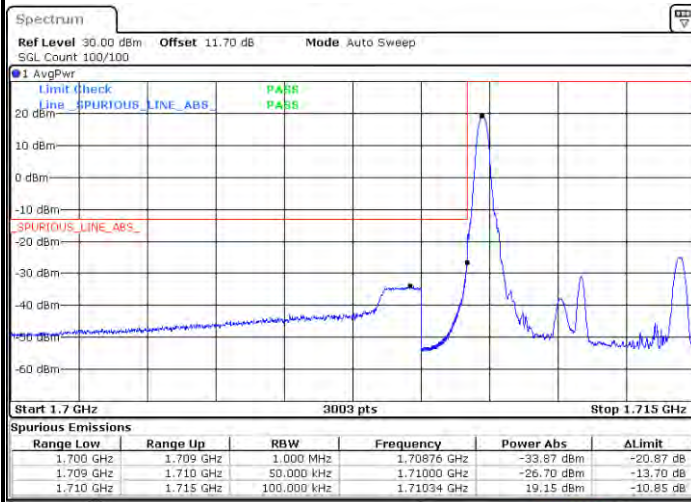


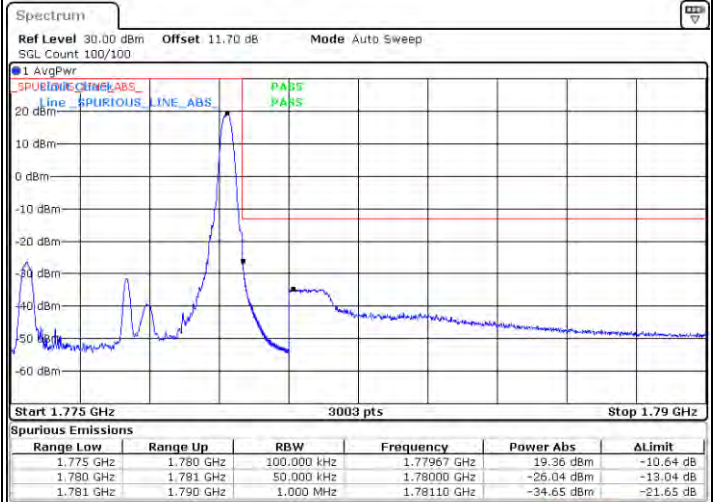


LTE Band 66 / 5MHz / 64QAM

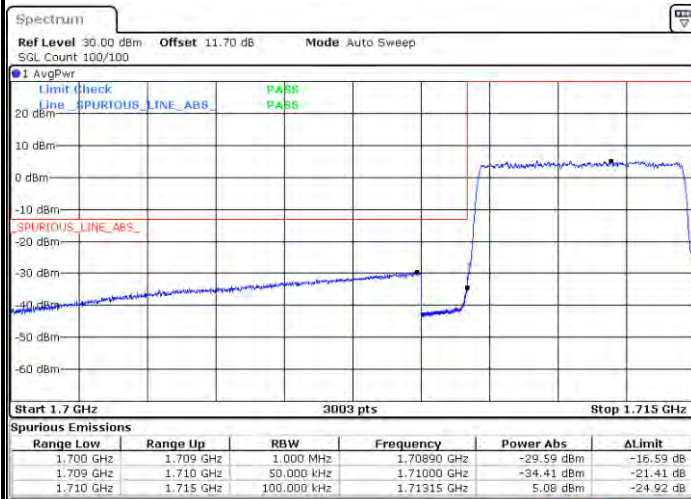
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



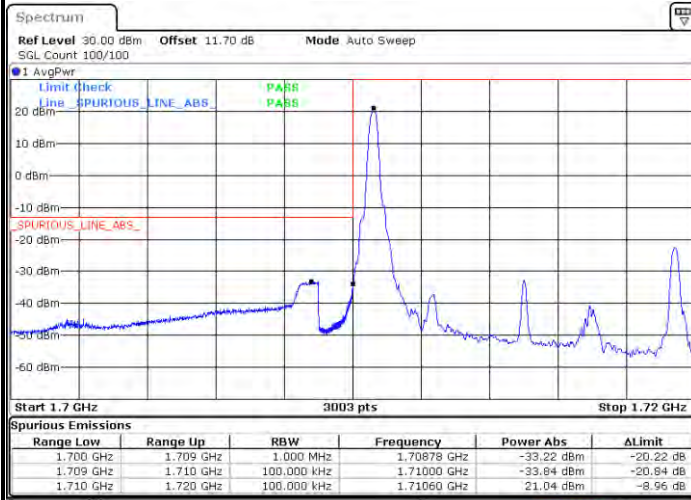
Highest Band Edge / Full RB



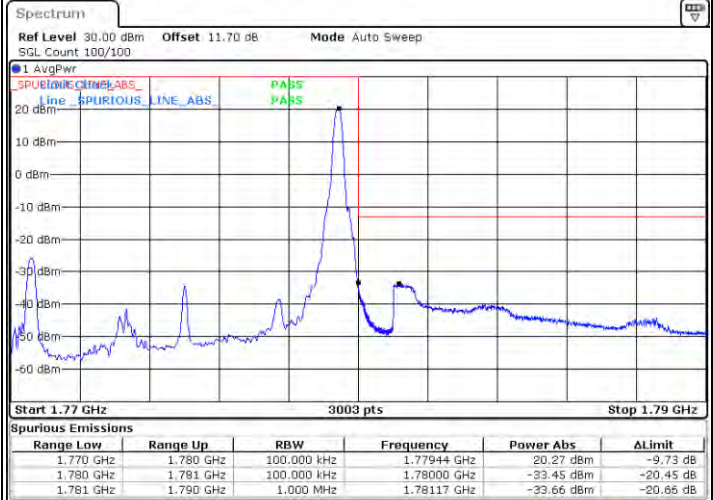


LTE Band 66 / 10MHz / QPSK

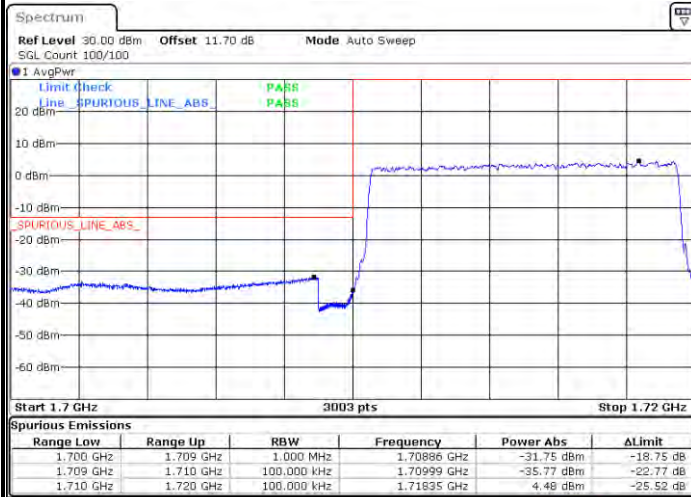
Lowest Band Edge / 1 RB



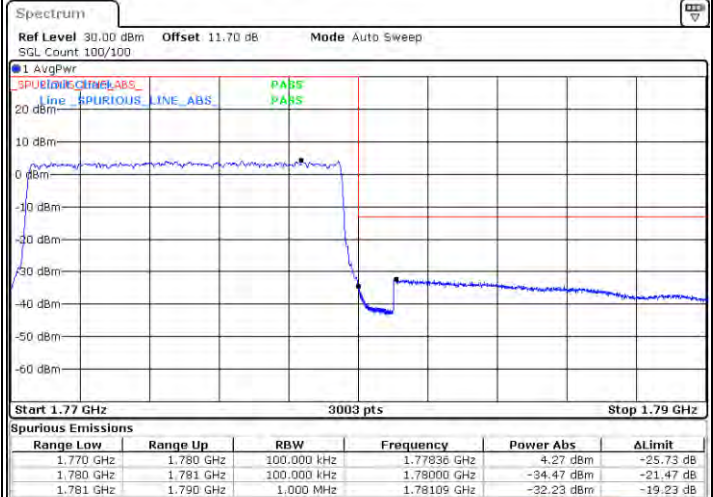
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



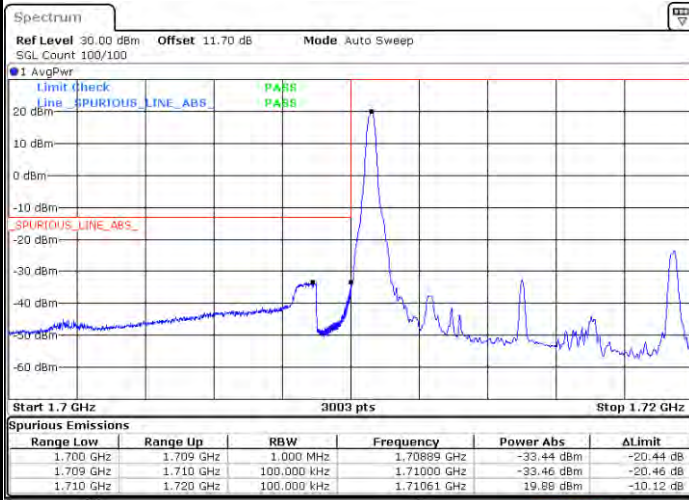
Highest Band Edge / Full RB



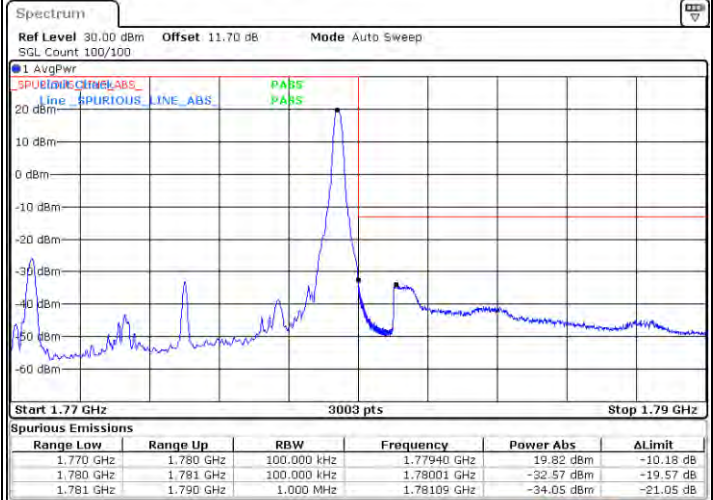


LTE Band 66 / 10MHz / 16QAM

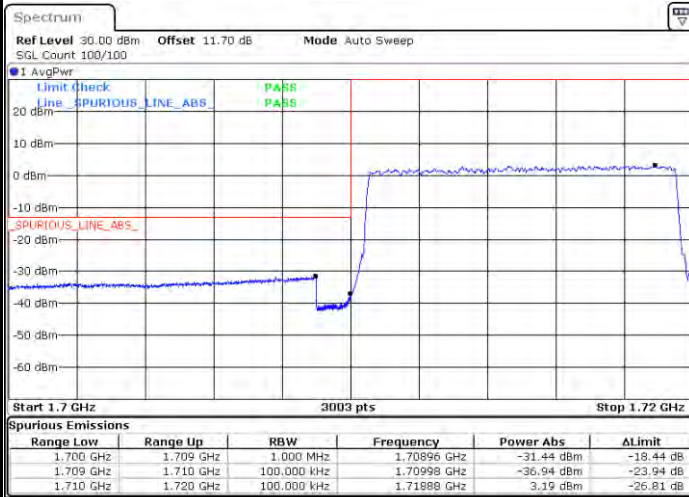
Lowest Band Edge / 1 RB



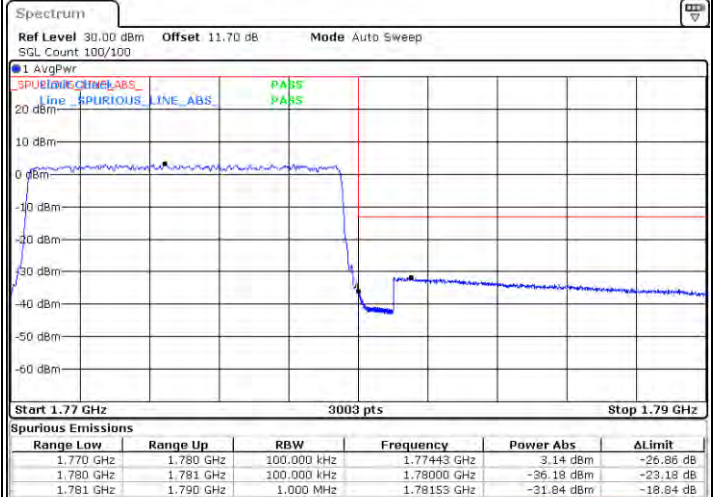
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



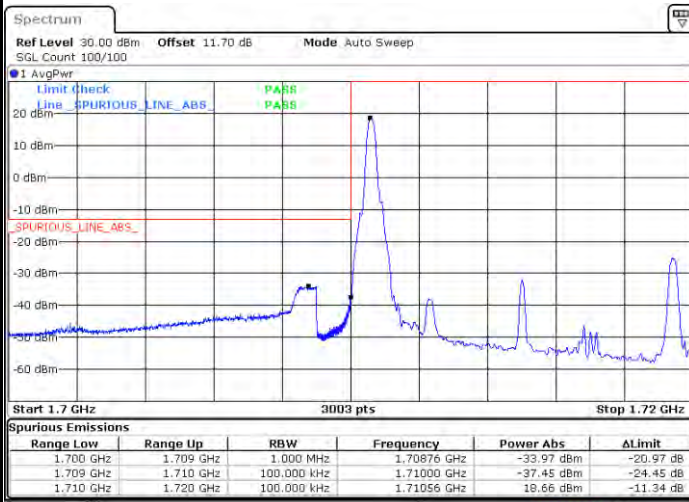
Highest Band Edge / Full RB



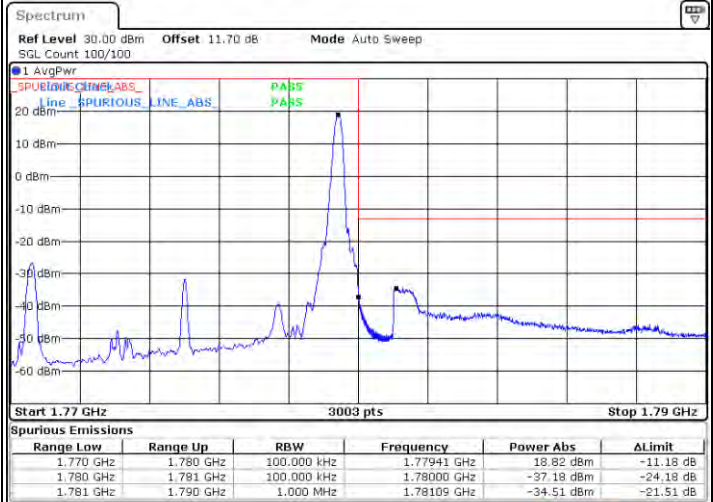


LTE Band 66 / 10MHz / 64QAM

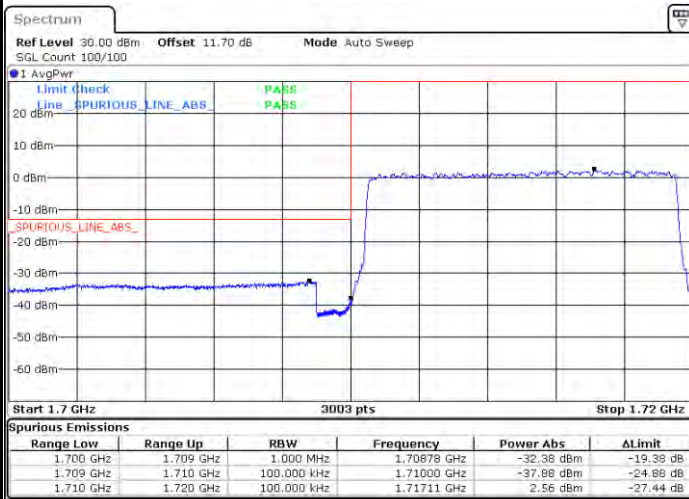
Lowest Band Edge / 1 RB



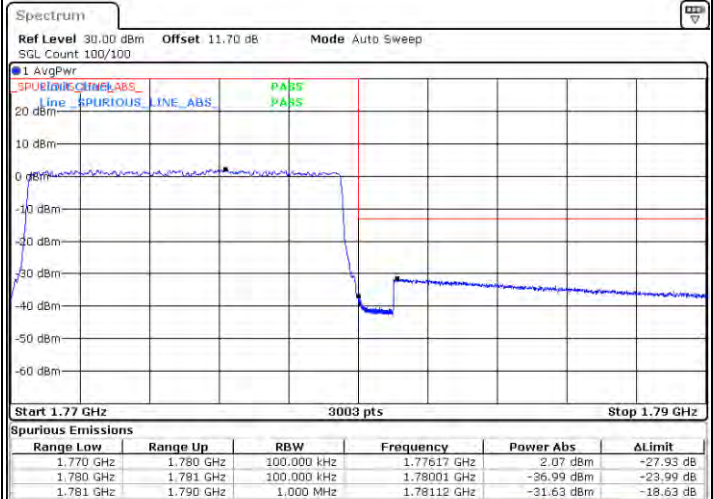
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



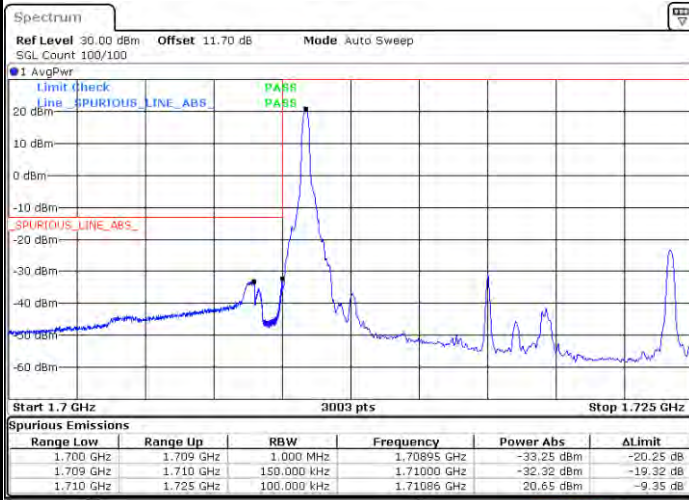
Highest Band Edge / Full RB



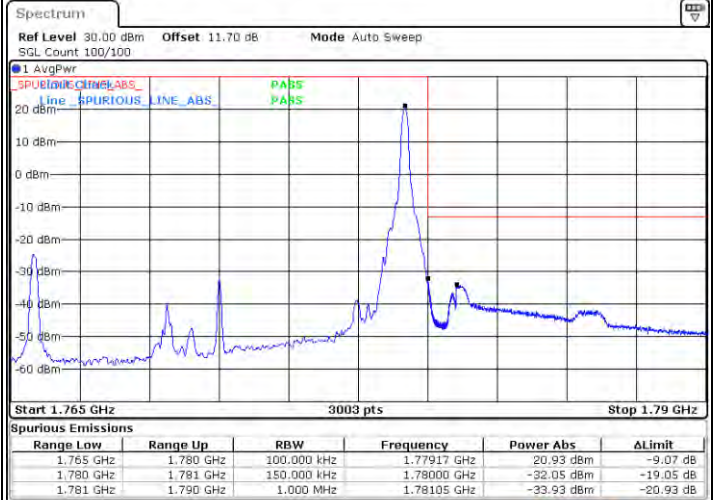


LTE Band 66 / 15MHz / QPSK

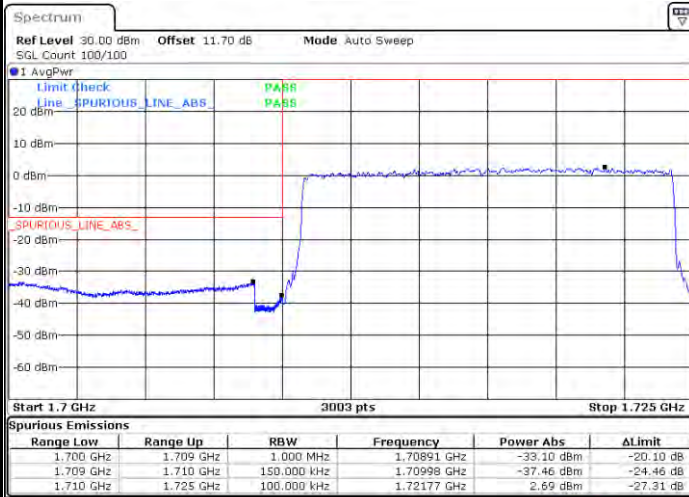
Lowest Band Edge / 1 RB



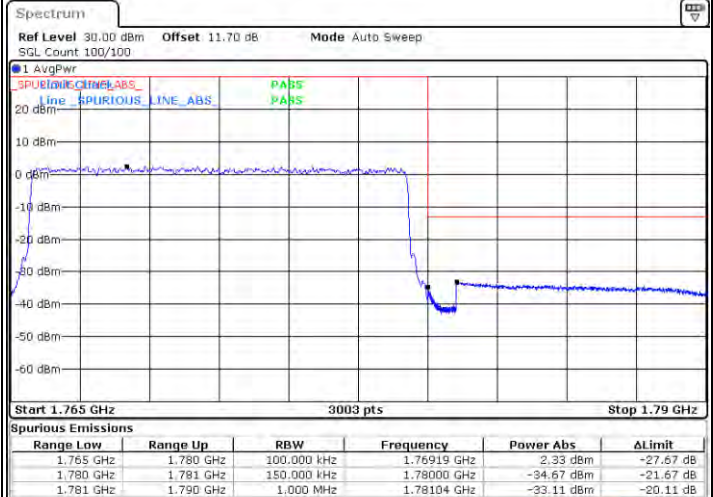
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



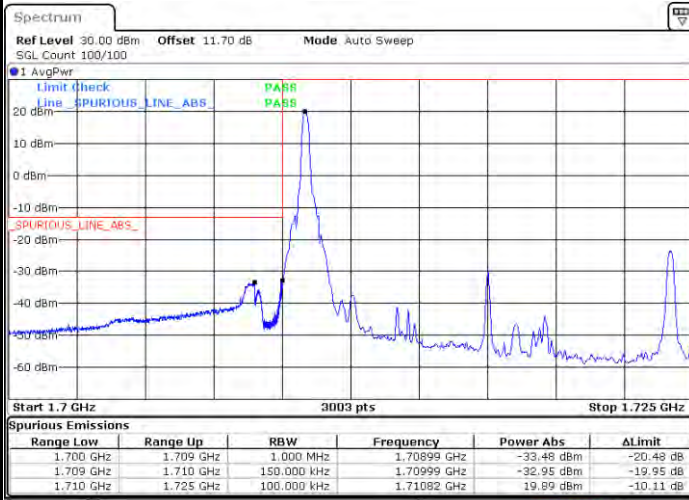
Highest Band Edge / Full RB





LTE Band 66 / 15MHz / 16QAM

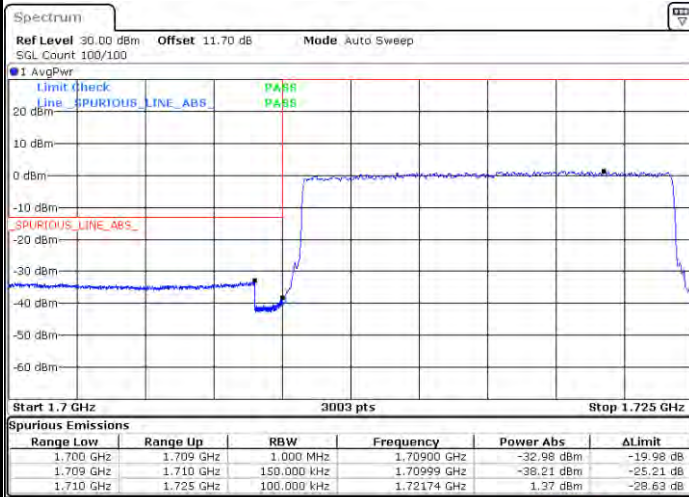
Lowest Band Edge / 1 RB



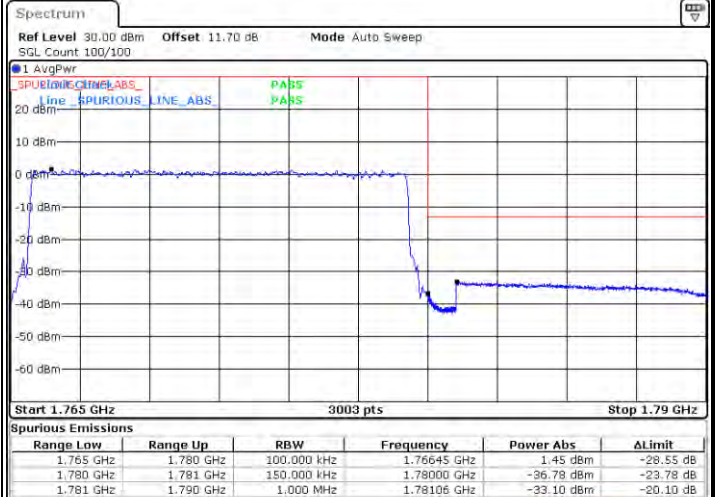
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



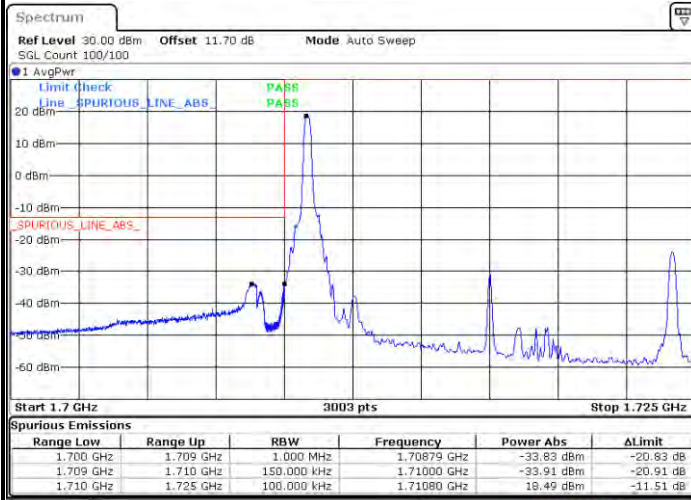
Highest Band Edge / Full RB





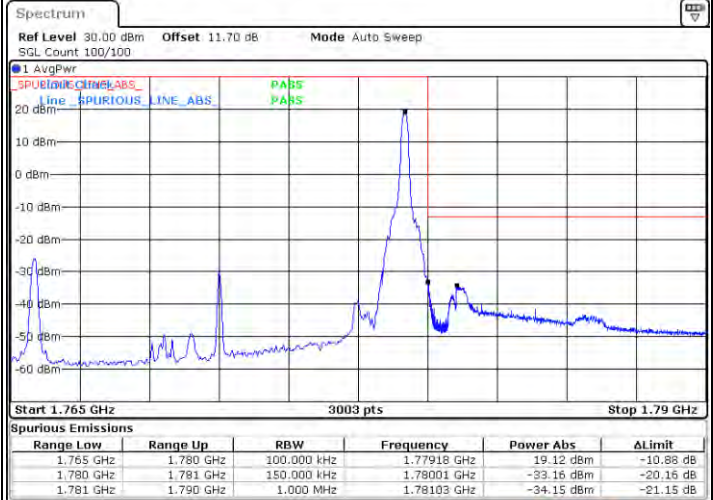
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



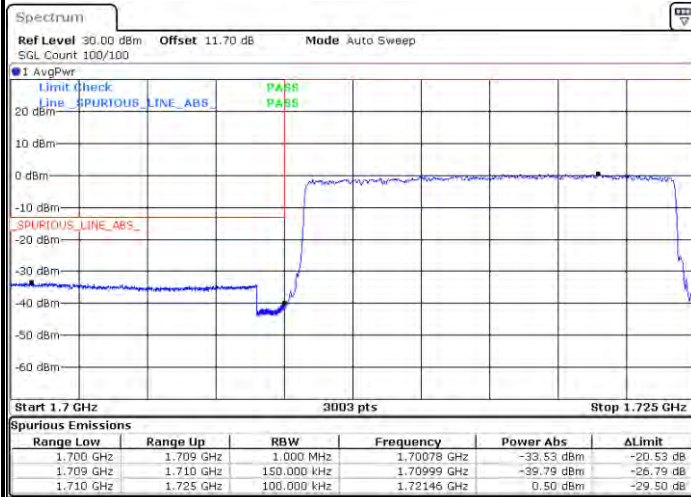
Date: 11 DEC 2019 00:20:40

Highest Band Edge / 1 RB



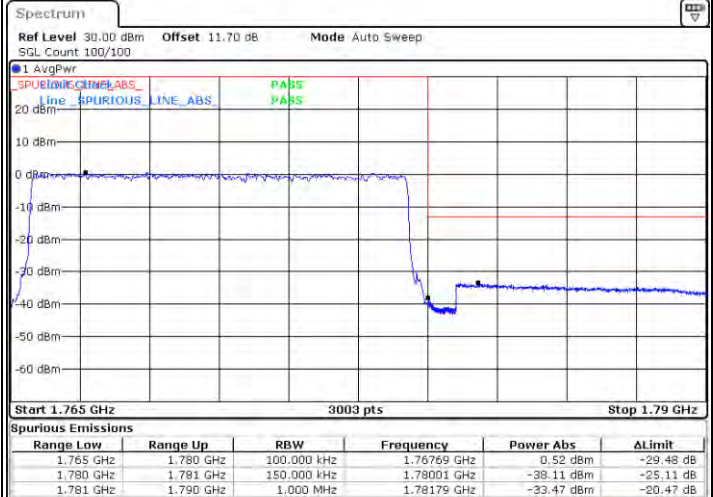
Date: 11 DEC 2019 00:32:42

Lowest Band Edge / Full RB



Date: 11 DEC 2019 00:21:41

Highest Band Edge / Full RB

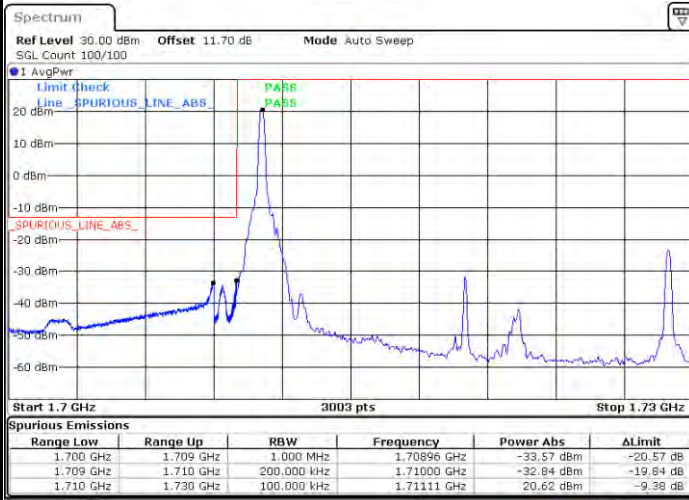


Date: 11 DEC 2019 00:33:43

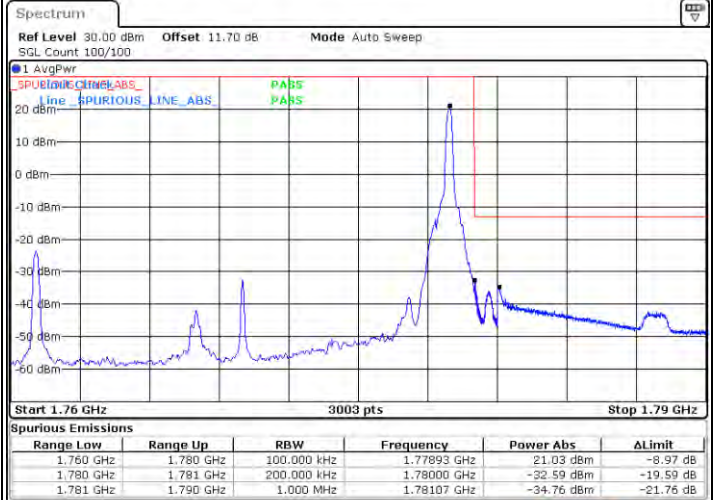


LTE Band 66 / 20MHz / QPSK

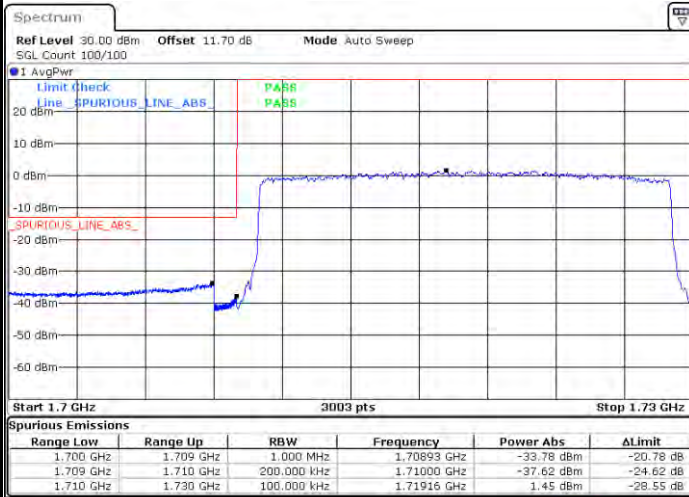
Lowest Band Edge / 1 RB



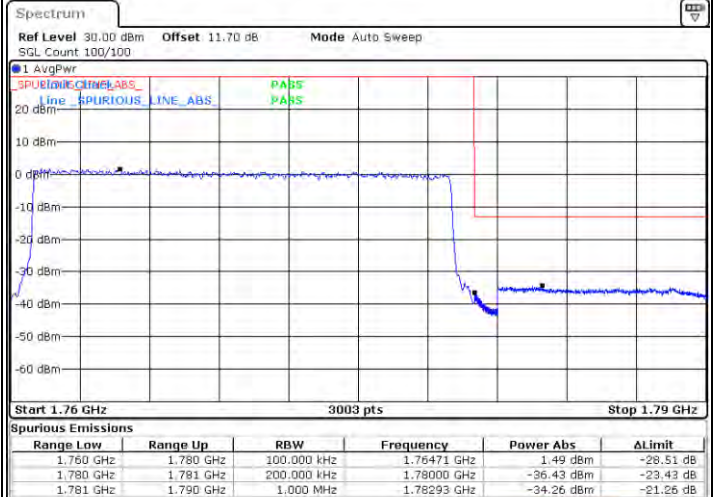
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



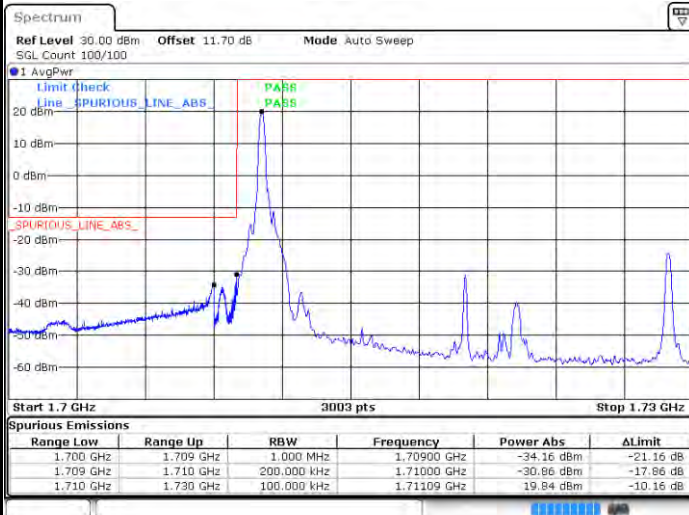
Highest Band Edge / Full RB



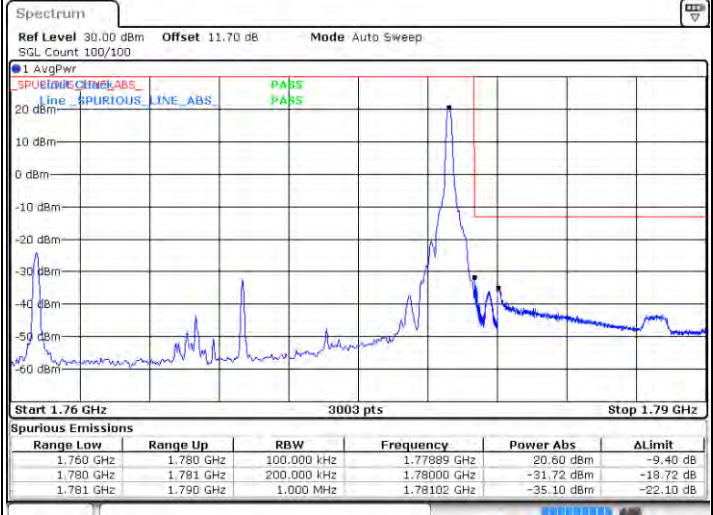


LTE Band 66 / 20MHz / 16QAM

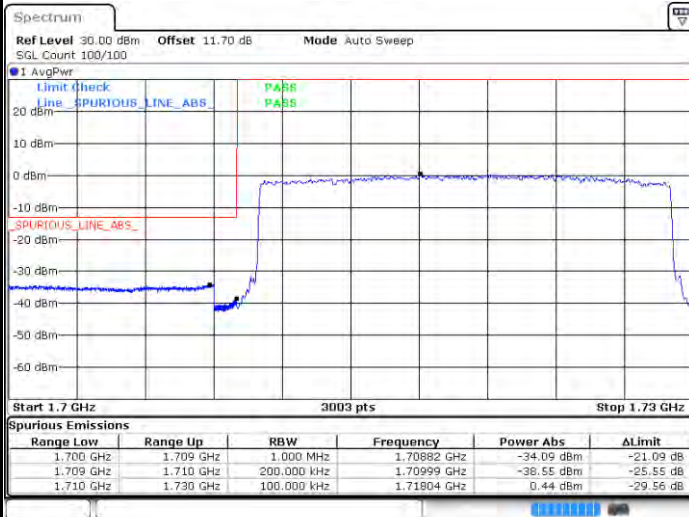
Lowest Band Edge / 1 RB



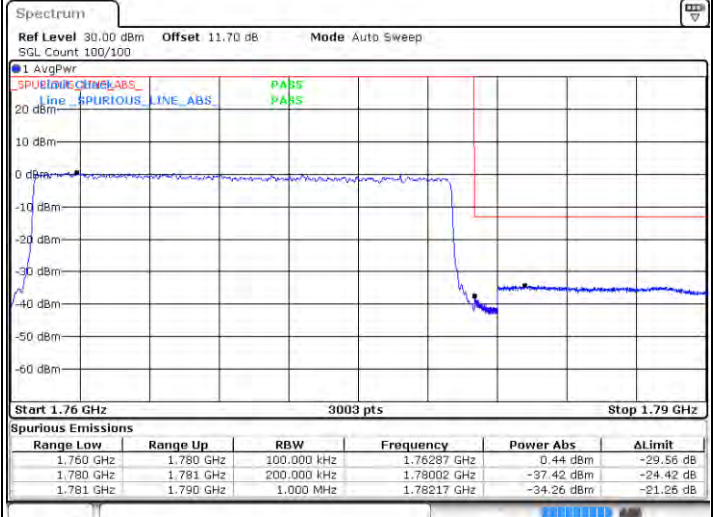
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



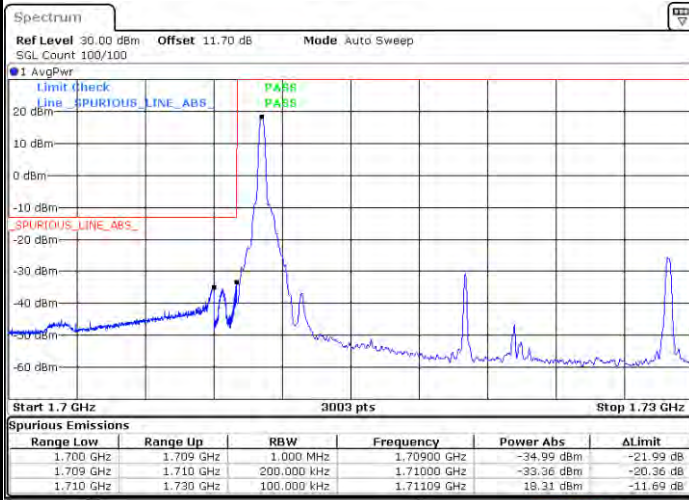
Highest Band Edge / Full RB



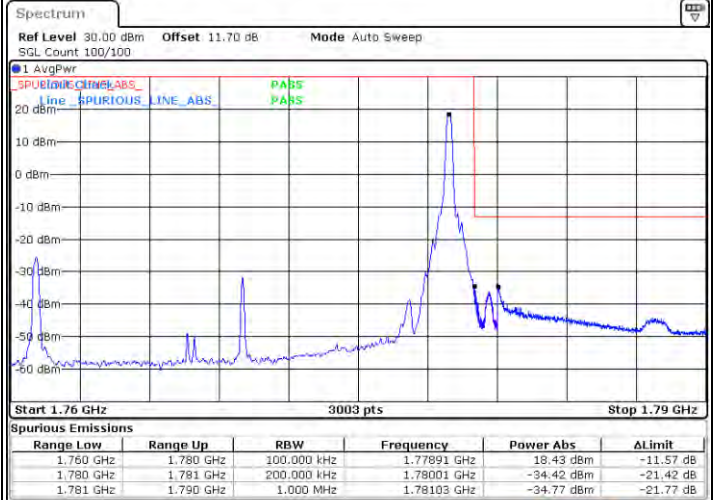


LTE Band 66 / 20MHz / 64QAM

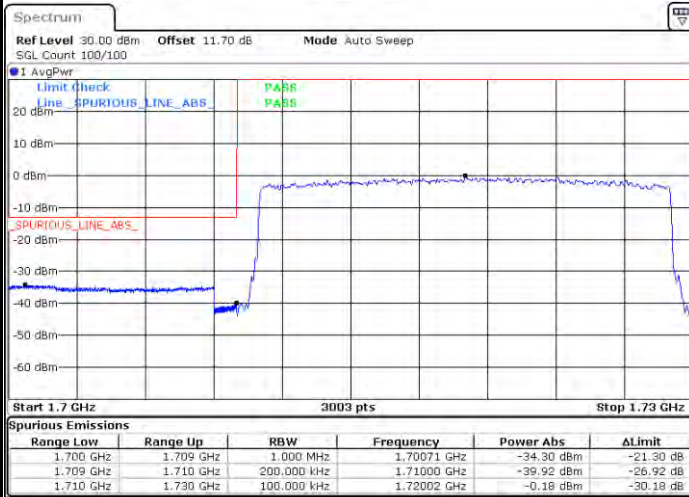
Lowest Band Edge / 1 RB



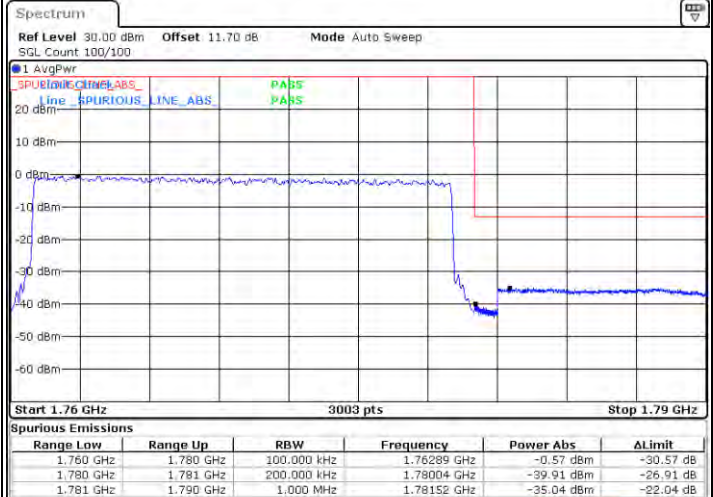
Highest Band Edge / 1 RB

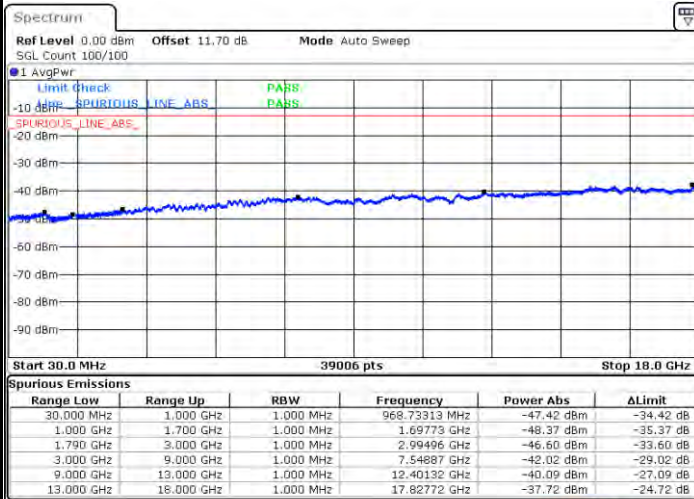


Lowest Band Edge / Full RB

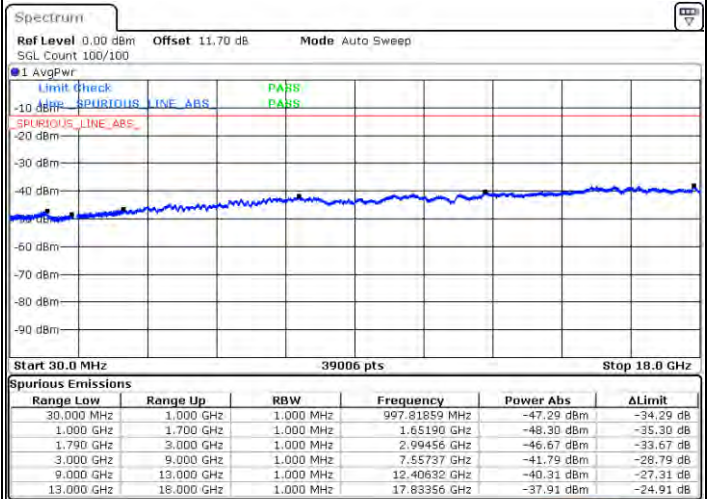


Highest Band Edge / Full RB

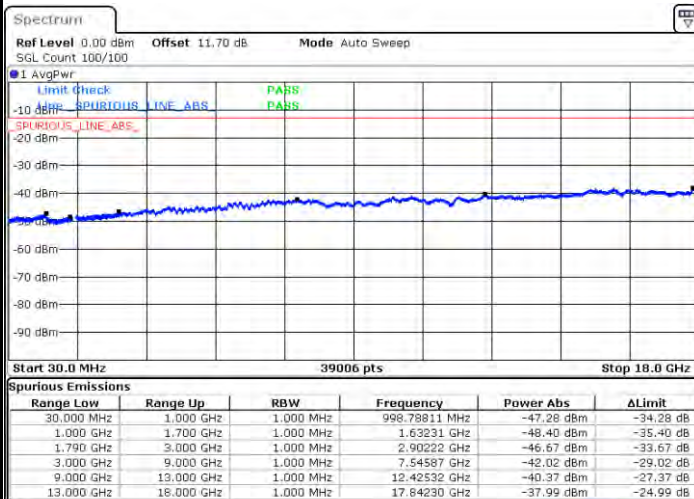


**Conducted Spurious Emission****LTE Band 66 / 1.4MHz****Lowest Channel / QPSK**

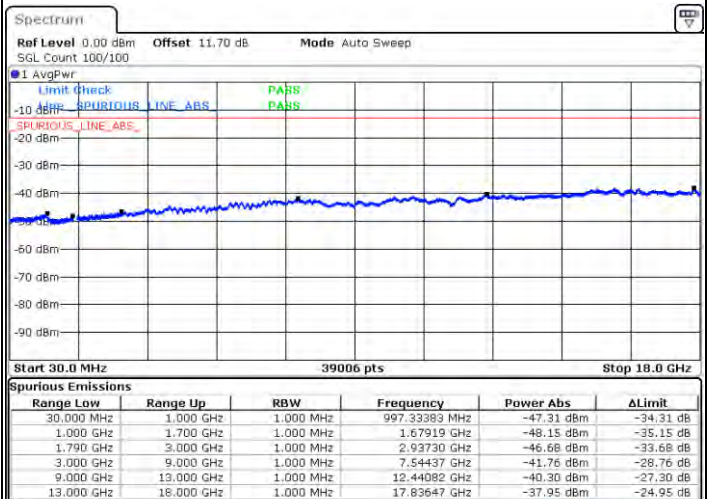
Date: 10 DEC.2019 21:40:10

Lowest Channel / 16QAM

Date: 10 DEC.2019 21:40:56

Middle Channel / QPSK

Date: 10 DEC.2019 21:42:31

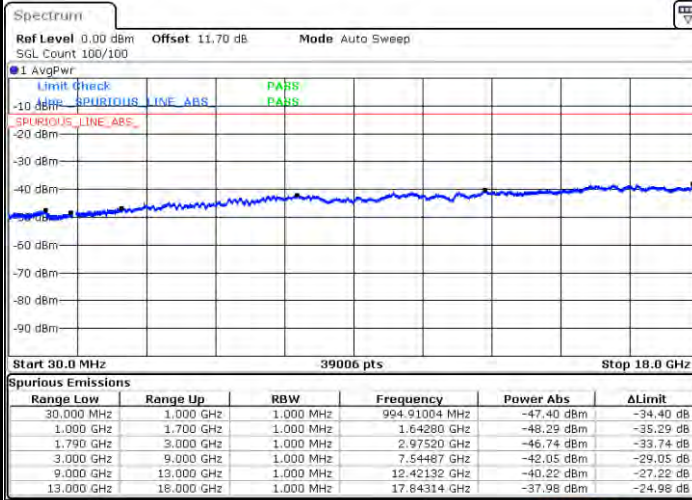
Middle Channel / 16QAM

Date: 10 DEC.2019 21:43:18



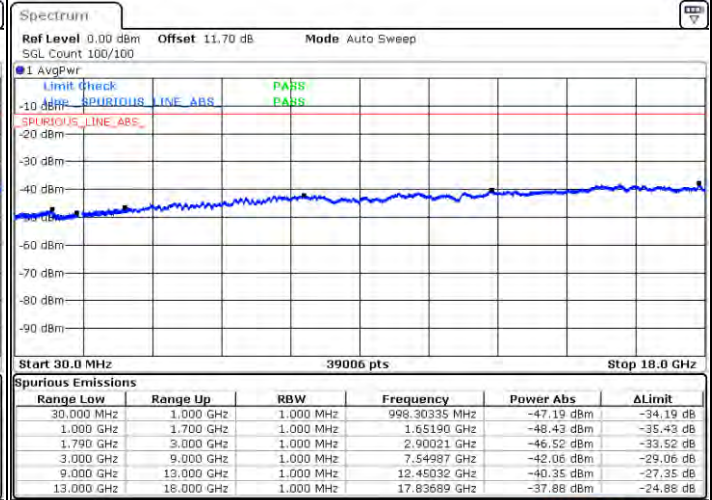
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 10 DEC 2019 21:49:06

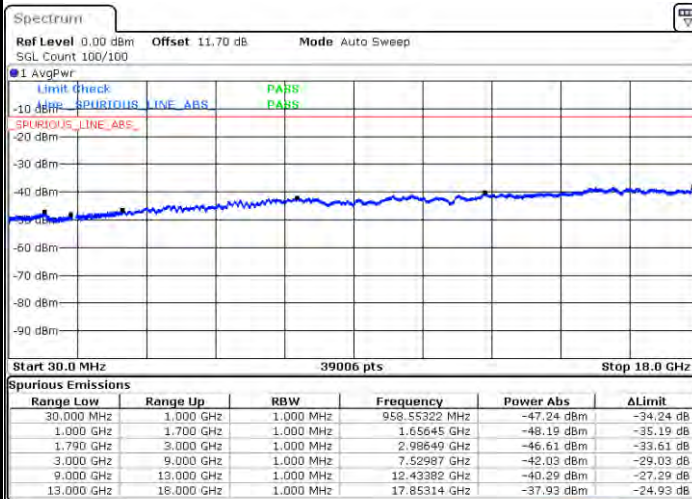
Highest Channel / 16QAM



Date: 10 DEC 2019 21:49:55

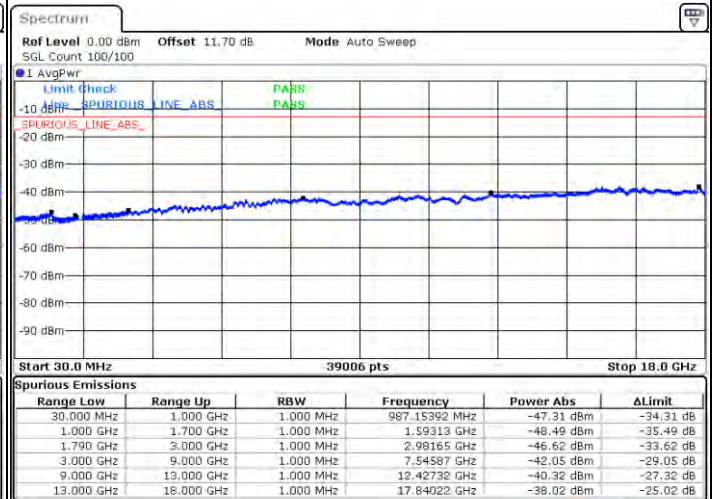
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 10 DEC 2019 22:03:21

Lowest Channel / 16QAM

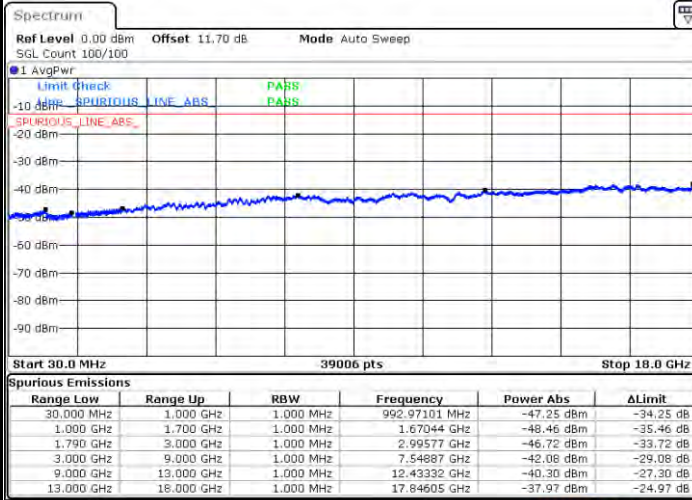


Date: 10 DEC 2019 22:04:08



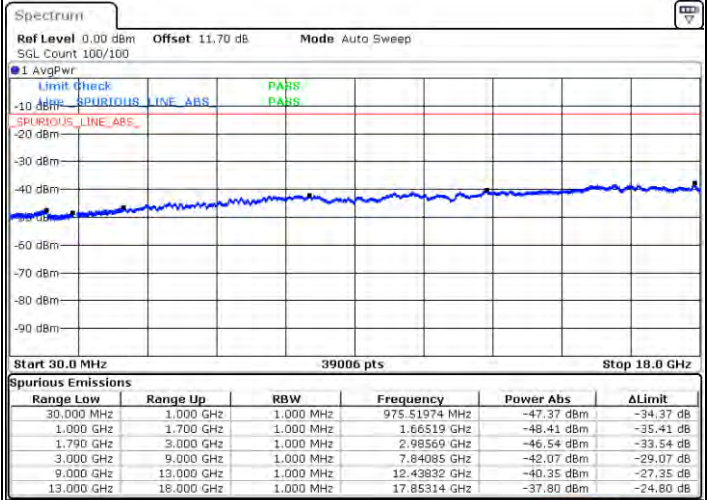
LTE Band 66 / 3MHz

Middle Channel / QPSK



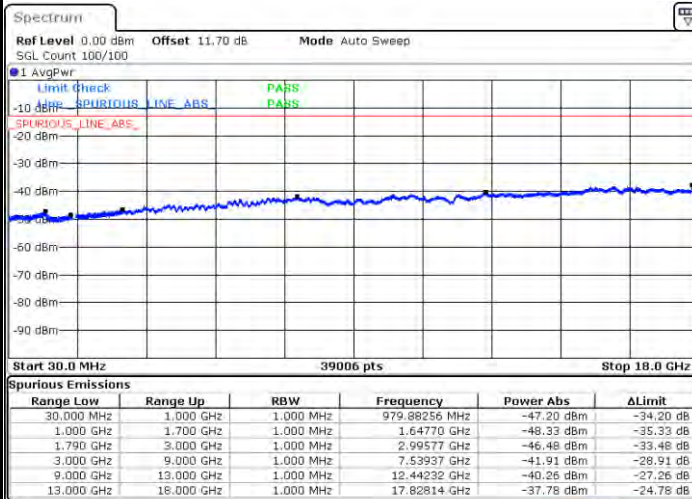
Date: 10 DEC 2019 22:05:43

Middle Channel / 16QAM



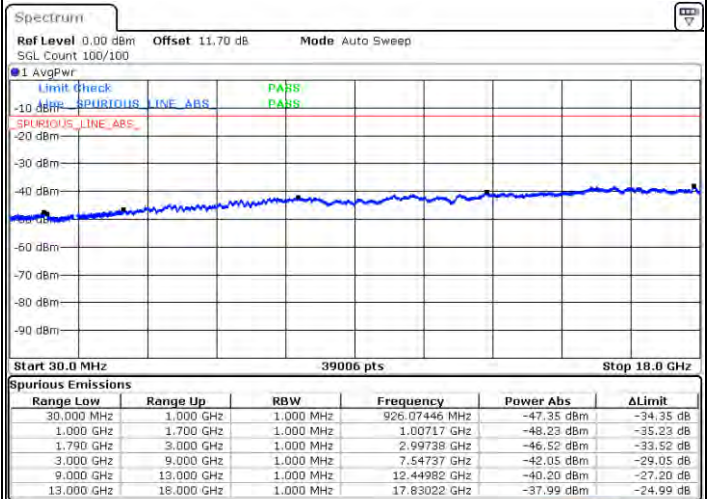
Date: 10 DEC 2019 22:06:30

Highest Channel / QPSK



Date: 10 DEC 2019 22:12:08

Highest Channel / 16QAM

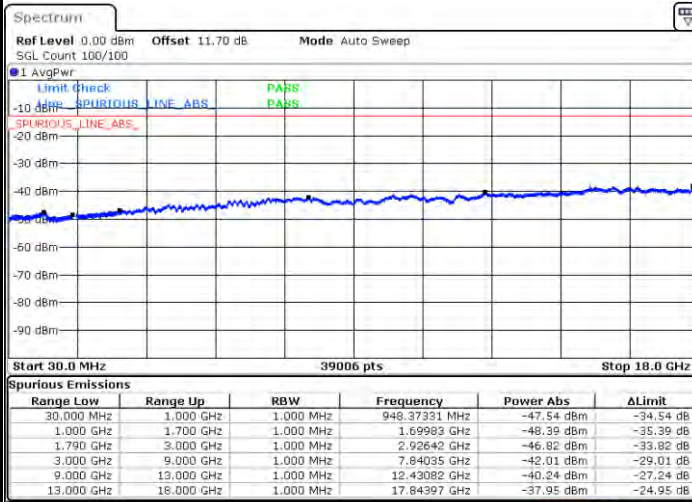


Date: 10 DEC 2019 22:12:54



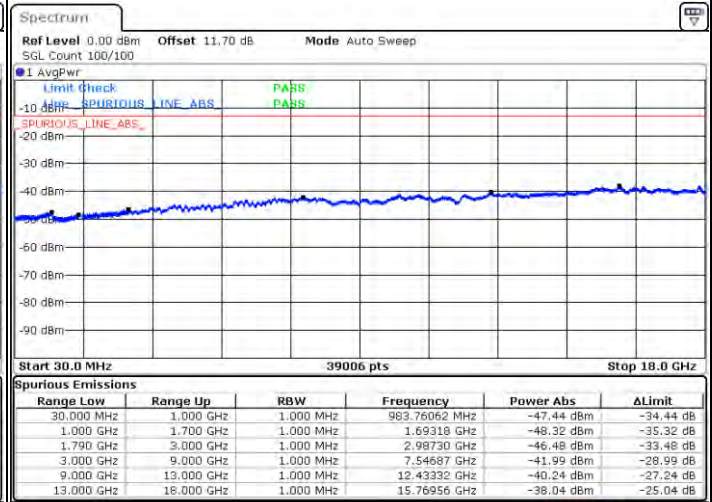
LTE Band 66 / 5MHz

Lowest Channel / QPSK



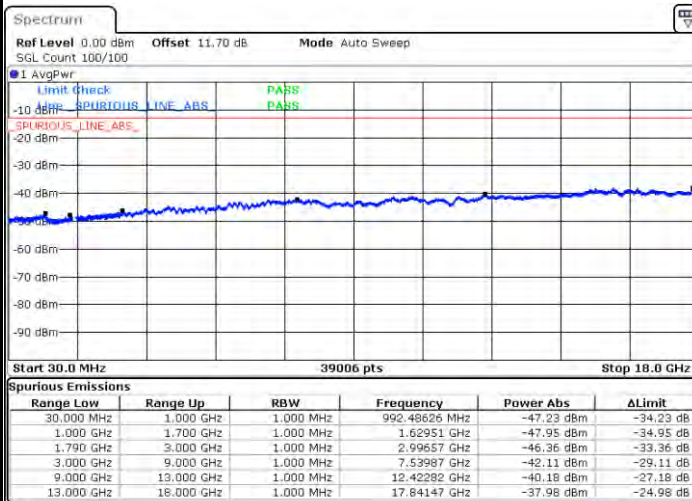
Date: 10 DEC 2019 22:33:43

Lowest Channel / 16QAM



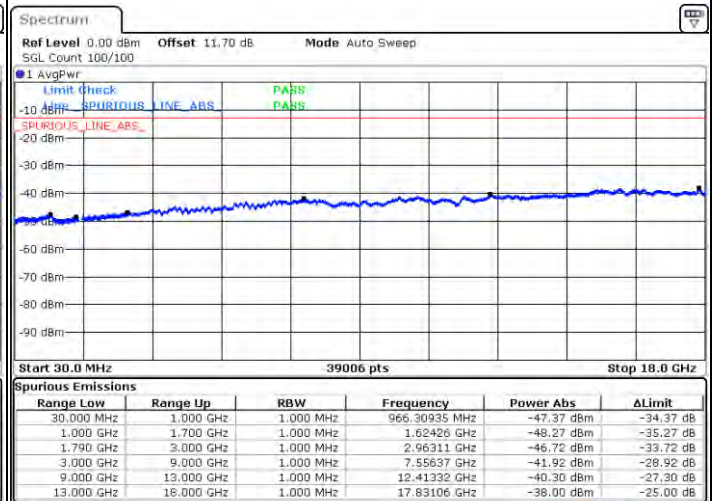
Date: 10 DEC 2019 22:34:30

Middle Channel / QPSK



Date: 10 DEC 2019 22:36:04

Middle Channel / 16QAM

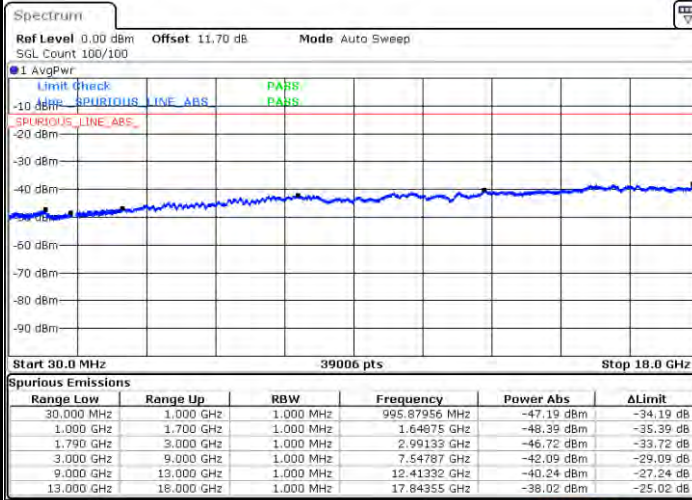


Date: 10 DEC 2019 22:36:51



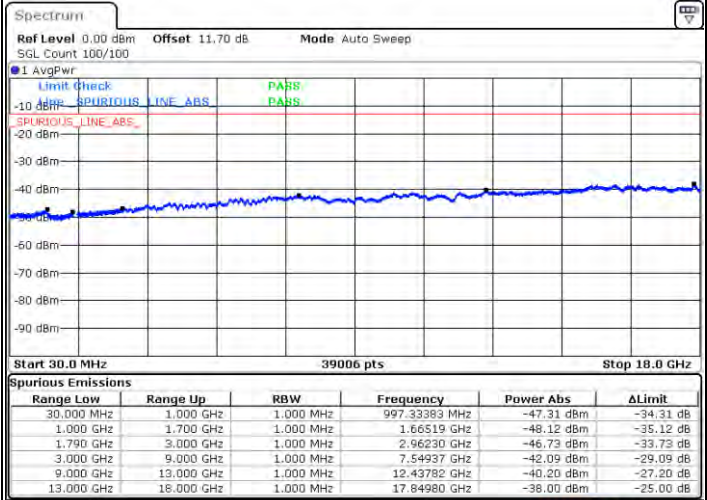
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 10 DEC 2019 22:42:29

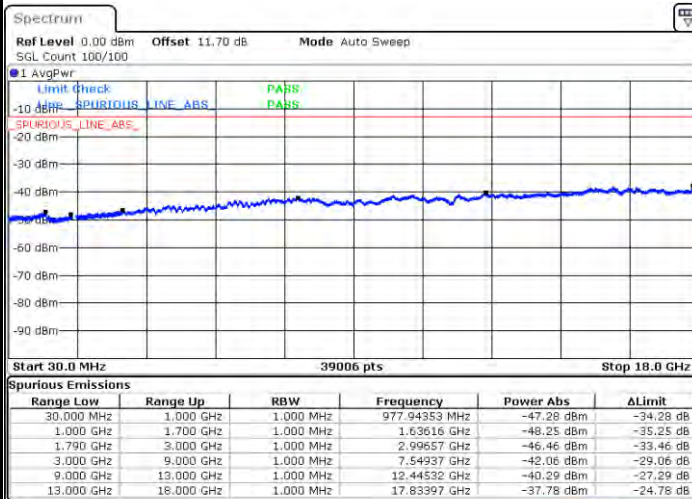
Highest Channel / 16QAM



Date: 10 DEC 2019 22:43:16

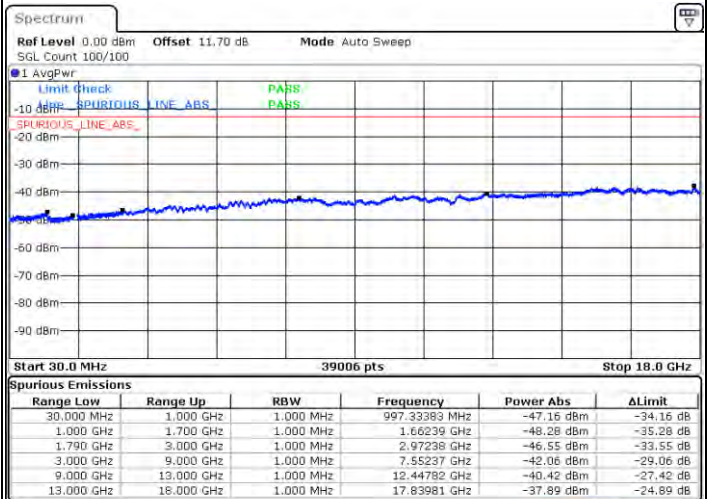
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 10 DEC 2019 22:48:54

Lowest Channel / 16QAM

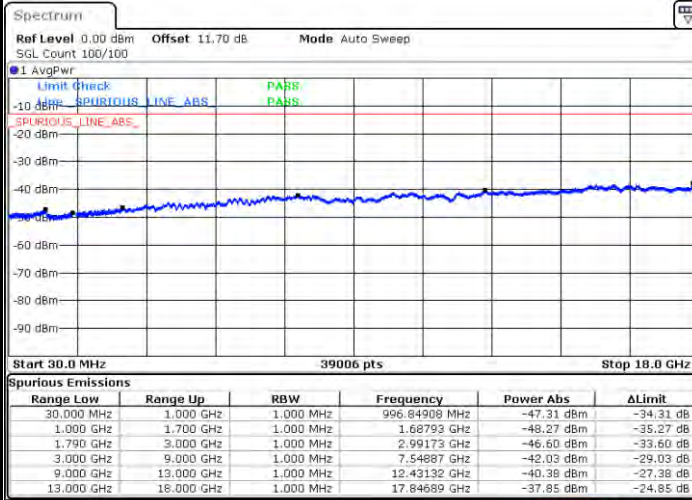


Date: 10 DEC 2019 22:49:41



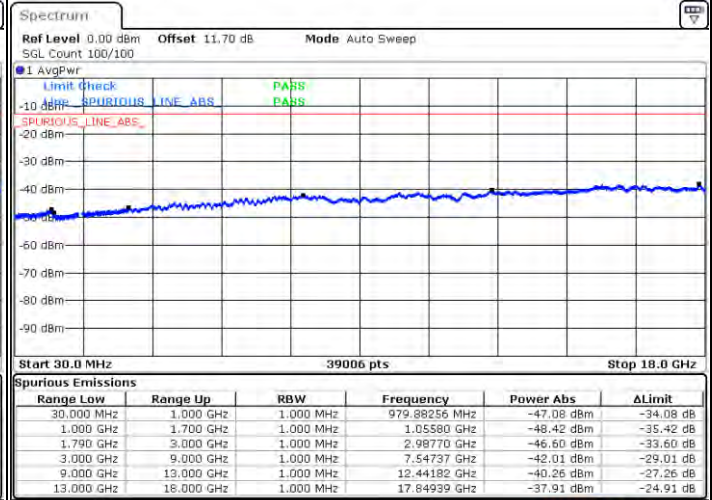
LTE Band 66 / 10MHz

Middle Channel / QPSK



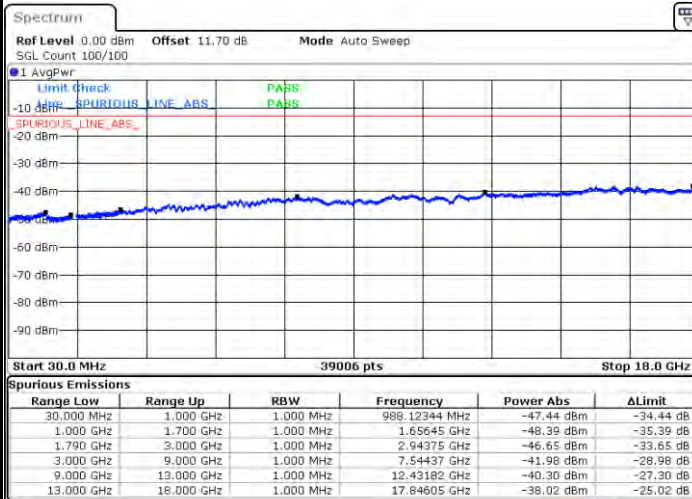
Date: 10 DEC 2019 22:51:16

Middle Channel / 16QAM



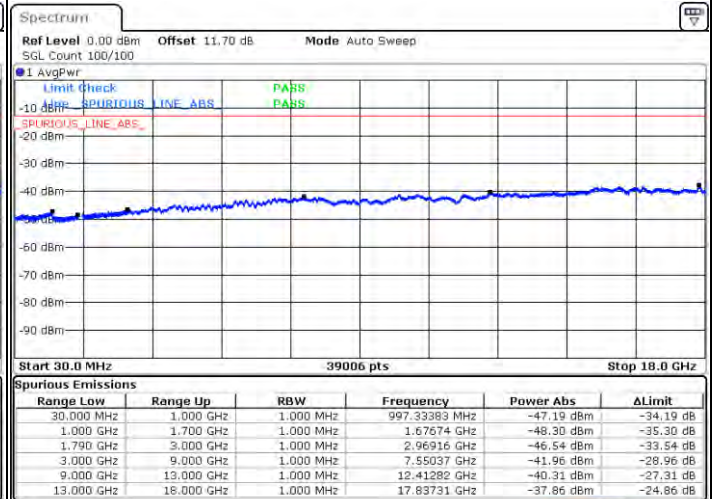
Date: 10 DEC 2019 22:52:02

Highest Channel / QPSK



Date: 10 DEC 2019 22:57:40

Highest Channel / 16QAM

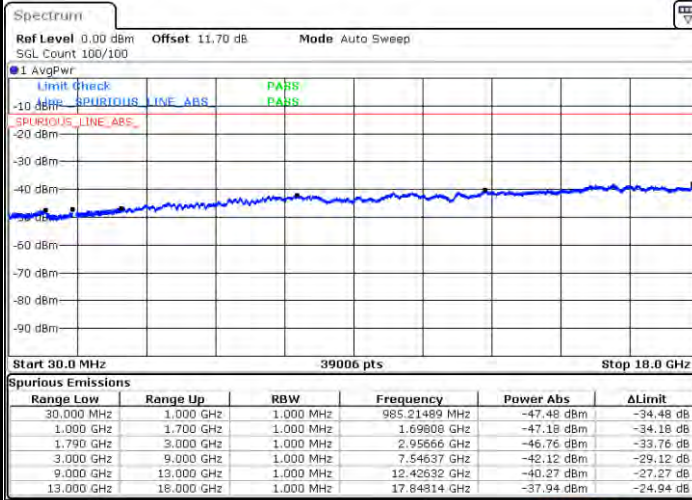


Date: 10 DEC 2019 22:58:28



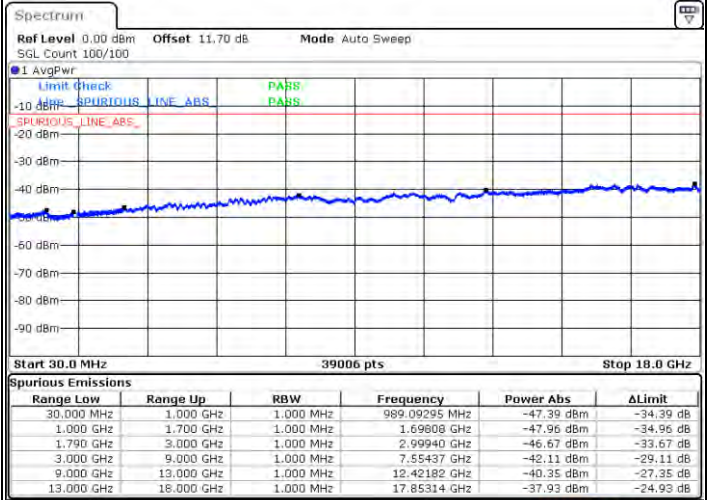
LTE Band 66 / 15MHz

Lowest Channel / QPSK



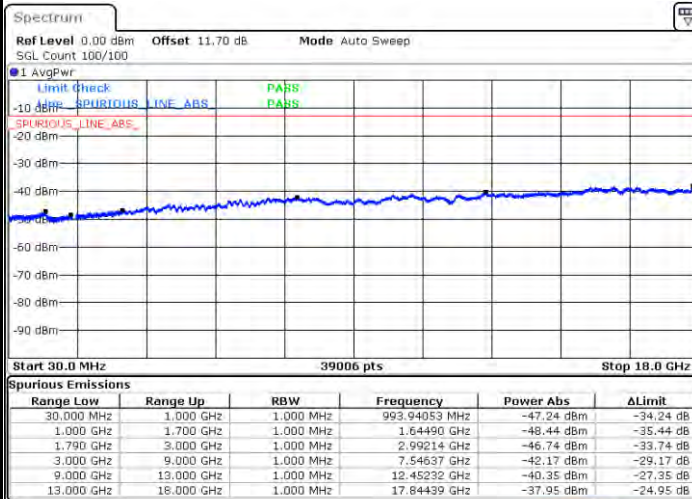
Date: 11 DEC 2019 00:40:07

Lowest Channel / 16QAM



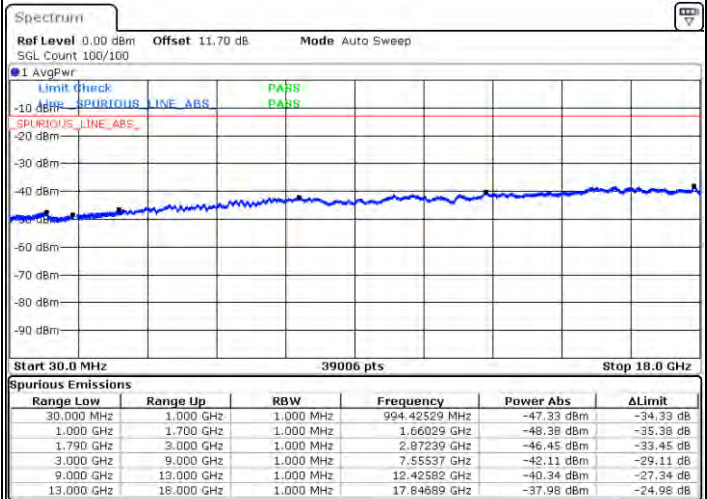
Date: 11 DEC 2019 00:40:53

Middle Channel / QPSK



Date: 11 DEC 2019 00:42:29

Middle Channel / 16QAM

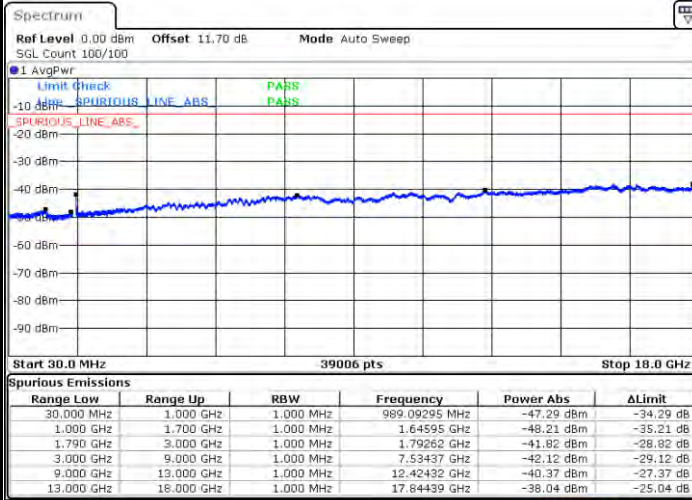


Date: 11 DEC 2019 00:43:15



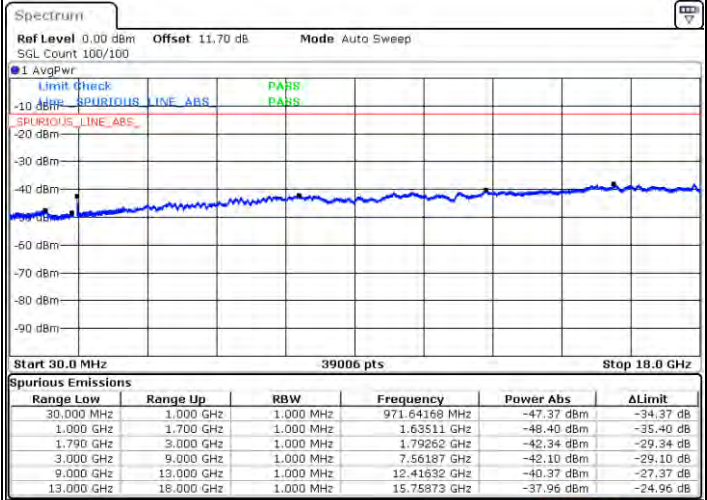
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 11 DEC.2019 00:48:53

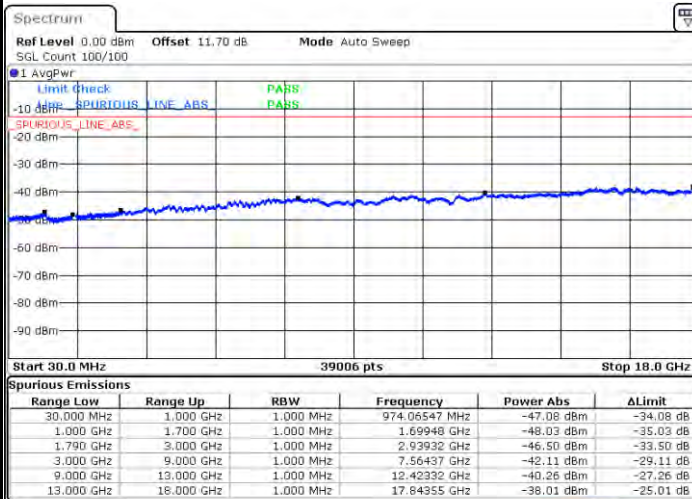
Highest Channel / 16QAM



Date: 11 DEC.2019 00:49:40

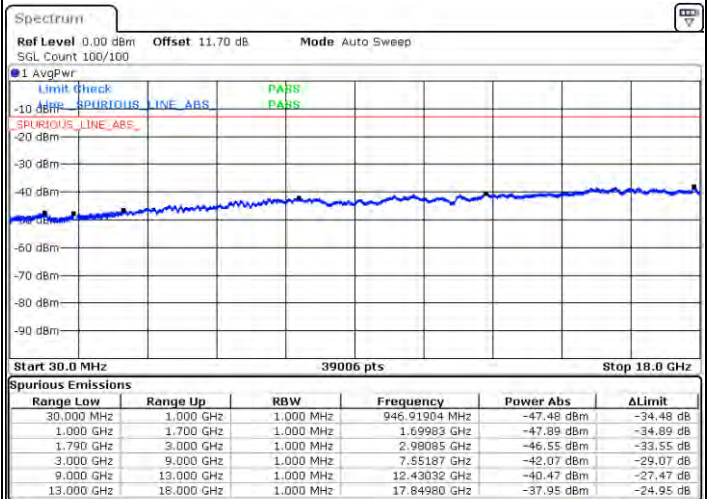
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 11 DEC.2019 00:55:18

Lowest Channel / 16QAM

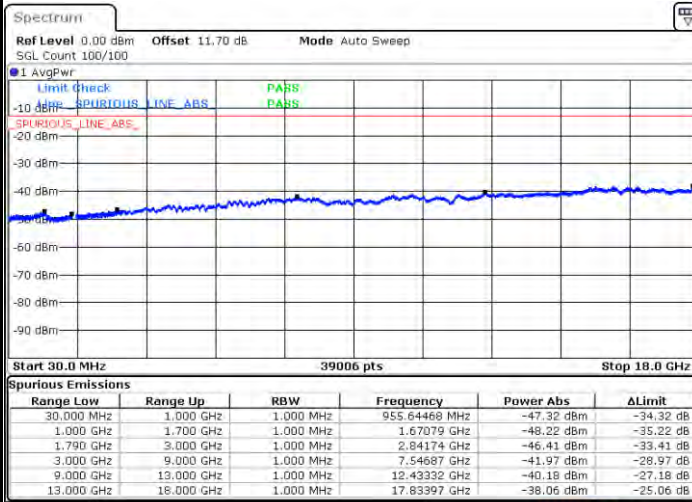


Date: 11 DEC.2019 00:56:05



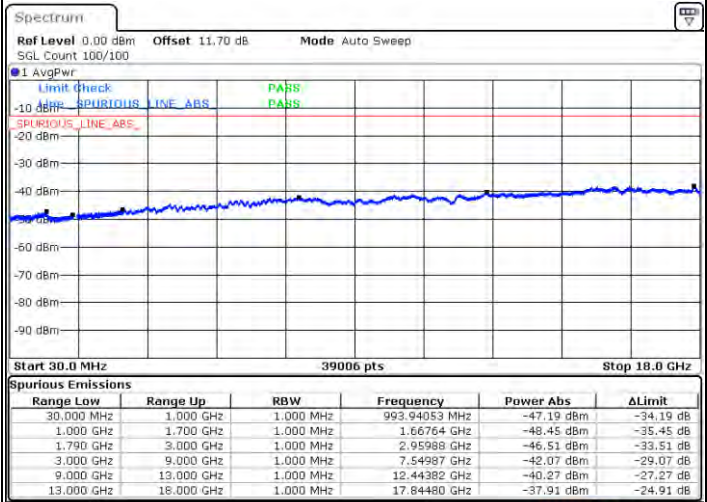
LTE Band 66 / 20MHz

Middle Channel / QPSK



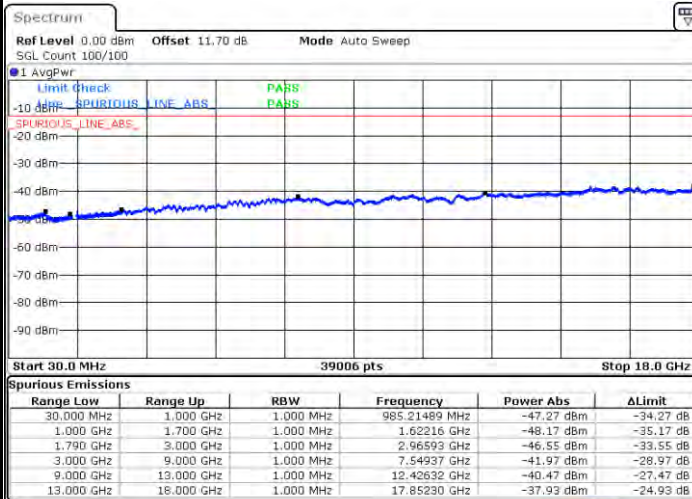
Date: 11 DEC 2019 00:57:40

Middle Channel / 16QAM



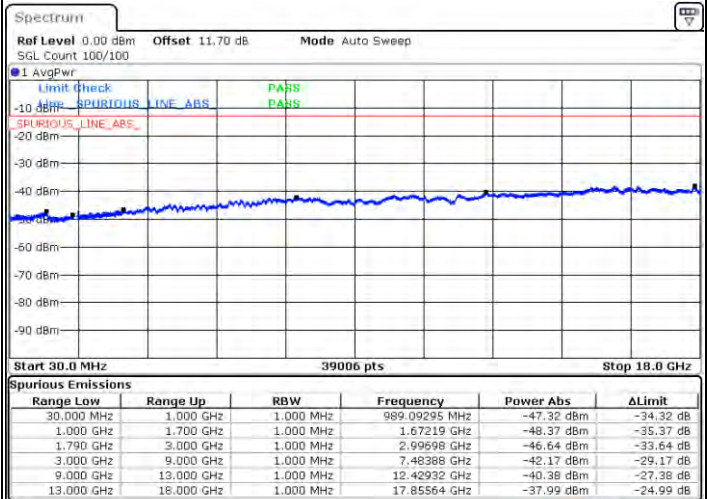
Date: 11 DEC 2019 00:58:27

Highest Channel / QPSK



Date: 11 DEC 2019 01:04:04

Highest Channel / 16QAM

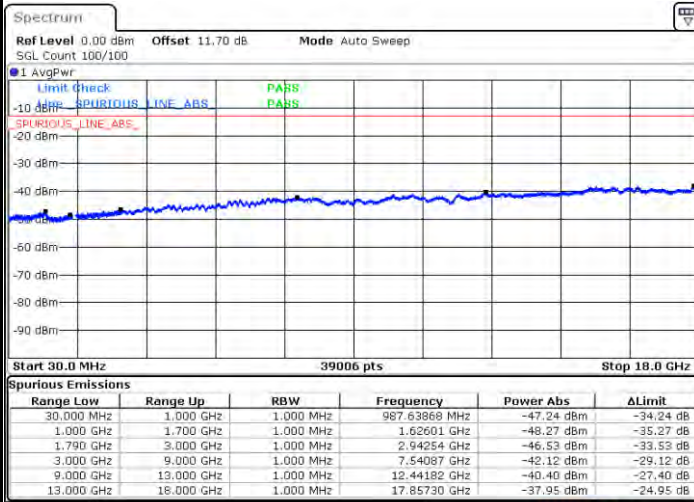


Date: 11 DEC 2019 01:04:51



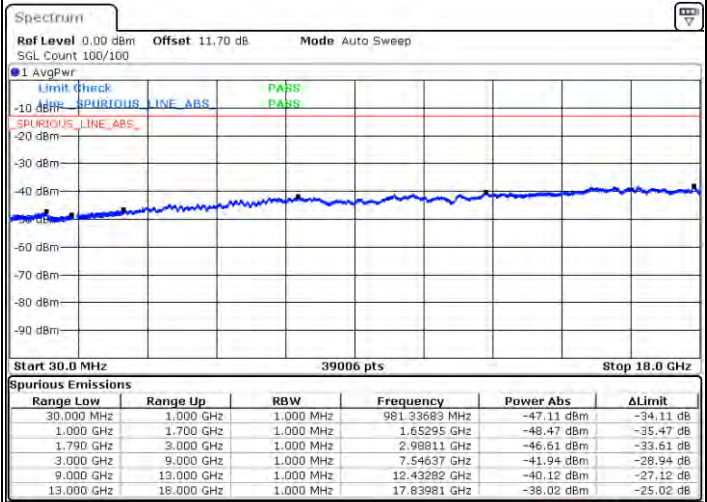
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



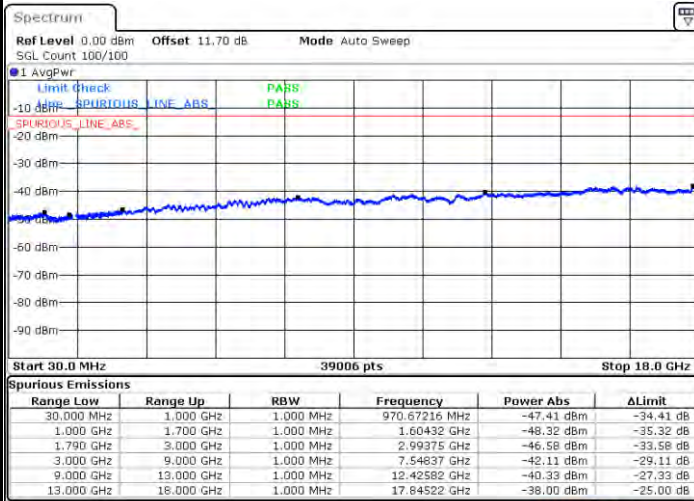
Date: 10 DEC.2019 21:53:13

Middle Channel / 64QAM



Date: 10 DEC.2019 21:54:24

Highest Channel / 64QAM

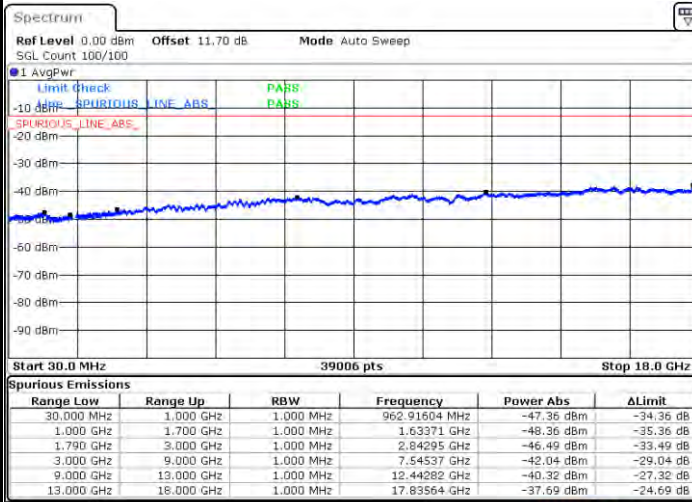


Date: 10 DEC.2019 21:57:43



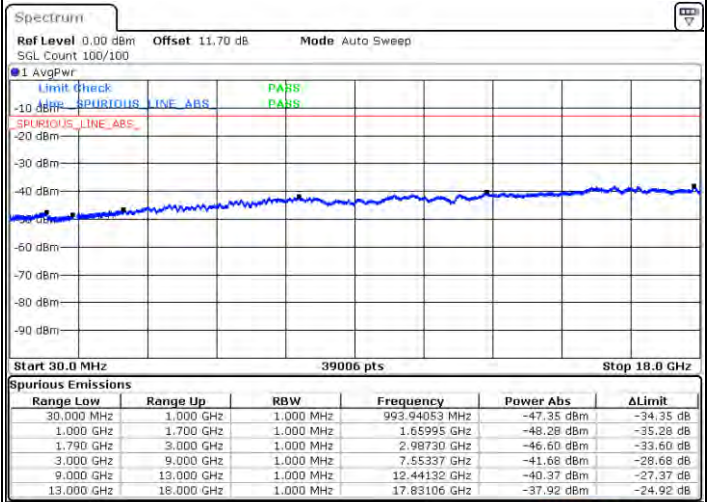
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



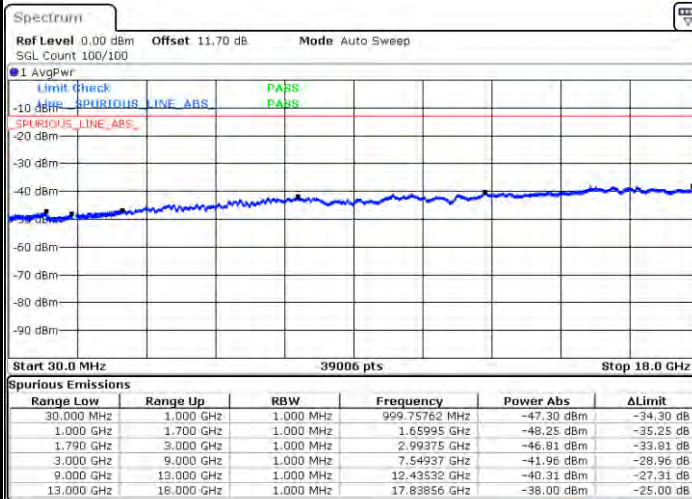
Date: 10 DEC 2019 22:16:06

Middle Channel / 64QAM



Date: 10 DEC 2019 22:17:17

Highest Channel / 64QAM

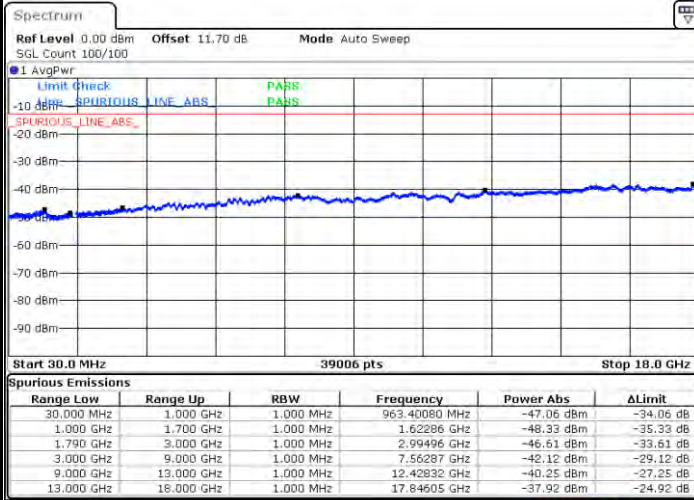


Date: 10 DEC 2019 22:20:29



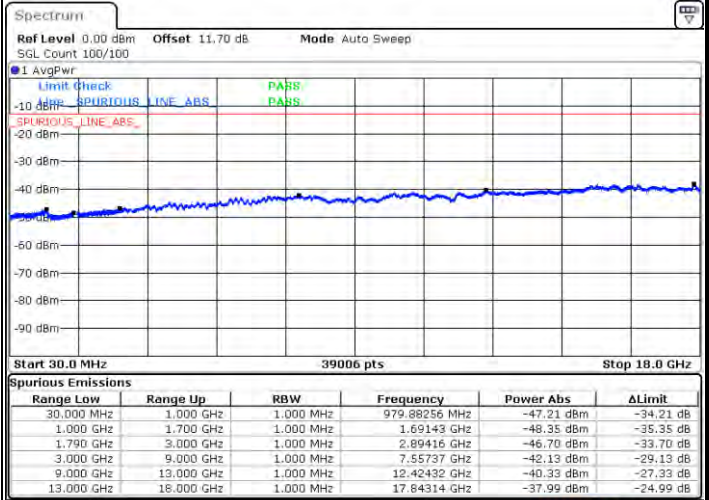
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



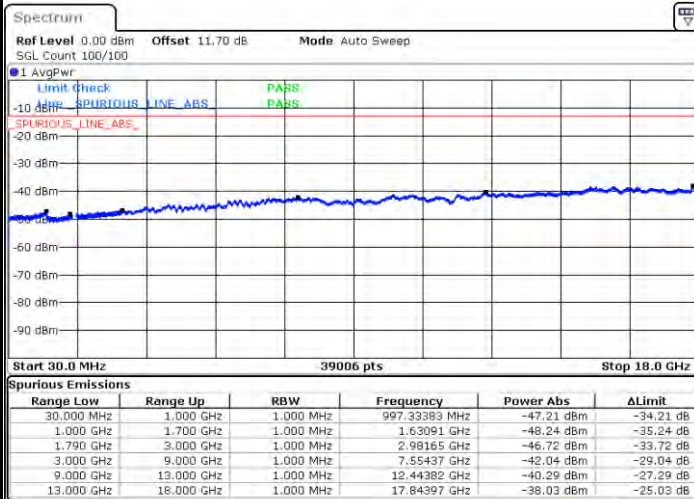
Date: 10 DEC 2019 22:23:41

Middle Channel / 64QAM



Date: 10 DEC 2019 22:24:52

Highest Channel / 64QAM

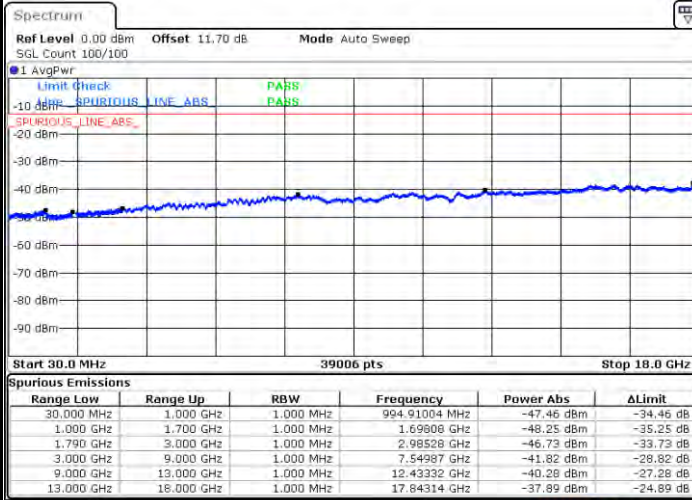


Date: 10 DEC 2019 22:28:05



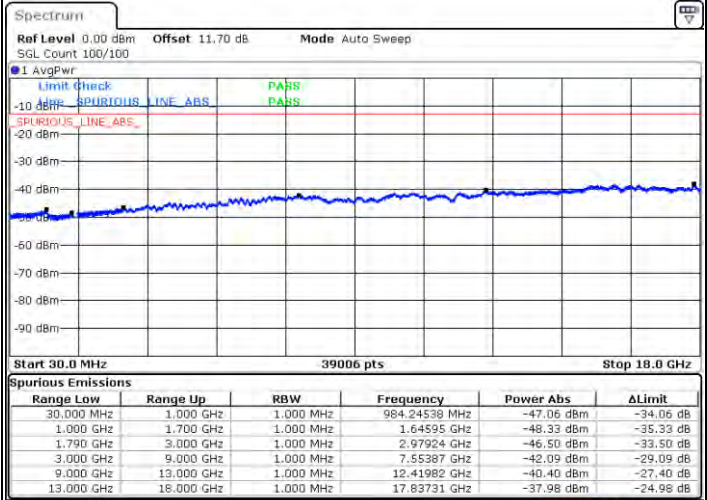
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



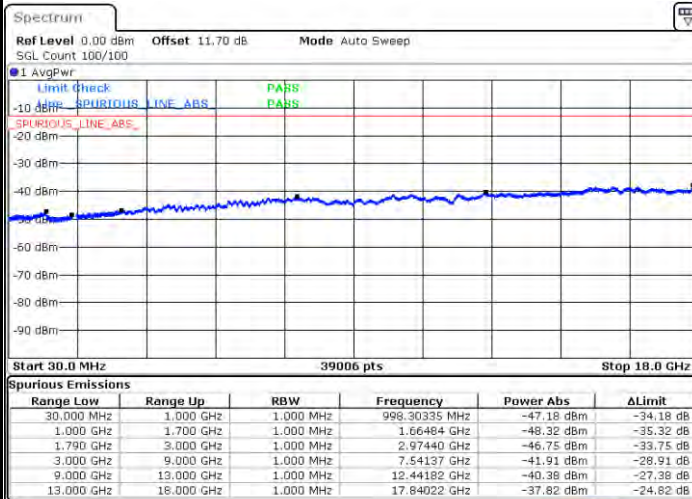
Date: 10 DEC.2019 23:01:38

Middle Channel / 64QAM



Date: 11 DEC.2019 00:16:02

Highest Channel / 64QAM

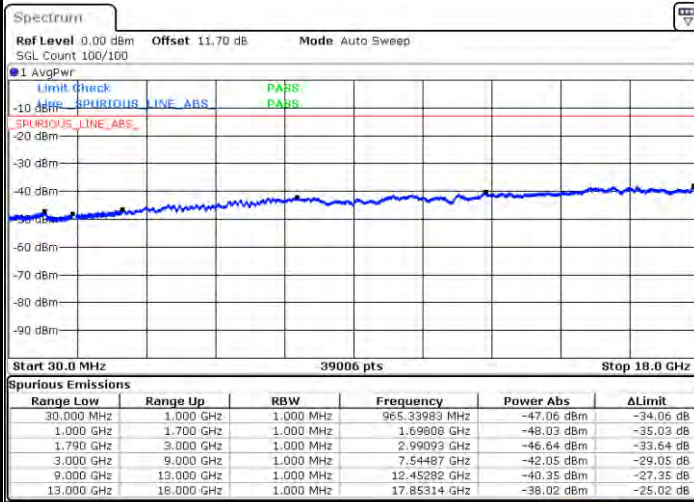


Date: 11 DEC.2019 00:19:14



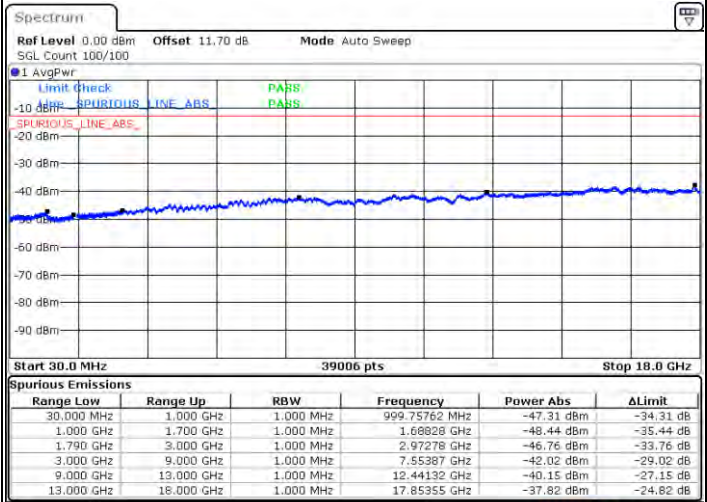
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



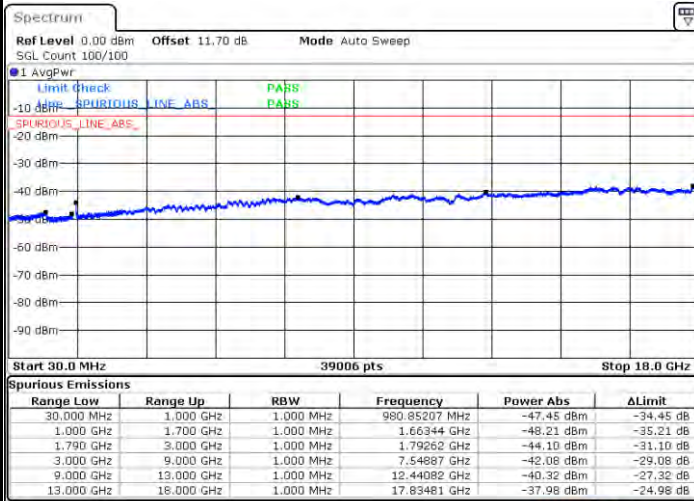
Date: 11 DEC.2019 00:30:06

Middle Channel / 64QAM



Date: 11 DEC.2019 00:31:17

Highest Channel / 64QAM

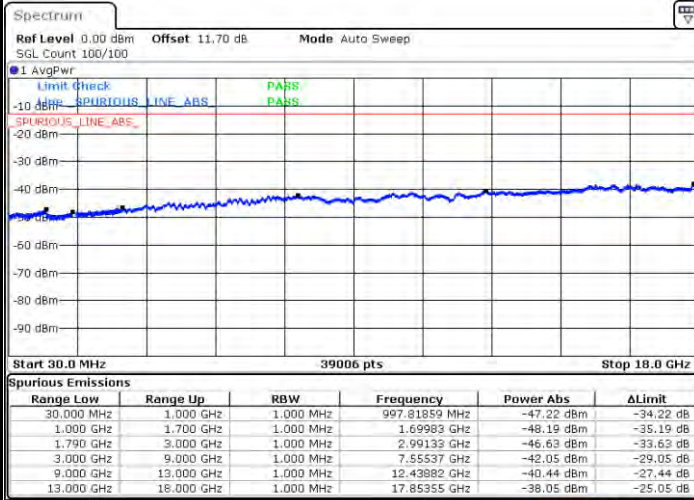


Date: 11 DEC.2019 00:34:29



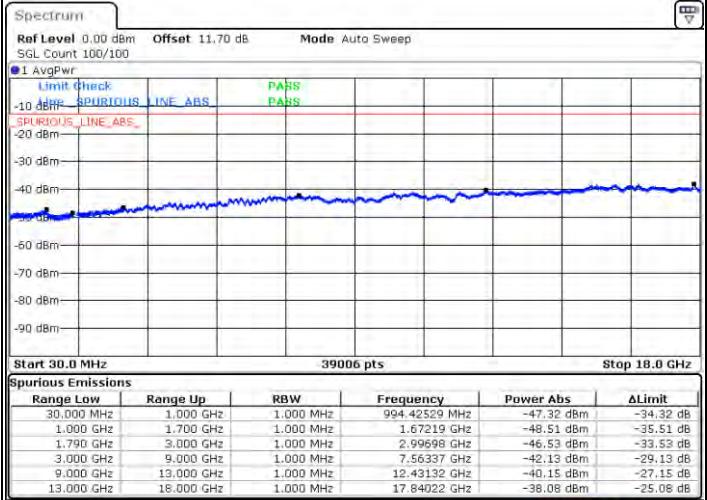
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



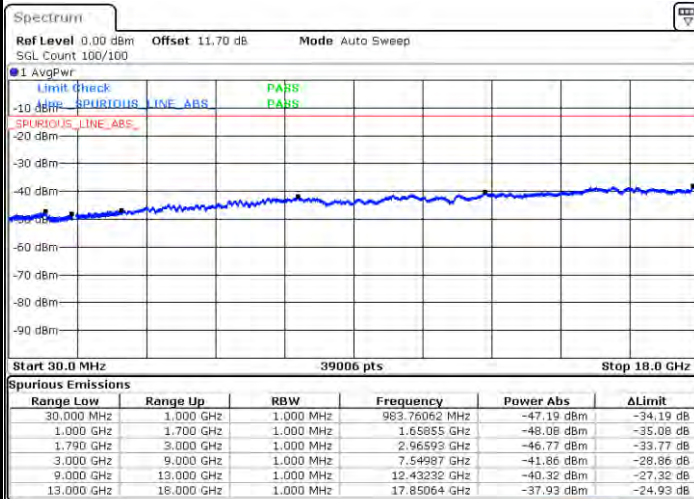
Date: 11 DEC.2019 01:08:03

Middle Channel / 64QAM



Date: 11 DEC.2019 01:09:14

Highest Channel / 64QAM



Date: 11 DEC.2019 01:12:27

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	0.0021	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

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

LTE Band 2 / 1.4MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.23	0.2104	23.73	0.2360
Middle		1	0	23.30	0.2138	23.80	0.2399
Highest		1	0	23.56	0.2270	24.06	0.2547
Lowest	16QAM	1	3	22.55	0.1799	23.05	0.2018
Middle		1	3	22.73	0.1875	23.23	0.2104
Highest		1	3	22.61	0.1824	23.11	0.2046
Lowest	64QAM	1	0	21.40	0.1380	21.90	0.1549
Middle		1	0	21.41	0.1384	21.91	0.1552
Highest		1	0	21.65	0.1462	22.15	0.1641
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.27	0.2123	23.77	0.2382
Middle		1	0	23.36	0.2168	23.86	0.2432
Highest		1	0	23.54	0.2259	24.04	0.2535
Lowest	16QAM	1	14	22.43	0.1750	22.93	0.1963
Middle		1	14	22.40	0.1738	22.90	0.1950
Highest		1	14	22.73	0.1875	23.23	0.2104
Lowest	64QAM	1	0	21.39	0.1377	21.89	0.1545
Middle		1	0	21.44	0.1393	21.94	0.1563
Highest		1	0	21.61	0.1449	22.11	0.1626
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.28	0.2128	23.78	0.2388
Middle		1	0	23.28	0.2128	23.78	0.2388
Highest		1	0	23.50	0.2239	24.00	0.2512
Lowest	16QAM	1	12	22.51	0.1782	23.01	0.2000
Middle		1	12	22.73	0.1875	23.23	0.2104
Highest		1	12	22.57	0.1807	23.07	0.2028
Lowest	64QAM	1	0	21.39	0.1377	21.89	0.1545
Middle		1	0	21.44	0.1393	21.94	0.1563
Highest		1	0	21.59	0.1442	22.09	0.1618
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.22	0.2099	23.72	0.2355
Middle		1	0	23.28	0.2128	23.78	0.2388
Highest		1	0	23.56	0.2270	24.06	0.2547
Lowest	16QAM	1	49	22.41	0.1742	22.91	0.1954
Middle		1	49	22.44	0.1754	22.94	0.1968
Highest		1	49	22.73	0.1875	23.23	0.2104
Lowest	64QAM	1	0	21.43	0.1390	21.93	0.1560
Middle		1	0	21.40	0.1380	21.90	0.1549
Highest		1	0	21.65	0.1462	22.15	0.1641
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.27	0.2123	23.77	0.2382
Middle		1	0	23.31	0.2143	23.81	0.2404
Highest		1	0	23.51	0.2244	24.01	0.2518
Lowest	16QAM	1	37	22.53	0.1791	23.03	0.2009
Middle		1	37	22.73	0.1875	23.23	0.2104
Highest		1	37	22.65	0.1841	23.15	0.2065
Lowest	64QAM	1	0	21.41	0.1384	21.91	0.1552
Middle		1	0	21.47	0.1403	21.97	0.1574
Highest		1	0	21.66	0.1466	22.16	0.1644
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.29	0.2133	23.79	0.2393
Middle		1	0	23.36	0.2168	23.86	0.2432
Highest		1	0	23.60	0.2291	24.10	0.2570
Lowest	16QAM	1	0	22.66	0.1845	23.16	0.2070
Middle		1	0	22.61	0.1824	23.11	0.2046
Highest		1	0	22.74	0.1879	23.24	0.2109
Lowest	64QAM	1	0	21.47	0.1403	21.97	0.1574
Middle		1	0	21.50	0.1413	22.00	0.1585
Highest		1	0	21.68	0.1472	22.18	0.1652
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.43	0.2203	23.43	0.2203
Middle		1	0	23.58	0.2280	23.58	0.2280
Highest		1	0	23.53	0.2254	23.53	0.2254
Lowest	16QAM	1	0	22.53	0.1791	22.53	0.1791
Middle		1	0	22.58	0.1811	22.58	0.1811
Highest		1	0	22.72	0.1871	22.72	0.1871
Lowest	64QAM	1	0	21.71	0.1483	21.71	0.1483
Middle		1	0	21.71	0.1483	21.71	0.1483
Highest		1	0	21.60	0.1445	21.60	0.1445
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.46	0.2218	23.46	0.2218
Middle		1	0	23.55	0.2265	23.55	0.2265
Highest		1	0	23.59	0.2286	23.59	0.2286
Lowest	16QAM	1	0	22.59	0.1816	22.59	0.1816
Middle		1	0	22.60	0.1820	22.60	0.1820
Highest		1	0	22.69	0.1858	22.69	0.1858
Lowest	64QAM	1	14	21.57	0.1435	21.57	0.1435
Middle		1	14	21.64	0.1459	21.64	0.1459
Highest		1	14	21.70	0.1479	21.70	0.1479
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.43	0.2203	23.43	0.2203
Middle		1	0	23.58	0.2280	23.58	0.2280
Highest		1	0	23.54	0.2259	23.54	0.2259
Lowest	16QAM	1	0	22.56	0.1803	22.56	0.1803
Middle		1	0	22.53	0.1791	22.53	0.1791
Highest		1	0	22.75	0.1884	22.75	0.1884
Lowest	64QAM	1	0	21.69	0.1476	21.69	0.1476
Middle		1	0	21.68	0.1472	21.68	0.1472
Highest		1	0	21.66	0.1466	21.66	0.1466
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.49	0.2234	23.49	0.2234
Middle		1	0	23.53	0.2254	23.53	0.2254
Highest		1	0	23.59	0.2286	23.59	0.2286
Lowest	16QAM	1	0	22.63	0.1832	22.63	0.1832
Middle		1	0	22.60	0.1820	22.60	0.1820
Highest		1	0	22.70	0.1862	22.70	0.1862
Lowest	64QAM	1	0	21.73	0.1489	21.73	0.1489
Middle		1	0	21.68	0.1472	21.68	0.1472
Highest		1	0	21.60	0.1445	21.60	0.1445
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.44	0.2208	23.44	0.2208
Middle		1	0	23.60	0.2291	23.60	0.2291
Highest		1	0	23.51	0.2244	23.51	0.2244
Lowest	16QAM	1	0	22.60	0.1820	22.60	0.1820
Middle		1	0	22.59	0.1816	22.59	0.1816
Highest		1	0	22.75	0.1884	22.75	0.1884
Lowest	64QAM	1	74	21.58	0.1439	21.58	0.1439
Middle		1	74	21.61	0.1449	21.61	0.1449
Highest		1	74	21.72	0.1486	21.72	0.1486
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.49	0.2234	23.49	0.2234
Middle		1	0	23.62	0.2301	23.62	0.2301
Highest		1	0	23.60	0.2291	23.60	0.2291
Lowest	16QAM	1	0	22.63	0.1832	22.63	0.1832
Middle		1	0	22.62	0.1828	22.62	0.1828
Highest		1	0	22.75	0.1884	22.75	0.1884
Lowest	64QAM	1	0	21.73	0.1489	21.73	0.1489
Middle		1	0	21.71	0.1483	21.71	0.1483
Highest		1	0	21.68	0.1472	21.68	0.1472
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.29	0.2133	19.14	0.0820
Middle		3	1	23.33	0.2153	19.18	0.0828
Highest		3	1	23.21	0.2094	19.06	0.0805
Lowest	16QAM	1	5	22.33	0.1710	18.18	0.0658
Middle		1	5	22.65	0.1841	18.50	0.0708
Highest		1	5	22.43	0.1750	18.28	0.0673
Lowest	64QAM	1	3	21.46	0.1400	17.31	0.0538
Middle		1	3	21.55	0.1429	17.40	0.0550
Highest		1	3	21.44	0.1393	17.29	0.0536
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.31	0.2143	19.16	0.0824
Middle		1	0	23.37	0.2173	19.22	0.0836
Highest		1	0	23.17	0.2075	19.02	0.0798
Lowest	16QAM	1	8	22.68	0.1854	18.53	0.0713
Middle		1	8	22.59	0.1816	18.44	0.0698
Highest		1	8	22.52	0.1786	18.37	0.0687
Lowest	64QAM	1	0	21.53	0.1422	17.38	0.0547
Middle		1	0	21.62	0.1452	17.47	0.0558
Highest		1	0	21.36	0.1368	17.21	0.0526
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.28	0.2128	19.13	0.0818
Middle		1	0	23.38	0.2178	19.23	0.0838
Highest		1	0	23.20	0.2089	19.05	0.0804
Lowest	16QAM	1	0	22.60	0.1820	18.45	0.0700
Middle		1	0	22.81	0.1910	18.66	0.0735
Highest		1	0	22.41	0.1742	18.26	0.0670
Lowest	64QAM	1	0	21.50	0.1413	17.35	0.0543
Middle		1	0	21.61	0.1449	17.46	0.0557
Highest		1	0	21.38	0.1374	17.23	0.0528
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.30	0.2138	19.15	0.0822
Middle		1	0	23.39	0.2183	19.24	0.0839
Highest		1	0	23.27	0.2123	19.12	0.0817
Lowest	16QAM	1	0	22.56	0.1803	18.41	0.0693
Middle		1	0	22.66	0.1845	18.51	0.0710
Highest		1	0	22.55	0.1799	18.40	0.0692
Lowest	64QAM	1	0	21.39	0.1377	17.24	0.0530
Middle		1	0	21.59	0.1442	17.44	0.0555
Highest		1	0	21.52	0.1419	17.37	0.0546
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.44	0.1754	20.44	0.1107
Middle		1	0	22.21	0.1663	20.21	0.1050
Highest		1	0	22.24	0.1675	20.24	0.1057
Lowest	16QAM	1	12	21.79	0.1510	19.79	0.0953
Middle		1	12	21.52	0.1419	19.52	0.0895
Highest		1	12	21.59	0.1442	19.59	0.0910
Lowest	64QAM	1	12	20.54	0.1132	18.54	0.0714
Middle		1	12	20.46	0.1112	18.46	0.0701
Highest		1	12	20.40	0.1096	18.40	0.0692
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.41	0.1742	20.41	0.1099
Middle		1	0	22.42	0.1746	20.42	0.1102
Highest		1	0	22.34	0.1714	20.34	0.1081
Lowest	16QAM	1	0	21.75	0.1496	19.75	0.0944
Middle		1	0	21.61	0.1449	19.61	0.0914
Highest		1	0	21.58	0.1439	19.58	0.0908
Lowest	64QAM	1	0	20.68	0.1169	18.68	0.0738
Middle		1	0	20.64	0.1159	18.64	0.0731
Highest		1	0	20.53	0.1130	18.53	0.0713
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.46	0.1762	20.46	0.1112
Middle		1	0	22.44	0.1754	20.44	0.1107
Highest		1	0	22.35	0.1718	20.35	0.1084
Lowest	16QAM	1	0	21.71	0.1483	19.71	0.0935
Middle		1	0	21.74	0.1493	19.74	0.0942
Highest		1	0	21.57	0.1435	19.57	0.0906
Lowest	64QAM	1	0	20.71	0.1178	18.71	0.0743
Middle		1	0	20.66	0.1164	18.66	0.0735
Highest		1	0	20.50	0.1122	18.50	0.0708
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.49	0.1774	20.49	0.1119
Middle		1	0	22.48	0.1770	20.48	0.1117
Highest		1	0	22.32	0.1706	20.32	0.1076
Lowest	16QAM	1	0	21.81	0.1517	19.81	0.0957
Middle		1	0	21.80	0.1514	19.80	0.0955
Highest		1	0	21.58	0.1439	19.58	0.0908
Lowest	64QAM	1	0	20.64	0.1159	18.64	0.0731
Middle		1	0	20.74	0.1186	18.74	0.0748
Highest		1	0	20.48	0.1117	18.48	0.0705
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.92	0.1959	18.77	0.0753
Middle		1	0	23.19	0.2084	19.04	0.0802
Highest		1	0	23.22	0.2099	19.07	0.0807
Lowest	16QAM	1	0	22.27	0.1687	18.12	0.0649
Middle		1	0	22.31	0.1702	18.16	0.0655
Highest		1	0	22.35	0.1718	18.20	0.0661
Lowest	64QAM	1	0	21.27	0.1340	17.12	0.0515
Middle		1	0	21.24	0.1330	17.09	0.0512
Highest		1	0	21.21	0.1321	17.06	0.0508
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.89	0.1945	18.74	0.0748
Middle		1	0	23.12	0.2051	18.97	0.0789
Highest		1	0	23.13	0.2056	18.98	0.0791
Lowest	16QAM	1	0	22.36	0.1722	18.21	0.0662
Middle		1	0	22.39	0.1734	18.24	0.0667
Highest		1	0	22.33	0.1710	18.18	0.0658
Lowest	64QAM	1	8	21.17	0.1309	17.02	0.0504
Middle		1	8	21.27	0.1340	17.12	0.0515
Highest		1	8	21.28	0.1343	17.13	0.0516
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.92	0.1959	18.77	0.0753
Middle		1	0	23.20	0.2089	19.05	0.0804
Highest		1	0	23.17	0.2075	19.02	0.0798
Lowest	16QAM	1	0	22.29	0.1694	18.14	0.0652
Middle		1	0	22.32	0.1706	18.17	0.0656
Highest		1	0	22.34	0.1714	18.19	0.0659
Lowest	64QAM	1	0	21.22	0.1324	17.07	0.0509
Middle		1	0	21.23	0.1327	17.08	0.0511
Highest		1	0	21.27	0.1340	17.12	0.0515
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.97	0.1982	18.82	0.0762
Middle		1	0	23.21	0.2094	19.06	0.0805
Highest		1	0	23.23	0.2104	19.08	0.0809
Lowest	16QAM	1	0	22.37	0.1726	18.22	0.0664
Middle		1	0	22.40	0.1738	18.25	0.0668
Highest		1	0	22.43	0.1750	18.28	0.0673
Lowest	64QAM	1	0	21.32	0.1355	17.17	0.0521
Middle		1	0	21.30	0.1349	17.15	0.0519
Highest		1	0	21.28	0.1343	17.13	0.0516
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.17	0.2075	20.02	0.1005
Middle		1	0	23.24	0.2109	20.09	0.1021
Highest		1	0	23.17	0.2075	20.02	0.1005
Lowest	16QAM	1	0	22.52	0.1786	19.37	0.0865
Middle		1	0	22.59	0.1816	19.44	0.0879
Highest		1	0	22.47	0.1766	19.32	0.0855
Lowest	64QAM	1	0	21.43	0.1390	18.28	0.0673
Middle		1	0	21.53	0.1422	18.38	0.0689
Highest		1	0	21.44	0.1393	18.29	0.0675
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	23.25	0.2113	20.10	0.1023
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	22.55	0.1799	19.40	0.0871
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	0	21.45	0.1396	18.30	0.0676
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.42	0.1746	20.42	0.1102
Middle		1	0	22.54	0.1795	20.54	0.1132
Highest		1	0	22.34	0.1714	20.34	0.1081
Lowest	16QAM	1	0	21.55	0.1429	19.55	0.0902
Middle		1	0	21.69	0.1476	19.69	0.0931
Highest		1	0	21.48	0.1406	19.48	0.0887
Lowest	64QAM	1	12	20.22	0.1052	18.22	0.0664
Middle		1	12	20.11	0.1026	18.11	0.0647
Highest		1	12	19.99	0.0998	17.99	0.0630
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.45	0.1758	20.45	0.1109
Middle		1	0	22.56	0.1803	20.56	0.1138
Highest		1	0	22.41	0.1742	20.41	0.1099
Lowest	16QAM	1	0	21.64	0.1459	19.64	0.0920
Middle		1	0	21.74	0.1493	19.74	0.0942
Highest		1	0	21.57	0.1435	19.57	0.0906
Lowest	64QAM	1	0	20.29	0.1069	18.29	0.0675
Middle		1	0	20.23	0.1054	18.23	0.0665
Highest		1	0	20.16	0.1038	18.16	0.0655
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.55	0.1799	20.55	0.1135
Middle		1	0	22.64	0.1837	20.64	0.1159
Highest		1	0	22.52	0.1786	20.52	0.1127
Lowest	16QAM	1	0	21.69	0.1476	19.69	0.0931
Middle		1	0	21.78	0.1507	19.78	0.0951
Highest		1	0	21.67	0.1469	19.67	0.0927
Lowest	64QAM	1	0	20.34	0.1081	18.34	0.0682
Middle		1	0	20.27	0.1064	18.27	0.0671
Highest		1	0	20.24	0.1057	18.24	0.0667
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.56	0.1803	20.56	0.1138
Middle		1	0	22.76	0.1888	20.76	0.1191
Highest		1	0	22.57	0.1807	20.57	0.1140
Lowest	16QAM	1	0	21.73	0.1489	19.73	0.0940
Middle		1	0	21.89	0.1545	19.89	0.0975
Highest		1	0	21.75	0.1496	19.75	0.0944
Lowest	64QAM	1	0	20.35	0.1084	18.35	0.0684
Middle		1	0	20.41	0.1099	18.41	0.0693
Highest		1	0	20.24	0.1057	18.24	0.0667
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.29	0.2133	19.14	0.0820
Middle		3	1	23.45	0.2213	19.30	0.0851
Highest		3	1	23.26	0.2118	19.11	0.0815
Lowest	16QAM	1	3	22.46	0.1762	18.31	0.0678
Middle		1	3	22.65	0.1841	18.50	0.0708
Highest		1	3	22.38	0.1730	18.23	0.0665
Lowest	64QAM	1	0	21.36	0.1368	17.21	0.0526
Middle		1	0	21.58	0.1439	17.43	0.0553
Highest		1	0	21.36	0.1368	17.21	0.0526
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.32	0.2148	19.17	0.0826
Middle		1	8	23.47	0.2223	19.32	0.0855
Highest		1	8	23.26	0.2118	19.11	0.0815
Lowest	16QAM	1	14	22.50	0.1778	18.35	0.0684
Middle		1	14	22.73	0.1875	18.58	0.0721
Highest		1	14	22.36	0.1722	18.21	0.0662
Lowest	64QAM	1	8	21.53	0.1422	17.38	0.0547
Middle		1	8	21.77	0.1503	17.62	0.0578
Highest		1	8	21.55	0.1429	17.40	0.0550
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.29	0.2133	19.14	0.0820
Middle		1	0	23.41	0.2193	19.26	0.0843
Highest		1	0	23.21	0.2094	19.06	0.0805
Lowest	16QAM	1	12	22.50	0.1778	18.35	0.0684
Middle		1	12	22.66	0.1845	18.51	0.0710
Highest		1	12	22.45	0.1758	18.30	0.0676
Lowest	64QAM	1	0	21.53	0.1422	17.38	0.0547
Middle		1	0	21.61	0.1449	17.46	0.0557
Highest		1	0	21.33	0.1358	17.18	0.0522
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.35	0.2163	19.20	0.0832
Middle		1	0	23.47	0.2223	19.32	0.0855
Highest		1	0	23.36	0.2168	19.21	0.0834
Lowest	16QAM	1	25	22.59	0.1816	18.44	0.0698
Middle		1	25	22.72	0.1871	18.57	0.0719
Highest		1	25	22.43	0.1750	18.28	0.0673
Lowest	64QAM	1	0	21.62	0.1452	17.47	0.0558
Middle		1	0	21.64	0.1459	17.49	0.0561
Highest		1	0	21.54	0.1426	17.39	0.0548
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.27	0.2123	19.12	0.0817
Middle		1	0	23.48	0.2228	19.33	0.0857
Highest		1	0	23.42	0.2198	19.27	0.0845
Lowest	16QAM	1	0	22.63	0.1832	18.48	0.0705
Middle		1	0	22.71	0.1866	18.56	0.0718
Highest		1	0	22.74	0.1879	18.59	0.0723
Lowest	64QAM	1	37	21.36	0.1368	17.21	0.0526
Middle		1	37	21.71	0.1483	17.56	0.0570
Highest		1	37	21.61	0.1449	17.46	0.0557
Limit	ERP < 7W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.41	0.2193	23.41	0.2193
Middle		1	0	23.61	0.2296	23.61	0.2296
Highest		1	0	23.51	0.2244	23.51	0.2244
Lowest	16QAM	1	5	22.74	0.1879	22.74	0.1879
Middle		1	5	22.67	0.1849	22.67	0.1849
Highest		1	5	22.56	0.1803	22.56	0.1803
Lowest	64QAM	1	3	21.42	0.1387	21.42	0.1387
Middle		1	3	21.66	0.1466	21.66	0.1466
Highest		1	3	21.63	0.1455	21.63	0.1455
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.42	0.2198	23.42	0.2198
Middle		1	0	23.59	0.2286	23.59	0.2286
Highest		1	0	23.48	0.2228	23.48	0.2228
Lowest	16QAM	1	14	22.75	0.1884	22.75	0.1884
Middle		1	14	22.62	0.1828	22.62	0.1828
Highest		1	14	22.57	0.1807	22.57	0.1807
Lowest	64QAM	1	0	21.58	0.1439	21.58	0.1439
Middle		1	0	21.61	0.1449	21.61	0.1449
Highest		1	0	21.64	0.1459	21.64	0.1459
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.38	0.2178	23.38	0.2178
Middle		1	0	23.60	0.2291	23.60	0.2291
Highest		1	0	23.46	0.2218	23.46	0.2218
Lowest	16QAM	1	12	22.70	0.1862	22.70	0.1862
Middle		1	12	22.61	0.1824	22.61	0.1824
Highest		1	12	22.69	0.1858	22.69	0.1858
Lowest	64QAM	1	0	21.60	0.1445	21.60	0.1445
Middle		1	0	21.63	0.1455	21.63	0.1455
Highest		1	0	21.63	0.1455	21.63	0.1455
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.45	0.2213	23.45	0.2213
Middle		1	0	23.56	0.2270	23.56	0.2270
Highest		1	0	23.53	0.2254	23.53	0.2254
Lowest	16QAM	1	49	22.73	0.1875	22.73	0.1875
Middle		1	49	22.63	0.1832	22.63	0.1832
Highest		1	49	22.64	0.1837	22.64	0.1837
Lowest	64QAM	1	0	21.60	0.1445	21.60	0.1445
Middle		1	0	21.67	0.1469	21.67	0.1469
Highest		1	0	21.58	0.1439	21.58	0.1439
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.47	0.2223	23.47	0.2223
Middle		1	0	23.55	0.2265	23.55	0.2265
Highest		1	0	23.56	0.2270	23.56	0.2270
Lowest	16QAM	1	37	22.62	0.1828	22.62	0.1828
Middle		1	37	22.62	0.1828	22.62	0.1828
Highest		1	37	22.76	0.1888	22.76	0.1888
Lowest	64QAM	1	37	21.45	0.1396	21.45	0.1396
Middle		1	37	21.69	0.1476	21.69	0.1476
Highest		1	37	21.60	0.1445	21.60	0.1445
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.48	0.2228	23.48	0.2228
Middle		1	0	23.62	0.2301	23.62	0.2301
Highest		1	0	23.56	0.2270	23.56	0.2270
Lowest	16QAM	1	49	22.71	0.1866	22.71	0.1866
Middle		1	49	22.66	0.1845	22.66	0.1845
Highest		1	49	22.77	0.1892	22.77	0.1892
Lowest	64QAM	1	49	21.51	0.1416	21.51	0.1416
Middle		1	49	21.71	0.1483	21.71	0.1483
Highest		1	49	21.64	0.1459	21.64	0.1459
Limit	EIRP < 1W			Result		PASS	

**Radiated Spurious Emission****Part 24E 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	-53.93	-13	-40.93	-74.2	-64.24	1.97	12.28	H
	5550	-53.51	-13	-40.51	-76.82	-63.64	2.14	12.27	H
	7400	-47.24	-13	-34.24	-75.06	-55.24	2.18	10.18	H
									H
									H
									H
	3700	-54.41	-13	-41.41	-75.21	-64.72	1.97	12.28	V
	5550	-52.76	-13	-39.76	-76.73	-62.89	2.14	12.27	V
	7400	-47.59	-13	-34.59	-75.4	-55.59	2.18	10.18	V
									V
									V
									V
Middle	3742	-54.07	-13	-41.07	-74.44	-64.33	2.00	12.25	H
	5610	-53.37	-13	-40.37	-76.56	-63.59	2.13	12.35	H
	7480	-47.76	-13	-34.76	-75.44	-55.67	2.13	10.04	H
									H
									H
									H
	3742	-53.41	-13	-40.41	-74.24	-63.67	2.00	12.25	V
	5610	-52.52	-13	-39.52	-76.37	-62.74	2.13	12.35	V
	7480	-47.88	-13	-34.88	-75.45	-55.79	2.13	10.04	V
									V
									V
									V
Highest	3784	-52.88	-13	-39.88	-73.38	-63.09	2.02	12.23	H
	5670	-52.86	-13	-39.86	-76.4	-63.18	2.12	12.44	H
	7560	-48.33	-13	-35.33	-75.59	-56.43	2.11	10.22	H
									H
									H
									H
	3784	-52.28	-13	-39.28	-73.26	-62.49	2.02	12.23	V
	5670	-52.17	-13	-39.17	-76.31	-62.49	2.12	12.44	V
	7560	-48.42	-13	-35.42	-75.65	-56.52	2.11	10.22	V
									V
									V
									V

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

**Part 27M 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	7500	-58.87	-25	-33.87	-57.17	-66.75	2.12	10.00	H
	12504	-38.04	-25	-13.04	-42.59	-48.79	2.55	13.30	H
	17507	-47.42	-25	-22.42	-55.35	-57.73	2.33	12.64	H
									H
									H
	7500	-58.25	-25	-33.25	-56.4	-66.13	2.12	10.00	V
	12504	-39.21	-25	-14.21	-42.6	-49.96	2.55	13.30	V
	17507	-52.37	-25	-27.37	-61.5	-62.68	2.33	12.64	V
									V
									V
Middle	7584	-57.34	-25	-32.34	-55.13	-65.53	2.11	10.30	H
	10104	-55.28	-25	-30.28	-57.39	-65.16	1.96	11.84	H
	12636	-44.86	-25	-19.86	-49.48	-55.46	2.54	13.14	H
	15161	-58.01	-25	-33.01	-63.72	-69.34	2.58	13.91	H
									H
									H
									H
	7584	-56.30	-25	-31.30	-54.1	-64.49	2.11	10.30	V
	10104	-55.24	-25	-30.24	-56.62	-65.12	1.96	11.84	V
	12636	-40.38	-25	-15.38	-43.99	-50.98	2.54	13.14	V
	15161	-55.46	-25	-30.46	-62.66	-66.79	2.58	13.91	V
									V
									V
									V
Highest	7656	-58.97	-25	-33.97	-56.77	-67.42	2.11	10.56	H
	10200	-56.02	-25	-31.02	-58.28	-65.78	2.12	11.88	H
	12756	-48.74	-25	-23.74	-53.44	-59.20	2.53	12.99	H
	15310.5	-56.76	-25	-31.76	-62.71	-68.91	2.50	14.65	H
									H
									H
									H
	7656	-59.21	-25	-34.21	-57.06	-67.66	2.11	10.56	V
	10200	-55.42	-25	-30.42	-57.13	-65.18	2.12	11.88	V
	12756	-44.03	-25	-19.03	-47.84	-54.49	2.53	12.99	V
	15310.5	-53.83	-25	-28.83	-60.56	-65.98	2.50	14.65	V
									V
									V
									V

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

**Part 27H 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	-59.69	-13	-46.69	-74.00	-64.13	1.15	7.74	H
	2100	-59.15	-13	-46.15	-75.98	-65.80	1.38	10.18	H
	2800	-58.40	-13	-45.40	-76.18	-65.54	1.45	10.74	H
									H
									H
									H
	1400	-59.00	-13	-46.00	-72.74	-63.44	1.15	7.74	V
	2100	-58.72	-13	-45.72	-75.80	-65.37	1.38	10.18	V
	2800	-57.66	-13	-44.66	-75.85	-64.80	1.45	10.74	V
									V
									V
									V
Middle	1408	-58.15	-13	-45.15	-72.42	-62.63	1.15	7.78	H
	2112	-58.46	-13	-45.46	-75.49	-65.12	1.38	10.19	H
	3512	-58.24	-13	-45.24	-76.05	-66.61	1.88	12.39	H
									H
									H
									H
	1408	-59.72	-13	-46.72	-73.45	-64.20	1.15	7.78	V
	2112	-58.44	-13	-45.44	-75.75	-65.10	1.38	10.19	V
	3512	-57.48	-13	-44.48	-75.71	-65.85	1.88	12.39	V
									V
									V
									V
Highest	1416	-58.92	-13	-45.92	-73.17	-63.43	1.15	7.81	H
	2124	-58.63	-13	-45.63	-75.86	-65.30	1.38	10.20	H
	2832	-58.12	-13	-45.12	-75.98	-65.28	1.45	10.77	H
									H
									H
									H
	1416	-60.42	-13	-47.42	-74.14	-64.93	1.15	7.81	V
	2124	-58.13	-13	-45.13	-75.67	-64.80	1.38	10.20	V
	2832	-57.74	-13	-44.74	-76.02	-64.90	1.45	10.77	V
									V
									V
									V

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

**Part 27F LTE Band 13**

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1552	-53.73	-13	-40.73	-66.86	-58.79	1.19	8.40	H
	2331	-58.34	-13	-45.34	-75.59	-65.14	1.41	10.36	H
	3108	-57.31	-13	-44.31	-75.82	-64.84	1.55	11.22	H
									H
									H
									H
	1552	-56.90	-13	-43.90	-69.81	-61.96	1.19	8.40	V
	2331	-57.64	-13	-44.64	-75.44	-64.44	1.41	10.36	V
	3108	-57.31	-13	-44.31	-76.06	-64.84	1.55	11.22	V
									V
									V
									V
Middle	1560	-59.17	-42.15	-17.02	-72.23	-64.26	1.19	8.43	H
	2336	-58.42	-13	-45.42	-75.62	-65.23	1.41	10.37	H
	3118	-56.94	-13	-43.94	-75.47	-64.49	1.56	11.25	H
									H
									H
									H
	1560	-60.33	-42.15	-18.18	-73.17	-65.42	1.19	8.43	V
	2336	-57.63	-13	-44.63	-75.36	-64.44	1.41	10.37	V
	3118	-56.84	-13	-43.84	-75.65	-64.39	1.56	11.25	V
									V
									V
									V
Highest	1568	-55.88	-42.15	-13.73	-68.85	-60.99	1.20	8.46	H
	2345	-58.86	-13	-45.86	-75.99	-65.67	1.42	10.38	H
	3126	-57.12	-13	-44.12	-75.75	-64.68	1.56	11.28	H
									H
									H
									H
	1568	-56.28	-42.15	-14.13	-69.02	-61.39	1.20	8.46	V
	2345	-57.97	-13	-44.97	-75.68	-64.78	1.42	10.38	V
	3126	-56.72	-13	-43.72	-75.56	-64.28	1.56	11.28	V
									V
									V
									V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-53.56	-13	-40.56	-66.66	-58.62	1.19	8.40	H
	2331	-57.58	-13	-44.58	-74.84	-64.38	1.41	10.36	H
	3108	-56.49	-13	-43.49	-74.98	-64.02	1.55	11.22	H
									H
									H
									H
	1552	-55.16	-13	-42.16	-68.07	-60.22	1.19	8.40	V
	2331	-57.37	-13	-44.37	-75.16	-64.17	1.41	10.36	V
	3108	-56.59	-13	-43.59	-75.37	-64.12	1.55	11.22	V
									V
									V
									V

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

**Part 22H LTE Band 26**

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	-58.36	-13	-45.36	-71.33	-63.75	1.23	8.76	H
	2474	-58.41	-13	-45.41	-75.24	-65.30	1.44	10.48	H
	3296	-57.05	-13	-44.05	-75.64	-64.99	1.70	11.79	H
									H
									H
									H
	1648	-58.31	-13	-45.31	-71.16	-63.70	1.23	8.76	V
	2474	-58.38	-13	-45.38	-75.49	-65.27	1.44	10.48	V
	3296	-57.02	-13	-44.02	-76.01	-64.96	1.70	11.79	V
									V
									V
									V
Middle	1656	-59.39	-13	-46.39	-72.38	-64.80	1.23	8.79	H
	2489	-58.65	-13	-45.65	-75.44	-65.55	1.44	10.49	H
	3319	-57.40	-13	-44.40	-75.85	-65.39	1.72	11.86	H
									H
									H
									V
	1656	-61.68	-13	-48.68	-70.54	-67.09	1.23	8.79	V
	2489	-58.32	-13	-45.32	-75.34	-65.22	1.44	10.49	V
	3319	-56.74	-13	-43.74	-75.65	-64.73	1.72	11.86	V
									V
									V
									V
Highest	1672	-57.71	-13	-44.71	-70.73	-63.18	1.24	8.85	H
	2504	-59.11	-13	-46.11	-75.87	-66.02	1.44	10.50	H
	3339	-57.25	-13	-44.25	-75.58	-65.28	1.74	11.92	H
									H
									H
									H
	1672	-59.29	-13	-46.29	-72.2	-64.76	1.24	8.85	V
	2504	-58.91	-13	-45.91	-75.86	-65.82	1.44	10.50	V
	3339	-56.88	-13	-43.88	-75.73	-64.91	1.74	11.92	V
									V
									V
									V

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

**Part 27M 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	-64.84	-25	-39.84	-57.37	-74.59	2.35	12.10	H
	7488	-44.26	-25	-19.26	-42.29	-52.16	2.12	10.02	H
	12480	-56.35	-25	-31.35	-60.66	-67.06	2.55	13.26	H
	14988	-49.68	-25	-24.68	-54.78	-60.09	2.66	13.07	H
	17484	-47.87	-25	-22.87	-55.56	-58.23	2.33	12.69	H
									H
									H
	4992	-63.08	-25	-38.08	-56.24	-72.83	2.35	12.10	V
	7488	-44.74	-25	-19.74	-42.64	-52.64	2.12	10.02	V
	12480	-54.51	-25	-29.51	-57.66	-65.22	2.55	13.26	V
	14988	-46.12	-25	-21.12	-53.51	-56.53	2.66	13.07	V
	17484	-46.23	-25	-21.23	-57.62	-56.59	2.33	12.69	V
									V
									V
Middle	5172	-63.11	-25	-38.11	-56.22	-72.95	2.29	12.13	H
	7752	-57.58	-25	-32.58	-55.3	-66.37	2.11	10.91	H
	12924	-56.71	-25	-31.71	-61.26	-66.99	2.52	12.79	H
									H
									H
	5172	-63.98	-25	-38.98	-57.7	-73.82	2.29	12.13	V
	7752	-55.34	-25	-30.34	-53.13	-64.13	2.11	10.91	V
	12924	-52.73	-25	-27.73	-56.57	-63.01	2.52	12.79	V
									V
									V
Highest	5340	-62.45	-25	-37.45	-56.41	-72.40	2.22	12.17	H
	8016	-59.65	-25	-34.65	-58.84	-69.36	2.11	11.83	H
	10680	-53.09	-25	-28.09	-56.07	-62.22	2.62	11.75	H
	13356	-44.93	-25	-19.93	-50.15	-55.10	2.53	12.70	H
	16023.5	-52.51	-25	-27.51	-58.7	-67.23	2.56	17.28	H
									H
									H
	5340	-64.77	-25	-39.77	-59.24	-74.72	2.22	12.17	V
	8016	-59.99	-25	-34.99	-58.92	-69.70	2.11	11.83	V
	10680	-52.93	-25	-27.93	-55.95	-62.06	2.62	11.75	V
	13356	-39.51	-25	-14.51	-44.32	-49.68	2.53	12.70	V
	16023.5	-52.43	-25	-27.43	-58.49	-67.15	2.56	17.28	V
									V
									V

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

**Part 27L 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	-53.93	-13	-40.93	-72.96	-64.29	1.80	12.16	H
	5133	-53.20	-13	-40.20	-76.61	-63.02	2.31	12.13	H
	6844	-50.24	-13	-37.24	-76.42	-58.93	2.37	11.06	H
									H
									H
									H
	3420	-52.13	-13	-39.13	-71.79	-62.49	1.80	12.16	V
	5133	-52.81	-13	-39.81	-76.79	-62.63	2.31	12.13	V
	6844	-49.66	-13	-36.66	-76.39	-58.35	2.37	11.06	V
									V
									V
									V
Middle	3448	-54.44	-13	-41.44	-73.73	-64.86	1.83	12.24	H
	5170	-53.19	-13	-40.19	-76.63	-63.03	2.29	12.13	H
	6892	-50.12	-13	-37.12	-76.45	-58.74	2.38	11.01	H
									H
									H
									H
	3448	-54.20	-13	-41.20	-74.06	-64.62	1.83	12.24	V
	5170	-52.00	-13	-39.00	-76	-61.84	2.29	12.13	V
	6892	-49.51	-13	-36.51	-76.43	-58.13	2.38	11.01	V
									V
									V
									V
Highest	3469	-54.96	-13	-41.96	-74.45	-65.42	1.84	12.31	H
	5208	-53.85	-13	-40.85	-77.32	-63.72	2.27	12.14	H
	6944	-49.68	-13	-36.68	-76.18	-58.24	2.40	10.96	H
									H
									H
									H
	3469	-54.35	-13	-41.35	-74.36	-64.81	1.84	12.31	V
	5208	-53.21	-13	-40.21	-77.23	-63.08	2.27	12.14	V
	6944	-49.17	-13	-36.17	-76.29	-57.73	2.40	10.96	V
									V
									V
									V

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

**Part 27L LTE Band 66**

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-52.47	-13	-39.47	-71.22	-62.83	1.80	12.16	H
	5130	-53.34	-13	-40.34	-76.47	-63.16	2.31	12.13	H
	6840	-50.27	-13	-37.27	-76.12	-58.96	2.37	11.06	H
									H
									H
									H
	3420	-54.66	-13	-41.66	-74.04	-65.02	1.80	12.16	V
	5130	-52.64	-13	-39.64	-76.34	-62.46	2.31	12.13	V
	6840	-49.54	-13	-36.54	-75.98	-58.23	2.37	11.06	V
									V
									V
									V
Middle	3476	-54.54	-13	-41.54	-73.81	-65.02	1.85	12.33	H
	5205	-53.87	-13	-40.87	-77.09	-63.74	2.28	12.14	H
	6940	-49.81	-13	-36.81	-76.03	-58.37	2.40	10.96	H
									H
									H
									H
	3476	-54.66	-13	-41.66	-74.41	-65.14	1.85	12.33	V
	5205	-53.29	-13	-40.29	-77.02	-63.16	2.28	12.14	V
	6940	-49.07	-13	-36.07	-75.93	-57.63	2.40	10.96	V
									V
									V
									V
Highest	3525	-53.12	-13	-40.12	-73.03	-63.62	1.88	12.39	H
	5283	-52.68	-13	-39.68	-76.21	-62.59	2.24	12.16	H
	7044	-48.72	-13	-35.72	-75.64	-57.15	2.39	10.82	H
									H
									H
									H
	3525	-52.39	-13	-39.39	-72.78	-62.89	1.88	12.39	V
	5283	-53.07	-13	-40.07	-77.13	-62.98	2.24	12.16	V
	7044	-48.59	-13	-35.59	-76.12	-57.02	2.39	10.82	V
									V
									V
									V

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