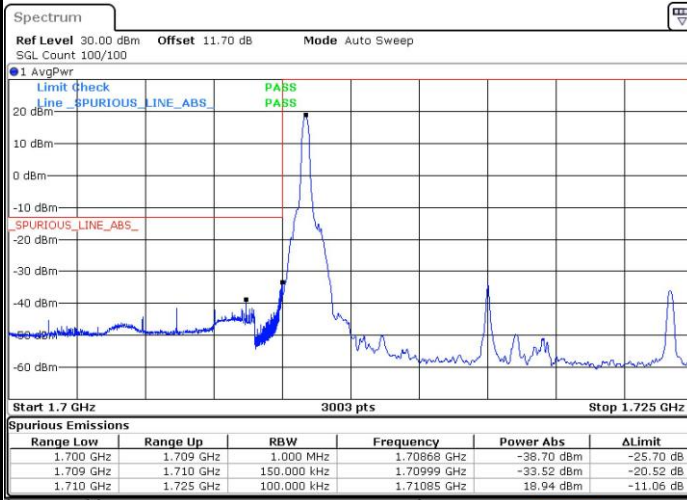




LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



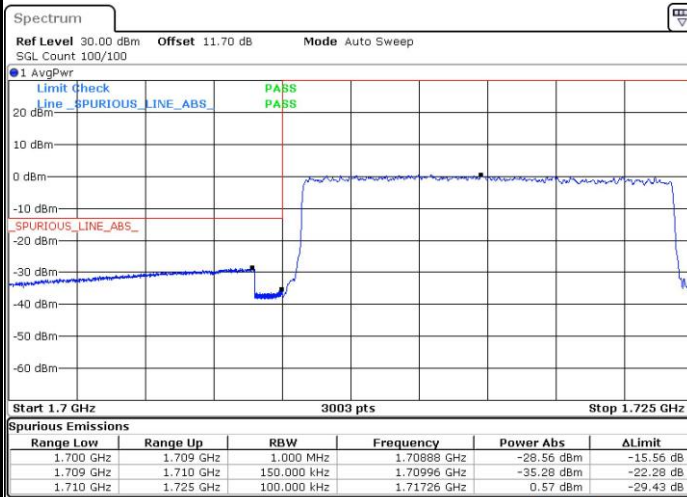
Date: 4.OCT.2018 17:22:11

Highest Band Edge / 1 RB



Date: 4.OCT.2018 17:26:18

Lowest Band Edge / Full RB



Date: 4.OCT.2018 17:23:11

Highest Band Edge / Full RB

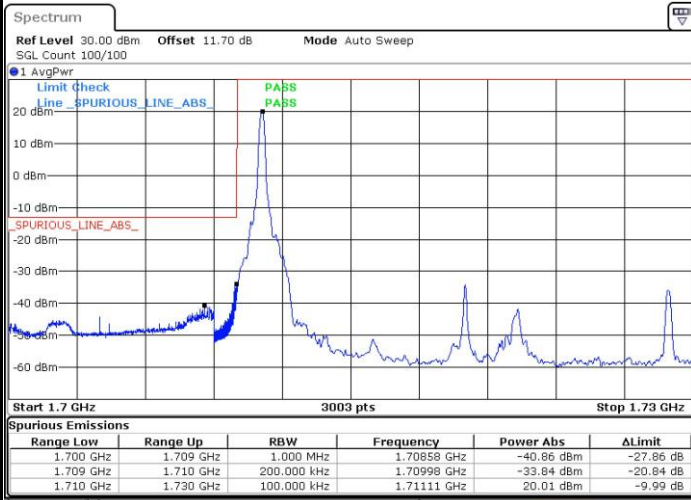


Date: 4.OCT.2018 17:27:18



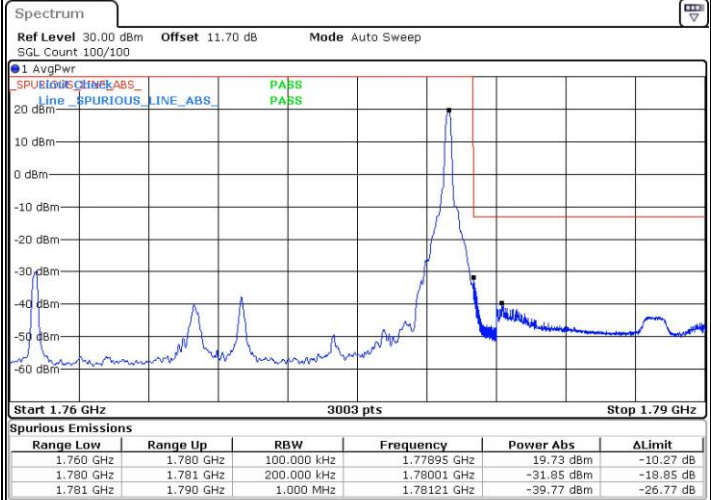
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



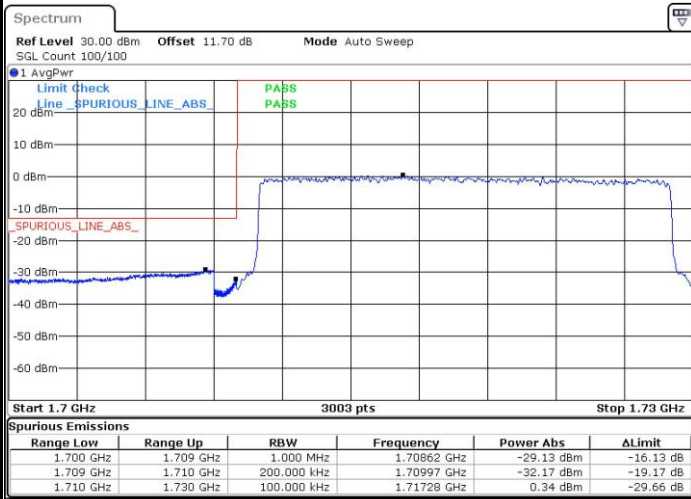
Date: 4.OCT.2018 17:45:12

Highest Band Edge / 1 RB



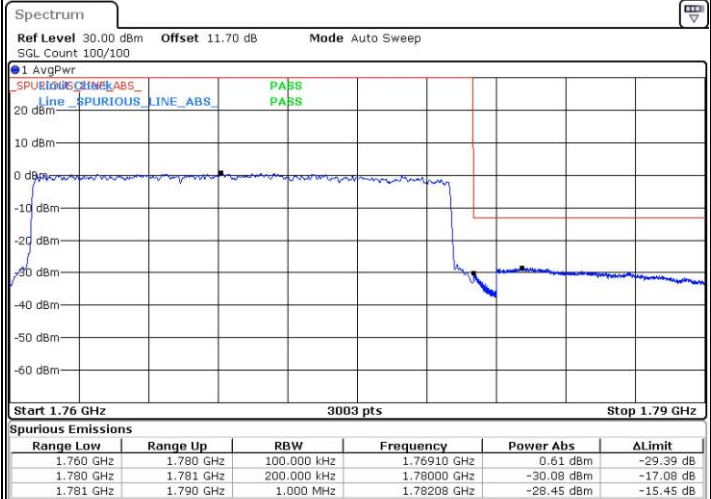
Date: 4.OCT.2018 17:52:09

Lowest Band Edge / Full RB



Date: 4.OCT.2018 17:46:32

Highest Band Edge / Full RB

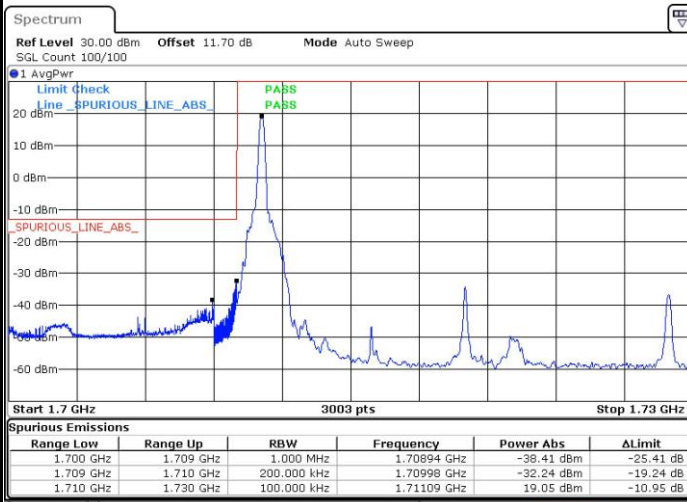


Date: 4.OCT.2018 17:53:29



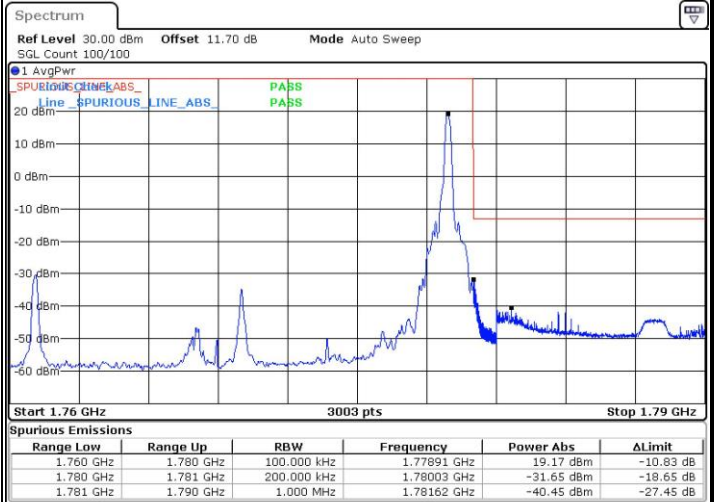
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



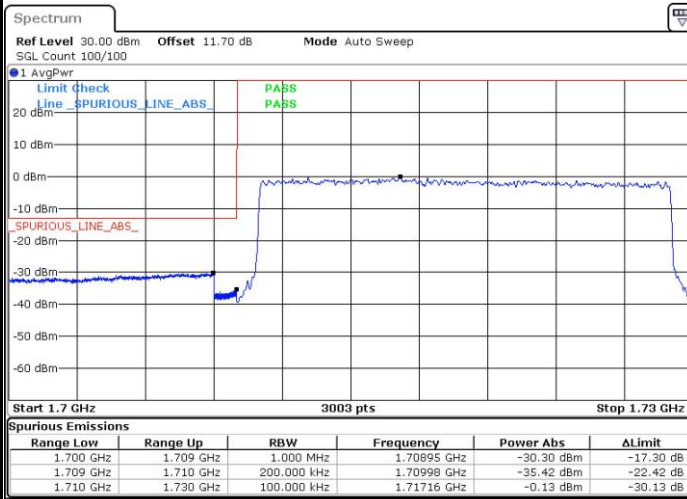
Date: 4 OCT.2018 17:45:52

Highest Band Edge / 1 RB



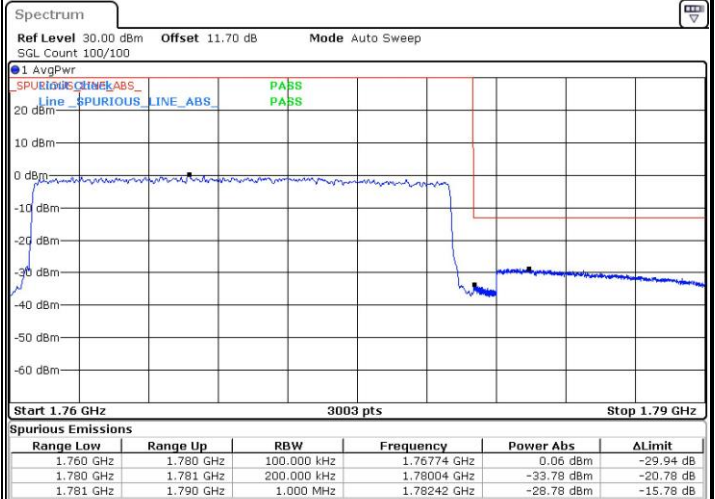
Date: 4 OCT.2018 17:52:49

Lowest Band Edge / Full RB



Date: 4 OCT.2018 17:47:12

Highest Band Edge / Full RB

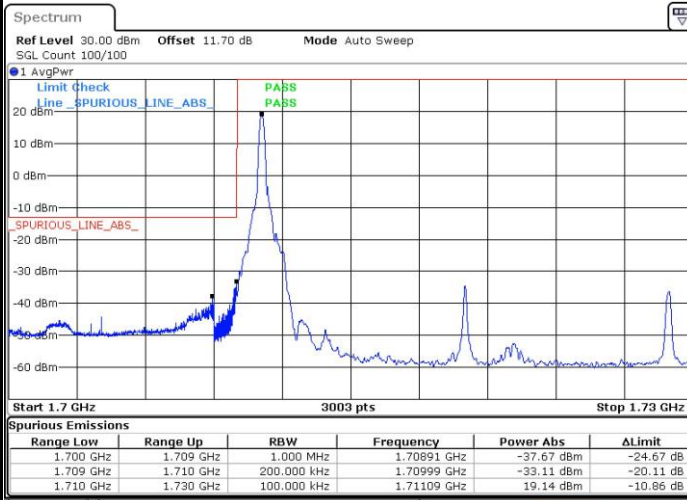


Date: 4 OCT.2018 17:54:09



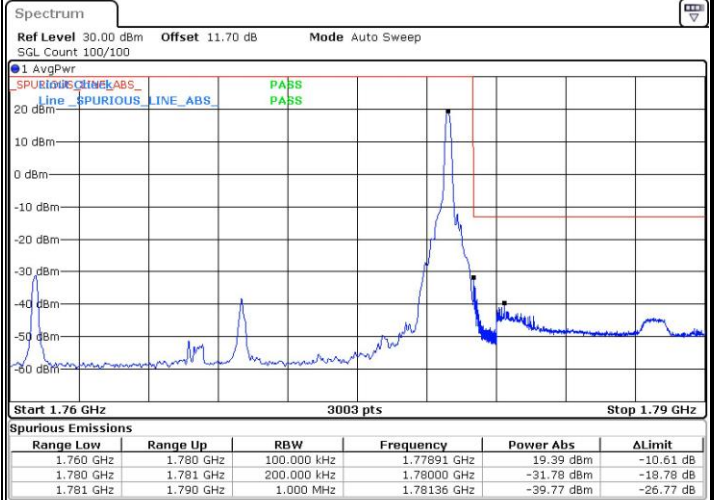
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 4.OCT.2018 17:29:22

Highest Band Edge / 1 RB



Date: 4.OCT.2018 17:33:30

Lowest Band Edge / Full RB



Date: 4.OCT.2018 17:30:22

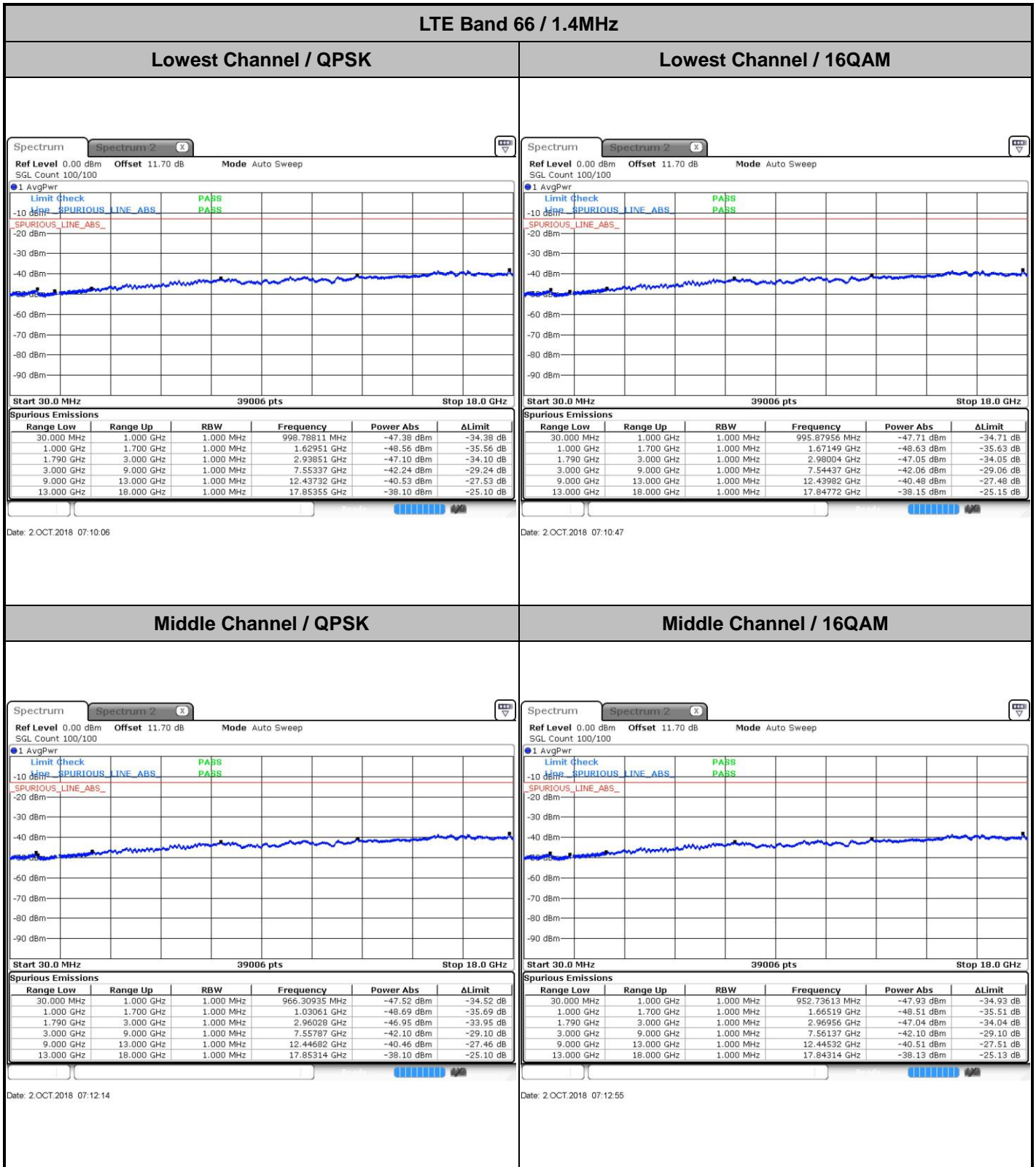
Highest Band Edge / Full RB



Date: 4.OCT.2018 17:34:30



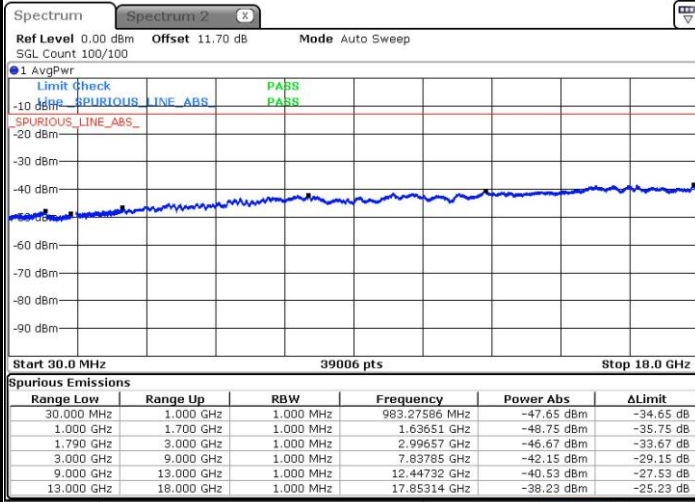
# Conducted Spurious Emission





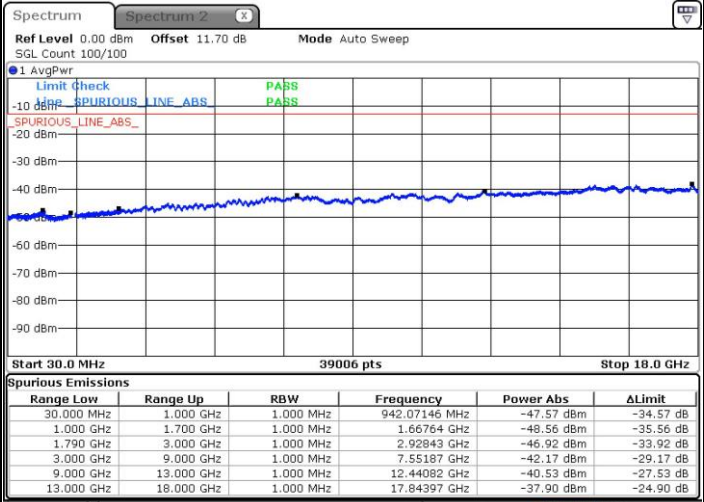
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 2.OCT.2018 07:19:42

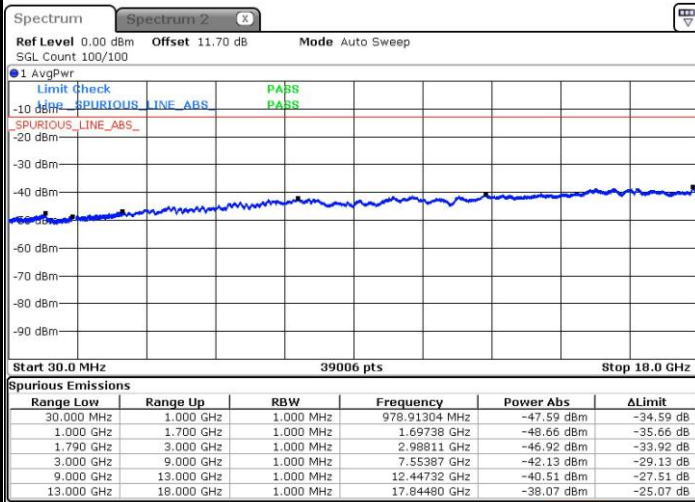
Highest Channel / 16QAM



Date: 2.OCT.2018 07:20:23

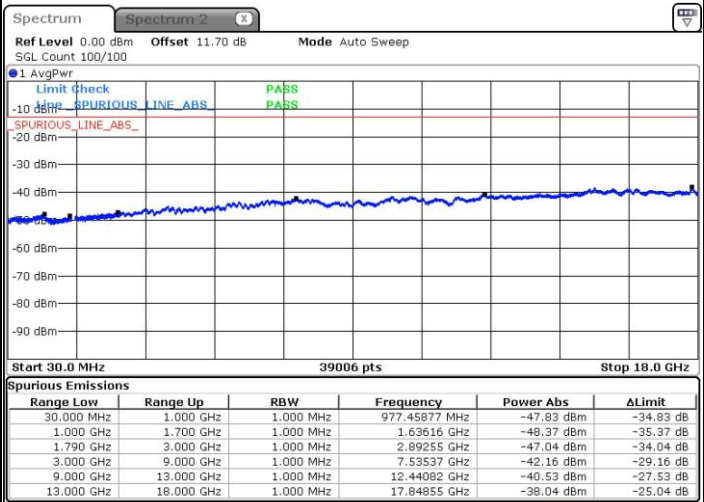
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 2.OCT.2018 07:36:35

Lowest Channel / 16QAM



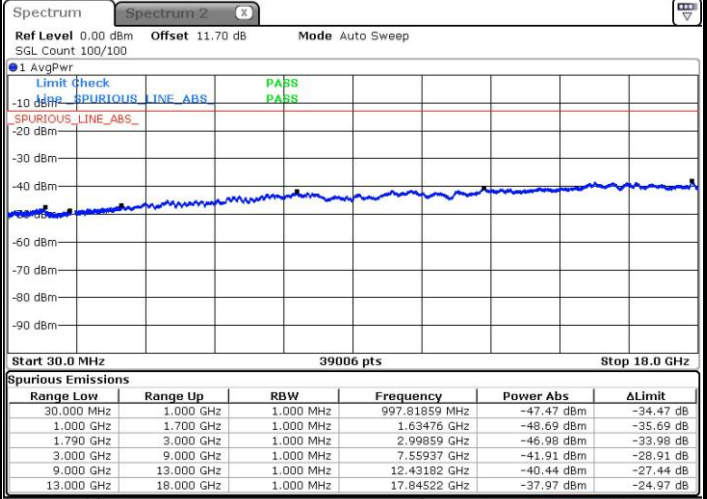
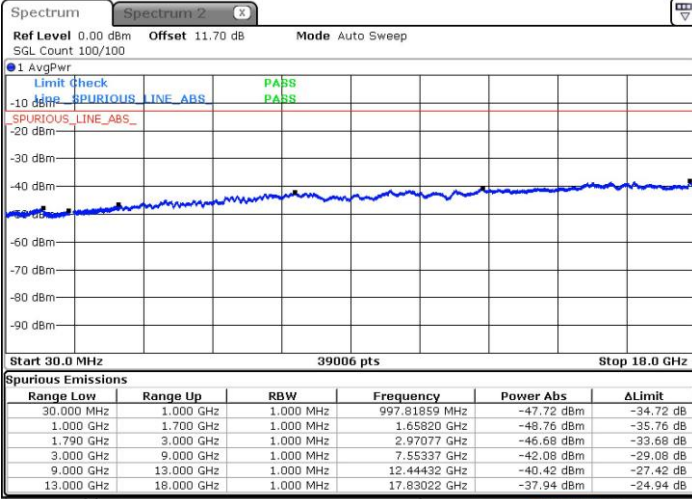
Date: 2.OCT.2018 07:37:16



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

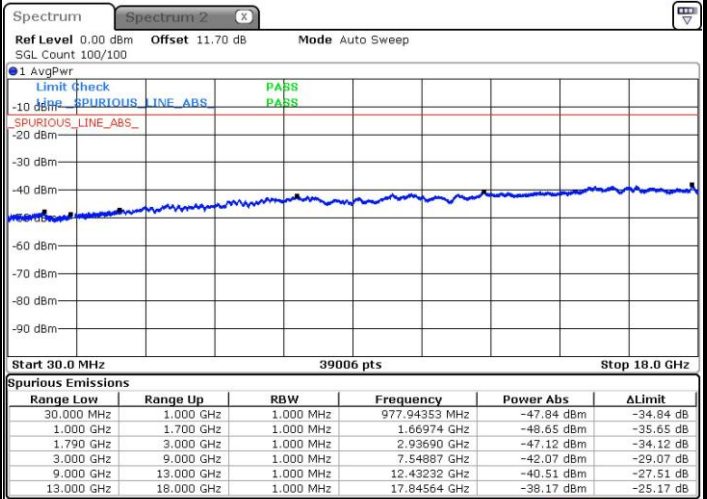
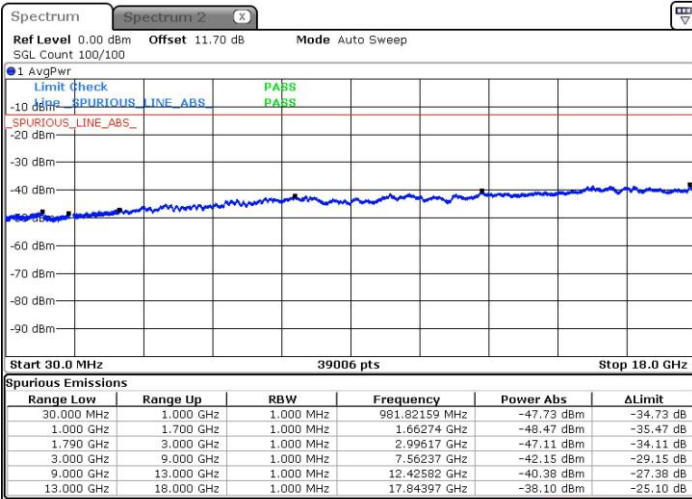


Date: 2.OCT.2018 07:38:42

Date: 2.OCT.2018 07:38:23

Highest Channel / QPSK

Highest Channel / 16QAM



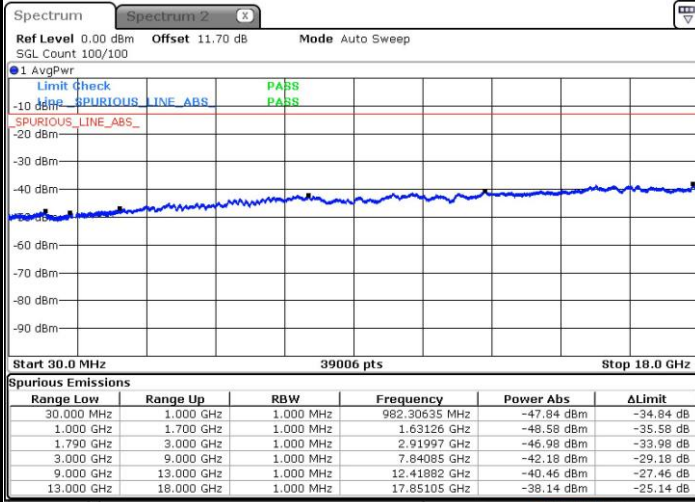
Date: 2.OCT.2018 07:46:11

Date: 2.OCT.2018 07:46:52



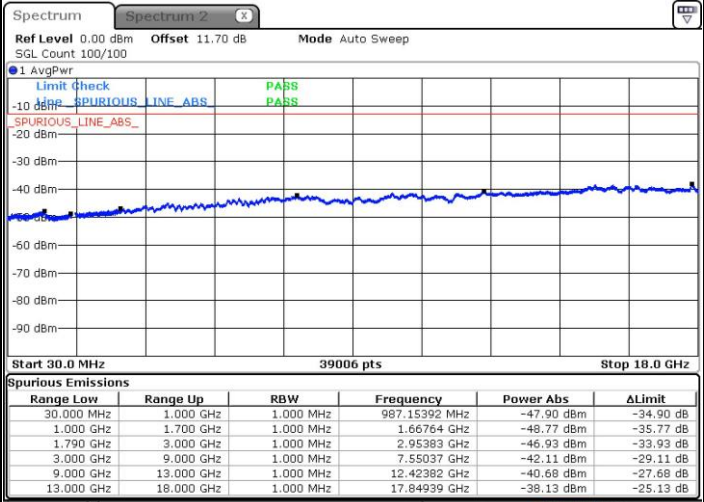
LTE Band 66 / 5MHz

Lowest Channel / QPSK



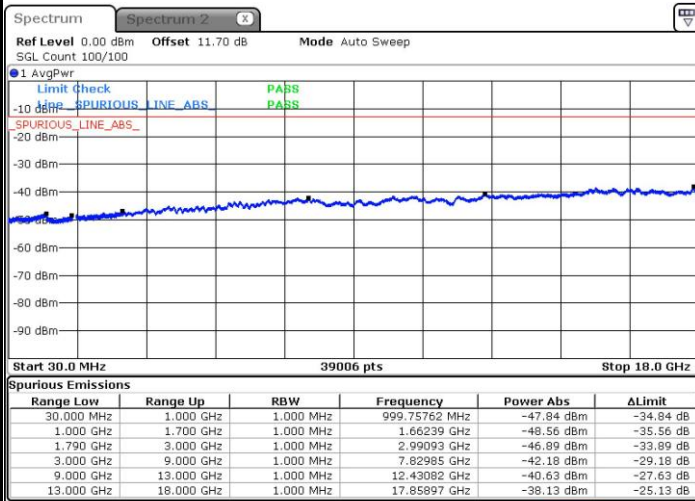
Date: 2.OCT.2018 07:53:39

Lowest Channel / 16QAM



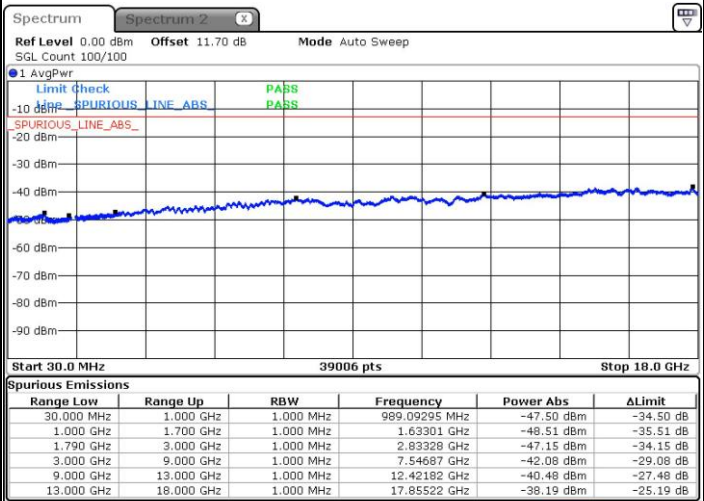
Date: 2.OCT.2018 07:54:20

Middle Channel / QPSK



Date: 2.OCT.2018 07:55:47

Middle Channel / 16QAM



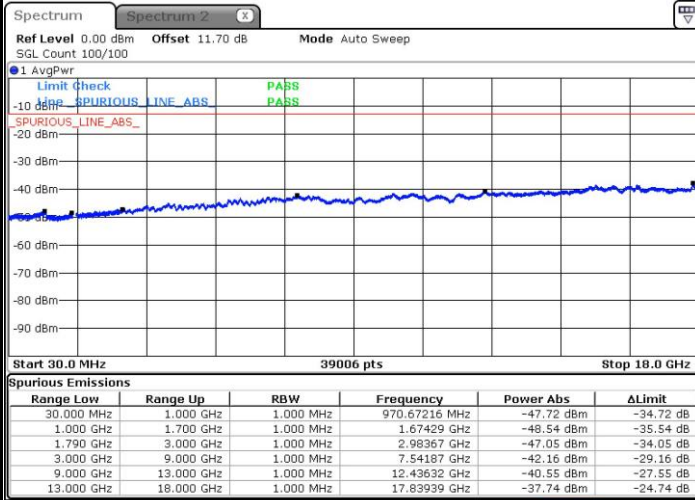
Date: 2.OCT.2018 07:56:28





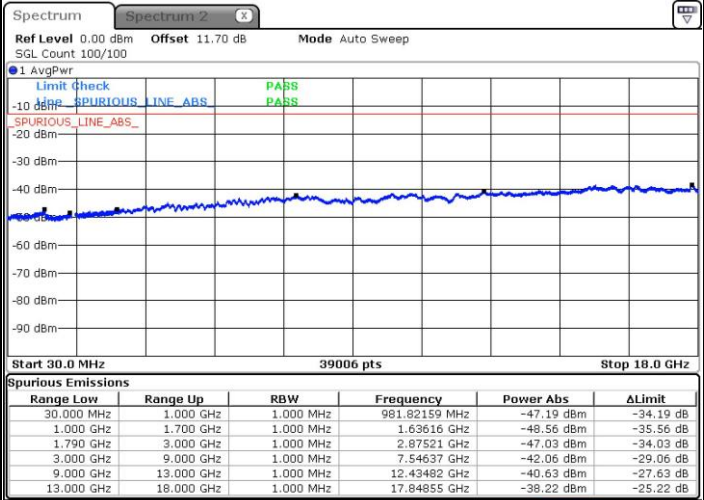
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 2.OCT.2018 08:03:15

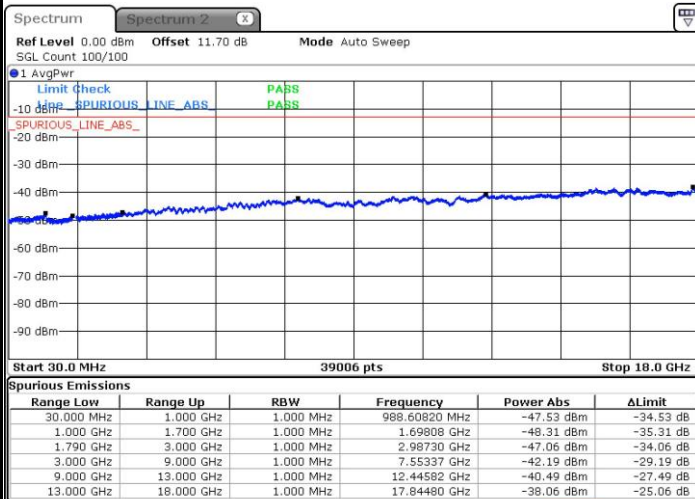
Highest Channel / 16QAM



Date: 2.OCT.2018 08:03:56

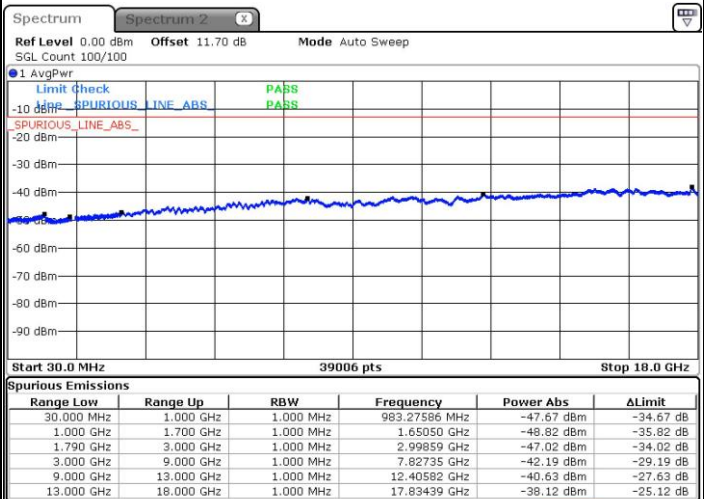
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 2.OCT.2018 08:10:43

Lowest Channel / 16QAM

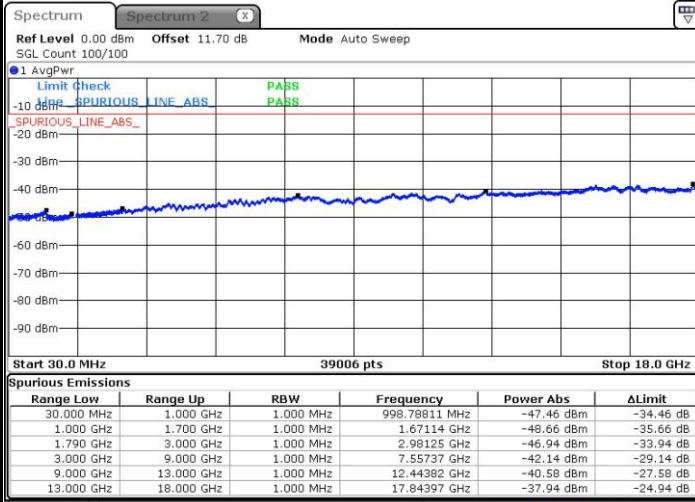


Date: 2.OCT.2018 08:11:25



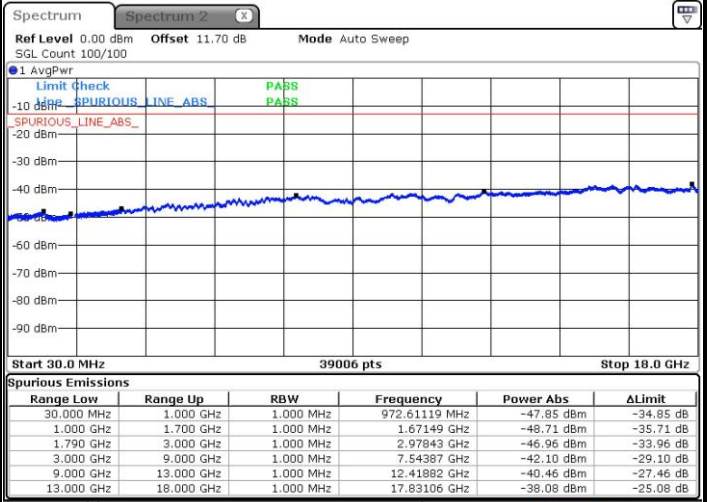
LTE Band 66 / 10MHz

Middle Channel / QPSK



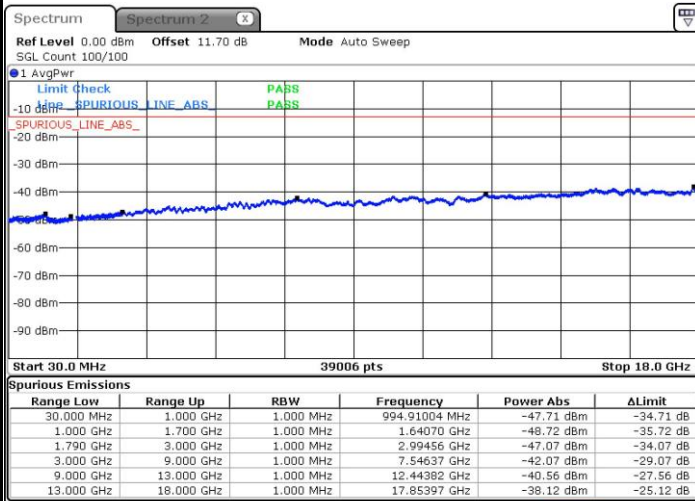
Date: 2.OCT.2018 08:12:51

Middle Channel / 16QAM



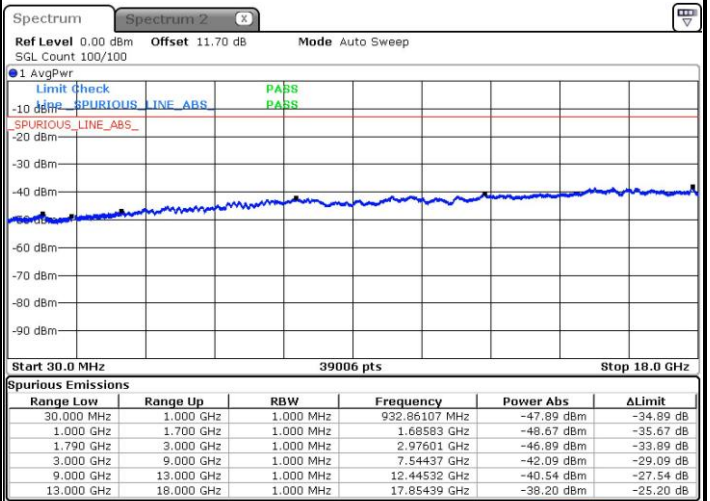
Date: 2.OCT.2018 08:13:32

Highest Channel / QPSK



Date: 2.OCT.2018 08:20:19

Highest Channel / 16QAM

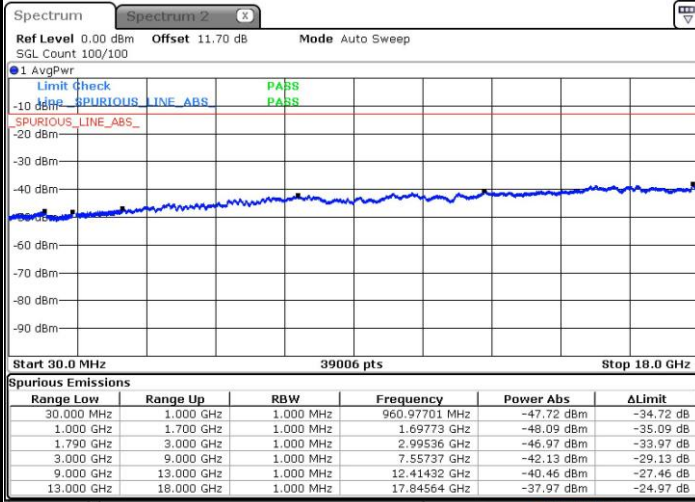


Date: 2.OCT.2018 08:21:00



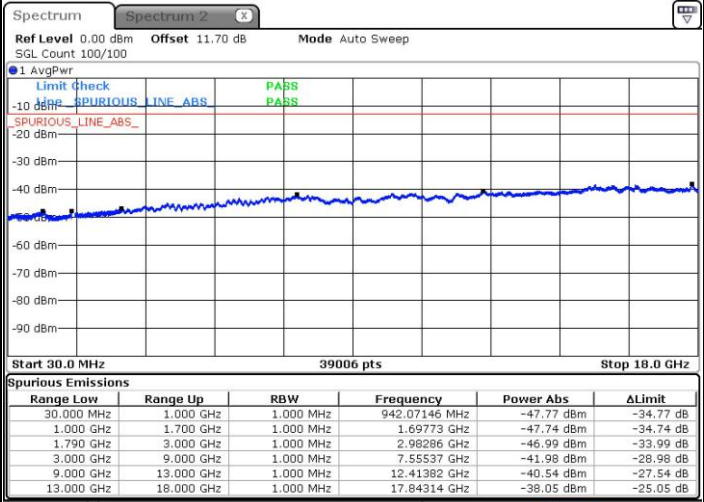
LTE Band 66 / 15MHz

Lowest Channel / QPSK



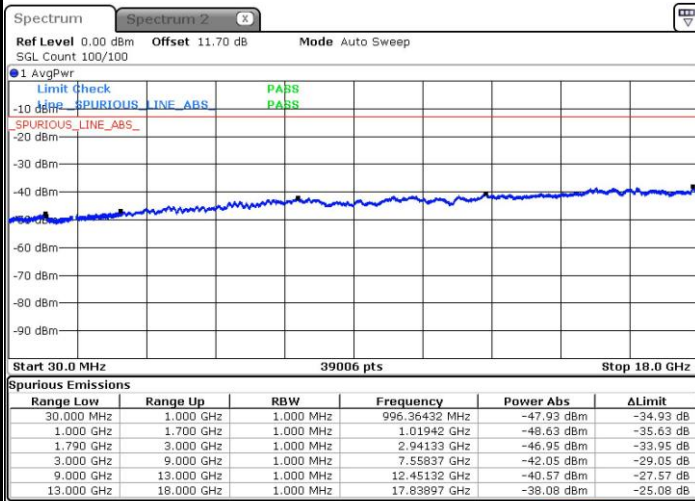
Date: 2.OCT.2018 08:27:48

Lowest Channel / 16QAM



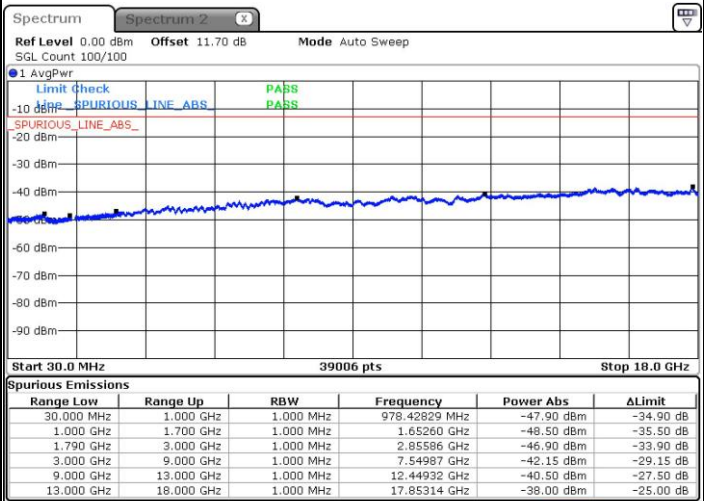
Date: 2.OCT.2018 08:28:29

Middle Channel / QPSK



Date: 2.OCT.2018 08:29:56

Middle Channel / 16QAM

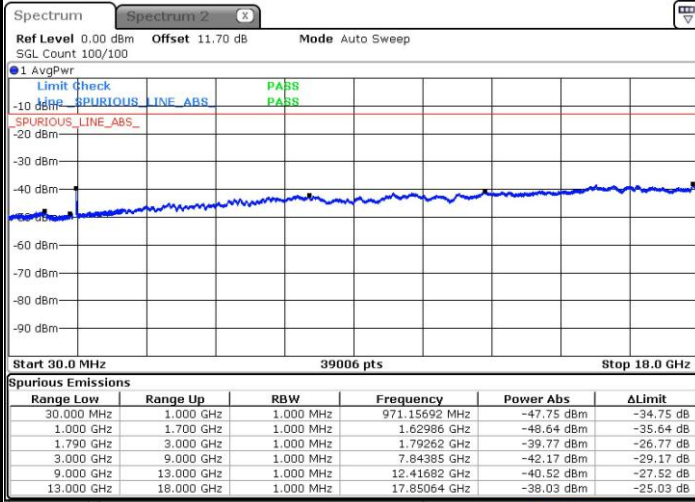


Date: 2.OCT.2018 08:30:37



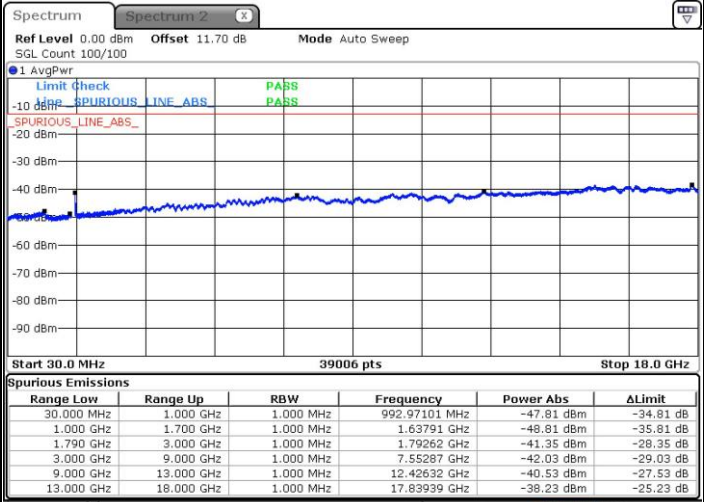
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 2.OCT.2018 08:37:24

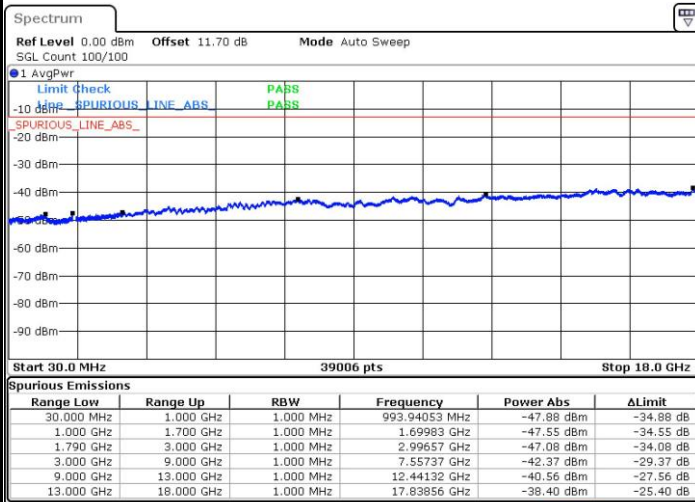
Highest Channel / 16QAM



Date: 2.OCT.2018 08:38:05

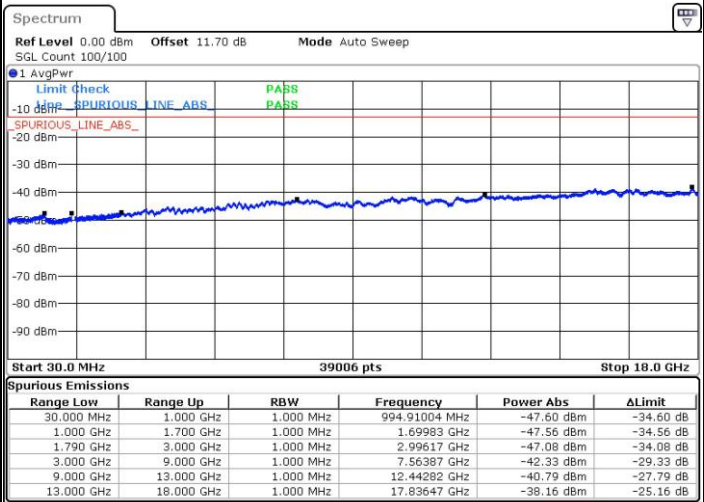
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 4.OCT.2018 17:47:53

Lowest Channel / 16QAM



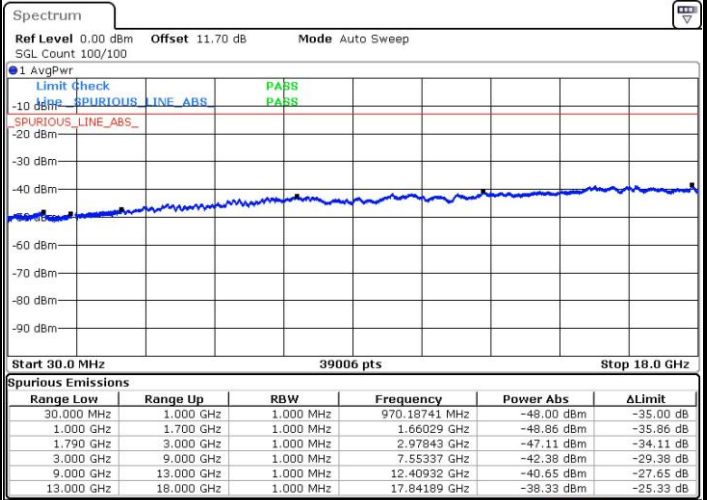
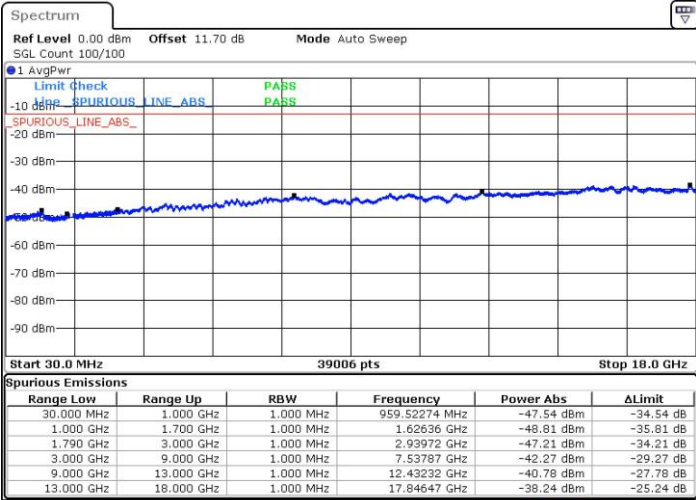
Date: 4.OCT.2018 17:48:34



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

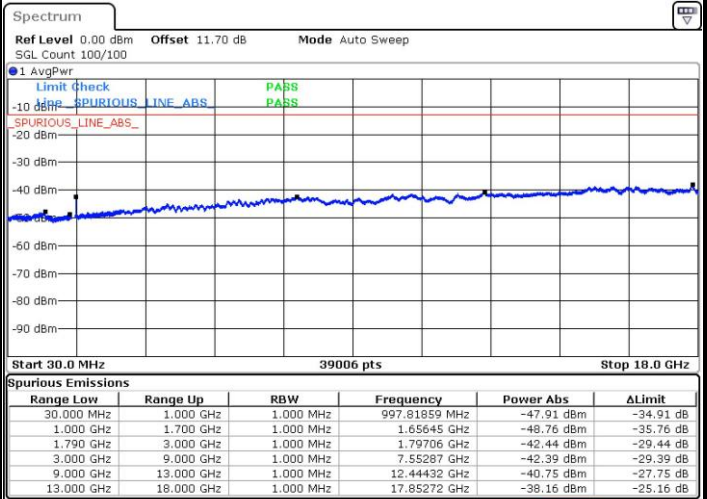
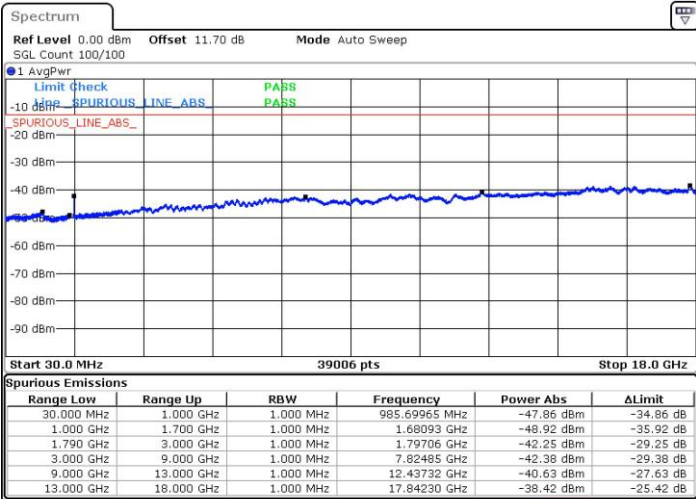


Date: 4.OCT.2018 17:50:01

Date: 4.OCT.2018 17:50:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4.OCT.2018 17:54:49

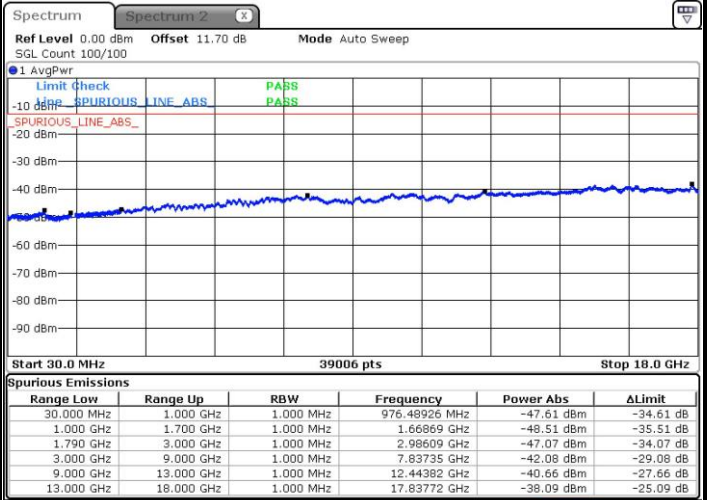
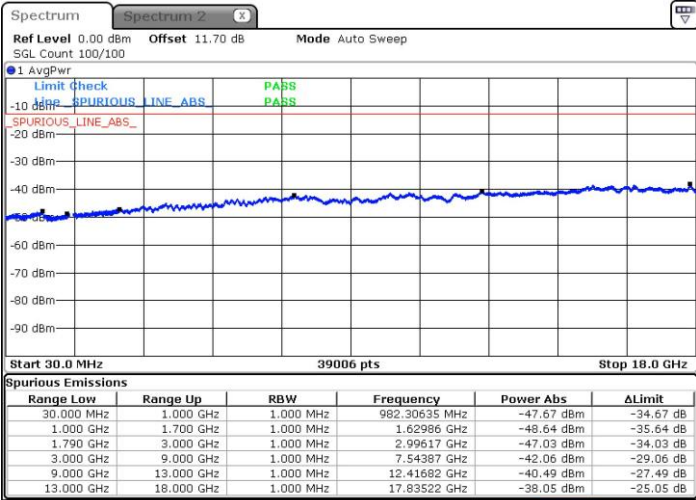
Date: 4.OCT.2018 17:55:30



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

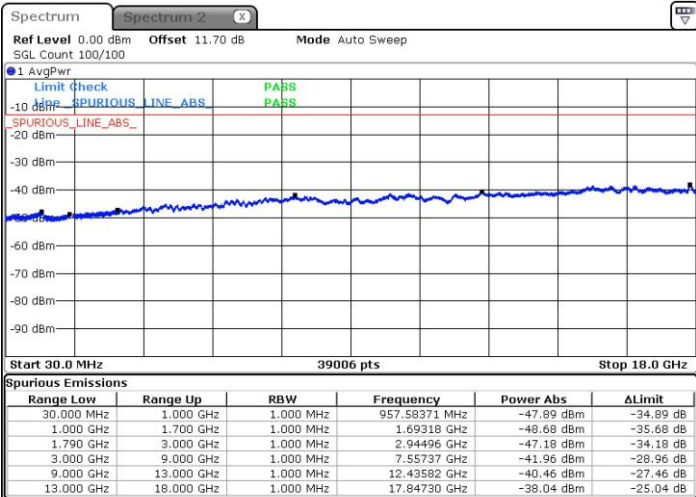
Middle Channel / 64QAM



Date: 2.OCT.2018 07:24:07

Date: 2.OCT.2018 07:25:11

Highest Channel / 64QAM

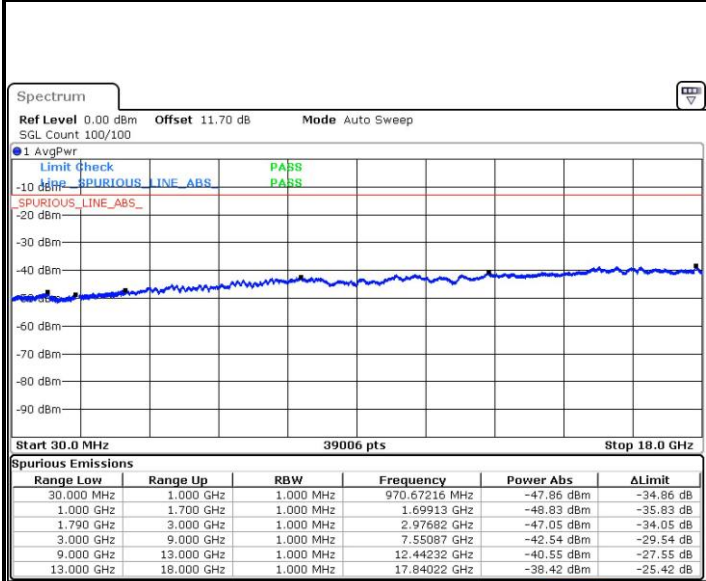


Date: 2.OCT.2018 07:28:54



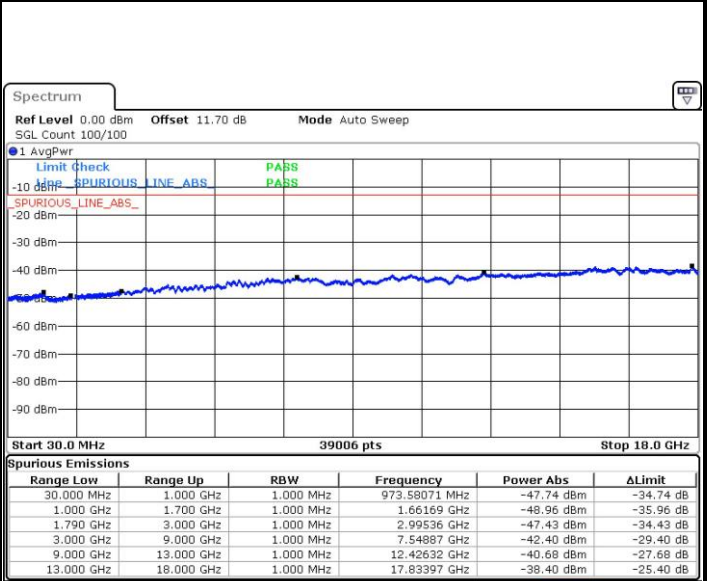
**LTE Band 66 / 3MHz**

**Lowest Channel / 64QAM**



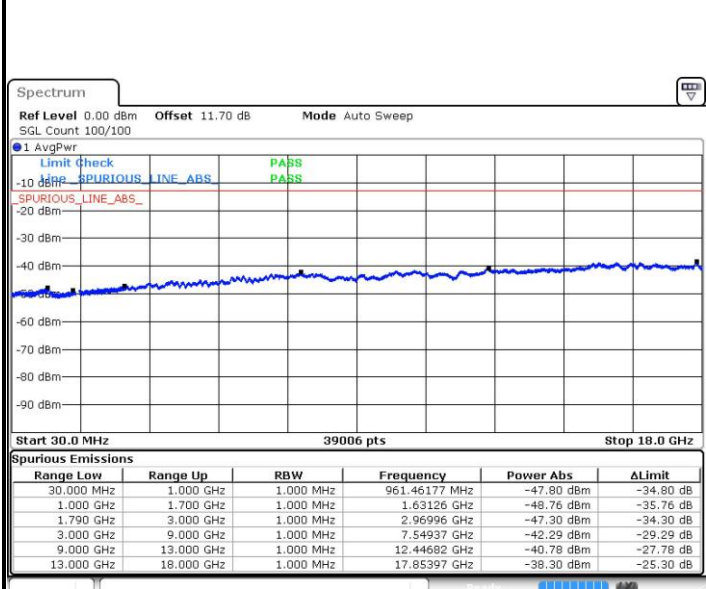
Date: 4.OCT.2018 17:02:17

**Middle Channel / 64QAM**



Date: 4.OCT.2018 17:03:20

**Highest Channel / 64QAM**



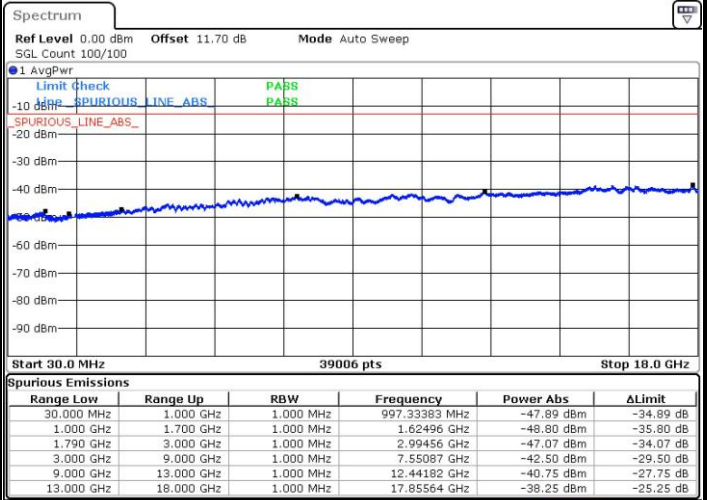
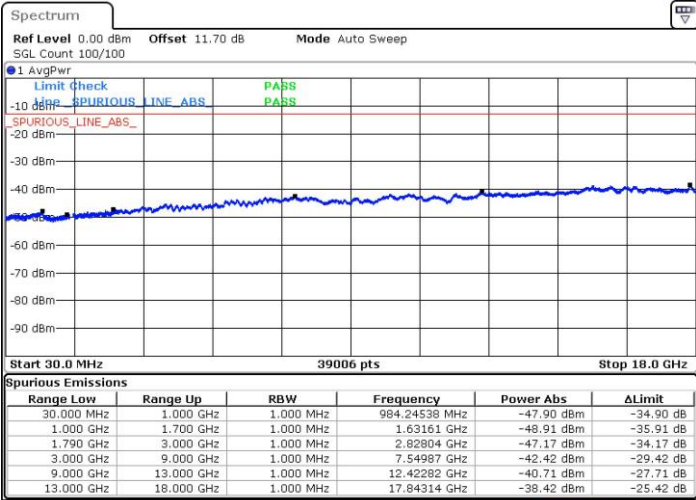
Date: 4.OCT.2018 17:06:24



LTE Band 66 / 5MHz

Lowest Channel / 64QAM

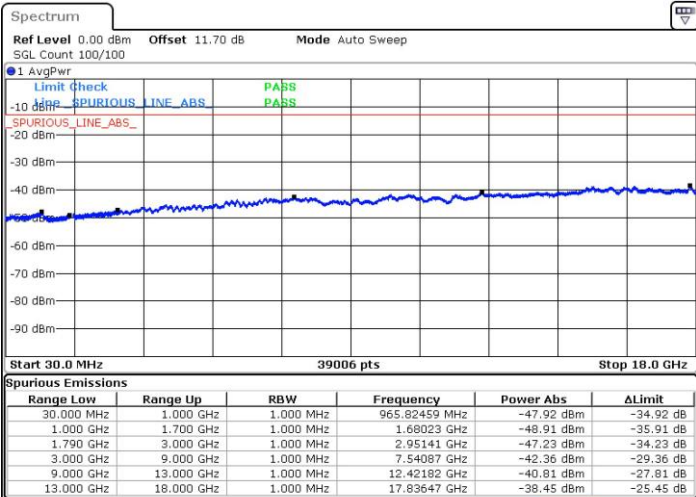
Middle Channel / 64QAM



Date: 4.OCT.2018 17:09:28

Date: 4.OCT.2018 17:10:32

Highest Channel / 64QAM



Date: 4.OCT.2018 17:13:36

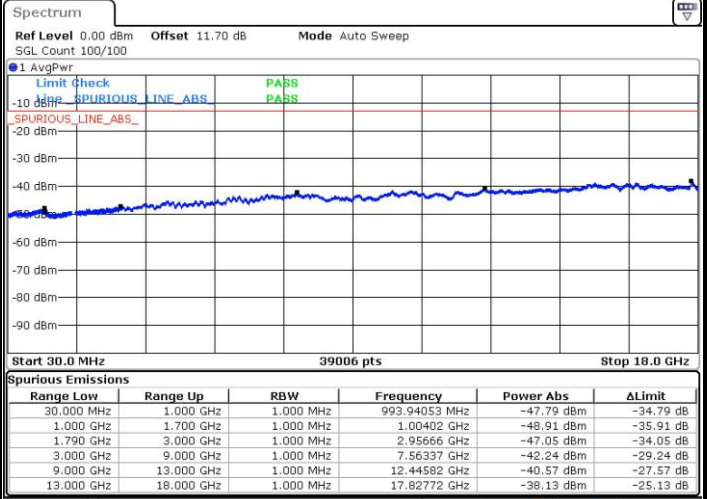
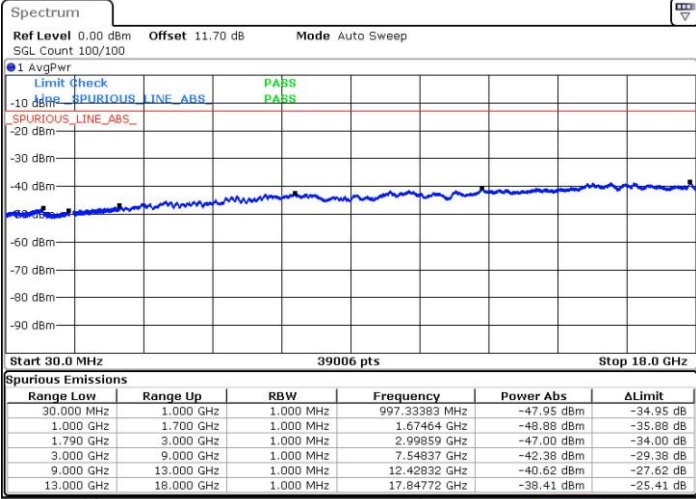




LTE Band 66 / 10MHz

Lowest Channel / 64QAM

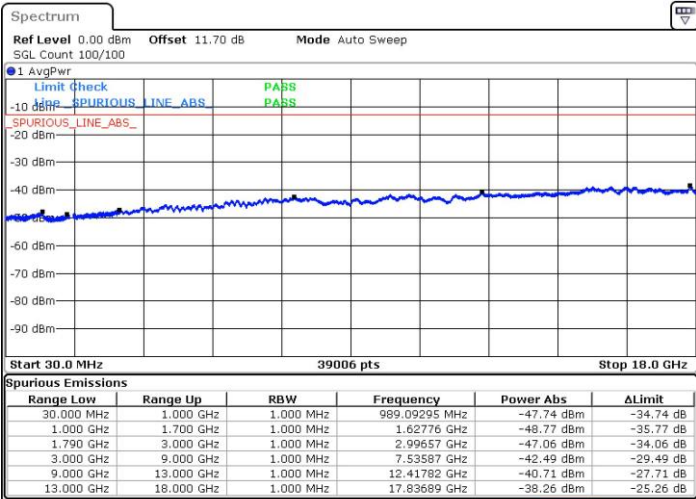
Middle Channel / 64QAM



Date: 4.OCT.2018 17:16:40

Date: 4.OCT.2018 17:17:44

Highest Channel / 64QAM



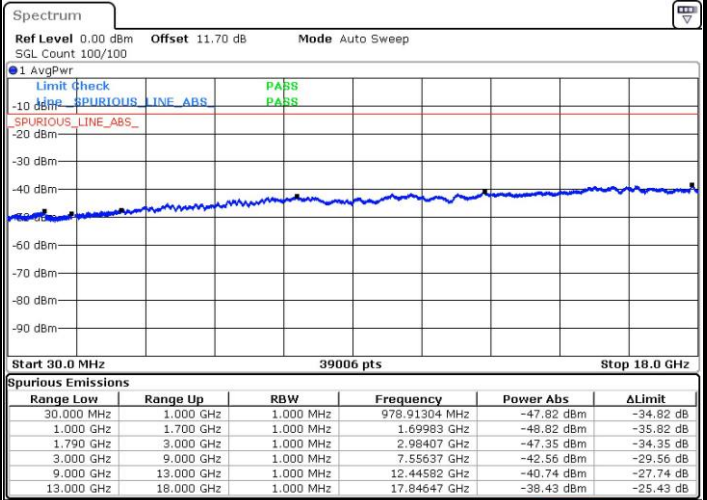
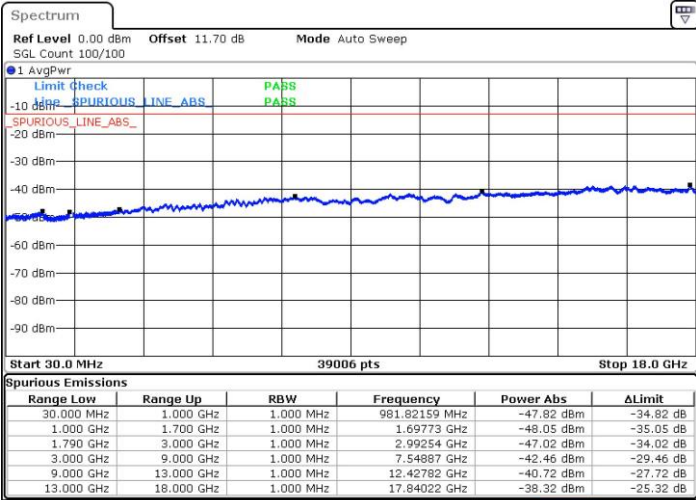
Date: 4.OCT.2018 17:20:47



LTE Band 66 / 15MHz

Lowest Channel / 64QAM

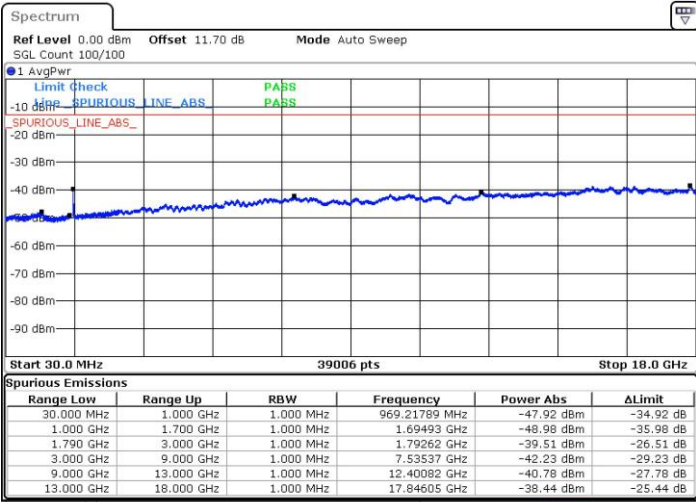
Middle Channel / 64QAM



Date: 4.OCT.2018 17:23:51

Date: 4.OCT.2018 17:24:55

Highest Channel / 64QAM



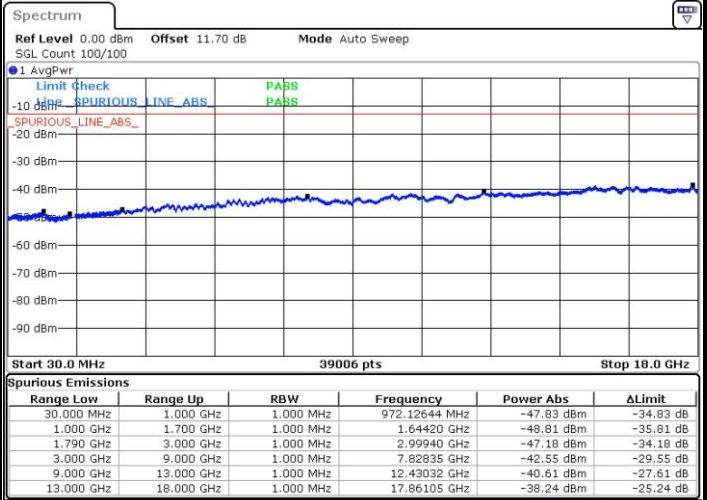
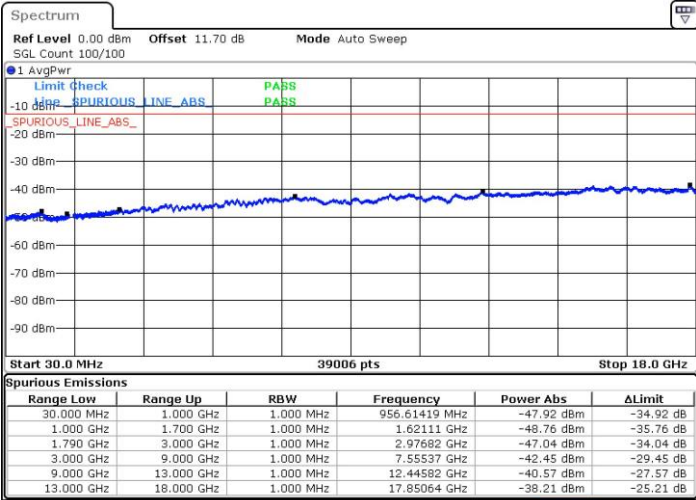
Date: 4.OCT.2018 17:27:59



LTE Band 66 / 20MHz

Lowest Channel / 64QAM

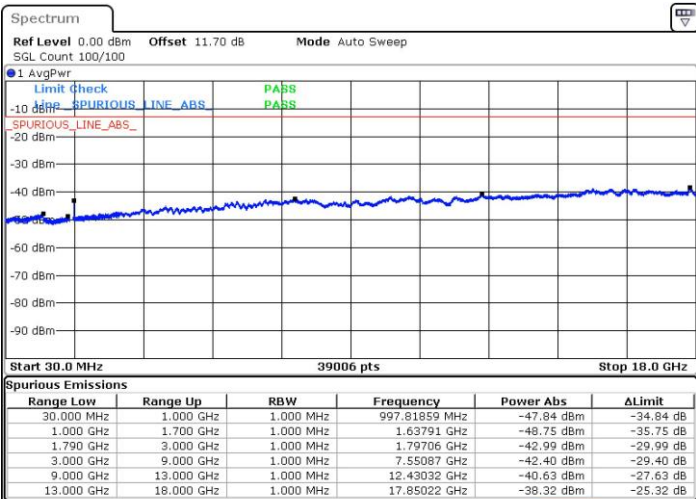
Middle Channel / 64QAM



Date: 4.OCT.2018 17:31:03

Date: 4.OCT.2018 17:32:07

Highest Channel / 64QAM



Date: 4.OCT.2018 17:35:11



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	0.0007	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

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 = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.78	0.2388	21.73	0.1489
Middle		3	1	23.91	0.2460	21.86	0.1535
Highest		3	1	23.72	0.2355	21.67	0.1469
Lowest	16QAM	1	3	23.08	0.2032	21.03	0.1268
Middle		1	3	23.10	0.2042	21.05	0.1274
Highest		1	3	22.98	0.1986	20.93	0.1239
Lowest	64QAM	1	3	22.09	0.1618	20.04	0.1009
Middle		1	3	22.09	0.1618	20.04	0.1009
Highest		1	3	21.93	0.1560	19.88	0.0973
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.74	0.2366	21.69	0.1476
Middle		1	8	23.85	0.2427	21.80	0.1514
Highest		1	8	23.81	0.2404	21.76	0.1500
Lowest	16QAM	1	8	23.13	0.2056	21.08	0.1282
Middle		1	8	23.14	0.2061	21.09	0.1285
Highest		1	8	23.09	0.2037	21.04	0.1271
Lowest	64QAM	1	8	22.07	0.1611	20.02	0.1005
Middle		1	8	22.11	0.1626	20.06	0.1014
Highest		1	8	21.97	0.1574	19.92	0.0982
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.76	0.2377	21.71	0.1483
Middle		1	12	23.85	0.2427	21.80	0.1514
Highest		1	12	23.73	0.2360	21.68	0.1472
Lowest	16QAM	1	12	23.15	0.2065	21.10	0.1288
Middle		1	12	23.14	0.2061	21.09	0.1285
Highest		1	12	22.97	0.1982	20.92	0.1236
Lowest	64QAM	1	12	22.09	0.1618	20.04	0.1009
Middle		1	12	22.12	0.1629	20.07	0.1016
Highest		1	12	21.96	0.1570	19.91	0.0979
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.88	0.2443	21.83	0.1524
Middle		1	0	23.86	0.2432	21.81	0.1517
Highest		1	0	23.78	0.2388	21.73	0.1489
Lowest	16QAM	1	0	23.23	0.2104	21.18	0.1312
Middle		1	0	23.20	0.2089	21.15	0.1303
Highest		1	0	23.08	0.2032	21.03	0.1268
Lowest	64QAM	1	0	22.17	0.1648	20.12	0.1028
Middle		1	0	22.17	0.1648	20.12	0.1028
Highest		1	0	22.03	0.1596	19.98	0.0995
Limit	EIRP < 2W		Result		PASS		

LTE Band 2 / 15MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.76	0.2377	21.71	0.1483
Middle		1	37	23.86	0.2432	21.81	0.1517
Highest		1	37	23.74	0.2366	21.69	0.1476
Lowest	16QAM	1	0	23.12	0.2051	21.07	0.1279
Middle		1	0	23.05	0.2018	21.00	0.1259
Highest		1	0	23.16	0.2070	21.11	0.1291
Lowest	64QAM	1	0	22.10	0.1622	20.05	0.1012
Middle		1	0	22.04	0.1600	19.99	0.0998
Highest		1	0	22.11	0.1626	20.06	0.1014
Limit	EIRP < 2W		Result		PASS		

LTE Band 2 / 20MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.94	0.2477	21.89	0.1545
Middle		1	0	23.91	0.2460	21.86	0.1535
Highest		1	0	23.88	0.2443	21.83	0.1524
Lowest	16QAM	1	0	23.26	0.2118	21.21	0.1321
Middle		1	0	23.08	0.2032	21.03	0.1268
Highest		1	0	23.19	0.2084	21.14	0.1300
Lowest	64QAM	1	0	22.25	0.1679	20.20	0.1047
Middle		1	0	22.09	0.1618	20.04	0.1009
Highest		1	0	22.13	0.1633	20.08	0.1019
Limit	EIRP < 2W		Result		PASS		



LTE Band 25 / 1.4MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	24.07	0.2553	22.02	0.1592
Middle		1	3	24.20	0.2630	22.15	0.1641
Highest		1	3	24.27	0.2673	22.22	0.1667
Lowest	16QAM	1	3	23.42	0.2198	21.37	0.1371
Middle		1	3	23.42	0.2198	21.37	0.1371
Highest		1	3	23.44	0.2208	21.39	0.1377
Lowest	64QAM	3	1	22.33	0.1710	20.28	0.1067
Middle		3	1	22.37	0.1726	20.32	0.1076
Highest		3	1	22.47	0.1766	20.42	0.1102
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	24.04	0.2535	21.99	0.1581
Middle		1	14	24.28	0.2679	22.23	0.1671
Highest		1	14	24.24	0.2655	22.19	0.1656
Lowest	16QAM	1	0	23.20	0.2089	21.15	0.1303
Middle		1	0	23.37	0.2173	21.32	0.1355
Highest		1	0	23.50	0.2239	21.45	0.1396
Lowest	64QAM	1	8	22.30	0.1698	20.25	0.1059
Middle		1	8	22.38	0.1730	20.33	0.1079
Highest		1	8	22.47	0.1766	20.42	0.1102
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.10	0.2570	22.05	0.1603
Middle		1	12	24.20	0.2630	22.15	0.1641
Highest		1	12	24.28	0.2679	22.23	0.1671
Lowest	16QAM	1	0	23.39	0.2183	21.34	0.1361
Middle		1	0	23.36	0.2168	21.31	0.1352
Highest		1	0	23.50	0.2239	21.45	0.1396
Lowest	64QAM	1	0	22.32	0.1706	20.27	0.1064
Middle		1	0	22.35	0.1718	20.30	0.1072
Highest		1	0	22.50	0.1778	20.45	0.1109
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	24.07	0.2553	22.02	0.1592
Middle		1	25	24.20	0.2630	22.15	0.1641
Highest		1	25	24.24	0.2655	22.19	0.1656
Lowest	16QAM	1	0	23.47	0.2223	21.42	0.1387
Middle		1	0	23.44	0.2208	21.39	0.1377
Highest		1	0	23.48	0.2228	21.43	0.1390
Lowest	64QAM	1	0	22.42	0.1746	20.37	0.1089
Middle		1	0	22.43	0.1750	20.38	0.1091
Highest		1	0	22.47	0.1766	20.42	0.1102
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	24.17	0.2612	22.12	0.1629
Middle		1	74	24.23	0.2649	22.18	0.1652
Highest		1	74	24.27	0.2673	22.22	0.1667
Lowest	16QAM	1	0	23.49	0.2234	21.44	0.1393
Middle		1	0	23.32	0.2148	21.27	0.1340
Highest		1	0	23.50	0.2239	21.45	0.1396
Lowest	64QAM	1	74	22.35	0.1718	20.30	0.1072
Middle		1	74	22.49	0.1774	20.44	0.1107
Highest		1	74	22.41	0.1742	20.36	0.1086
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = -2.05 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.25	0.2661	22.20	0.1660
Middle		1	0	24.25	0.2661	22.20	0.1660
Highest		1	0	24.28	0.2679	22.23	0.1671
Lowest	16QAM	1	0	23.43	0.2203	21.38	0.1374
Middle		1	0	23.35	0.2163	21.30	0.1349
Highest		1	0	23.46	0.2218	21.41	0.1384
Lowest	64QAM	1	0	22.49	0.1774	20.44	0.1107
Middle		1	0	22.36	0.1722	20.31	0.1074
Highest		1	0	22.48	0.1770	20.43	0.1104
Limit	EIRP < 2W			Result		PASS	





LTE Band 4 / 1.4MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	24.44	0.2780	23.06	0.2023
Middle		1	3	24.38	0.2742	23.00	0.1995
Highest		1	3	24.26	0.2667	22.88	0.1941
Lowest	16QAM	1	3	23.34	0.2158	21.96	0.1570
Middle		1	3	23.43	0.2203	22.05	0.1603
Highest		1	3	23.25	0.2113	21.87	0.1538
Lowest	64QAM	1	3	22.35	0.1718	20.97	0.1250
Middle		1	3	22.44	0.1754	21.06	0.1276
Highest		1	3	22.22	0.1667	20.84	0.1213
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	24.43	0.2773	23.05	0.2018
Middle		1	8	24.39	0.2748	23.01	0.2000
Highest		1	8	24.24	0.2655	22.86	0.1932
Lowest	16QAM	1	8	23.36	0.2168	21.98	0.1578
Middle		1	8	23.46	0.2218	22.08	0.1614
Highest		1	8	23.27	0.2123	21.89	0.1545
Lowest	64QAM	1	8	22.34	0.1714	20.96	0.1247
Middle		1	8	22.42	0.1746	21.04	0.1271
Highest		1	8	22.24	0.1675	20.86	0.1219
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.43	0.2773	23.05	0.2018
Middle		1	0	24.39	0.2748	23.01	0.2000
Highest		1	0	24.25	0.2661	22.87	0.1936
Lowest	16QAM	1	0	23.33	0.2153	21.95	0.1567
Middle		1	0	23.44	0.2208	22.06	0.1607
Highest		1	0	23.20	0.2089	21.82	0.1521
Lowest	64QAM	1	0	22.35	0.1718	20.97	0.1250
Middle		1	0	22.44	0.1754	21.06	0.1276
Highest		1	0	22.20	0.1660	20.82	0.1208
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	24.44	0.2780	23.06	0.2023
Middle		1	25	24.40	0.2754	23.02	0.2004
Highest		1	25	24.26	0.2667	22.88	0.1941
Lowest	16QAM	1	0	23.40	0.2188	22.02	0.1592
Middle		1	0	23.50	0.2239	22.12	0.1629
Highest		1	0	23.26	0.2118	21.88	0.1542
Lowest	64QAM	1	0	22.39	0.1734	21.01	0.1262
Middle		1	0	22.49	0.1774	21.11	0.1291
Highest		1	0	22.20	0.1660	20.82	0.1208
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.41	0.2761	23.03	0.2009
Middle		1	0	24.44	0.2780	23.06	0.2023
Highest		1	0	24.37	0.2735	22.99	0.1991
Lowest	16QAM	1	0	23.35	0.2163	21.97	0.1574
Middle		1	0	23.50	0.2239	22.12	0.1629
Highest		1	0	23.28	0.2128	21.90	0.1549
Lowest	64QAM	1	0	22.35	0.1718	20.97	0.1250
Middle		1	0	22.49	0.1774	21.11	0.1291
Highest		1	0	22.31	0.1702	20.93	0.1239
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.43	0.2773	23.05	0.2018
Middle		1	0	24.45	0.2786	23.07	0.2028
Highest		1	0	24.39	0.2748	23.01	0.2000
Lowest	16QAM	1	0	23.34	0.2158	21.96	0.1570
Middle		1	0	23.50	0.2239	22.12	0.1629
Highest		1	0	23.40	0.2188	22.02	0.1592
Lowest	64QAM	1	0	22.35	0.1718	20.97	0.1250
Middle		1	0	22.47	0.1766	21.09	0.1285
Highest		1	0	22.39	0.1734	21.01	0.1262
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -3.85 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.14	0.2594	18.14	0.0652
Middle		3	1	24.12	0.2582	18.12	0.0649
Highest		3	1	23.98	0.2500	17.98	0.0628
Lowest	16QAM	1	3	23.31	0.2143	17.31	0.0538
Middle		1	3	23.30	0.2138	17.30	0.0537
Highest		1	3	23.05	0.2018	17.05	0.0507
Lowest	64QAM	1	3	22.29	0.1694	16.29	0.0426
Middle		1	3	22.26	0.1683	16.26	0.0423
Highest		1	3	22.07	0.1611	16.07	0.0405
Limit	ERP < 7W		Result		PASS		

LTE Band 5 / 3MHz (Average) (GT - LC = -3.85 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.12	0.2582	18.12	0.0649
Middle		1	0	24.09	0.2564	18.09	0.0644
Highest		1	0	23.94	0.2477	17.94	0.0622
Lowest	16QAM	1	0	23.28	0.2128	17.28	0.0535
Middle		1	0	23.37	0.2173	17.37	0.0546
Highest		1	0	23.13	0.2056	17.13	0.0516
Lowest	64QAM	1	0	22.27	0.1687	16.27	0.0424
Middle		1	0	22.31	0.1702	16.31	0.0428
Highest		1	0	22.11	0.1626	16.11	0.0408
Limit	ERP < 7W		Result		PASS		

LTE Band 5 / 5MHz (Average) (GT - LC = -3.85 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.13	0.2588	18.13	0.0650
Middle		1	12	24.09	0.2564	18.09	0.0644
Highest		1	12	24.01	0.2518	18.01	0.0632
Lowest	16QAM	1	0	23.25	0.2113	17.25	0.0531
Middle		1	0	23.38	0.2178	17.38	0.0547
Highest		1	0	23.12	0.2051	17.12	0.0515
Lowest	64QAM	1	0	22.29	0.1694	16.29	0.0426
Middle		1	0	22.36	0.1722	16.36	0.0433
Highest		1	0	22.17	0.1648	16.17	0.0414
Limit	ERP < 7W		Result		PASS		



LTE Band 5 / 10MHz (Average) (GT - LC = -3.85 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.12	0.2582	18.12	0.0649
Middle		1	0	24.15	0.2600	18.15	0.0653
Highest		1	0	23.98	0.2500	17.98	0.0628
Lowest	16QAM	1	0	23.32	0.2148	17.32	0.0540
Middle		1	0	23.48	0.2228	17.48	0.0560
Highest		1	0	23.11	0.2046	17.11	0.0514
Lowest	64QAM	1	0	22.24	0.1675	16.24	0.0421
Middle		1	0	22.40	0.1738	16.40	0.0437
Highest		1	0	22.03	0.1596	16.03	0.0401
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 0.26 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.38	0.2742	24.64	0.2911
Middle		1	0	24.28	0.2679	24.54	0.2844
Highest		1	0	24.22	0.2642	24.48	0.2805
Lowest	16QAM	1	24	23.50	0.2239	23.76	0.2377
Middle		1	24	23.46	0.2218	23.72	0.2355
Highest		1	24	23.36	0.2168	23.62	0.2301
Lowest	64QAM	1	0	22.47	0.1766	22.73	0.1875
Middle		1	0	22.37	0.1726	22.63	0.1832
Highest		1	0	22.33	0.1710	22.59	0.1816
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 0.26 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	24.36	0.2729	24.62	0.2897
Middle		1	49	24.33	0.2710	24.59	0.2877
Highest		1	49	24.30	0.2692	24.56	0.2858
Lowest	16QAM	1	49	23.50	0.2239	23.76	0.2377
Middle		1	49	23.47	0.2223	23.73	0.2360
Highest		1	49	23.43	0.2203	23.69	0.2339
Lowest	64QAM	1	49	22.46	0.1762	22.72	0.1871
Middle		1	49	22.43	0.1750	22.69	0.1858
Highest		1	49	22.42	0.1746	22.68	0.1854
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 0.26 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	24.35	0.2723	24.61	0.2891
Middle		1	74	24.32	0.2704	24.58	0.2871
Highest		1	74	24.29	0.2685	24.55	0.2851
Lowest	16QAM	1	74	23.50	0.2239	23.76	0.2377
Middle		1	74	23.50	0.2239	23.76	0.2377
Highest		1	74	23.50	0.2239	23.76	0.2377
Lowest	64QAM	1	74	22.50	0.1778	22.76	0.1888
Middle		1	74	22.49	0.1774	22.75	0.1884
Highest		1	74	22.46	0.1762	22.72	0.1871
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 0.26 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	24.39	0.2748	24.65	0.2917
Middle		1	99	24.37	0.2735	24.63	0.2904
Highest		1	99	24.34	0.2716	24.60	0.2884
Lowest	16QAM	1	99	23.50	0.2239	23.76	0.2377
Middle		1	99	23.50	0.2239	23.76	0.2377
Highest		1	99	23.46	0.2218	23.72	0.2355
Lowest	64QAM	1	99	22.43	0.1750	22.69	0.1858
Middle		1	99	22.50	0.1778	22.76	0.1888
Highest		1	99	22.45	0.1758	22.71	0.1866
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -3.26 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.51	0.2244	18.10	0.0646
Middle		3	1	23.52	0.2249	18.11	0.0647
Highest		3	1	23.58	0.2280	18.17	0.0656
Lowest	16QAM	1	3	22.95	0.1972	17.54	0.0568
Middle		1	3	22.77	0.1892	17.36	0.0545
Highest		1	3	22.89	0.1945	17.48	0.0560
Lowest	64QAM	1	3	21.87	0.1538	16.46	0.0443
Middle		1	3	21.70	0.1479	16.29	0.0426
Highest		1	3	21.84	0.1528	16.43	0.0440
Limit	ERP < 3W		Result		PASS		

LTE Band 12 / 3MHz (Average) (GT - LC = -3.26 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.56	0.2270	18.15	0.0653
Middle		1	0	23.58	0.2280	18.17	0.0656
Highest		1	0	23.58	0.2280	18.17	0.0656
Lowest	16QAM	1	0	22.91	0.1954	17.50	0.0562
Middle		1	0	22.84	0.1923	17.43	0.0553
Highest		1	0	22.99	0.1991	17.58	0.0573
Lowest	64QAM	1	0	21.83	0.1524	16.42	0.0439
Middle		1	0	21.76	0.1500	16.35	0.0432
Highest		1	0	21.91	0.1552	16.50	0.0447
Limit	ERP < 3W		Result		PASS		

LTE Band 12 / 5MHz (Average) (GT - LC = -3.26 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.58	0.2280	18.17	0.0656
Middle		1	24	23.50	0.2239	18.09	0.0644
Highest		1	24	23.58	0.2280	18.17	0.0656
Lowest	16QAM	1	12	22.89	0.1945	17.48	0.0560
Middle		1	12	22.79	0.1901	17.38	0.0547
Highest		1	12	23.00	0.1995	17.59	0.0574
Lowest	64QAM	1	12	21.88	0.1542	16.47	0.0444
Middle		1	12	21.75	0.1496	16.34	0.0431
Highest		1	12	21.96	0.1570	16.55	0.0452
Limit	ERP < 3W		Result		PASS		



LTE Band 12 / 10MHz (Average) (GT - LC = -3.26 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.55	0.2265	18.14	0.0652
Middle		1	0	23.59	0.2286	18.18	0.0658
Highest		1	0	23.58	0.2280	18.17	0.0656
Lowest	16QAM	1	25	22.81	0.1910	17.40	0.0550
Middle		1	25	22.91	0.1954	17.50	0.0562
Highest		1	25	22.90	0.1950	17.49	0.0561
Lowest	64QAM	1	49	21.79	0.1510	16.38	0.0435
Middle		1	49	21.75	0.1496	16.34	0.0431
Highest		1	49	21.76	0.1500	16.35	0.0432
Limit	ERP < 3W			Result		PASS	





LTE Band 13 / 5MHz (Average) (GT - LC = -2.67 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.23	0.2649	19.41	0.0873
Middle		1	12	24.31	0.2698	19.49	0.0889
Highest		1	12	24.26	0.2667	19.44	0.0879
Lowest	16QAM	1	24	23.44	0.2208	18.62	0.0728
Middle		1	24	23.37	0.2173	18.55	0.0716
Highest		1	24	23.38	0.2178	18.56	0.0718
Lowest	64QAM	1	24	22.46	0.1762	17.64	0.0581
Middle		1	24	22.34	0.1714	17.52	0.0565
Highest		1	24	22.45	0.1758	17.63	0.0579
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -2.67 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.33	0.2710	19.51	0.0893
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	49	23.54	0.2259	18.72	0.0745
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	49	22.46	0.1762	17.64	0.0581
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -3.26 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.60	0.2291	18.19	0.0659
Middle		1	12	23.64	0.2312	18.23	0.0665
Highest		1	12	23.62	0.2301	18.21	0.0662
Lowest	16QAM	1	24	22.86	0.1932	17.45	0.0556
Middle		1	24	23.03	0.2009	17.62	0.0578
Highest		1	24	22.87	0.1936	17.46	0.0557
Lowest	64QAM	1	24	21.82	0.1521	16.41	0.0438
Middle		1	24	21.96	0.1570	16.55	0.0452
Highest		1	24	21.82	0.1521	16.41	0.0438
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -3.26 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.58	0.2280	18.17	0.0656
Middle		1	0	23.67	0.2328	18.26	0.0670
Highest		1	0	23.53	0.2254	18.12	0.0649
Lowest	16QAM	1	25	22.96	0.1977	17.55	0.0569
Middle		1	25	23.04	0.2014	17.63	0.0579
Highest		1	25	23.03	0.2009	17.62	0.0578
Lowest	64QAM	1	25	21.83	0.1524	16.42	0.0439
Middle		1	25	21.94	0.1563	16.53	0.0450
Highest		1	25	21.96	0.1570	16.55	0.0452
Limit	ERP < 3W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	24.23	0.2649	22.85	0.1928
Middle		3	0	24.49	0.2812	23.11	0.2046
Highest		3	0	24.39	0.2748	23.01	0.2000
Lowest	16QAM	1	3	23.21	0.2094	21.83	0.1524
Middle		1	3	23.41	0.2193	22.03	0.1596
Highest		1	3	23.38	0.2178	22.00	0.1585
Lowest	64QAM	1	3	22.21	0.1663	20.83	0.1211
Middle		1	3	22.41	0.1742	21.03	0.1268
Highest		1	3	22.39	0.1734	21.01	0.1262
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	24.27	0.2673	22.89	0.1945
Middle		1	8	24.43	0.2773	23.05	0.2018
Highest		1	8	24.44	0.2780	23.06	0.2023
Lowest	16QAM	1	8	23.23	0.2104	21.85	0.1531
Middle		1	8	23.40	0.2188	22.02	0.1592
Highest		1	8	23.43	0.2203	22.05	0.1603
Lowest	64QAM	1	8	22.18	0.1652	20.80	0.1202
Middle		1	8	22.39	0.1734	21.01	0.1262
Highest		1	8	22.35	0.1718	20.97	0.1250
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.29	0.2685	22.91	0.1954
Middle		1	12	24.43	0.2773	23.05	0.2018
Highest		1	12	24.42	0.2767	23.04	0.2014
Lowest	16QAM	1	12	23.22	0.2099	21.84	0.1528
Middle		1	12	23.38	0.2178	22.00	0.1585
Highest		1	12	23.38	0.2178	22.00	0.1585
Lowest	64QAM	1	12	22.21	0.1663	20.83	0.1211
Middle		1	12	22.39	0.1734	21.01	0.1262
Highest		1	12	22.38	0.1730	21.00	0.1259
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.27	0.2673	22.89	0.1945
Middle		1	0	24.43	0.2773	23.05	0.2018
Highest		1	0	24.41	0.2761	23.03	0.2009
Lowest	16QAM	1	0	23.21	0.2094	21.83	0.1524
Middle		1	0	23.42	0.2198	22.04	0.1600
Highest		1	0	23.29	0.2133	21.91	0.1552
Lowest	64QAM	1	25	22.27	0.1687	20.89	0.1227
Middle		1	25	22.44	0.1754	21.06	0.1276
Highest		1	25	22.33	0.1710	20.95	0.1245
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 15MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.34	0.2716	22.96	0.1977
Middle		1	37	24.49	0.2812	23.11	0.2046
Highest		1	37	24.49	0.2812	23.11	0.2046
Lowest	16QAM	1	0	23.24	0.2109	21.86	0.1535
Middle		1	0	23.48	0.2228	22.10	0.1622
Highest		1	0	23.37	0.2173	21.99	0.1581
Lowest	64QAM	1	0	22.24	0.1675	20.86	0.1219
Middle		1	0	22.50	0.1778	21.12	0.1294
Highest		1	0	22.40	0.1738	21.02	0.1265
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 20MHz (Average) (GT - LC = -1.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.38	0.2742	23.00	0.1995
Middle		1	0	24.50	0.2818	23.12	0.2051
Highest		1	0	24.48	0.2805	23.10	0.2042
Lowest	16QAM	1	0	23.22	0.2099	21.84	0.1528
Middle		1	0	23.46	0.2218	22.08	0.1614
Highest		1	0	23.43	0.2203	22.05	0.1603
Lowest	64QAM	1	0	22.26	0.1683	20.88	0.1225
Middle		1	0	22.48	0.1770	21.10	0.1288
Highest		1	0	22.43	0.1750	21.05	0.1274
Limit	EIRP < 1W		Result		PASS		



**Radiated Spurious Emission**

**LTE Band 2**

LTE Band 2 / 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	-43.11	-13	-30.11	-60.16	-54.9	0.72	12.52	H
	5556	-44.03	-13	-31.03	-65.47	-56.2	1.00	13.17	H
	7404	-43.11	-13	-30.11	-68.04	-52.5	1.18	10.57	H
	9252	-43.59	-13	-30.59	-72.81	-54.1	1.39	11.89	H
	11110.5	-39.00	-13	-26.00	-69.46	-48.1	1.47	10.57	H
	12958.5	-35.57	-13	-22.57	-69.71	-48.1	1.44	13.98	H
									H
	3702	-41.71	-13	-28.71	-59.81	-53.5	0.72	12.52	V
	5556	-45.03	-13	-32.03	-66.84	-57.2	1.00	13.17	V
	7404	-46.71	-13	-33.71	-71.23	-56.1	1.18	10.57	V
	9252	-44.99	-13	-31.99	-73.95	-55.5	1.39	11.89	V
	11110.5	-39.80	-13	-26.80	-70.1	-48.9	1.47	10.57	V
	12958.5	-36.77	-13	-23.77	-68.25	-49.3	1.44	13.98	V
									V



Middle	3744	-34.10	-13	-21.10	-50.81	-45.9	0.70	12.50	H
	5616	-45.65	-13	-32.65	-66.98	-57.8	0.98	13.13	H
	7482	-36.65	-13	-23.65	-61.04	-45.9	1.18	10.43	H
	9357	-40.33	-13	-27.33	-69.6	-50.5	1.43	11.60	H
	11226	-40.12	-13	-27.12	-70.48	-49.6	1.48	10.97	H
	13095	-35.40	-13	-22.40	-69.44	-47.6	1.45	13.65	H
									H
	3744	-31.80	-13	-18.80	-49.48	-43.6	0.70	12.50	V
	5616	-45.05	-13	-32.05	-66.72	-57.2	0.98	13.13	V
	7482	-40.95	-13	-27.95	-66.06	-50.2	1.18	10.43	V
	9357	-42.13	-13	-29.13	-71.15	-52.3	1.43	11.60	V
	11226	-39.12	-13	-26.12	-71.01	-48.6	1.48	10.97	V
	13095	-38.50	-13	-25.50	-70.53	-50.7	1.45	13.65	V
									V
Highest	3780	-39.69	-13	-26.69	-56.3	-51.5	0.68	12.49	H
	5676	-42.19	-13	-29.19	-63.88	-54.3	0.99	13.09	H
	7566	-44.80	-13	-31.80	-69.57	-54.2	1.18	10.58	H
	9451.5	-42.89	-13	-29.89	-72.37	-52.7	1.53	11.34	H
	11352	-38.20	-13	-25.20	-69.06	-48.1	1.50	11.40	H
	13242	-34.70	-13	-21.70	-68.98	-46.5	1.47	13.27	H
									H
	3780	-37.79	-13	-24.79	-55.82	-49.6	0.68	12.49	V
	5676	-43.09	-13	-30.09	-64.88	-55.2	0.99	13.09	V
	7566	-46.80	-13	-33.80	-71.4	-56.2	1.18	10.58	V
	9451.5	-44.29	-13	-31.29	-72.9	-54.1	1.53	11.34	V
	11352	-38.40	-13	-25.40	-69.69	-48.3	1.50	11.40	V
	13242	-35.90	-13	-22.90	-67.86	-47.7	1.47	13.27	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	-46.61	-13	-33.61	-63.36	-58.4	0.72	12.52	H
	5556	-47.03	-13	-34.03	-68.51	-59.2	1.00	13.17	H
	7404	-44.71	-13	-31.71	-69.72	-54.1	1.18	10.57	H
	9252	-44.69	-13	-31.69	-73.74	-55.2	1.39	11.89	H
	11110.5	-42.10	-13	-29.10	-72.31	-51.2	1.47	10.57	H
	12958.5	-37.57	-13	-24.57	-72.15	-50.1	1.44	13.98	H
									H
	3702	-43.41	-13	-30.41	-61.42	-55.2	0.72	12.52	V
	5556	-48.13	-13	-35.13	-69.79	-60.3	1.00	13.17	V
	7404	-46.51	-13	-33.51	-71.35	-55.9	1.18	10.57	V
	9252	-46.09	-13	-33.09	-75.14	-56.6	1.39	11.89	V
	11110.5	-42.40	-13	-29.40	-73.15	-51.5	1.47	10.57	V
	12958.5	-38.67	-13	-25.67	-70.6	-51.2	1.44	13.98	V
									V
Middle	3744	-39.30	-13	-26.30	-56.19	-51.1	0.70	12.50	H
	5616	-49.25	-13	-36.25	-70.76	-61.4	0.98	13.13	H
	7482	-43.35	-13	-30.35	-67.93	-52.6	1.18	10.43	H
	9357	-44.63	-13	-31.63	-73.73	-54.8	1.43	11.60	H
	11226	-44.12	-13	-31.12	-74.49	-53.6	1.48	10.97	H
	13095	-41.10	-13	-28.10	-74.83	-53.3	1.45	13.65	H
									H
	3744	-37.40	-13	-24.40	-55.36	-49.2	0.70	12.50	V
	5616	-50.35	-13	-37.35	-71.99	-62.5	0.98	13.13	V
	7482	-45.95	-13	-32.95	-70.94	-55.2	1.18	10.43	V
	9357	-44.93	-13	-31.93	-74.03	-55.1	1.43	11.60	V
	11226	-44.72	-13	-31.72	-75.55	-54.2	1.48	10.97	V
	13095	-41.10	-13	-28.10	-73.07	-53.3	1.45	13.65	V
									V



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)
Highest	3792	-39.29	-13	-26.29	-56.45	-51.1	0.67	12.48	H
	5688	-48.20	-13	-35.20	-69.68	-60.3	0.99	13.09	H
	7584	-44.65	-13	-31.65	-68.97	-54.1	1.18	10.64	H
	11373	-40.13	-13	-27.13	-70.89	-50.1	1.50	11.47	H
	13273.5	-39.78	-13	-26.78	-74.05	-51.5	1.47	13.19	H
									H
									H
	3792	-37.69	-13	-24.69	-55.8	-49.5	0.67	12.48	V
	5688	-50.40	-13	-37.40	-72.16	-62.5	0.99	13.09	V
	7584	-47.05	-13	-34.05	-71.58	-56.5	1.18	10.64	V
	11373	-40.83	-13	-27.83	-72.06	-50.8	1.50	11.47	V
	13273.5	-40.08	-13	-27.08	-71.76	-51.8	1.47	13.19	V
									V
									V

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





### 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	-26.25	-13	-13.25	-43.41	-37.84	0.77	12.36	H
	5136	-47.82	-13	-34.82	-68.52	-59.32	0.97	12.47	H
	6846	-38.42	-13	-25.42	-62.11	-49.24	0.82	11.64	H
	8556	-38.04	-13	-25.04	-65.35	-48.66	1.36	11.98	H
	10270.5	-43.58	-13	-30.58	-74.52	-53.77	1.39	11.59	H
	11982	-38.78	-13	-25.78	-69.79	-49.49	1.57	12.29	H
	13693	-35.76	-13	-22.76	-69.36	-46.61	1.52	12.37	H
	3420	-30.87	-13	-17.87	-47.84	-42.46	0.77	12.36	V
	5136	-45.63	-13	-32.63	-66.5	-57.13	0.97	12.47	V
	6846	-40.86	-13	-27.86	-65.02	-51.68	0.82	11.64	V
	8556	-39.10	-13	-26.10	-66.24	-49.72	1.36	11.98	V
	10270.5	-44.37	-13	-31.37	-75.09	-54.56	1.39	11.59	V
	11982	-39.78	-13	-26.78	-70.6	-50.49	1.57	12.29	V
	13693	-40.46	-13	-27.46	-71.97	-51.31	1.52	12.37	V
Middle	3450	-29.85	-13	-16.85	-47.03	-41.52	0.78	12.45	H
	5172	-46.82	-13	-33.82	-67.58	-58.38	0.98	12.54	H
	6894	-43.55	-13	-30.55	-67.35	-54.16	0.93	11.53	H
	8616	-42.00	-13	-29.00	-69.88	-52.68	1.39	12.06	H
	10344	-43.75	-13	-30.75	-74.67	-53.8	1.40	11.45	H
	12066	-37.30	-13	-24.30	-68.59	-48.37	1.56	12.63	H
	13788	-39.39	-13	-26.39	-72.71	-50.11	1.53	12.25	H
	3450	-34.37	-13	-21.37	-51.64	-46.04	0.78	12.45	V
	5172	-44.51	-13	-31.51	-65.43	-56.07	0.98	12.54	V
	6894	-45.65	-13	-32.65	-69.86	-56.26	0.93	11.53	V
	8616	-44.57	-13	-31.57	-72.13	-55.25	1.39	12.06	V
	10344	-44.30	-13	-31.30	-75.03	-54.35	1.40	11.45	V
	12066	-37.73	-13	-24.73	-68.72	-48.8	1.56	12.63	V
	13788	-42.02	-13	-29.02	-73.89	-52.74	1.53	12.25	V



Highest	3474	-29.75	-13	-16.75	-46.99	-41.49	0.78	12.52	H
	5208	-50.70	-13	-37.70	-71.52	-62.32	0.99	12.62	H
	6942	-42.72	-13	-29.72	-66.63	-53.11	1.03	11.43	H
	8682	-39.54	-13	-26.54	-67.57	-50.3	1.39	12.15	H
	10417.5	-43.81	-13	-30.81	-74.7	-53.71	1.41	11.31	H
	12150	-37.66	-13	-24.66	-69.25	-49.16	1.55	13.05	H
	13893	-41.31	-13	-28.31	-74.37	-51.89	1.55	12.13	H
	3474	-32.76	-13	-19.76	-50.67	-44.5	0.78	12.52	V
	5208	-47.36	-13	-34.36	-68.34	-58.98	0.99	12.62	V
	6942	-45.59	-13	-32.59	-69.86	-55.98	1.03	11.43	V
	8682	-41.05	-13	-28.05	-68.83	-51.81	1.39	12.15	V
	10417.5	-44.76	-13	-31.76	-75.5	-54.66	1.41	11.31	V
	12150	-37.85	-13	-24.85	-69.05	-49.35	1.55	13.05	V
	13893	-43.15	-13	-30.15	-74.38	-53.73	1.55	12.13	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	-58.35	-13	-45.35	-68.12	-65.3	0.53	9.63	H
	2472	-52.52	-13	-39.52	-65.83	-60.5	0.65	10.78	H
	3296	-58.52	-13	-45.52	-74.47	-67.6	0.76	11.99	H
									H
									H
									H
									H
	1648	-54.25	-13	-41.25	-63.74	-61.2	0.53	9.63	V
	2472	-54.62	-13	-41.62	-68.46	-62.6	0.65	10.78	V
	3296	-57.62	-13	-44.62	-73.41	-66.7	0.76	11.99	V
									V
									V
									V
									V
Middle	1664	-55.42	-13	-42.42	-65.47	-62.4	0.53	9.66	H
	2496	-46.11	-13	-33.11	-59.38	-54.1	0.65	10.80	H
	3328	-55.23	-13	-42.23	-71.44	-64.4	0.76	12.08	H
									H
									H
									H
									H
	1664	-58.12	-13	-45.12	-67.67	-65.1	0.53	9.66	V
	2496	-53.31	-13	-40.31	-67.34	-61.3	0.65	10.80	V
	3328	-55.73	-13	-42.73	-71.55	-64.9	0.76	12.08	V
									V
									V
									V
									V



Highest	1680	-59.98	-13	-46.98	-69.7	-67	0.53	9.70	H
	2520	-53.80	-13	-40.80	-67.11	-61.8	0.66	10.81	H
	3360	-58.44	-13	-45.44	-74.55	-67.7	0.77	12.18	H
									H
									H
									H
									H
	1680	-53.58	-13	-40.58	-63.08	-60.6	0.53	9.70	V
	2520	-54.70	-13	-41.70	-68.31	-62.7	0.66	10.81	V
	3360	-58.84	-13	-45.84	-74.44	-68.1	0.77	12.18	V
									V
									V
									V
									V

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