.13	11.7	V
Middle	3451.68	-42.02	-13	-29.02	-53.82	-53.77	0.85	12.60	H
	5177.52	-41.18	-13	-28.18	-57.05	-52.93	0.95	12.70	H
	6903.36	-47.01	-13	-34.01	-63.64	-57.53	1.18	11.70	H
	3451.68	-39.91	-13	-26.91	-51.78	-51.70	0.81	12.6	V
	5177.52	-37.60	-13	-24.60	-54.22	-49.35	0.95	12.7	V
	6903.36	-47.71	-13	-34.71	-64.89	-58.28	1.13	11.7	V
Highest	3481.68	-44.00	-13	-31.00	-55.80	-55.75	0.85	12.60	H
	5222.52	-41.00	-13	-28.00	-56.87	-52.75	0.95	12.70	H
	6963.36	-43.72	-13	-30.72	-60.35	-54.24	1.18	11.70	H
	3481.68	-42.91	-13	-29.91	-53.14	-54.70	0.81	12.6	V
	5222.52	-39.48	-13	-26.48	-55.46	-51.23	0.95	12.7	V
	6963.36	-46.60	-13	-33.60	-63.78	-57.17	1.13	11.7	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3422.18	-40.45	-13	-27.45	-52.25	-52.20	0.85	12.60	H
	5133.27	-39.11	-13	-26.11	-54.98	-50.86	0.95	12.70	H
	6844.36	-44.87	-13	-31.87	-61.50	-55.39	1.18	11.70	H
	3422.18	-42.23	-13	-29.23	-53.43	-54.02	0.81	12.6	V
	5133.27	-37.74	-13	-24.74	-54.34	-49.49	0.95	12.7	V
	6844.36	-44.73	-13	-31.73	-61.91	-55.30	1.13	11.7	V
Middle	3447.18	-38.79	-13	-25.79	-50.77	-50.54	0.85	12.60	H
	5170.77	-44.99	-13	-31.99	-60.86	-56.74	0.95	12.70	H
	6894.36	-44.07	-13	-31.07	-60.70	-54.59	1.18	11.70	H
	3447.18	-46.44	-13	-33.44	-56.66	-58.23	0.81	12.6	V
	5170.77	-41.92	-13	-28.92	-57.11	-53.67	0.95	12.7	V
	6894.36	-46.57	-13	-33.57	-63.75	-57.14	1.13	11.7	V
Highest	3472.18	-37.76	-13	-24.76	-49.89	-49.51	0.85	12.60	H
	5208.27	-38.29	-13	-25.29	-54.16	-50.04	0.95	12.70	H
	6944.36	-45.08	-13	-32.08	-61.71	-55.60	1.18	11.70	H
	3472.18	-41.47	-13	-28.47	-52.88	-53.26	0.81	12.6	V
	5208.27	-37.82	-13	-24.82	-54.41	-49.57	0.95	12.7	V
	6944.36	-46.01	-13	-33.01	-63.19	-56.58	1.13	11.7	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
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	5000.68	-41.20	-25	-16.20	-56.08	-52.95	0.95	12.70	H
	7501.02	-30.89	-25	-5.89	-52.69	-41.41	1.18	11.70	H
	10001.36	-36.40	-25	-11.40	-61.58	-47.05	1.45	12.10	H
	5000.68	-36.17	-25	-11.17	-53.9	-47.92	0.95	12.70	V
	7501.02	-31.05	-25	-6.05	-52.9	-41.29	1.46	11.70	V
	10001.36	-39.47	-25	-14.47	-62.33	-50.26	1.31	12.10	V
Middle	5065.68	-44.63	-25	-19.63	-59.51	-56.38	0.95	12.70	H
	7598.52	-30.05	-25	-5.05	-52.06	-40.57	1.18	11.70	H
	10131.36	-36.99	-25	-11.99	-62.17	-47.64	1.45	12.10	H
	5065.68	-40.83	-25	-15.83	-57.16	-52.58	0.95	12.70	V
	7598.52	-31.85	-25	-6.85	-53.35	-42.09	1.46	11.70	V
	10131.36	-39.19	-25	-14.19	-62.05	-49.98	1.31	12.10	V
Highest	5130.68	-45.78	-25	-20.78	-60.66	-57.53	0.95	12.70	H
	7696.02	-30.88	-25	-5.88	-52.68	-41.40	1.18	11.70	H
	10261.36	-37.98	-25	-12.98	-63.16	-48.63	1.45	12.10	H
	5130.68	-43.52	-25	-18.52	-58.65	-55.27	0.95	12.70	V
	7696.02	-26.18	-25	-1.18	-48.64	-36.42	1.46	11.70	V
	10261.36	-38.99	-25	-13.99	-61.85	-49.78	1.31	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
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	5001.18	-41.11	-25	-16.11	-55.99	-52.86	0.95	12.70	H
	7501.77	-31.71	-25	-6.71	-53.39	-42.23	1.18	11.70	H
	10002.36	-36.77	-25	-11.77	-61.95	-47.42	1.45	12.10	H
	5001.18	-35.97	-25	-10.97	-53.78	-47.72	0.95	12.70	V
	7501.77	-29.79	-25	-4.79	-51.75	-40.03	1.46	11.70	V
	10002.36	-39.90	-25	-14.90	-62.76	-50.69	1.31	12.10	V
Middle	5061.18	-46.20	-25	-21.20	-61.08	-57.95	0.95	12.70	H
	7591.77	-30.45	-25	-5.45	-52.36	-40.97	1.18	11.70	H
	10122.36	-36.70	-25	-11.70	-61.88	-47.35	1.45	12.10	H
	5061.18	-43.37	-25	-18.37	-58.5	-55.12	0.95	12.70	V
	7591.77	-34.10	-25	-9.10	-55.04	-44.34	1.46	11.70	V
	10122.36	-39.48	-25	-14.48	-62.34	-50.27	1.31	12.10	V
Highest	5121.18	-43.76	-25	-18.76	-58.64	-55.51	0.95	12.70	H
	7681.77	-29.22	-25	-4.22	-51.31	-39.74	1.18	11.70	H
	10242.36	-36.44	-25	-11.44	-61.62	-47.09	1.45	12.10	H
	5121.18	-37.60	-25	-12.60	-54.86	-49.35	0.95	12.70	V
	7681.77	-27.88	-25	-2.88	-50.16	-38.12	1.46	11.70	V
	10242.36	-39.64	-25	-14.64	-62.5	-50.43	1.31	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
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	5001.68	-39.10	-25	-14.10	-54.65	-50.85	0.95	12.70	H
	7502.52	-32.11	-25	-7.11	-53.74	-42.63	1.18	11.70	H
	10003.36	-37.58	-25	-12.58	-62.76	-48.23	1.45	12.10	H
	5001.68	-37.10	-25	-12.10	-54.41	-48.85	0.95	12.70	V
	7502.52	-31.85	-25	-6.85	-53.35	-42.09	1.46	11.70	V
	10003.36	-39.91	-25	-14.91	-62.77	-50.70	1.31	12.10	V
Middle	5056.68	-44.07	-25	-19.07	-58.95	-55.82	0.95	12.70	H
	7585.02	-31.24	-25	-6.24	-52.98	-41.76	1.18	11.70	H
	10113.00	-38.33	-25	-13.33	-63.51	-48.98	1.45	12.10	H
	5056.68	-43.21	-25	-18.21	-58.34	-54.96	0.95	12.70	V
	7585.02	-30.40	-25	-5.40	-52.29	-40.64	1.46	11.70	V
	10113	-40.73	-25	-15.73	-63.59	-51.52	1.31	12.10	V
Highest	5111.68	-42.07	-25	-17.07	-56.95	-53.82	0.95	12.70	H
	7667.52	-31.42	-25	-6.42	-53.14	-41.94	1.18	11.70	H
	10223.36	-37.42	-25	-12.42	-62.60	-48.07	1.45	12.10	H
	5111.68	-37.07	-25	-12.07	-54.39	-48.82	0.95	12.70	V
	7667.52	-33.79	-25	-8.79	-54.81	-44.03	1.46	11.70	V
	10223.36	-42.77	-25	-17.77	-65.63	-53.56	1.31	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
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	5002.18	-36.15	-25	-11.15	-52.94	-47.90	0.95	12.70	H
	7503.27	-32.39	-25	-7.39	-53.98	-42.91	1.18	11.70	H
	10004.36	-35.51	-25	-10.51	-60.69	-46.16	1.45	12.10	H
	5002.18	-37.42	-25	-12.42	-54.7	-49.17	0.95	12.70	V
	7503.27	-32.34	-25	-7.34	-53.7	-42.58	1.46	11.70	V
	10004.36	-38.51	-25	-13.51	-61.37	-49.30	1.31	12.10	V
Middle	5052.18	-41.87	-25	-16.87	-56.75	-53.62	0.95	12.70	H
	7578.27	-30.32	-25	-5.32	-52.26	-40.84	1.18	11.70	H
	10104.36	-36.21	-25	-11.21	-61.39	-46.86	1.45	12.10	H
	5052.18	-39.89	-25	-14.89	-56.43	-51.64	0.95	12.70	V
	7578.27	-30.30	-25	-5.30	-52.19	-40.54	1.46	11.70	V
	10104.36	-40.71	-25	-15.71	-63.57	-51.50	1.31	12.10	V
Highest	5102.18	-39.50	-25	-14.50	-54.97	-51.25	0.95	12.70	H
	7653.27	-32.44	-25	-7.44	-54.02	-42.96	1.18	11.70	H
	10204.36	-33.47	-25	-8.47	-58.78	-44.12	1.45	12.10	H
	5102.18	-34.64	-25	-9.64	-52.48	-46.39	0.95	12.70	V
	7653.27	-34.24	-25	-9.24	-55.15	-44.48	1.46	11.70	V
	10204.36	-37.80	-25	-12.80	-60.66	-48.59	1.31	12.10	V

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





LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	1398.14	-43.07	-13	-30.07	-47.60	-48.36	0.56	8.00	H
	2097.21	-58.12	-13	-45.12	-62.64	-65.72	0.65	10.40	H
	2796.28	-53.04	-13	-40.04	-60.12	-61.57	0.82	11.50	H
	3495.35	-55.36	-13	-42.36	-64.77	-64.96	0.85	12.60	H
	1398.14	-43.59	-13	-30.59	-48.37	-48.88	0.56	8.00	V
	2097.21	-56.72	-13	-43.72	-60.61	-64.32	0.65	10.40	V
	2796.28	-54.13	-13	-41.13	-61.46	-62.66	0.82	11.50	V
	3495.35	-55.15	-13	-42.15	-65.03	-64.75	0.85	12.60	V
Middle	1413.74	-43.93	-13	-30.93	-48.52	-49.22	0.56	8.00	H
	2120.61	-59.25	-13	-46.25	-63.77	-66.85	0.65	10.40	H
	2827.48	-54.64	-13	-41.64	-61.72	-63.17	0.82	11.50	H
	1413.74	-43.38	-13	-30.38	-48.20	-48.67	0.56	8.00	V
	2120.61	-57.25	-13	-44.25	-61.14	-64.85	0.65	10.40	V
	2827.48	-56.40	-13	-43.40	-63.73	-64.93	0.82	11.50	V
Highest	1429.34	-49.63	-13	-36.63	-53.46	-54.92	0.56	8.00	H
	2144.01	-60.91	-13	-47.91	-65.43	-68.51	0.65	10.40	H
	2858.68	-50.62	-13	-37.62	-57.70	-59.15	0.82	11.50	H
	3573.35	-56.16	-13	-43.16	-65.57	-65.76	0.85	12.60	H
	1429.34	-47.01	-13	-34.01	-51.27	-52.30	0.56	8.00	V
	2144.01	-60.33	-13	-47.33	-64.22	-67.93	0.65	10.40	V
	2858.68	-52.14	-13	-39.14	-59.47	-60.67	0.82	11.50	V
	3573.35	-57.74	-13	-44.74	-67.62	-67.34	0.85	12.60	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
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	1398.3	-44.90	-13	-31.90	-49.26	-50.19	0.56	8.00	H
	2097.45	-56.42	-13	-43.42	-60.94	-64.02	0.65	10.40	H
	2796.6	-52.59	-13	-39.59	-59.67	-61.12	0.82	11.50	H
	3495.75	-55.34	-13	-42.34	-64.75	-64.94	0.85	12.60	H
	1398.3	-45.23	-13	-32.23	-49.62	-50.52	0.56	8.00	V
	2097.45	-56.07	-13	-43.07	-59.96	-63.67	0.65	10.40	V
	2796.6	-53.97	-13	-40.97	-61.30	-62.50	0.82	11.50	V
	3495.75	-56.53	-13	-43.53	-66.41	-66.13	0.85	12.60	V
Middle	1412.3	-49.49	-13	-36.49	-53.32	-54.78	0.56	8.00	H
	2118.45	-57.26	-13	-44.26	-61.78	-64.86	0.65	10.40	H
	2824.6	-52.80	-13	-39.80	-59.88	-61.33	0.82	11.50	H
	1412.3	-46.85	-13	-33.85	-51.14	-52.14	0.56	8.00	V
	2118.45	-56.08	-13	-43.08	-59.97	-63.68	0.65	10.40	V
	2824.6	-55.13	-13	-42.13	-62.46	-63.66	0.82	11.50	V
Highest	1426.3	-49.37	-13	-36.37	-53.21	-54.66	0.56	8.00	H
	2139.45	-58.92	-13	-45.92	-63.44	-66.52	0.65	10.40	H
	2852.6	-51.62	-13	-38.62	-58.70	-60.15	0.82	11.50	H
	1426.3	-46.61	-13	-33.61	-50.94	-51.90	0.56	8.00	V
	2139.45	-58.22	-13	-45.22	-62.11	-65.82	0.65	10.40	V
	2852.6	-51.24	-13	-38.24	-58.57	-59.77	0.82	11.50	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1398.5	-45.12	-13	-32.12	-49.46	-50.41	0.56	8.00	H
	2097.75	-56.70	-13	-43.70	-61.22	-64.30	0.65	10.40	H
	2797	-53.55	-13	-40.55	-60.63	-62.08	0.82	11.50	H
	3496.25	-55.65	-13	-42.65	-65.06	-65.25	0.85	12.60	H
	1398.5	-44.67	-13	-31.67	-49.16	-49.96	0.56	8.00	V
	2097.75	-56.45	-13	-43.45	-60.34	-64.05	0.65	10.40	V
	2797	-53.47	-13	-40.47	-60.80	-62.00	0.82	11.50	V
	3496.25	-56.13	-13	-43.13	-66.01	-65.73	0.85	12.60	V
Middle	1410.5	-51.06	-13	-38.06	-54.36	-56.35	0.56	8.00	H
	2115.75	-56.65	-13	-43.65	-61.17	-64.25	0.65	10.40	H
	2821	-54.38	-13	-41.38	-61.46	-62.91	0.82	11.50	H
	1410.5	-47.24	-13	-34.24	-51.50	-52.53	0.56	8.00	V
	2115.75	-55.72	-13	-42.72	-59.61	-63.32	0.65	10.40	V
	2821	-54.36	-13	-41.36	-61.69	-62.89	0.82	11.50	V
Highest	1422.5	-48.45	-13	-35.45	-52.44	-53.74	0.56	8.00	H
	2133.75	-58.62	-13	-45.62	-63.14	-66.22	0.65	10.40	H
	2845	-52.97	-13	-39.97	-60.05	-61.50	0.82	11.50	H
	3556.25	-56.95	-13	-43.95	-66.36	-66.55	0.85	12.60	H
	1422.5	-46.20	-13	-33.20	-50.59	-51.49	0.56	8.00	V
	2133.75	-56.79	-13	-43.79	-60.68	-64.39	0.65	10.40	V
	2845	-54.37	-13	-41.37	-61.70	-62.90	0.82	11.50	V
	3556.25	-56.50	-13	-43.50	-66.38	-66.10	0.85	12.60	V

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



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1399	-45.71	-13	-32.71	-50.07	-51.00	0.56	8.00	H
	2098.5	-57.67	-13	-44.67	-62.19	-65.27	0.65	10.40	H
	2798	-53.26	-13	-40.26	-60.34	-61.79	0.82	11.50	H
	3497.5	-55.05	-13	-42.05	-64.46	-64.65	0.85	12.60	H
	1399	-46.01	-13	-33.01	-50.43	-51.30	0.56	8.00	V
	2098.5	-56.41	-13	-43.41	-60.30	-64.01	0.65	10.40	V
	2798	-54.31	-13	-41.31	-61.64	-62.84	0.82	11.50	V
	3497.5	-55.91	-13	-42.91	-65.79	-65.51	0.85	12.60	V
Middle	1406	-53.16	-13	-40.16	-56.24	-58.45	0.56	8.00	H
	2109	-57.75	-13	-44.75	-62.27	-65.35	0.65	10.40	H
	2812	-52.82	-13	-39.82	-59.90	-61.35	0.82	11.50	H
	1406	-47.68	-13	-34.68	-51.93	-52.97	0.56	8.00	V
	2109	-56.68	-13	-43.68	-60.57	-64.28	0.65	10.40	V
	2812	-53.22	-13	-40.22	-60.55	-61.75	0.82	11.50	V
Highest	1413	-49.00	-13	-36.00	-52.84	-54.29	0.56	8.00	H
	2119.5	-55.89	-13	-42.89	-60.41	-63.49	0.65	10.40	H
	2826	-53.16	-13	-40.16	-60.24	-61.69	0.82	11.50	H
	1413	-46.73	-13	-33.73	-51.04	-52.02	0.56	8.00	V
	2119.5	-55.14	-13	-42.14	-59.03	-62.74	0.65	10.40	V
	2826	-53.81	-13	-40.81	-61.14	-62.34	0.82	11.50	V

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



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1408.5	-44.96	-13	-31.96	-49.30	-50.25	0.56	8.00	H
	2112.75	-53.04	-13	-40.04	-57.56	-60.64	0.65	10.40	H
	2817	-50.75	-13	-37.75	-57.83	-59.28	0.82	11.50	H
	3521.25	-56.16	-13	-43.16	-65.57	-65.76	0.85	12.60	H
	1408.5	-42.96	-13	-29.96	-47.85	-48.25	0.56	8.00	V
	2112.75	-52.15	-13	-39.15	-56.34	-59.75	0.65	10.40	V
	2817	-51.92	-13	-38.92	-59.25	-60.45	0.82	11.50	V
	3521.25	-52.49	-13	-39.49	-62.37	-62.09	0.85	12.60	V
Middle	1415.5	-40.10	-13	-27.10	-44.90	-45.39	0.56	8.00	H
	2123.25	-55.20	-13	-42.20	-59.72	-62.80	0.65	10.40	H
	2831	-50.89	-13	-37.89	-57.97	-59.42	0.82	11.50	H
	3538.75	-57.29	-13	-44.29	-66.70	-66.89	0.85	12.60	H
	1415.5	-40.44	-13	-27.44	-45.77	-45.73	0.56	8.00	V
	2123.25	-53.45	-13	-40.45	-57.34	-61.05	0.65	10.40	V
	2831	-50.74	-13	-37.74	-58.07	-59.27	0.82	11.50	V
	3538.75	-54.78	-13	-41.78	-64.66	-64.38	0.85	12.60	V
Highest	1422.5	-41.30	-13	-28.30	-46.01	-46.59	0.56	8.00	H
	2133.75	-55.58	-13	-42.58	-60.10	-63.18	0.65	10.40	H
	2845	-51.17	-13	-38.17	-58.25	-59.70	0.82	11.50	H
	3556.25	-56.28	-13	-43.28	-65.69	-65.88	0.85	12.60	H
	1422.5	-38.49	-13	-25.49	-43.93	-43.78	0.56	8.00	V
	2133.75	-54.90	-13	-41.90	-58.79	-62.50	0.65	10.40	V
	2845	-53.52	-13	-40.52	-60.85	-62.05	0.82	11.50	V
	3556.25	-54.67	-13	-41.67	-64.55	-64.27	0.85	12.60	V

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



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1409	-45.63	-13	-32.63	-49.98	-50.92	0.56	8.00	H
	2113.5	-52.96	-13	-39.96	-57.48	-60.56	0.65	10.40	H
	2818	-49.90	-13	-36.90	-56.98	-58.43	0.82	11.50	H
	3522.5	-54.63	-13	-41.63	-64.04	-64.23	0.85	12.60	H
	1409	-42.14	-13	-29.14	-47.25	-47.43	0.56	8.00	V
	2113.5	-51.53	-13	-38.53	-55.97	-59.13	0.65	10.40	V
	2818	-53.07	-13	-40.07	-60.40	-61.60	0.82	11.50	V
	3522.5	-54.53	-13	-41.53	-64.41	-64.13	0.85	12.60	V
Middle	1411	-43.56	-13	-30.56	-48.12	-48.85	0.56	8.00	H
	2116.5	-53.95	-13	-40.95	-58.47	-61.55	0.65	10.40	H
	2822	-51.09	-13	-38.09	-58.17	-59.62	0.82	11.50	H
	3527.5	-54.83	-13	-41.83	-64.24	-64.43	0.85	12.60	H
	1411	-43.42	-13	-30.42	-48.23	-48.71	0.56	8.00	V
	2116.5	-50.63	-13	-37.63	-55.38	-58.23	0.65	10.40	V
	2822	-53.35	-13	-40.35	-60.68	-61.88	0.82	11.50	V
	3527.5	-54.97	-13	-41.97	-64.85	-64.57	0.85	12.60	V
Highest	1413	-42.10	-13	-29.10	-46.91	-47.39	0.56	8.00	H
	2119.5	-56.13	-13	-43.13	-60.65	-63.73	0.65	10.40	H
	2826	-54.28	-13	-41.28	-61.36	-62.81	0.82	11.50	H
	3532.5	-56.08	-13	-43.08	-65.49	-65.68	0.85	12.60	H
	1413	-41.61	-13	-28.61	-46.81	-46.90	0.56	8.00	V
	2119.5	-47.44	-13	-34.44	-53.29	-55.04	0.65	10.40	V
	2826	-53.11	-13	-40.11	-60.44	-61.64	0.82	11.50	V
	3532.5	-54.72	-13	-41.72	-64.60	-64.32	0.85	12.60	V

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