



LTE Band 41 / 20MHz (Average) (GT - LC = -2.19 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	24.24	0.2655	22.05	0.1603
Middle		1	99	24.17	0.2612	21.98	0.1578
Highest		1	99	24.31	0.2698	22.12	0.1629
Lowest	16QAM	1	49	23.24	0.2109	21.05	0.1274
Middle		1	49	23.32	0.2148	21.13	0.1297
Highest		1	49	23.45	0.2213	21.26	0.1337
Lowest	64QAM	1	49	22.00	0.1585	19.81	0.0957
Middle		1	49	21.99	0.1581	19.80	0.0955
Highest		1	49	22.18	0.1652	19.99	0.0998
Limit	EIRP < 2W			Result		PASS	



**Radiated Spurious Emission**

**LTE Band 4**

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	3440	-53.82	-13	-40.82	-70.33	-64.83	1.35	12.36	H
	5160	-49.42	-13	-36.42	-71.17	-60.59	1.65	12.82	H
	6880	-44.62	-13	-31.62	-70.3	-54.95	1.74	12.07	H
									H
									H
									H
	3440	-49.06	-13	-36.06	-65.97	-60.07	1.35	12.36	V
	5160	-49.71	-13	-36.71	-71.25	-60.88	1.65	12.82	V
	6880	-44.78	-13	-31.78	-70.04	-55.11	1.74	12.07	V
									V
									V
									V
Middle	3465	-53.60	-13	-40.60	-70.35	-64.66	1.35	12.42	H
	5197	-49.59	-13	-36.59	-71.36	-60.80	1.66	12.88	H
	6930	-44.26	-13	-31.26	-70.19	-54.53	1.73	12.00	H
									H
									H
									H
	3465	-48.55	-13	-35.55	-65.69	-59.61	1.35	12.42	V
	5197	-49.31	-13	-36.31	-70.91	-60.52	1.66	12.88	V
	6930	-44.64	-13	-31.64	-70.12	-54.91	1.73	12.00	V
									V
									V
									V



Highest	3490	-53.33	-13	-40.33	-70.31	-64.45	1.36	12.48	H
	5235	-49.00	-13	-36.00	-70.9	-60.26	1.67	12.93	H
	6980	-43.51	-13	-30.51	-69.69	-53.72	1.72	11.93	H
									H
									H
									H
									H
	3490	-50.11	-13	-37.11	-67.46	-61.23	1.36	12.48	V
	5235	-49.35	-13	-36.35	-71.04	-60.61	1.67	12.93	V
	6980	-43.84	-13	-30.84	-69.53	-54.05	1.72	11.93	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 / 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	5128	-49.65	-25	-24.65	-71.37	-60.79	1.64	12.78	H
	7692	-44.68	-25	-19.68	-70.73	-53.80	2.02	11.14	H
	10256	-40.57	-25	-15.57	-70.47	-49.27	2.39	11.10	H
									H
									H
									H
	5128	-50.13	-25	-25.13	-71.59	-61.27	1.64	12.78	V
	7692	-44.91	-25	-19.91	-70.79	-54.03	2.02	11.14	V
	10256	-40.58	-25	-15.58	-70.72	-49.28	2.39	11.10	V
									V
									V
									V
Middle	5218	-49.35	-25	-24.35	-71.18	-60.59	1.67	12.91	H
	7827	-44.22	-25	-19.22	-70.46	-53.35	2.04	11.17	H
	10436	-39.85	-25	-14.85	-70.46	-48.41	2.39	10.95	H
									H
									H
									H
	5218	-49.84	-25	-24.84	-71.49	-61.08	1.67	12.91	V
	7827	-45.11	-25	-20.11	-71.07	-54.24	2.04	11.17	V
	10436	-39.73	-25	-14.73	-70.19	-48.29	2.39	10.95	V
									V
									V
									V



Highest	5310	-48.51	-25	-23.51	-70.69	-59.85	1.69	13.03	H
	7962	-43.88	-25	-18.88	-71.07	-53.02	2.05	11.19	H
	10620	-39.47	-25	-14.47	-70.7	-47.92	2.45	10.90	H
									H
									H
									H
									H
	5310	-49.15	-25	-24.15	-71.03	-60.49	1.69	13.03	V
	7962	-44.39	-25	-19.39	-71.4	-53.53	2.05	11.19	V
	10620	-40.07	-25	-15.07	-71.04	-48.52	2.45	10.90	V
									V
									V
									V
									V

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