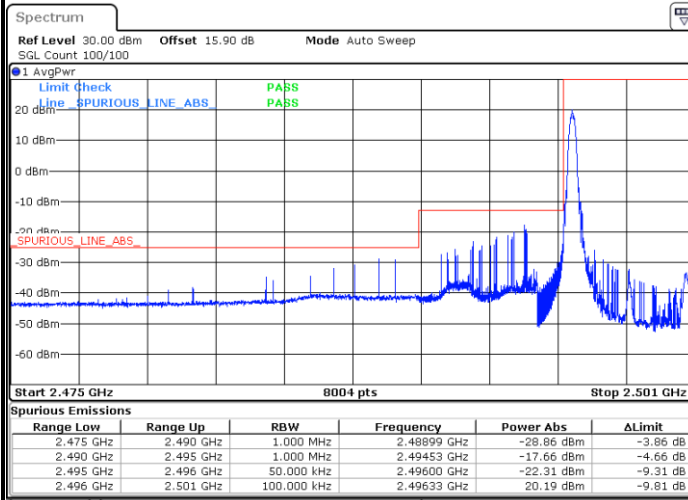


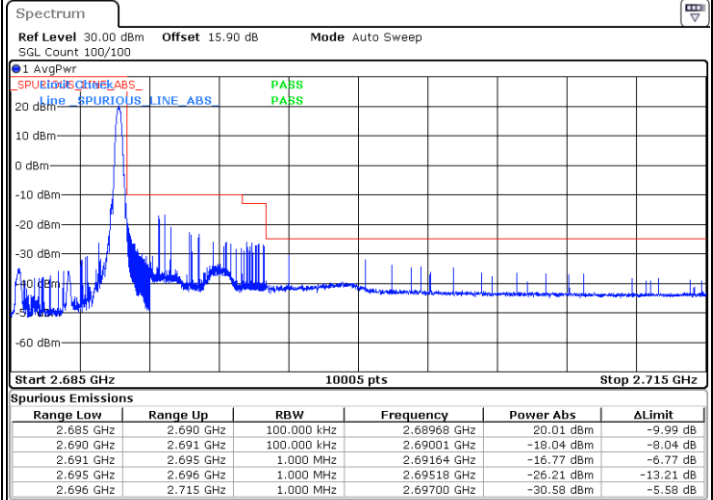


LTE Band 41 / 5MHz / 16QAM

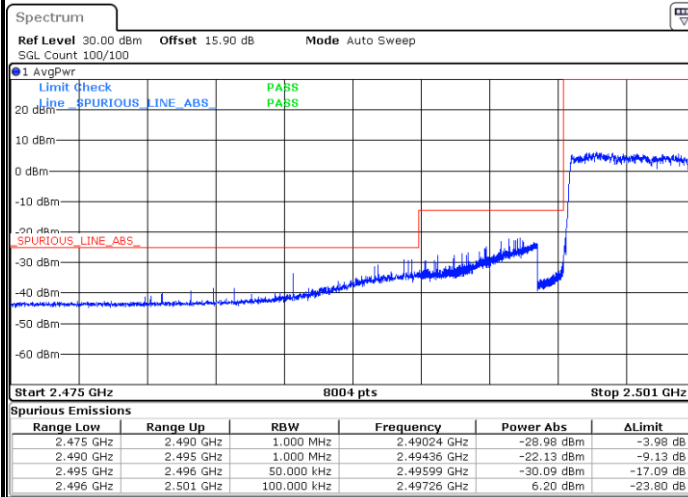
Lowest Band Edge / 1RB



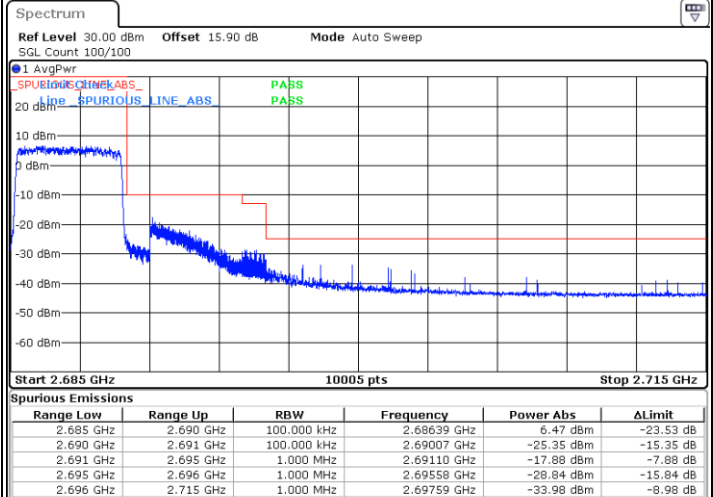
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



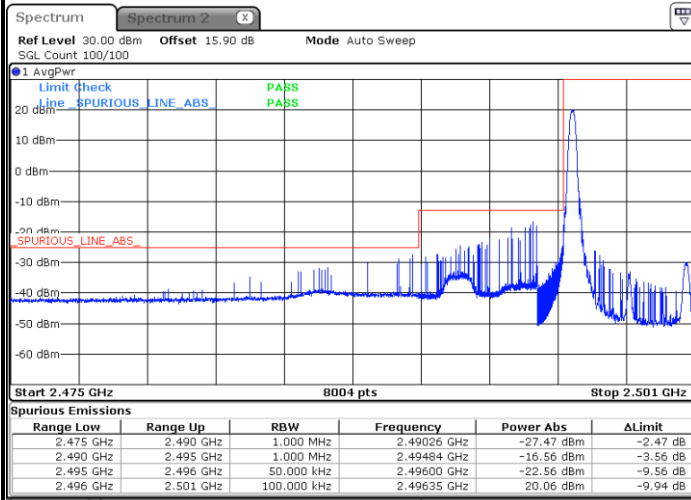
Highest Band Edge / Full RB



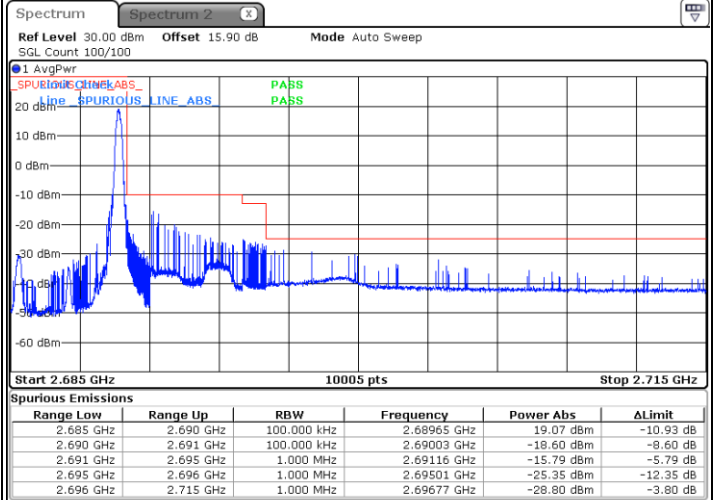


LTE Band 41 / 5MHz / 674QAM

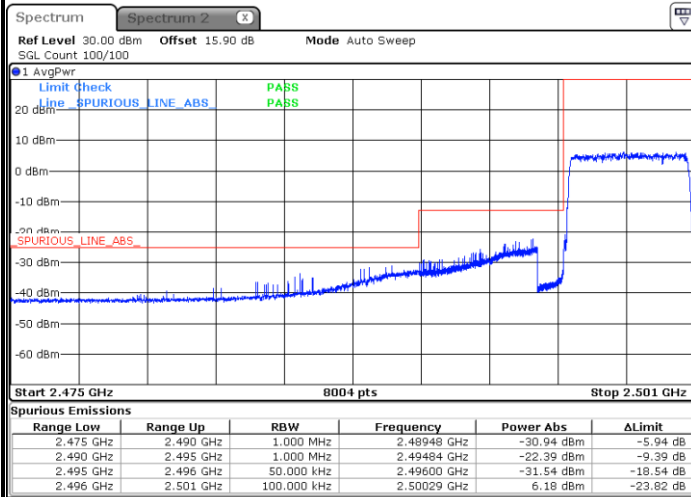
Lowest Band Edge / 1RB



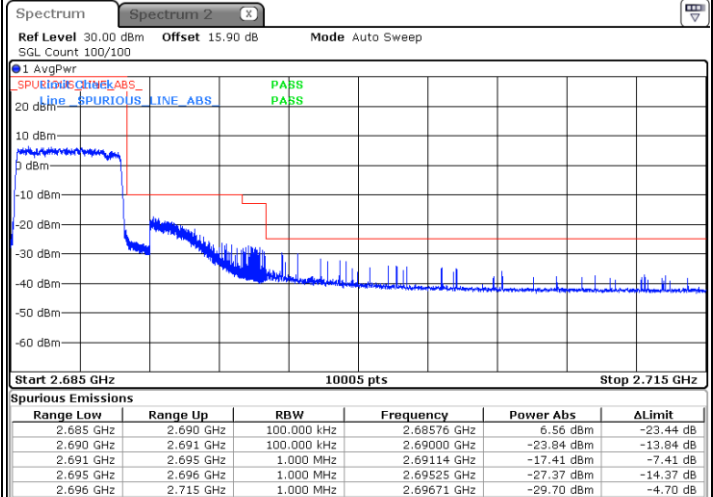
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



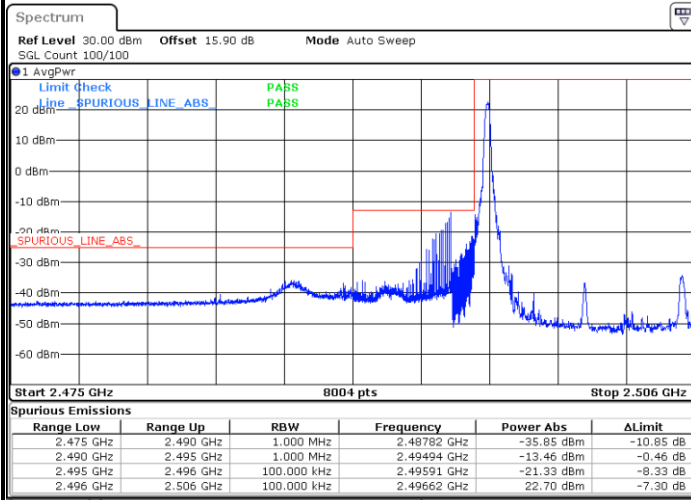
Highest Band Edge / Full RB



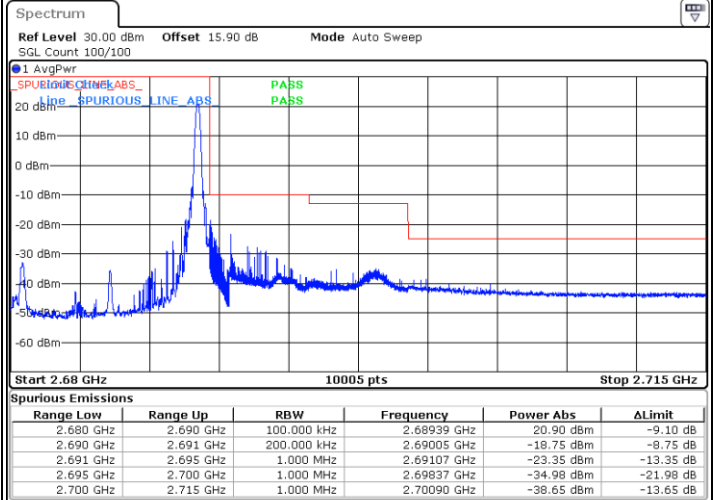


LTE Band 41 / 10MHz / QPSK

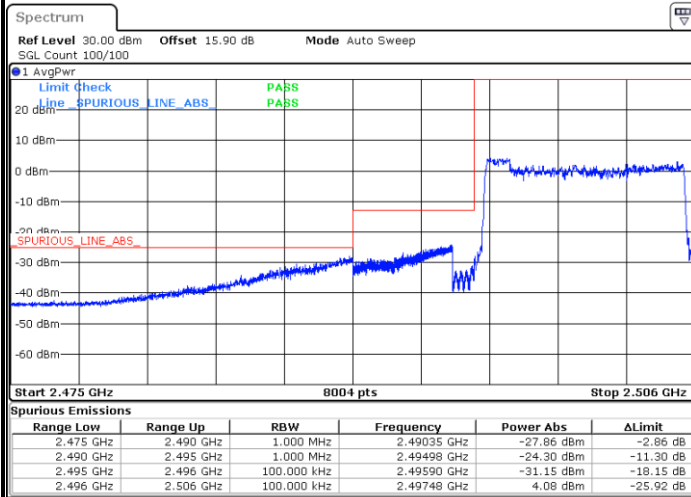
Lowest Band Edge / 1 RB



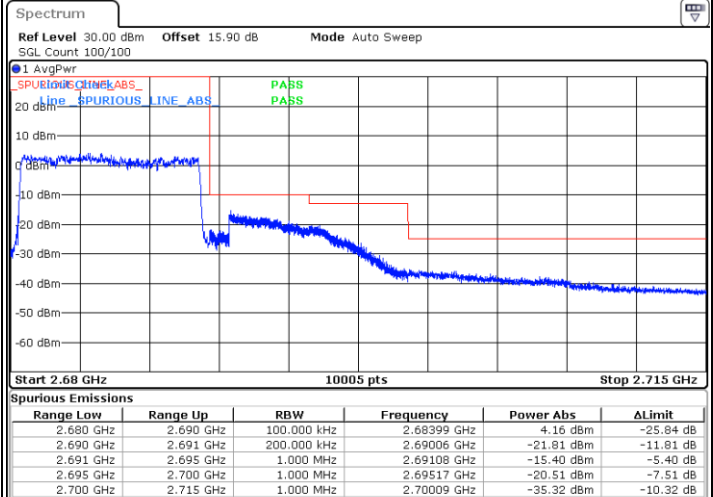
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



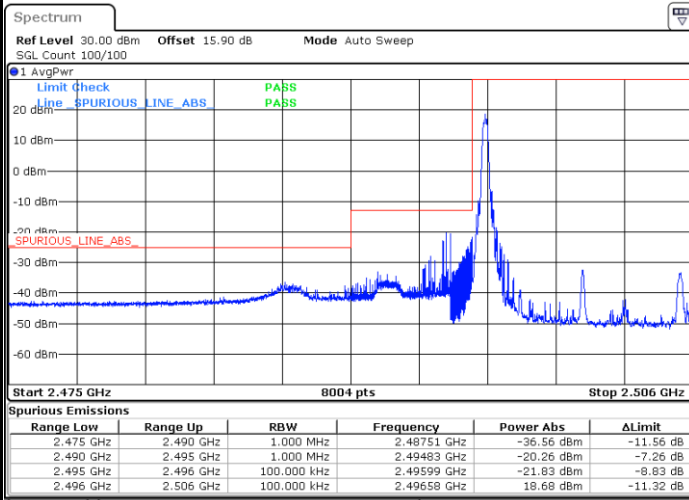
Highest Band Edge / Full RB





LTE Band 41 / 10MHz / 16QAM

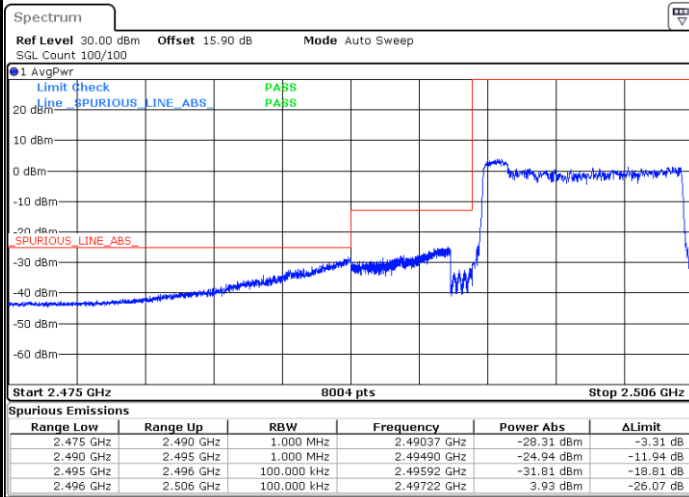
Lowest Band Edge / 1 RB



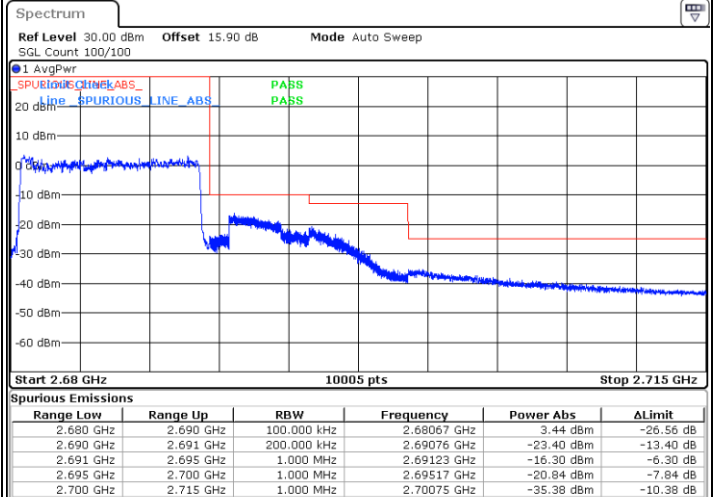
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



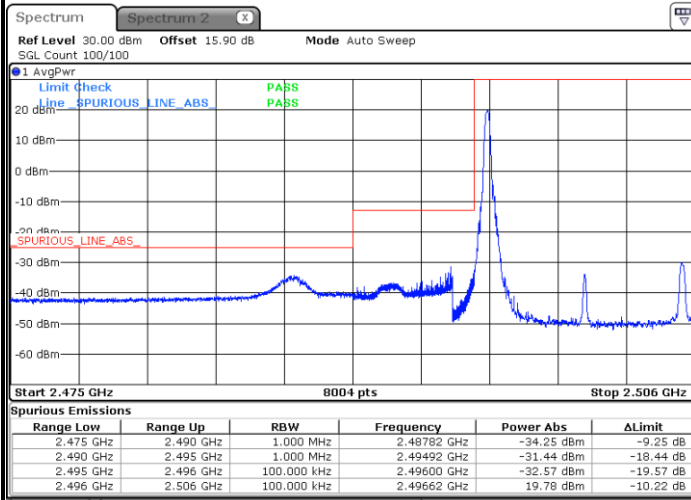
Highest Band Edge / Full RB



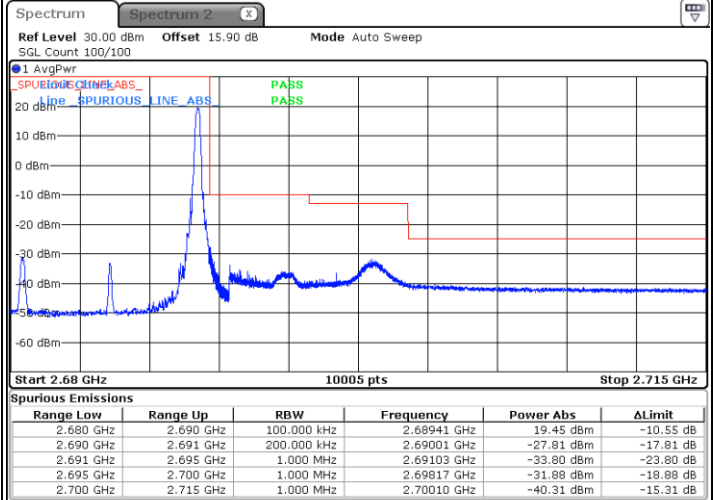


LTE Band 41 / 10MHz / 64QAM

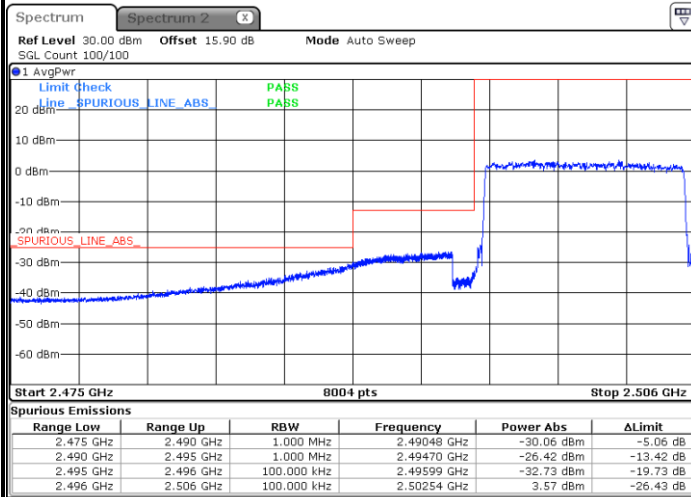
Lowest Band Edge / 1 RB



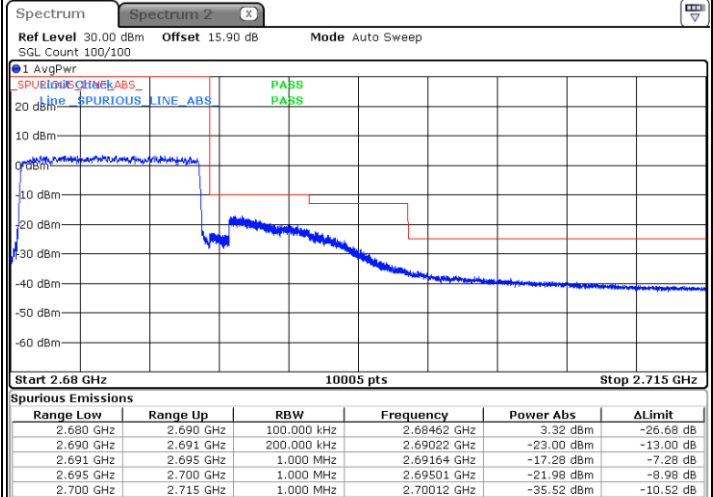
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



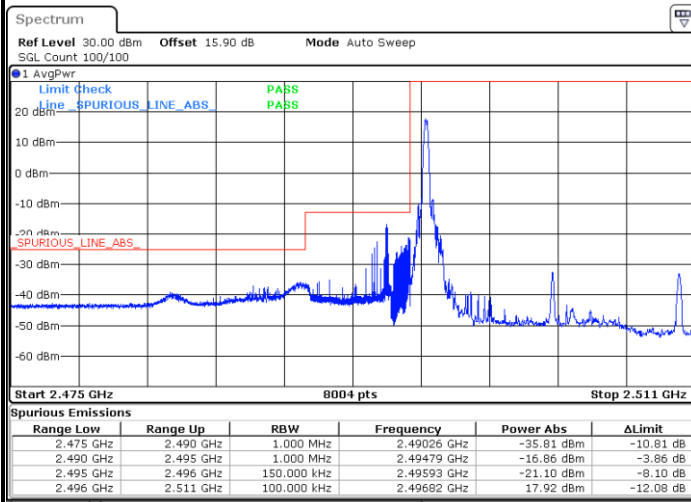
Highest Band Edge / Full RB



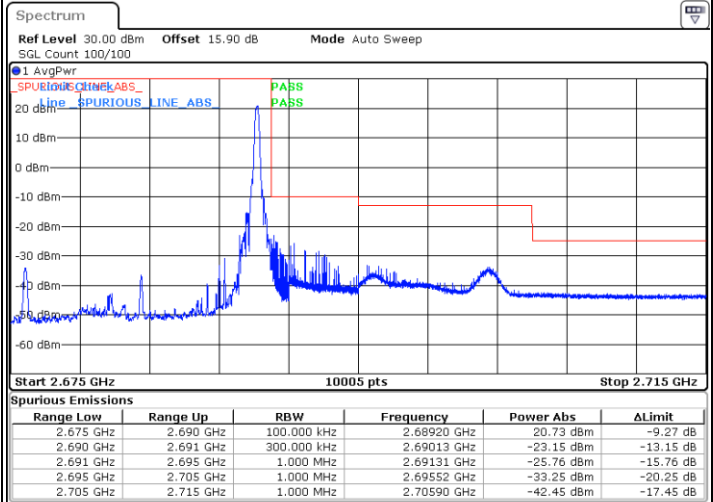


LTE Band 41 / 15MHz / QPSK

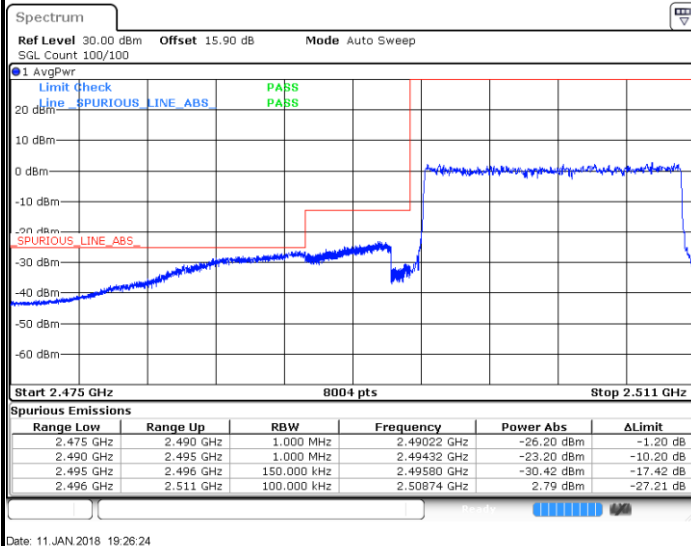
Lowest Band Edge / 1 RB



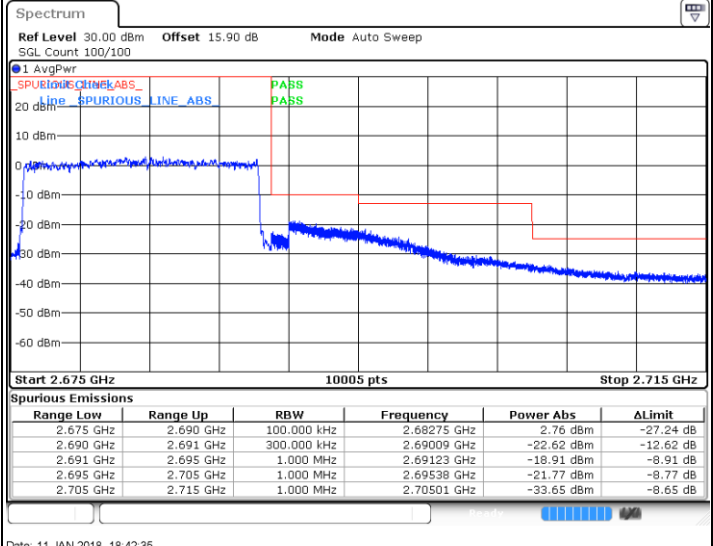
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



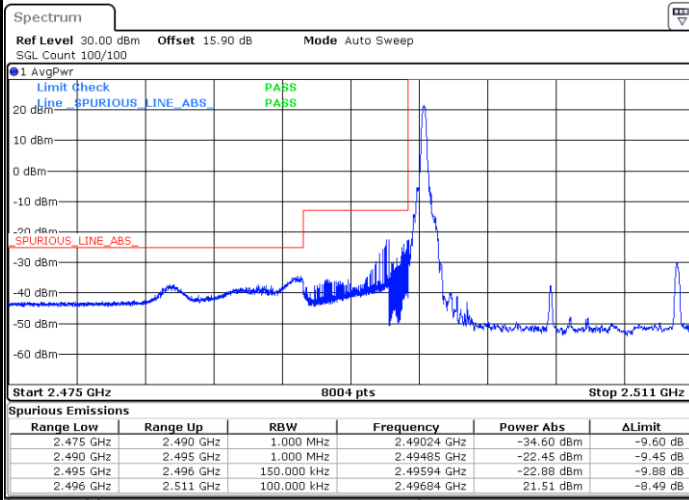
Highest Band Edge / Full RB



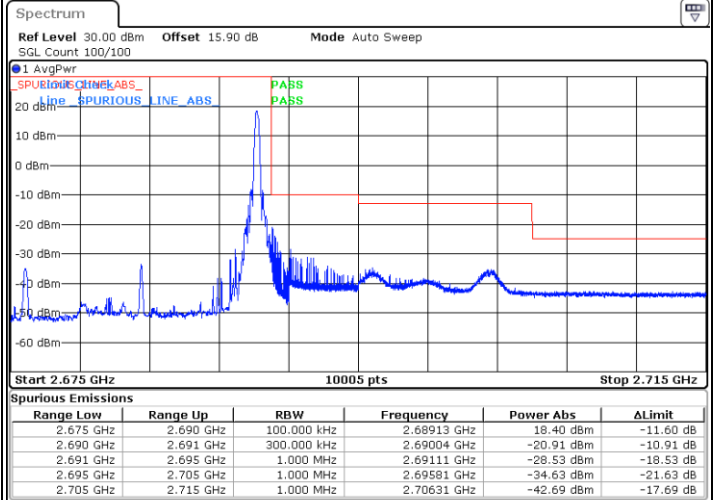


LTE Band 41 / 15MHz / 16QAM

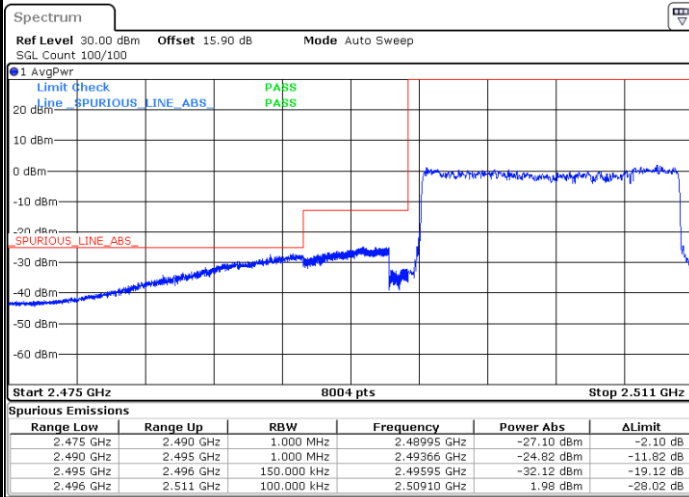
Lowest Band Edge / 1 RB



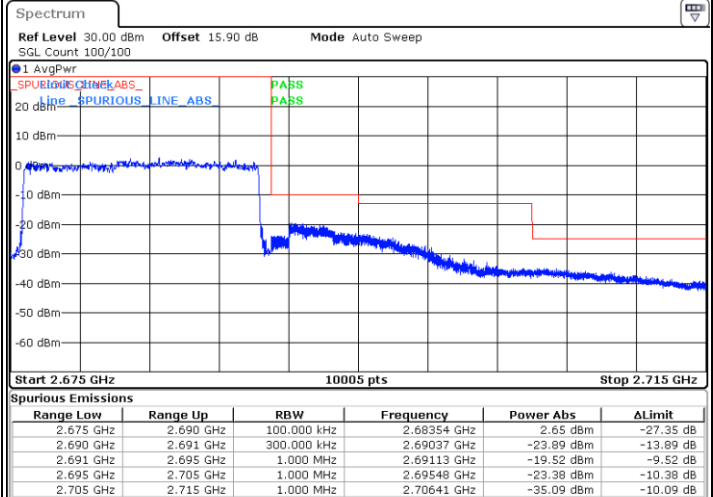
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



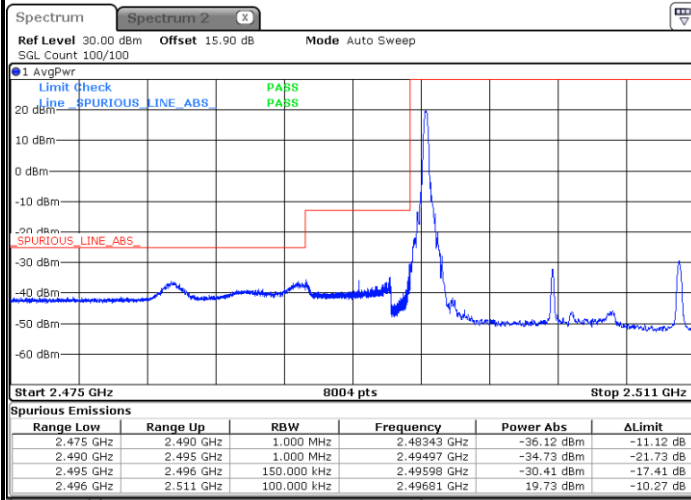
Highest Band Edge / Full RB



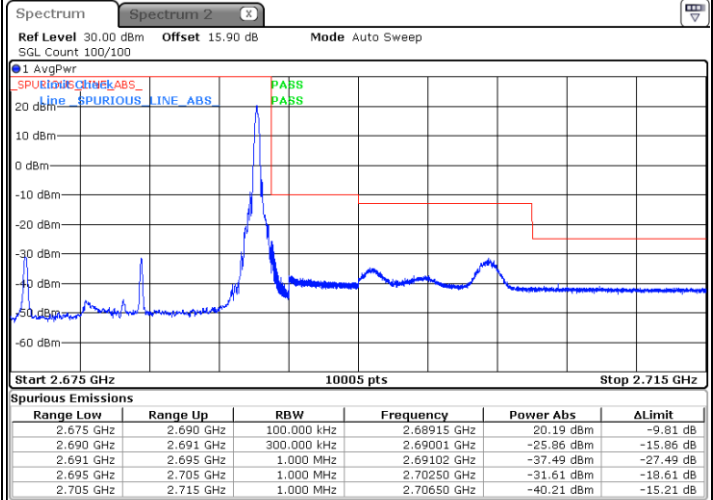


LTE Band 41 / 15MHz / 64QAM

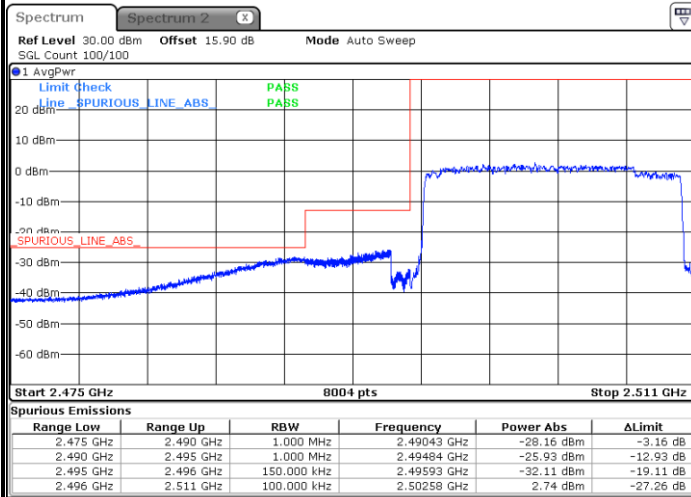
Lowest Band Edge / 1 RB



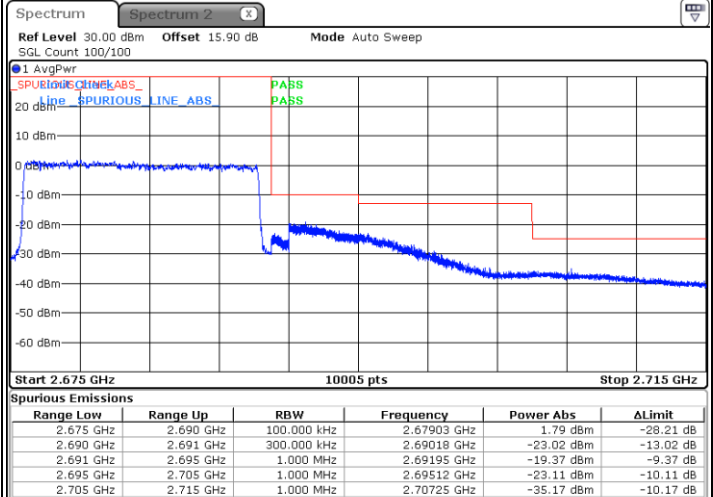
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



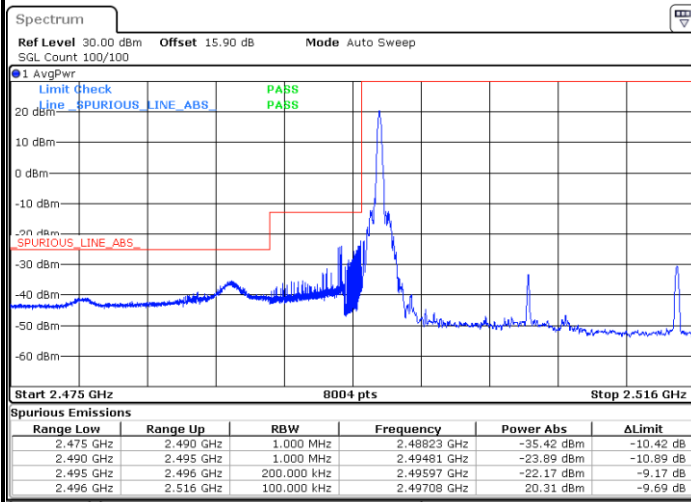
Highest Band Edge / Full RB



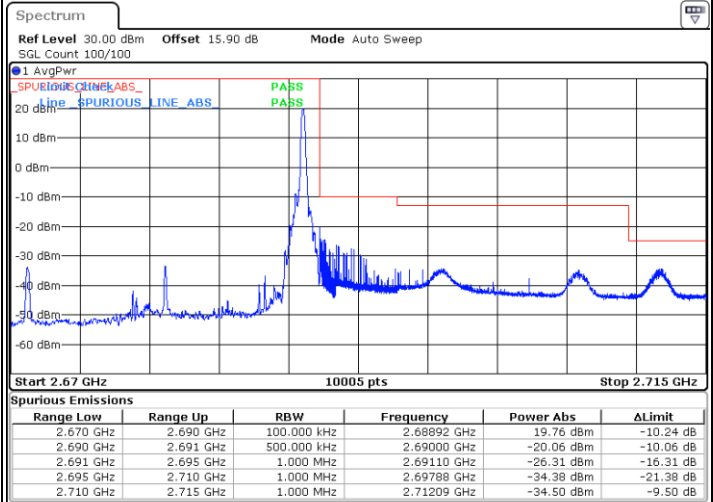


LTE Band 41 / 20MHz / QPSK

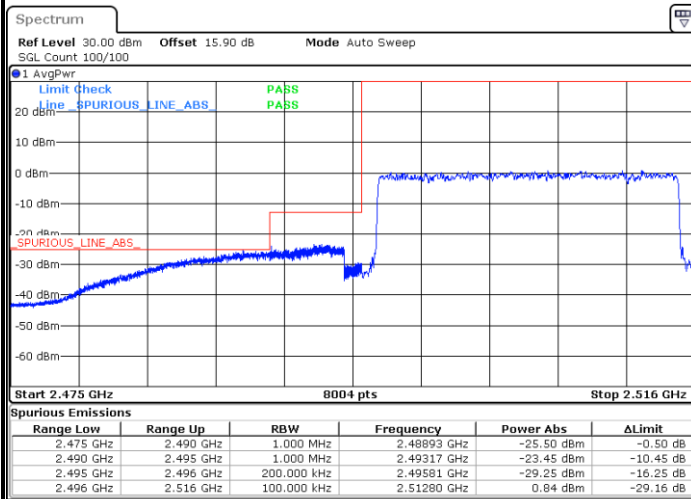
Lowest Band Edge / 1 RB



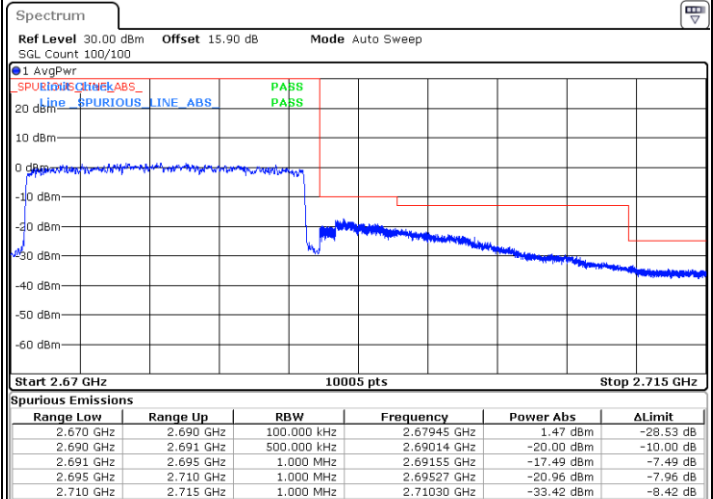
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



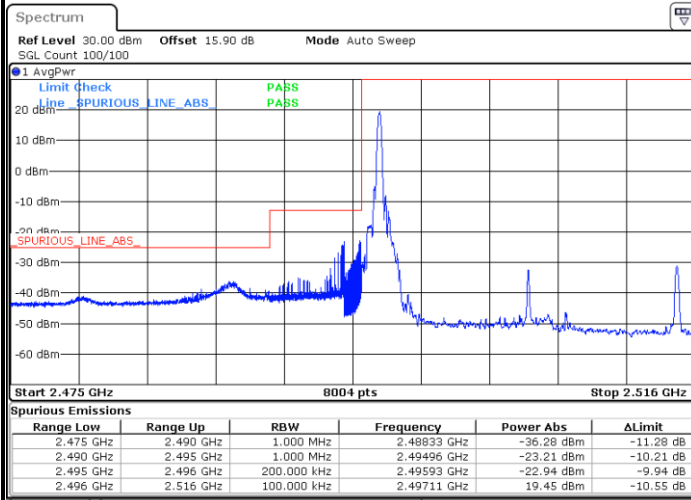
Highest Band Edge / Full RB



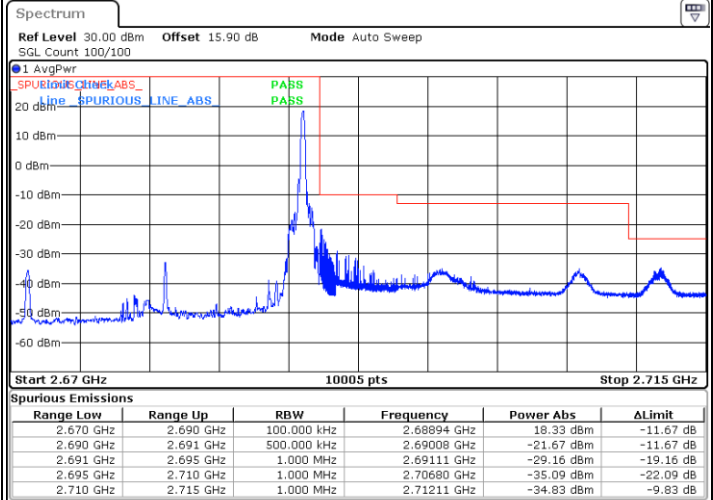


LTE Band 41 / 20MHz / 16QAM

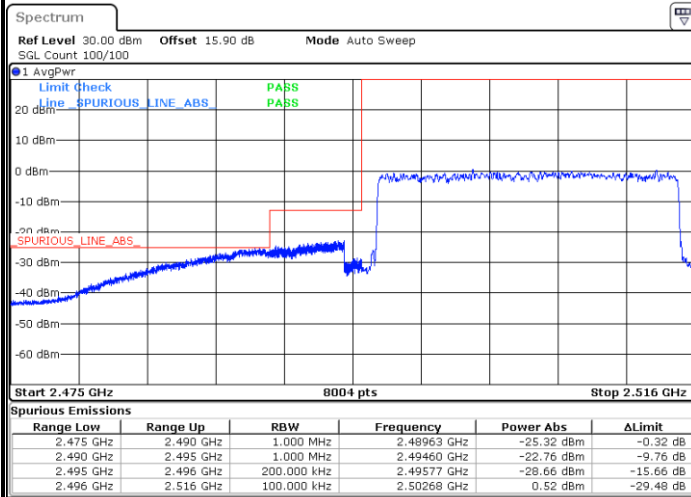
Lowest Band Edge / 1 RB



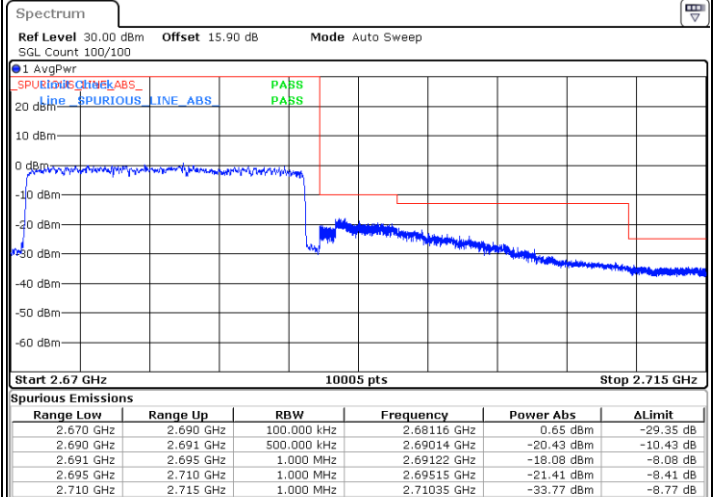
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



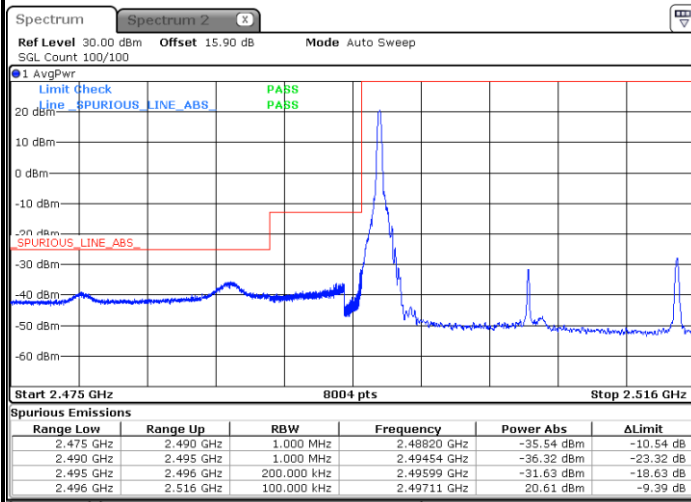
Highest Band Edge / Full RB



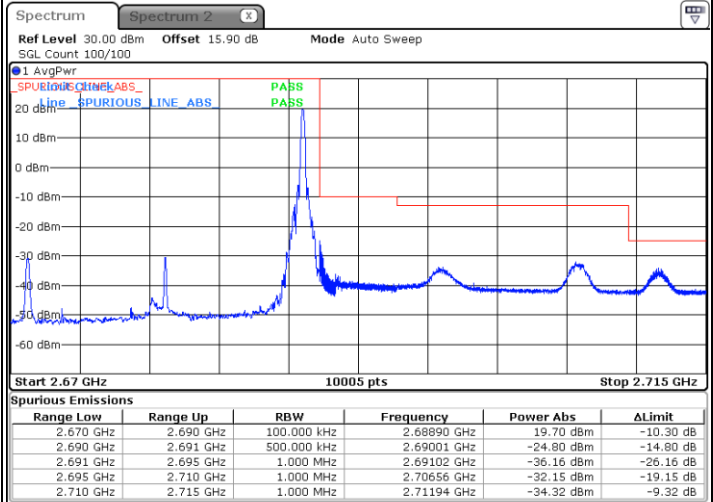


LTE Band 41 / 20MHz / 64QAM

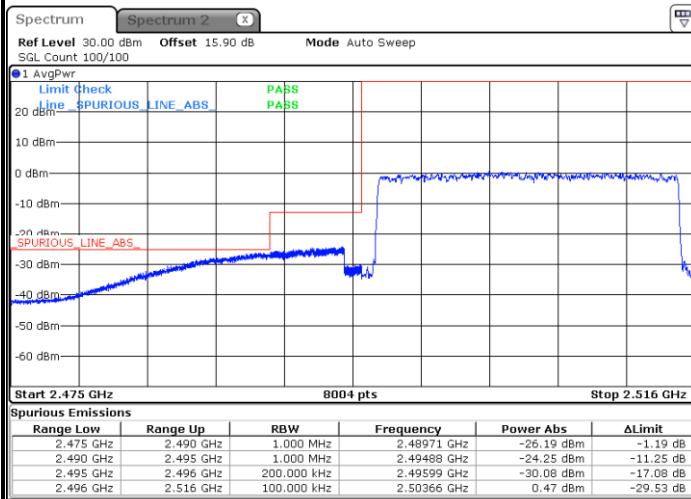
Lowest Band Edge / 1 RB



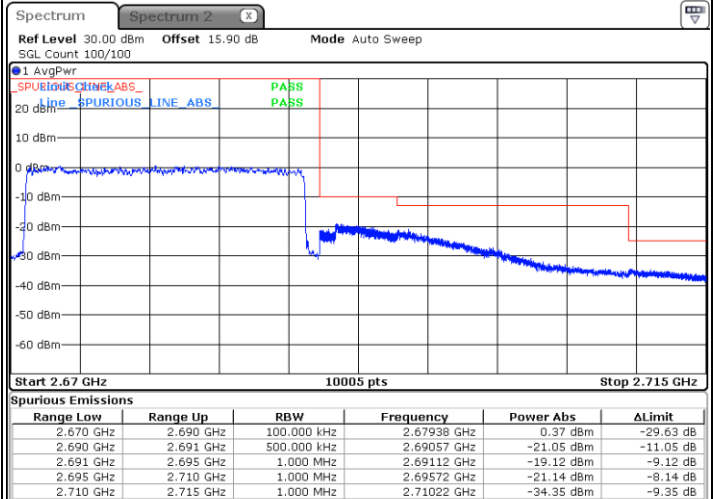
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



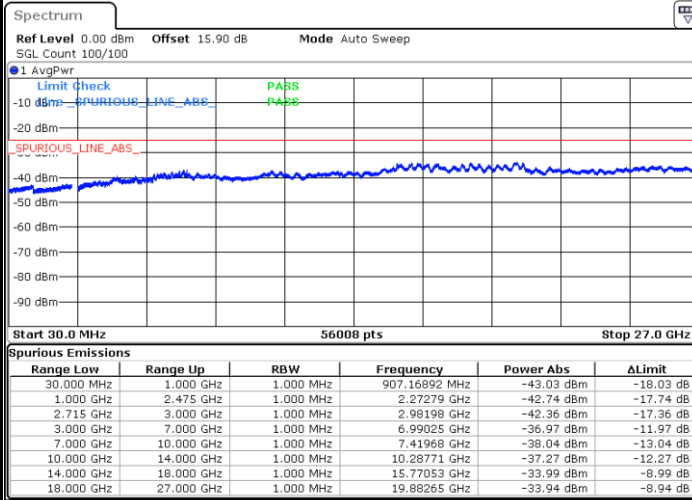


Conducted Spurious Emission



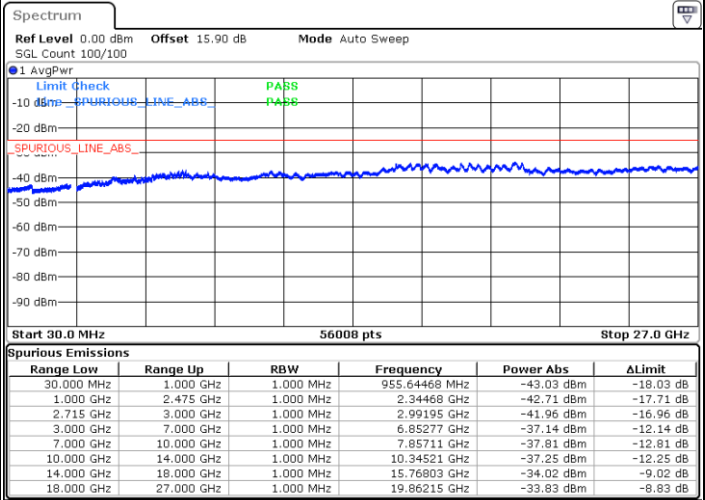
LTE Band 41 / 5MHz

Lowest Channel / QPSK



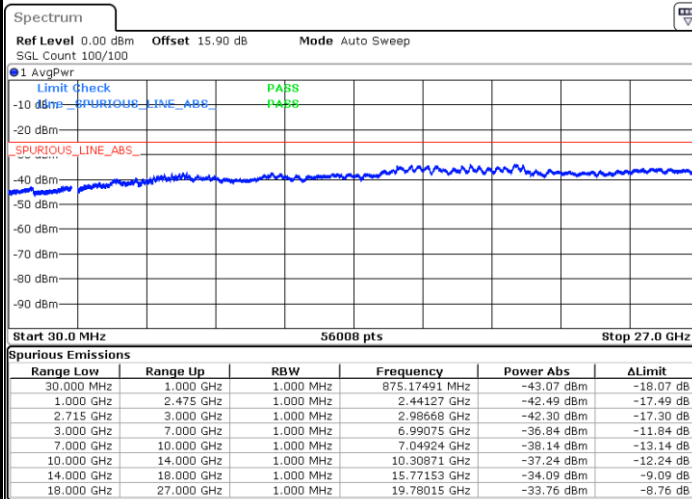
Date: 11.JAN.2018 18:07:13

Lowest Channel / 16QAM



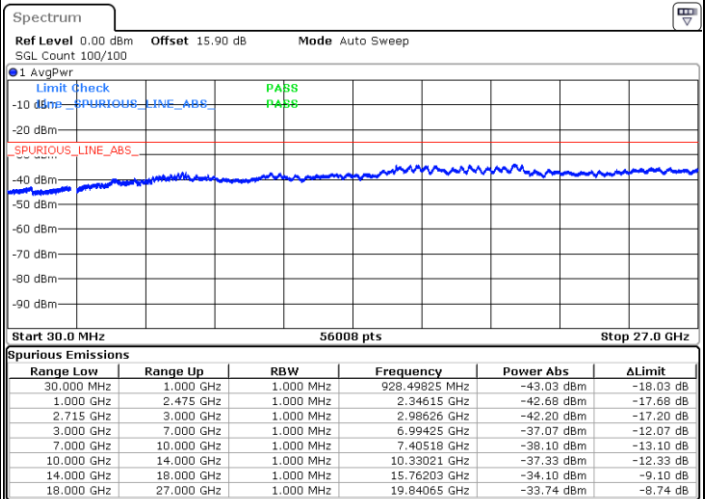
Date: 11.JAN.2018 18:08:07

Middle Channel / QPSK



Date: 11.JAN.2018 18:09:01

Middle Channel / 16QAM

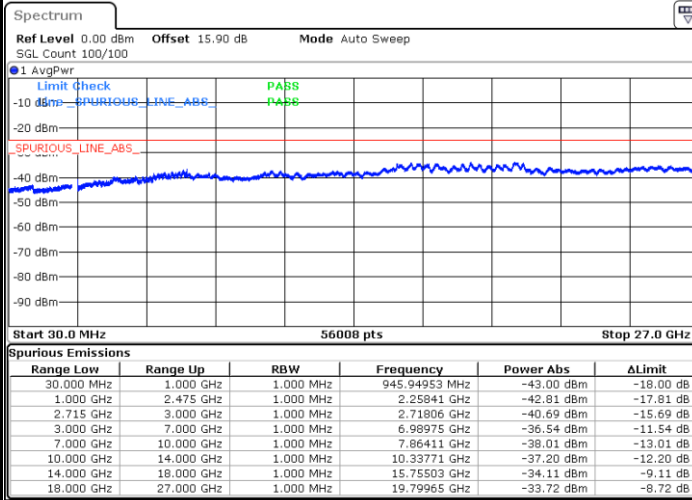


Date: 11.JAN.2018 18:09:55



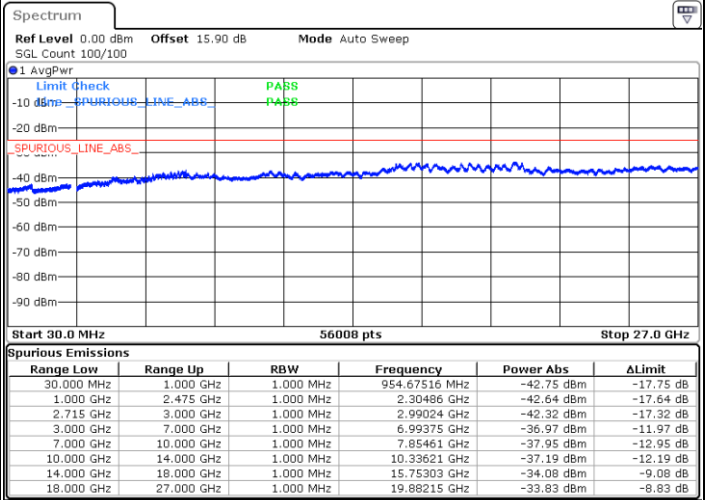
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 11.JAN.2018 18:15:25

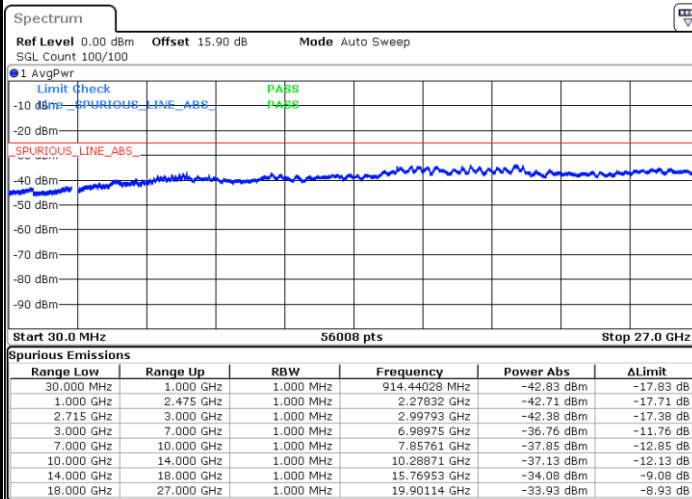
Highest Channel / 16QAM



Date: 11.JAN.2018 18:16:19

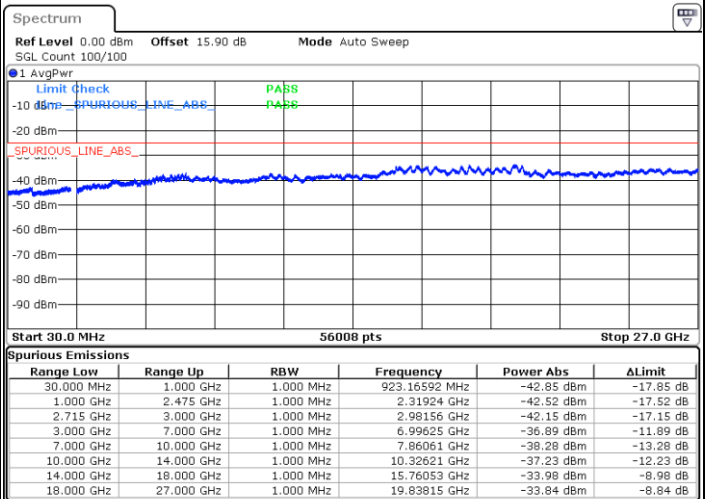
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 11.JAN.2018 18:21:50

Lowest Channel / 16QAM

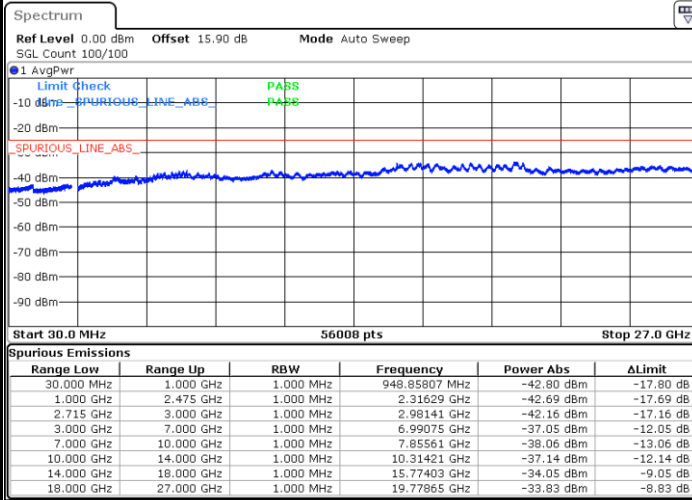


Date: 11.JAN.2018 18:22:44



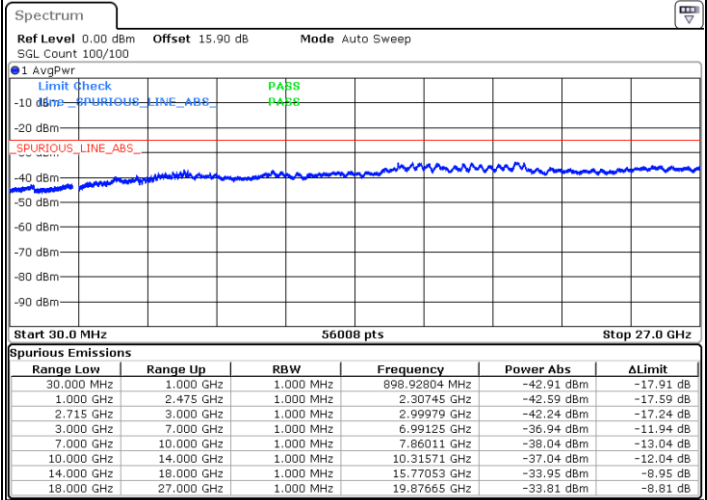
LTE Band 41 / 10MHz

Middle Channel / QPSK



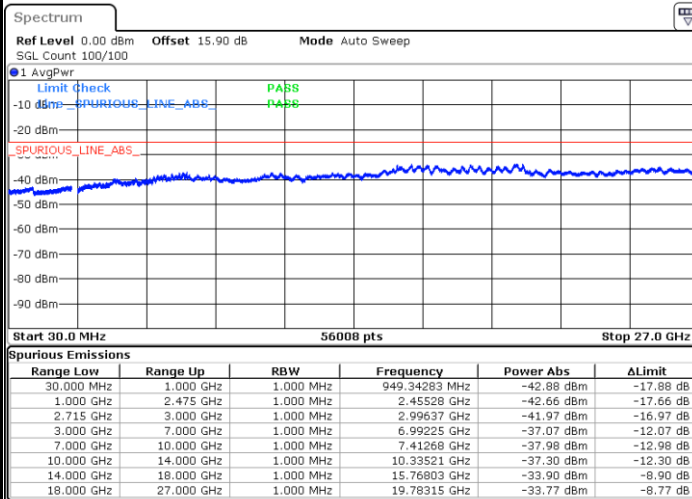
Date: 11.JAN.2018 18:23:38

Middle Channel / 16QAM



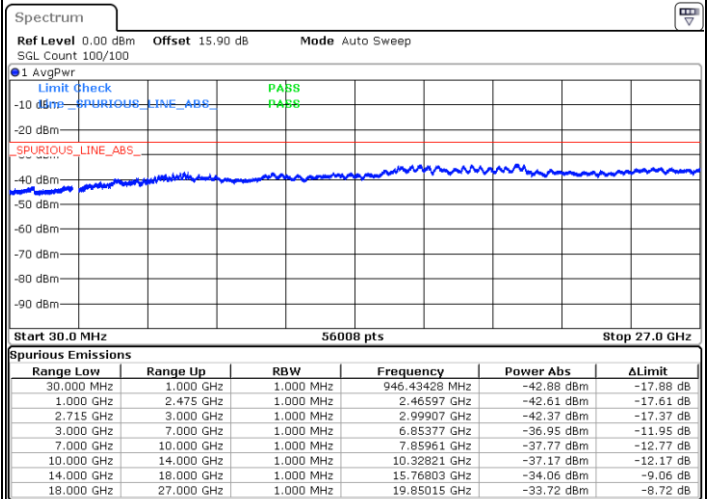
Date: 11.JAN.2018 18:24:32

Highest Channel / QPSK



Date: 11.JAN.2018 18:30:02

Highest Channel / 16QAM

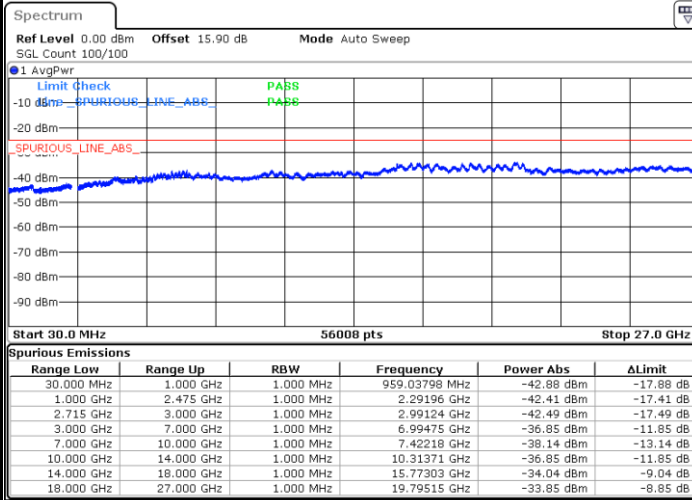


Date: 11.JAN.2018 18:30:56



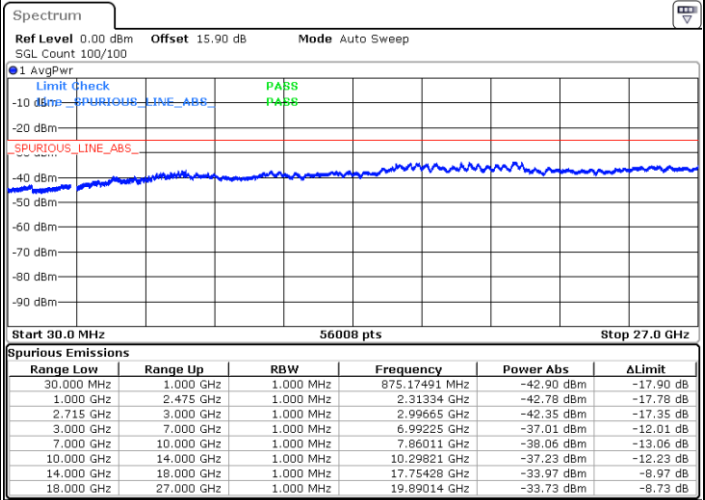
LTE Band 41 / 15MHz

Lowest Channel / QPSK



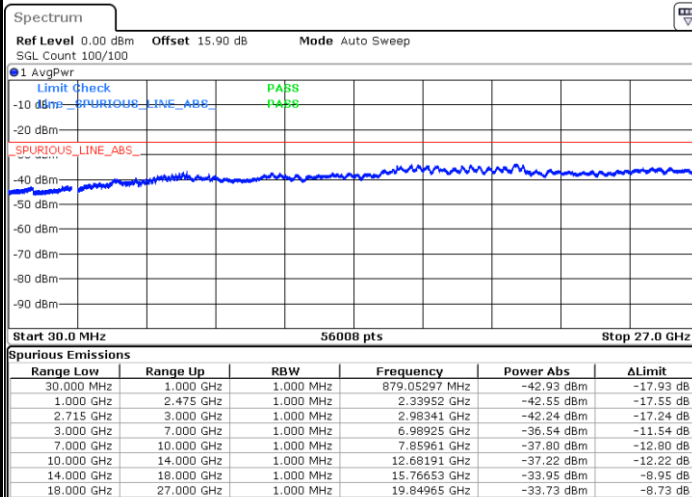
Date: 11.JAN.2018 18:36:27

Lowest Channel / 16QAM



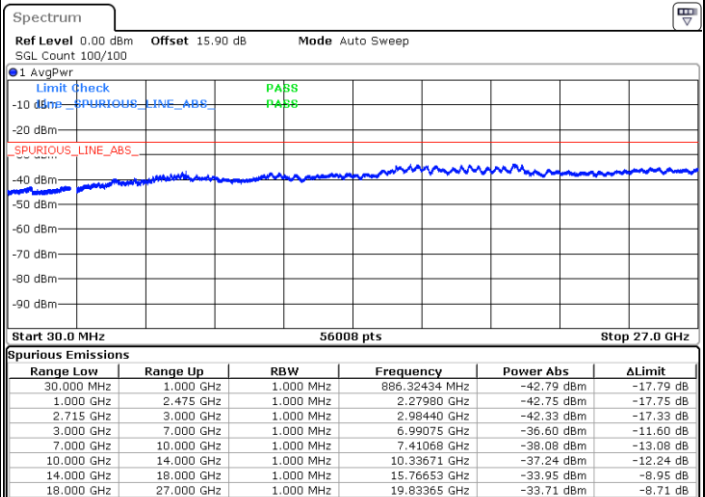
Date: 11.JAN.2018 18:37:21

Middle Channel / QPSK



Date: 11.JAN.2018 18:38:15

Middle Channel / 16QAM

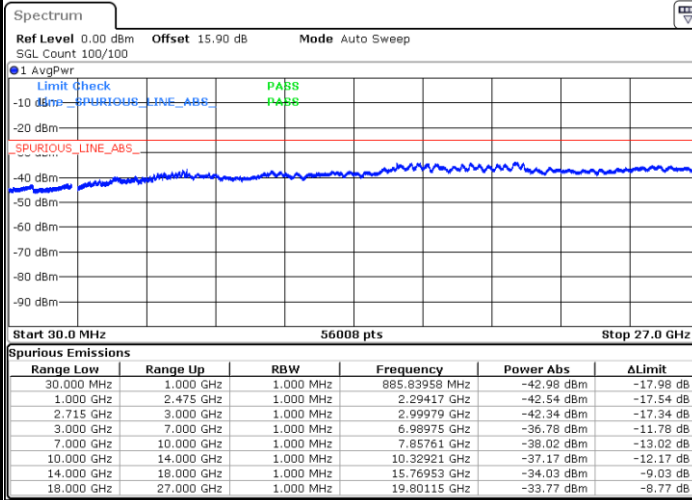


Date: 11.JAN.2018 18:39:09



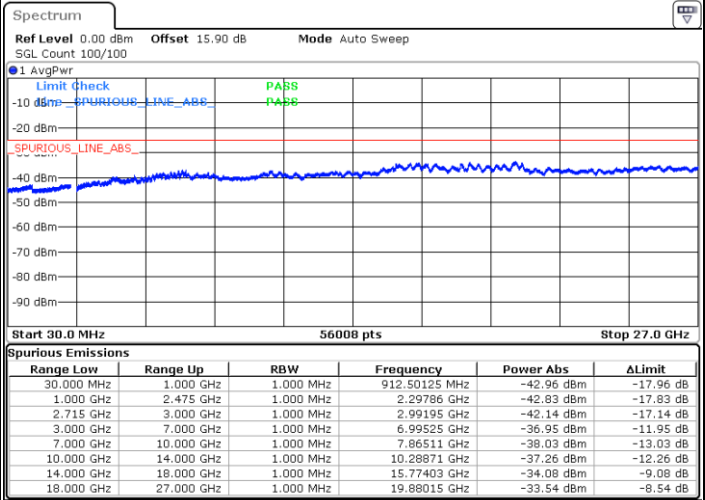
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 11.JAN.2018 18:44:39

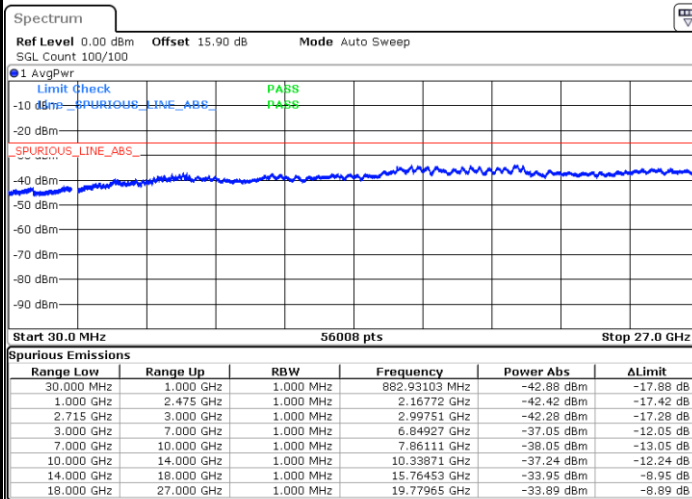
Highest Channel / 16QAM



Date: 11.JAN.2018 18:45:33

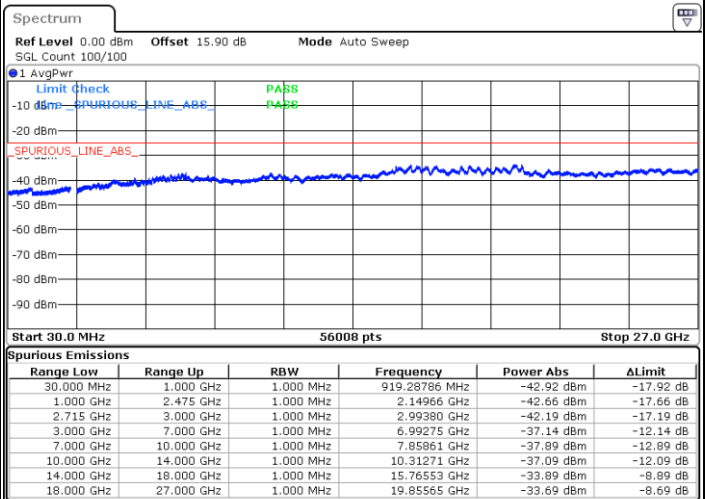
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 11.JAN.2018 18:51:04

Lowest Channel / 16QAM

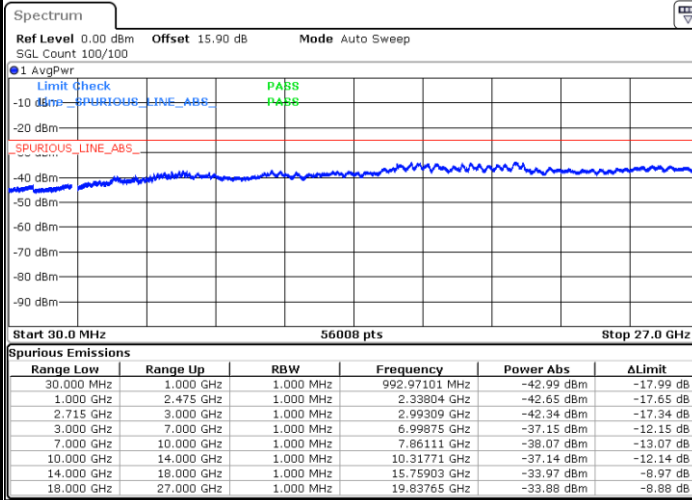


Date: 11.JAN.2018 18:51:58



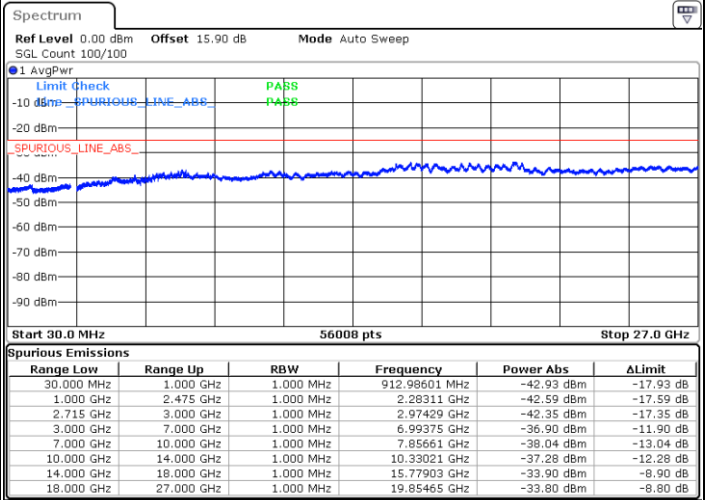
LTE Band 41 / 20MHz

Middle Channel / QPSK



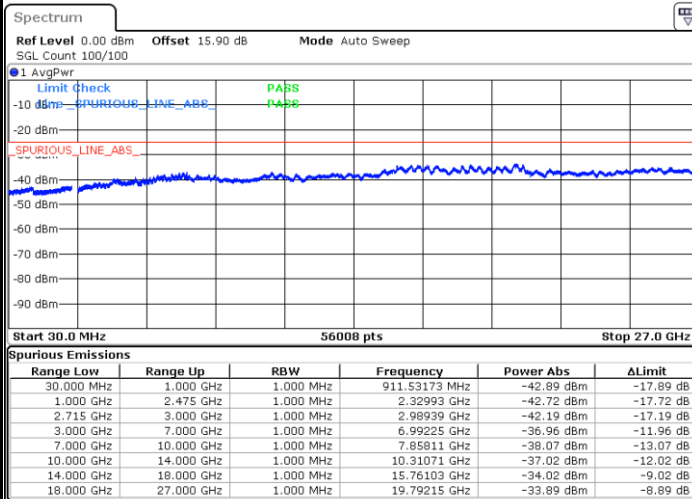
Date: 11.JAN.2018 18:52:52

Middle Channel / 16QAM



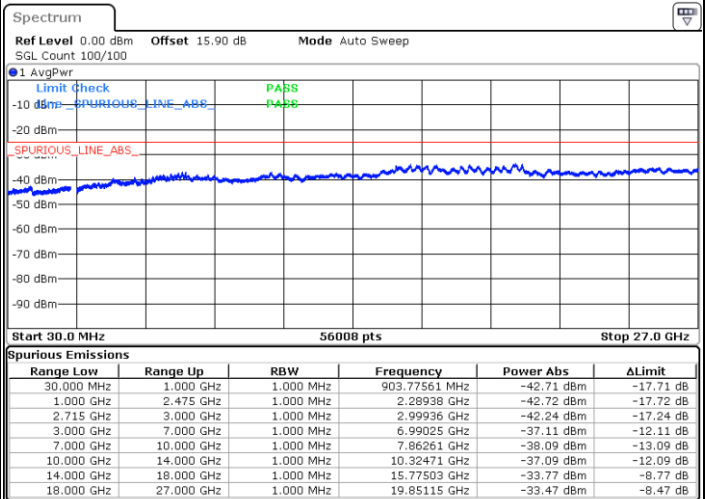
Date: 11.JAN.2018 18:53:46

Highest Channel / QPSK



Date: 11.JAN.2018 18:59:16

Highest Channel / 16QAM

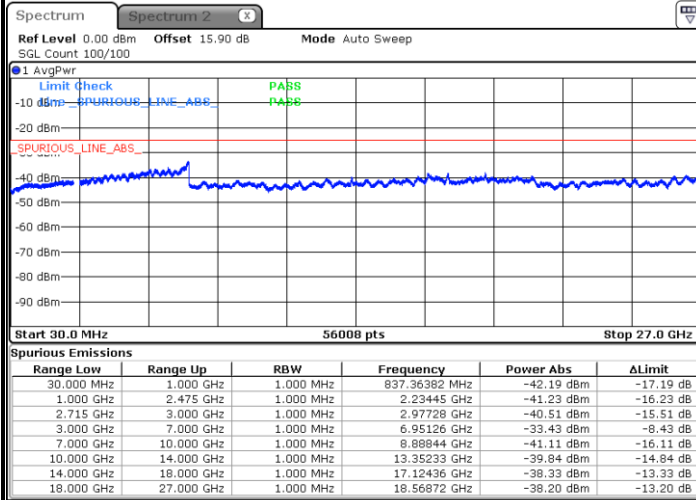


Date: 11.JAN.2018 19:00:10



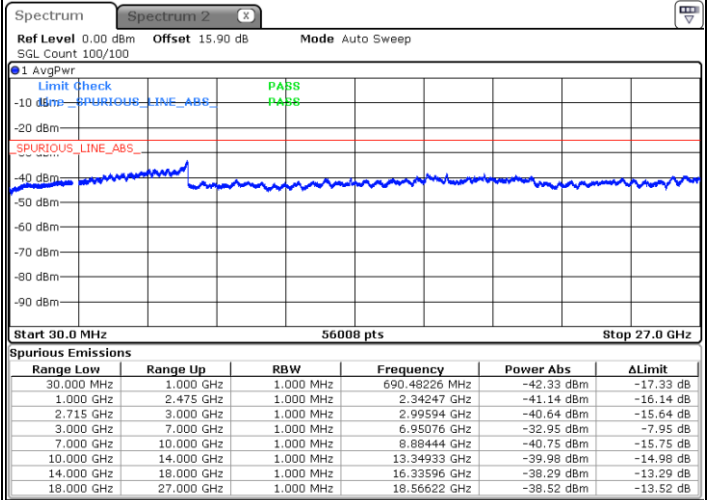
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



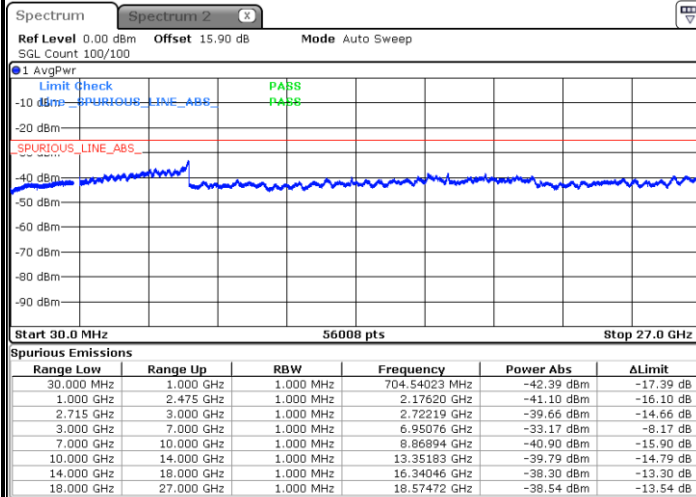
Date: 3.FEB.2018 00:56:00

Middle Channel / 64QAM



Date: 3.FEB.2018 00:57:00

Highest Channel / 64QAM

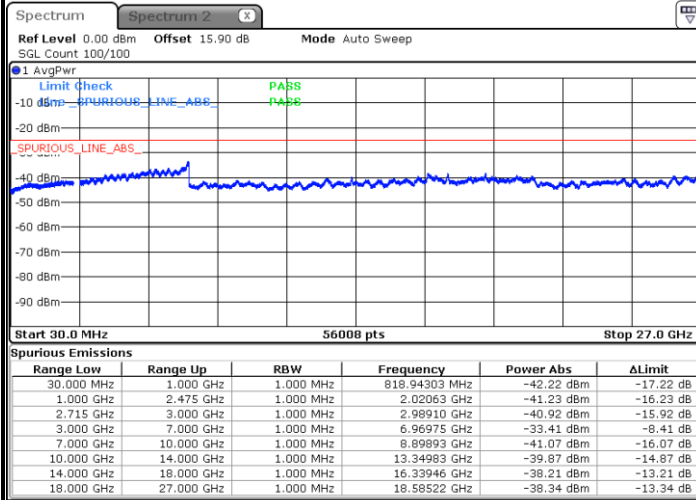


Date: 3.FEB.2018 00:58:00



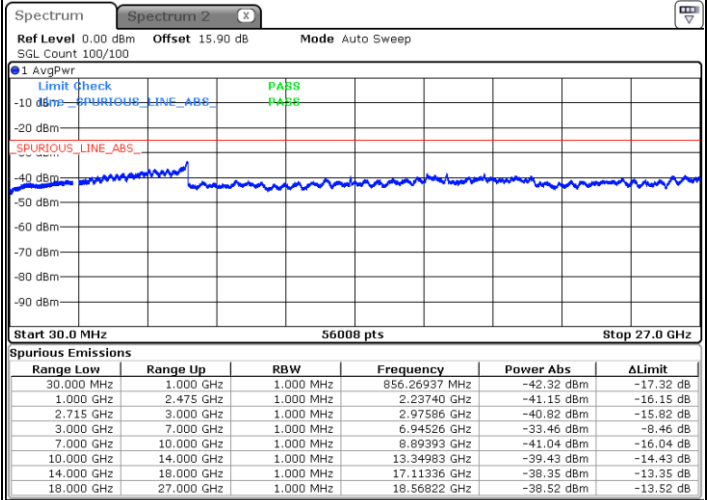
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



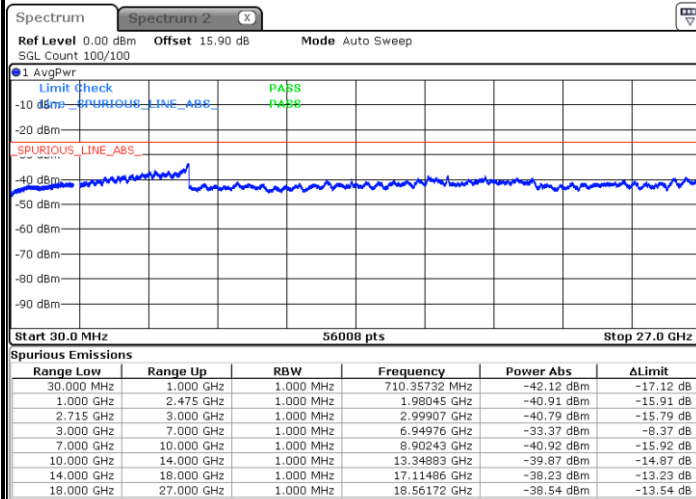
Date: 3.FEB.2018 00:59:00

Middle Channel / 64QAM



Date: 3.FEB.2018 00:59:59

Highest Channel / 64QAM

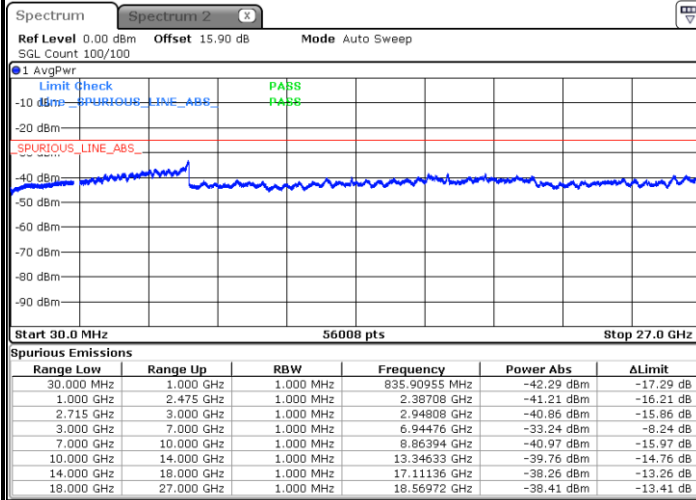


Date: 3.FEB.2018 01:00:59



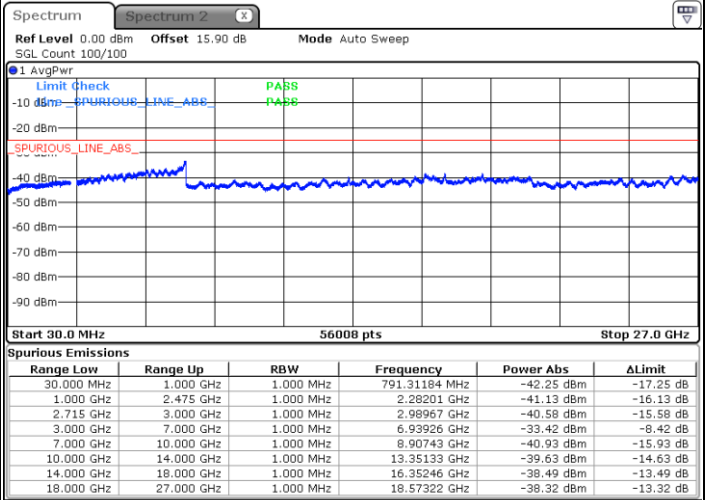
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



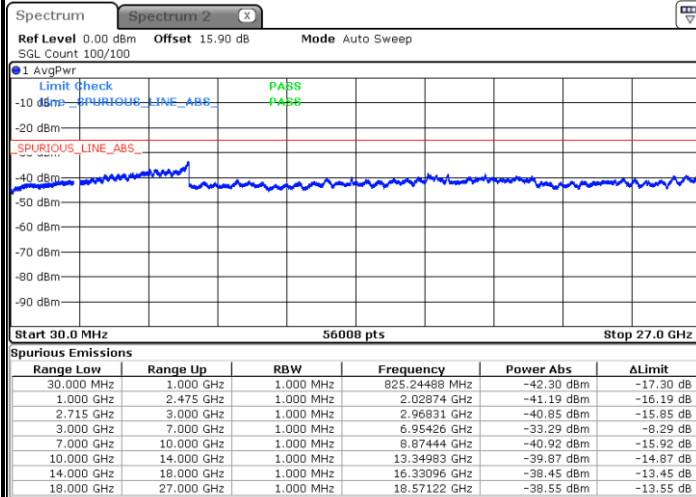
Date: 3.FEB.2018 01:01:59

Middle Channel / 64QAM



Date: 3.FEB.2018 01:02:59

Highest Channel / 64QAM

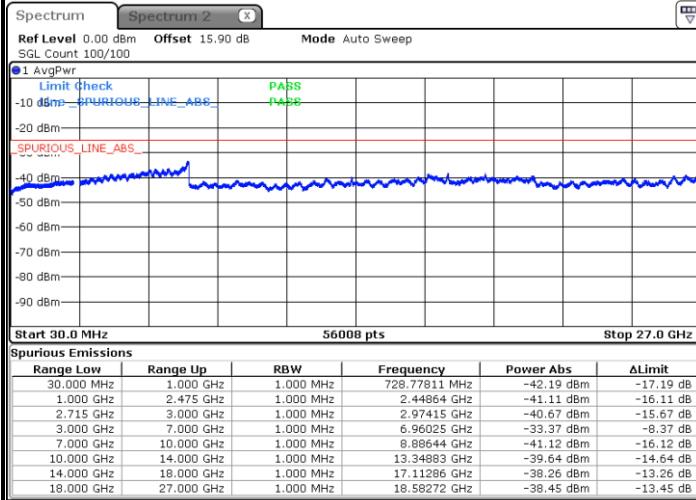


Date: 3.FEB.2018 01:03:59



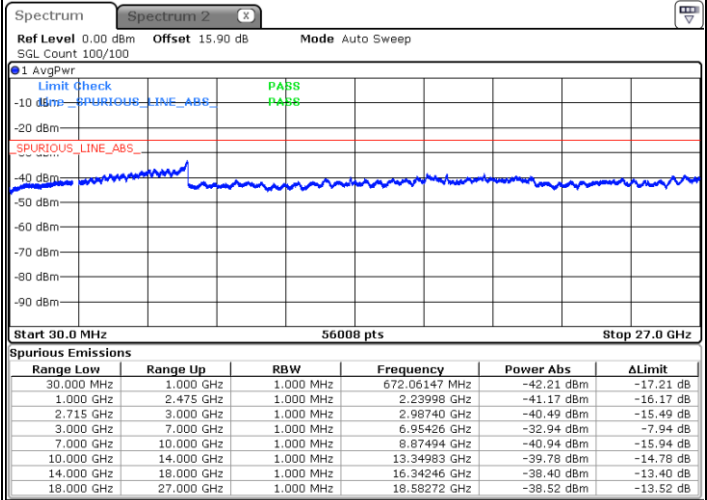
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



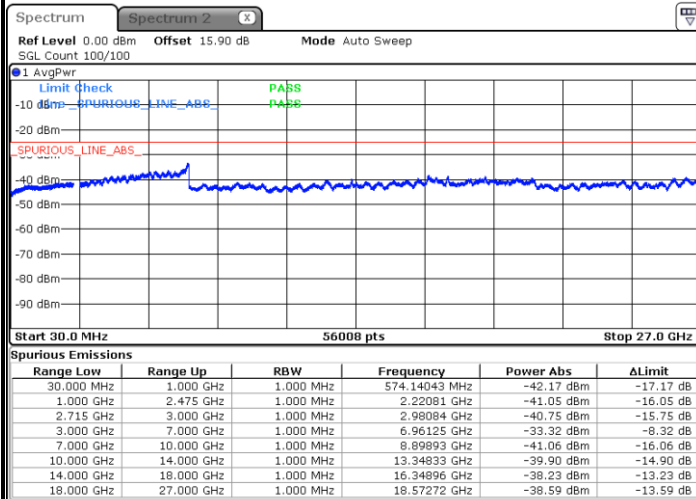
Date: 3.FEB.2018 01:04:59

Middle Channel / 64QAM



Date: 3.FEB.2018 01:05:58

Highest Channel / 64QAM



Date: 3.FEB.2018 01:06:58

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0075	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0053	
0	Normal Voltage	0.0061	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0057	
-30	Normal Voltage	0.0046	
20	Maximum Voltage	0.0068	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0056	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 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 = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.21	0.1663	23.51	0.2244
Middle		3	1	22.28	0.1690	23.58	0.2280
Highest		3	1	22.39	0.1734	23.69	0.2339
Lowest	16QAM	1	0	21.45	0.1396	22.75	0.1884
Middle		1	0	21.41	0.1384	22.71	0.1866
Highest		1	0	21.61	0.1449	22.91	0.1954
Lowest	64QAM	3	1	20.37	0.1089	21.67	0.1469
Middle		3	1	20.39	0.1094	21.69	0.1476
Highest		3	1	20.59	0.1146	21.89	0.1545
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.19	0.1656	23.49	0.2234
Middle		1	8	22.23	0.1671	23.53	0.2254
Highest		1	8	22.52	0.1786	23.82	0.2410
Lowest	16QAM	1	8	21.45	0.1396	22.75	0.1884
Middle		1	8	21.49	0.1409	22.79	0.1901
Highest		1	8	21.81	0.1517	23.11	0.2046
Lowest	64QAM	1	0	20.39	0.1094	21.69	0.1476
Middle		1	0	20.43	0.1104	21.73	0.1489
Highest		1	0	20.39	0.1094	21.69	0.1476
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.34	0.1714	23.64	0.2312
Middle		1	0	22.35	0.1718	23.65	0.2317
Highest		1	0	22.61	0.1824	23.91	0.2460
Lowest	16QAM	1	0	21.59	0.1442	22.89	0.1945
Middle		1	0	21.57	0.1435	22.87	0.1936
Highest		1	0	21.98	0.1578	23.28	0.2128
Lowest	64QAM	1	0	21.50	0.1413	22.80	0.1905
Middle		1	0	21.46	0.1400	22.76	0.1888
Highest		1	0	21.50	0.1413	22.80	0.1905
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.58	0.1811	23.88	0.2443
Middle		1	0	22.61	0.1824	23.91	0.2460
Highest		1	0	22.81	0.1910	24.11	0.2576
Lowest	16QAM	1	0	21.84	0.1528	23.14	0.2061
Middle		1	0	21.87	0.1538	23.17	0.2075
Highest		1	0	22.05	0.1603	23.35	0.2163
Lowest	64QAM	1	0	21.46	0.1400	22.76	0.1888
Middle		1	0	21.50	0.1413	22.80	0.1905
Highest		1	0	21.50	0.1413	22.80	0.1905
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.55	0.1799	23.85	0.2427
Middle		1	0	22.57	0.1807	23.87	0.2438
Highest		1	0	22.62	0.1828	23.92	0.2466
Lowest	16QAM	1	0	21.79	0.1510	23.09	0.2037
Middle		1	0	21.80	0.1514	23.10	0.2042
Highest		1	0	21.92	0.1556	23.22	0.2099
Lowest	64QAM	1	0	21.38	0.1374	22.68	0.1854
Middle		1	0	21.40	0.1380	22.70	0.1862
Highest		1	0	21.50	0.1413	22.80	0.1905
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.60	0.1820	23.90	0.2455
Middle		1	0	22.61	0.1824	23.91	0.2460
Highest		1	0	22.82	0.1914	24.12	0.2582
Lowest	16QAM	1	0	21.34	0.1361	22.64	0.1837
Middle		1	0	21.90	0.1549	23.20	0.2089
Highest		1	0	21.99	0.1581	23.29	0.2133
Lowest	64QAM	1	0	21.78	0.1507	23.08	0.2032
Middle		1	0	21.84	0.1528	23.14	0.2061
Highest		1	0	21.77	0.1503	23.07	0.2028
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 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	22.67	0.1849	22.77	0.1892
Middle		3	1	22.76	0.1888	22.86	0.1932
Highest		3	1	22.83	0.1919	22.93	0.1963
Lowest	16QAM	1	3	21.91	0.1552	22.01	0.1589
Middle		1	3	22.00	0.1585	22.10	0.1622
Highest		1	3	22.07	0.1611	22.17	0.1648
Lowest	64QAM	1	3	20.81	0.1205	20.91	0.1233
Middle		1	3	20.89	0.1227	20.99	0.1256
Highest		1	3	20.98	0.1253	21.08	0.1282
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	22.68	0.1854	22.78	0.1897
Middle		1	0	22.77	0.1892	22.87	0.1936
Highest		1	0	22.83	0.1919	22.93	0.1963
Lowest	16QAM	1	0	21.93	0.1560	22.03	0.1596
Middle		1	0	22.01	0.1589	22.11	0.1626
Highest		1	0	22.07	0.1611	22.17	0.1648
Lowest	64QAM	1	0	20.86	0.1219	20.96	0.1247
Middle		1	0	20.92	0.1236	21.02	0.1265
Highest		1	0	20.99	0.1256	21.09	0.1285
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	22.71	0.1866	22.81	0.1910
Middle		1	0	22.79	0.1901	22.89	0.1945
Highest		1	0	22.90	0.1950	23.00	0.1995
Lowest	16QAM	1	0	21.97	0.1574	22.07	0.1611
Middle		1	0	22.03	0.1596	22.13	0.1633
Highest		1	0	22.14	0.1637	22.24	0.1675
Lowest	64QAM	1	0	20.91	0.1233	21.01	0.1262
Middle		1	0	21.00	0.1259	21.10	0.1288
Highest		1	0	21.12	0.1294	21.22	0.1324
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 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	22.79	0.1901	22.89	0.1945
Middle		1	0	22.91	0.1954	23.01	0.2000
Highest		1	0	22.90	0.1950	23.00	0.1995
Lowest	16QAM	1	0	22.05	0.1603	22.15	0.1641
Middle		1	0	22.14	0.1637	22.24	0.1675
Highest		1	0	22.13	0.1633	22.23	0.1671
Lowest	64QAM	1	25	20.86	0.1219	20.96	0.1247
Middle		1	25	20.95	0.1245	21.05	0.1274
Highest		1	25	21.08	0.1282	21.18	0.1312
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	0	22.88	0.1941	22.98	0.1986
Middle		1	0	22.98	0.1986	23.08	0.2032
Highest		1	0	23.02	0.2004	23.12	0.2051
Lowest	16QAM	1	0	22.17	0.1648	22.27	0.1687
Middle		1	0	22.26	0.1683	22.36	0.1722
Highest		1	0	22.30	0.1698	22.40	0.1738
Lowest	64QAM	1	0	21.09	0.1285	21.19	0.1315
Middle		1	0	21.20	0.1318	21.30	0.1349
Highest		1	0	21.23	0.1327	21.33	0.1358
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	22.93	0.1963	23.03	0.2009
Middle		1	0	23.03	0.2009	23.13	0.2056
Highest		1	0	22.95	0.1972	23.05	0.2018
Lowest	16QAM	1	0	22.20	0.1660	22.30	0.1698
Middle		1	0	22.24	0.1675	22.34	0.1714
Highest		1	0	22.22	0.1667	22.32	0.1706
Lowest	64QAM	1	0	21.14	0.1300	21.24	0.1330
Middle		1	0	21.18	0.1312	21.28	0.1343
Highest		1	0	21.15	0.1303	21.25	0.1334
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.30	0.2138	18.25	0.0668
Middle		3	1	23.39	0.2183	18.34	0.0682
Highest		3	1	23.14	0.2061	18.09	0.0644
Lowest	16QAM	1	3	22.53	0.1791	17.48	0.0560
Middle		1	3	22.67	0.1849	17.62	0.0578
Highest		1	3	22.41	0.1742	17.36	0.0545
Lowest	64QAM	1	3	21.41	0.1384	16.36	0.0433
Middle		1	3	21.53	0.1422	16.48	0.0445
Highest		1	3	21.28	0.1343	16.23	0.0420
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.29	0.2133	18.24	0.0667
Middle		1	0	23.39	0.2183	18.34	0.0682
Highest		1	0	23.18	0.2080	18.13	0.0650
Lowest	16QAM	1	8	22.54	0.1795	17.49	0.0561
Middle		1	8	22.67	0.1849	17.62	0.0578
Highest		1	8	22.43	0.1750	17.38	0.0547
Lowest	64QAM	1	0	21.44	0.1393	16.39	0.0436
Middle		1	0	21.55	0.1429	16.50	0.0447
Highest		1	0	21.35	0.1365	16.30	0.0427
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.30	0.2138	18.25	0.0668
Middle		1	0	23.43	0.2203	18.38	0.0689
Highest		1	0	23.23	0.2104	18.18	0.0658
Lowest	16QAM	1	12	22.55	0.1799	17.50	0.0562
Middle		1	12	22.68	0.1854	17.63	0.0579
Highest		1	12	22.46	0.1762	17.41	0.0551
Lowest	64QAM	1	0	21.47	0.1403	16.42	0.0439
Middle		1	0	21.58	0.1439	16.53	0.0450
Highest		1	0	21.40	0.1380	16.35	0.0432
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.37	0.2173	18.32	0.0679
Middle		1	0	23.44	0.2208	18.39	0.0690
Highest		1	0	23.35	0.2163	18.30	0.0676
Lowest	16QAM	1	0	22.61	0.1824	17.56	0.0570
Middle		1	0	22.68	0.1854	17.63	0.0579
Highest		1	0	22.62	0.1828	17.57	0.0571
Lowest	64QAM	1	25	21.55	0.1429	16.50	0.0447
Middle		1	25	21.57	0.1435	16.52	0.0449
Highest		1	25	21.44	0.1393	16.39	0.0436
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -3.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.52	0.1786	18.62	0.0728
Middle		1	12	22.77	0.1892	18.87	0.0771
Highest		1	12	22.72	0.1871	18.82	0.0762
Lowest	16QAM	1	12	21.84	0.1528	17.94	0.0622
Middle		1	12	22.00	0.1585	18.10	0.0646
Highest		1	12	21.94	0.1563	18.04	0.0637
Lowest	64QAM	1	0	20.76	0.1191	16.86	0.0485
Middle		1	0	20.95	0.1245	17.05	0.0507
Highest		1	0	20.91	0.1233	17.01	0.0502
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -3.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.04	0.1600	18.14	0.0652
Middle		1	0	22.79	0.1901	18.89	0.0774
Highest		1	0	22.72	0.1871	18.82	0.0762
Lowest	16QAM	1	0	21.64	0.1459	17.74	0.0594
Middle		1	0	22.03	0.1596	18.13	0.0650
Highest		1	0	21.96	0.1570	18.06	0.0640
Lowest	64QAM	1	0	20.77	0.1194	16.87	0.0486
Middle		1	0	21.01	0.1262	17.11	0.0514
Highest		1	0	20.93	0.1239	17.03	0.0505
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -3.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.40	0.1738	18.50	0.0708
Middle		1	0	22.92	0.1959	19.02	0.0798
Highest		1	0	22.95	0.1972	19.05	0.0804
Lowest	16QAM	1	0	21.34	0.1361	17.44	0.0555
Middle		1	0	22.19	0.1656	18.29	0.0675
Highest		1	0	22.20	0.1660	18.30	0.0676
Lowest	64QAM	1	0	20.88	0.1225	16.98	0.0499
Middle		1	0	21.04	0.1271	17.14	0.0518
Highest		1	0	21.08	0.1282	17.18	0.0522
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -3.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.75	0.1884	18.85	0.0767
Middle		1	0	22.76	0.1888	18.86	0.0769
Highest		1	0	22.96	0.1977	19.06	0.0805
Lowest	16QAM	1	0	21.94	0.1563	18.04	0.0637
Middle		1	0	22.02	0.1592	18.12	0.0649
Highest		1	0	22.13	0.1633	18.23	0.0665
Lowest	64QAM	1	0	20.99	0.1256	17.09	0.0512
Middle		1	0	20.99	0.1256	17.09	0.0512
Highest		1	0	21.12	0.1294	17.22	0.0527
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -5.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.33	0.1710	14.88	0.0308
Middle		3	1	22.37	0.1726	14.92	0.0310
Highest		3	1	22.08	0.1614	14.63	0.0290
Lowest	16QAM	1	3	21.60	0.1445	14.15	0.0260
Middle		1	3	21.63	0.1455	14.18	0.0262
Highest		1	3	21.31	0.1352	13.86	0.0243
Lowest	64QAM	1	3	20.48	0.1117	13.03	0.0201
Middle		1	3	20.51	0.1125	13.06	0.0202
Highest		1	3	20.30	0.1072	12.85	0.0193
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -5.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.34	0.1714	14.89	0.0308
Middle		1	0	22.35	0.1718	14.90	0.0309
Highest		1	0	22.28	0.1690	14.83	0.0304
Lowest	16QAM	1	0	21.57	0.1435	14.12	0.0258
Middle		1	0	21.62	0.1452	14.17	0.0261
Highest		1	0	21.56	0.1432	14.11	0.0258
Lowest	64QAM	1	0	20.48	0.1117	13.03	0.0201
Middle		1	0	20.53	0.1130	13.08	0.0203
Highest		1	0	20.47	0.1114	13.02	0.0200
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -5.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.42	0.1746	14.97	0.0314
Middle		1	24	22.37	0.1726	14.92	0.0310
Highest		1	24	22.06	0.1607	14.61	0.0289
Lowest	16QAM	1	0	21.59	0.1442	14.14	0.0259
Middle		1	0	21.67	0.1469	14.22	0.0264
Highest		1	0	21.60	0.1445	14.15	0.0260
Lowest	64QAM	1	24	20.58	0.1143	13.13	0.0206
Middle		1	24	20.54	0.1132	13.09	0.0204
Highest		1	24	20.32	0.1076	12.87	0.0194
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -5.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.44	0.1754	14.99	0.0316
Middle		1	0	22.31	0.1702	14.86	0.0306
Highest		1	0	22.36	0.1722	14.91	0.0310
Lowest	16QAM	1	25	21.68	0.1472	14.23	0.0265
Middle		1	25	21.69	0.1476	14.24	0.0265
Highest		1	25	21.60	0.1445	14.15	0.0260
Lowest	64QAM	1	25	20.59	0.1146	13.14	0.0206
Middle		1	25	20.56	0.1138	13.11	0.0205
Highest		1	25	20.53	0.1130	13.08	0.0203
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -5.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.37	0.1726	14.92	0.0310
Middle		1	0	22.34	0.1714	14.89	0.0308
Highest		1	0	22.34	0.1714	14.89	0.0308
Lowest	16QAM	1	12	21.66	0.1466	14.21	0.0264
Middle		1	12	21.55	0.1429	14.10	0.0257
Highest		1	12	21.57	0.1435	14.12	0.0258
Lowest	64QAM	1	0	20.56	0.1138	13.11	0.0205
Middle		1	0	20.52	0.1127	13.07	0.0203
Highest		1	0	20.49	0.1119	13.04	0.0201
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -5.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.38	0.1730	14.93	0.0311
Middle		1	0	22.37	0.1726	14.92	0.0310
Highest		1	0	22.36	0.1722	14.91	0.0310
Lowest	16QAM	1	25	21.66	0.1466	14.21	0.0264
Middle		1	25	21.60	0.1445	14.15	0.0260
Highest		1	25	21.57	0.1435	14.12	0.0258
Lowest	64QAM	1	0	20.55	0.1135	13.10	0.0204
Middle		1	0	20.53	0.1130	13.08	0.0203
Highest		1	0	20.52	0.1127	13.07	0.0203
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -3.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.66	0.1845	19.46	0.0883
Middle		1	0	22.34	0.1714	19.14	0.0820
Highest		1	0	22.60	0.1820	19.40	0.0871
Lowest	16QAM	1	12	21.86	0.1535	18.66	0.0735
Middle		1	12	21.55	0.1429	18.35	0.0684
Highest		1	12	21.74	0.1493	18.54	0.0714
Lowest	64QAM	1	0	20.72	0.1180	17.52	0.0565
Middle		1	0	20.48	0.1117	17.28	0.0535
Highest		1	0	20.67	0.1167	17.47	0.0558
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -3.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.66	0.1845	19.46	0.0883
Middle		1	0	22.48	0.1770	19.28	0.0847
Highest		1	0	22.62	0.1828	19.42	0.0875
Lowest	16QAM	1	0	21.91	0.1552	18.71	0.0743
Middle		1	0	21.60	0.1445	18.40	0.0692
Highest		1	0	21.97	0.1574	18.77	0.0753
Lowest	64QAM	1	0	20.78	0.1197	17.58	0.0573
Middle		1	0	20.57	0.1140	17.37	0.0546
Highest		1	0	20.89	0.1227	17.69	0.0587
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -3.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.69	0.1858	19.49	0.0889
Middle		1	0	22.44	0.1754	19.24	0.0839
Highest		1	0	22.54	0.1795	19.34	0.0859
Lowest	16QAM	1	0	21.91	0.1552	18.71	0.0743
Middle		1	0	21.63	0.1455	18.43	0.0697
Highest		1	0	21.78	0.1507	18.58	0.0721
Lowest	64QAM	1	0	20.88	0.1225	17.68	0.0586
Middle		1	0	20.58	0.1143	17.38	0.0547
Highest		1	0	20.67	0.1167	17.47	0.0558
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -3.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.71	0.1866	19.51	0.0893
Middle		1	0	22.48	0.1770	19.28	0.0847
Highest		1	0	22.54	0.1795	19.34	0.0859
Lowest	16QAM	1	0	21.96	0.1570	18.76	0.0752
Middle		1	0	21.72	0.1486	18.52	0.0711
Highest		1	0	21.79	0.1510	18.59	0.0723
Lowest	64QAM	1	0	20.87	0.1222	17.67	0.0585
Middle		1	0	20.65	0.1161	17.45	0.0556
Highest		1	0	20.74	0.1186	17.54	0.0568
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.99	0.1991	17.94	0.0622
Middle		3	1	23.12	0.2051	18.07	0.0641
Highest		3	1	23.04	0.2014	17.99	0.0630
Lowest	16QAM	1	3	22.24	0.1675	17.19	0.0524
Middle		1	3	22.35	0.1718	17.30	0.0537
Highest		1	3	22.22	0.1667	17.17	0.0521
Lowest	64QAM	1	3	21.14	0.1300	16.09	0.0406
Middle		1	3	21.24	0.1330	16.19	0.0416
Highest		1	3	21.15	0.1303	16.10	0.0407
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.94	0.1968	17.89	0.0615
Middle		1	0	23.10	0.2042	18.05	0.0638
Highest		1	0	23.05	0.2018	18.00	0.0631
Lowest	16QAM	1	0	22.26	0.1683	17.21	0.0526
Middle		1	0	22.41	0.1742	17.36	0.0545
Highest		1	0	22.37	0.1726	17.32	0.0540
Lowest	64QAM	1	0	21.13	0.1297	16.08	0.0406
Middle		1	0	21.28	0.1343	16.23	0.0420
Highest		1	0	21.26	0.1337	16.21	0.0418
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.99	0.1991	17.94	0.0622
Middle		1	0	23.12	0.2051	18.07	0.0641
Highest		1	0	23.11	0.2046	18.06	0.0640
Lowest	16QAM	1	0	22.29	0.1694	17.24	0.0530
Middle		1	0	22.42	0.1746	17.37	0.0546
Highest		1	0	22.37	0.1726	17.32	0.0540
Lowest	64QAM	1	0	21.19	0.1315	16.14	0.0411
Middle		1	0	21.33	0.1358	16.28	0.0425
Highest		1	0	21.29	0.1346	16.24	0.0421
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.01	0.2000	17.96	0.0625
Middle		1	0	23.19	0.2084	18.14	0.0652
Highest		1	0	23.20	0.2089	18.15	0.0653
Lowest	16QAM	1	0	22.31	0.1702	17.26	0.0532
Middle		1	0	22.46	0.1762	17.41	0.0551
Highest		1	0	22.49	0.1774	17.44	0.0555
Lowest	64QAM	1	0	21.18	0.1312	16.13	0.0410
Middle		1	0	21.36	0.1368	16.31	0.0428
Highest		1	0	21.37	0.1371	16.32	0.0429
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -2.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.20	0.2089	18.15	0.0653
Middle		1	0	23.17	0.2075	18.12	0.0649
Highest		1	0	23.26	0.2118	18.21	0.0662
Lowest	16QAM	1	37	22.48	0.1770	17.43	0.0553
Middle		1	37	22.50	0.1778	17.45	0.0556
Highest		1	37	22.50	0.1778	17.45	0.0556
Lowest	64QAM	1	0	21.24	0.1330	16.19	0.0416
Middle		1	0	21.35	0.1365	16.30	0.0427
Highest		1	0	21.39	0.1377	16.34	0.0431
Limit	ERP < 7W			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	3700	-60.21	-13	-47.21	-75.59	-70.52	1.97	12.28	H
	5555	-53.03	-13	-40.03	-70.91	-63.16	2.14	12.28	H
	7403	-54.76	-13	-41.76	-75.05	-62.76	2.17	10.17	H
									H
									H
									H
									H
	3700	-60.65	-13	-47.65	-75.57	-70.96	1.97	12.28	V
	5555	-50.32	-13	-37.32	-68.21	-60.45	2.14	12.28	V
	7403	-54.86	-13	-41.86	-75.03	-62.86	2.17	10.17	V
									V
									V
									V
									V



Middle	3742	-59.95	-13	-46.95	-75.37	-70.21	2.00	12.25	H
	5611	-53.42	-13	-40.42	-71.18	-63.65	2.13	12.36	H
	7487	-54.78	-13	-41.78	-75.09	-62.68	2.12	10.02	H
									H
									H
									H
									H
	3742	-60.28	-13	-47.28	-75.21	-70.54	2.00	12.25	V
	5611	-50.00	-13	-37.00	-67.37	-60.23	2.13	12.36	V
	7487	-54.24	-13	-41.24	-74.91	-62.14	2.12	10.02	V
									V
									V
									V
									V
									V
									V
Highest	3784	-59.48	-13	-46.48	-74.95	-69.69	2.02	12.23	H
	5674	-52.75	-13	-39.75	-70.8	-63.08	2.11	12.44	H
	7564	-54.91	-13	-41.91	-75.43	-63.03	2.11	10.23	H
									H
									H
									H
									H
	3784	-59.83	-13	-46.83	-74.77	-70.04	2.02	12.23	V
	5674	-48.63	-13	-35.63	-66.65	-58.96	2.11	12.44	V
	7564	-54.70	-13	-41.70	-75.22	-62.82	2.11	10.23	V
									V
									V
									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	-59.42	-13	-46.42	-74.45	-69.78	1.80	12.16	H
	5135	-50.15	-13	-37.15	-67.69	-59.97	2.30	12.13	H
	6843	-56.19	-13	-43.19	-75.22	-64.88	2.37	11.06	H
									H
									H
									H
									H
	3420	-59.34	-13	-46.34	-74.18	-69.70	1.80	12.16	V
	5135	-44.25	-13	-31.25	-62.01	-54.07	2.30	12.13	V
	6843	-55.13	-13	-42.13	-75.36	-63.82	2.37	11.06	V
									V
									V
									V
									V
Middle	3448	-59.21	-13	-46.21	-74.49	-69.63	1.83	12.24	H
	5170	-52.63	-13	-39.63	-70.05	-62.47	2.29	12.13	H
	6892	-56.10	-13	-43.10	-75.16	-64.72	2.38	11.01	H
									H
									H
									H
									H
	3448	-59.67	-13	-46.67	-74.42	-70.09	1.83	12.24	V
	5170	-45.61	-13	-32.61	-63.26	-55.45	2.29	12.13	V
	6892	-54.88	-13	-41.88	-75.1	-63.50	2.38	11.01	V
									V
									V
									V
									V



Highest	3469	-59.10	-13	-46.10	-74.53	-69.56	1.84	12.31	H
	5205	-53.80	-13	-40.80	-74.12	-63.67	2.28	12.14	H
	6941	-55.74	-13	-42.74	-74.82	-64.30	2.40	10.96	H
									H
									H
									H
									H
	3469	-58.88	-13	-45.88	-74.05	-69.34	1.84	12.31	V
	5205	-47.09	-13	-34.09	-64.65	-56.96	2.28	12.14	V
	6941	-54.99	-13	-41.99	-75.18	-63.55	2.40	10.96	V
									V
									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	5004	-58.26	-25	-33.26	-76.19	-68.00	2.36	12.10	H
	7503	-53.79	-25	-28.79	-74.15	-61.69	2.11	10.01	H
	10008	-48.51	-25	-23.51	-74.71	-58.50	1.81	11.80	H
									H
									H
									H
									H
	5004	-57.70	-25	-32.70	-75.85	-67.44	2.36	12.10	V
	7503	-49.86	-25	-24.86	-70.49	-57.76	2.11	10.01	V
	10008	-49.22	-25	-24.22	-74.7	-59.21	1.81	11.80	V
									V
									V
									V
									V
Middle	5052	-58.19	-25	-33.19	-76	-67.96	2.34	12.11	H
	7578	-54.15	-25	-29.15	-74.72	-62.32	2.11	10.28	H
	10104	-48.58	-25	-23.58	-74.76	-58.46	1.96	11.84	H
									H
									H
									H
									H
	5052	-55.93	-25	-30.93	-73.88	-65.70	2.34	12.11	V
	7578	-49.97	-25	-24.97	-70.43	-58.14	2.11	10.28	V
	10104	-49.31	-25	-24.31	-74.99	-59.19	1.96	11.84	V
									V
									V
									V
									V



Highest	5100	-58.81	-25	-33.81	-76.45	-68.61	2.32	12.12	H
	7650	-51.55	-25	-26.55	-72.29	-59.98	2.11	10.54	H
	10206	-48.74	-25	-23.74	-74.87	-58.50	2.13	11.88	H
									H
									H
									H
									H
	5100	-57.47	-25	-32.47	-75.32	-67.27	2.32	12.12	V
	7650	-50.07	-25	-25.07	-70.83	-58.50	2.11	10.54	V
	10206	-49.41	-25	-24.41	-75.27	-59.17	2.13	11.88	V
									V
									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	-63.72	-13	-50.72	-73.37	-68.16	1.15	7.74	H
	2098	-62.32	-13	-49.32	-74.53	-68.97	1.38	10.18	H
	2800	-60.97	-13	-47.97	-74.37	-68.11	1.45	10.74	H
									H
									H
									H
									H
	1400	-63.54	-13	-50.54	-73.04	-67.98	1.15	7.74	V
	2098	-62.37	-13	-49.37	-74.69	-69.02	1.38	10.18	V
	2800	-60.91	-13	-47.91	-74.60	-68.05	1.45	10.74	V
									V
									V
									V
									V
Middle	1408	-61.96	-13	-48.96	-71.61	-66.44	1.15	7.78	H
	2109	-61.85	-13	-48.85	-74.06	-68.51	1.38	10.19	H
	2812	-61.11	-13	-48.11	-74.56	-68.26	1.45	10.75	H
									H
									H
									H
									H
	1408	-60.62	-13	-47.62	-70.12	-65.10	1.15	7.78	V
	2109	-61.92	-13	-48.92	-74.24	-68.58	1.38	10.19	V
	2812	-60.68	-13	-47.68	-74.34	-67.83	1.45	10.75	V
									V
									V
									V
									V



Highest	1416	-61.89	-13	-48.89	-71.54	-66.40	1.15	7.81	H
	2119	-62.23	-13	-49.23	-74.76	-68.90	1.38	10.20	H
	2826	-60.58	-13	-47.58	-74.03	-67.74	1.45	10.76	H
									H
									H
									H
									H
	1416	-58.15	-13	-45.15	-67.65	-62.66	1.15	7.81	V
	2119	-61.94	-13	-48.94	-74.62	-68.61	1.38	10.20	V
	2826	-60.87	-13	-47.87	-74.53	-68.03	1.45	10.76	V
									V
									V
									V
									V
									V
									V

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

**LTE Band 41**

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-58.27	-25	-33.27	-76.25	-68.02	2.35	12.10	H
	7488	-54.31	-25	-29.31	-74.62	-62.21	2.12	10.02	H
	9990	-48.51	-25	-23.51	-74.71	-58.50	1.81	11.80	H
									H
									H
									H
									H
	4992	-57.76	-25	-32.76	-75.91	-67.51	2.35	12.10	V
	7488	-55.65	-25	-30.65	-74.31	-63.55	2.12	10.02	V
	9990	-49.25	-25	-24.25	-74.69	-59.24	1.81	11.80	V
									V
									V
									V
									V
Middle	5166	-58.46	-25	-33.46	-75.89	-68.30	2.29	12.13	H
	7752	-53.27	-25	-28.27	-74.23	-62.06	2.11	10.91	H
	10332	-48.61	-25	-23.61	-74.71	-58.22	2.32	11.93	H
									H
									H
									H
									H
	5166	-58.33	-25	-33.33	-75.99	-68.17	2.29	12.13	V
	7752	-53.48	-25	-28.48	-74.59	-62.27	2.11	10.91	V
	10332	-48.73	-25	-23.73	-74.83	-58.34	2.32	11.93	V
									V
									V
									V
									V



Highest	5340	-58.38	-25	-33.38	-76.04	-68.33	2.22	12.17	H
	8016	-51.44	-25	-26.44	-74.45	-61.15	2.11	11.83	H
	10683	-48.84	-25	-23.84	-74.57	-57.97	2.62	11.74	H
									H
									H
									H
									H
	5340	-58.56	-25	-33.56	-76.3	-68.51	2.22	12.17	V
	8013	-50.99	-25	-25.99	-74.12	-60.70	2.11	11.82	V
	10683	-48.05	-25	-23.05	-74.29	-57.18	2.62	11.74	V
									V
									V
									V
									V
									V
									V

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

**LTE Band 26**

LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-62.66	-13	-49.66	-72.07	-68.05	1.23	8.76	H
	2472	-61.44	-13	-48.44	-73.93	-68.33	1.44	10.48	H
	3296	-60.02	-13	-47.02	-74.64	-67.96	1.70	11.79	H
									H
									H
									H
									H
	1648	-62.12	-13	-49.12	-70.55	-67.51	1.23	8.76	V
	2472	-61.24	-13	-48.24	-73.4	-68.13	1.44	10.48	V
	3296	-60.43	-13	-47.43	-74.85	-68.37	1.70	11.79	V
									V
									V
									V
									V
Middle	1664	-64.32	-13	-51.32	-73.64	-69.76	1.23	8.82	H
	2496	-60.49	-13	-47.49	-72.92	-67.40	1.44	10.50	H
	3328	-60.53	-13	-47.53	-75.04	-68.54	1.73	11.88	H
									H
									H
									H
									H
	1664	-65.23	-13	-52.23	-73.72	-70.67	1.23	8.82	V
	2496	-60.94	-13	-47.94	-73.01	-67.85	1.44	10.50	V
	3328	-60.88	-13	-47.88	-75.2	-68.89	1.73	11.88	V
									V
									V
									V
									V



Highest	1680	-62.28	-13	-49.28	-71.53	-67.78	1.24	8.88	H
	2520	-60.34	-13	-47.34	-72.79	-67.27	1.44	10.52	H
	3360	-60.42	-13	-47.42	-74.81	-68.49	1.76	11.98	H
									H
									H
									H
									H
	1680	-60.27	-13	-47.27	-68.83	-65.77	1.24	8.88	V
	2520	-58.41	-13	-45.41	-70.55	-65.34	1.44	10.52	V
	3360	-60.66	-13	-47.66	-74.87	-68.73	1.76	11.98	V
									V
									V
									V
									V

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



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-63.16	-13	-50.16	-72.57	-68.55	1.23	8.76	H
	2472	-61.61	-13	-48.61	-74.1	-68.50	1.44	10.48	H
	3296	-60.40	-13	-47.40	-75.02	-68.34	1.70	11.79	H
									H
									H
									H
									H
	1648	-61.93	-13	-48.93	-70.36	-67.32	1.23	8.76	V
	2472	-59.28	-13	-46.28	-71.44	-66.17	1.44	10.48	V
	3296	-60.57	-13	-47.57	-74.99	-68.51	1.70	11.79	V
									V
									V
									V
									V
Middle	1656	-64.69	-13	-51.69	-74.01	-70.10	1.23	8.79	H
	2488	-59.81	-13	-46.81	-72.23	-66.71	1.44	10.49	H
	3320	-59.91	-13	-46.91	-74.48	-67.90	1.72	11.86	H
									H
									H
									H
									H
	1656	-65.63	-13	-52.63	-74.12	-71.04	1.23	8.79	V
	2488	-60.27	-13	-47.27	-72.33	-67.17	1.44	10.49	V
	3320	-60.47	-13	-47.47	-74.84	-68.46	1.72	11.86	V
									V
									V
									V
									V



Highest	1672	-63.34	-13	-50.34	-72.56	-68.81	1.24	8.85	H
	2504	-58.35	-13	-45.35	-70.78	-65.26	1.44	10.50	H
	3336	-60.49	-13	-47.49	-75.01	-68.51	1.74	11.91	H
									H
									H
									H
									H
	1672	-62.39	-13	-49.39	-70.92	-67.86	1.24	8.85	V
	2504	-59.26	-13	-46.26	-71.33	-66.17	1.44	10.50	V
	3336	-60.44	-13	-47.44	-74.77	-68.46	1.74	11.91	V
									V
									V
									V
									V

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



<EUT with battery backpack>

LTE Band 41

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-56.39	-25	-31.39	-74.37	-66.14	2.35	12.10	H
	7494	-53.43	-25	-28.43	-73.74	-61.32	2.12	10.01	H
	9990	-48.76	-25	-23.76	-74.96	-58.75	1.81	11.80	H
									H
									H
									H
									H
	4992	-56.34	-25	-31.34	-74.49	-66.09	2.35	12.10	V
	7494	-50.34	-25	-25.34	-71.01	-58.23	2.12	10.01	V
	9990	-49.16	-25	-24.16	-74.6	-59.15	1.81	11.80	V
									V
									V
									V
									V



Middle	5166	-54.32	-25	-29.32	-71.75	-64.16	2.29	12.13	H
	7752	-53.56	-25	-28.56	-74.52	-62.35	2.11	10.91	H
	10332	-48.64	-25	-23.64	-74.74	-58.25	2.32	11.93	H
									H
									H
									H
									H
	5166	-51.93	-25	-26.93	-69.59	-61.77	2.29	12.13	V
	7752	-53.74	-25	-28.74	-74.85	-62.53	2.11	10.91	V
	10332	-48.93	-25	-23.93	-75.03	-58.54	2.32	11.93	V
									V
									V
									V
									V
									V
									V
Highest	5340	-58.61	-25	-33.61	-76.27	-68.56	2.22	12.17	H
	8016	-50.46	-25	-25.46	-73.47	-60.17	2.11	11.83	H
	10683	-48.94	-25	-23.94	-74.67	-58.07	2.62	11.74	H
									H
									H
									H
									H
	5340	-58.63	-25	-33.63	-76.37	-68.58	2.22	12.17	V
	8013	-51.19	-25	-26.19	-74.32	-60.90	2.11	11.82	V
	10683	-48.07	-25	-23.07	-74.31	-57.20	2.62	11.74	V
									V
									V
									V
									V
									V

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