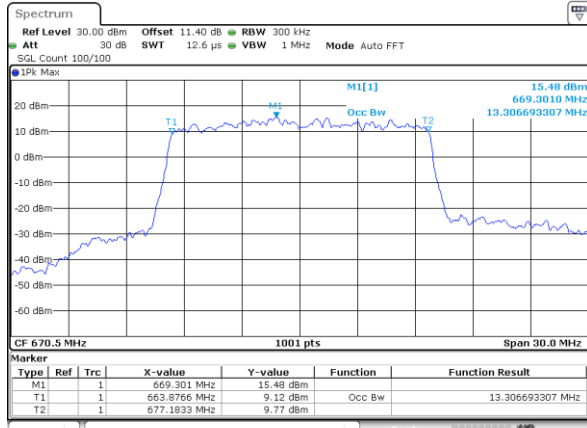




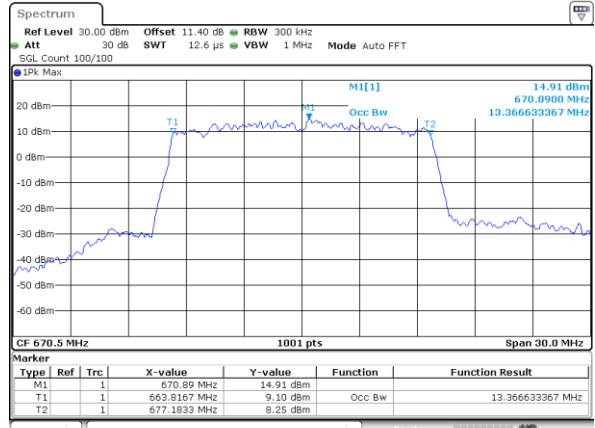
LTE Band 71

Lowest Channel / 15MHz / QPSK



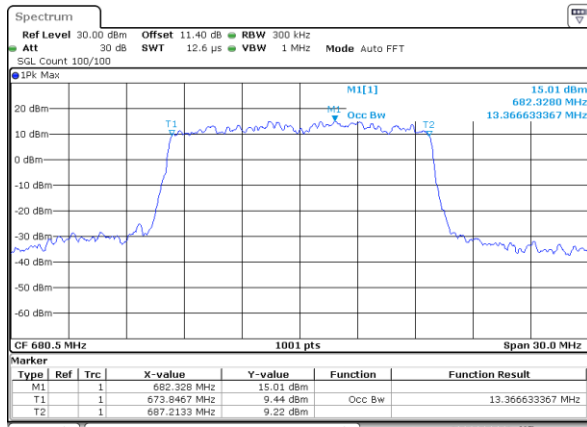
Date: 5 JUN 2020 07:49:38

Lowest Channel / 15MHz / 16QAM



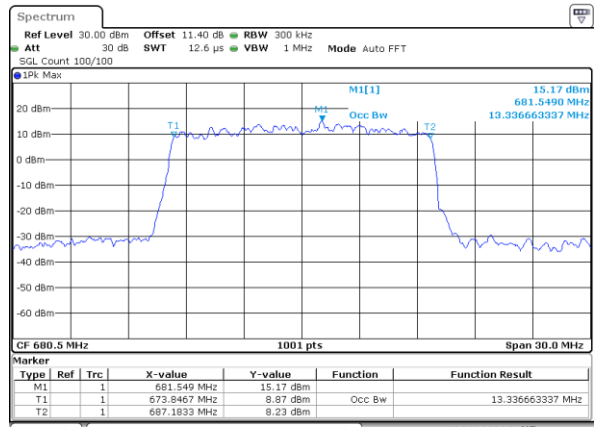
Date: 5 JUN 2020 07:49:50

Middle Channel / 15MHz / QPSK



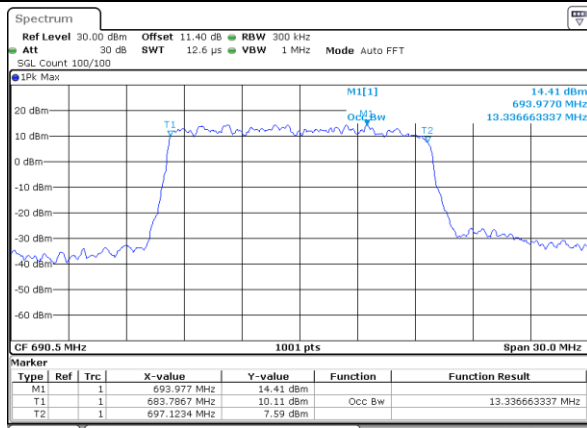
Date: 5 JUN 2020 07:55:39

Middle Channel / 15MHz / 16QAM



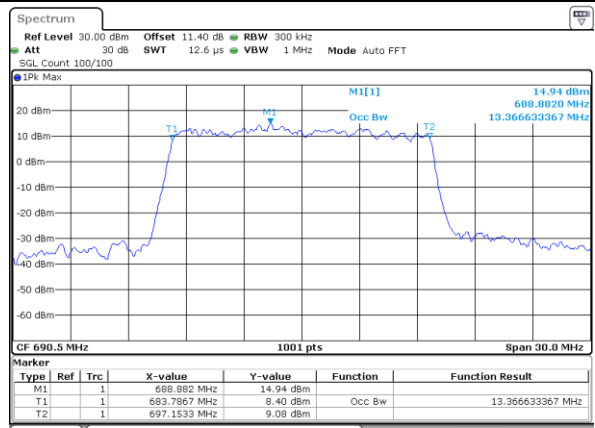
Date: 5 JUN 2020 07:55:51

Highest Channel / 15MHz / QPSK



Date: 5 JUN 2020 07:58:06

Highest Channel / 15MHz / 16QAM

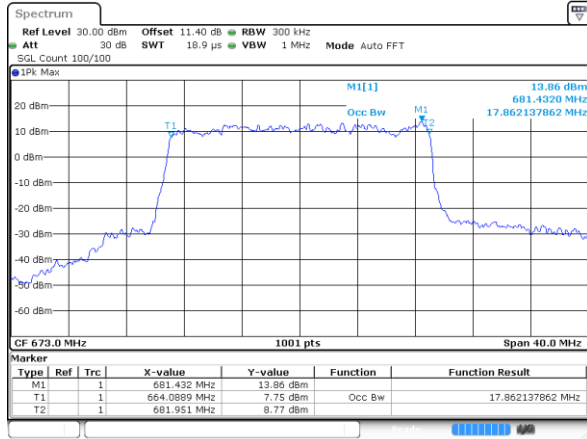


Date: 5 JUN 2020 07:58:18

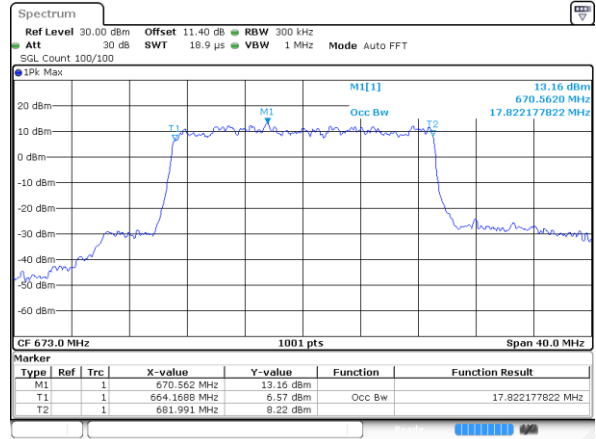


LTE Band 71

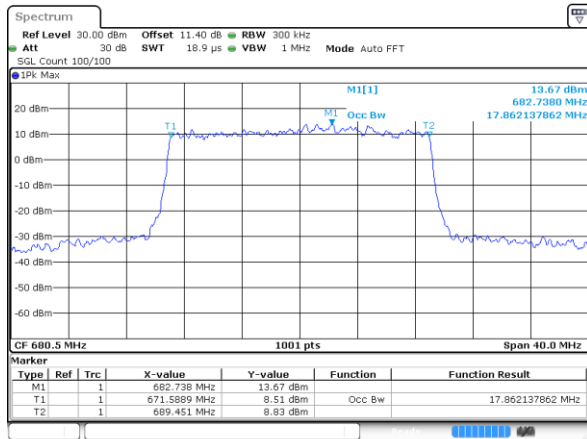
Lowest Channel / 20MHz / QPSK



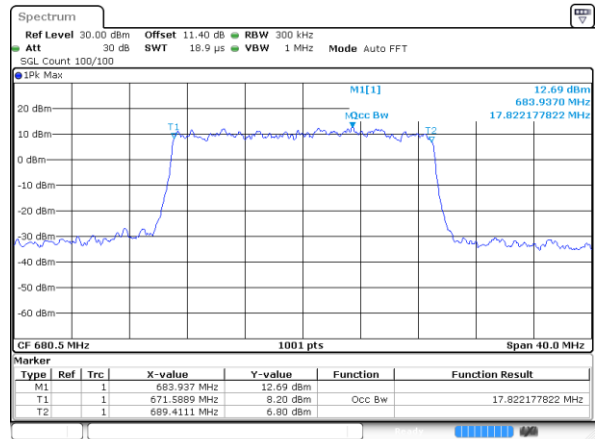
Lowest Channel / 20MHz / 16QAM



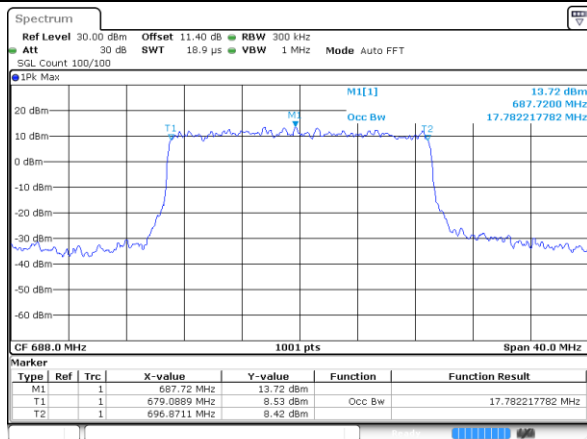
Middle Channel / 20MHz / QPSK



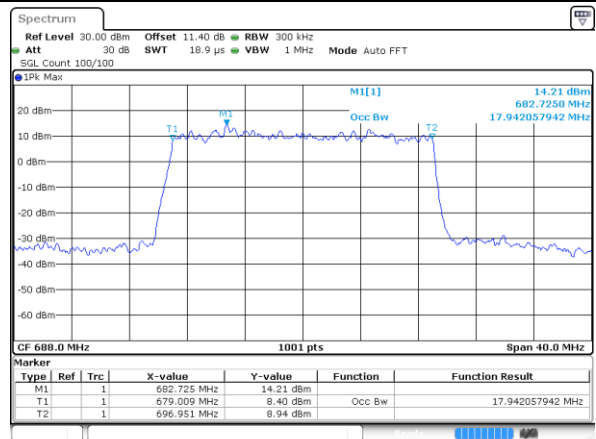
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



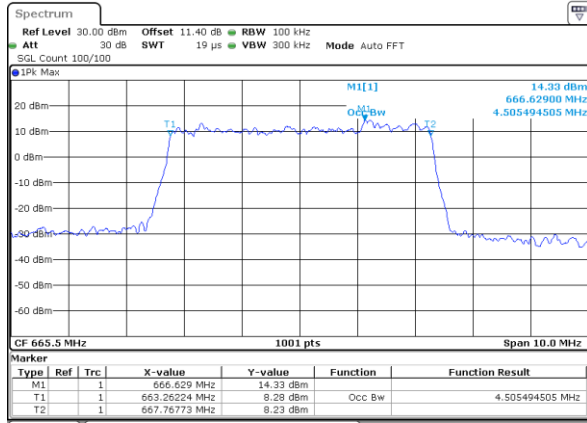
Highest Channel / 20MHz / 16QAM



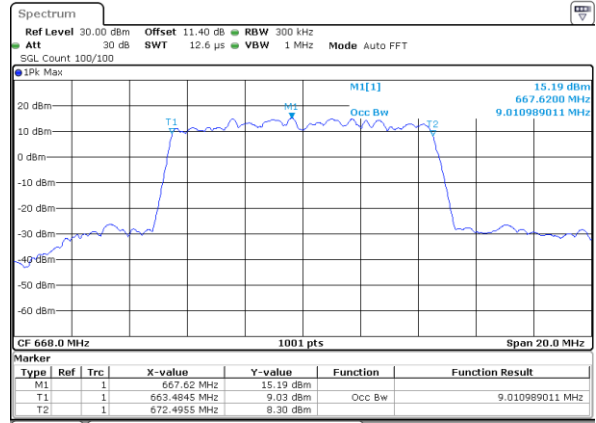


LTE Band 71

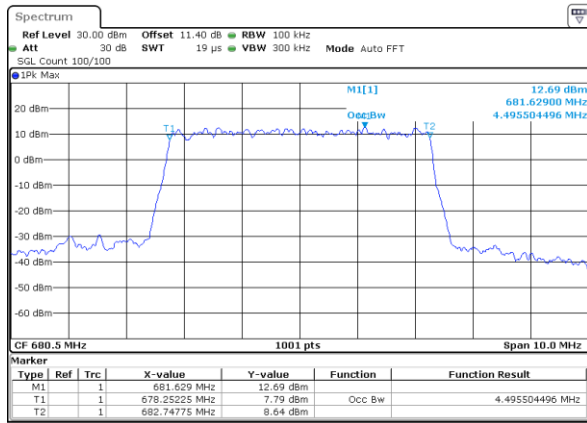
Lowest Channel / 5MHz / 64QAM



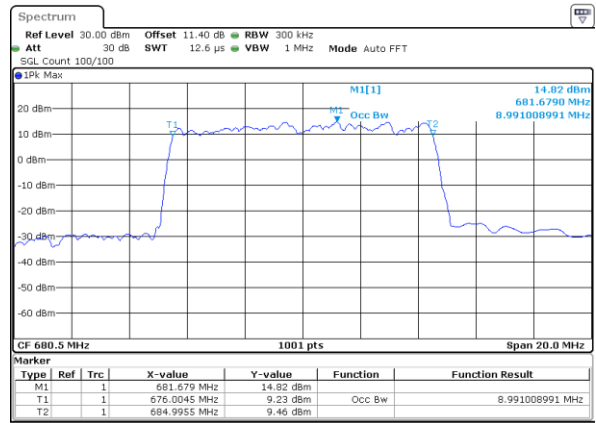
Lowest Channel / 10MHz / 64QAM



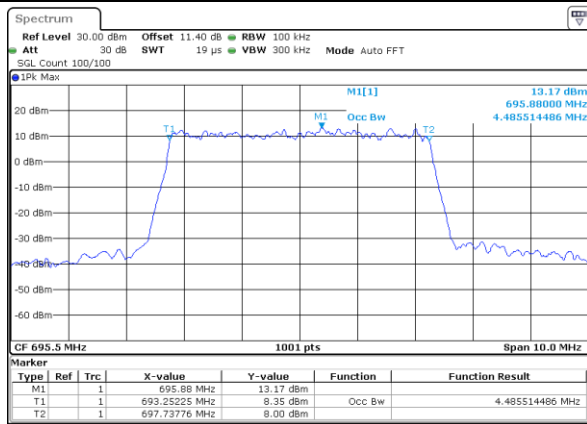
Middle Channel / 5MHz / 64QAM



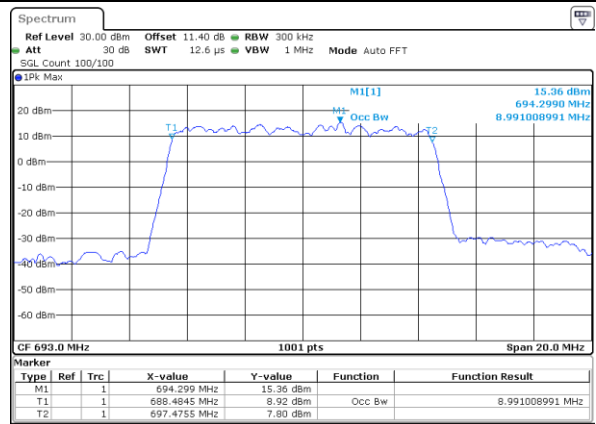
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



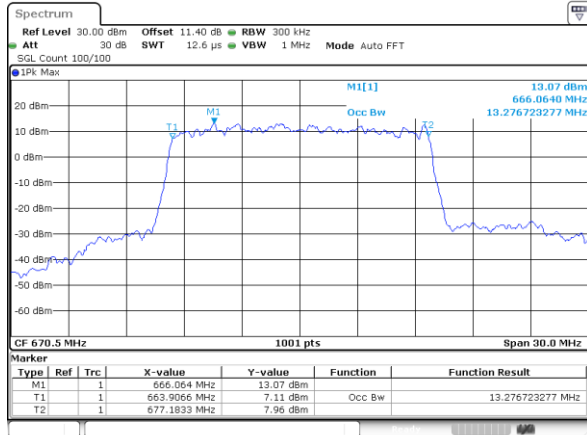
Highest Channel / 10MHz / 64QAM



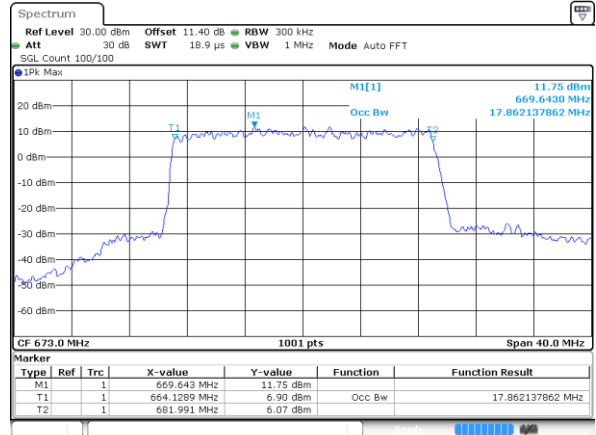


LTE Band 71

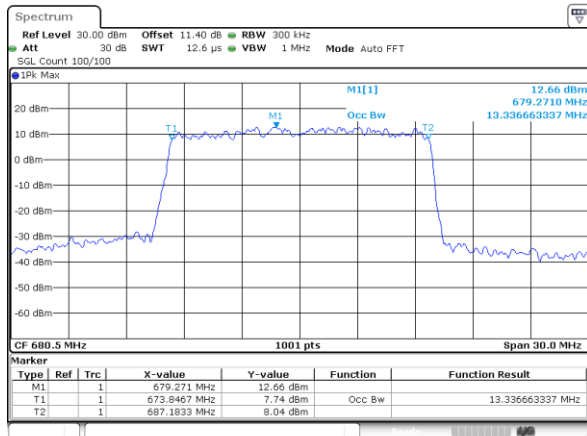
Lowest Channel / 15MHz / 64QAM



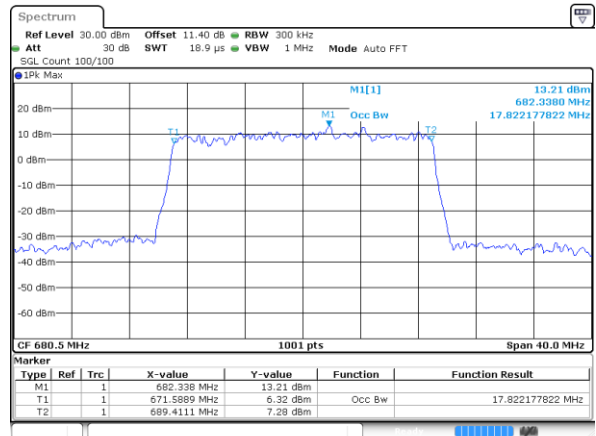
Lowest Channel / 20MHz / 64QAM



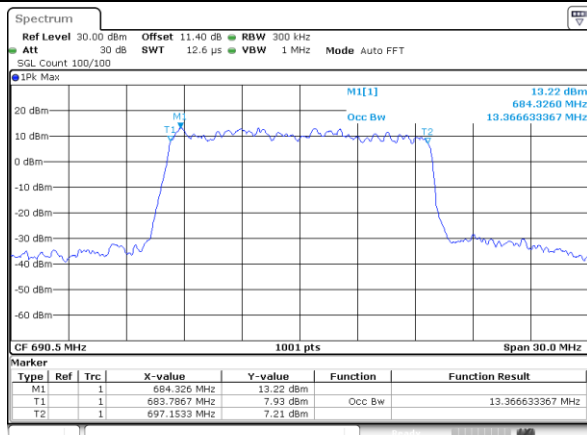
Middle Channel / 15MHz / 64QAM



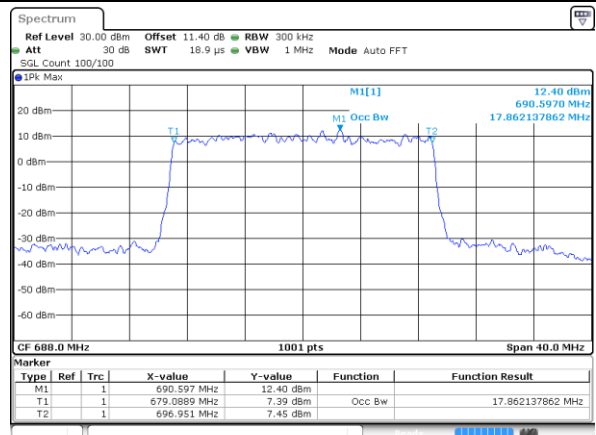
Middle Channel / 20MHz / 64QAM

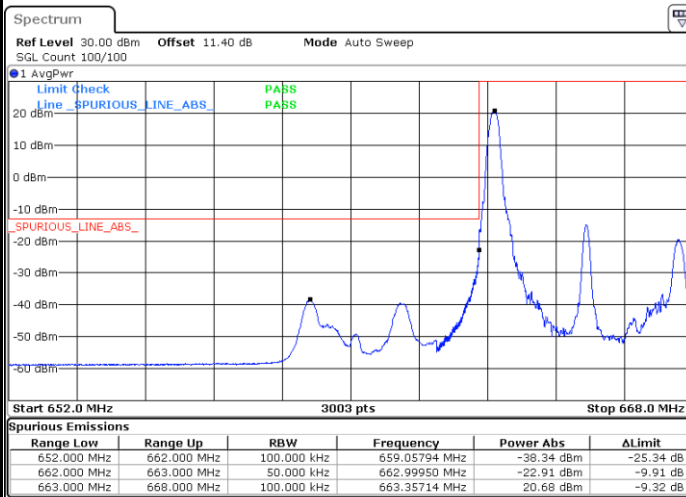
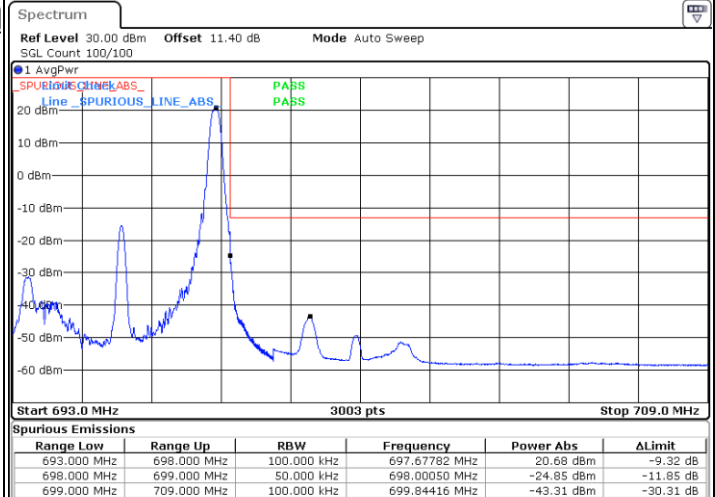
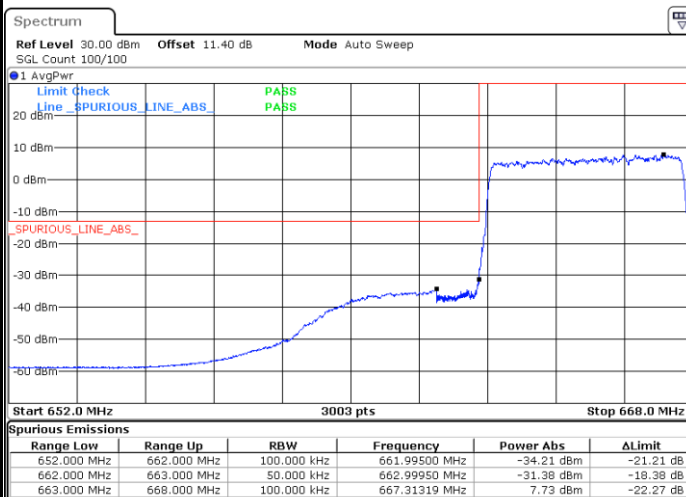
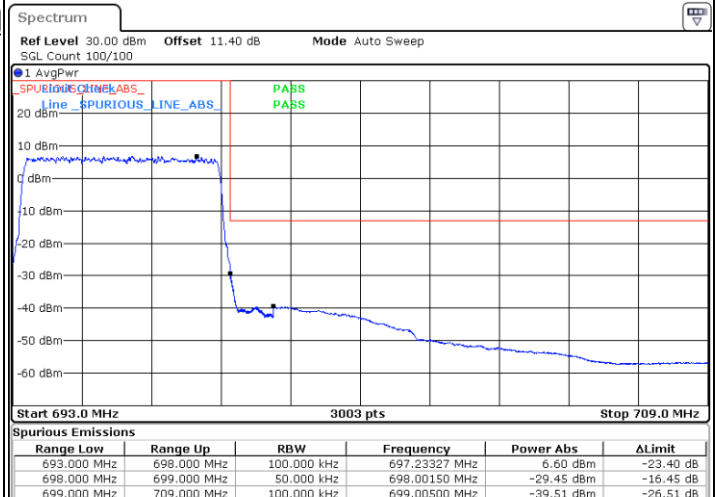


Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

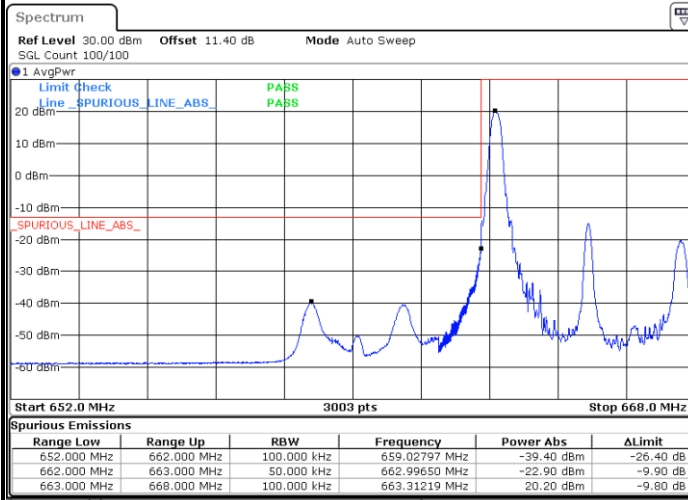


**Conducted Band Edge****LTE Band 71 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

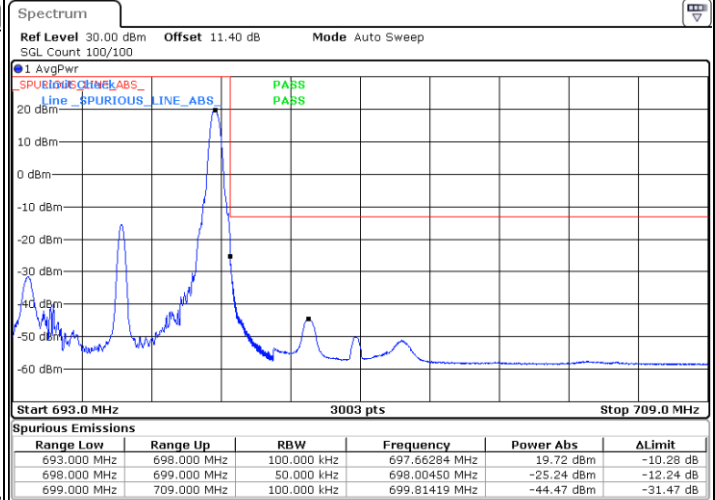


LTE Band 71 / 5MHz / 16QAM

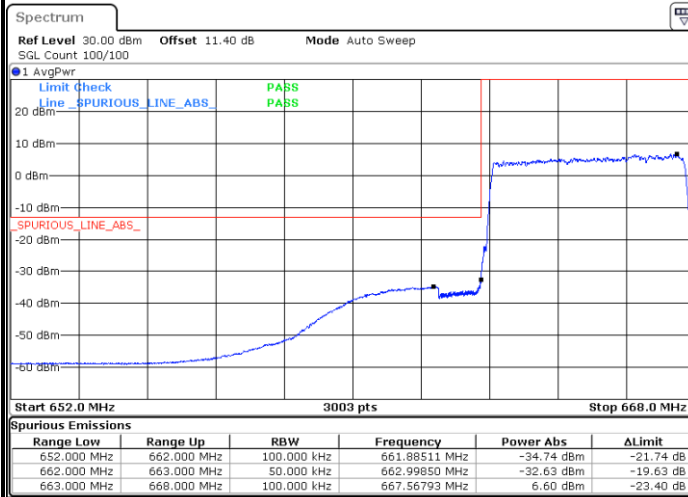
Lowest Band Edge / 1 RB



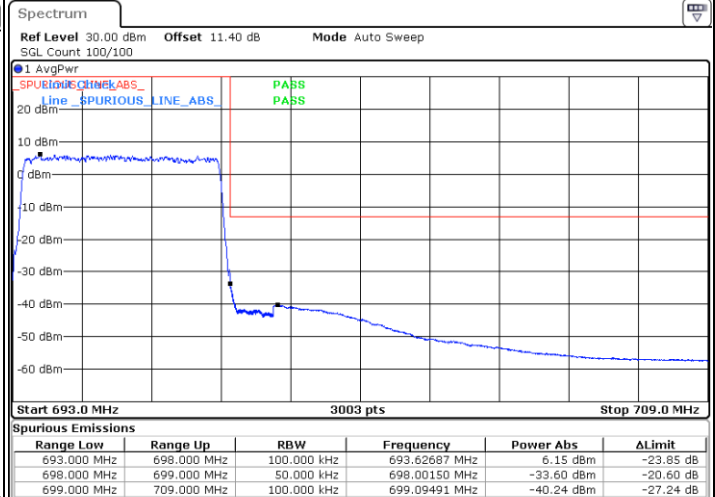
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



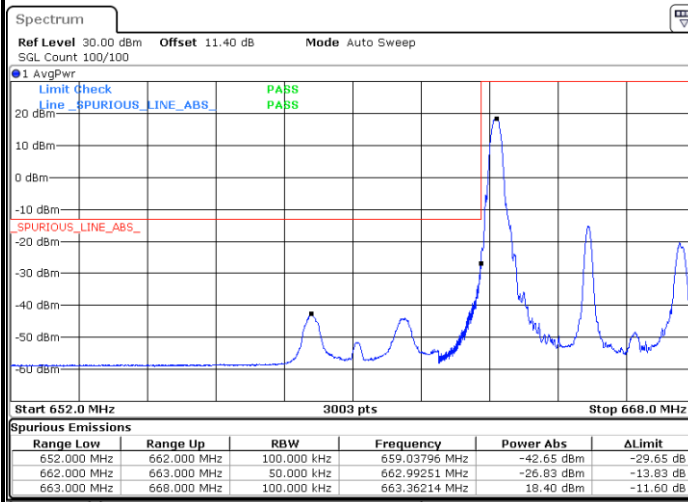
Highest Band Edge / Full RB



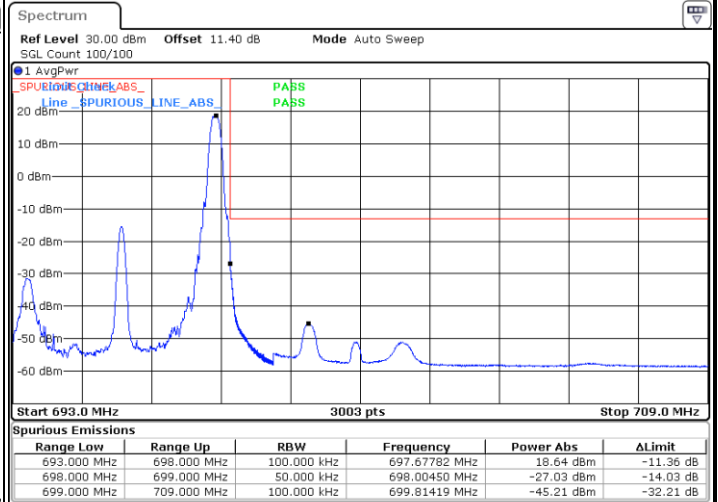


LTE Band 71 / 5MHz / 64QAM

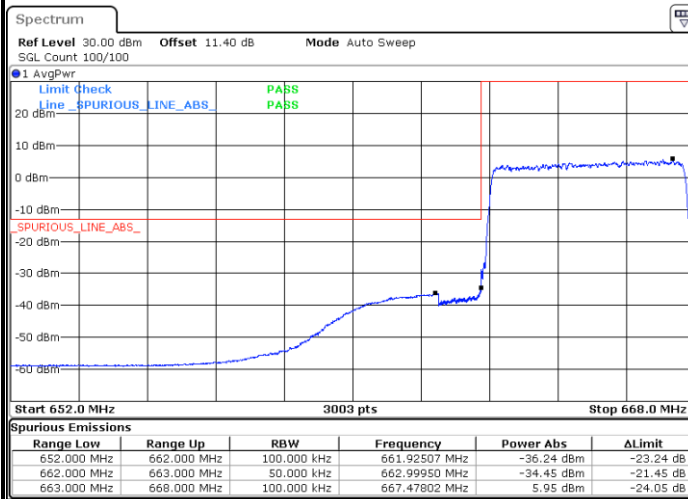
Lowest Band Edge / 1RB



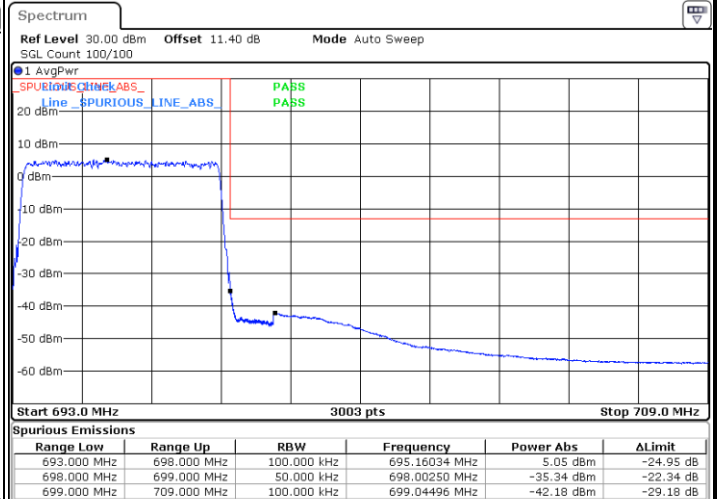
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



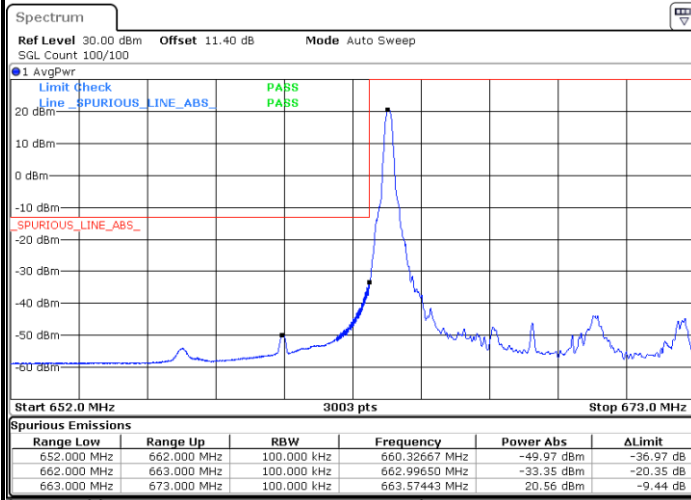
Highest Band Edge / Full RB



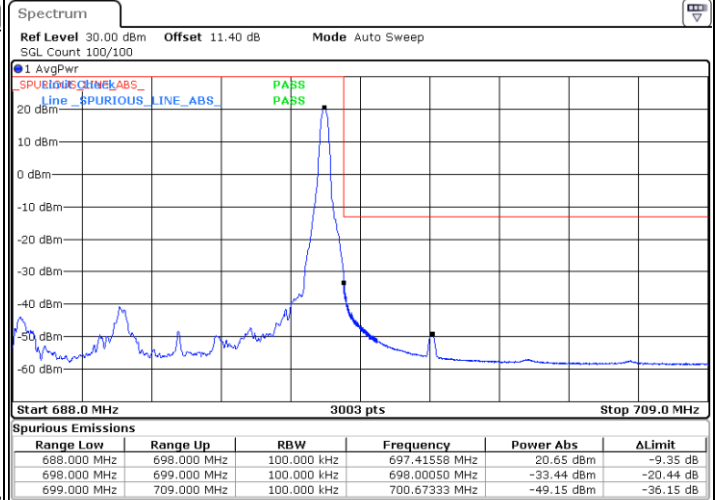


LTE Band 71 / 10MHz / QPSK

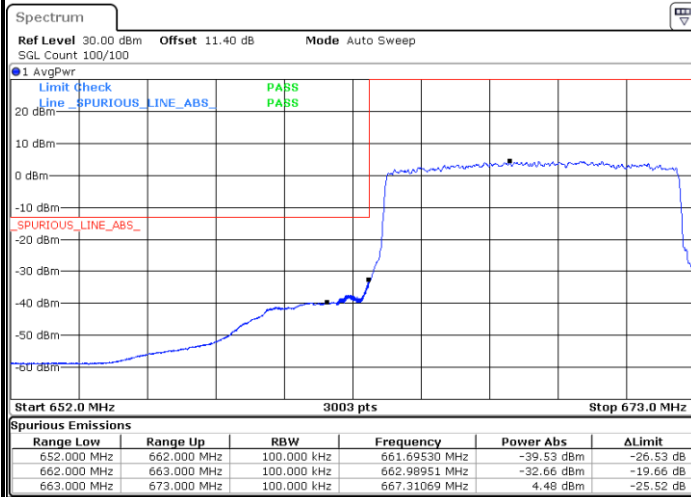
Lowest Band Edge / 1 RB



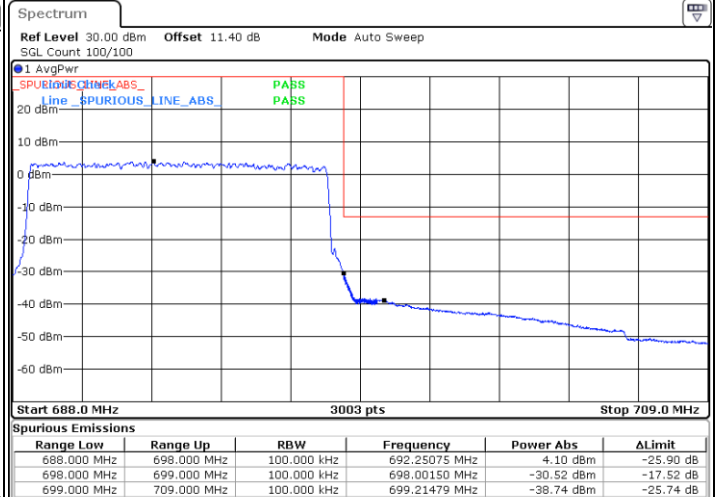
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



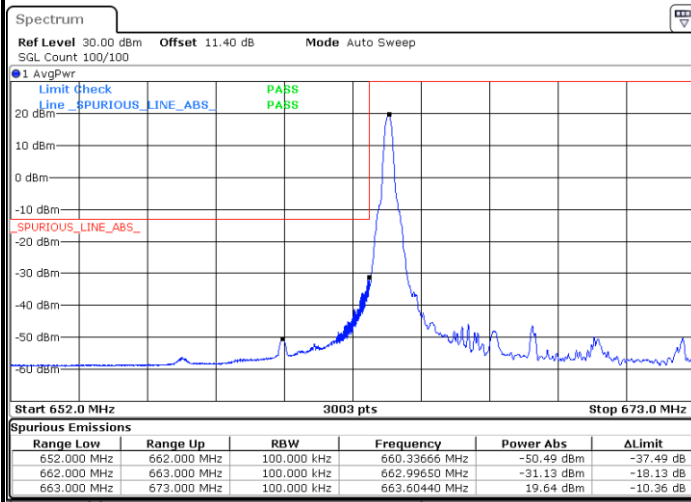
Highest Band Edge / Full RB



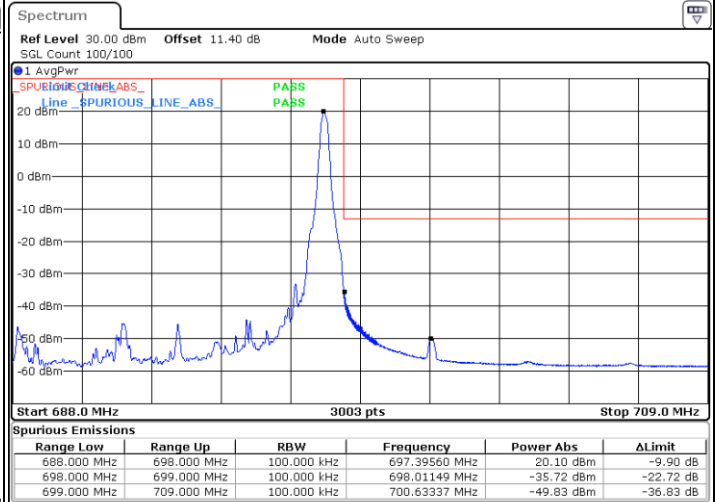


LTE Band 71 / 10MHz / 16QAM

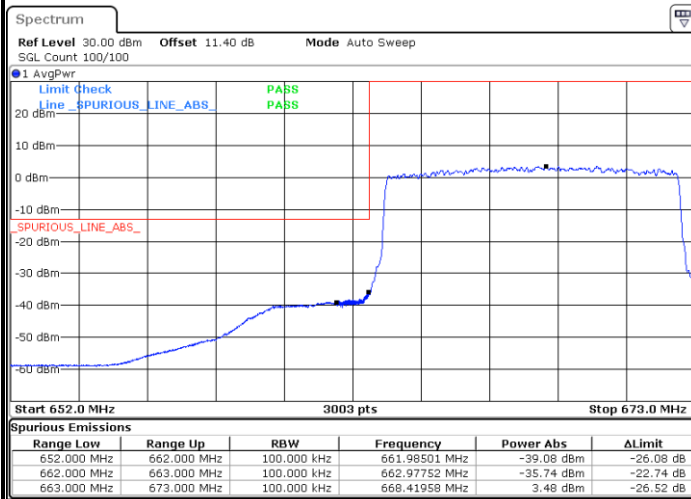
Lowest Band Edge / 1 RB



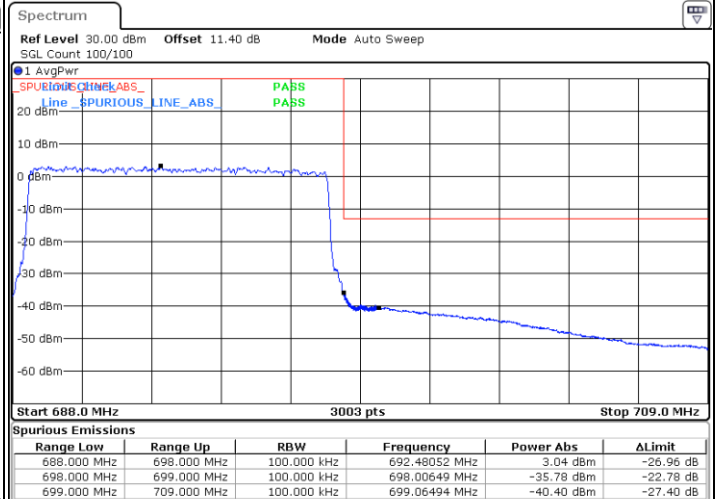
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



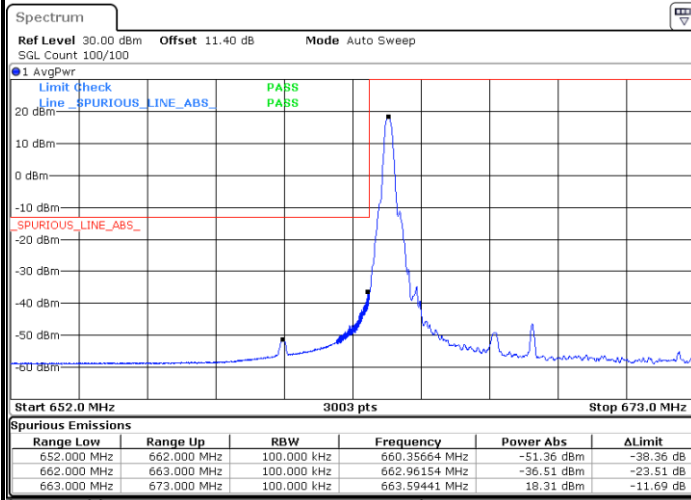
Highest Band Edge / Full RB



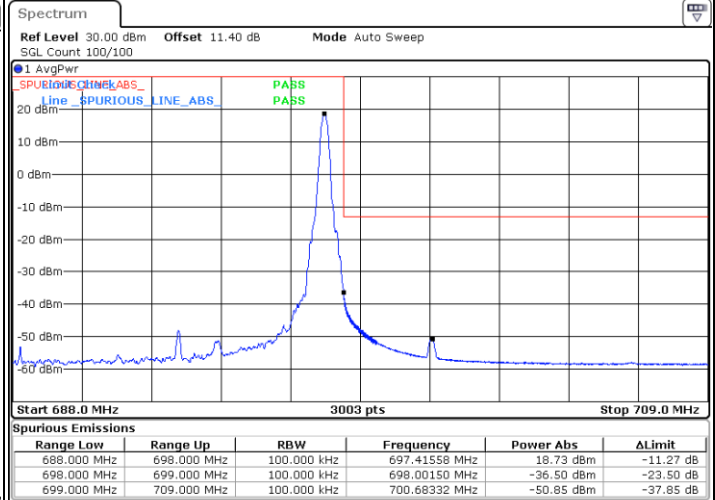


LTE Band 71 / 10MHz / 64QAM

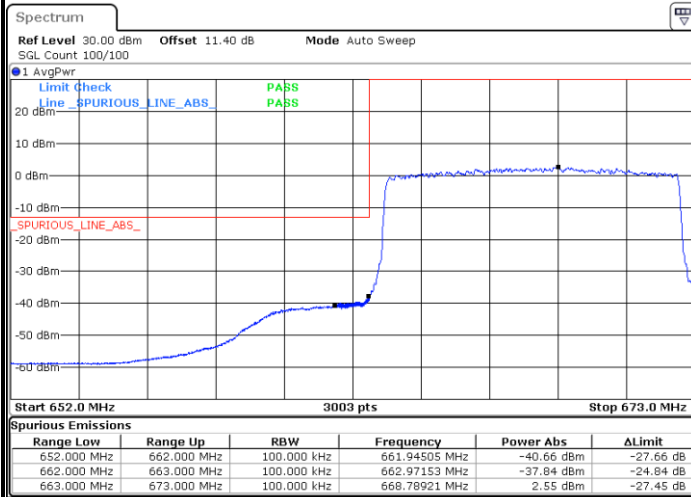
Lowest Band Edge / 1 RB



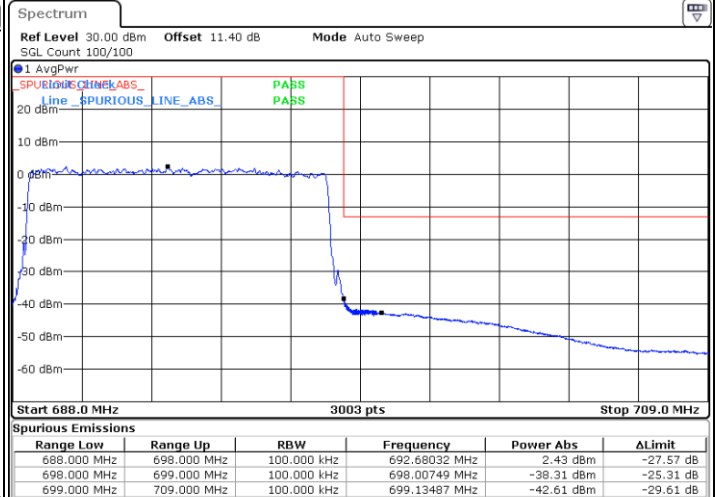
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



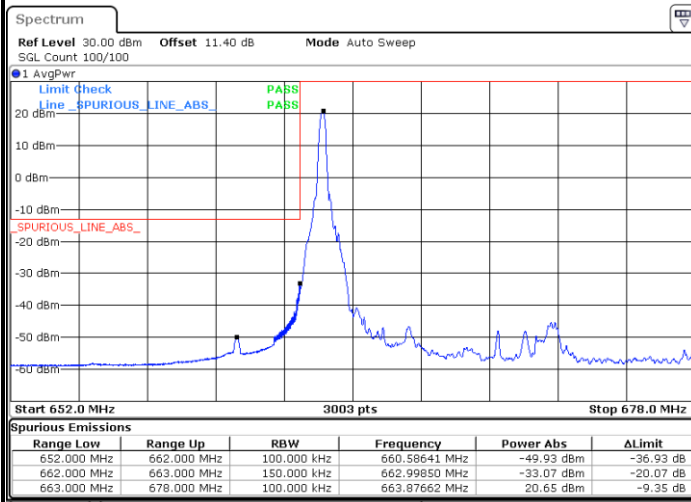
Highest Band Edge / Full RB



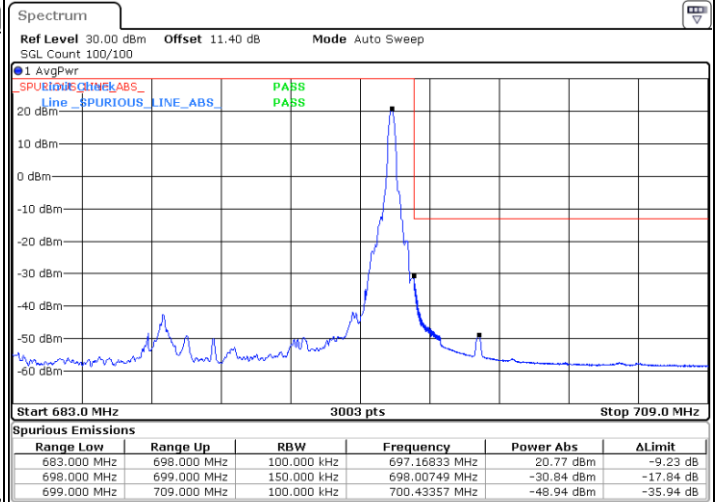


LTE Band 71 / 15MHz / QPSK

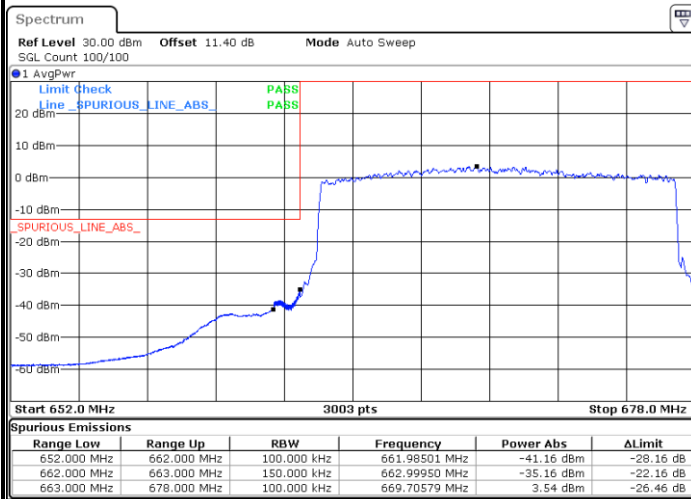
Lowest Band Edge / 1 RB



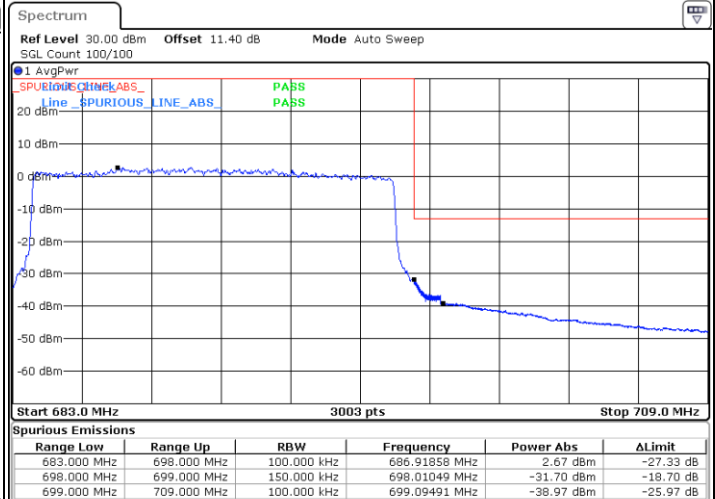
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



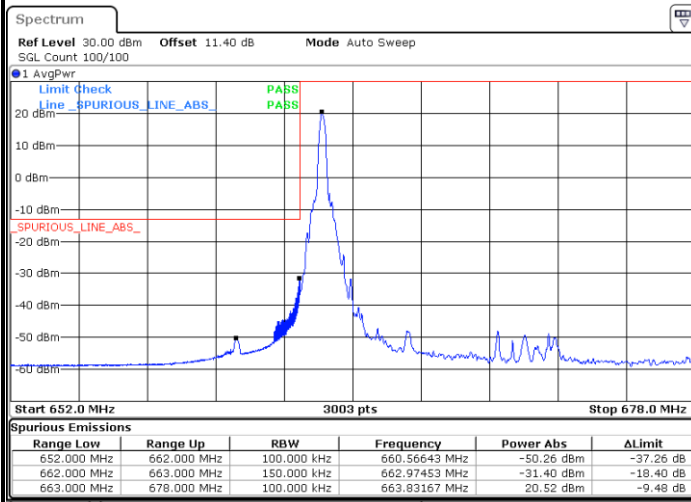
Highest Band Edge / Full RB



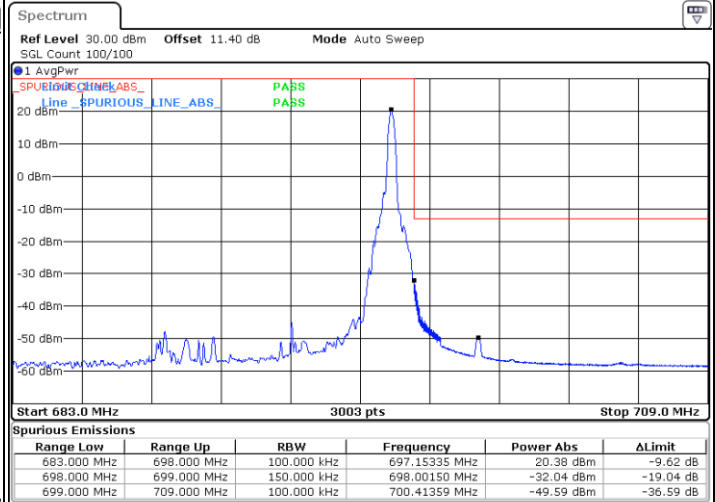


LTE Band 71 / 15MHz / 16QAM

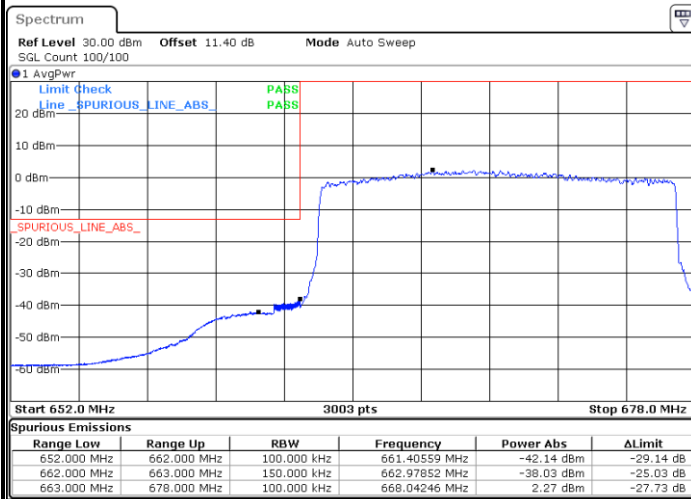
Lowest Band Edge / 1 RB



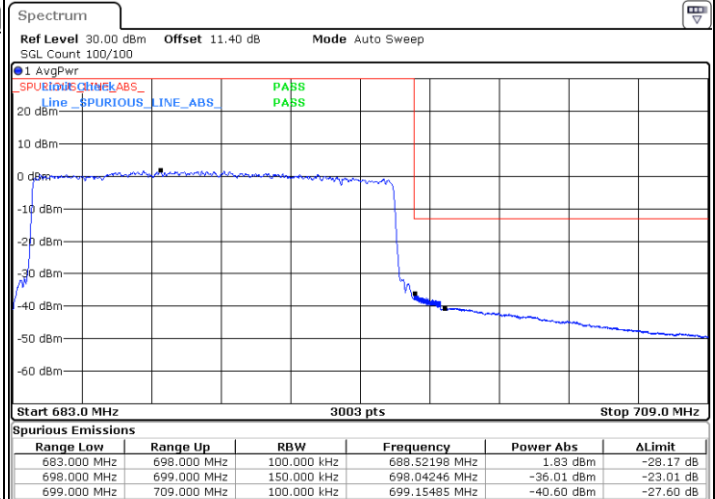
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



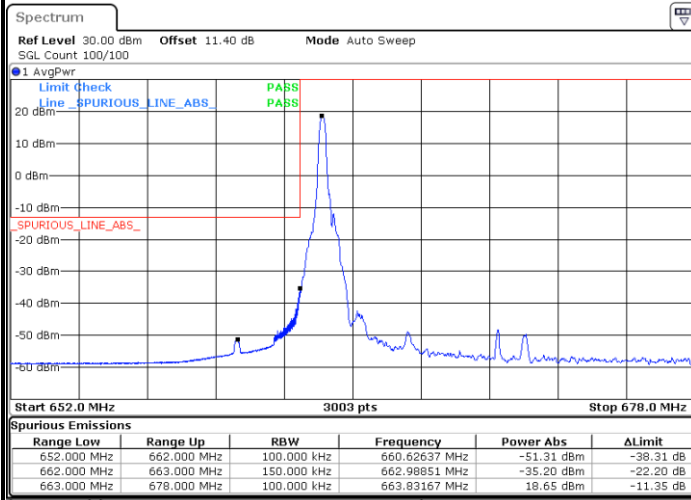
Highest Band Edge / Full RB



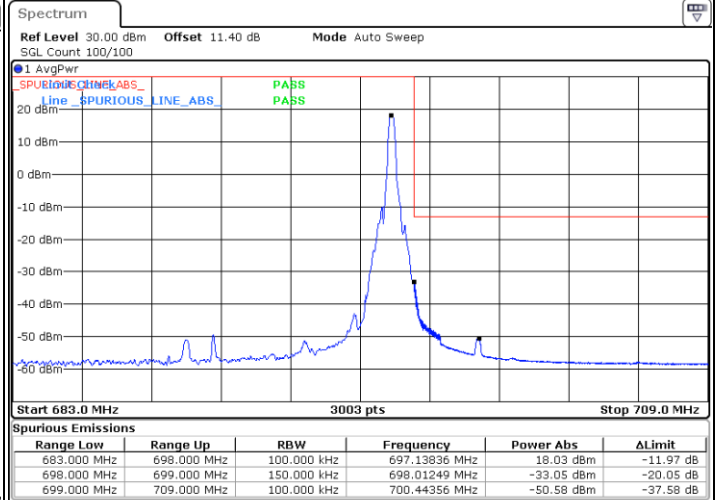


LTE Band 71 / 15MHz / 64QAM

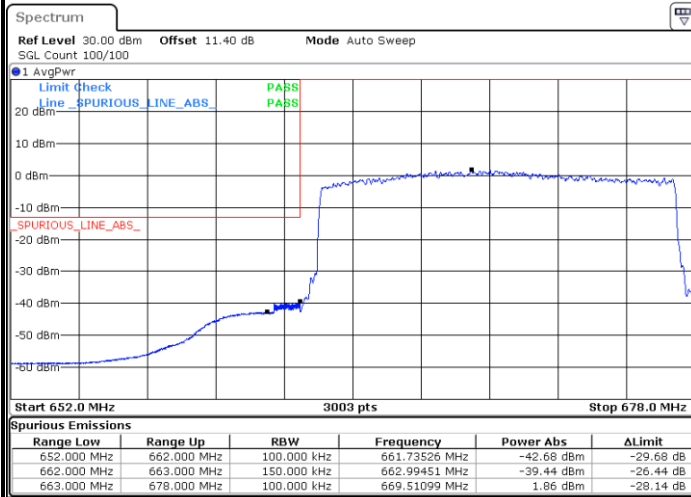
Lowest Band Edge / 1 RB



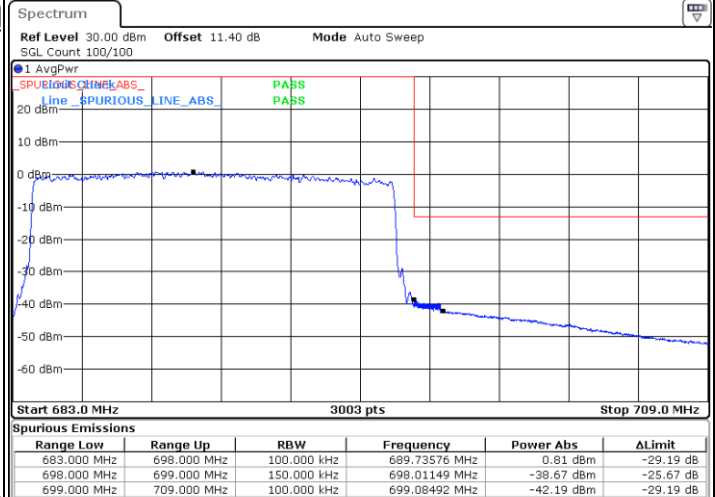
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



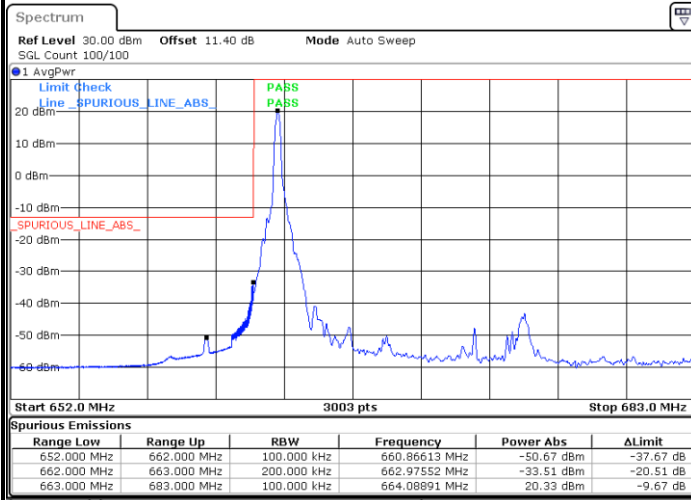
Highest Band Edge / Full RB



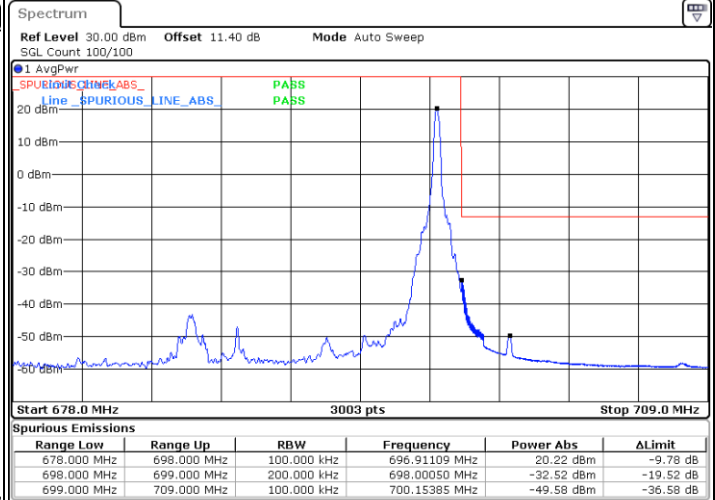


LTE Band 71 / 20MHz / QPSK

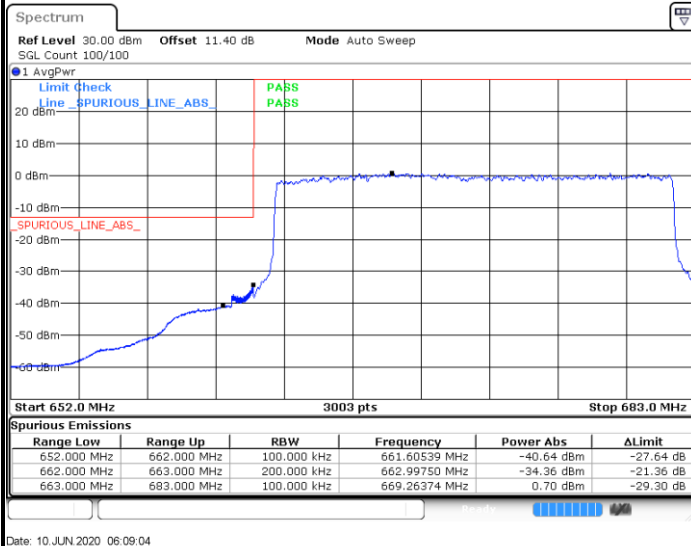
Lowest Band Edge / 1 RB



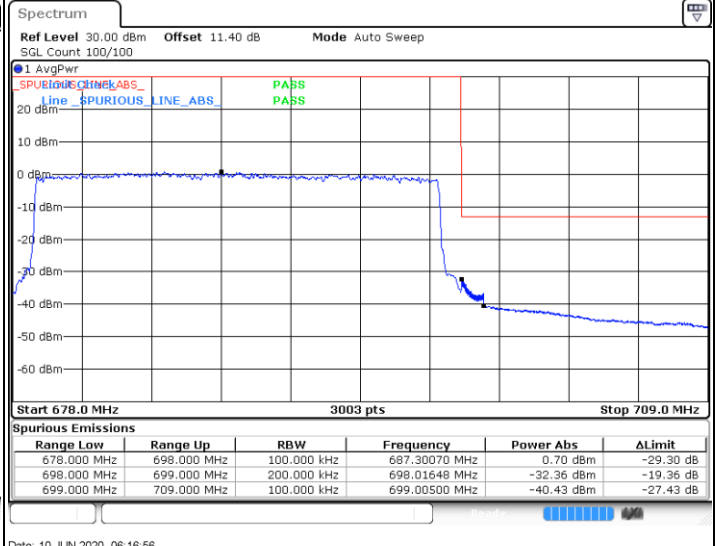
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



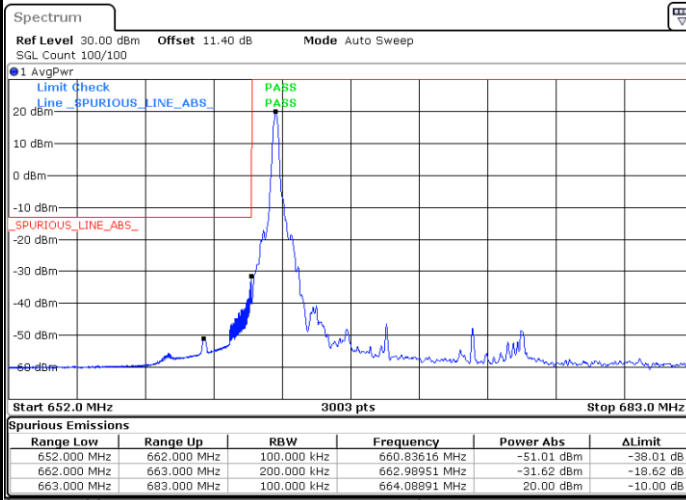
Highest Band Edge / Full RB



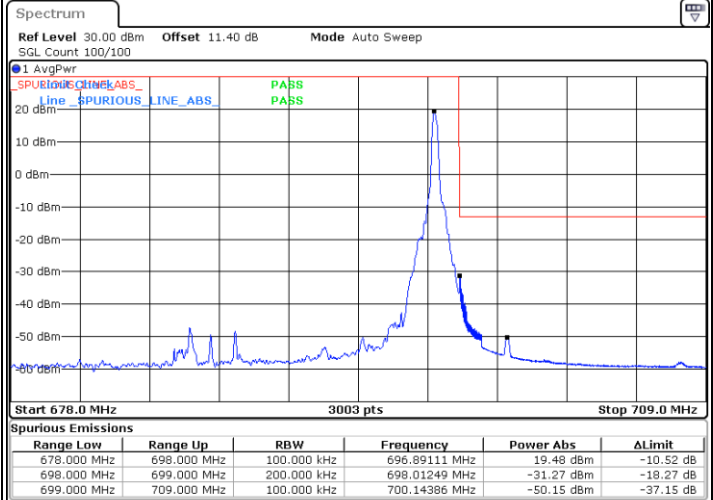


LTE Band 71 / 20MHz / 16QAM

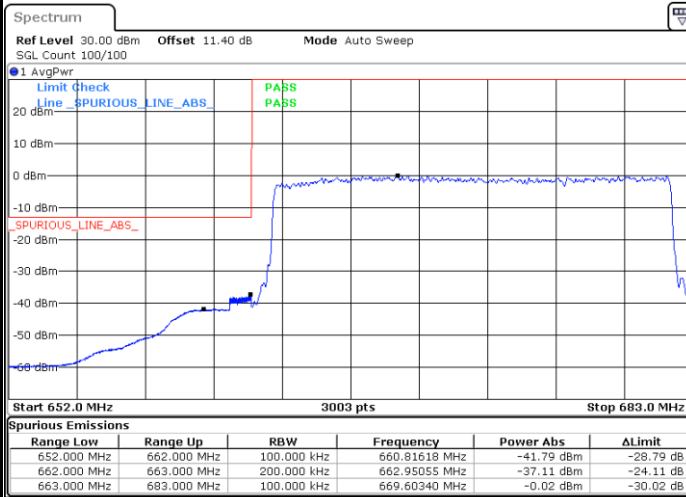
Lowest Band Edge / 1 RB



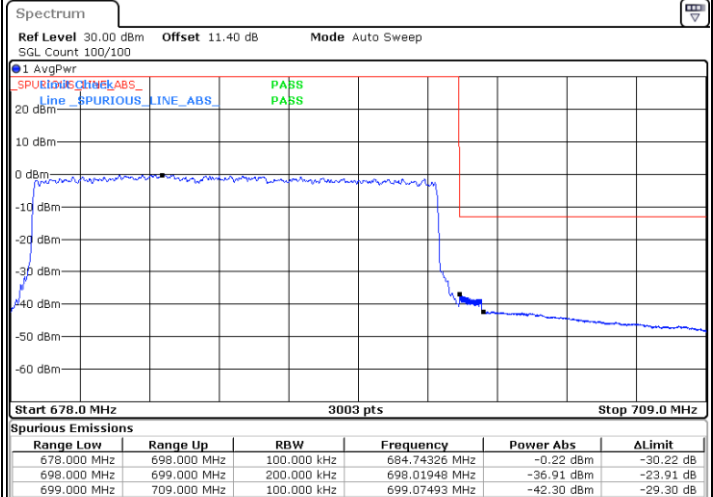
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



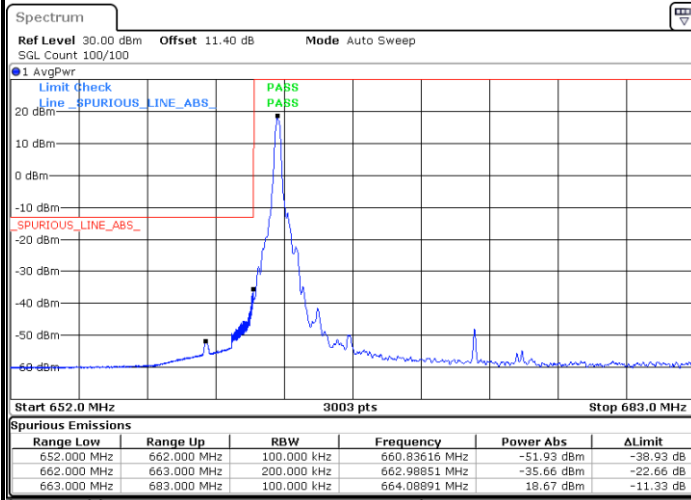
Highest Band Edge / Full RB



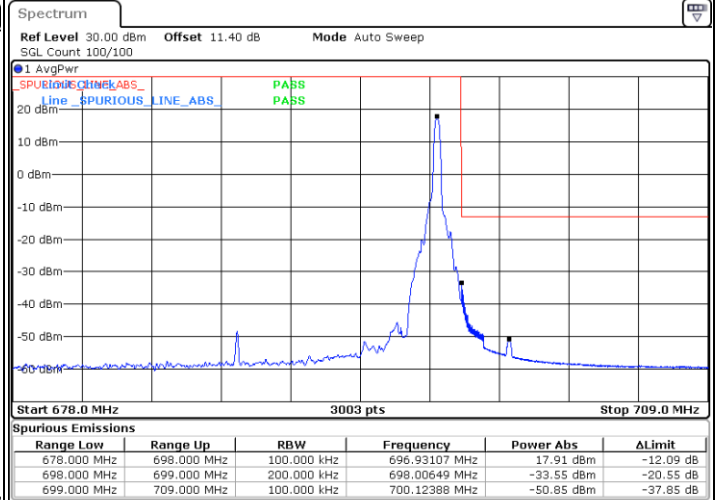


LTE Band 71 / 20MHz / 64QAM

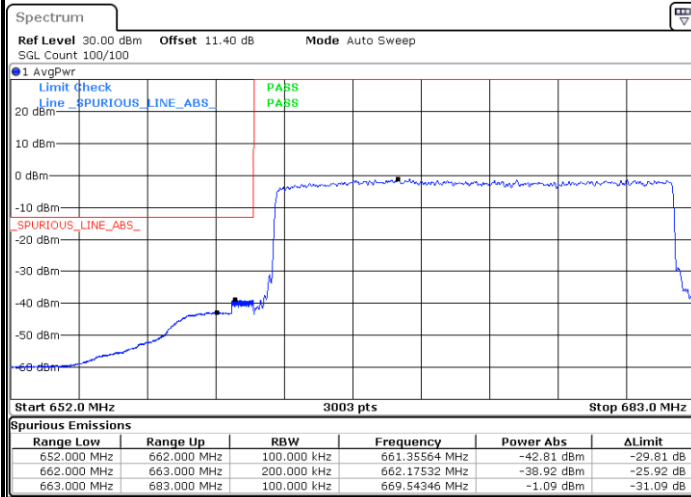
Lowest Band Edge / 1 RB



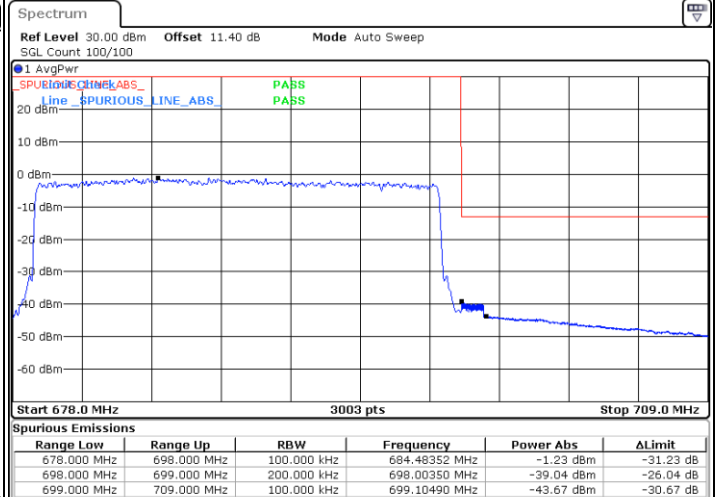
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

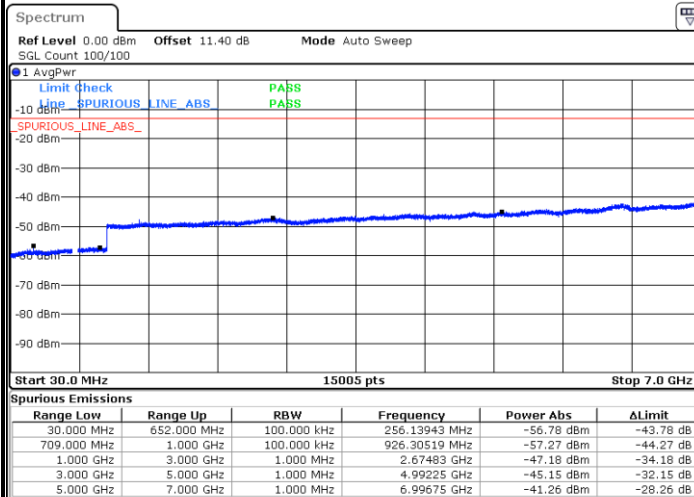




Conducted Spurious Emission

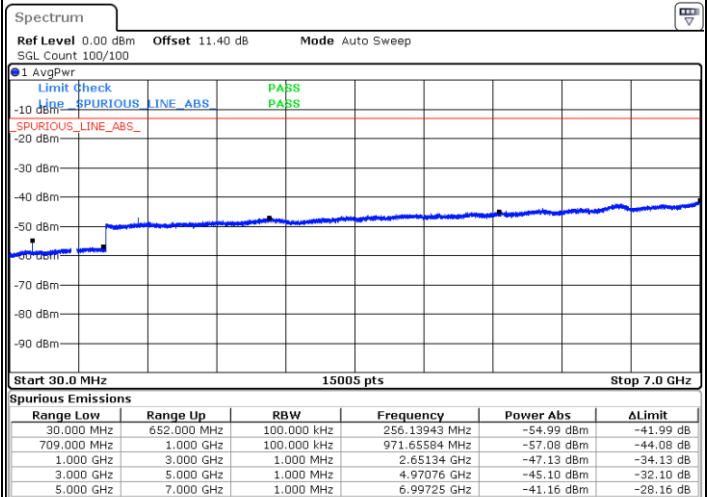
LTE Band 71 / 5MHz

Lowest Channel / QPSK



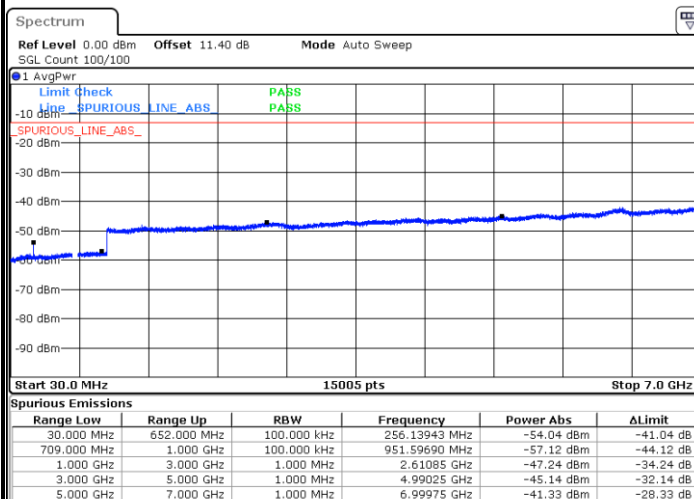
Date: 5 JUN.2020 07:11:07

Lowest Channel / 16QAM



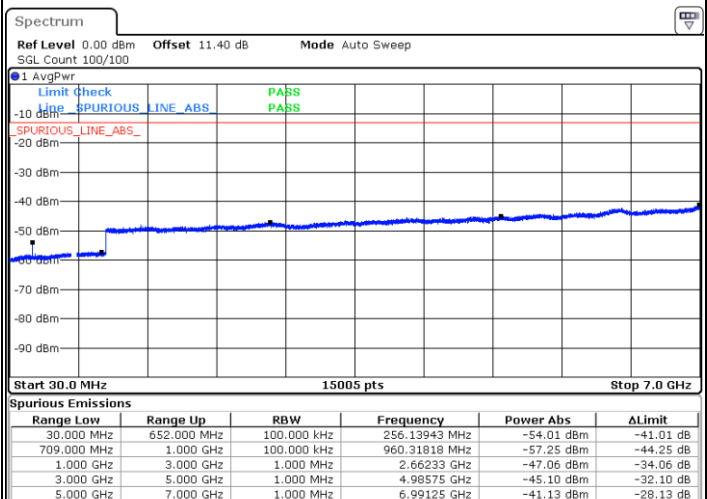
Date: 5 JUN.2020 07:11:57

Middle Channel / QPSK



Date: 5 JUN.2020 07:13:34

Middle Channel / 16QAM

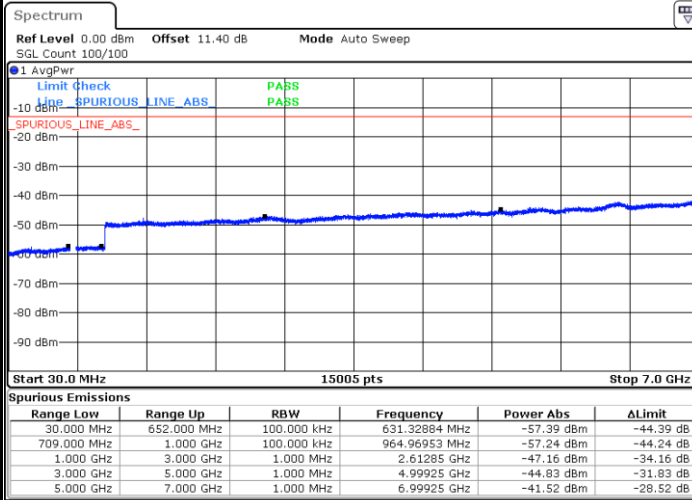


Date: 5 JUN.2020 07:14:24



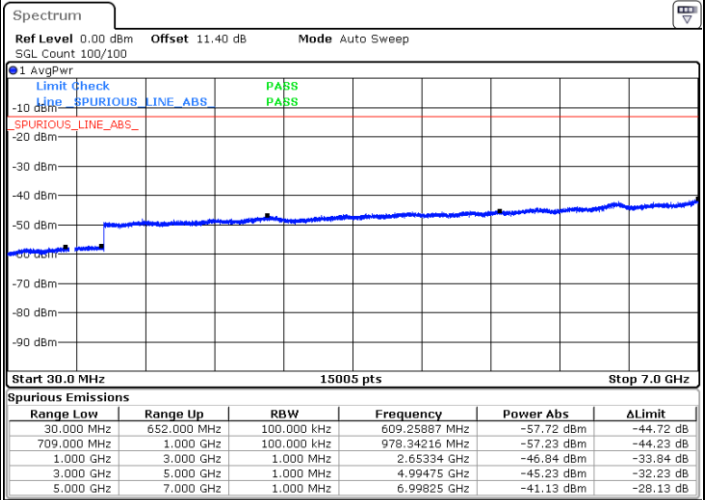
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 5 JUN.2020 07:19:36

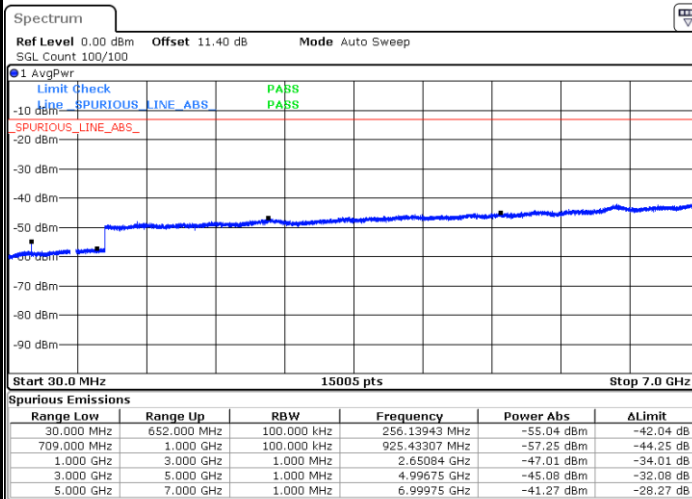
Highest Channel / 16QAM



Date: 5 JUN.2020 07:20:26

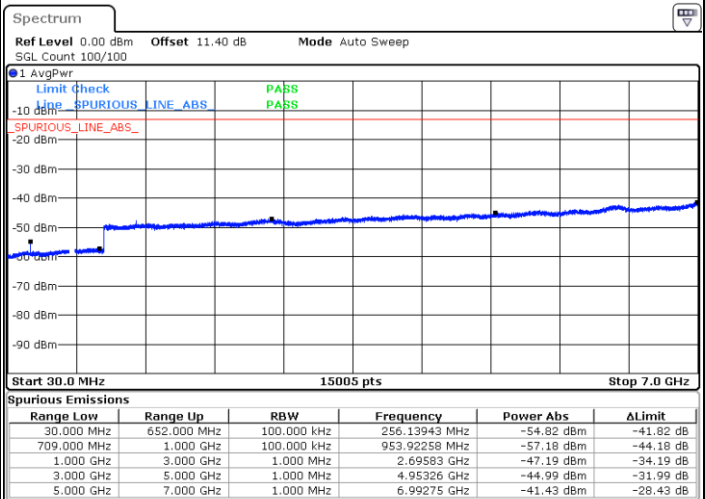
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 5 JUN.2020 07:32:51

Lowest Channel / 16QAM

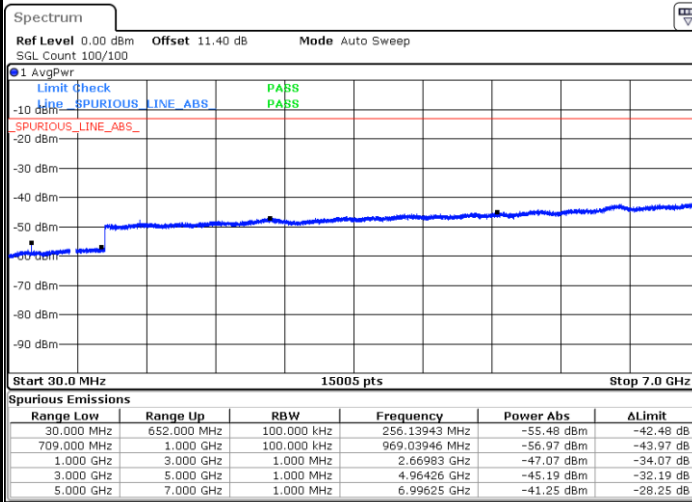


Date: 5 JUN.2020 07:33:42



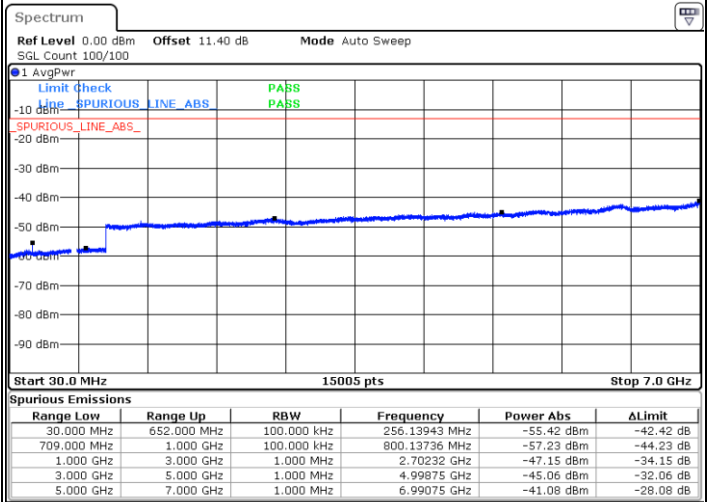
LTE Band 71 / 10MHz

Middle Channel / QPSK



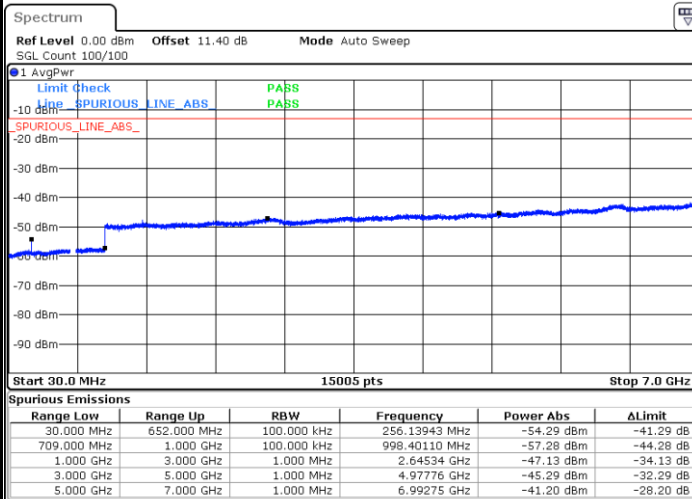
Date: 5 JUN.2020 07:35:18

Middle Channel / 16QAM



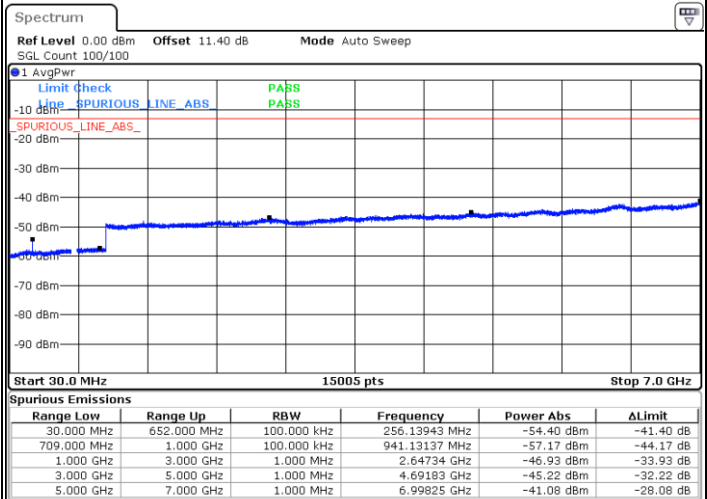
Date: 5 JUN.2020 07:36:08

Highest Channel / QPSK



Date: 5 JUN.2020 07:41:20

Highest Channel / 16QAM

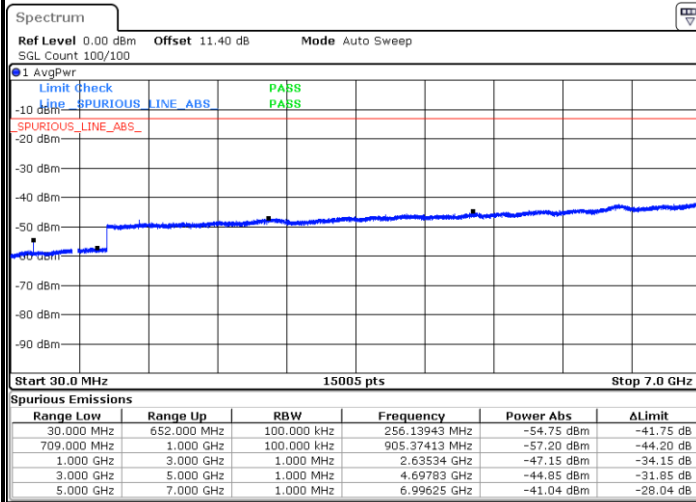


Date: 5 JUN.2020 07:42:11



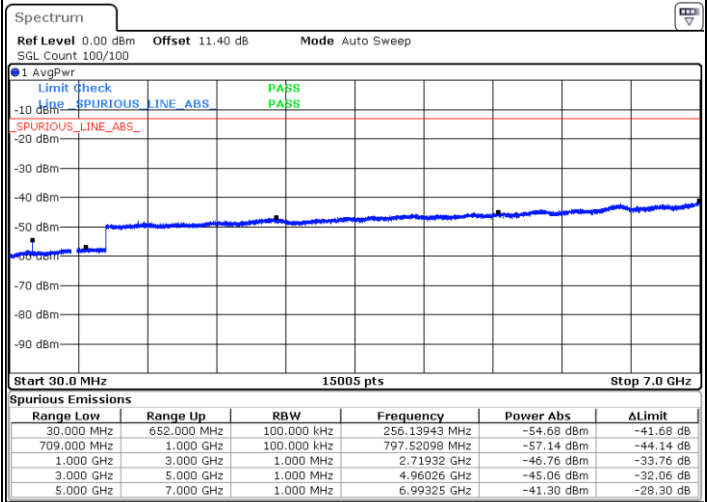
LTE Band 71 / 15MHz

Lowest Channel / QPSK



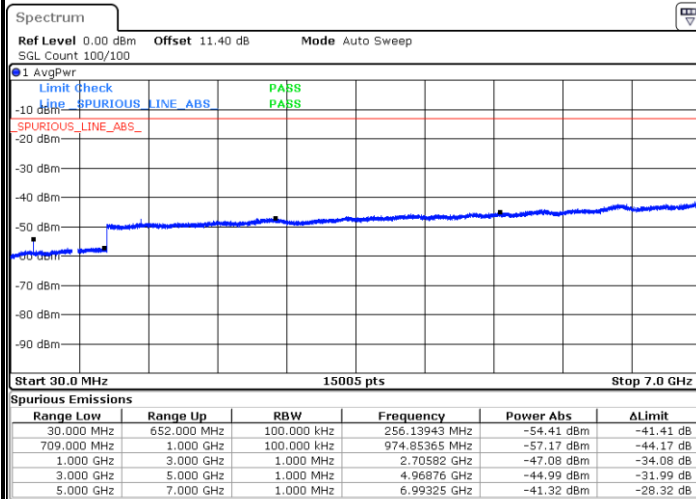
Date: 5 JUN 2020 07:54:36

Lowest Channel / 16QAM



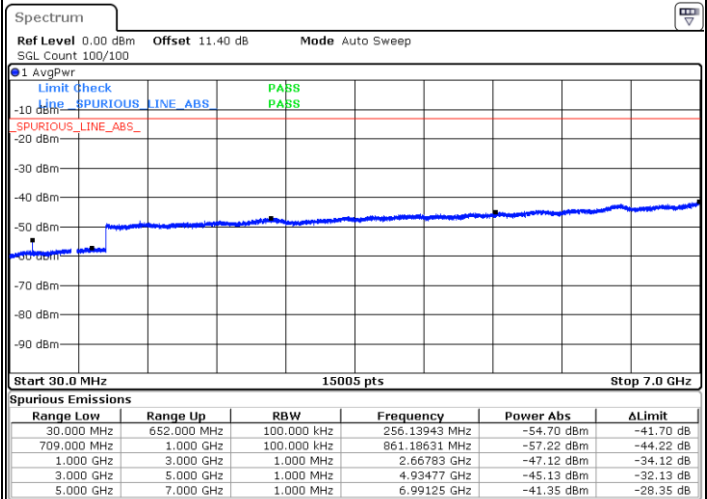
Date: 5 JUN 2020 07:55:27

Middle Channel / QPSK



Date: 5 JUN 2020 07:57:03

Middle Channel / 16QAM

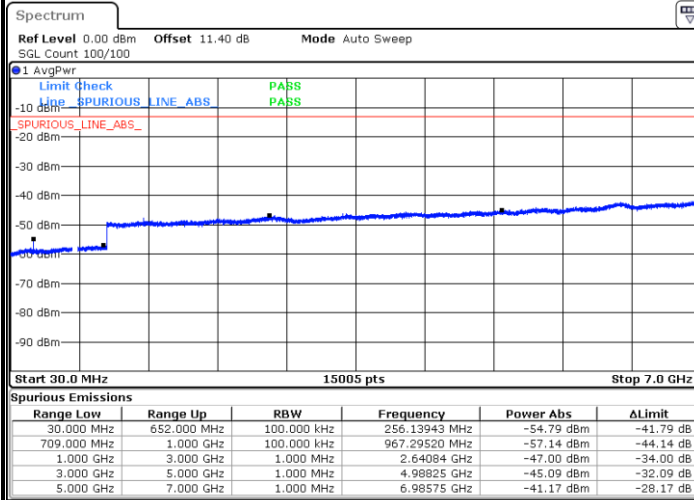


Date: 5 JUN 2020 07:57:53



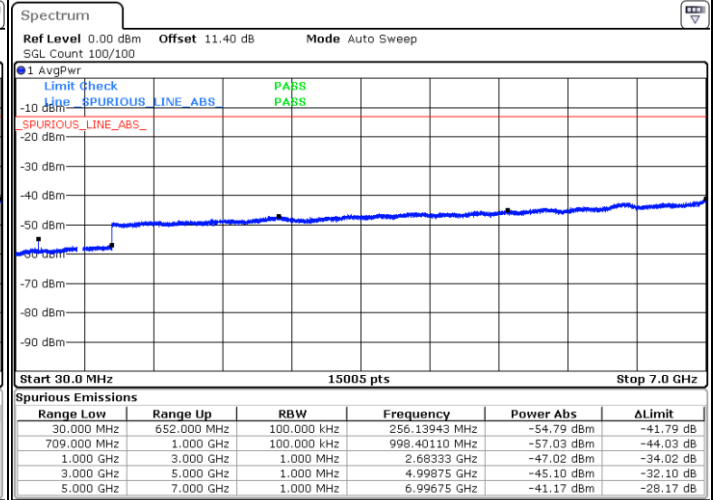
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 5 JUN 2020 08:03:06

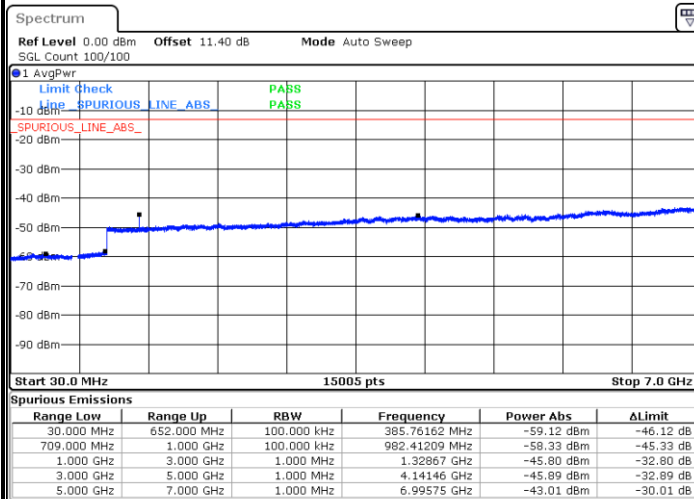
Highest Channel / 16QAM



Date: 5 JUN 2020 08:03:56

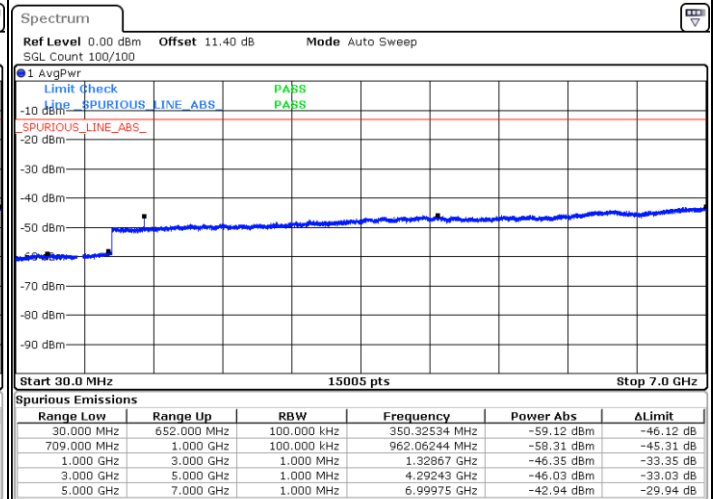
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 10 JUN 2020 06:10:29

Lowest Channel / 16QAM

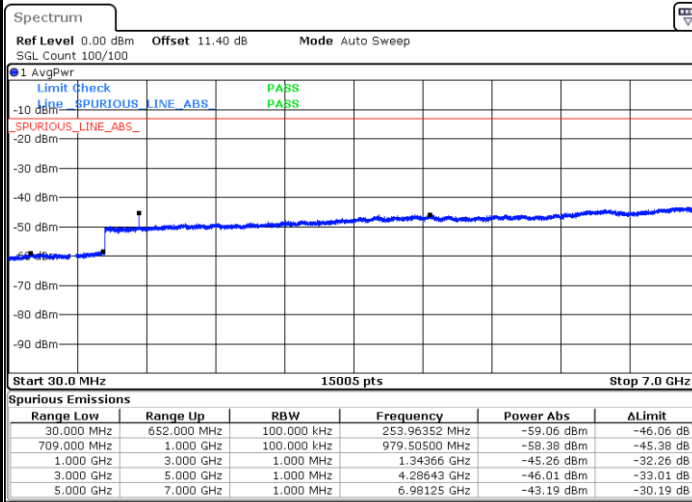


Date: 10 JUN 2020 06:11:09



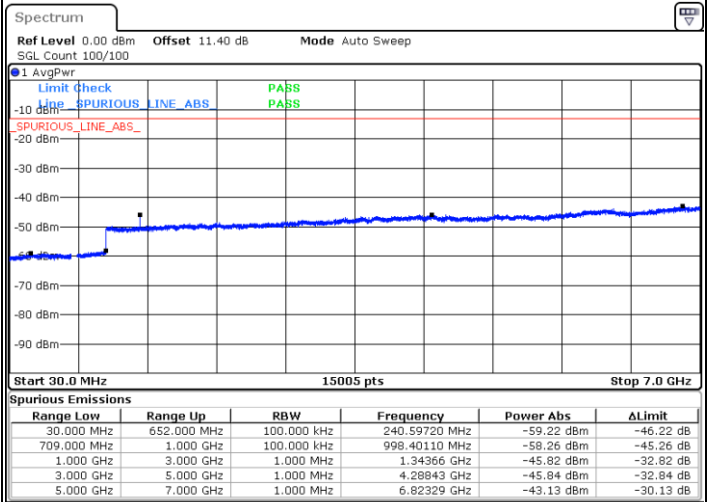
LTE Band 71 / 20MHz

Middle Channel / QPSK



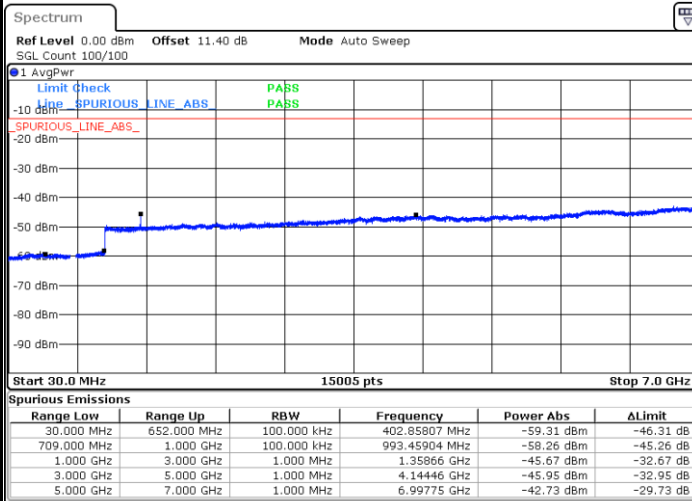
Date: 10 JUN 2020 06:12:35

Middle Channel / 16QAM



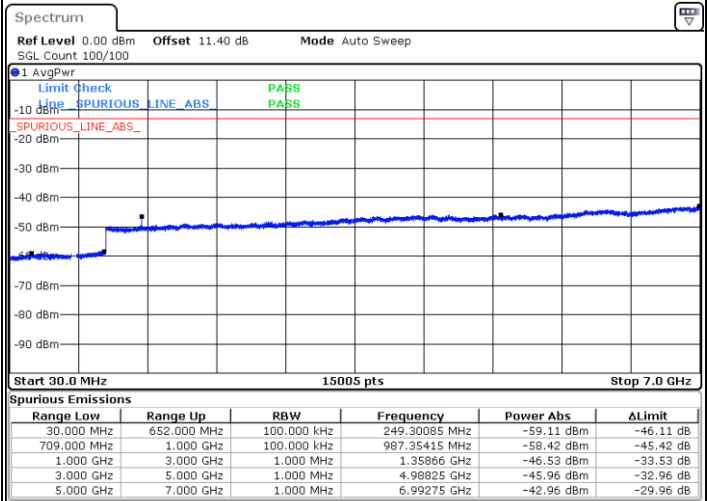
Date: 10 JUN 2020 06:13:15

Highest Channel / QPSK



Date: 10 JUN 2020 06:17:36

Highest Channel / 16QAM

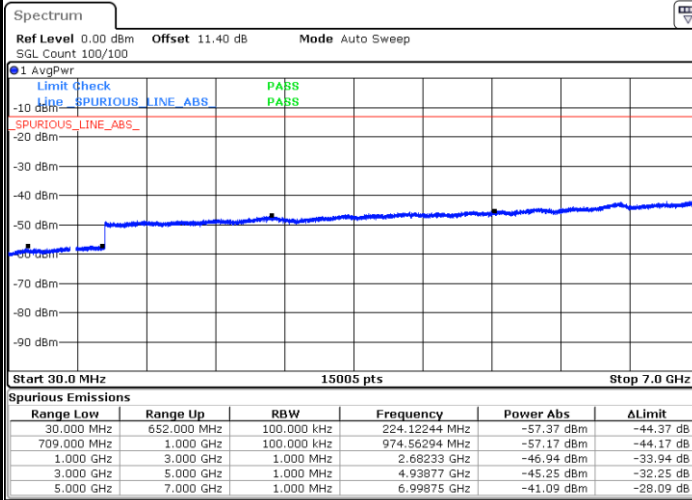


Date: 10 JUN 2020 06:18:17



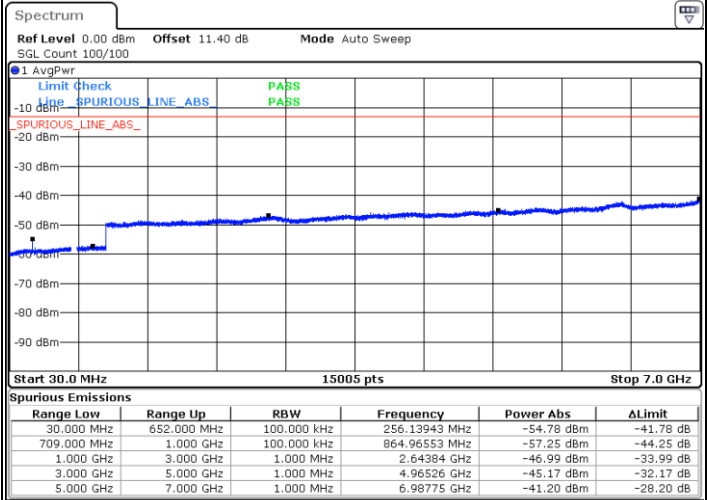
LTE Band 71 / 5MHz

Lowest Channel / 64QAM



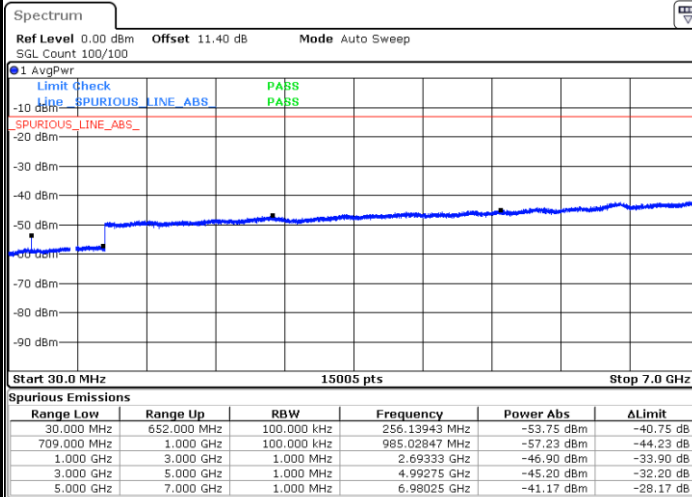
Date: 5 JUN.2020 07:23:27

Middle Channel / 64QAM



Date: 5 JUN.2020 07:24:41

Highest Channel / 64QAM

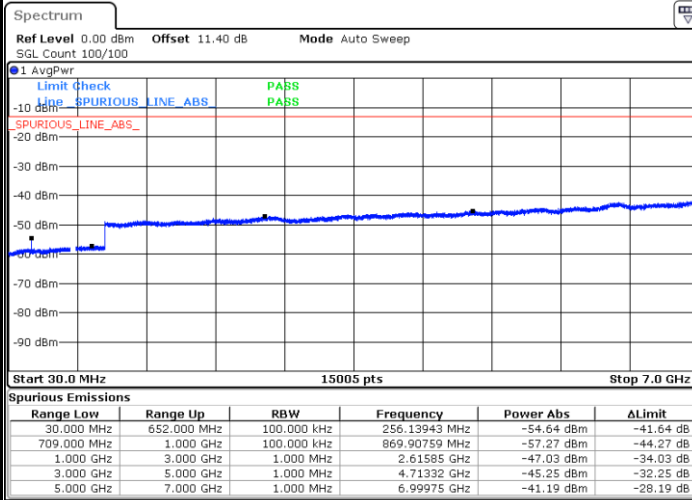


Date: 5 JUN.2020 07:27:42



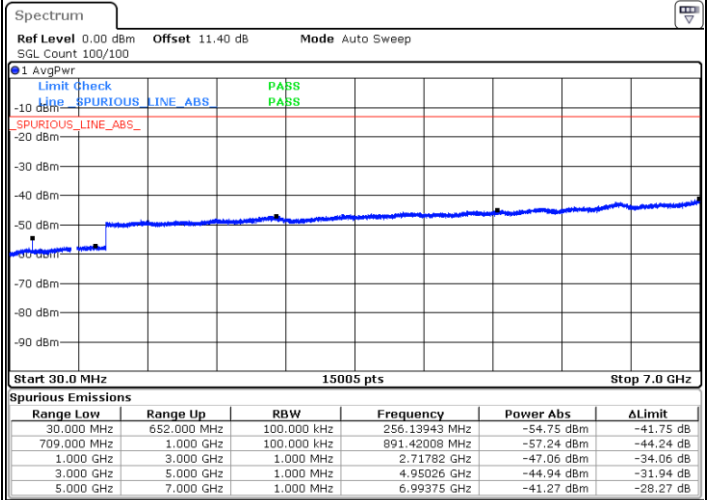
LTE Band 71 / 10MHz

Lowest Channel / 64QAM



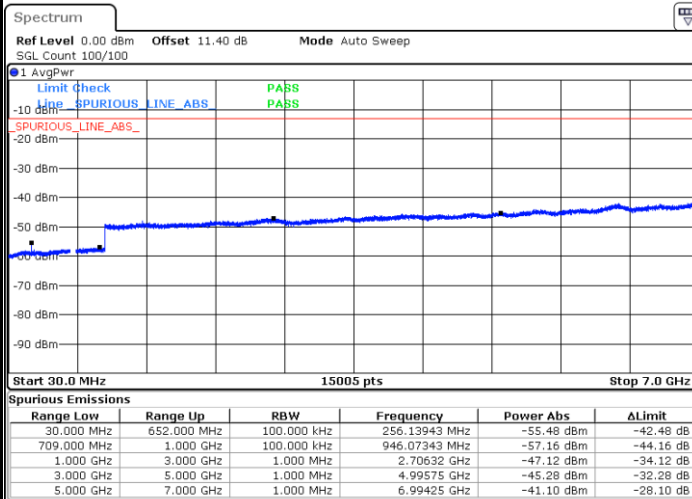
Date: 5 JUN.2020 07:45:10

Middle Channel / 64QAM



Date: 5 JUN.2020 07:46:23

Highest Channel / 64QAM

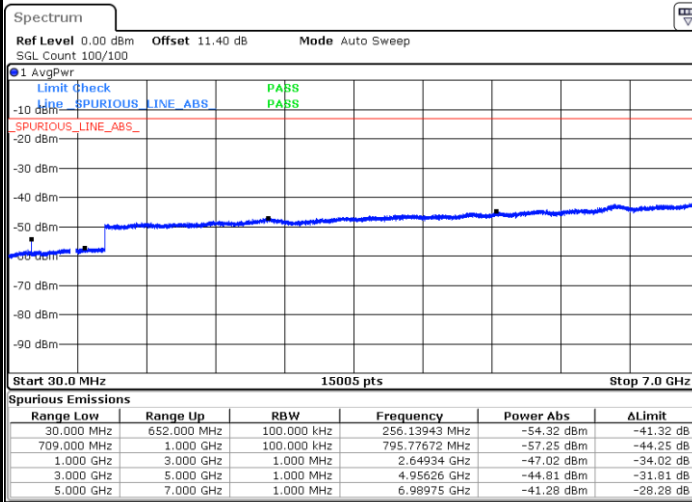


Date: 5 JUN.2020 07:49:25



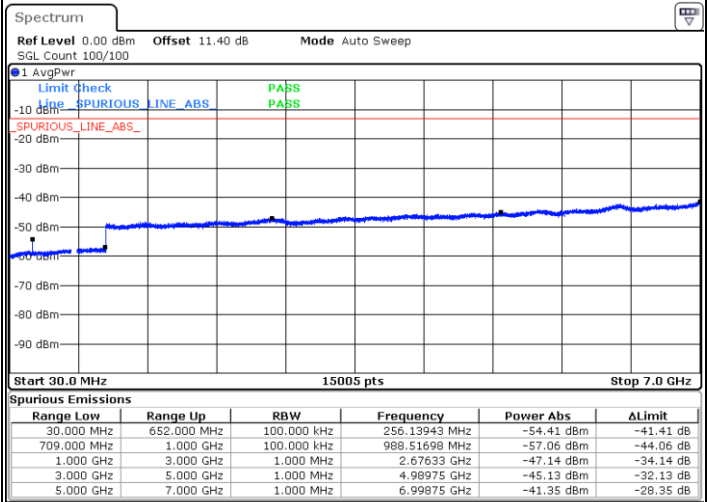
LTE Band 71 / 15MHz

Lowest Channel / 64QAM



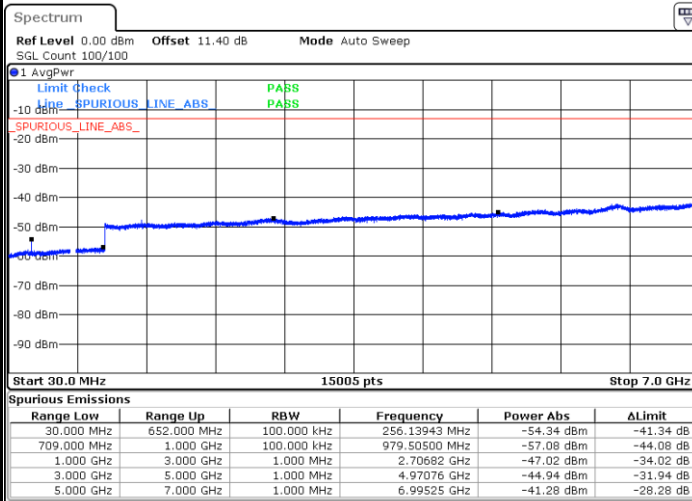
Date: 5.JUN.2020 08:06:57

Middle Channel / 64QAM



Date: 5.JUN.2020 08:08:10

Highest Channel / 64QAM

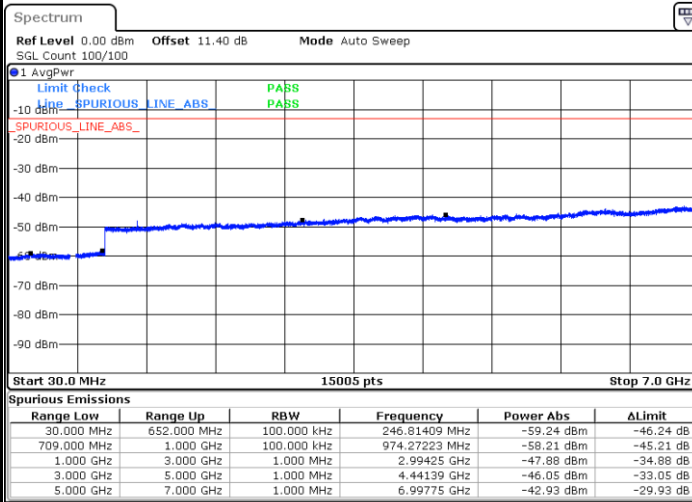


Date: 5.JUN.2020 08:11:12



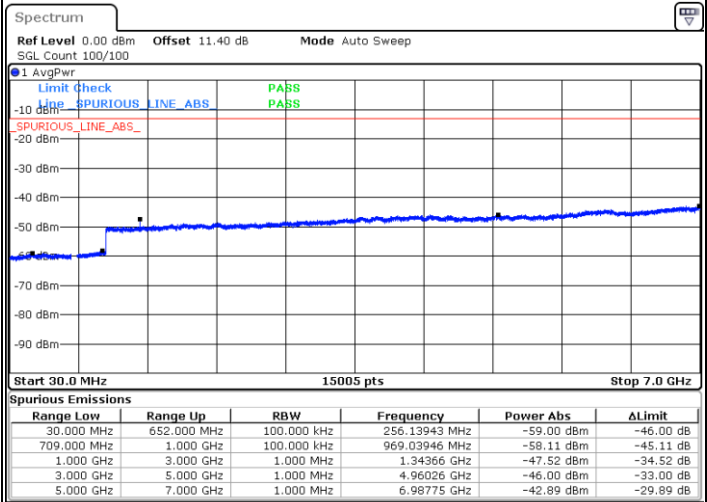
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



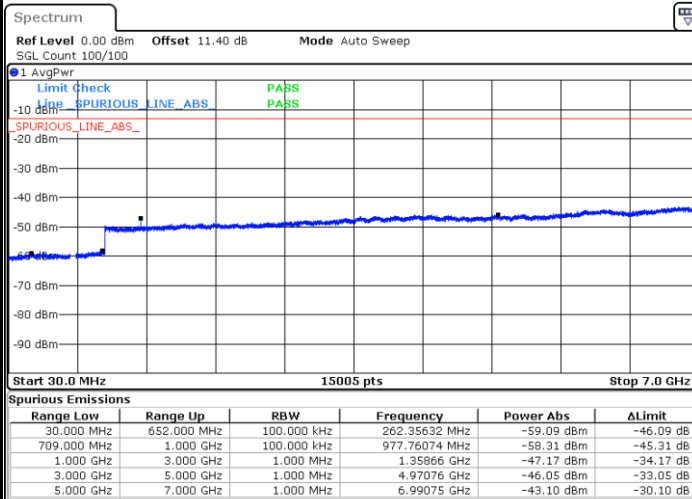
Date: 10 JUN 2020 06:20:49

Middle Channel / 64QAM



Date: 10 JUN 2020 06:21:52

Highest Channel / 64QAM



Date: 10 JUN 2020 06:24:24

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0182	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0137	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0182	
0	Normal Voltage	0.0210	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0184	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0182	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.8 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 = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.29	0.2133	28.29	0.6745
Middle		1	3	23.44	0.2208	28.44	0.6982
Highest		1	3	23.22	0.2099	28.22	0.6637
Lowest	16QAM	1	3	22.59	0.1816	27.59	0.5741
Middle		1	3	22.75	0.1884	27.75	0.5957
Highest		1	3	22.47	0.1766	27.47	0.5585
Lowest	64QAM	1	3	21.50	0.1413	26.50	0.4467
Middle		1	3	21.69	0.1476	26.69	0.4667
Highest		1	3	21.44	0.1393	26.44	0.4406
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.12	0.2051	28.12	0.6486
Middle		1	8	23.42	0.2198	28.42	0.6950
Highest		1	8	23.19	0.2084	28.19	0.6592
Lowest	16QAM	1	8	22.51	0.1782	27.51	0.5636
Middle		1	8	22.73	0.1875	27.73	0.5929
Highest		1	8	22.47	0.1766	27.47	0.5585
Lowest	64QAM	1	0	21.36	0.1368	26.36	0.4325
Middle		1	0	21.68	0.1472	26.68	0.4656
Highest		1	0	21.43	0.1390	26.43	0.4395
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.14	0.2061	28.14	0.6516
Middle		1	0	23.44	0.2208	28.44	0.6982
Highest		1	0	23.20	0.2089	28.20	0.6607
Lowest	16QAM	1	0	22.44	0.1754	27.44	0.5546
Middle		1	0	22.74	0.1879	27.74	0.5943
Highest		1	0	22.46	0.1762	27.46	0.5572
Lowest	64QAM	1	0	21.57	0.1435	26.57	0.4539
Middle		1	0	21.72	0.1486	26.72	0.4699
Highest		1	0	21.45	0.1396	26.45	0.4416
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.19	0.2084	28.19	0.6592
Middle		1	0	23.44	0.2208	28.44	0.6982
Highest		1	0	23.23	0.2104	28.23	0.6653
Lowest	16QAM	1	0	22.48	0.1770	27.48	0.5598
Middle		1	0	22.78	0.1897	27.78	0.5998
Highest		1	0	22.54	0.1795	27.54	0.5675
Lowest	64QAM	1	0	21.49	0.1409	26.49	0.4457
Middle		1	0	21.76	0.1500	26.76	0.4742
Highest		1	0	21.52	0.1419	26.52	0.4487
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 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	28.22	0.6637
Middle		1	0	23.51	0.2244	28.51	0.7096
Highest		1	0	23.09	0.2037	28.09	0.6442
Lowest	16QAM	1	0	22.52	0.1786	27.52	0.5649
Middle		1	0	22.79	0.1901	27.79	0.6012
Highest		1	0	22.36	0.1722	27.36	0.5445
Lowest	64QAM	1	0	21.64	0.1459	26.64	0.4613
Middle		1	0	21.77	0.1503	26.77	0.4753
Highest		1	0	21.33	0.1358	26.33	0.4295
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.34	0.2158	28.34	0.6823
Middle		1	0	23.54	0.2259	28.54	0.7145
Highest		1	0	23.32	0.2148	28.32	0.6792
Lowest	16QAM	1	0	22.63	0.1832	27.63	0.5794
Middle		1	0	22.75	0.1884	27.75	0.5957
Highest		1	0	22.64	0.1837	27.64	0.5808
Lowest	64QAM	1	0	21.58	0.1439	26.58	0.4550
Middle		1	0	21.74	0.1493	26.74	0.4721
Highest		1	0	21.62	0.1452	26.62	0.4592
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = 5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.23	0.2104	28.33	0.6808
Middle		1	3	23.40	0.2188	28.50	0.7079
Highest		1	3	22.72	0.1871	27.82	0.6053
Lowest	16QAM	1	3	22.53	0.1791	27.63	0.5794
Middle		1	3	22.67	0.1849	27.77	0.5984
Highest		1	3	22.36	0.1722	27.46	0.5572
Lowest	64QAM	1	3	21.50	0.1413	26.60	0.4571
Middle		1	3	21.65	0.1462	26.75	0.4732
Highest		1	3	21.54	0.1426	26.64	0.4613
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.24	0.2109	28.34	0.6823
Middle		1	0	23.37	0.2173	28.47	0.7031
Highest		1	0	23.36	0.2168	28.46	0.7015
Lowest	16QAM	1	8	22.53	0.1791	27.63	0.5794
Middle		1	8	22.67	0.1849	27.77	0.5984
Highest		1	8	22.53	0.1791	27.63	0.5794
Lowest	64QAM	1	8	21.50	0.1413	26.60	0.4571
Middle		1	8	21.65	0.1462	26.75	0.4732
Highest		1	8	21.46	0.1400	26.56	0.4529
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.25	0.2113	28.35	0.6839
Middle		1	0	23.39	0.2183	28.49	0.7063
Highest		1	0	23.35	0.2163	28.45	0.6998
Lowest	16QAM	1	0	22.54	0.1795	27.64	0.5808
Middle		1	0	22.71	0.1866	27.81	0.6039
Highest		1	0	22.70	0.1862	27.80	0.6026
Lowest	64QAM	1	0	21.53	0.1422	26.63	0.4603
Middle		1	0	21.68	0.1472	26.78	0.4764
Highest		1	0	21.70	0.1479	26.80	0.4786
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.24	0.2109	28.34	0.6823
Middle		1	49	23.44	0.2208	28.54	0.7145
Highest		1	49	22.33	0.1710	27.43	0.5534
Lowest	16QAM	1	49	22.52	0.1786	27.62	0.5781
Middle		1	49	22.74	0.1879	27.84	0.6081
Highest		1	49	22.24	0.1675	27.34	0.5420
Lowest	64QAM	1	49	21.51	0.1416	26.61	0.4581
Middle		1	49	21.74	0.1493	26.84	0.4831
Highest		1	49	21.45	0.1396	26.55	0.4519
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	23.28	0.2128	28.38	0.6887
Middle		1	74	23.42	0.2198	28.52	0.7112
Highest		1	74	22.25	0.1679	27.35	0.5433
Lowest	16QAM	1	74	22.58	0.1811	27.68	0.5861
Middle		1	74	22.79	0.1901	27.89	0.6152
Highest		1	74	22.18	0.1652	27.28	0.5346
Lowest	64QAM	1	0	21.56	0.1432	26.66	0.4634
Middle		1	0	21.74	0.1493	26.84	0.4831
Highest		1	0	21.69	0.1476	26.79	0.4775
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.22	0.2099	28.32	0.6792
Middle		1	0	23.49	0.2234	28.59	0.7228
Highest		1	0	23.25	0.2113	28.35	0.6839
Lowest	16QAM	1	49	22.50	0.1778	27.60	0.5754
Middle		1	49	22.70	0.1862	27.80	0.6026
Highest		1	49	22.62	0.1828	27.72	0.5916
Lowest	64QAM	1	99	21.53	0.1422	26.63	0.4603
Middle		1	99	21.69	0.1476	26.79	0.4775
Highest		1	99	21.33	0.1358	26.43	0.4395
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 5.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.05	0.2018	28.85	0.7674
Middle		1	0	23.05	0.2018	28.85	0.7674
Highest		1	0	23.34	0.2158	29.14	0.8204
Lowest	16QAM	1	3	22.39	0.1734	28.19	0.6592
Middle		1	3	22.42	0.1746	28.22	0.6637
Highest		1	3	22.74	0.1879	28.54	0.7145
Lowest	64QAM	1	3	21.33	0.1358	27.13	0.5164
Middle		1	3	21.39	0.1377	27.19	0.5236
Highest		1	3	21.71	0.1483	27.51	0.5636
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 5.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.09	0.2037	28.89	0.7745
Middle		1	0	23.10	0.2042	28.90	0.7762
Highest		1	0	23.32	0.2148	29.12	0.8166
Lowest	16QAM	1	8	22.38	0.1730	28.18	0.6577
Middle		1	8	22.41	0.1742	28.21	0.6622
Highest		1	8	22.77	0.1892	28.57	0.7194
Lowest	64QAM	1	8	21.37	0.1371	27.17	0.5212
Middle		1	8	21.38	0.1374	27.18	0.5224
Highest		1	8	21.72	0.1486	27.52	0.5649
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 5.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.10	0.2042	28.90	0.7762
Middle		1	0	23.15	0.2065	28.95	0.7852
Highest		1	0	23.33	0.2153	29.13	0.8185
Lowest	16QAM	1	12	22.42	0.1746	28.22	0.6637
Middle		1	12	22.43	0.1750	28.23	0.6653
Highest		1	12	22.77	0.1892	28.57	0.7194
Lowest	64QAM	1	12	21.37	0.1371	27.17	0.5212
Middle		1	12	21.39	0.1377	27.19	0.5236
Highest		1	12	21.73	0.1489	27.53	0.5662
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 5.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.13	0.2056	28.93	0.7816
Middle		1	0	23.20	0.2089	29.00	0.7943
Highest		1	0	23.30	0.2138	29.10	0.8128
Lowest	16QAM	1	0	22.41	0.1742	28.21	0.6622
Middle		1	0	22.53	0.1791	28.33	0.6808
Highest		1	0	22.77	0.1892	28.57	0.7194
Lowest	64QAM	1	0	21.38	0.1374	27.18	0.5224
Middle		1	0	21.47	0.1403	27.27	0.5333
Highest		1	0	21.70	0.1479	27.50	0.5623
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 5.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.12	0.2051	28.92	0.7798
Middle		1	0	23.20	0.2089	29.00	0.7943
Highest		1	0	23.30	0.2138	29.10	0.8128
Lowest	16QAM	1	37	22.46	0.1762	28.26	0.6699
Middle		1	37	22.45	0.1758	28.25	0.6683
Highest		1	37	22.63	0.1832	28.43	0.6966
Lowest	64QAM	1	0	21.40	0.1380	27.20	0.5248
Middle		1	0	21.55	0.1429	27.35	0.5433
Highest		1	0	21.50	0.1413	27.30	0.5370
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 5.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.11	0.2046	28.91	0.7780
Middle		1	0	23.19	0.2084	28.99	0.7925
Highest		1	0	23.36	0.2168	29.16	0.8241
Lowest	16QAM	1	49	22.50	0.1778	28.30	0.6761
Middle		1	49	22.41	0.1742	28.21	0.6622
Highest		1	49	22.63	0.1832	28.43	0.6966
Lowest	64QAM	1	49	21.38	0.1374	27.18	0.5224
Middle		1	49	21.39	0.1377	27.19	0.5236
Highest		1	49	21.56	0.1432	27.36	0.5445
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.22	0.2099	23.17	0.2075
Middle		3	1	23.30	0.2138	23.25	0.2113
Highest		3	1	23.00	0.1995	22.95	0.1972
Lowest	16QAM	1	3	22.59	0.1816	22.54	0.1795
Middle		1	3	22.64	0.1837	22.59	0.1816
Highest		1	3	22.35	0.1718	22.30	0.1698
Lowest	64QAM	1	3	21.52	0.1419	21.47	0.1403
Middle		1	3	21.59	0.1442	21.54	0.1426
Highest		1	3	21.29	0.1346	21.24	0.1330
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.22	0.2099	23.17	0.2075
Middle		1	0	23.28	0.2128	23.23	0.2104
Highest		1	0	22.99	0.1991	22.94	0.1968
Lowest	16QAM	1	8	22.56	0.1803	22.51	0.1782
Middle		1	8	22.61	0.1824	22.56	0.1803
Highest		1	8	22.35	0.1718	22.30	0.1698
Lowest	64QAM	1	0	21.58	0.1439	21.53	0.1422
Middle		1	0	21.59	0.1442	21.54	0.1426
Highest		1	0	21.35	0.1365	21.30	0.1349
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.22	0.2099	23.17	0.2075
Middle		1	0	23.30	0.2138	23.25	0.2113
Highest		1	0	23.10	0.2042	23.05	0.2018
Lowest	16QAM	1	0	22.56	0.1803	22.51	0.1782
Middle		1	0	22.68	0.1854	22.63	0.1832
Highest		1	0	22.45	0.1758	22.40	0.1738
Lowest	64QAM	1	0	21.56	0.1432	21.51	0.1416
Middle		1	0	21.63	0.1455	21.58	0.1439
Highest		1	0	21.39	0.1377	21.34	0.1361
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.27	0.2123	23.22	0.2099
Middle		1	0	23.34	0.2158	23.29	0.2133
Highest		1	0	23.28	0.2128	23.23	0.2104
Lowest	16QAM	1	49	22.63	0.1832	22.58	0.1811
Middle		1	49	22.70	0.1862	22.65	0.1841
Highest		1	49	22.31	0.1702	22.26	0.1683
Lowest	64QAM	1	25	21.50	0.1413	21.45	0.1396
Middle		1	25	21.59	0.1442	21.54	0.1426
Highest		1	25	21.41	0.1384	21.36	0.1368
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 5.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.64	0.2312	29.04	0.8017
Middle		1	0	23.52	0.2249	28.92	0.7798
Highest		1	0	22.76	0.1888	28.16	0.6546
Lowest	16QAM	1	24	22.94	0.1968	28.34	0.6823
Middle		1	24	22.79	0.1901	28.19	0.6592
Highest		1	24	22.18	0.1652	27.58	0.5728
Lowest	64QAM	1	0	21.90	0.1549	27.30	0.5370
Middle		1	0	21.74	0.1493	27.14	0.5176
Highest		1	0	21.17	0.1309	26.57	0.4539
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 5.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.64	0.2312	29.04	0.8017
Middle		1	49	23.40	0.2188	28.80	0.7586
Highest		1	49	22.86	0.1932	28.26	0.6699
Lowest	16QAM	1	25	22.97	0.1982	28.37	0.6871
Middle		1	25	22.84	0.1923	28.24	0.6668
Highest		1	25	22.28	0.1690	27.68	0.5861
Lowest	64QAM	1	49	21.97	0.1574	27.37	0.5458
Middle		1	49	21.68	0.1472	27.08	0.5105
Highest		1	49	21.12	0.1294	26.52	0.4487
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 5.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.67	0.2328	29.07	0.8072
Middle		1	0	23.41	0.2193	28.81	0.7603
Highest		1	0	23.06	0.2023	28.46	0.7015
Lowest	16QAM	1	74	22.97	0.1982	28.37	0.6871
Middle		1	74	22.64	0.1837	28.04	0.6368
Highest		1	74	22.17	0.1648	27.57	0.5715
Lowest	64QAM	1	37	21.98	0.1578	27.38	0.5470
Middle		1	37	21.80	0.1514	27.20	0.5248
Highest		1	37	21.27	0.1340	26.67	0.4645
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 5.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.69	0.2339	29.09	0.8110
Middle		1	0	23.40	0.2188	28.80	0.7586
Highest		1	0	23.06	0.2023	28.46	0.7015
Lowest	16QAM	1	99	22.84	0.1923	28.24	0.6668
Middle		1	99	22.69	0.1858	28.09	0.6442
Highest		1	99	22.14	0.1637	27.54	0.5675
Lowest	64QAM	1	99	21.79	0.1510	27.19	0.5236
Middle		1	99	21.64	0.1459	27.04	0.5058
Highest		1	99	21.11	0.1291	26.51	0.4477
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.32	0.2148	22.07	0.1611
Middle		3	1	23.43	0.2203	22.18	0.1652
Highest		3	1	23.27	0.2123	22.02	0.1592
Lowest	16QAM	1	3	22.66	0.1845	21.41	0.1384
Middle		1	3	22.70	0.1862	21.45	0.1396
Highest		1	3	22.55	0.1799	21.30	0.1349
Lowest	64QAM	1	3	21.60	0.1445	20.35	0.1084
Middle		1	3	21.66	0.1466	20.41	0.1099
Highest		1	3	21.56	0.1432	20.31	0.1074
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.39	0.2183	22.14	0.1637
Middle		1	8	23.38	0.2178	22.13	0.1633
Highest		1	8	23.28	0.2128	22.03	0.1596
Lowest	16QAM	1	8	22.80	0.1905	21.55	0.1429
Middle		1	8	22.68	0.1854	21.43	0.1390
Highest		1	8	22.61	0.1824	21.36	0.1368
Lowest	64QAM	1	8	21.74	0.1493	20.49	0.1119
Middle		1	8	21.67	0.1469	20.42	0.1102
Highest		1	8	21.59	0.1442	20.34	0.1081
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.40	0.2188	22.15	0.1641
Middle		1	24	23.43	0.2203	22.18	0.1652
Highest		1	24	23.33	0.2153	22.08	0.1614
Lowest	16QAM	1	12	22.78	0.1897	21.53	0.1422
Middle		1	12	22.66	0.1845	21.41	0.1384
Highest		1	12	22.65	0.1841	21.40	0.1380
Lowest	64QAM	1	24	21.76	0.1500	20.51	0.1125
Middle		1	24	21.68	0.1472	20.43	0.1104
Highest		1	24	21.59	0.1442	20.34	0.1081
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.17	0.2075	21.92	0.1556
Middle		1	0	23.45	0.2213	22.20	0.1660
Highest		1	0	23.38	0.2178	22.13	0.1633
Lowest	16QAM	1	49	22.72	0.1871	21.47	0.1403
Middle		1	49	22.77	0.1892	21.52	0.1419
Highest		1	49	22.63	0.1832	21.38	0.1374
Lowest	64QAM	1	49	21.73	0.1489	20.48	0.1117
Middle		1	49	21.76	0.1500	20.51	0.1125
Highest		1	49	21.64	0.1459	20.39	0.1094
Limit	ERP < 3W			Result		PASS	