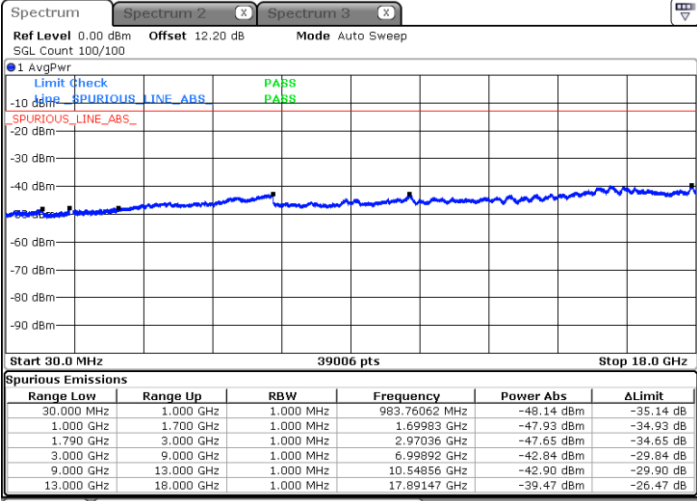




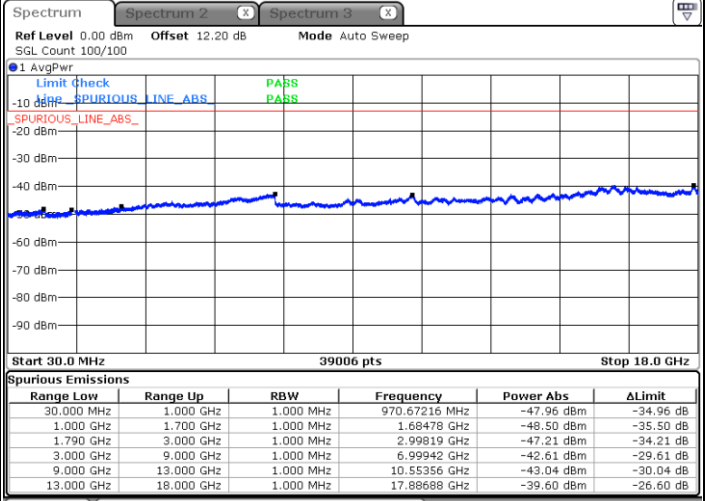
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

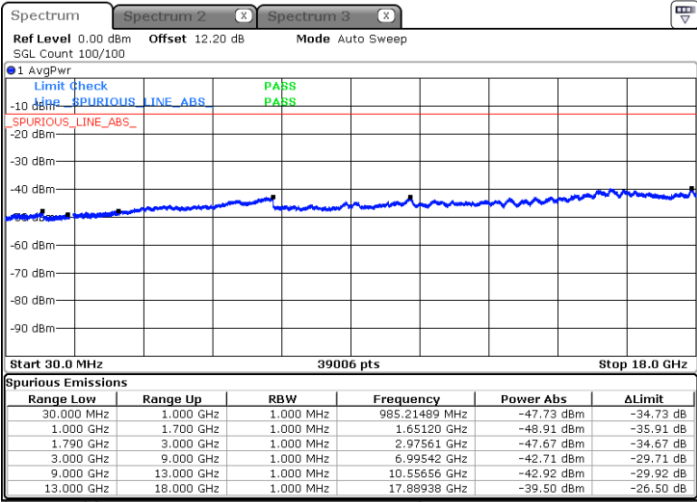


Date: 24 SEP.2020 01:19:15



Date: 24 SEP.2020 01:20:21

Highest Channel / 64QAM



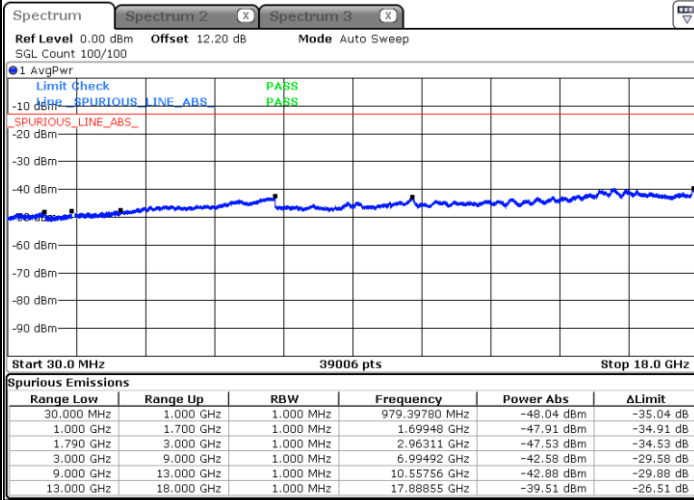
Date: 24 SEP.2020 01:22:48



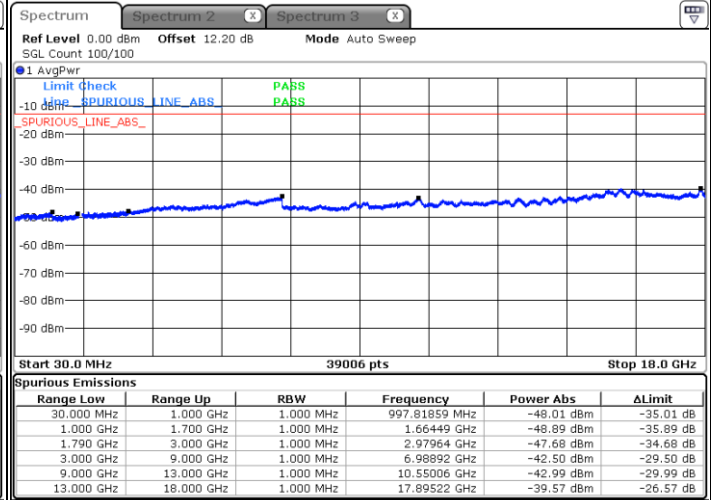
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

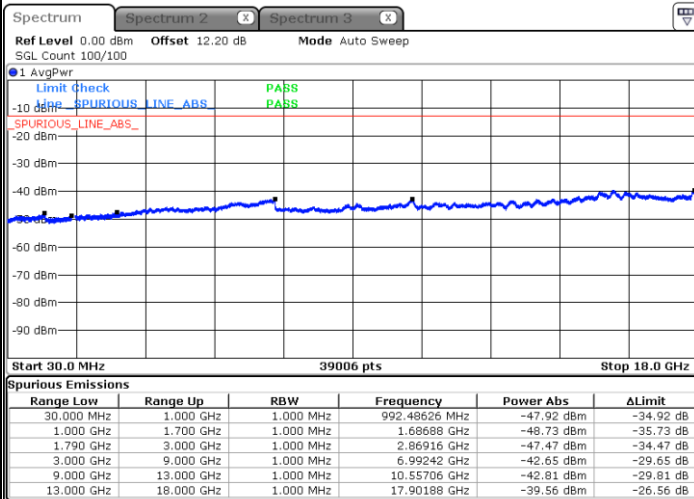


Date: 24 SEP.2020 01:25:16



Date: 24 SEP.2020 01:26:22

Highest Channel / 64QAM



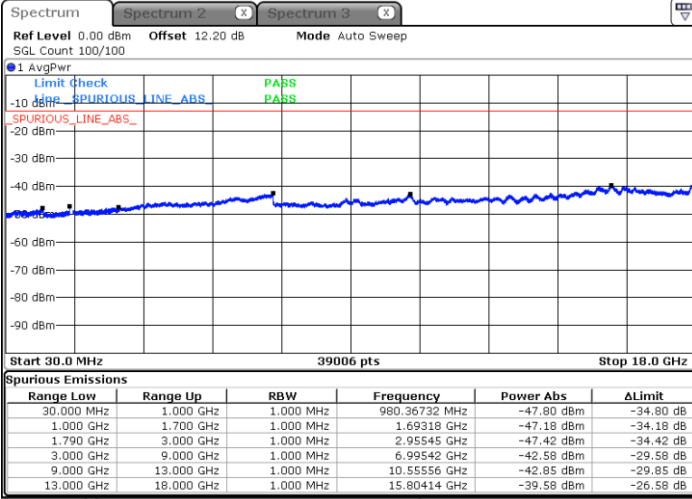
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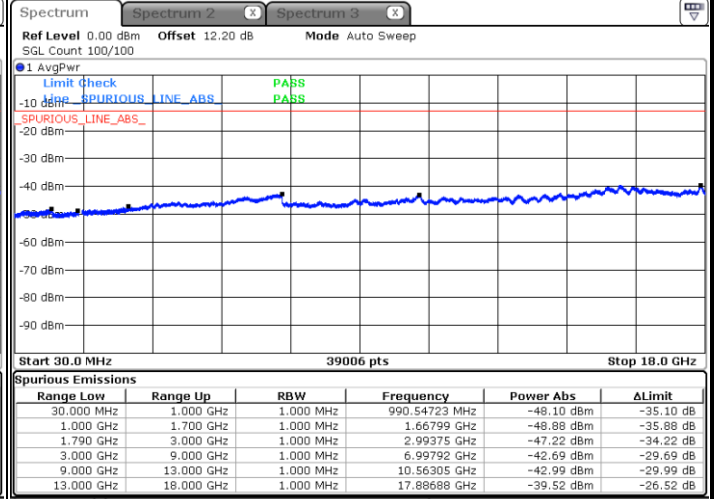
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

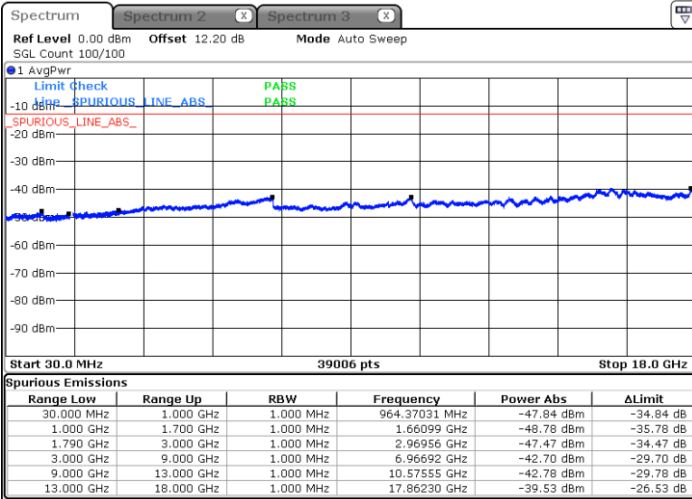


Date: 24 SEP.2020 01:55:22



Date: 24 SEP.2020 01:56:28

Highest Channel / 64QAM



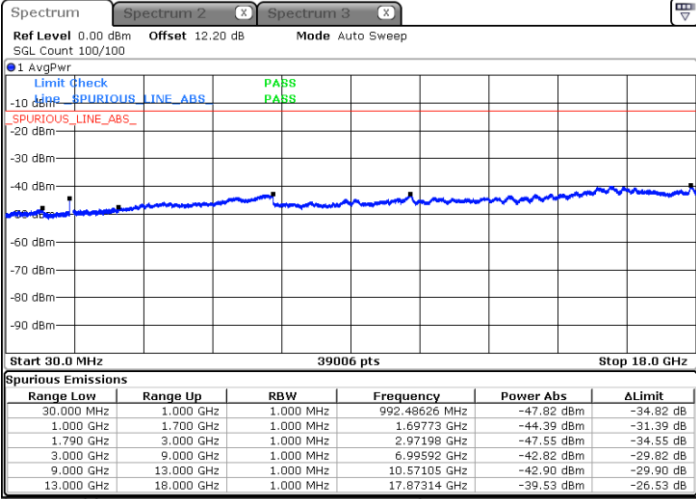
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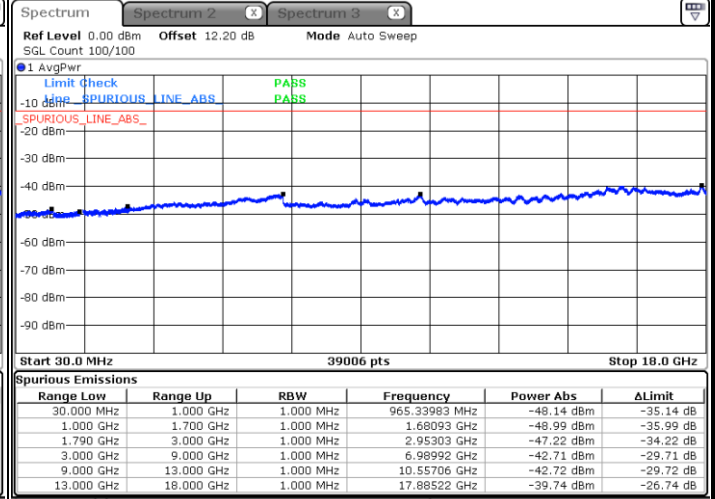
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

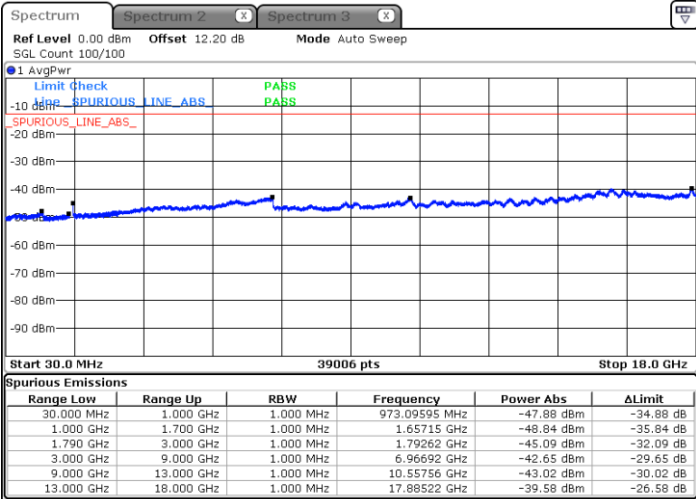


Date: 24 SEP.2020 20:05:37



Date: 24 SEP.2020 20:06:43

Highest Channel / 64QAM



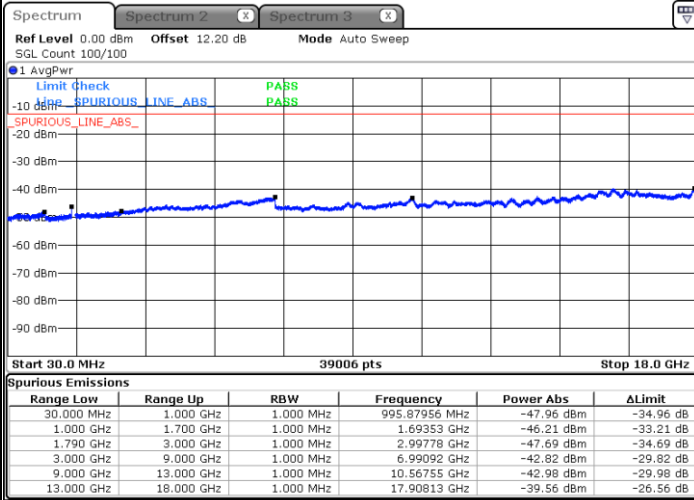
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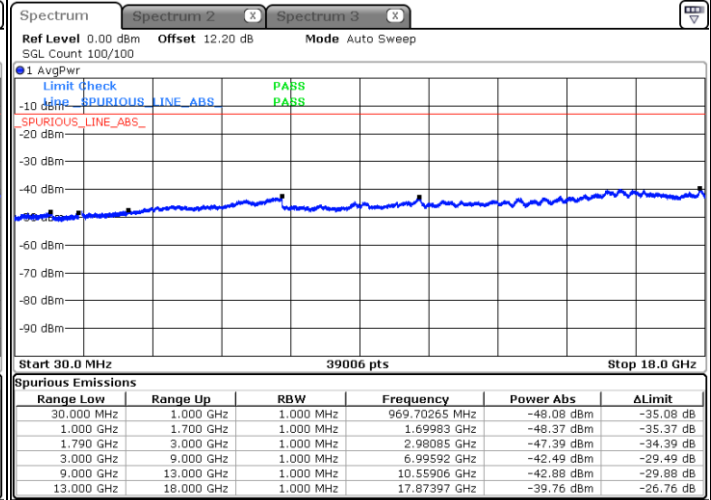
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

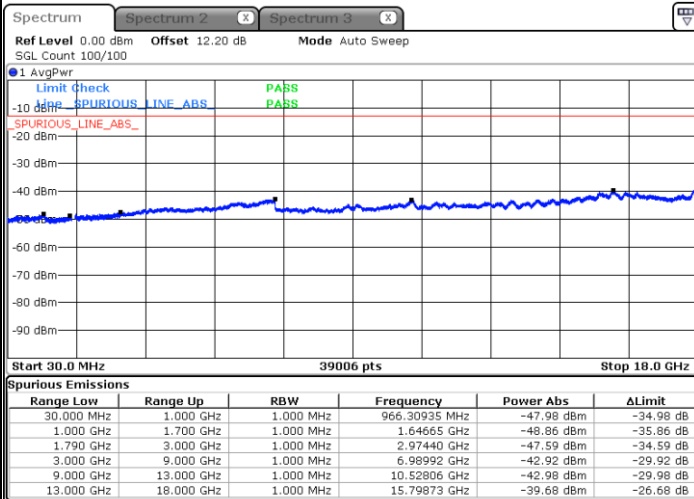


Date: 24 SEP.2020 20:35:41



Date: 24 SEP.2020 20:36:47

Highest Channel / 64QAM



Date: 24 SEP.2020 20:39:14



**Frequency Stability**

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0058	
-20	Normal Voltage	0.0065	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0062	

**Note:**

- 1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.39 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of ERP/EIRP and Radiated Test

### ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.81	0.2404	27.87	0.6124
Middle		1	3	23.96	0.2489	28.02	0.6339
Highest		1	3	23.73	0.2360	27.79	0.6012
Lowest	16QAM	3	3	23.27	0.2123	27.33	0.5408
Middle		3	3	23.41	0.2193	27.47	0.5585
Highest		3	3	22.94	0.1968	27.00	0.5012
Lowest	64QAM	3	1	22.23	0.1671	26.29	0.4256
Middle		3	1	22.30	0.1698	26.36	0.4325
Highest		3	1	22.01	0.1589	26.07	0.4046
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.04	0.2535	28.10	0.6457
Middle		1	0	24.30	0.2692	28.36	0.6855
Highest		1	0	23.78	0.2388	27.84	0.6081
Lowest	16QAM	1	0	22.85	0.1928	26.91	0.4909
Middle		1	0	23.19	0.2084	27.25	0.5309
Highest		1	0	22.50	0.1778	26.56	0.4529
Lowest	64QAM	1	8	21.75	0.1496	25.81	0.3811
Middle		1	8	22.10	0.1622	26.16	0.4130
Highest		1	8	21.68	0.1472	25.74	0.3750
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.03	0.2529	28.09	0.6442
Middle		1	0	24.31	0.2698	28.37	0.6871
Highest		1	0	23.77	0.2382	27.83	0.6067
Lowest	16QAM	1	0	22.90	0.1950	26.96	0.4966
Middle		1	0	23.18	0.2080	27.24	0.5297
Highest		1	0	22.51	0.1782	26.57	0.4539
Lowest	64QAM	1	0	21.99	0.1581	26.05	0.4027
Middle		1	0	22.11	0.1626	26.17	0.4140
Highest		1	0	21.64	0.1459	25.70	0.3715
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.09	0.2564	28.15	0.6531
Middle		1	0	24.38	0.2742	28.44	0.6982
Highest		1	0	23.84	0.2421	27.90	0.6166
Lowest	16QAM	1	0	22.94	0.1968	27.00	0.5012
Middle		1	0	23.16	0.2070	27.22	0.5272
Highest		1	0	22.58	0.1811	26.64	0.4613
Lowest	64QAM	1	0	22.06	0.1607	26.12	0.4093
Middle		1	0	22.17	0.1648	26.23	0.4198
Highest		1	0	21.69	0.1476	25.75	0.3758
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.06	0.2547	28.12	0.6486
Middle		1	0	24.39	0.2748	28.45	0.6998
Highest		1	0	23.81	0.2404	27.87	0.6124
Lowest	16QAM	1	0	23.01	0.2000	27.07	0.5093
Middle		1	0	23.16	0.2070	27.22	0.5272
Highest		1	0	22.57	0.1807	26.63	0.4603
Lowest	64QAM	1	0	22.04	0.1600	26.10	0.4074
Middle		1	0	22.21	0.1663	26.27	0.4236
Highest		1	0	21.69	0.1476	25.75	0.3758
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.10	0.2570	28.16	0.6546
Middle		1	0	24.45	0.2786	28.51	0.7096
Highest		1	0	23.88	0.2443	27.94	0.6223
Lowest	16QAM	1	0	23.01	0.2000	27.07	0.5093
Middle		1	0	23.23	0.2104	27.29	0.5358
Highest		1	0	22.62	0.1828	26.68	0.4656
Lowest	64QAM	1	49	21.84	0.1528	25.90	0.3890
Middle		1	49	22.21	0.1663	26.27	0.4236
Highest		1	49	21.75	0.1496	25.81	0.3811
Limit	EIRP < 2W			Result		PASS	





LTE Band 25 / 1.4MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.35	0.2163	27.41	0.5508
Middle		1	0	23.46	0.2218	27.52	0.5649
Highest		1	0	23.16	0.2070	27.22	0.5272
Lowest	16QAM	1	3	22.96	0.1977	27.02	0.5035
Middle		1	3	22.74	0.1879	26.80	0.4786
Highest		1	3	22.59	0.1816	26.65	0.4624
Lowest	64QAM	3	1	21.80	0.1514	25.86	0.3855
Middle		3	1	21.83	0.1524	25.89	0.3882
Highest		3	1	21.61	0.1449	25.67	0.3690
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.39	0.2183	27.45	0.5559
Middle		1	0	22.83	0.1919	26.89	0.4887
Highest		1	0	22.70	0.1862	26.76	0.4742
Lowest	16QAM	1	0	22.28	0.1690	26.34	0.4305
Middle		1	0	21.66	0.1466	25.72	0.3733
Highest		1	0	21.58	0.1439	25.64	0.3664
Lowest	64QAM	1	0	21.23	0.1327	25.29	0.3381
Middle		1	0	20.75	0.1189	24.81	0.3027
Highest		1	0	20.46	0.1112	24.52	0.2831
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.42	0.2198	27.48	0.5598
Middle		1	0	22.82	0.1914	26.88	0.4875
Highest		1	0	22.68	0.1854	26.74	0.4721
Lowest	16QAM	1	0	22.28	0.1690	26.34	0.4305
Middle		1	0	21.65	0.1462	25.71	0.3724
Highest		1	0	21.62	0.1452	25.68	0.3698
Lowest	64QAM	1	0	21.21	0.1321	25.27	0.3365
Middle		1	0	20.79	0.1199	24.85	0.3055
Highest		1	0	20.53	0.1130	24.59	0.2877
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.40	0.2188	27.46	0.5572
Middle		1	0	22.89	0.1945	26.95	0.4955
Highest		1	0	22.75	0.1884	26.81	0.4797
Lowest	16QAM	1	0	22.28	0.1690	26.34	0.4305
Middle		1	0	21.70	0.1479	25.76	0.3767
Highest		1	0	21.68	0.1472	25.74	0.3750
Lowest	64QAM	1	0	21.27	0.1340	25.33	0.3412
Middle		1	0	20.85	0.1216	24.91	0.3097
Highest		1	0	20.58	0.1143	24.64	0.2911
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.49	0.2234	27.55	0.5689
Middle		1	0	22.96	0.1977	27.02	0.5035
Highest		1	0	22.80	0.1905	26.86	0.4853
Lowest	16QAM	1	0	22.34	0.1714	26.40	0.4365
Middle		1	0	21.74	0.1493	25.80	0.3802
Highest		1	0	21.67	0.1469	25.73	0.3741
Lowest	64QAM	1	0	21.34	0.1361	25.40	0.3467
Middle		1	0	20.83	0.1211	24.89	0.3083
Highest		1	0	20.58	0.1143	24.64	0.2911
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 4.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.52	0.2249	27.58	0.5728
Middle		1	0	23.03	0.2009	27.09	0.5117
Highest		1	0	22.84	0.1923	26.90	0.4898
Lowest	16QAM	1	0	22.33	0.1710	26.39	0.4355
Middle		1	0	21.75	0.1496	25.81	0.3811
Highest		1	0	21.66	0.1466	25.72	0.3733
Lowest	64QAM	1	0	21.35	0.1365	25.41	0.3475
Middle		1	0	20.84	0.1213	24.90	0.3090
Highest		1	0	20.61	0.1151	24.67	0.2931
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.76	0.2377	27.32	0.5395
Middle		1	3	23.92	0.2466	27.48	0.5598
Highest		1	3	23.74	0.2366	27.30	0.5370
Lowest	16QAM	3	3	23.28	0.2128	26.84	0.4831
Middle		3	3	23.43	0.2203	26.99	0.5000
Highest		3	3	22.93	0.1963	26.49	0.4457
Lowest	64QAM	3	1	22.21	0.1663	25.77	0.3776
Middle		3	1	22.23	0.1671	25.79	0.3793
Highest		3	1	22.03	0.1596	25.59	0.3622
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.22	0.2642	27.78	0.5998
Middle		1	0	24.25	0.2661	27.81	0.6039
Highest		1	0	24.30	0.2692	27.86	0.6109
Lowest	16QAM	1	0	23.05	0.2018	26.61	0.4581
Middle		1	0	23.28	0.2128	26.84	0.4831
Highest		1	0	22.97	0.1982	26.53	0.4498
Lowest	64QAM	1	8	22.13	0.1633	25.69	0.3707
Middle		1	8	22.09	0.1618	25.65	0.3673
Highest		1	8	22.08	0.1614	25.64	0.3664
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.22	0.2642	27.78	0.5998
Middle		1	0	24.28	0.2679	27.84	0.6081
Highest		1	0	24.31	0.2698	27.87	0.6124
Lowest	16QAM	1	0	23.12	0.2051	26.68	0.4656
Middle		1	0	23.25	0.2113	26.81	0.4797
Highest		1	0	22.94	0.1968	26.50	0.4467
Lowest	64QAM	1	0	21.99	0.1581	25.55	0.3589
Middle		1	0	22.13	0.1633	25.69	0.3707
Highest		1	0	22.15	0.1641	25.71	0.3724
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.27	0.2673	27.83	0.6067
Middle		1	0	24.36	0.2729	27.92	0.6194
Highest		1	0	24.31	0.2698	27.87	0.6124
Lowest	16QAM	1	0	23.11	0.2046	26.67	0.4645
Middle		1	0	23.27	0.2123	26.83	0.4819
Highest		1	0	22.98	0.1986	26.54	0.4508
Lowest	64QAM	1	25	22.09	0.1618	25.65	0.3673
Middle		1	25	22.19	0.1656	25.75	0.3758
Highest		1	25	22.17	0.1648	25.73	0.3741
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.34	0.2716	27.90	0.6166
Middle		1	0	24.38	0.2742	27.94	0.6223
Highest		1	0	24.33	0.2710	27.89	0.6152
Lowest	16QAM	1	0	23.16	0.2070	26.72	0.4699
Middle		1	0	23.26	0.2118	26.82	0.4808
Highest		1	0	23.01	0.2000	26.57	0.4539
Lowest	64QAM	1	37	22.13	0.1633	25.69	0.3707
Middle		1	37	22.22	0.1667	25.78	0.3784
Highest		1	37	22.17	0.1648	25.73	0.3741
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.36	0.2729	27.92	0.6194
Middle		1	0	24.39	0.2748	27.95	0.6237
Highest		1	0	24.35	0.2723	27.91	0.6180
Lowest	16QAM	1	0	23.20	0.2089	26.76	0.4742
Middle		1	0	23.29	0.2133	26.85	0.4842
Highest		1	0	23.07	0.2028	26.63	0.4603
Lowest	64QAM	1	49	22.19	0.1656	25.75	0.3758
Middle		1	49	22.19	0.1656	25.75	0.3758
Highest		1	49	22.23	0.1671	25.79	0.3793
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.78	0.2388	21.75	0.1496
Middle		1	0	23.93	0.2472	21.90	0.1549
Highest		1	0	23.72	0.2355	21.69	0.1476
Lowest	16QAM	1	3	23.36	0.2168	21.33	0.1358
Middle		1	3	23.11	0.2046	21.08	0.1282
Highest		1	3	23.07	0.2028	21.04	0.1271
Lowest	64QAM	3	1	22.29	0.1694	20.26	0.1062
Middle		3	1	22.35	0.1718	20.32	0.1076
Highest		3	1	21.94	0.1563	19.91	0.0979
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.22	0.3327	23.19	0.2084
Middle		1	0	25.27	0.3365	23.24	0.2109
Highest		1	0	25.10	0.3236	23.07	0.2028
Lowest	16QAM	1	0	24.06	0.2547	22.03	0.1596
Middle		1	0	24.13	0.2588	22.10	0.1622
Highest		1	0	23.90	0.2455	21.87	0.1538
Lowest	64QAM	1	0	23.22	0.2099	21.19	0.1315
Middle		1	0	23.09	0.2037	21.06	0.1276
Highest		1	0	22.88	0.1941	20.85	0.1216
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.26	0.3357	23.23	0.2104
Middle		1	0	25.32	0.3404	23.29	0.2133
Highest		1	0	25.15	0.3273	23.12	0.2051
Lowest	16QAM	1	0	24.07	0.2553	22.04	0.1600
Middle		1	0	24.15	0.2600	22.12	0.1629
Highest		1	0	23.88	0.2443	21.85	0.1531
Lowest	64QAM	1	0	23.24	0.2109	21.21	0.1321
Middle		1	0	23.09	0.2037	21.06	0.1276
Highest		1	0	22.91	0.1954	20.88	0.1225
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.31	0.3396	23.28	0.2128
Middle		1	0	25.34	0.3420	23.31	0.2143
Highest		1	0	25.15	0.3273	23.12	0.2051
Lowest	16QAM	1	0	24.06	0.2547	22.03	0.1596
Middle		1	0	24.21	0.2636	22.18	0.1652
Highest		1	0	23.86	0.2432	21.83	0.1524
Lowest	64QAM	1	0	23.22	0.2099	21.19	0.1315
Middle		1	0	23.14	0.2061	21.11	0.1291
Highest		1	0	22.98	0.1986	20.95	0.1245
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.28	0.2679	26.64	0.4613
Middle		1	0	24.15	0.2600	26.51	0.4477
Highest		1	0	23.97	0.2495	26.33	0.4295
Lowest	16QAM	1	0	23.06	0.2023	25.42	0.3483
Middle		1	0	22.88	0.1941	25.24	0.3342
Highest		1	0	22.83	0.1919	25.19	0.3304
Lowest	64QAM	1	0	22.17	0.1648	24.53	0.2838
Middle		1	0	21.97	0.1574	24.33	0.2710
Highest		1	0	21.81	0.1517	24.17	0.2612
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.28	0.2679	26.64	0.4613
Middle		1	0	24.14	0.2594	26.50	0.4467
Highest		1	0	23.95	0.2483	26.31	0.4276
Lowest	16QAM	1	0	23.11	0.2046	25.47	0.3524
Middle		1	0	22.89	0.1945	25.25	0.3350
Highest		1	0	22.87	0.1936	25.23	0.3334
Lowest	64QAM	1	0	22.18	0.1652	24.54	0.2844
Middle		1	0	22.01	0.1589	24.37	0.2735
Highest		1	0	21.83	0.1524	24.19	0.2624
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.27	0.2673	26.63	0.4603
Middle		1	0	24.15	0.2600	26.51	0.4477
Highest		1	0	24.02	0.2523	26.38	0.4345
Lowest	16QAM	1	0	23.08	0.2032	25.44	0.3499
Middle		1	0	22.91	0.1954	25.27	0.3365
Highest		1	0	22.90	0.1950	25.26	0.3357
Lowest	64QAM	1	0	22.18	0.1652	24.54	0.2844
Middle		1	0	22.04	0.1600	24.40	0.2754
Highest		1	0	21.84	0.1528	24.20	0.2630
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.33	0.2710	26.69	0.4667
Middle		1	0	24.20	0.2630	26.56	0.4529
Highest		1	0	24.05	0.2541	26.41	0.4375
Lowest	16QAM	1	0	23.07	0.2028	25.43	0.3491
Middle		1	0	22.97	0.1982	25.33	0.3412
Highest		1	0	22.90	0.1950	25.26	0.3357
Lowest	64QAM	1	0	22.17	0.1648	24.53	0.2838
Middle		1	0	22.02	0.1592	24.38	0.2742
Highest		1	0	21.83	0.1524	24.19	0.2624
Limit	EIRP < 2W			Result		PASS	





LTE Band 12 / 1.4MHz (Average) (GT - LC = 0.17 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.82	0.2410	21.84	0.1528
Middle		1	0	23.92	0.2466	21.94	0.1563
Highest		1	0	23.77	0.2382	21.79	0.1510
Lowest	16QAM	3	3	23.22	0.2099	21.24	0.1330
Middle		3	3	23.32	0.2148	21.34	0.1361
Highest		3	3	22.95	0.1972	20.97	0.1250
Lowest	64QAM	1	5	22.26	0.1683	20.28	0.1067
Middle		1	5	22.14	0.1637	20.16	0.1038
Highest		1	5	22.08	0.1614	20.10	0.1023
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 0.17 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	25.18	0.3296	23.20	0.2089
Middle		1	14	24.90	0.3090	22.92	0.1959
Highest		1	14	25.03	0.3184	23.05	0.2018
Lowest	16QAM	1	0	24.02	0.2523	22.04	0.1600
Middle		1	0	23.83	0.2415	21.85	0.1531
Highest		1	0	23.83	0.2415	21.85	0.1531
Lowest	64QAM	1	0	23.02	0.2004	21.04	0.1271
Middle		1	0	22.95	0.1972	20.97	0.1250
Highest		1	0	23.00	0.1995	21.02	0.1265
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 0.17 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.09	0.3228	23.11	0.2046
Middle		1	0	25.13	0.3258	23.15	0.2065
Highest		1	0	25.18	0.3296	23.20	0.2089
Lowest	16QAM	1	0	24.01	0.2518	22.03	0.1596
Middle		1	0	23.90	0.2455	21.92	0.1556
Highest		1	0	23.81	0.2404	21.83	0.1524
Lowest	64QAM	1	0	23.05	0.2018	21.07	0.1279
Middle		1	0	22.95	0.1972	20.97	0.1250
Highest		1	0	23.07	0.2028	21.09	0.1285
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 0.17 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.18	0.3296	23.20	0.2089
Middle		1	0	25.14	0.3266	23.16	0.2070
Highest		1	0	25.19	0.3304	23.21	0.2094
Lowest	16QAM	1	0	24.03	0.2529	22.05	0.1603
Middle		1	0	23.87	0.2438	21.89	0.1545
Highest		1	0	23.87	0.2438	21.89	0.1545
Lowest	64QAM	1	0	23.06	0.2023	21.08	0.1282
Middle		1	0	22.97	0.1982	20.99	0.1256
Highest		1	0	23.09	0.2037	21.11	0.1291
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = 0.44 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.63	0.2904	22.92	0.1959
Middle		1	0	24.60	0.2884	22.89	0.1945
Highest		1	0	24.60	0.2884	22.89	0.1945
Lowest	16QAM	1	0	23.37	0.2173	21.66	0.1466
Middle		1	0	23.42	0.2198	21.71	0.1483
Highest		1	0	23.44	0.2208	21.73	0.1489
Lowest	64QAM	1	0	22.46	0.1762	20.75	0.1189
Middle		1	0	22.49	0.1774	20.78	0.1197
Highest		1	0	22.43	0.1750	20.72	0.1180
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = 0.44 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.64	0.2911	22.93	0.1963
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	23.45	0.2213	21.74	0.1493
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	0	22.47	0.1766	20.76	0.1191
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = 0.15 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.22	0.3327	23.22	0.2099
Middle		1	0	25.18	0.3296	23.18	0.2080
Highest		1	0	25.28	0.3373	23.28	0.2128
Lowest	16QAM	1	0	23.87	0.2438	21.87	0.1538
Middle		1	0	23.93	0.2472	21.93	0.1560
Highest		1	0	24.07	0.2553	22.07	0.1611
Lowest	64QAM	1	0	22.97	0.1982	20.97	0.1250
Middle		1	0	23.09	0.2037	21.09	0.1285
Highest		1	0	23.07	0.2028	21.07	0.1279
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = 0.15 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.19	0.3304	23.19	0.2084
Middle		1	0	25.20	0.3311	23.20	0.2089
Highest		1	0	25.30	0.3388	23.30	0.2138
Lowest	16QAM	1	0	23.93	0.2472	21.93	0.1560
Middle		1	0	23.99	0.2506	21.99	0.1581
Highest		1	0	24.06	0.2547	22.06	0.1607
Lowest	64QAM	1	0	23.03	0.2009	21.03	0.1268
Middle		1	0	23.09	0.2037	21.09	0.1285
Highest		1	0	23.14	0.2061	21.14	0.1300
Limit	ERP < 3W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	23.81	0.2404	21.78	0.1507
Middle		1	3	23.99	0.2506	21.96	0.1570
Highest		1	3	23.71	0.2350	21.68	0.1472
Lowest	16QAM	3	3	23.23	0.2104	21.20	0.1318
Middle		3	3	23.41	0.2193	21.38	0.1374
Highest		3	3	22.93	0.1963	20.90	0.1230
Lowest	64QAM	3	1	22.23	0.1671	20.20	0.1047
Middle		3	1	22.25	0.1679	20.22	0.1052
Highest		3	1	22.01	0.1589	19.98	0.0995
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.07	0.3214	23.04	0.2014
Middle		1	0	25.22	0.3327	23.19	0.2084
Highest		1	0	25.18	0.3296	23.15	0.2065
Lowest	16QAM	1	0	23.82	0.2410	21.79	0.1510
Middle		1	0	24.06	0.2547	22.03	0.1596
Highest		1	0	23.96	0.2489	21.93	0.1560
Lowest	64QAM	1	0	22.95	0.1972	20.92	0.1236
Middle		1	0	22.94	0.1968	20.91	0.1233
Highest		1	0	23.11	0.2046	21.08	0.1282
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.11	0.3243	23.08	0.2032
Middle		1	0	25.20	0.3311	23.17	0.2075
Highest		1	0	25.21	0.3319	23.18	0.2080
Lowest	16QAM	1	0	23.79	0.2393	21.76	0.1500
Middle		1	0	24.09	0.2564	22.06	0.1607
Highest		1	0	24.03	0.2529	22.00	0.1585
Lowest	64QAM	1	0	22.93	0.1963	20.90	0.1230
Middle		1	0	23.00	0.1995	20.97	0.1250
Highest		1	0	23.16	0.2070	21.13	0.1297
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.14	0.3266	23.11	0.2046
Middle		1	0	25.26	0.3357	23.23	0.2104
Highest		1	0	25.23	0.3334	23.20	0.2089
Lowest	16QAM	1	0	23.84	0.2421	21.81	0.1517
Middle		1	0	24.10	0.2570	22.07	0.1611
Highest		1	0	24.02	0.2523	21.99	0.1581
Lowest	64QAM	1	0	22.99	0.1991	20.96	0.1247
Middle		1	0	23.03	0.2009	21.00	0.1259
Highest		1	0	23.13	0.2056	21.10	0.1288
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 0.12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	25.15	0.3273	23.12	0.2051
Middle		1	0	25.27	0.3365	23.24	0.2109
Highest		1	0	25.25	0.3350	23.22	0.2099
Lowest	16QAM	1	0	23.86	0.2432	21.83	0.1524
Middle		1	0	24.11	0.2576	22.08	0.1614
Highest		1	0	24.04	0.2535	22.01	0.1589
Lowest	64QAM	1	0	23.02	0.2004	20.99	0.1256
Middle		1	0	23.05	0.2018	21.02	0.1265
Highest		1	0	23.13	0.2056	21.10	0.1288
Limit	ERP < 7W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.83	0.2415	27.39	0.5483
Middle		1	3	23.93	0.2472	27.49	0.5610
Highest		1	3	23.73	0.2360	27.29	0.5358
Lowest	16QAM	3	3	23.22	0.2099	26.78	0.4764
Middle		3	3	23.43	0.2203	26.99	0.5000
Highest		3	3	22.87	0.1936	26.43	0.4395
Lowest	64QAM	3	0	22.25	0.1679	25.81	0.3811
Middle		3	0	22.11	0.1626	25.67	0.3690
Highest		3	0	22.03	0.1596	25.59	0.3622
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	24.24	0.2655	27.80	0.6026
Middle		1	8	24.40	0.2754	27.96	0.6252
Highest		1	8	24.26	0.2667	27.82	0.6053
Lowest	16QAM	1	0	23.02	0.2004	26.58	0.4550
Middle		1	0	23.18	0.2080	26.74	0.4721
Highest		1	0	23.28	0.2128	26.84	0.4831
Lowest	64QAM	1	0	22.06	0.1607	25.62	0.3648
Middle		1	0	22.12	0.1629	25.68	0.3698
Highest		1	0	22.13	0.1633	25.69	0.3707
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.24	0.2655	27.80	0.6026
Middle		1	12	24.40	0.2754	27.96	0.6252
Highest		1	12	24.28	0.2679	27.84	0.6081
Lowest	16QAM	1	0	23.09	0.2037	26.65	0.4624
Middle		1	0	23.24	0.2109	26.80	0.4786
Highest		1	0	23.33	0.2153	26.89	0.4887
Lowest	64QAM	1	12	22.06	0.1607	25.62	0.3648
Middle		1	12	22.08	0.1614	25.64	0.3664
Highest		1	12	22.19	0.1656	25.75	0.3758
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.36	0.2729	27.92	0.6194
Middle		1	0	24.37	0.2735	27.93	0.6209
Highest		1	0	24.34	0.2716	27.90	0.6166
Lowest	16QAM	1	0	23.08	0.2032	26.64	0.4613
Middle		1	0	23.30	0.2138	26.86	0.4853
Highest		1	0	23.31	0.2143	26.87	0.4864
Lowest	64QAM	1	25	22.05	0.1603	25.61	0.3639
Middle		1	25	22.13	0.1633	25.69	0.3707
Highest		1	25	22.22	0.1667	25.78	0.3784
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 15MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.33	0.2710	27.89	0.6152
Middle		1	0	24.41	0.2761	27.97	0.6266
Highest		1	0	24.38	0.2742	27.94	0.6223
Lowest	16QAM	1	0	23.15	0.2065	26.71	0.4688
Middle		1	0	23.27	0.2123	26.83	0.4819
Highest		1	0	23.35	0.2163	26.91	0.4909
Lowest	64QAM	1	0	22.16	0.1644	25.72	0.3733
Middle		1	0	22.24	0.1675	25.80	0.3802
Highest		1	0	22.26	0.1683	25.82	0.3819
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 20MHz (Average) (GT - LC = 3.56 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.35	0.2723	27.91	0.6180
Middle		1	0	24.45	0.2786	28.01	0.6324
Highest		1	0	24.40	0.2754	27.96	0.6252
Lowest	16QAM	1	0	23.14	0.2061	26.70	0.4677
Middle		1	0	23.26	0.2118	26.82	0.4808
Highest		1	0	23.32	0.2148	26.88	0.4875
Lowest	64QAM	1	0	22.18	0.1652	25.74	0.3750
Middle		1	0	22.28	0.1690	25.84	0.3837
Highest		1	0	22.28	0.1690	25.84	0.3837
Limit	EIRP < 1W		Result		PASS		





Radiated Spurious Emission

<For SIM 1>

LTE Band 7

Table with 10 columns: 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). Rows are grouped by 'Lowest' and 'Middle' channels.



Highest	5102	-46.11	-25	-21.11	-67.02	-57.55	0.96	12.40	H
	7653	-45.08	-25	-20.08	-70.83	-54.72	1.18	10.83	H
	10204	-33.12	-25	-8.12	-64.6	-43.45	1.39	11.71	H
									H
									H
									H
									H
	5102	-41.27	-25	-16.27	-62.37	-52.71	0.96	12.40	V
	7653	-45.51	-25	-20.51	-71.04	-55.15	1.18	10.83	V
	10204	-32.65	-25	-7.65	-65.88	-42.98	1.39	11.71	V
									V
									V
									V
									V

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



LTE Band 13

LTE Band 13 / 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	1552	-58.28	-13	-45.28	-69.22	-65.03	0.51	9.41	H
	2336	-36.85	-13	-23.85	-51.45	-44.75	0.62	10.67	H
	3112	-56.91	-13	-43.91	-73.02	-65.45	0.74	11.44	H
	3888	-49.52	-13	-36.52	-66.88	-59.05	0.77	12.44	H
	4664	-42.94	-13	-29.94	-62.78	-52.40	0.59	12.20	H
	5440	-53.20	-13	-40.20	-75.12	-63.08	1.05	13.08	H
									H
	1552	-57.50	-13	-44.50	-67.93	-64.25	0.51	9.41	V
	2336	-38.09	-13	-25.09	-53.18	-45.99	0.62	10.67	V
	3112	-52.59	-13	-39.59	-68.83	-61.13	0.74	11.44	V
	3888	-42.64	-13	-29.64	-61.15	-52.17	0.77	12.44	V
	4664	-43.05	-13	-30.05	-63.53	-52.51	0.59	12.20	V
	5440	-51.70	-13	-38.70	-73.68	-61.58	1.05	13.08	V
									V
Middle	1560	-58.26	-42.15	-16.11	-69.19	-65.03	0.51	9.43	H
	2336	-35.49	-13	-22.49	-50.09	-43.39	0.62	10.67	H
	3120	-56.67	-13	-43.67	-72.78	-65.24	0.74	11.46	H
	3896	-49.21	-13	-36.21	-66.57	-58.73	0.78	12.44	H
	4680	-42.90	-13	-29.90	-62.99	-52.43	0.52	12.20	H
	5456	-54.22	-13	-41.22	-76.28	-64.14	1.04	13.11	H
									H
	1560	-56.02	-42.15	-13.87	-66.38	-62.79	0.51	9.43	V
	2336	-37.25	-13	-24.25	-52.34	-45.15	0.62	10.67	V
	3120	-52.24	-13	-39.24	-68.53	-60.81	0.74	11.46	V
	3896	-42.01	-13	-29.01	-60.53	-51.53	0.78	12.44	V
	4680	-43.62	-13	-30.62	-64.24	-53.15	0.52	12.20	V
	5456	-52.02	-13	-39.02	-74.11	-61.94	1.04	13.11	V
									V



Highest	1568	-58.98	-42.15	-16.83	-69.43	-65.76	0.52	9.45	H
	2344	-36.40	-13	-23.40	-50.88	-44.30	0.62	10.68	H
	3128	-57.81	-13	-44.81	-73.92	-66.40	0.74	11.48	H
	3912	-50.95	-13	-37.95	-68.38	-60.44	0.79	12.44	H
	4696	-43.90	-13	-30.90	-64.26	-53.51	0.44	12.20	H
	5480	-54.01	-13	-41.01	-76.22	-63.99	1.03	13.16	H
									H
	1568	-58.72	-42.15	-16.57	-69.00	-65.50	0.52	9.45	V
	2344	-35.68	-13	-22.68	-50.75	-43.58	0.62	10.68	V
	3128	-53.29	-13	-40.29	-69.64	-61.88	0.74	11.48	V
	3912	-44.07	-13	-31.07	-62.64	-53.56	0.79	12.44	V
	4696	-45.90	-13	-32.90	-66.67	-55.51	0.44	12.20	V
	5480	-52.55	-13	-39.55	-74.79	-62.53	1.03	13.16	V
									V

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



LTE Band 13 / 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)
Middle	1552	-58.89	-13	-45.89	-69.83	-65.64	0.51	9.41	H
	2336	-37.25	-13	-24.25	-51.85	-45.15	0.62	10.67	H
	3112	-56.72	-13	-43.72	-72.83	-65.26	0.74	11.44	H
	3888	-50.39	-13	-37.39	-67.75	-59.92	0.77	12.44	H
	4664	-43.57	-13	-30.57	-63.41	-53.03	0.59	12.20	H
	5440	-54.00	-13	-41.00	-75.92	-63.88	1.05	13.08	H
									H
	1552	-56.78	-13	-43.78	-67.21	-63.53	0.51	9.41	V
	2336	-37.36	-13	-24.36	-52.45	-45.26	0.62	10.67	V
	3112	-52.80	-13	-39.80	-69.04	-61.34	0.74	11.44	V
	3888	-43.18	-13	-30.18	-61.69	-52.71	0.77	12.44	V
	4664	-43.55	-13	-30.55	-64.03	-53.01	0.59	12.20	V
	5440	-51.92	-13	-38.92	-73.9	-61.8	1.05	13.08	V
									V

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



**LTE Band 25**

LTE Band 25/ 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	3702	-55.98	-13	-42.98	-73.36	-67.77	0.72	12.52	H
	5553	-36.98	-13	-23.98	-59.36	-49.15	1.00	13.17	H
	7404	-37.41	-13	-24.41	-63	-46.8	1.18	10.57	H
	9255	-32.06	-13	-19.06	-62.09	-42.56	1.39	11.89	H
	11106	-40.03	-13	-27.03	-71.16	-49.12	1.47	10.56	H
	12957	-40.02	-13	-27.02	-75.05	-52.55	1.44	13.98	H
	14806	-41.81	-13	-28.81	-75.54	-52.88	1.69	12.76	H
	16659	-36.82	-13	-23.82	-71.75	-50.64	1.85	15.67	H
	3702	-55.43	-13	-42.43	-74.01	-67.22	0.72	12.52	V
	5553	-35.09	-13	-22.09	-57.56	-47.26	1.00	13.17	V
	7404	-38.19	-13	-25.19	-63.58	-47.58	1.18	10.57	V
	9255	-30.02	-13	-17.02	-61.81	-40.52	1.39	11.89	V
	11106	-41.13	-13	-28.13	-72.85	-50.22	1.47	10.56	V
	12957	-41.31	-13	-28.31	-76.14	-53.84	1.44	13.98	V
	14806	-41.22	-13	-28.22	-76.13	-52.29	1.69	12.76	V
	16659	-34.05	-13	-21.05	-69.68	-47.87	1.85	15.67	V



Middle	3742	-56.44	-13	-43.44	-73.93	-68.24	0.70	12.50	H
	5613	-34.54	-13	-21.54	-56.83	-46.69	0.98	13.13	H
	7484	-39.73	-13	-26.73	-65.17	-48.98	1.18	10.43	H
	9355	-35.98	-13	-22.98	-66	-46.15	1.43	11.61	H
	11226	-42.59	-13	-29.59	-74	-52.07	1.48	10.97	H
	13097	-40.25	-13	-27.25	-75.28	-52.45	1.45	13.65	H
	14968	-41.88	-13	-28.88	-75.7	-53.38	1.71	13.21	H
	16839	-38.11	-13	-25.11	-73.29	-51.09	1.87	14.84	H
	3742	-54.49	-13	-41.49	-73.17	-66.29	0.70	12.50	V
	5613	-37.39	-13	-24.39	-59.85	-49.54	0.98	13.13	V
	7484	-40.50	-13	-27.50	-66.02	-49.75	1.18	10.43	V
	9355	-33.61	-13	-20.61	-65.42	-43.78	1.43	11.61	V
	11226	-41.33	-13	-28.33	-74.86	-50.81	1.48	10.97	V
	13097	-41.62	-13	-28.62	-76.28	-53.82	1.45	13.65	V
	14968	-40.16	-13	-27.16	-75.62	-51.66	1.71	13.21	V
	16839	-38.04	-13	-25.04	-72.69	-51.02	1.87	14.84	V
Highest	3792	-56.52	-13	-43.52	-74.08	-68.33	0.67	12.48	H
	5688	-35.98	-13	-22.98	-58.34	-48.08	0.99	13.09	H
	7584	-37.17	-13	-24.17	-62.75	-46.62	1.18	10.64	H
	9480	-33.39	-13	-20.39	-63.59	-43.08	1.57	11.26	H
	11376	-41.90	-13	-28.90	-73.61	-51.88	1.50	11.48	H
									H
									H
	3792	-54.68	-13	-41.68	-73.49	-66.49	0.67	12.48	V
	5688	-34.86	-13	-21.86	-57.41	-46.96	0.99	13.09	V
	7584	-38.57	-13	-25.57	-63.93	-48.02	1.18	10.64	V
	9480	-32.19	-13	-19.19	-63.92	-41.88	1.57	11.26	V
	1176	-39.91	-13	-26.91	-73.94	-46.81	0.46	7.36	V
									V
								V	

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



**LTE Band 26**

LTE Band 26 / 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	1649	-55.47	-13	-42.47	-65.84	-62.42	0.53	9.63	H
	2473	-40.02	-13	-27.02	-53.9	-48	0.65	10.78	H
	3298	-47.70	-13	-34.70	-64.28	-56.79	0.76	11.99	H
	4122	-42.89	-13	-29.89	-60.76	-52.23	0.86	12.35	H
	4947	-44.16	-13	-31.16	-64.86	-53.53	0.68	12.20	H
									H
									H
	1649	-50.98	-13	-37.98	-61.05	-57.93	0.53	9.63	V
	2473	-40.68	-13	-27.68	-55.08	-48.66	0.65	10.78	V
	3298	-54.56	-13	-41.56	-71.11	-63.65	0.76	11.99	V
	4122	-48.99	-13	-35.99	-68.03	-58.33	0.86	12.35	V
	4947	-40.29	-13	-27.29	-61.15	-49.66	0.68	12.20	V
									V
									V
Middle	1664	-54.07	-13	-41.07	-64.58	-61.05	0.53	9.66	H
	2496	-42.90	-13	-29.90	-56.74	-50.89	0.65	10.80	H
	3328	-49.06	-13	-36.06	-65.71	-58.23	0.76	12.08	H
	4160	-43.49	-13	-30.49	-61.4	-52.83	0.85	12.34	H
	4992	-44.86	-13	-31.86	-65.34	-54.01	0.90	12.20	H
									H
									H
	1664	-52.59	-13	-39.59	-62.69	-59.57	0.53	9.66	V
	2496	-44.54	-13	-31.54	-58.82	-52.53	0.65	10.80	V
	3328	-56.82	-13	-43.82	-73.3	-65.99	0.76	12.08	V
	4160	-49.13	-13	-36.13	-68.25	-58.47	0.85	12.34	V
	4992	-41.52	-13	-28.52	-62.12	-50.67	0.90	12.20	V
									V
									V





Highest	1679	-55.52	-13	-42.52	-66.18	-62.53	0.53	9.69	H
	2518	-48.56	-13	-35.56	-62.42	-56.56	0.66	10.81	H
	3358	-46.49	-13	-33.49	-63.16	-55.75	0.77	12.17	H
	4197	-42.06	-13	-29.06	-60.02	-51.4	0.84	12.32	H
	5037	-45.06	-13	-32.06	-65.53	-54.24	0.95	12.27	H
									H
									H
	1679	-53.22	-13	-40.22	-63.36	-60.23	0.53	9.69	V
	2518	-45.50	-13	-32.50	-59.77	-53.5	0.66	10.81	V
	3358	-54.60	-13	-41.60	-70.99	-63.86	0.77	12.17	V
	4197	-48.55	-13	-35.55	-67.76	-57.89	0.84	12.32	V
	5037	-43.14	-13	-30.14	-63.79	-52.32	0.95	12.27	V
									V
									V



LTE Band 26 / 15MHz / 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	1654	-53.32	-13	-40.32	-63.69	-60.28	0.53	9.64	H
	2481	-35.01	-13	-22.01	-48.9	-42.99	0.65	10.78	H
	3308	-48.77	-13	-35.77	-65.36	-57.89	0.76	12.02	H
	4135	-43.34	-13	-30.34	-61.22	-52.68	0.85	12.35	H
	4962	-44.13	-13	-31.13	-64.81	-53.43	0.75	12.20	H
									H
									H
	1654	-51.40	-13	-38.40	-61.48	-58.36	0.53	9.64	V
	2481	-37.21	-13	-24.21	-51.58	-45.19	0.65	10.78	V
	3308	-56.03	-13	-43.03	-72.56	-65.15	0.76	12.02	V
	4135	-50.45	-13	-37.45	-69.52	-59.79	0.85	12.35	V
	4962	-41.21	-13	-28.21	-61.98	-50.51	0.75	12.20	V
									V
									V
Middle	1664	-55.62	-13	-42.62	-66.13	-62.6	0.53	9.66	H
	2496	-43.87	-13	-30.87	-57.71	-51.86	0.65	10.80	H
	3328	-50.74	-13	-37.74	-67.39	-59.91	0.76	12.08	H
	4160	-44.47	-13	-31.47	-62.38	-53.81	0.85	12.34	H
	4992	-46.24	-13	-33.24	-66.72	-55.39	0.90	12.20	H
									H
									H
	1664	-56.24	-13	-43.24	-66.34	-63.22	0.53	9.66	V
	2496	-43.51	-13	-30.51	-57.79	-51.5	0.65	10.80	V
	3328	-56.77	-13	-43.77	-73.25	-65.94	0.76	12.08	V
	4160	-50.95	-13	-37.95	-70.07	-60.29	0.85	12.34	V
	4992	-43.16	-13	-30.16	-63.76	-52.31	0.90	12.20	V
									V
									V



Highest	1674	-55.82	-13	-42.82	-66.34	-62.82	0.53	9.68	H
	2511	-45.29	-13	-32.29	-59.16	-53.29	0.66	10.81	H
	3348	-47.76	-13	-34.76	-64.44	-56.99	0.76	12.14	H
	4185	-42.04	-13	-29.04	-59.98	-51.38	0.84	12.33	H
	5022	-43.83	-13	-30.83	-64.26	-52.98	0.94	12.24	H
									H
									H
	1674	-55.98	-13	-42.98	-66.1	-62.98	0.53	9.68	V
	2511	-44.21	-13	-31.21	-58.48	-52.21	0.66	10.81	V
	3348	-55.57	-13	-42.57	-72	-64.8	0.76	12.14	V
	4185	-47.96	-13	-34.96	-67.14	-57.3	0.84	12.33	V
	5022	-41.64	-13	-28.64	-62.26	-50.79	0.94	12.24	V
									V
									V

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



**LTE Band 66**

LTE Band 66 / 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	3422	-55.95	-13	-42.95	-73.49	-67.54	0.77	12.37	H
	5133	-42.27	-13	-29.27	-63.26	-53.76	0.97	12.47	H
	6844	-40.40	-13	-27.40	-64.41	-51.23	0.81	11.64	H
	8555	-35.16	-13	-22.16	-62.94	-45.78	1.36	11.98	H
	10266	-31.29	-13	-18.29	-62.71	-41.49	1.39	11.59	H
	11977	-41.34	-13	-28.34	-73.01	-52.05	1.57	12.28	H
	13688	-42.29	-13	-29.29	-76.15	-53.14	1.52	12.37	H
	15399	-36.12	-13	-23.12	-71.27	-50.31	1.75	15.93	H
	3422	-56.75	-13	-43.75	-74.13	-68.34	0.77	12.37	V
	5133	-38.43	-13	-25.43	-59.6	-49.92	0.97	12.47	V
	6844	-43.34	-13	-30.34	-67.83	-54.17	0.81	11.64	V
	8555	-34.81	-13	-21.81	-62.47	-45.43	1.36	11.98	V
	10266	-33.91	-13	-20.91	-67.11	-44.11	1.39	11.59	V
	11977	-40.98	-13	-27.98	-74.47	-51.69	1.57	12.28	V
	13688	-41.91	-13	-28.91	-75.67	-52.76	1.52	12.37	V
	15399	-35.46	-13	-22.46	-72.13	-49.65	1.75	15.93	V



Middle	3472	-54.55	-13	-41.55	-72.15	-66.29	0.78	12.52	H
	5208	-38.04	-13	-25.04	-59.2	-49.66	0.99	12.62	H
	6944	-43.20	-13	-30.20	-67.43	-53.58	1.04	11.42	H
	8680	-35.33	-13	-22.33	-63.8	-46.09	1.39	12.15	H
	10416	-35.03	-13	-22.03	-66.33	-44.93	1.41	11.31	H
	12152	-41.65	-13	-28.65	-73.94	-53.16	1.55	13.06	H
	13888	-43.13	-13	-30.13	-76.51	-53.72	1.55	12.13	H
	15624	-35.08	-13	-22.08	-70.16	-50.07	1.76	16.75	H
	3472	-56.41	-13	-43.41	-74.56	-68.15	0.78	12.52	V
	5208	-35.33	-13	-22.33	-56.67	-46.95	0.99	12.62	V
	6944	-45.12	-13	-32.12	-69.71	-55.50	1.04	11.42	V
	8680	-35.73	-13	-22.73	-63.99	-46.49	1.39	12.15	V
	10416	-34.44	-13	-21.44	-67.59	-44.34	1.41	11.31	V
	12152	-41.91	-13	-28.91	-75.77	-53.42	1.55	13.06	V
	13888	-42.20	-13	-29.20	-75.75	-52.79	1.55	12.13	V
	15624	-33.98	-13	-20.98	-70.47	-48.97	1.76	16.75	V
Highest	3522	-57.15	-13	-44.15	-74.68	-68.96	0.78	12.59	H
	5283	-36.58	-13	-23.58	-57.99	-48.32	1.02	12.77	H
	7044	-40.19	-13	-27.19	-64.67	-50.24	1.17	11.22	H
	8805	-31.36	-13	-18.36	-60.2	-42.29	1.40	12.33	H
	10566	-35.87	-13	-22.87	-67.07	-45.47	1.42	11.02	H
	12327	-40.29	-13	-27.29	-73.23	-52.70	1.53	13.94	H
	14088	-42.00	-13	-29.00	-75.2	-52.41	1.57	11.98	H
	15849	-37.52	-13	-24.52	-71.86	-52.76	1.78	17.02	H
	3522	-55.49	-13	-42.49	-74	-67.30	0.78	12.59	V
	5283	-35.35	-13	-22.35	-56.92	-47.09	1.02	12.77	V
	7044	-41.56	-13	-28.56	-66.37	-51.61	1.17	11.22	V
	8805	-33.42	-13	-20.42	-62.25	-44.35	1.40	12.33	V
	10566	-35.73	-13	-22.73	-68.8	-45.33	1.42	11.02	V
	12327	-41.21	-13	-28.21	-75.56	-53.62	1.53	13.94	V
	14088	-42.07	-13	-29.07	-75.56	-52.48	1.57	11.98	V
	15849	-34.35	-13	-21.35	-70.03	-49.59	1.78	17.02	V

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



<For eSIM>

**LTE Band 12**

LTE Band 12 / 10MHz / QPSK										
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)	
Lowest	1400	-56.94	-13.00	-43.94	-68.68	-62.99	0.50	8.70	H	
	2096	-62.58	-13.00	-49.58	-63.39	-70.32	0.59	10.48	H	
	3496	-51.55	-13.00	-38.55	-68.48	-61.21	0.78	12.59	H	
	4200	-47.35	-13.00	-34.35	-65.31	-56.68	0.84	12.32	H	
	4896	-62.94	-13.00	-49.94	-70.96	-72.56	0.43	12.20	H	
										H
	1400	-58.83	-13.00	-45.83	-70.63	-64.88	0.50	8.70	V	
	2096	-51.37	-13.00	-38.37	-65.04	-59.11	0.59	10.48	V	
	3496	-56.22	-13.00	-43.22	-74.05	-65.88	0.78	12.59	V	
	4200	-52.48	-13.00	-39.48	-71.69	-61.81	0.84	12.32	V	
	4896	-46.22	-13.00	-33.22	-67.37	-55.84	0.43	12.20	V	
										V
Middle	1408	-57.58	-13.00	-44.58	-69.42	-63.68	0.50	8.75	H	
	2112	-48.39	-13.00	-35.39	-62.49	-56.14	0.59	10.49	H	
	3512	-50.60	-13.00	-37.60	-67.47	-60.26	0.78	12.60	H	
	4216	-47.22	-13.00	-34.22	-65.25	-56.55	0.84	12.31	H	
	4920	-48.92	-13.00	-35.92	-69.83	-58.42	0.55	12.20	H	
										H
										H
	1408	-59.63	-13.00	-46.63	-71.35	-65.73	0.50	8.75	V	
	2112	-50.73	-13.00	-37.73	-64.71	-58.48	0.59	10.49	V	
	3512	-56.10	-13.00	-43.10	-73.97	-65.76	0.78	12.60	V	
	4216	-51.13	-13.00	-38.13	-70.41	-60.46	0.84	12.31	V	
	4920	-45.01	-13.00	-32.01	-66.03	-54.51	0.55	12.20	V	
									V	
									V	



Highest	1416	-57.06	-13.00	-44.06	-68.91	-63.20	0.50	8.80	H
	2120	-43.40	-13.00	-30.40	-57.51	-51.15	0.59	10.50	H
	3536	-51.53	-13.00	-38.53	-68.35	-61.18	0.78	12.59	H
	4240	-46.94	-13.00	-33.94	-65.04	-56.26	0.84	12.30	H
	4944	-49.49	-13.00	-36.49	-70.28	-58.88	0.66	12.20	H
									H
									H
	1416	-59.63	-13.00	-46.63	-71.29	-65.77	0.50	8.80	V
	2120	-58.75	-13.00	-45.75	-72.89	-66.50	0.59	10.50	V
	3536	-54.65	-13.00	-41.65	-72.48	-64.30	0.78	12.59	V
	4240	-52.42	-13.00	-39.42	-71.79	-61.74	0.84	12.30	V
	4944	-45.86	-13.00	-32.86	-66.74	-55.25	0.66	12.20	V
									V
									V

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