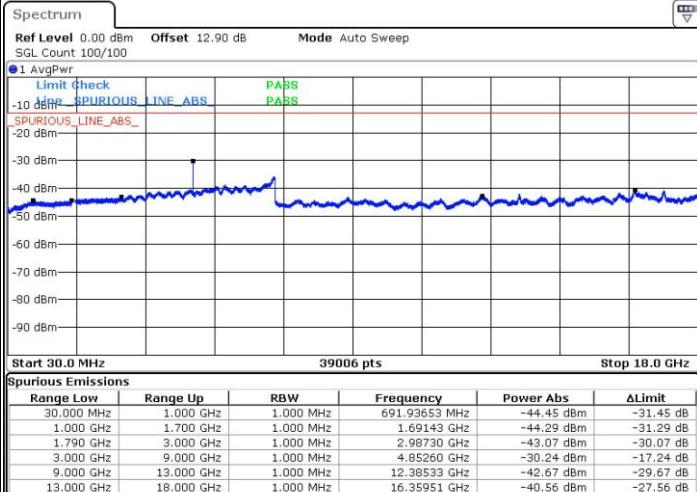
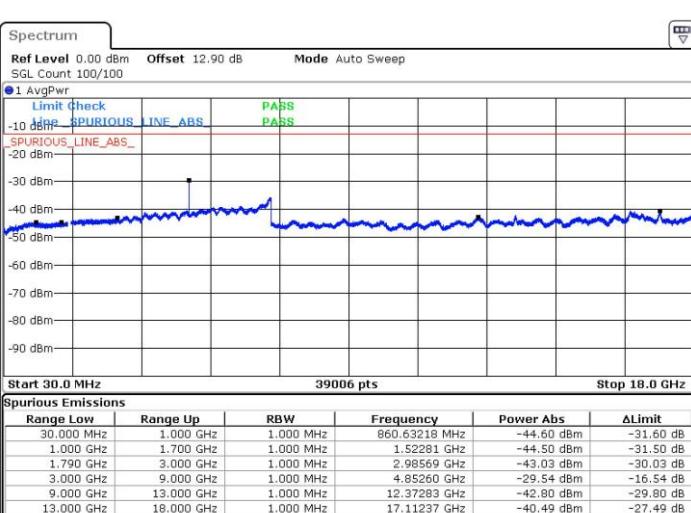




## LTE Band 66 / 1.4MHz

## Highest Channel / QPSK

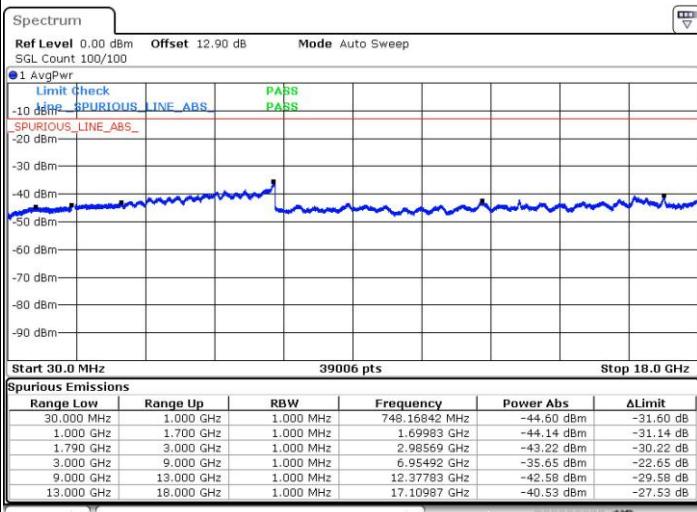
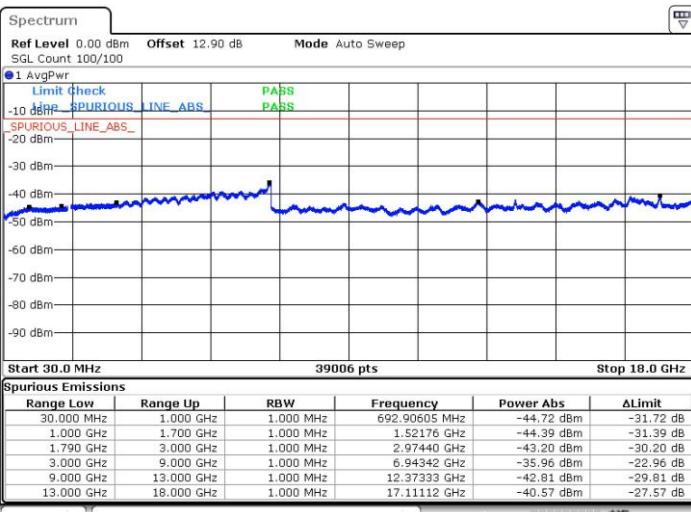
## Highest Channel / 16QAM

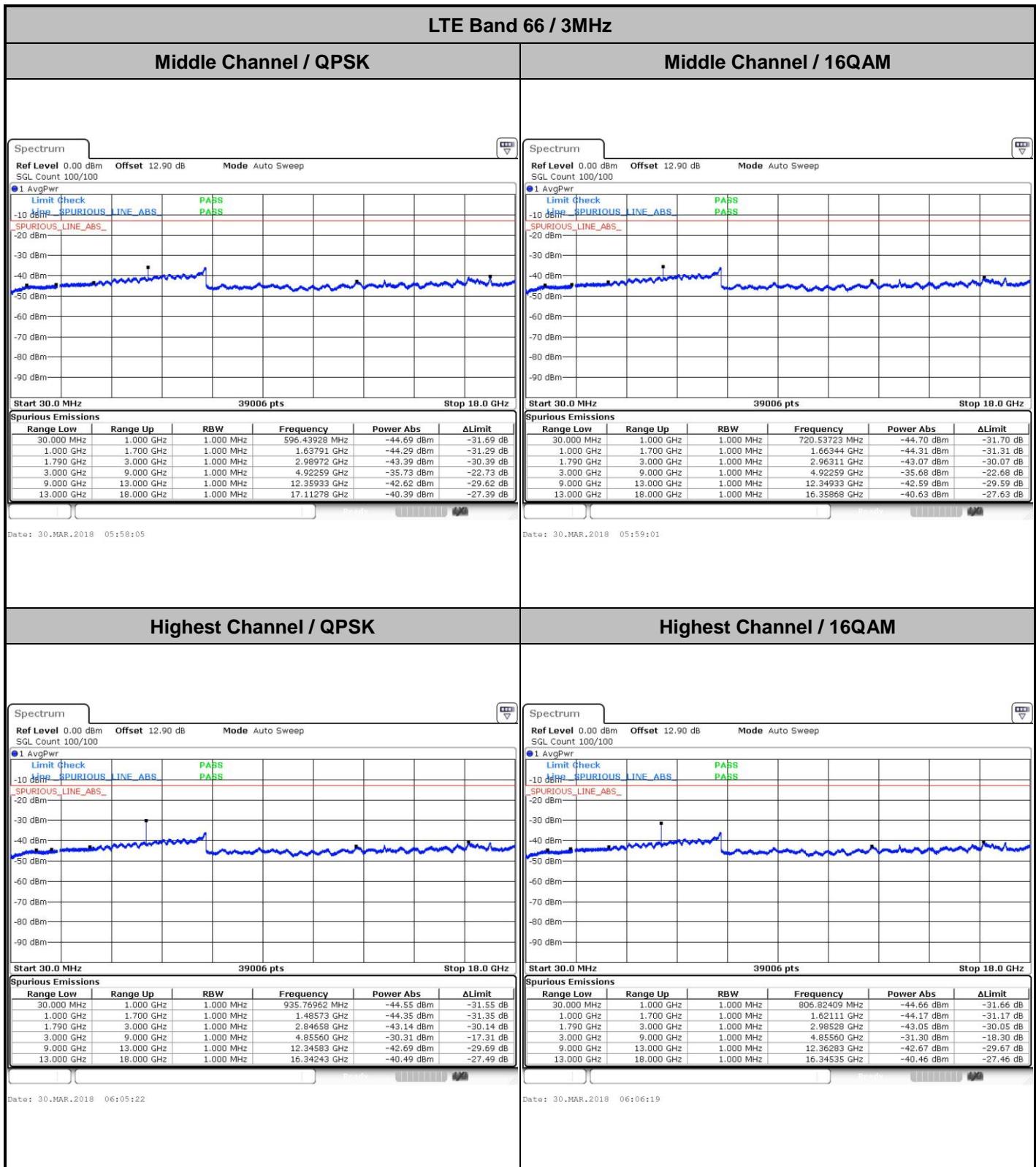


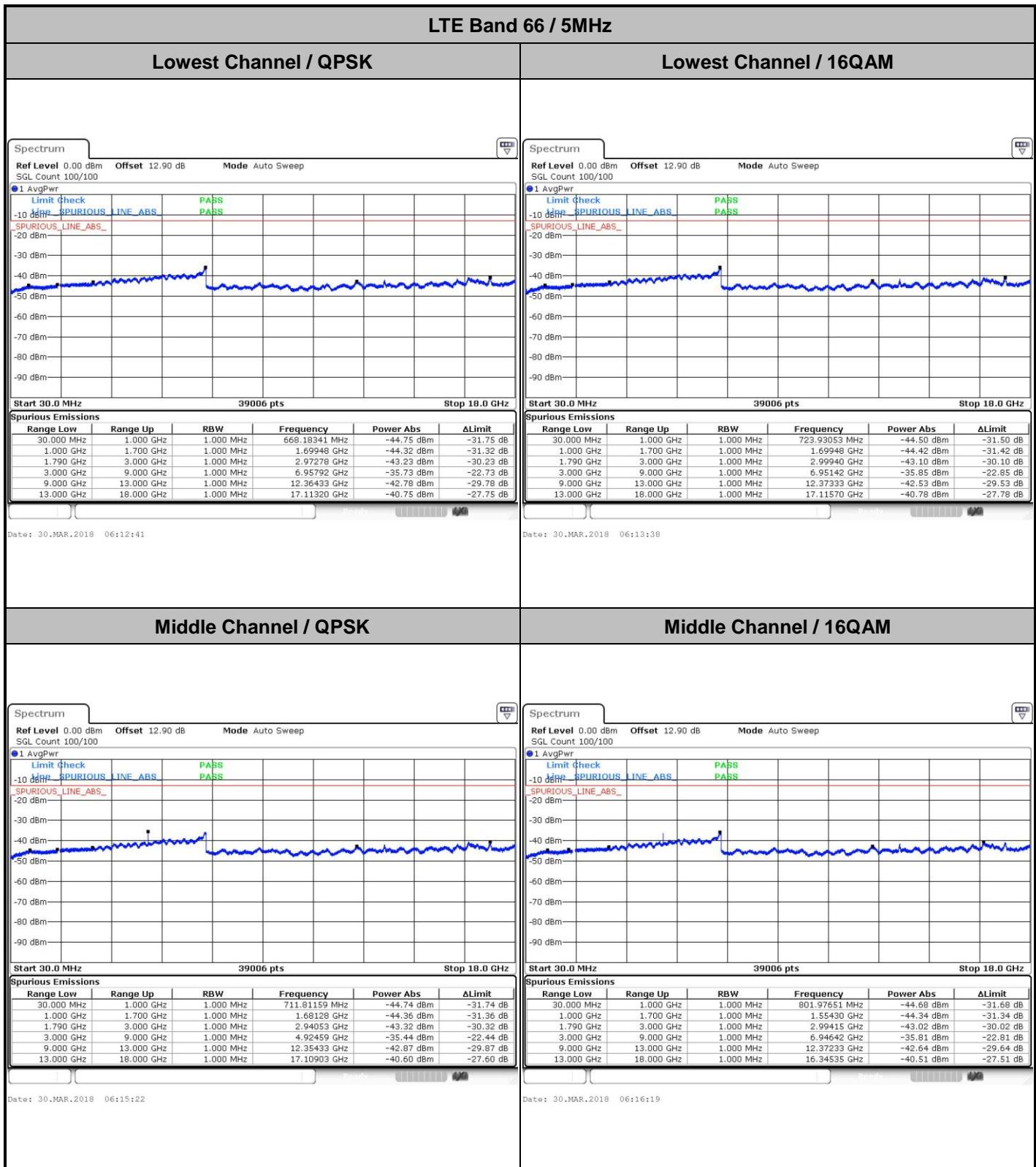
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





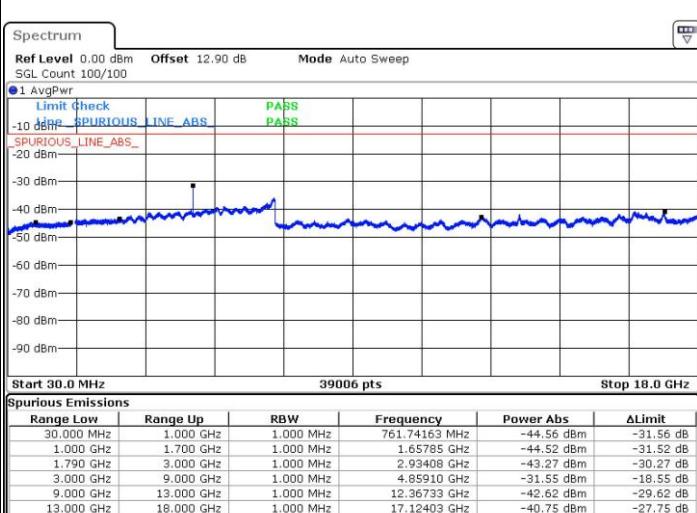
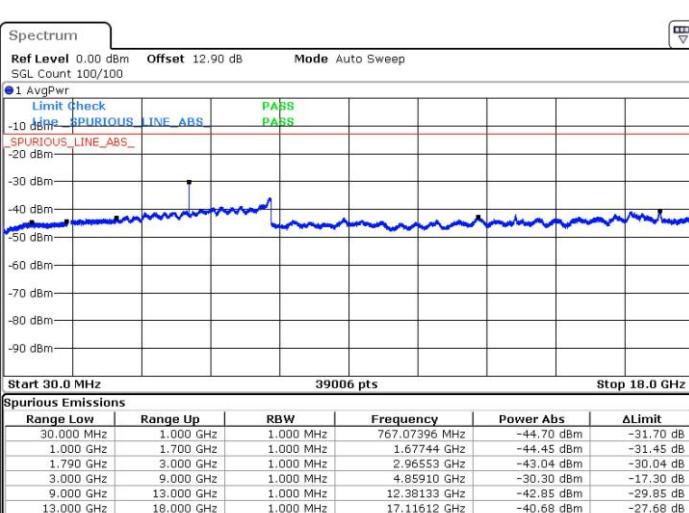




## LTE Band 66 / 5MHz

## Highest Channel / QPSK

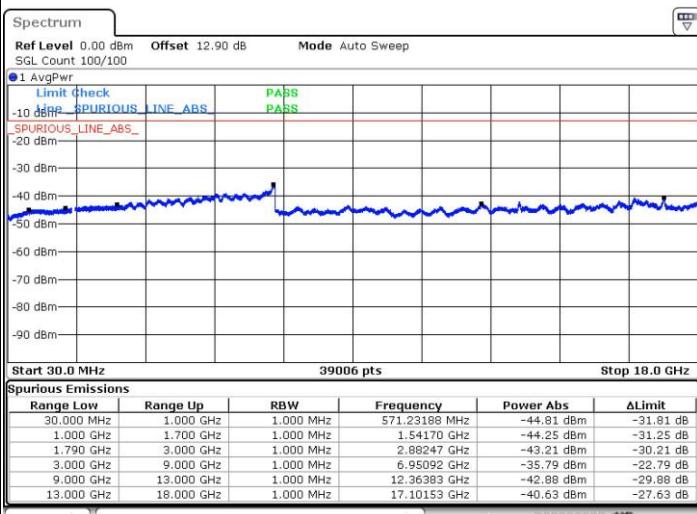
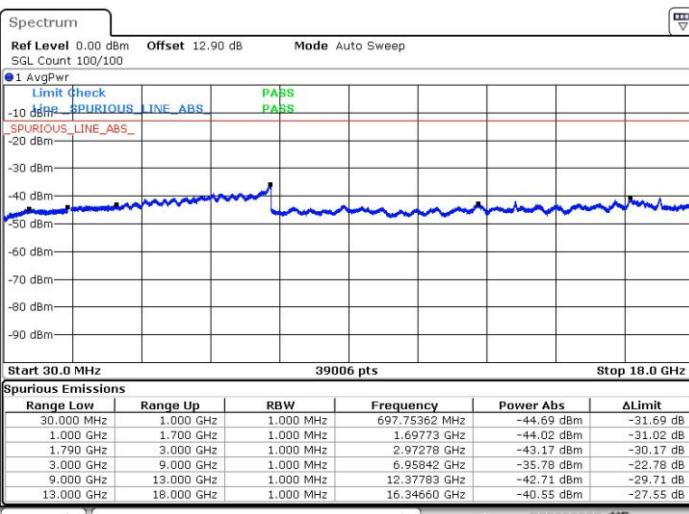
## Highest Channel / 16QAM

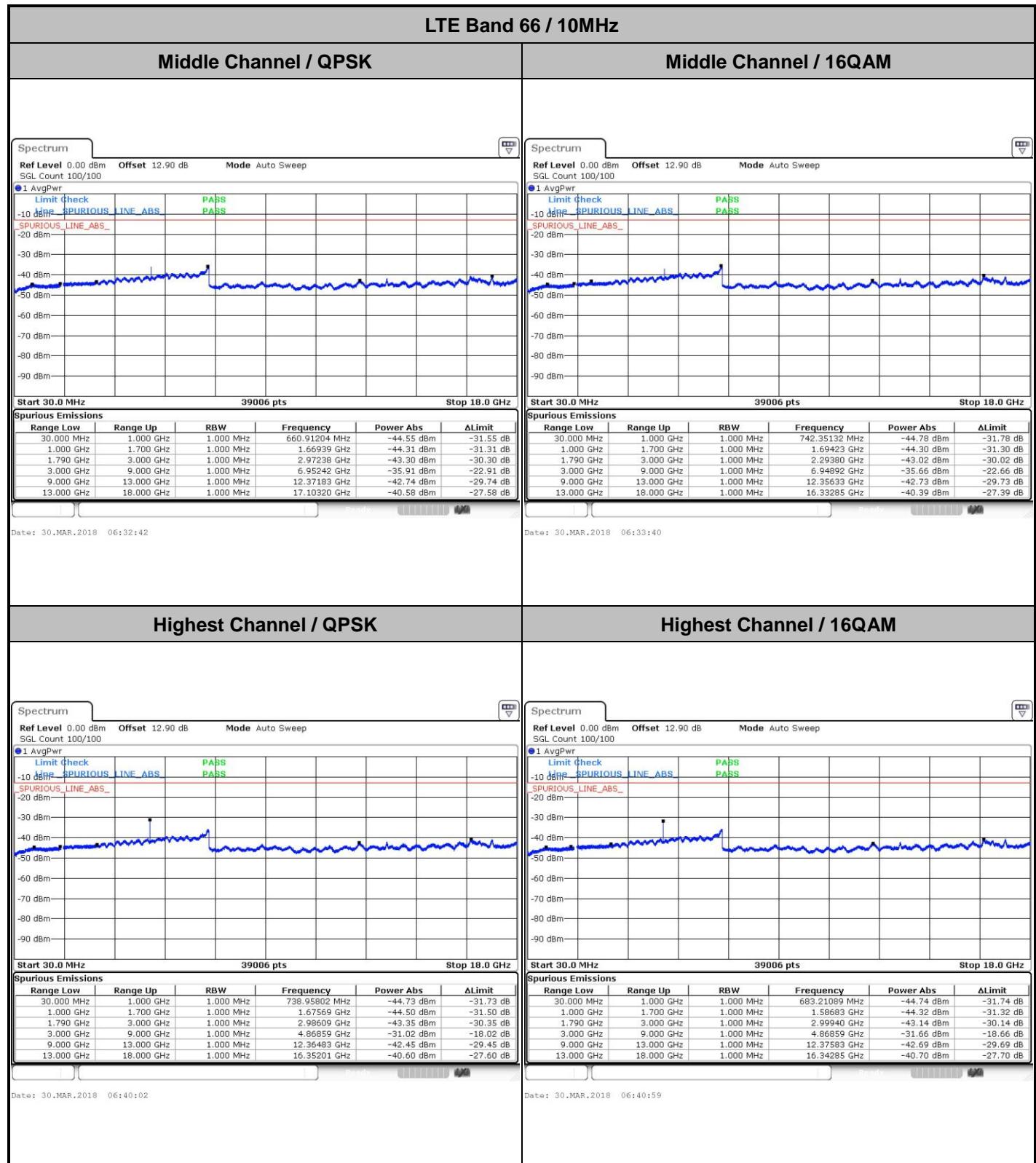


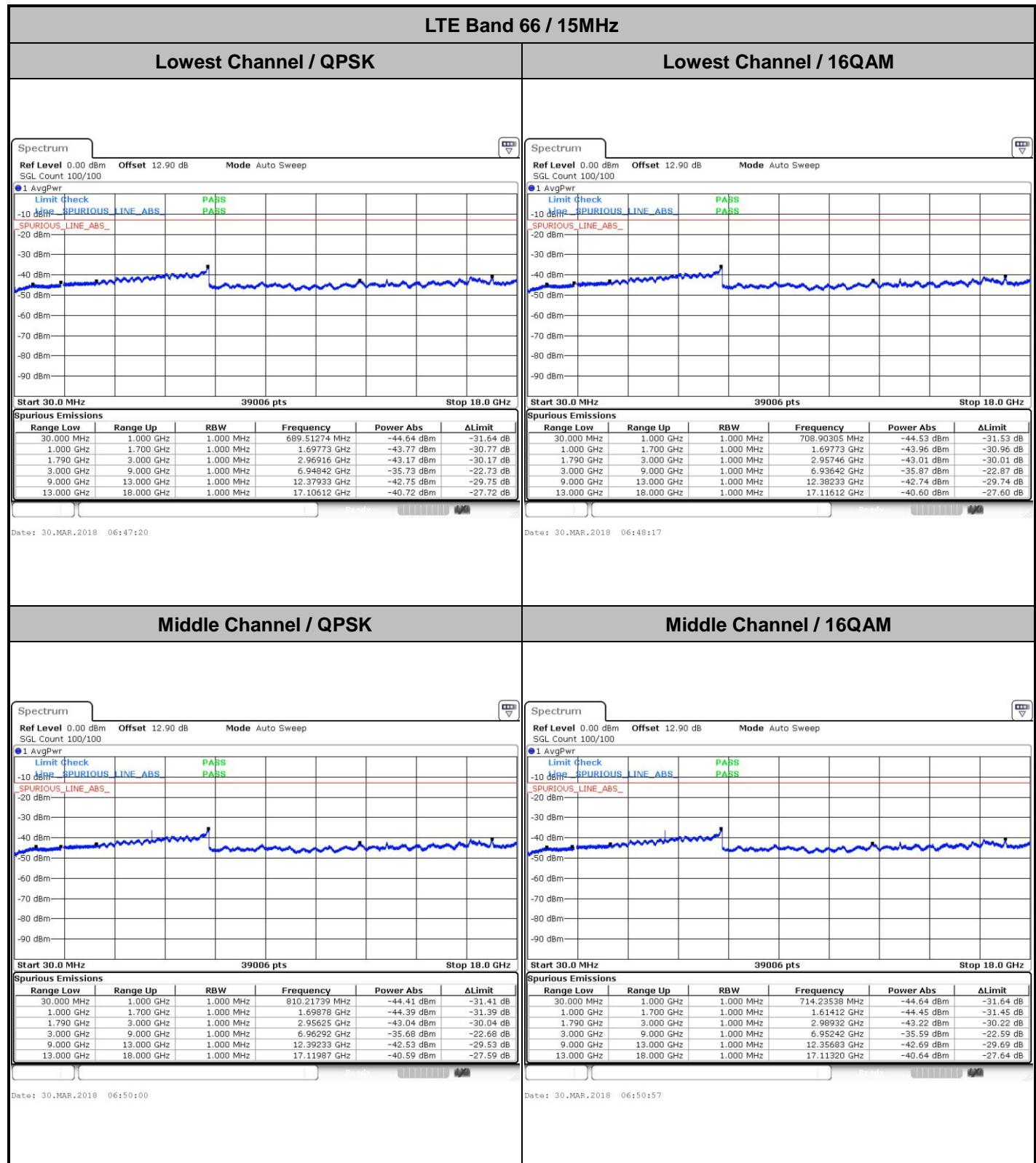
## LTE Band 66 / 10MHz

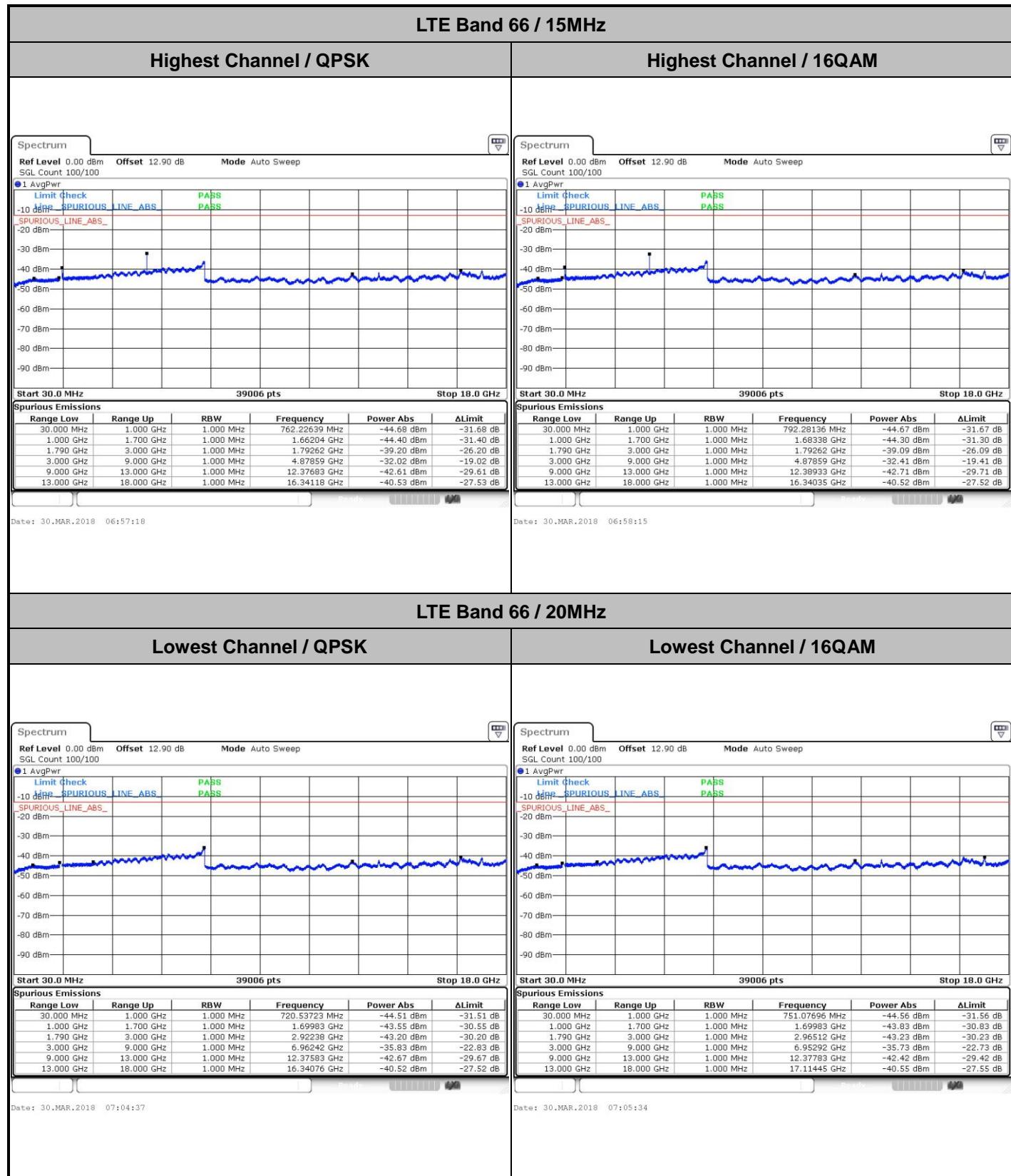
## Lowest Channel / QPSK

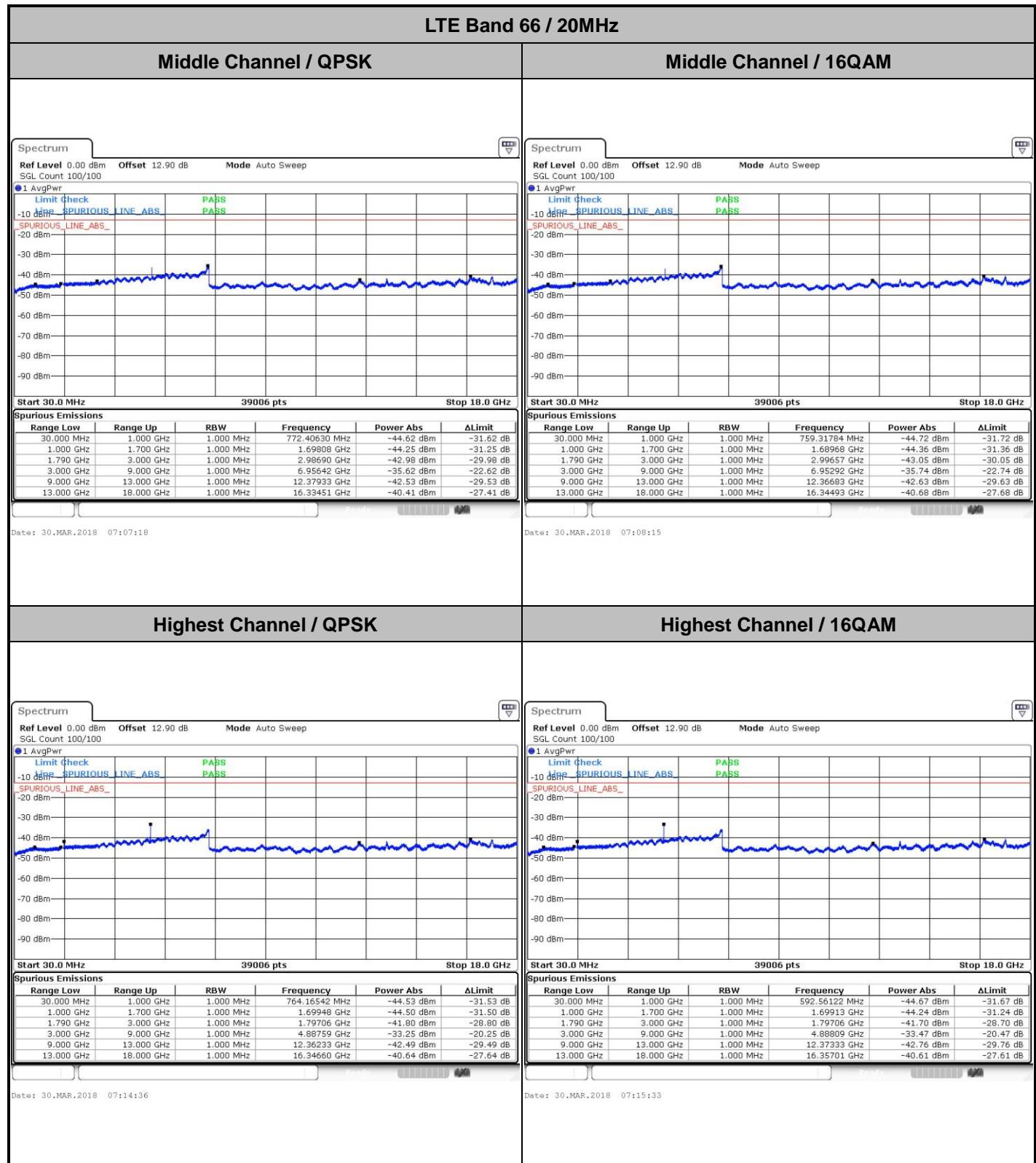
## Lowest Channel / 16QAM









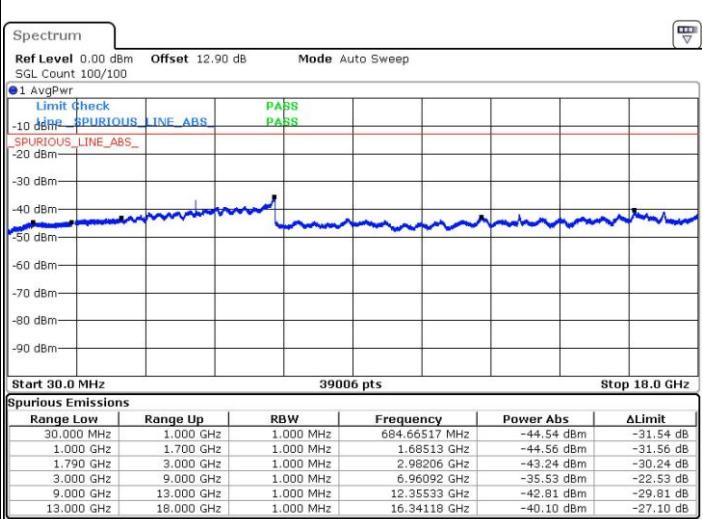
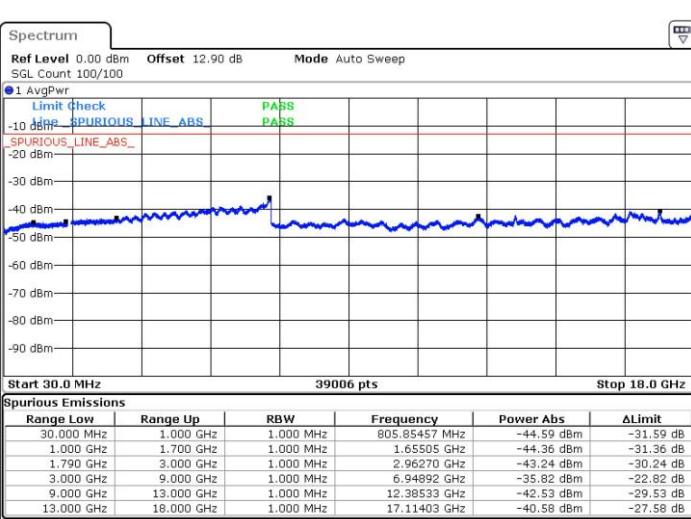




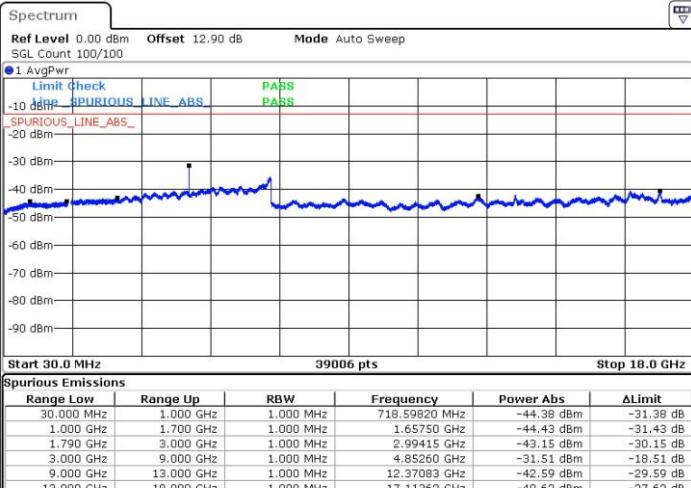
## LTE Band 66 / 1.4MHz

## Lowest Channel / 64QAM

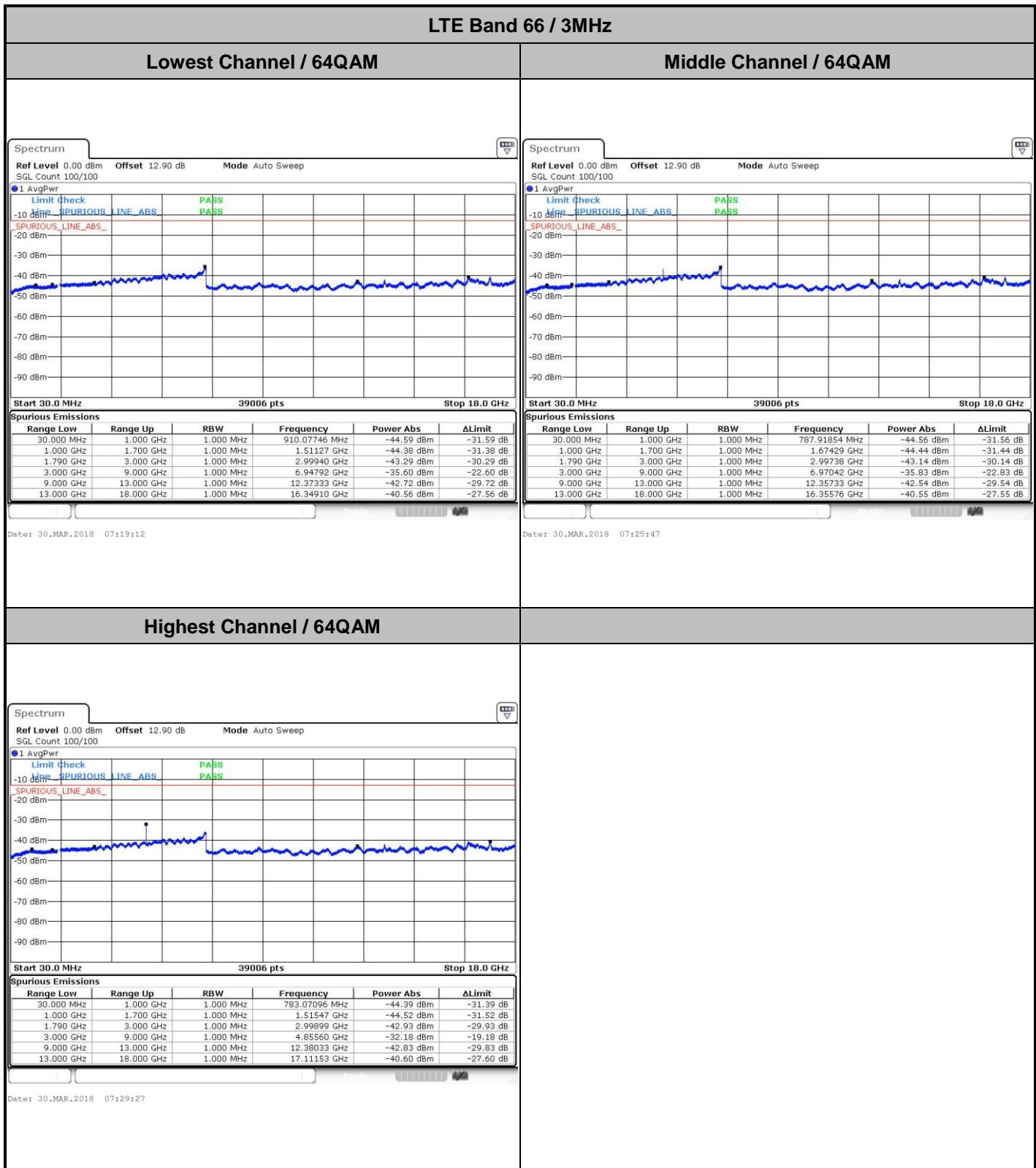
## Middle Channel / 64QAM

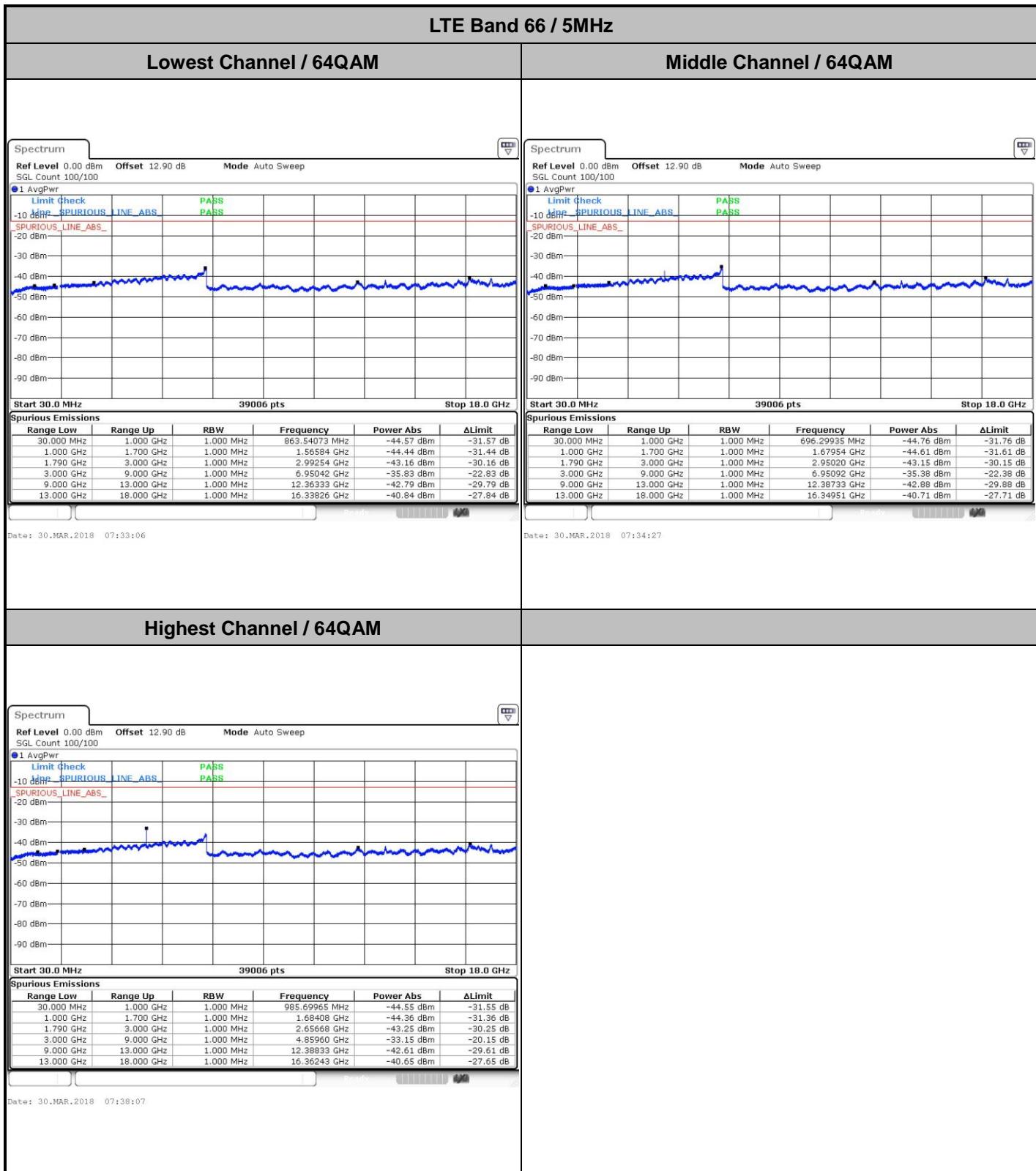


## Highest Channel / 64QAM



Date: 30.MAR.2018 05:44:04



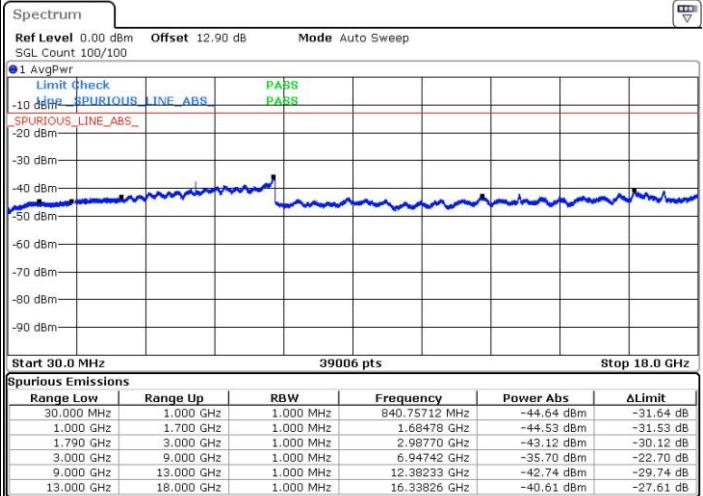
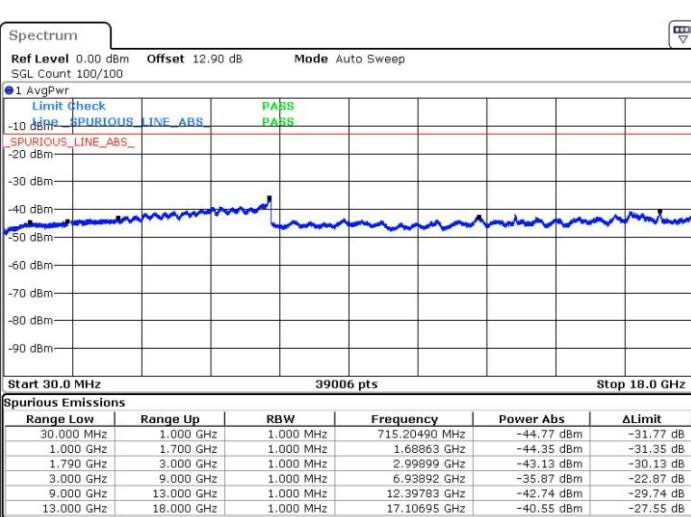




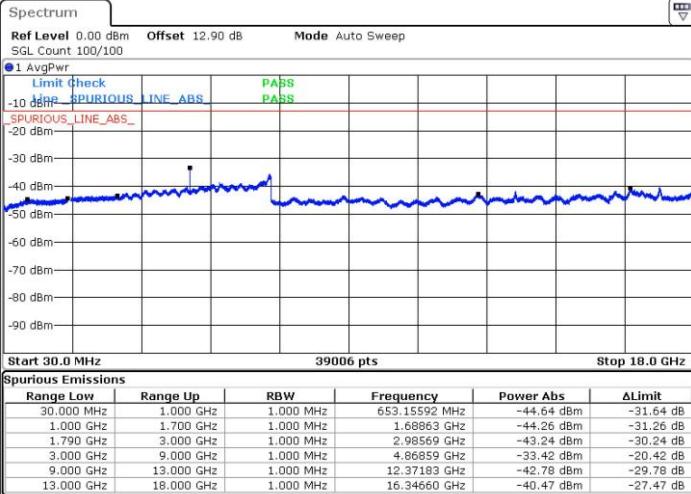
## LTE Band 66 / 10MHz

## Lowest Channel / 64QAM

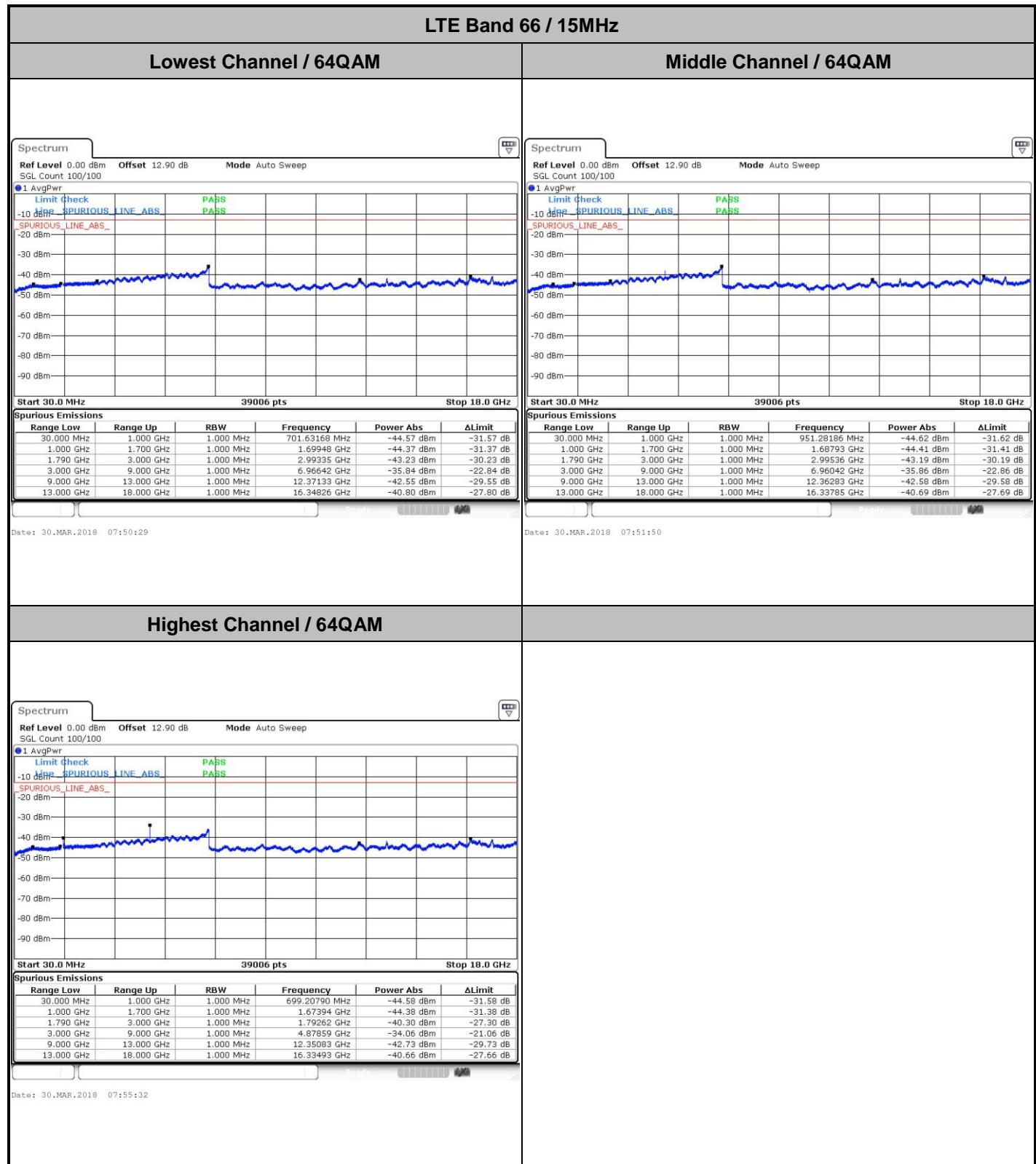
## Middle Channel / 64QAM

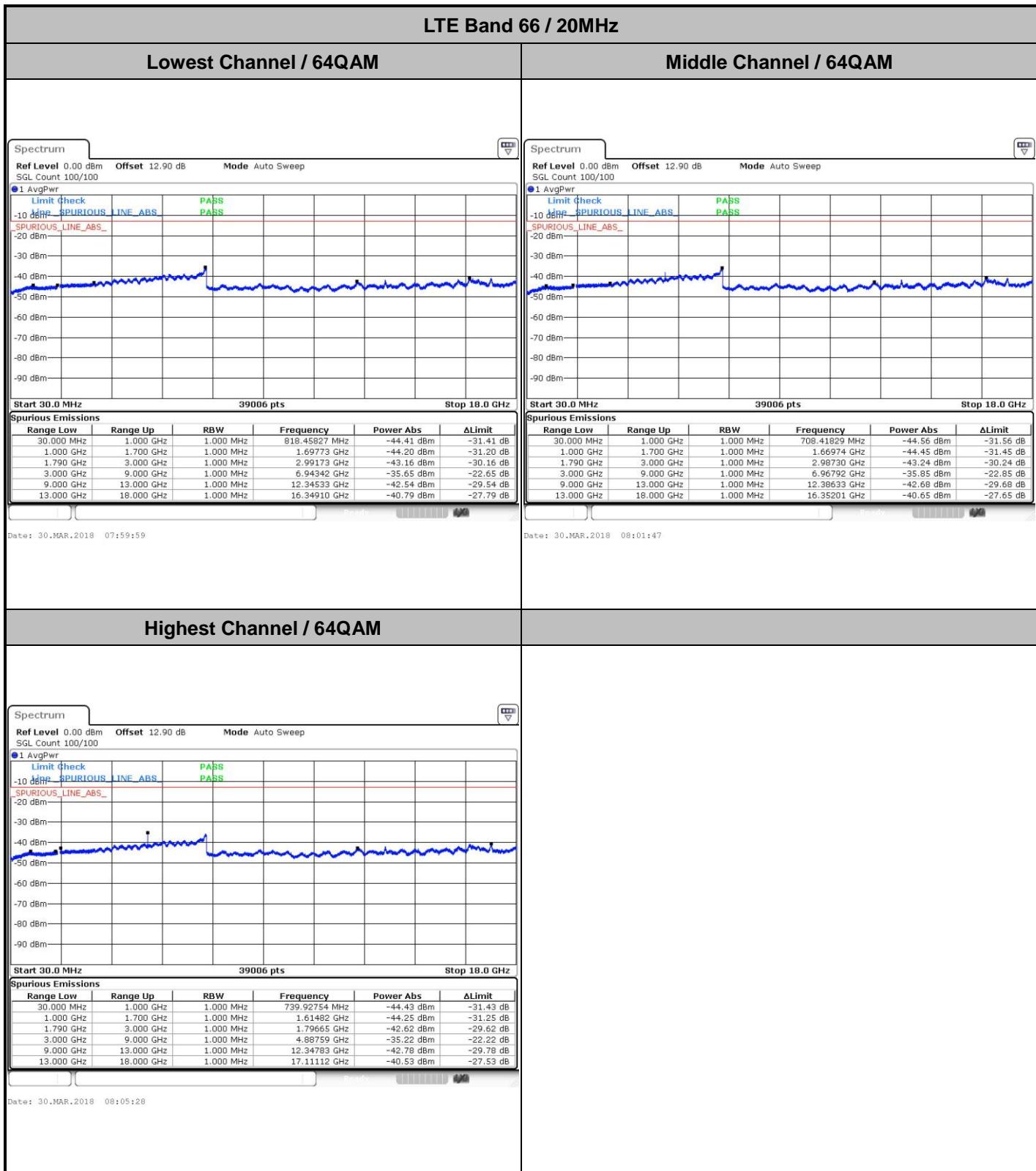


## Highest Channel / 64QAM



Date: 30.MAR.2018 07:41:47







## 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	0.0058	PASS
40	Normal Voltage	0.0087	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0080	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0070	
20	Battery End Point	0.0072	

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: 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 = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.50	0.1778	22.40	0.1738
Middle		1	3	22.72	0.1871	22.62	0.1828
Highest		1	3	22.56	0.1803	22.46	0.1762
Lowest	16QAM	1	3	21.72	0.1486	21.62	0.1452
Middle		1	3	21.95	0.1567	21.85	0.1531
Highest		1	3	21.78	0.1507	21.68	0.1472
Lowest	64QAM	1	3	20.68	0.1169	20.58	0.1143
Middle		1	3	20.92	0.1236	20.82	0.1208
Highest		1	3	20.73	0.1183	20.63	0.1156
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.80	0.1905	22.70	0.1862
Middle		1	0	22.66	0.1845	22.56	0.1803
Highest		1	0	22.58	0.1811	22.48	0.1770
Lowest	16QAM	1	8	21.80	0.1514	21.70	0.1479
Middle		1	8	21.99	0.1581	21.89	0.1545
Highest		1	8	21.91	0.1552	21.81	0.1517
Lowest	64QAM	1	0	20.83	0.1211	20.73	0.1183
Middle		1	0	20.95	0.1245	20.85	0.1216
Highest		1	0	20.77	0.1194	20.67	0.1167
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.73	0.1875	22.63	0.1832
Middle		1	0	22.81	0.1910	22.71	0.1866
Highest		1	0	22.66	0.1845	22.56	0.1803
Lowest	16QAM	1	0	21.90	0.1549	21.80	0.1514
Middle		1	0	21.93	0.1560	21.83	0.1524
Highest		1	0	21.97	0.1574	21.87	0.1538
Lowest	64QAM	1	12	20.95	0.1245	20.85	0.1216
Middle		1	12	20.93	0.1239	20.83	0.1211
Highest		1	12	20.96	0.1247	20.86	0.1219
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.73	0.1875	22.63	0.1832
Middle		1	0	22.81	0.1910	22.71	0.1866
Highest		1	0	22.74	0.1879	22.64	0.1837
Lowest	16QAM	1	49	21.93	0.1560	21.83	0.1524
Middle		1	49	22.00	0.1585	21.90	0.1549
Highest		1	49	21.76	0.1500	21.66	0.1466
Lowest	64QAM	1	0	20.84	0.1213	20.74	0.1186
Middle		1	0	21.00	0.1259	20.90	0.1230
Highest		1	0	20.88	0.1225	20.78	0.1197
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.70	0.1862	22.60	0.1820
Middle		1	37	22.82	0.1914	22.72	0.1871
Highest		1	37	22.61	0.1824	22.51	0.1782
Lowest	16QAM	1	37	21.90	0.1549	21.80	0.1514
Middle		1	37	21.94	0.1563	21.84	0.1528
Highest		1	37	21.82	0.1521	21.72	0.1486
Lowest	64QAM	1	37	20.83	0.1211	20.73	0.1183
Middle		1	37	21.00	0.1259	20.90	0.1230
Highest		1	37	20.92	0.1236	20.82	0.1208
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.78	0.1897	22.68	0.1854
Middle		1	0	22.82	0.1914	22.72	0.1871
Highest		1	0	22.68	0.1854	22.58	0.1811
Lowest	16QAM	1	0	21.90	0.1549	21.80	0.1514
Middle		1	0	22.00	0.1585	21.90	0.1549
Highest		1	0	21.89	0.1545	21.79	0.1510
Lowest	64QAM	1	0	20.85	0.1216	20.75	0.1189
Middle		1	0	20.99	0.1256	20.89	0.1227
Highest		1	0	20.82	0.1208	20.72	0.1180
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.12	0.1629	22.02	0.1592
Middle		3	1	22.49	0.1774	22.39	0.1734
Highest		3	1	22.21	0.1663	22.11	0.1626
Lowest	16QAM	1	3	21.54	0.1426	21.44	0.1393
Middle		1	3	21.91	0.1552	21.81	0.1517
Highest		1	3	21.62	0.1452	21.52	0.1419
Lowest	64QAM	1	3	20.48	0.1117	20.38	0.1091
Middle		1	3	20.83	0.1211	20.73	0.1183
Highest		1	3	20.57	0.1140	20.47	0.1114
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.29	0.1694	22.19	0.1656
Middle		1	8	22.46	0.1762	22.36	0.1722
Highest		1	8	22.16	0.1644	22.06	0.1607
Lowest	16QAM	1	8	21.60	0.1445	21.50	0.1413
Middle		1	8	21.93	0.1560	21.83	0.1524
Highest		1	8	21.65	0.1462	21.55	0.1429
Lowest	64QAM	1	0	20.55	0.1135	20.45	0.1109
Middle		1	0	20.84	0.1213	20.74	0.1186
Highest		1	0	20.70	0.1175	20.60	0.1148
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.29	0.1694	22.19	0.1656
Middle		1	12	22.49	0.1774	22.39	0.1734
Highest		1	12	22.20	0.1660	22.10	0.1622
Lowest	16QAM	1	0	21.67	0.1469	21.57	0.1435
Middle		1	0	21.87	0.1538	21.77	0.1503
Highest		1	0	21.72	0.1486	21.62	0.1452
Lowest	64QAM	1	0	20.64	0.1159	20.54	0.1132
Middle		1	0	20.80	0.1202	20.70	0.1175
Highest		1	0	20.66	0.1164	20.56	0.1138
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.33	0.1710	22.23	0.1671
Middle		1	25	22.51	0.1782	22.41	0.1742
Highest		1	25	22.24	0.1675	22.14	0.1637
Lowest	16QAM	1	25	21.63	0.1455	21.53	0.1422
Middle		1	25	21.84	0.1528	21.74	0.1493
Highest		1	25	21.67	0.1469	21.57	0.1435
Lowest	64QAM	1	0	20.58	0.1143	20.48	0.1117
Middle		1	0	20.84	0.1213	20.74	0.1186
Highest		1	0	20.69	0.1172	20.59	0.1146
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.33	0.1710	22.23	0.1671
Middle		1	37	22.54	0.1795	22.44	0.1754
Highest		1	37	22.25	0.1679	22.15	0.1641
Lowest	16QAM	1	37	21.66	0.1466	21.56	0.1432
Middle		1	37	21.94	0.1563	21.84	0.1528
Highest		1	37	21.71	0.1483	21.61	0.1449
Lowest	64QAM	1	0	20.64	0.1159	20.54	0.1132
Middle		1	0	20.88	0.1225	20.78	0.1197
Highest		1	0	20.75	0.1189	20.65	0.1161
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = -0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.40	0.1738	22.30	0.1698
Middle		1	0	22.83	0.1919	22.73	0.1875
Highest		1	0	22.34	0.1714	22.24	0.1675
Lowest	16QAM	1	0	21.72	0.1486	21.62	0.1452
Middle		1	0	21.98	0.1578	21.88	0.1542
Highest		1	0	21.74	0.1493	21.64	0.1459
Lowest	64QAM	1	0	20.66	0.1164	20.56	0.1138
Middle		1	0	20.91	0.1233	20.81	0.1205
Highest		1	0	20.65	0.1161	20.55	0.1135
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.86	0.2432	24.06	0.2547
Middle		3	1	24.25	0.2661	24.45	0.2786
Highest		3	1	24.01	0.2518	24.21	0.2636
Lowest	16QAM	1	3	23.02	0.2004	23.22	0.2099
Middle		1	3	23.36	0.2168	23.56	0.2270
Highest		1	3	23.21	0.2094	23.41	0.2193
Lowest	64QAM	3	1	21.97	0.1574	22.17	0.1648
Middle		3	1	22.35	0.1718	22.55	0.1799
Highest		3	1	22.17	0.1648	22.37	0.1726
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.89	0.2449	24.09	0.2564
Middle		1	0	24.05	0.2541	24.25	0.2661
Highest		1	0	24.10	0.2570	24.30	0.2692
Lowest	16QAM	1	8	23.28	0.2128	23.48	0.2228
Middle		1	8	23.45	0.2213	23.65	0.2317
Highest		1	8	23.36	0.2168	23.56	0.2270
Lowest	64QAM	1	8	22.09	0.1618	22.29	0.1694
Middle		1	8	22.49	0.1774	22.69	0.1858
Highest		1	8	22.42	0.1746	22.62	0.1828
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.85	0.2427	24.05	0.2541
Middle		1	12	24.20	0.2630	24.40	0.2754
Highest		1	12	24.13	0.2588	24.33	0.2710
Lowest	16QAM	1	12	23.13	0.2056	23.33	0.2153
Middle		1	12	23.40	0.2188	23.60	0.2291
Highest		1	12	23.24	0.2109	23.44	0.2208
Lowest	64QAM	1	12	22.25	0.1679	22.45	0.1758
Middle		1	12	22.47	0.1766	22.67	0.1849
Highest		1	12	22.34	0.1714	22.54	0.1795
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.03	0.2529	24.23	0.2649
Middle		1	0	24.19	0.2624	24.39	0.2748
Highest		1	0	24.27	0.2673	24.47	0.2799
Lowest	16QAM	1	0	23.23	0.2104	23.43	0.2203
Middle		1	0	23.50	0.2239	23.70	0.2344
Highest		1	0	23.48	0.2228	23.68	0.2333
Lowest	64QAM	1	0	22.21	0.1663	22.41	0.1742
Middle		1	0	22.50	0.1778	22.70	0.1862
Highest		1	0	22.45	0.1758	22.65	0.1841
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.04	0.2535	24.24	0.2655
Middle		1	37	24.25	0.2661	24.45	0.2786
Highest		1	37	24.06	0.2547	24.26	0.2667
Lowest	16QAM	1	0	23.09	0.2037	23.29	0.2133
Middle		1	0	23.37	0.2173	23.57	0.2275
Highest		1	0	23.50	0.2239	23.70	0.2344
Lowest	64QAM	1	37	22.21	0.1663	22.41	0.1742
Middle		1	37	22.46	0.1762	22.66	0.1845
Highest		1	37	22.37	0.1726	22.57	0.1807
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.92	0.2466	24.12	0.2582
Middle		1	0	24.18	0.2618	24.38	0.2742
Highest		1	0	24.32	0.2704	24.52	0.2831
Lowest	16QAM	1	0	23.06	0.2023	23.26	0.2118
Middle		1	0	23.32	0.2148	23.52	0.2249
Highest		1	0	23.41	0.2193	23.61	0.2296
Lowest	64QAM	1	49	22.17	0.1648	22.37	0.1726
Middle		1	49	22.41	0.1742	22.61	0.1824
Highest		1	49	22.36	0.1722	22.56	0.1803
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.34	0.2716	20.69	0.1172
Middle		3	1	24.24	0.2655	20.59	0.1146
Highest		3	1	24.20	0.2630	20.55	0.1135
Lowest	16QAM	1	3	23.39	0.2183	19.74	0.0942
Middle		1	3	23.25	0.2113	19.60	0.0912
Highest		1	3	22.96	0.1977	19.31	0.0853
Lowest	64QAM	1	3	22.42	0.1746	18.77	0.0753
Middle		1	3	22.28	0.1690	18.63	0.0729
Highest		1	3	22.00	0.1585	18.35	0.0684
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.34	0.2716	20.69	0.1172
Middle		1	0	24.19	0.2624	20.54	0.1132
Highest		1	0	24.00	0.2512	20.35	0.1084
Lowest	16QAM	1	0	23.41	0.2193	19.76	0.0946
Middle		1	0	23.41	0.2193	19.76	0.0946
Highest		1	0	23.11	0.2046	19.46	0.0883
Lowest	64QAM	1	8	22.45	0.1758	18.80	0.0759
Middle		1	8	22.24	0.1675	18.59	0.0723
Highest		1	8	22.12	0.1629	18.47	0.0703
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.32	0.2704	20.67	0.1167
Middle		1	0	24.23	0.2649	20.58	0.1143
Highest		1	0	24.18	0.2618	20.53	0.1130
Lowest	16QAM	1	0	23.50	0.2239	19.85	0.0966
Middle		1	0	23.42	0.2198	19.77	0.0948
Highest		1	0	23.20	0.2089	19.55	0.0902
Lowest	64QAM	1	0	22.44	0.1754	18.79	0.0757
Middle		1	0	22.38	0.1730	18.73	0.0746
Highest		1	0	22.19	0.1656	18.54	0.0714
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.35	0.2723	20.70	0.1175
Middle		1	0	24.24	0.2655	20.59	0.1146
Highest		1	0	24.15	0.2600	20.50	0.1122
Lowest	16QAM	1	0	23.42	0.2198	19.77	0.0948
Middle		1	0	23.32	0.2148	19.67	0.0927
Highest		1	0	23.16	0.2070	19.51	0.0893
Lowest	64QAM	1	0	22.41	0.1742	18.76	0.0752
Middle		1	0	22.33	0.1710	18.68	0.0738
Highest		1	0	22.16	0.1644	18.51	0.0710
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	24.19	0.2624	22.99	0.1991
Middle		1.00	0.00	23.97	0.2495	22.77	0.1892
Highest		1.00	0.00	24.26	0.2667	23.06	0.2023
Lowest	16QAM	1.00	24.00	23.11	0.2046	21.91	0.1552
Middle		1.00	24.00	23.16	0.2070	21.96	0.1570
Highest		1.00	24.00	23.29	0.2133	22.09	0.1618
Lowest	64QAM	1.00	12.00	22.07	0.1611	20.87	0.1222
Middle		1.00	12.00	22.10	0.1622	20.90	0.1230
Highest		1.00	12.00	22.26	0.1683	21.06	0.1276
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	24.19	0.2624	22.99	0.1991
Middle		1.00	0.00	23.97	0.2495	22.77	0.1892
Highest		1.00	0.00	24.26	0.2667	23.06	0.2023
Lowest	16QAM	1.00	49	23.11	0.2046	21.91	0.1552
Middle		1.00	49	23.16	0.2070	21.96	0.1570
Highest		1.00	49	23.29	0.2133	22.09	0.1618
Lowest	64QAM	1.00	25	22.07	0.1611	20.87	0.1222
Middle		1.00	25	22.10	0.1622	20.90	0.1230
Highest		1.00	25	22.26	0.1683	21.06	0.1276
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	24.19	0.2624	22.99	0.1991
Middle		1.00	0.00	23.97	0.2495	22.77	0.1892
Highest		1.00	0.00	24.26	0.2667	23.06	0.2023
Lowest	16QAM	1.00	74.00	23.11	0.2046	21.91	0.1552
Middle		1.00	74.00	23.16	0.2070	21.96	0.1570
Highest		1.00	74.00	23.29	0.2133	22.09	0.1618
Lowest	64QAM	1.00	37.00	22.07	0.1611	20.87	0.1222
Middle		1.00	37.00	22.10	0.1622	20.90	0.1230
Highest		1.00	37.00	22.26	0.1683	21.06	0.1276
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	49.00	24.37	0.2735	23.17	0.2075
Middle		1.00	49.00	24.42	0.2767	23.22	0.2099
Highest		1.00	49.00	24.45	0.2786	23.25	0.2113
Lowest	16QAM	1.00	0.00	23.41	0.2193	22.21	0.1663
Middle		1.00	0.00	23.42	0.2198	22.22	0.1667
Highest		1.00	0.00	23.47	0.2223	22.27	0.1687
Lowest	64QAM	1.00	49.00	22.25	0.1679	21.05	0.1274
Middle		1.00	49.00	22.20	0.1660	21.00	0.1259
Highest		1.00	49.00	22.39	0.1734	21.19	0.1315
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.36	0.2729	20.11	0.1026
Middle		3	1	24.36	0.2729	20.11	0.1026
Highest		3	1	24.39	0.2748	20.14	0.1033
Lowest	16QAM	1	3	23.62	0.2301	19.37	0.0865
Middle		1	3	23.56	0.2270	19.31	0.0853
Highest		1	3	23.61	0.2296	19.36	0.0863
Lowest	64QAM	1	3	22.60	0.1820	18.35	0.0684
Middle		1	3	22.56	0.1803	18.31	0.0678
Highest		1	3	22.59	0.1816	18.34	0.0682
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	24.43	0.2773	20.18	0.1042
Middle		1	14	24.36	0.2729	20.11	0.1026
Highest		1	14	24.29	0.2685	20.04	0.1009
Lowest	16QAM	1	8	23.41	0.2193	19.16	0.0824
Middle		1	8	23.42	0.2198	19.17	0.0826
Highest		1	8	23.48	0.2228	19.23	0.0838
Lowest	64QAM	1	14	22.45	0.1758	18.20	0.0661
Middle		1	14	22.42	0.1746	18.17	0.0656
Highest		1	14	22.43	0.1750	18.18	0.0658
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.44	0.2780	20.19	0.1045
Middle		1	24	24.27	0.2673	20.02	0.1005
Highest		1	24	24.29	0.2685	20.04	0.1009
Lowest	16QAM	1	24	23.47	0.2223	19.22	0.0836
Middle		1	24	23.42	0.2198	19.17	0.0826
Highest		1	24	23.44	0.2208	19.19	0.0830
Lowest	64QAM	1	24	22.42	0.1746	18.17	0.0656
Middle		1	24	22.50	0.1778	18.25	0.0668
Highest		1	24	22.39	0.1734	18.14	0.0652
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.48	0.2805	20.23	0.1054
Middle		1	0	24.41	0.2761	20.16	0.1038
Highest		1	0	24.37	0.2735	20.12	0.1028
Lowest	16QAM	1	49	23.49	0.2234	19.24	0.0839
Middle		1	49	23.47	0.2223	19.22	0.0836
Highest		1	49	23.42	0.2198	19.17	0.0826
Lowest	64QAM	1	49	22.44	0.1754	18.19	0.0659
Middle		1	49	22.44	0.1754	18.19	0.0659
Highest		1	49	22.40	0.1738	18.15	0.0653
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -2.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.26	0.2667	19.91	0.0979
Middle		1	0	24.34	0.2716	19.99	0.0998
Highest		1	0	24.22	0.2642	19.87	0.0971
Lowest	16QAM	1	24	23.42	0.2198	19.07	0.0807
Middle		1	24	23.48	0.2228	19.13	0.0818
Highest		1	24	23.28	0.2128	18.93	0.0782
Lowest	64QAM	1	24	22.43	0.1750	18.08	0.0643
Middle		1	24	22.45	0.1758	18.10	0.0646
Highest		1	24	22.26	0.1683	17.91	0.0618
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -2.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.36	0.2729	20.01	0.1002
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	23.38	0.2178	19.03	0.0800
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.33	0.1710	17.98	0.0628
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.36	0.2729	20.11	0.1026
Middle		1	0	24.21	0.2636	19.96	0.0991
Highest		1	0	24.14	0.2594	19.89	0.0975
Lowest	16QAM	1	12	23.38	0.2178	19.13	0.0818
Middle		1	12	23.40	0.2188	19.15	0.0822
Highest		1	12	23.45	0.2213	19.20	0.0832
Lowest	64QAM	1	12	22.42	0.1746	18.17	0.0656
Middle		1	12	22.49	0.1774	18.24	0.0667
Highest		1	12	22.33	0.1710	18.08	0.0643
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.35	0.2723	20.10	0.1023
Middle		1	0	24.29	0.2685	20.04	0.1009
Highest		1	0	24.38	0.2742	20.13	0.1030
Lowest	16QAM	1	25	23.42	0.2198	19.17	0.0826
Middle		1	25	23.46	0.2218	19.21	0.0834
Highest		1	25	23.46	0.2218	19.21	0.0834
Lowest	64QAM	1	25	22.38	0.1730	18.13	0.0650
Middle		1	25	22.40	0.1738	18.15	0.0653
Highest		1	25	22.39	0.1734	18.14	0.0652
Limit	ERP < 3W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	21.14	0.1300	17.49	0.0561
Middle		1	3	21.30	0.1349	17.65	0.0582
Highest		1	3	21.15	0.1303	17.50	0.0562
Lowest	16QAM	1	3	20.85	0.1216	17.20	0.0525
Middle		1	3	21.07	0.1279	17.42	0.0552
Highest		1	3	20.80	0.1202	17.15	0.0519
Lowest	64QAM	1	3	21.22	0.1324	17.57	0.0571
Middle		1	3	21.44	0.1393	17.79	0.0601
Highest		1	3	21.08	0.1282	17.43	0.0553
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	21.17	0.1309	17.52	0.0565
Middle		1	0	21.32	0.1355	17.67	0.0585
Highest		1	0	21.16	0.1306	17.51	0.0564
Lowest	16QAM	1	8	20.84	0.1213	17.19	0.0524
Middle		1	8	21.08	0.1282	17.43	0.0553
Highest		1	8	20.81	0.1205	17.16	0.0520
Lowest	64QAM	1	0	21.41	0.1384	17.76	0.0597
Middle		1	0	21.49	0.1409	17.84	0.0608
Highest		1	0	21.31	0.1352	17.66	0.0583
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.66	0.2323	20.01	0.1002
Middle		1	0	23.82	0.2410	20.17	0.1040
Highest		1	0	23.68	0.2333	20.03	0.1007
Lowest	16QAM	1	0	22.93	0.1963	19.28	0.0847
Middle		1	0	22.99	0.1991	19.34	0.0859
Highest		1	0	22.93	0.1963	19.28	0.0847
Lowest	64QAM	1	0	21.93	0.1560	18.28	0.0673
Middle		1	0	21.98	0.1578	18.33	0.0681
Highest		1	0	21.94	0.1563	18.29	0.0675
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	23.72	0.2355	20.07	0.1016
Middle		1	25	23.82	0.2410	20.17	0.1040
Highest		1	25	23.70	0.2344	20.05	0.1012
Lowest	16QAM	1	25	22.92	0.1959	19.27	0.0845
Middle		1	25	22.99	0.1991	19.34	0.0859
Highest		1	25	22.97	0.1982	19.32	0.0855
Lowest	64QAM	1	25	21.99	0.1581	18.34	0.0682
Middle		1	25	22.00	0.1585	18.35	0.0684
Highest		1	25	21.95	0.1567	18.30	0.0676
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.68	0.2333	20.03	0.1007
Middle		1	0	23.86	0.2432	20.21	0.1050
Highest		1	0	23.83	0.2415	20.18	0.1042
Lowest	16QAM	1	0	22.96	0.1977	19.31	0.0853
Middle		1	0	22.99	0.1991	19.34	0.0859
Highest		1	0	22.96	0.1977	19.31	0.0853
Lowest	64QAM	1	0	21.96	0.1570	18.31	0.0678
Middle		1	0	21.98	0.1578	18.33	0.0681
Highest		1	0	21.96	0.1570	18.31	0.0678
Limit	ERP < 7W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.20	0.2089	23.40	0.2188
Middle		3	1	23.71	0.2350	23.91	0.2460
Highest		3	1	23.53	0.2254	23.73	0.2360
Lowest	16QAM	1	3	22.45	0.1758	22.65	0.1841
Middle		1	3	22.93	0.1963	23.13	0.2056
Highest		1	3	22.70	0.1862	22.90	0.1950
Lowest	64QAM	1	3	21.41	0.1384	21.61	0.1449
Middle		1	3	21.91	0.1552	22.11	0.1626
Highest		1	3	21.69	0.1476	21.89	0.1545
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.42	0.2198	23.62	0.2301
Middle		1	0	23.67	0.2328	23.87	0.2438
Highest		1	0	23.59	0.2286	23.79	0.2393
Lowest	16QAM	1	8	22.62	0.1828	22.82	0.1914
Middle		1	8	23.00	0.1995	23.20	0.2089
Highest		1	8	22.79	0.1901	22.99	0.1991
Lowest	64QAM	1	8	21.53	0.1422	21.73	0.1489
Middle		1	8	22.00	0.1585	22.20	0.1660
Highest		1	8	21.91	0.1552	22.11	0.1626
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.31	0.2143	23.51	0.2244
Middle		1	0	23.71	0.2350	23.91	0.2460
Highest		1	0	23.66	0.2323	23.86	0.2432
Lowest	16QAM	1	12	22.63	0.1832	22.83	0.1919
Middle		1	12	22.94	0.1968	23.14	0.2061
Highest		1	12	22.94	0.1968	23.14	0.2061
Lowest	64QAM	1	0	21.47	0.1403	21.67	0.1469
Middle		1	0	21.86	0.1535	22.06	0.1607
Highest		1	0	21.93	0.1560	22.13	0.1633
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.27	0.2123	23.47	0.2223
Middle		1	0	23.71	0.2350	23.91	0.2460
Highest		1	0	23.71	0.2350	23.91	0.2460
Lowest	16QAM	1	25	22.65	0.1841	22.85	0.1928
Middle		1	25	23.00	0.1995	23.20	0.2089
Highest		1	25	22.86	0.1932	23.06	0.2023
Lowest	64QAM	1	25	21.59	0.1442	21.79	0.1510
Middle		1	25	21.93	0.1560	22.13	0.1633
Highest		1	25	21.81	0.1517	22.01	0.1589
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.32	0.2148	23.52	0.2249
Middle		1	0	23.70	0.2344	23.90	0.2455
Highest		1	0	23.58	0.2280	23.78	0.2388
Lowest	16QAM	1	0	22.53	0.1791	22.73	0.1875
Middle		1	0	22.88	0.1941	23.08	0.2032
Highest		1	0	22.97	0.1982	23.17	0.2075
Lowest	64QAM	1	37	21.68	0.1472	21.88	0.1542
Middle		1	37	22.00	0.1585	22.20	0.1660
Highest		1	37	21.91	0.1552	22.11	0.1626
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.54	0.2259	23.74	0.2366
Middle		1	0	23.72	0.2355	23.92	0.2466
Highest		1	0	23.62	0.2301	23.82	0.2410
Lowest	16QAM	1	49	22.64	0.1837	22.84	0.1923
Middle		1	49	23.00	0.1995	23.20	0.2089
Highest		1	49	22.87	0.1936	23.07	0.2028
Lowest	64QAM	1	49	21.61	0.1449	21.81	0.1517
Middle		1	49	22.00	0.1585	22.20	0.1660
Highest		1	49	21.83	0.1524	22.03	0.1596
Limit	EIRP < 1W			Result		PASS	



LTE Band 7_CA / 20 + 20 MHz (GT - LC = -1.2 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	0	0	24.36	0.2729	23.16	0.2070
Middle		1	0	0	0	24.19	0.2624	22.99	0.1991
Highest		1	0	0	0	24.03	0.2529	22.83	0.1919
Lowest	16QAM	0	0	1	99	23.85	0.2427	22.65	0.1841
Middle		0	0	1	99	22.99	0.1991	21.79	0.1510
Highest		0	0	1	99	23.09	0.2037	21.89	0.1545
Lowest	64QAM	1	0	0	0	22.42	0.1746	21.22	0.1324
Middle		1	0	0	0	22.24	0.1675	21.04	0.1271
Highest		1	0	0	0	22.08	0.1614	20.88	0.1225
Limit	EIRP < 2W				Result		PASS		

LTE Band 7_CA / 20 + 15 MHz (GT - LC = -1.2 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	24.14	0.2594	22.94	0.1968
Middle		1	99	1	0	23.89	0.2449	22.69	0.1858
Highest		1	99	1	0	23.90	0.2455	22.70	0.1862
Lowest	16QAM	1	99	1	0	23.21	0.2094	22.01	0.1589
Middle		1	99	1	0	23.03	0.2009	21.83	0.1524
Highest		1	99	1	0	23.02	0.2004	21.82	0.1521
Lowest	64QAM	1	99	1	0	21.23	0.1327	20.03	0.1007
Middle		1	99	1	0	21.01	0.1262	19.81	0.0957
Highest		1	99	1	0	21.04	0.1271	19.84	0.0964
Limit	EIRP < 2W				Result		PASS		

LTE Band 7_CA / 15 + 20 MHz (GT - LC = -1.2 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	24.05	0.2541	22.85	0.1928
Middle		1	74	1	0	23.86	0.2432	22.66	0.1845
Highest		1	74	1	0	23.91	0.2460	22.71	0.1866
Lowest	16QAM	1	74	1	0	23.13	0.2056	21.93	0.1560
Middle		1	74	1	0	22.95	0.1972	21.75	0.1496
Highest		1	74	1	0	23.01	0.2000	21.81	0.1517
Lowest	64QAM	75	0	100	0	21.14	0.1300	19.94	0.0986
Middle		75	0	100	0	20.95	0.1245	19.75	0.0944
Highest		75	0	100	0	21.01	0.1262	19.81	0.0957
Limit	EIRP < 2W				Result		PASS		



LTE Band 7_CA / 20 + 10 MHz (GT - LC = -1.2 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	24.15	0.2600	22.95	0.1972
Middle		1	99	1	0	23.88	0.2443	22.68	0.1854
Highest		1	99	1	0	24.08	0.2559	22.88	0.1941
Lowest	16QAM	1	99	1	0	23.19	0.2084	21.99	0.1581
Middle		1	99	1	0	22.99	0.1991	21.79	0.1510
Highest		1	99	1	0	23.15	0.2065	21.95	0.1567
Lowest	64QAM	100	0	75	0	21.18	0.1312	19.98	0.0995
Middle		100	0	75	0	20.99	0.1256	19.79	0.0953
Highest		100	0	75	0	21.09	0.1285	19.89	0.0975
Limit	EIRP < 2W				Result		PASS		

LTE Band 7_CA / 10 + 20 MHz (GT - LC = -1.2 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	24.12	0.2582	22.92	0.1959
Middle		1	74	1	0	23.94	0.2477	22.74	0.1879
Highest		1	74	1	0	23.93	0.2472	22.73	0.1875
Lowest	16QAM	1	74	1	0	23.22	0.2099	22.02	0.1592
Middle		1	74	1	0	23.05	0.2018	21.85	0.1531
Highest		1	74	1	0	23.04	0.2014	21.84	0.1528
Lowest	64QAM	75	0	100	0	21.28	0.1343	20.08	0.1019
Middle		75	0	100	0	21.03	0.1268	19.83	0.0962
Highest		75	0	100	0	21.03	0.1268	19.83	0.0962
Limit	EIRP < 2W				Result		PASS		

LTE Band 7_CA / 15 + 15 MHz (GT - LC = -1.2 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	24.23	0.2649	23.03	0.2009
Middle		1	74	1	0	23.98	0.2500	22.78	0.1897
Highest		1	74	1	0	24.01	0.2518	22.81	0.1910
Lowest	16QAM	1	74	1	0	23.20	0.2089	22.00	0.1585
Middle		1	74	1	0	23.06	0.2023	21.86	0.1535
Highest		1	74	1	0	23.12	0.2051	21.92	0.1556
Lowest	64QAM	1	74	1	0	21.55	0.1429	20.35	0.1084
Middle		1	74	1	0	21.10	0.1288	19.90	0.0977
Highest		1	74	1	0	21.06	0.1276	19.86	0.0968
Limit	EIRP < 2W				Result		PASS		



LTE Band 7_CA / 15 + 10 MHz (GT - LC = -1.2 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	24.13	0.2588	22.93	0.1963
Middle		1	74	1	0	23.96	0.2489	22.76	0.1888
Highest		1	74	1	0	24.12	0.2582	22.92	0.1959
Lowest	16QAM	1	74	1	0	23.40	0.2188	22.20	0.1660
Middle		1	74	1	0	23.05	0.2018	21.85	0.1531
Highest		1	74	1	0	23.18	0.2080	21.98	0.1578
Lowest	64QAM	1	74	1	0	21.31	0.1352	20.11	0.1026
Middle		1	74	1	0	20.99	0.1256	19.79	0.0953
Highest		1	74	1	0	21.16	0.1306	19.96	0.0991
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	3420	-55.68	-13	-42.68	-72.84	-67.27	0.77	12.36	H
	5136	-44.90	-13	-31.90	-65.6	-56.4	0.97	12.47	H
	6846	-49.02	-13	-36.02	-72.71	-59.84	0.82	11.64	H
	8556	-44.29	-13	-31.29	-71.6	-54.91	1.36	11.98	H
									H
									H
									H
	3420	-55.49	-13	-42.49	-72.46	-67.08	0.77	12.36	V
	5136	-49.70	-13	-36.70	-70.57	-61.2	0.97	12.47	V
	6846	-51.70	-13	-38.70	-75.86	-62.52	0.82	11.64	V
	8556	-45.11	-13	-32.11	-72.25	-55.73	1.36	11.98	V
Middle									V
									V
									V
	3450	-55.01	-13	-42.01	-72.19	-66.68	0.78	12.45	H
	5172	-42.77	-13	-29.77	-63.53	-54.33	0.98	12.54	H
	6894	-49.52	-13	-36.52	-73.32	-60.13	0.93	11.53	H
	8616	-45.32	-13	-32.32	-73.2	-56	1.39	12.06	H
									H
									H
									H
	3450	-53.52	-13	-40.52	-70.79	-65.19	0.78	12.45	V
	5172	-49.87	-13	-36.87	-70.79	-61.43	0.98	12.54	V
	6894	-51.85	-13	-38.85	-76.06	-62.46	0.93	11.53	V
	8616	-45.41	-13	-32.41	-72.97	-56.09	1.39	12.06	V
									V
									V
									V



Highest	3474	-54.60	-13	-41.60	-71.84	-66.34	0.78	12.52	H
	5208	-44.13	-13	-31.13	-64.95	-55.75	0.99	12.62	H
	6942	-49.38	-13	-36.38	-73.29	-59.77	1.03	11.43	H
	8682	-43.37	-13	-30.37	-71.4	-54.13	1.39	12.15	H
									H
									H
									H
	3474	-53.68	-13	-40.68	-71.59	-65.42	0.78	12.52	V
	5208	-48.35	-13	-35.35	-69.33	-59.97	0.99	12.62	V
	6942	-51.75	-13	-38.75	-76.02	-62.14	1.03	11.43	V
	8682	-44.36	-13	-31.36	-72.14	-55.12	1.39	12.15	V
									V
									V
									V

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



## LTE Band 5

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	-60.92	-13	-47.92	-70.83	-67.87	0.53	9.63	H
	2472	-59.85	-13	-46.85	-73.29	-67.83	0.65	10.78	H
	3296	-58.13	-13	-45.13	-74.27	-67.21	0.76	11.99	H
									H
									H
									H
									H
	1648	-57.85	-13	-44.85	-67.47	-64.8	0.53	9.63	V
	2472	-58.66	-13	-45.66	-72.59	-66.64	0.65	10.78	V
	3296	-58.28	-13	-45.28	-74.39	-67.36	0.76	11.99	V
Middle									V
									V
									V
									V
	1664	-57.06	-13	-44.06	-67.15	-64.04	0.53	9.66	H
	2496	-60.20	-13	-47.20	-73.61	-68.19	0.65	10.80	H
	3328	-58.35	-13	-45.35	-74.56	-67.52	0.76	12.08	H
									H
									H
									H
Highest	1664	-56.26	-13	-43.26	-65.95	-63.24	0.53	9.66	V
	2496	-59.84	-13	-46.84	-73.67	-67.83	0.65	10.80	V
	3328	-58.56	-13	-45.56	-74.58	-67.73	0.76	12.08	V
									V
									V
									V
									V
									V
									V
									V



Highest	1680	-56.45	-13	-43.45	-66.7	-63.47	0.53	9.70	H
	2520	-60.32	-13	-47.32	-73.77	-68.32	0.66	10.81	H
	3360	-58.33	-13	-45.33	-74.57	-67.59	0.77	12.18	H
									H
									H
									H
									H
	1680	-55.32	-13	-42.32	-65.07	-62.34	0.53	9.70	V
	2520	-59.32	-13	-46.32	-73.15	-67.32	0.66	10.81	V
	3360	-58.63	-13	-45.63	-74.61	-67.89	0.77	12.18	V
									V
									V
									V
									V

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



## LTE Band 7

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	5022	-49.26	-25	-24.26	-69.77	-60.56	0.94	12.24	H
	7530	-42.82	-25	-17.82	-67.74	-52.12	1.18	10.48	H
	10044	-41.68	-25	-16.68	-72.72	-52.33	1.37	12.02	H
									H
									H
									H
									H
	5022	-49.31	-25	-24.31	-70	-60.61	0.94	12.24	V
	7530	-40.33	-25	-15.33	-65.3	-49.63	1.18	10.48	V
	10044	-42.18	-25	-17.18	-72.91	-52.83	1.37	12.02	V
									V
									V
									V
									V
Middle	5070	-49.39	-25	-24.39	-69.96	-60.77	0.96	12.34	H
	7608	-43.39	-25	-18.39	-68.54	-52.91	1.18	10.70	H
	10134	-42.95	-25	-17.95	-73.95	-53.42	1.38	11.85	H
									H
									H
									H
									H
	5070	-49.35	-25	-24.35	-70.09	-60.73	0.96	12.34	V
	7608	-42.47	-25	-17.47	-67.35	-51.99	1.18	10.70	V
	10134	-42.70	-25	-17.70	-73.42	-53.17	1.38	11.85	V
									V
									V
									V



Highest	5118	-50.89	-25	-25.89	-71.55	-62.36	0.97	12.44	H
	7680	-41.38	-25	-16.38	-66.66	-51.1	1.19	10.90	H
	10236	-44.52	-25	-19.52	-75.48	-54.78	1.39	11.65	H
									H
									H
									H
									H
	5118	-48.66	-25	-23.66	-69.49	-60.13	0.97	12.44	V
	7680	-40.29	-25	-15.29	-65.41	-50.01	1.19	10.90	V
	10236	-44.59	-25	-19.59	-75.32	-54.85	1.39	11.65	V
									V
									V
									V
									V

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

**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	-50.14	-13.00	-37.14	-61.25	-56.19	0.50	8.70	H
	2100	-60.25	-13.00	-47.25	-73.74	-67.99	0.59	10.48	H
	2800	-59.27	-13.00	-46.27	-73.68	-67.40	0.70	10.98	H
									H
									H
									H
									H
	1400	-49.67	-13.00	-36.67	-60.84	-55.72	0.50	8.70	V
	2100	-60.23	-13.00	-47.23	-73.48	-67.97	0.59	10.48	V
	2800	-58.93	-13.00	-45.93	-73.76	-67.06	0.70	10.98	V
									V
Middle	1408	-51.31	-13.00	-38.31	-62.52	-57.41	0.50	8.75	H
	2112	-59.59	-13.00	-46.59	-73.38	-67.34	0.59	10.49	H
	2816	-59.31	-13.00	-46.31	-73.77	-67.44	0.71	10.99	H
									H
									H
									H
	1408	-50.97	-13.00	-37.97	-61.98	-57.07	0.50	8.75	V
	2112	-59.62	-13.00	-46.62	-73.23	-67.37	0.59	10.49	V
	2816	-59.20	-13.00	-46.20	-74.04	-67.33	0.71	10.99	V
									V
									V
									V



Highest	1416	-53.41	-13.00	-40.41	-64.62	-59.55	0.50	8.80	H
	2124	-59.84	-13.00	-46.84	-73.90	-67.60	0.59	10.50	H
	2832	-59.49	-13.00	-46.49	-74.01	-67.63	0.71	11.00	H
									H
									H
									H
									H
	1416	-52.78	-13.00	-39.78	-63.79	-58.92	0.50	8.80	V
	2124	-60.28	-13.00	-47.28	-74.23	-68.04	0.59	10.50	V
	2832	-59.06	-13.00	-46.06	-73.90	-67.20	0.71	11.00	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	1560	-61.94	-42.15	-19.79	-72.36	-68.71	0.51	9.43	H
	2336	-59.66	-13	-46.66	-73.82	-67.56	0.62	10.67	H
	3120	-58.64	-13	-45.64	-74.23	-67.21	0.74	11.46	H
									H
									H
									H
									H
	1560	-62.46	-42.15	-20.31	-72.31	-69.23	0.51	9.43	V
	2336	-59.15	-13	-46.15	-73.83	-67.05	0.62	10.67	V
	3120	-57.93	-13	-44.93	-73.75	-66.50	0.74	11.46	V
									V
Middle	1564	-62.29	-42.15	-20.14	-72.71	-69.07	0.52	9.44	H
	2346	-59.63	-13	-46.63	-73.67	-67.53	0.62	10.68	H
	3128	-58.83	-13	-45.83	-74.42	-67.42	0.74	11.48	H
									H
									H
									H
	1564	-62.50	-42.15	-20.35	-72.35	-69.28	0.52	9.44	V
	2346	-59.11	-13	-46.11	-73.73	-67.01	0.62	10.68	V
	3128	-58.45	-13	-45.45	-74.27	-67.04	0.74	11.48	V
									V
									V
									V



Highest	1568	-62.28	-42.15	-20.13	-72.24	-69.06	0.52	9.45	H
	2352	-59.80	-13	-46.80	-73.82	-67.71	0.63	10.68	H
	3136	-58.65	-13	-45.65	-74.33	-67.26	0.74	11.51	H
									H
									H
									H
									H
	1568	-62.39	-42.15	-20.24	-72.09	-69.17	0.52	9.45	V
	2352	-58.76	-13	-45.76	-73.36	-66.67	0.63	10.68	V
	3136	-58.39	-13	-45.39	-74.35	-67.00	0.74	11.51	V
									V
									V
									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	1560	-62.25	-42.15	-20.10	-72.67	-69.02	0.51	9.43	H
	2336	-59.48	-13	-46.48	-73.64	-67.38	0.62	10.67	H
	3120	-58.47	-13	-45.47	-74.06	-67.04	0.74	11.46	H
									H
									H
									H
									H
	1560	-62.43	-42.15	-20.28	-72.28	-69.2	0.51	9.43	V
	2336	-59.05	-13	-46.05	-73.73	-66.95	0.62	10.67	V
	3120	-58.43	-13	-45.43	-74.25	-67	0.74	11.46	V
									V
									V
									V

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

**LTE Band 26**

LTE Band 26 / 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	1648	-61.40	-13	-48.40	-71.31	-68.35	0.53	9.63	H
	2472	-60.58	-13	-47.58	-74.02	-68.56	0.65	10.78	H
	3296	-58.80	-13	-45.80	-74.94	-67.88	0.76	11.99	H
									H
									H
									H
									H
	1648	-59.75	-13	-46.75	-69.37	-66.7	0.53	9.63	V
	2472	-59.00	-13	-46.00	-72.93	-66.98	0.65	10.78	V
	3296	-58.74	-13	-45.74	-74.85	-67.82	0.76	11.99	V
Middle									V
									V
									V
									V
	1656	-61.47	-13	-48.47	-71.42	-68.44	0.53	9.64	H
	2484	-60.77	-13	-47.77	-74.17	-68.76	0.65	10.79	H
	3312	-58.44	-13	-45.44	-74.61	-67.57	0.76	12.04	H
									H
									H
									H
	1656	-59.58	-13	-46.58	-69.24	-66.55	0.53	9.64	V
	2484	-59.94	-13	-46.94	-73.76	-67.93	0.65	10.79	V
	3312	-58.54	-13	-45.54	-74.6	-67.67	0.76	12.04	V
									V
									V
									V



Highest	1672	-62.46	-13	-49.46	-72.55	-69.46	0.53	9.68	H
	2508	-60.42	-13	-47.42	-73.84	-68.42	0.66	10.80	H
	3344	-58.58	-13	-45.58	-74.78	-67.8	0.76	12.13	H
									H
									H
									H
									H
	1672	-62.21	-13	-49.21	-71.9	-69.21	0.53	9.68	V
	2508	-60.36	-13	-47.36	-74.19	-68.36	0.66	10.80	V
	3344	-59.01	-13	-46.01	-75.02	-68.23	0.76	12.13	V
									V
									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	3420	-56.86	-13	-43.86	-74.02	-68.45	0.77	12.36	H
	5136	-44.76	-13	-31.76	-65.46	-56.26	0.97	12.47	H
	6846	-50.84	-13	-37.84	-74.53	-61.66	0.82	11.64	H
	8556	-47.05	-13	-34.05	-74.36	-57.67	1.36	11.98	H
									H
									H
									H
	3420	-55.72	-13	-42.72	-72.69	-67.31	0.77	12.36	V
	5136	-49.07	-13	-36.07	-69.94	-60.57	0.97	12.47	V
	6846	-52.09	-13	-39.09	-76.25	-62.91	0.82	11.64	V
Middle	8556	-45.83	-13	-32.83	-72.97	-56.45	1.36	11.98	V
									V
									V
									V
	3474	-55.54	-13	-42.54	-72.78	-67.28	0.78	12.52	H
	5208	-51.84	-13	-38.84	-72.66	-63.46	0.99	12.62	H
	8682	-44.80	-13	-31.80	-72.83	-55.56	1.39	12.15	H
									H
									H
									H
Middle	3474	-54.50	-13	-41.50	-72.41	-66.24	0.78	12.52	V
	5208	-53.22	-13	-40.22	-74.2	-64.84	0.99	12.62	V
	8682	-46.59	-13	-33.59	-74.37	-57.35	1.39	12.15	V
									V
									V
									V
									V
									V
									V
									V



Highest	3522	-54.97	-13	-41.97	-72.14	-66.78	0.78	12.59	H
	5286	-42.96	-13	-29.96	-63.98	-54.71	1.02	12.77	H
	8808	-42.33	-13	-29.33	-70.74	-53.26	1.40	12.33	H
									H
									H
									H
									H
	3522	-53.93	-13	-40.93	-72.09	-65.74	0.78	12.59	V
	5286	-47.10	-13	-34.10	-68.26	-58.85	1.02	12.77	V
	8808	-43.97	-13	-30.97	-72.31	-54.90	1.40	12.33	V
									V
									V
									V
									V

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

LTE Band 7(2CA)

LTE Band 7 / 20MHz+20 MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-48.88	-25	-23.88	-69.36	-60.15	0.94	12.21	H
	7506	-43.83	-25	-18.83	-68.7	-53.07	1.18	10.42	H
	10008	-41.51	-25	-16.51	-72.56	-52.23	1.37	12.08	H
									H
									H
									H
									H
	5004	-51.17	-25	-26.17	-71.83	-62.44	0.94	12.21	V
	7506	-43.22	-25	-18.22	-68.23	-52.46	1.18	10.42	V
	10008	-40.33	-25	-15.33	-71.05	-51.05	1.37	12.08	V
									V
									V
									V
									V
Middle	5052	-51.14	-25	-26.14	-71.68	-62.49	0.95	12.30	H
	7578	-45.33	-25	-20.33	-70.39	-54.77	1.18	10.62	H
	10104	-44.95	-25	-19.95	-75.95	-55.48	1.38	11.90	H
									H
									H
									H
	5052	-51.18	-25	-26.18	-71.9	-62.53	0.95	12.30	V
	7578	-46.33	-25	-21.33	-71.18	-55.77	1.18	10.62	V
	10104	-43.94	-25	-18.94	-74.66	-54.47	1.38	11.90	V
									V
									V
									V
									V



Highest	5100	-52.27	-25	-27.27	-72.9	-63.71	0.96	12.40	H
	7650	-45.73	-25	-20.73	-70.94	-55.37	1.18	10.82	H
	10200	-44.77	-25	-19.77	-75.75	-55.1	1.39	11.72	H
									H
									H
									H
									H
	5100	-51.22	-25	-26.22	-72.02	-62.66	0.96	12.40	V
	7650	-45.09	-25	-20.09	-70.08	-54.73	1.18	10.82	V
	10200	-44.97	-25	-19.97	-75.7	-55.3	1.39	11.72	V
									V
									V
									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	3704	-57.16	-13	-44.16	-74.15	-68.95	0.72	12.52	H
	5556	-49.60	-13	-36.60	-71.41	-61.77	1.00	13.17	H
	7408	-51.58	-13	-38.58	-76.66	-60.96	1.18	10.57	H
									H
									H
									H
									H
	3704	-55.43	-13	-42.43	-73.59	-67.22	0.72	12.52	V
	5556	-51.77	-13	-38.77	-73.7	-63.94	1.00	13.17	V
	7408	-51.83	-13	-38.83	-76.76	-61.21	1.18	10.57	V
									V
Middle	3744	-56.45	-13	-43.45	-73.56	-68.25	0.70	12.50	H
	5616	-52.81	-13	-39.81	-74.54	-64.96	0.98	13.13	H
	7488	-51.66	-13	-38.66	-76.57	-60.9	1.18	10.42	H
									H
									H
									H
	3744	-52.91	-13	-39.91	-71.21	-64.71	0.70	12.50	V
	5616	-50.05	-13	-37.05	-71.95	-62.2	0.98	13.13	V
	7488	-51.56	-13	-38.56	-76.55	-60.8	1.18	10.42	V
									V
									V
									V



Highest	3792	-56.76	-13	-43.76	-73.95	-68.57	0.67	12.48	H
	5688	-48.34	-13	-35.34	-70.07	-60.44	0.99	13.09	H
	7584	-50.93	-13	-37.93	-76	-60.38	1.18	10.64	H
									H
									H
									H
									H
	3792	-54.59	-13	-41.59	-73	-66.4	0.67	12.48	V
	5688	-43.34	-13	-30.34	-65.26	-55.44	0.99	13.09	V
	7584	-51.45	-13	-38.45	-76.31	-60.9	1.18	10.64	V
									V
									V
									V
									V

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