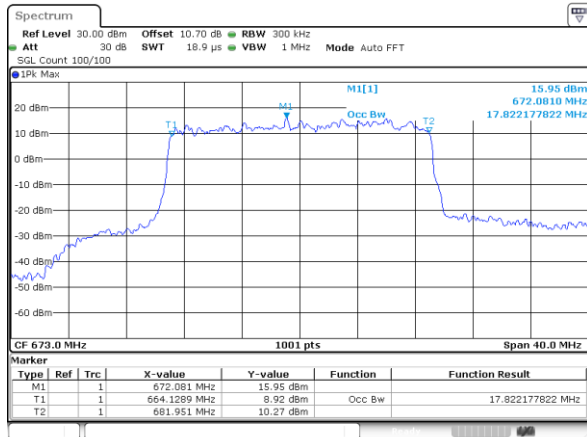




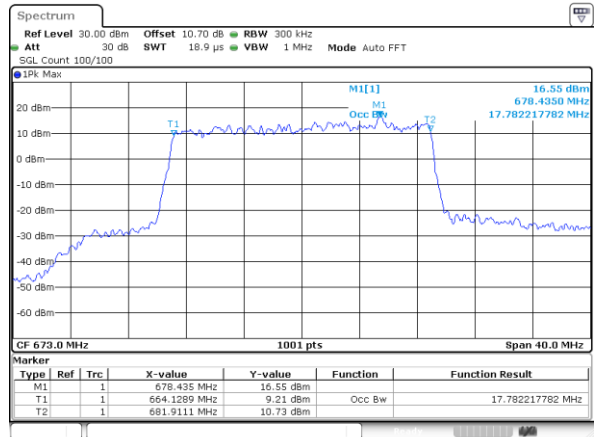
LTE Band 71

Lowest Channel / 20MHz / QPSK



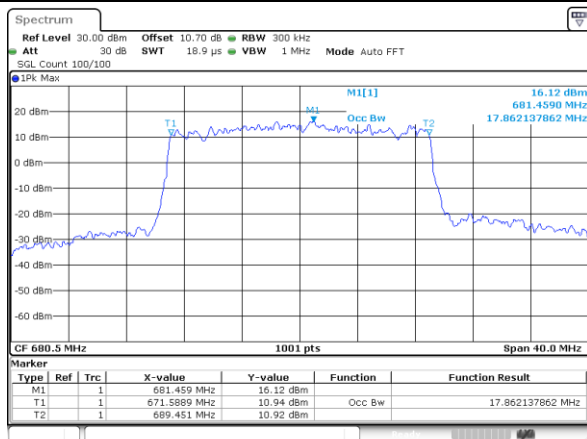
Date: 6.APR.2020 23:29:19

Lowest Channel / 20MHz / 16QAM



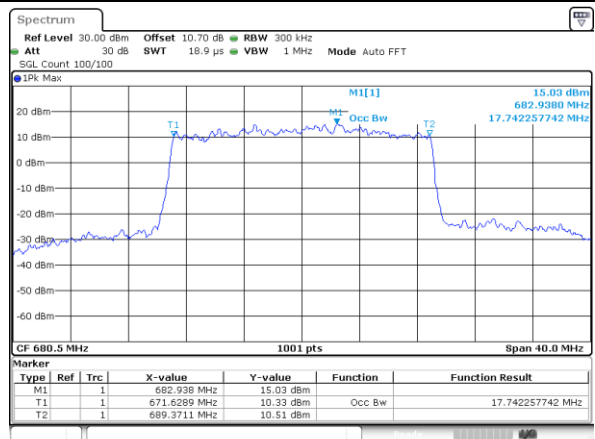
Date: 6.APR.2020 23:29:41

Middle Channel / 20MHz / QPSK



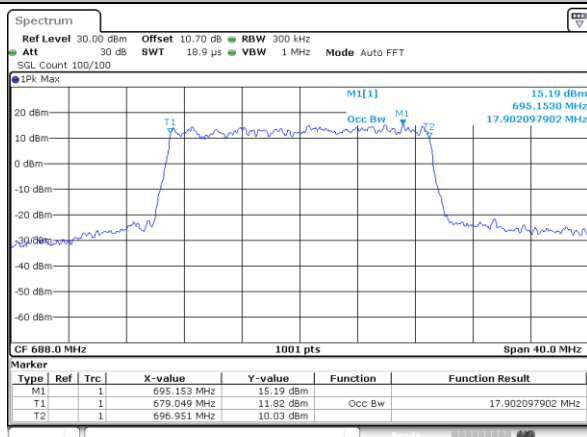
Date: 6.APR.2020 21:39:50

Middle Channel / 20MHz / 16QAM



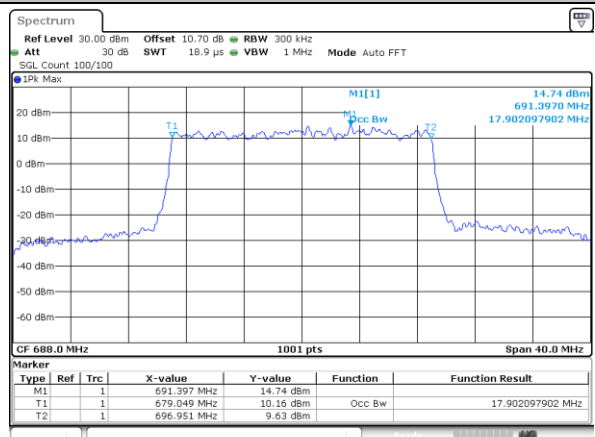
Date: 6.APR.2020 21:39:51

Highest Channel / 20MHz / QPSK

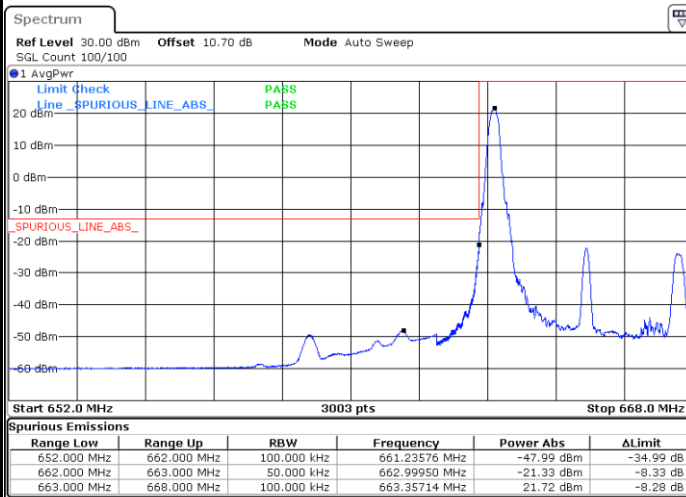
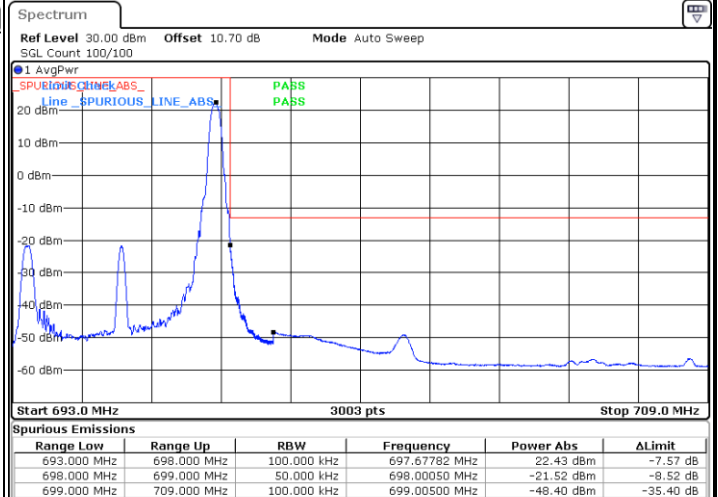
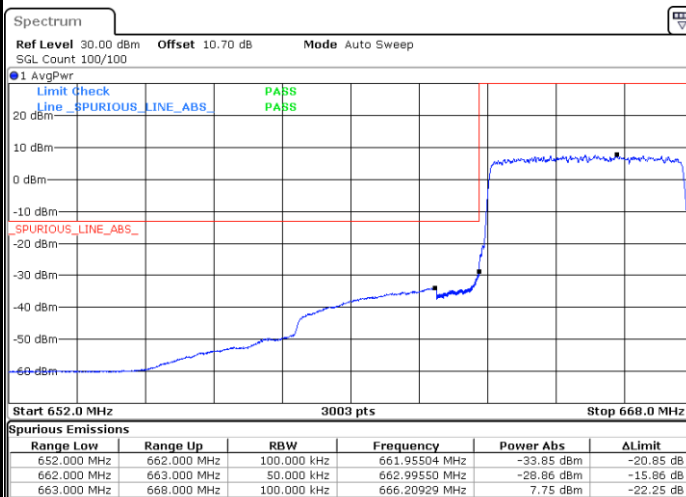
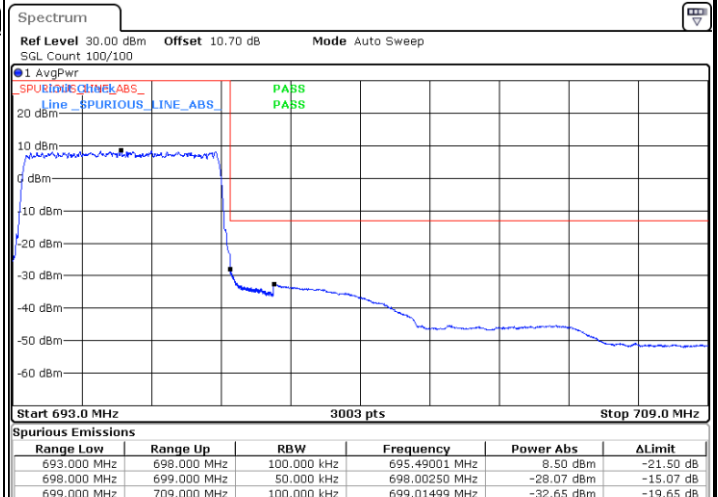


Date: 7.APR.2020 02:13:30

Highest Channel / 20MHz / 16QAM



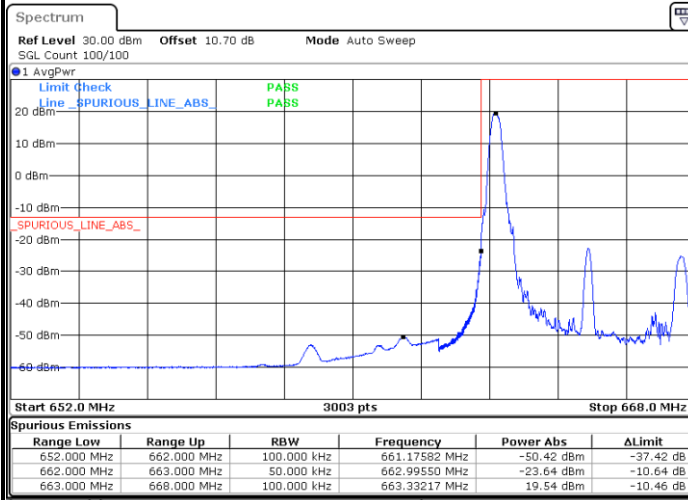
Date: 7.APR.2020 02:13:53

**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**

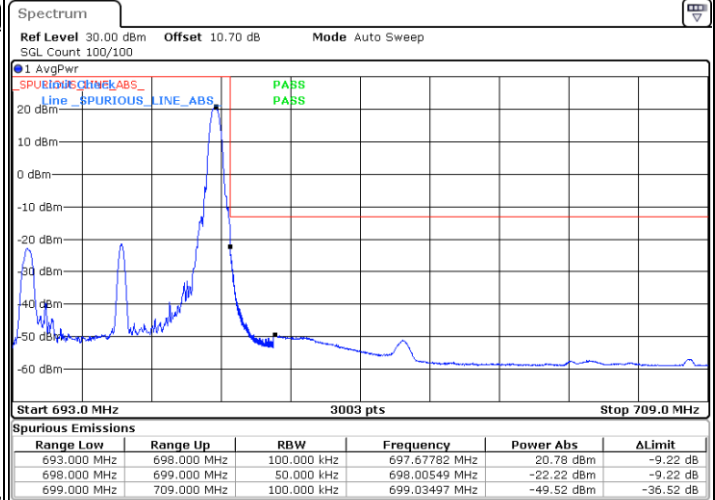


LTE Band 71 / 5MHz / 16QAM

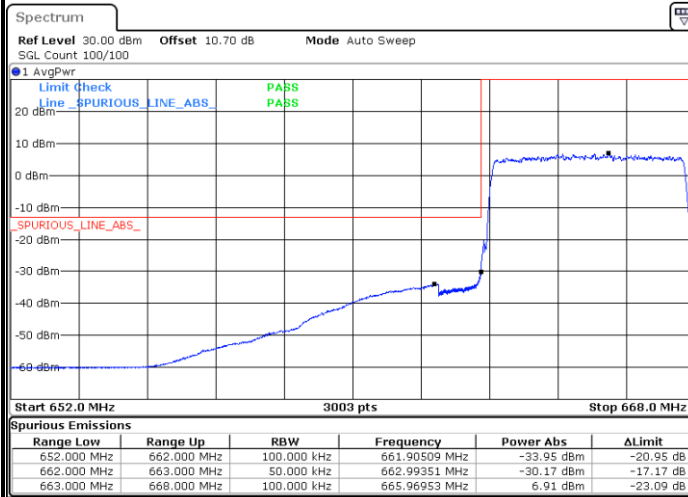
Lowest Band Edge / 1 RB



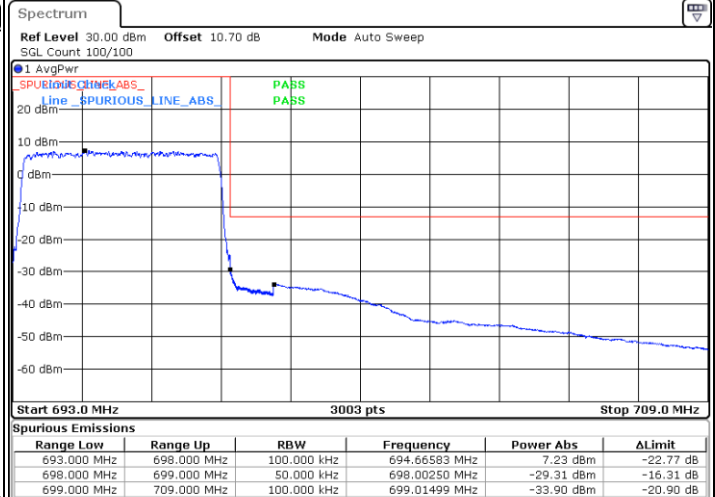
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



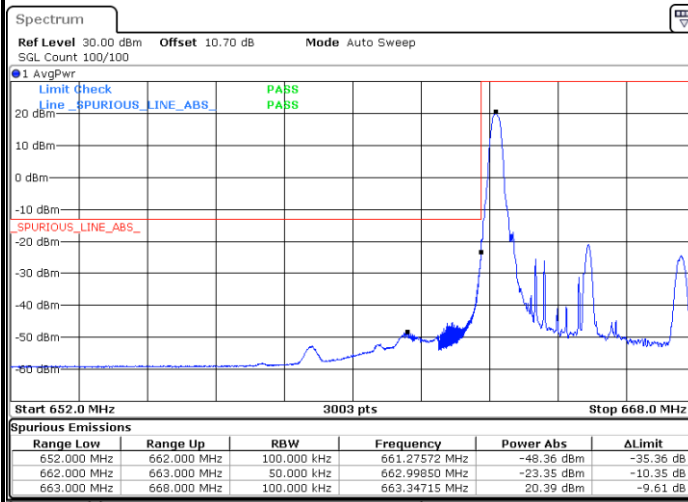
Highest Band Edge / Full RB



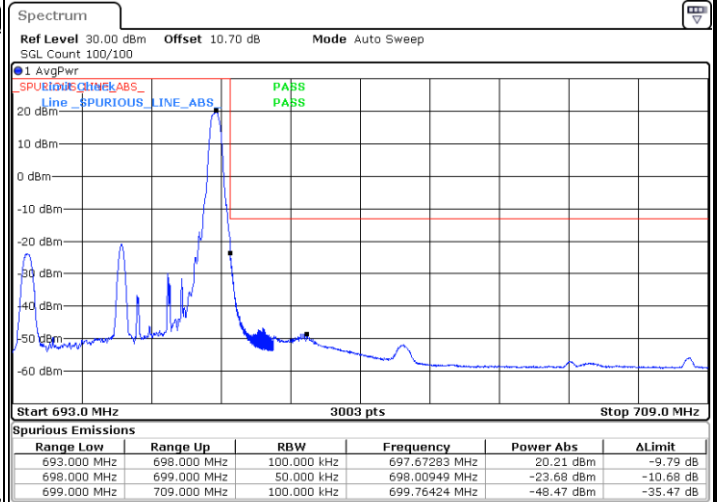


LTE Band 71 / 5MHz / 64QAM

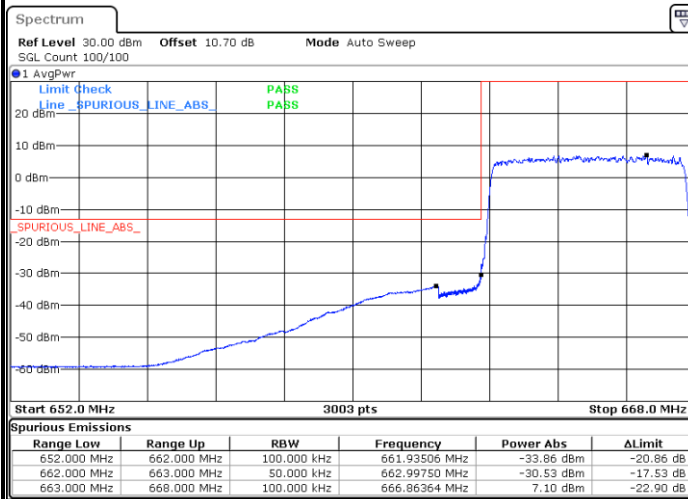
Lowest Band Edge / 1RB



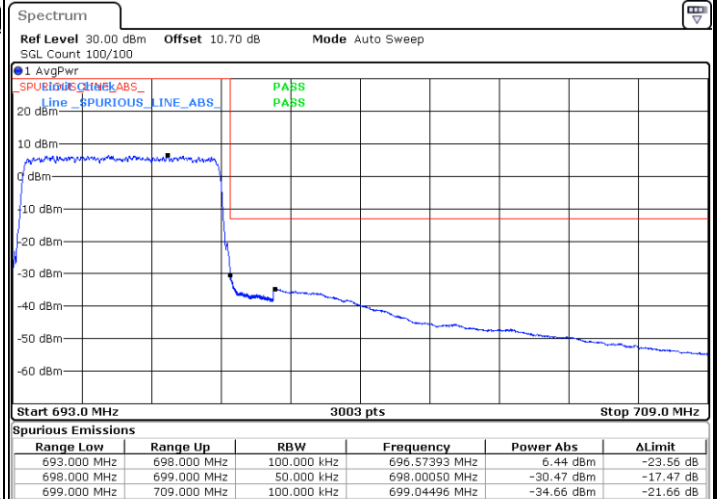
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



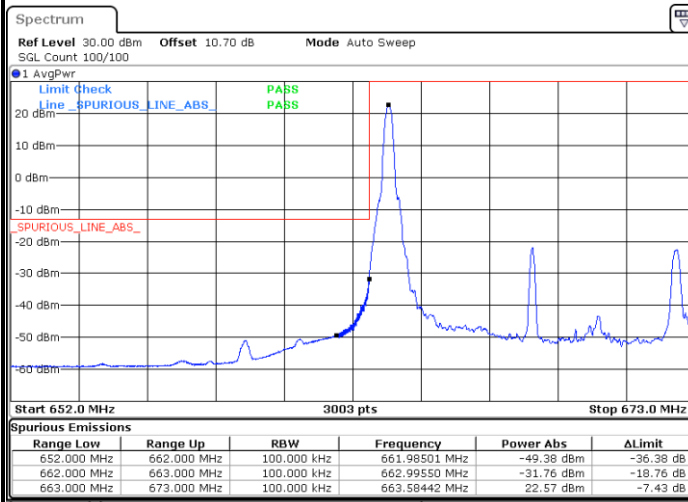
Highest Band Edge / Full RB



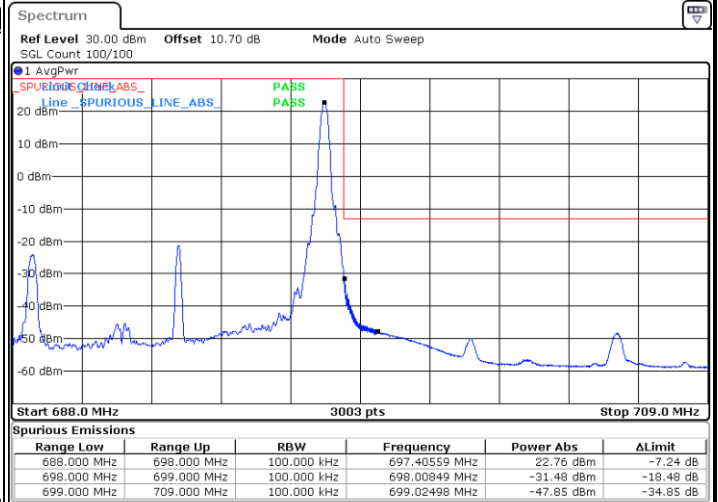


LTE Band 71 / 10MHz / QPSK

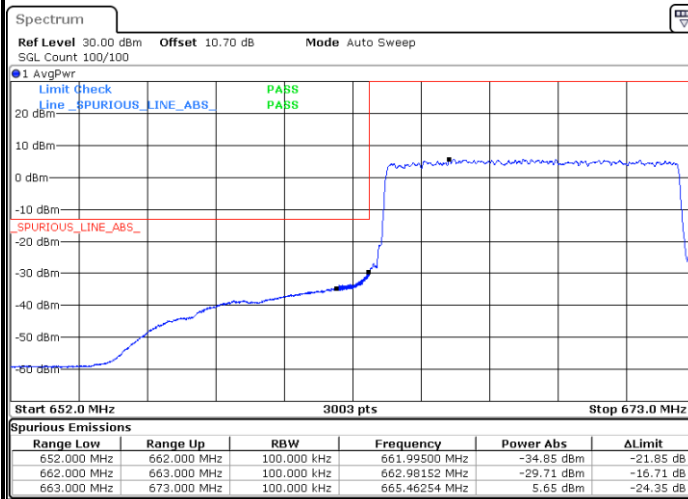
Lowest Band Edge / 1 RB



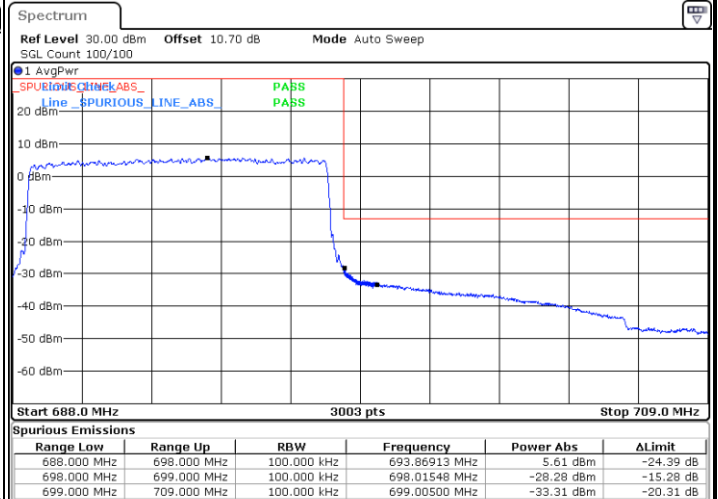
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



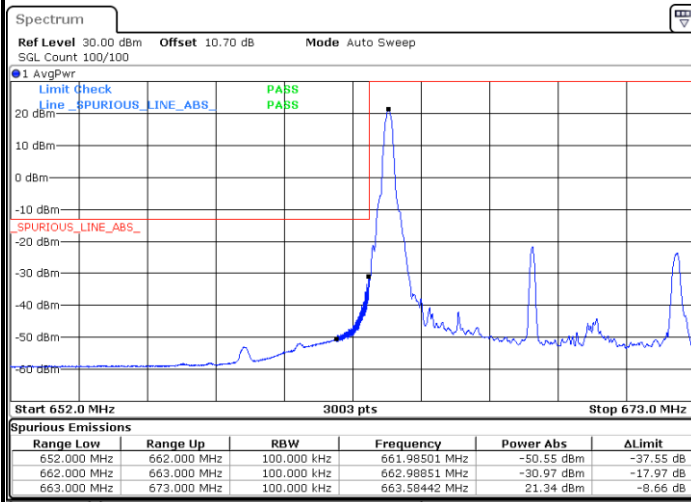
Highest Band Edge / Full RB



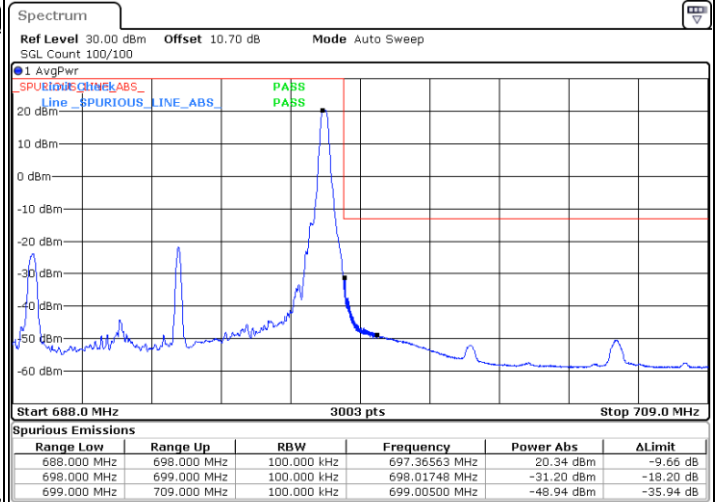


LTE Band 71 / 10MHz / 16QAM

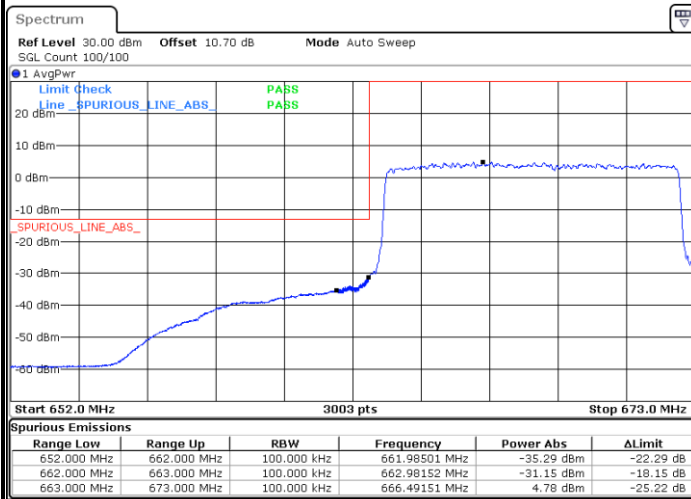
Lowest Band Edge / 1 RB



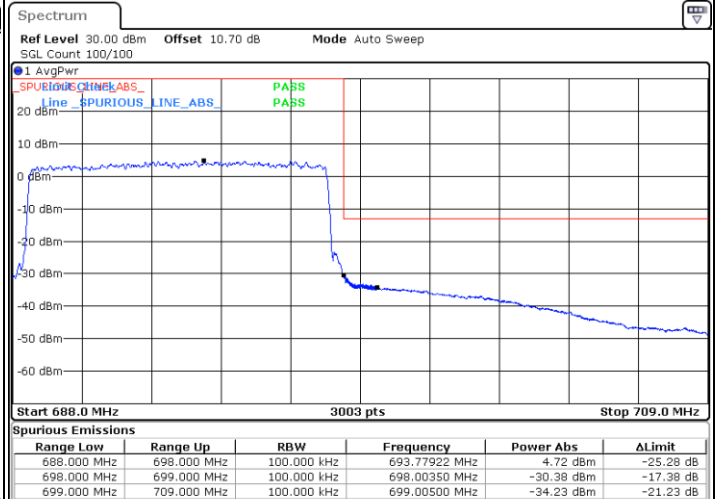
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



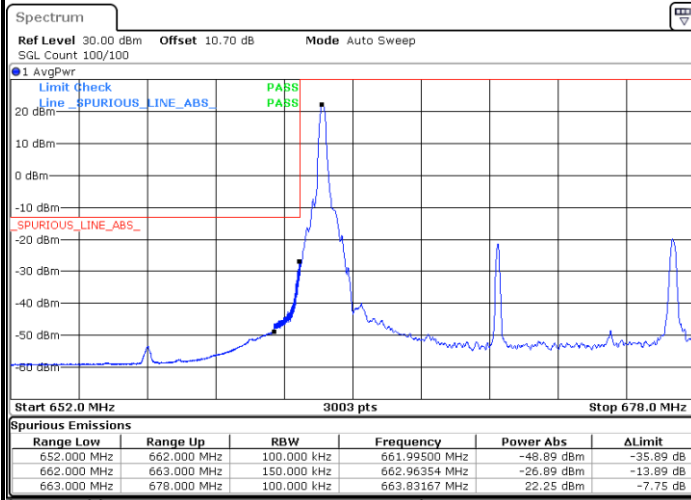
Highest Band Edge / Full RB



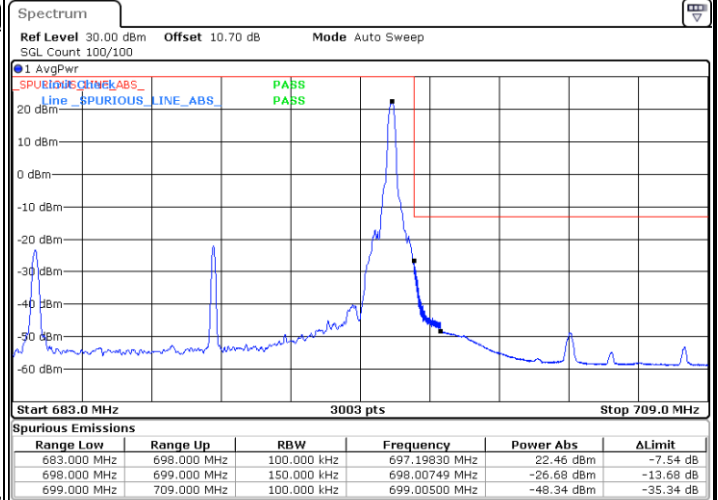


LTE Band 71 / 15MHz / QPSK

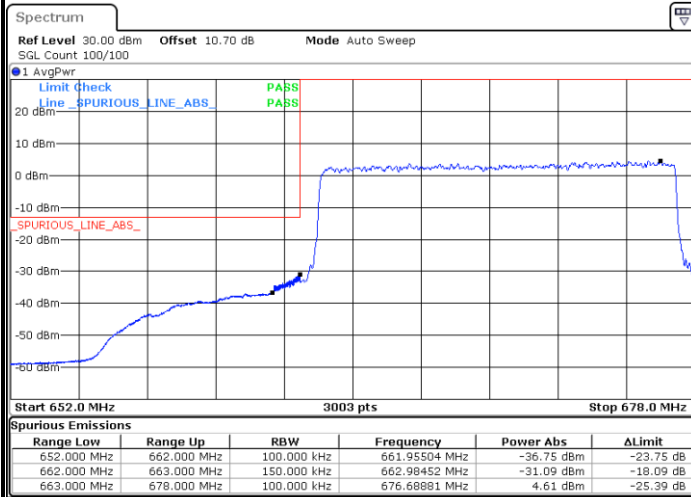
Lowest Band Edge / 1 RB



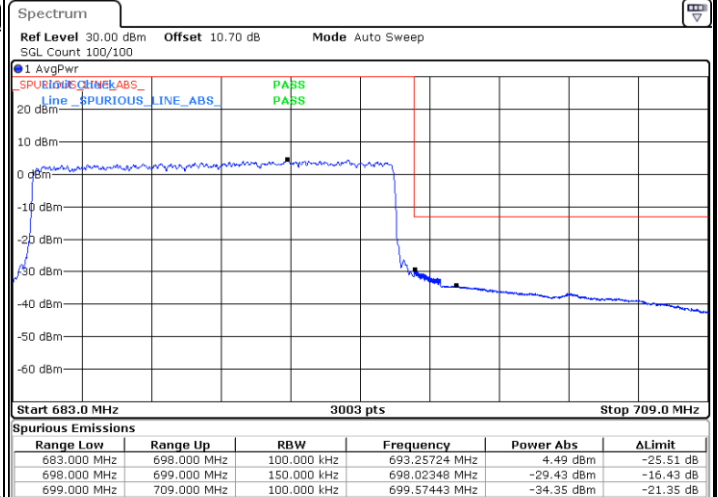
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



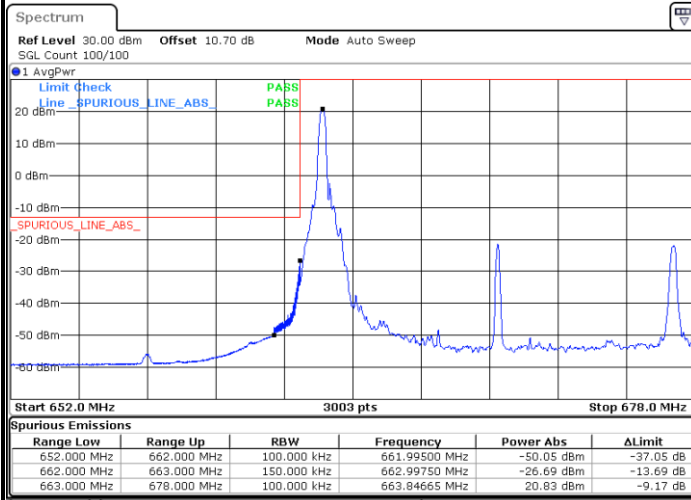
Highest Band Edge / Full RB



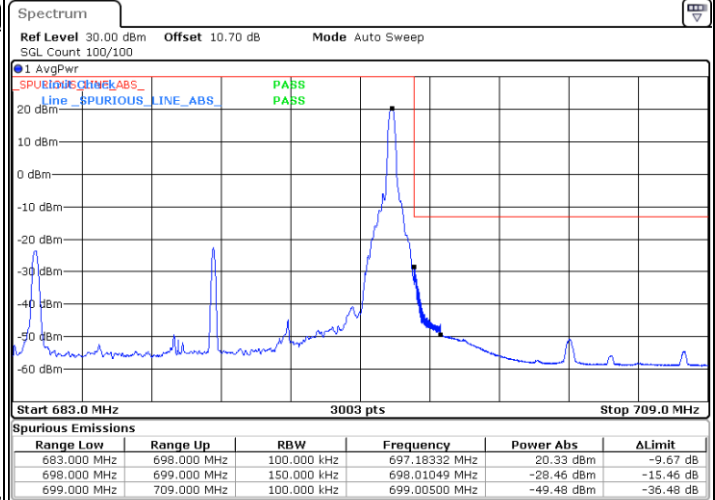


LTE Band 71 / 15MHz / 16QAM

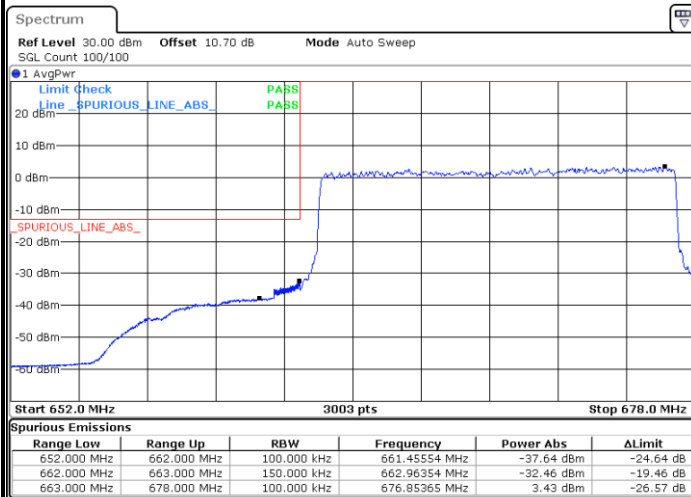
Lowest Band Edge / 1 RB



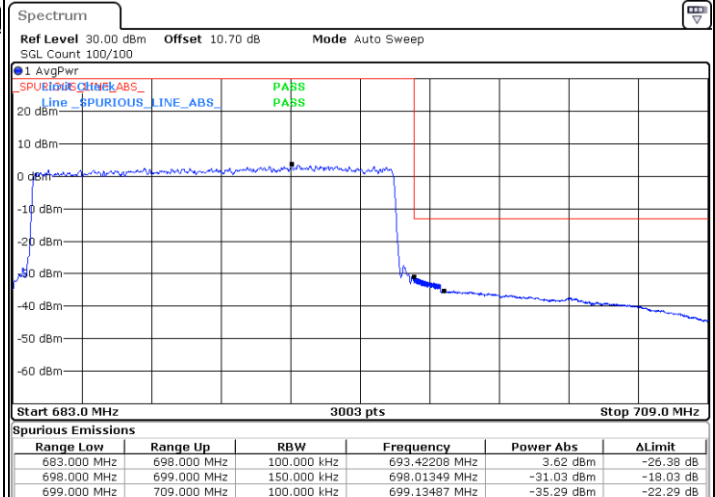
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



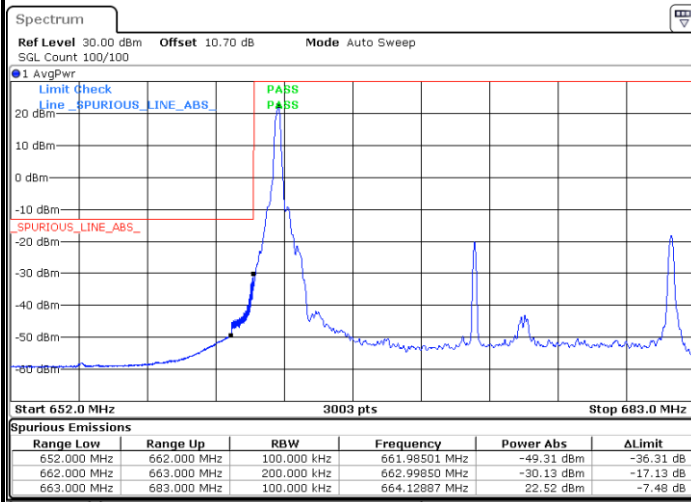
Highest Band Edge / Full RB



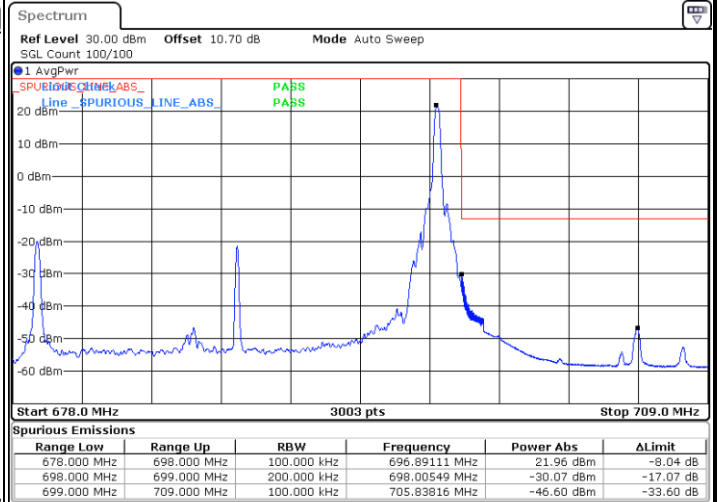


LTE Band 71 / 20MHz / QPSK

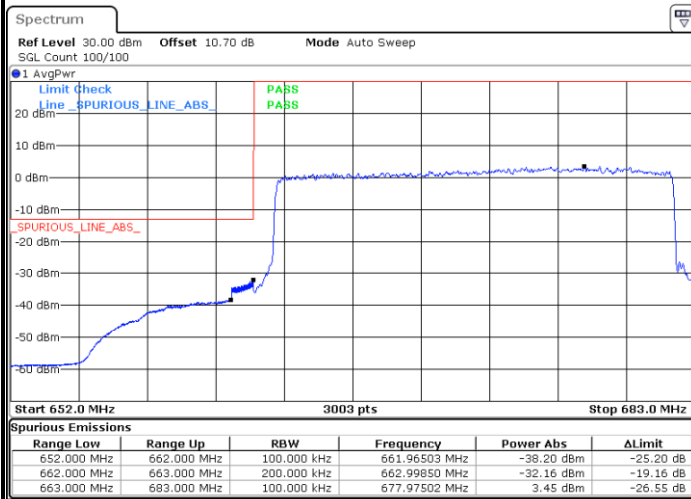
Lowest Band Edge / 1 RB



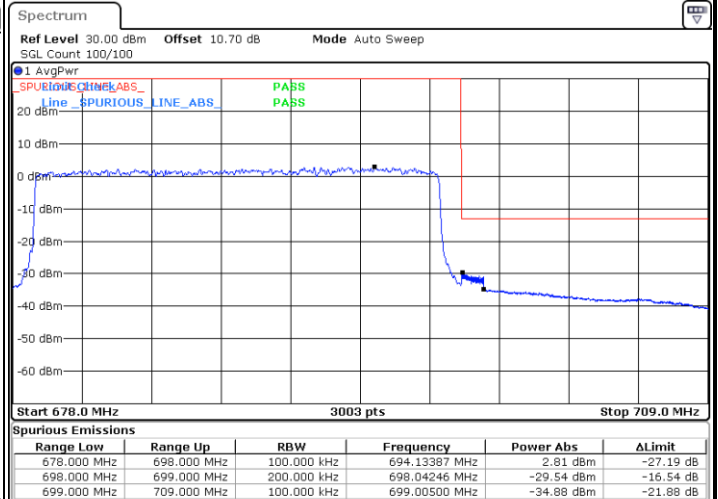
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



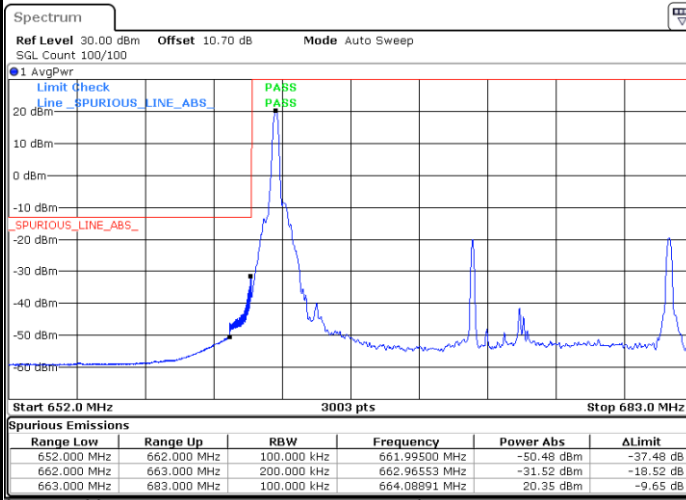
Highest Band Edge / Full RB



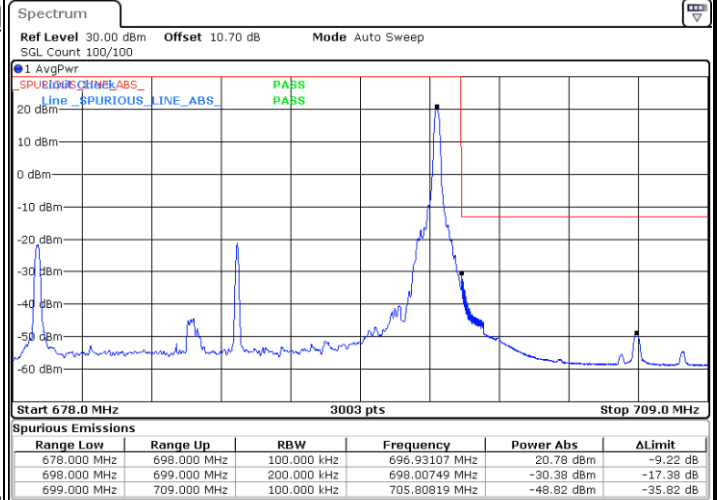


LTE Band 71 / 20MHz / 16QAM

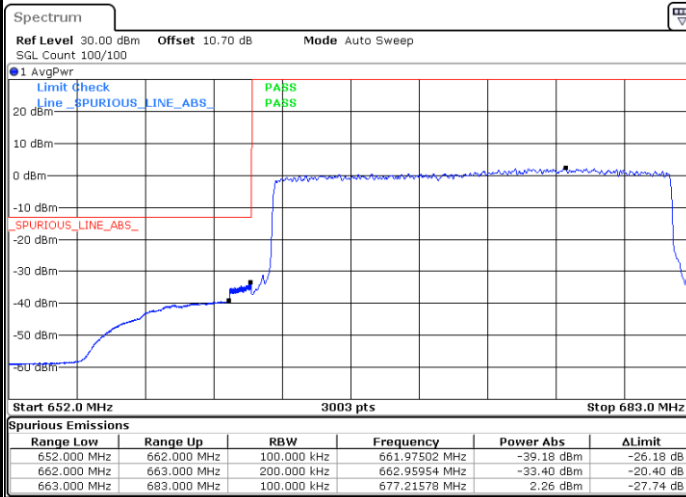
Lowest Band Edge / 1 RB



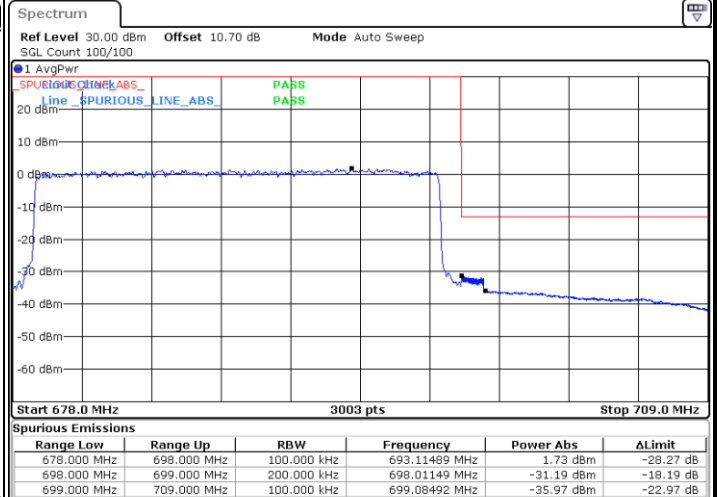
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

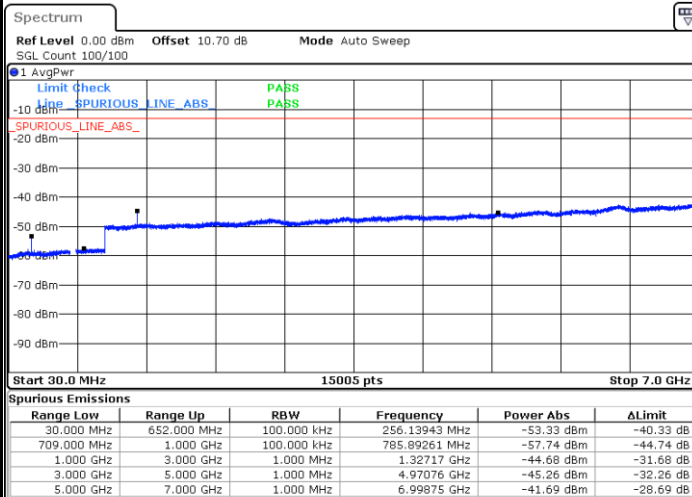




Conducted Spurious Emission

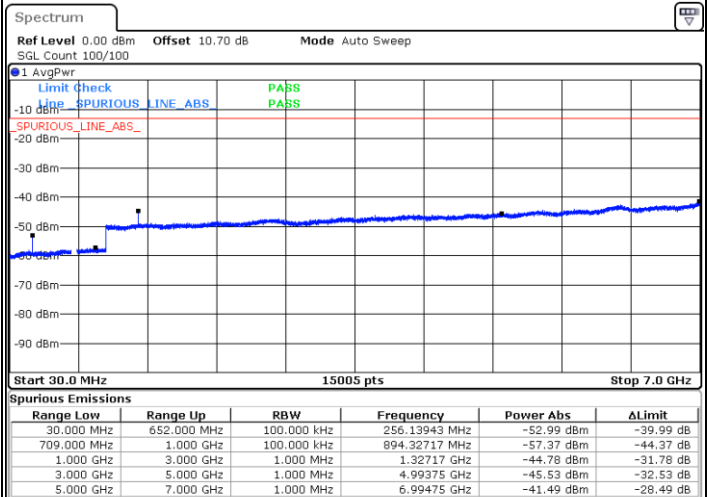
LTE Band 71 / 5MHz

Lowest Channel / QPSK



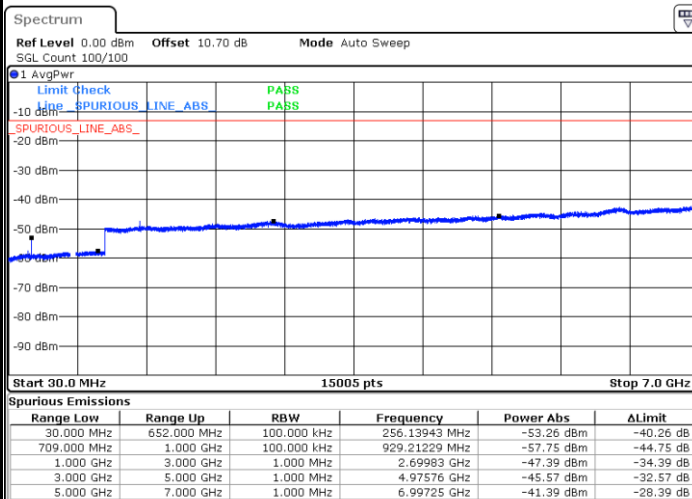
Date: 6.APR.2020 22:02:25

Lowest Channel / 16QAM



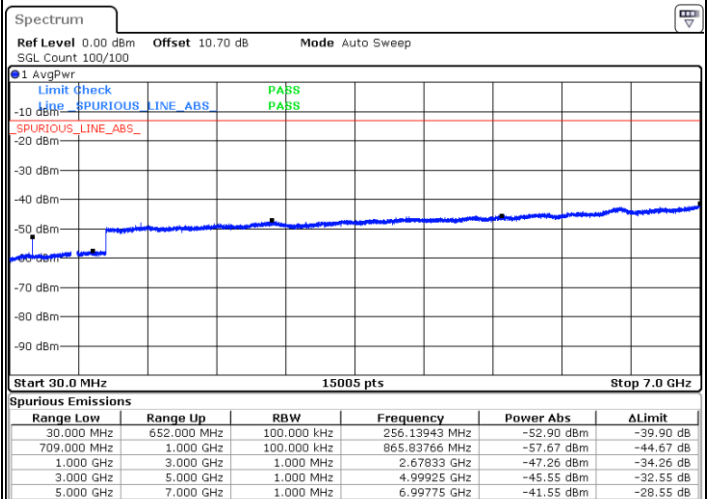
Date: 6.APR.2020 22:05:22

Middle Channel / QPSK



Date: 6.APR.2020 21:13:38

Middle Channel / 16QAM

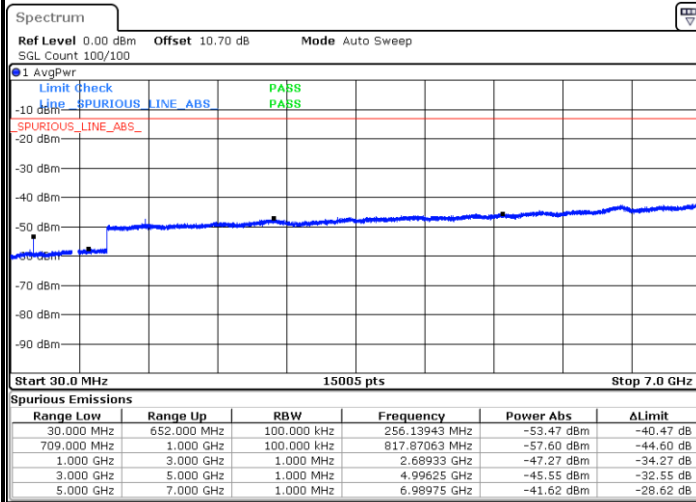


Date: 6.APR.2020 21:14:33



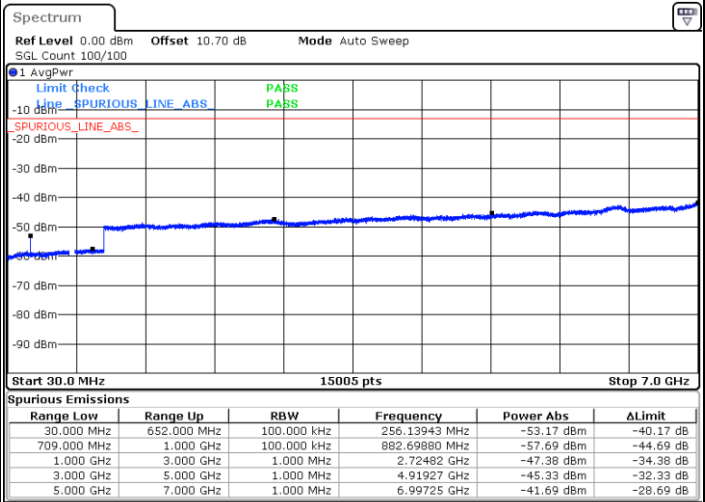
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 7.APR.2020 00:38:20

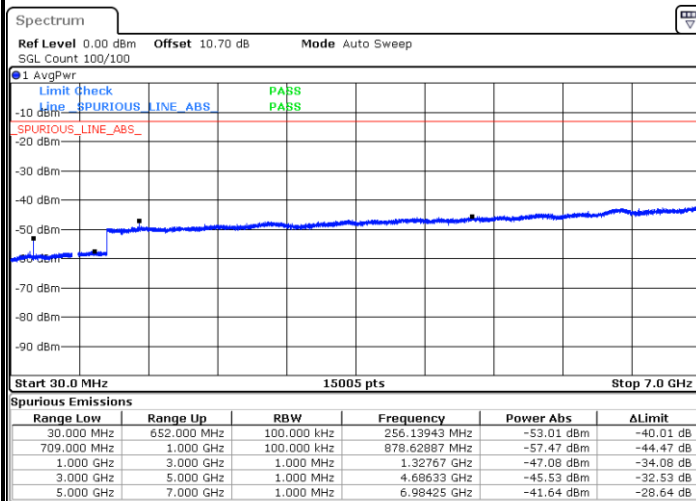
Highest Channel / 16QAM



Date: 7.APR.2020 00:39:37

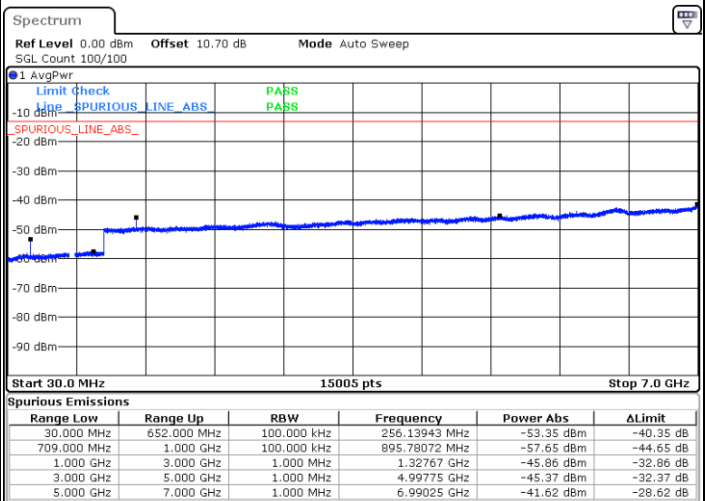
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 6.APR.2020 22:23:08

Lowest Channel / 16QAM

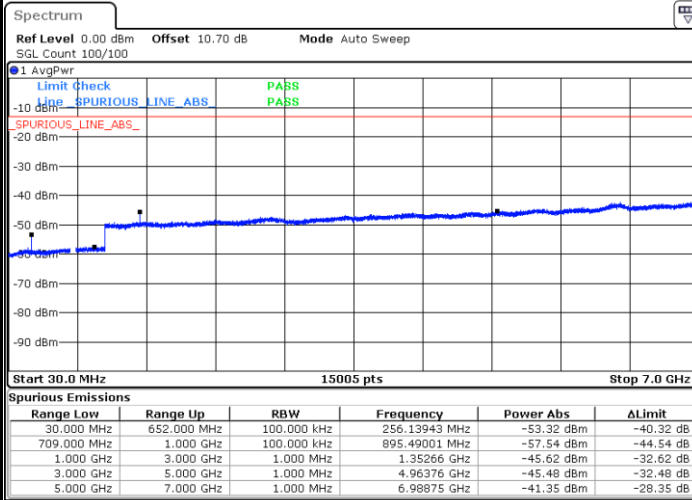


Date: 6.APR.2020 22:24:13



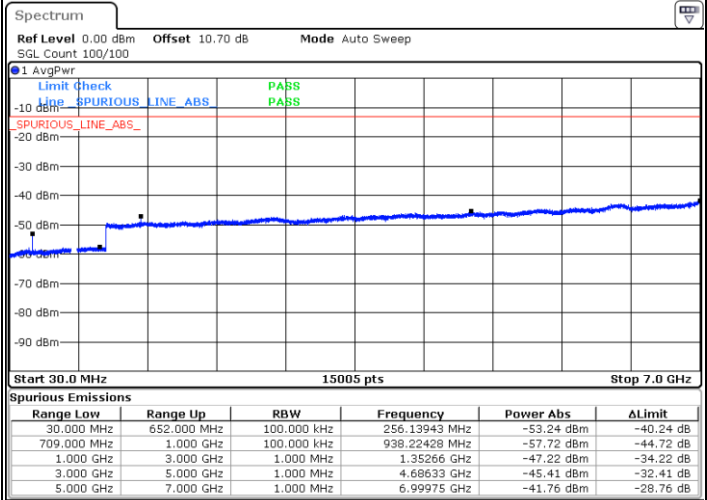
LTE Band 71 / 10MHz

Middle Channel / QPSK



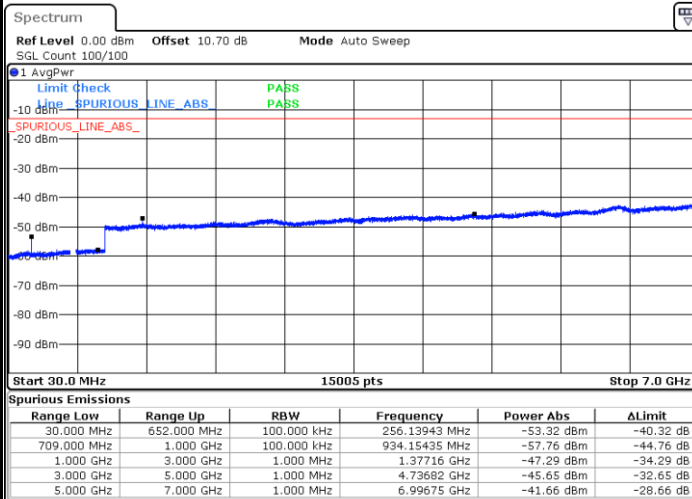
Date: 6.APR.2020 21:20:06

Middle Channel / 16QAM



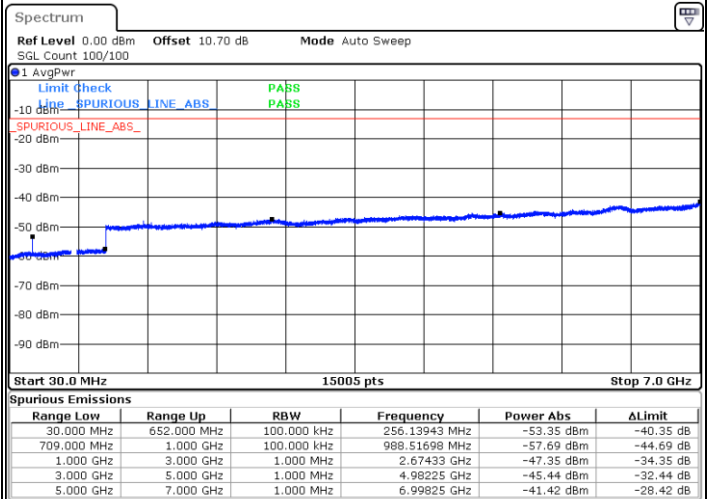
Date: 6.APR.2020 21:21:01

Highest Channel / QPSK



Date: 7.APR.2020 01:04:37

Highest Channel / 16QAM

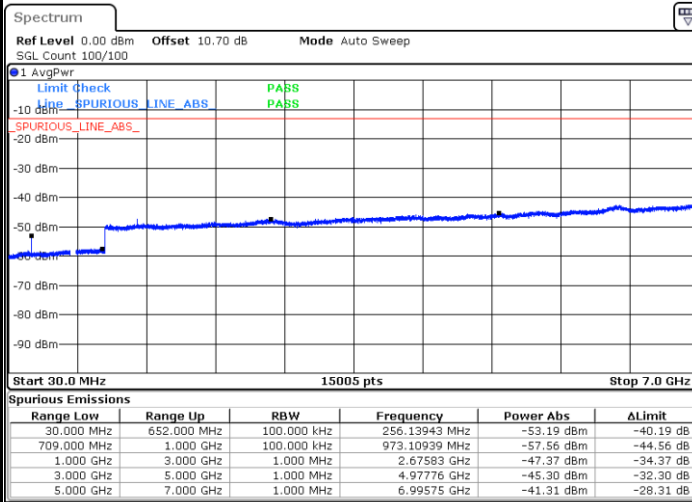


Date: 7.APR.2020 01:08:31

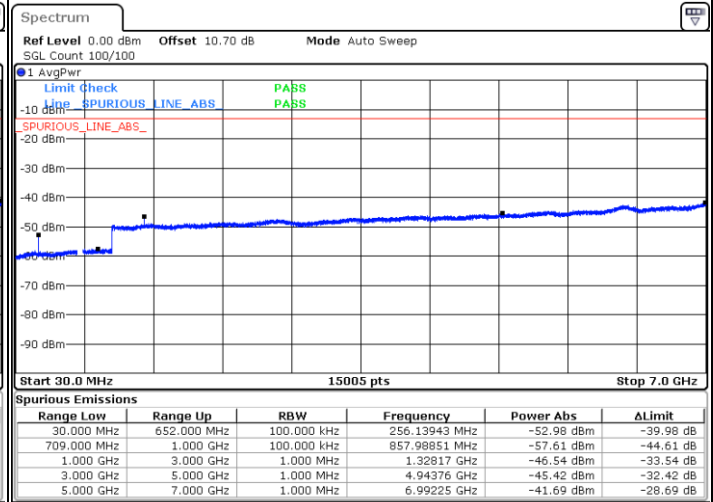


LTE Band 71 / 15MHz

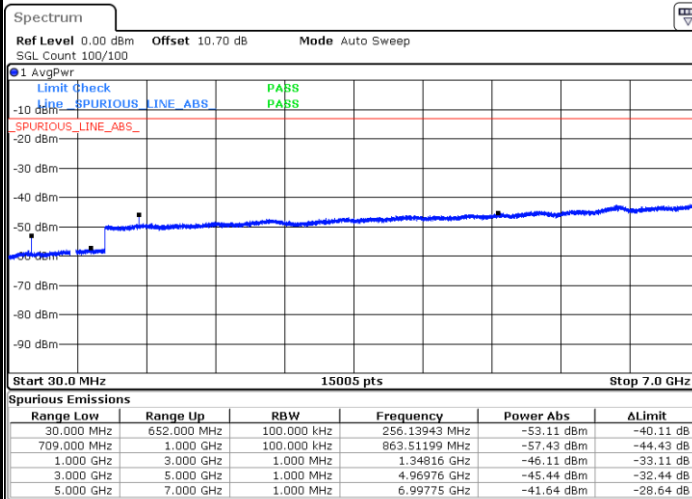
Lowest Channel / QPSK



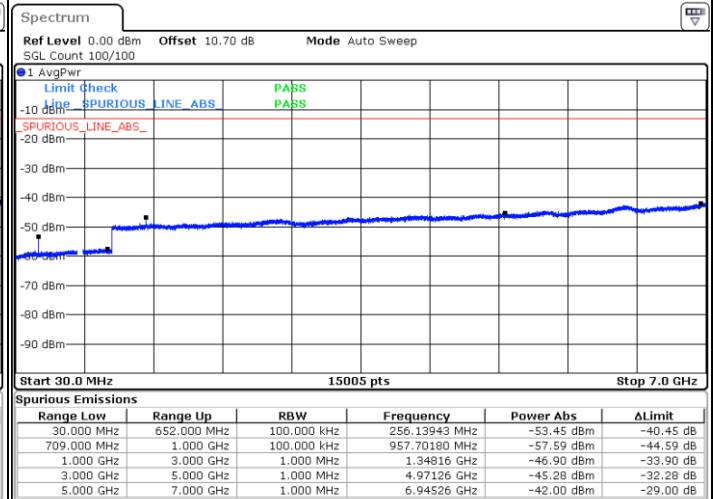
Lowest Channel / 16QAM



Middle Channel / QPSK



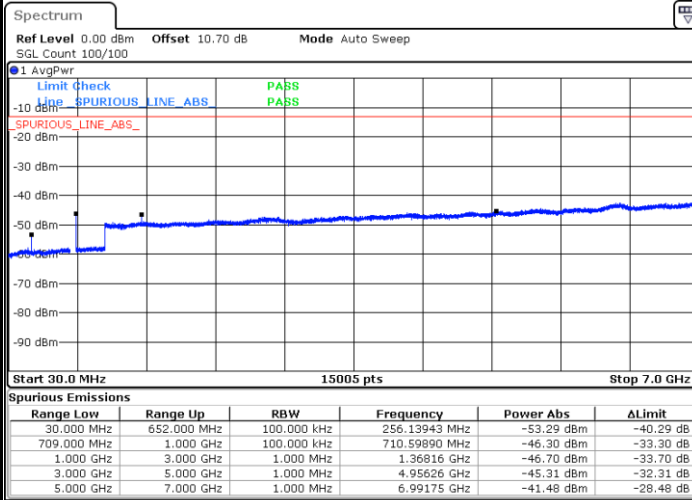
Middle Channel / 16QAM





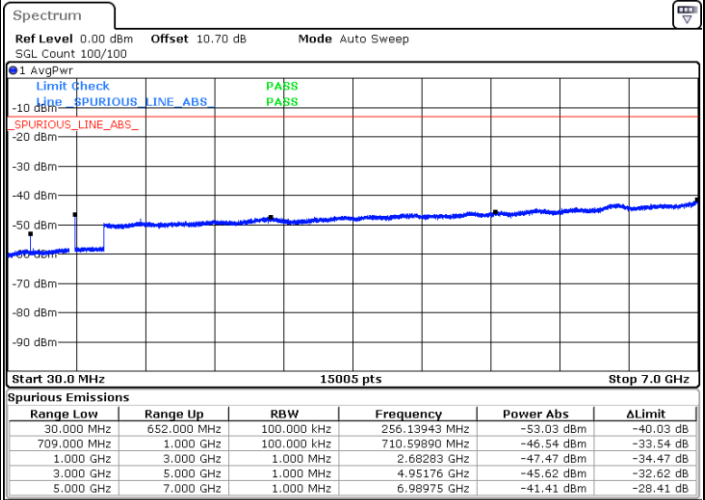
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 7.APR.2020 01:24:51

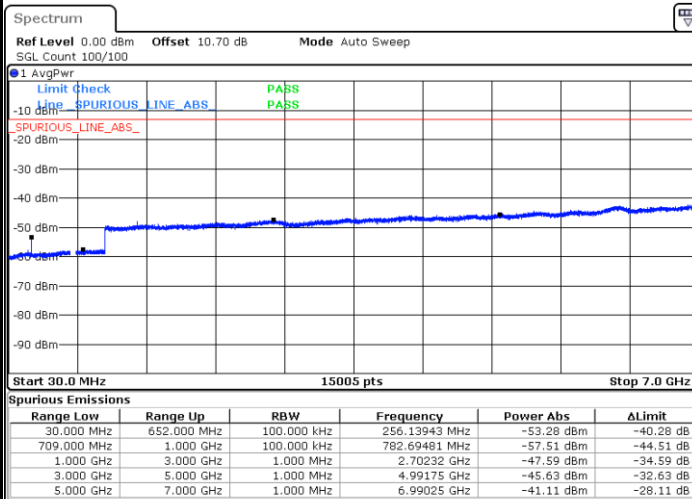
Highest Channel / 16QAM



Date: 7.APR.2020 01:25:58

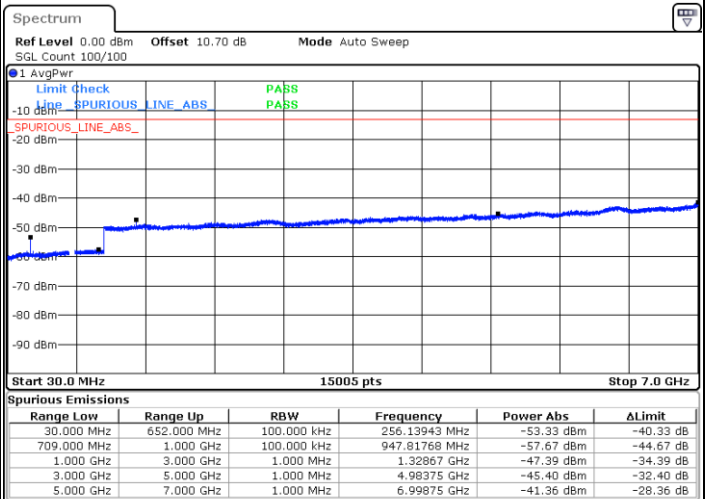
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 6.APR.2020 23:36:42

Lowest Channel / 16QAM

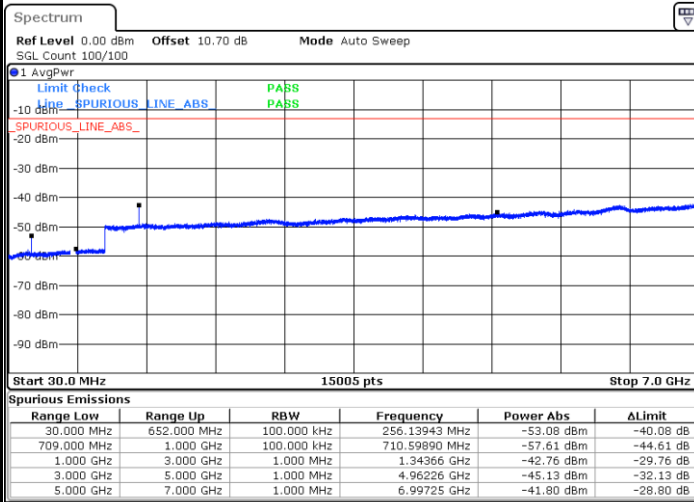


Date: 6.APR.2020 23:37:46



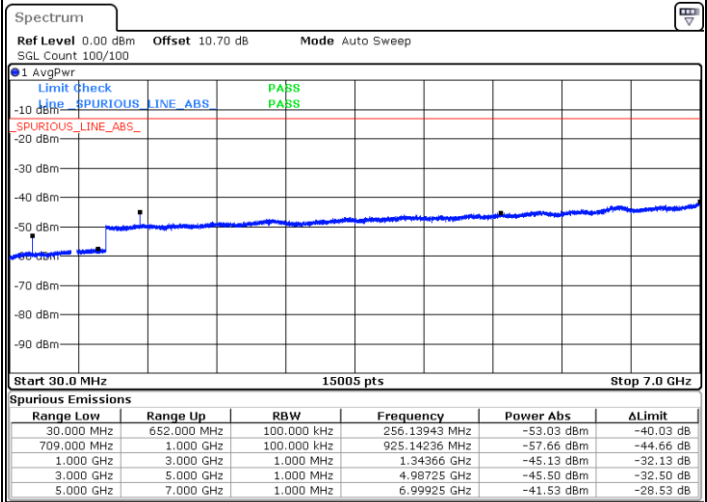
LTE Band 71 / 20MHz

Middle Channel / QPSK



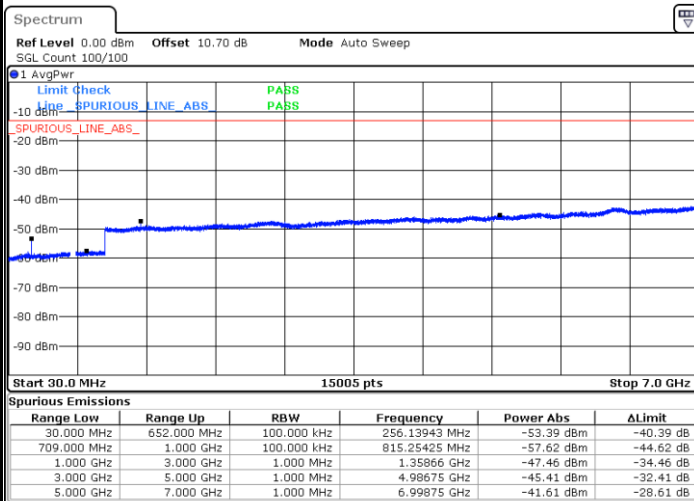
Date: 6.APR.2020 21:32:08

Middle Channel / 16QAM



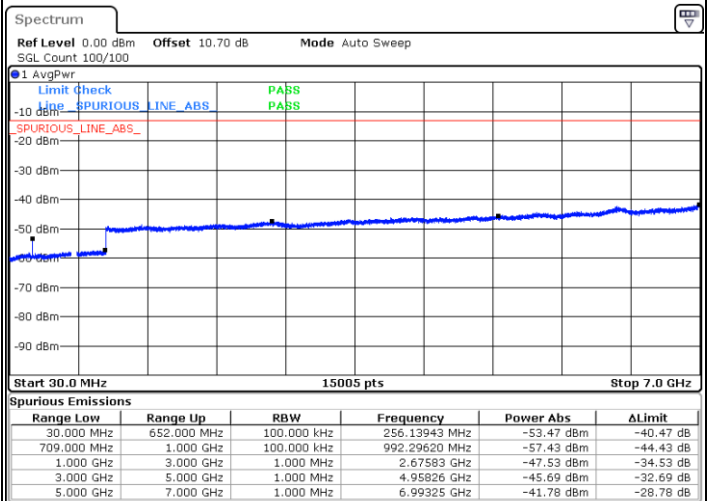
Date: 6.APR.2020 21:33:03

Highest Channel / QPSK



Date: 7.APR.2020 02:19:57

Highest Channel / 16QAM



Date: 7.APR.2020 02:21:06

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	0.0209	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0160	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0209	
0	Normal Voltage	0.0203	
-10	Normal Voltage	0.0181	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0234	
20	Maximum Voltage	0.0056	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0046	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 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 = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.48	0.2228	23.70	0.2344
Middle		3	1	23.67	0.2328	23.89	0.2449
Highest		3	1	23.71	0.2350	23.93	0.2472
Lowest	16QAM	3	3	22.11	0.1626	22.33	0.1710
Middle		3	3	22.74	0.1879	22.96	0.1977
Highest		3	3	22.45	0.1758	22.67	0.1849
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.22	0.2099	23.44	0.2208
Middle		1	8	23.44	0.2208	23.66	0.2323
Highest		1	8	23.18	0.2080	23.40	0.2188
Lowest	16QAM	1	0	22.06	0.1607	22.28	0.1690
Middle		1	0	22.63	0.1832	22.85	0.1928
Highest		1	0	22.72	0.1871	22.94	0.1968
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.54	0.2259	23.76	0.2377
Middle		1	12	23.40	0.2188	23.62	0.2301
Highest		1	12	23.76	0.2377	23.98	0.2500
Lowest	16QAM	1	12	22.56	0.1803	22.78	0.1897
Middle		1	12	22.90	0.1950	23.12	0.2051
Highest		1	12	22.49	0.1774	22.71	0.1866
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.32	0.2148	23.54	0.2259
Middle		1	25	23.59	0.2286	23.81	0.2404
Highest		1	25	23.71	0.2350	23.93	0.2472
Lowest	16QAM	1	25	22.73	0.1875	22.95	0.1972
Middle		1	25	22.24	0.1675	22.46	0.1762
Highest		1	25	22.56	0.1803	22.78	0.1897
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.50	0.2239	23.72	0.2355
Middle		1	37	23.67	0.2328	23.89	0.2449
Highest		1	37	23.61	0.2296	23.83	0.2415
Lowest	16QAM	1	37	22.61	0.1824	22.83	0.1919
Middle		1	37	22.42	0.1746	22.64	0.1837
Highest		1	37	22.91	0.1954	23.13	0.2056
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.42	0.2198	23.64	0.2312
Middle		1	49	23.78	0.2388	24.00	0.2512
Highest		1	49	23.66	0.2323	23.88	0.2443
Lowest	16QAM	1	49	22.64	0.1837	22.86	0.1932
Middle		1	49	22.77	0.1892	22.99	0.1991
Highest		1	49	22.19	0.1656	22.41	0.1742
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.52	0.2249	23.74	0.2366
Middle		3	1	23.44	0.2208	23.66	0.2323
Highest		3	1	23.80	0.2399	24.02	0.2523
Lowest	16QAM	3	3	22.38	0.1730	22.60	0.1820
Middle		3	3	22.26	0.1683	22.48	0.1770
Highest		3	3	22.81	0.1910	23.03	0.2009
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.36	0.2168	23.58	0.2280
Middle		1	8	23.21	0.2094	23.43	0.2203
Highest		1	8	23.76	0.2377	23.98	0.2500
Lowest	16QAM	1	0	22.41	0.1742	22.63	0.1832
Middle		1	0	22.66	0.1845	22.88	0.1941
Highest		1	0	22.04	0.1600	22.26	0.1683
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.55	0.2265	23.77	0.2382
Middle		1	12	23.42	0.2198	23.64	0.2312
Highest		1	12	23.65	0.2317	23.87	0.2438
Lowest	16QAM	1	0	22.48	0.1770	22.70	0.1862
Middle		1	0	22.02	0.1592	22.24	0.1675
Highest		1	0	22.41	0.1742	22.63	0.1832
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.54	0.2259	23.76	0.2377
Middle		1	25	23.53	0.2254	23.75	0.2371
Highest		1	25	23.73	0.2360	23.95	0.2483
Lowest	16QAM	1	25	22.68	0.1854	22.90	0.1950
Middle		1	25	22.13	0.1633	22.35	0.1718
Highest		1	25	22.64	0.1837	22.86	0.1932
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.42	0.2198	23.64	0.2312
Middle		1	37	23.69	0.2339	23.91	0.2460
Highest		1	37	23.84	0.2421	24.06	0.2547
Lowest	16QAM	1	0	22.67	0.1849	22.89	0.1945
Middle		1	0	22.05	0.1603	22.27	0.1687
Highest		1	0	22.09	0.1618	22.31	0.1702
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 0.22 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.43	0.2203	23.65	0.2317
Middle		1	49	23.91	0.2460	24.13	0.2588
Highest		1	49	23.46	0.2218	23.68	0.2333
Lowest	16QAM	1	49	22.41	0.1742	22.63	0.1832
Middle		1	49	22.24	0.1675	22.46	0.1762
Highest		1	49	22.51	0.1782	22.73	0.1875
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.57	0.2275	23.82	0.2410
Middle		3	1	23.77	0.2382	24.02	0.2523
Highest		3	1	23.58	0.2280	23.83	0.2415
Lowest	16QAM	3	1	22.38	0.1730	22.63	0.1832
Middle		3	1	22.93	0.1963	23.18	0.2080
Highest		3	1	22.67	0.1849	22.92	0.1959
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.48	0.2228	23.73	0.2360
Middle		1	0	23.63	0.2307	23.88	0.2443
Highest		1	0	23.43	0.2203	23.68	0.2333
Lowest	16QAM	1	14	22.00	0.1585	22.25	0.1679
Middle		1	14	22.02	0.1592	22.27	0.1687
Highest		1	14	22.59	0.1816	22.84	0.1923
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.81	0.2404	24.06	0.2547
Middle		1	12	23.60	0.2291	23.85	0.2427
Highest		1	12	23.88	0.2443	24.13	0.2588
Lowest	16QAM	1	12	22.25	0.1679	22.50	0.1778
Middle		1	12	22.47	0.1766	22.72	0.1871
Highest		1	12	22.51	0.1782	22.76	0.1888
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.73	0.2360	23.98	0.2500
Middle		1	25	23.69	0.2339	23.94	0.2477
Highest		1	25	23.92	0.2466	24.17	0.2612
Lowest	16QAM	1	49	22.72	0.1871	22.97	0.1982
Middle		1	49	22.11	0.1626	22.36	0.1722
Highest		1	49	22.29	0.1694	22.54	0.1795
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.75	0.2371	24.00	0.2512
Middle		1	37	23.69	0.2339	23.94	0.2477
Highest		1	37	23.84	0.2421	24.09	0.2564
Lowest	16QAM	1	0	22.08	0.1614	22.33	0.1710
Middle		1	0	22.60	0.1820	22.85	0.1928
Highest		1	0	22.63	0.1832	22.88	0.1941
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.75	0.2371	24.00	0.2512
Middle		1	49	23.38	0.2178	23.63	0.2307
Highest		1	49	23.97	0.2495	24.22	0.2642
Lowest	16QAM	1	0	22.24	0.1675	22.49	0.1774
Middle		1	0	22.27	0.1687	22.52	0.1786
Highest		1	0	23.10	0.2042	23.35	0.2163
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	24.07	0.2553	9.32	0.0086
Middle		3	0	23.67	0.2328	8.92	0.0078
Highest		3	0	23.72	0.2355	8.97	0.0079
Lowest	16QAM	1	3	23.09	0.2037	8.34	0.0068
Middle		1	3	22.37	0.1726	7.62	0.0058
Highest		1	3	22.92	0.1959	8.17	0.0066
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.75	0.2371	9.00	0.0079
Middle		1	8	23.51	0.2244	8.76	0.0075
Highest		1	8	23.61	0.2296	8.86	0.0077
Lowest	16QAM	1	0	22.36	0.1722	7.61	0.0058
Middle		1	0	22.76	0.1888	8.01	0.0063
Highest		1	0	22.69	0.1858	7.94	0.0062
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.02	0.2523	9.27	0.0085
Middle		1	12	23.80	0.2399	9.05	0.0080
Highest		1	12	23.67	0.2328	8.92	0.0078
Lowest	16QAM	1	12	22.81	0.1910	8.06	0.0064
Middle		1	12	23.05	0.2018	8.30	0.0068
Highest		1	12	22.49	0.1774	7.74	0.0059
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	23.77	0.2382	9.02	0.0080
Middle		1	25	23.55	0.2265	8.80	0.0076
Highest		1	25	24.08	0.2559	9.33	0.0086
Lowest	16QAM	1	25	22.72	0.1871	7.97	0.0063
Middle		1	25	22.95	0.1972	8.20	0.0066
Highest		1	25	23.09	0.2037	8.34	0.0068
Limit	ERP < 7W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	24.38	0.2742	17.23	0.0528
Middle		1	5	24.65	0.2917	17.50	0.0562
Highest		1	5	24.57	0.2864	17.42	0.0552
Lowest	16QAM	1	3	23.23	0.2104	16.08	0.0406
Middle		1	3	23.86	0.2432	16.71	0.0469
Highest		1	3	23.19	0.2084	16.04	0.0402
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	24.24	0.2655	17.09	0.0512
Middle		1	8	24.42	0.2767	17.27	0.0533
Highest		1	8	24.65	0.2917	17.50	0.0562
Lowest	16QAM	1	14	22.95	0.1972	15.80	0.0380
Middle		1	14	23.75	0.2371	16.60	0.0457
Highest		1	14	22.95	0.1972	15.80	0.0380
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.33	0.2710	17.18	0.0522
Middle		1	12	24.43	0.2773	17.28	0.0535
Highest		1	12	24.64	0.2911	17.49	0.0561
Lowest	16QAM	1	24	22.95	0.1972	15.80	0.0380
Middle		1	24	23.73	0.2360	16.58	0.0455
Highest		1	24	22.87	0.1936	15.72	0.0373
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	24.44	0.2780	17.29	0.0536
Middle		1	25	24.67	0.2931	17.52	0.0565
Highest		1	25	24.66	0.2924	17.51	0.0564
Lowest	16QAM	1	49	23.10	0.2042	15.95	0.0394
Middle		1	49	23.85	0.2427	16.70	0.0468
Highest		1	49	23.07	0.2028	15.92	0.0391
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.23	0.2104	22.90	0.1950
Middle		1	12	23.00	0.1995	22.67	0.1849
Highest		1	12	22.82	0.1914	22.49	0.1774
Lowest	16QAM	1	12	21.85	0.1531	21.52	0.1419
Middle		1	12	21.83	0.1524	21.50	0.1413
Highest		1	12	21.60	0.1445	21.27	0.1340
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.16	0.2070	22.83	0.1919
Middle		1	25	22.90	0.1950	22.57	0.1807
Highest		1	25	22.91	0.1954	22.58	0.1811
Lowest	16QAM	1	25	21.93	0.1560	21.60	0.1445
Middle		1	25	21.81	0.1517	21.48	0.1406
Highest		1	25	21.71	0.1483	21.38	0.1374
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.10	0.2042	22.77	0.1892
Middle		1	37	23.00	0.1995	22.67	0.1849
Highest		1	37	22.90	0.1950	22.57	0.1807
Lowest	16QAM	1	37	21.84	0.1528	21.51	0.1416
Middle		1	37	21.77	0.1503	21.44	0.1393
Highest		1	37	21.69	0.1476	21.36	0.1368
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.74	0.2366	23.41	0.2193
Middle		1	49	23.67	0.2328	23.34	0.2158
Highest		1	49	23.56	0.2270	23.23	0.2104
Lowest	16QAM	1	49	22.47	0.1766	22.14	0.1637
Middle		1	49	22.28	0.1690	21.95	0.1567
Highest		1	49	22.21	0.1663	21.88	0.1542
Limit	EIRP < 2W			Result		PASS	



LTE Band 41(HPUE) / 5MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	25.80	0.3802	25.47	0.3524
Middle		1	24	25.82	0.3819	25.49	0.3540
Highest		1	24	25.79	0.3793	25.46	0.3516
Lowest	16QAM	1	12	24.81	0.3027	24.48	0.2805
Middle		1	12	24.66	0.2924	24.33	0.2710
Highest		1	12	24.61	0.2891	24.28	0.2679
Limit	EIRP < 2W			Result		PASS	

LTE Band 41(HPUE) / 10MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	25.73	0.3741	25.40	0.3467
Middle		1	25	25.53	0.3573	25.20	0.3311
Highest		1	25	25.84	0.3837	25.51	0.3556
Lowest	16QAM	1	25	24.79	0.3013	24.46	0.2793
Middle		1	25	24.70	0.2951	24.37	0.2735
Highest		1	25	24.77	0.2999	24.44	0.2780
Limit	EIRP < 2W			Result		PASS	

LTE Band 41(HPUE) / 15MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	25.89	0.3882	25.56	0.3597
Middle		1	74	25.84	0.3837	25.51	0.3556
Highest		1	74	25.75	0.3758	25.42	0.3483
Lowest	16QAM	1	37	24.85	0.3055	24.52	0.2831
Middle		1	37	24.78	0.3006	24.45	0.2786
Highest		1	37	24.80	0.3020	24.47	0.2799
Limit	EIRP < 2W			Result		PASS	



LTE Band 41(HPUE) / 20MHz (Average) (GT - LC = -0.33 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	25.90	0.3890	25.57	0.3606
Middle		1	99	25.90	0.3890	25.57	0.3606
Highest		1	99	25.85	0.3846	25.52	0.3565
Lowest	16QAM	1	49	24.89	0.3083	24.56	0.2858
Middle		1	49	24.79	0.3013	24.46	0.2793
Highest		1	49	24.80	0.3020	24.47	0.2799
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	24.86	0.3062	10.11	0.0103
Middle		3	0	24.59	0.2877	9.84	0.0096
Highest		3	0	24.65	0.2917	9.90	0.0098
Lowest	16QAM	1	3	23.96	0.2489	9.21	0.0083
Middle		1	3	23.56	0.2270	8.81	0.0076
Highest		1	3	23.37	0.2173	8.62	0.0073
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.66	0.2924	9.91	0.0098
Middle		1	0	24.62	0.2897	9.87	0.0097
Highest		1	0	24.70	0.2951	9.95	0.0099
Lowest	16QAM	1	0	23.57	0.2275	8.82	0.0076
Middle		1	0	23.04	0.2014	8.29	0.0067
Highest		1	0	23.08	0.2032	8.33	0.0068
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.87	0.3069	10.12	0.0103
Middle		1	12	24.74	0.2979	9.99	0.0100
Highest		1	12	24.73	0.2972	9.98	0.0100
Lowest	16QAM	1	0	23.32	0.2148	8.57	0.0072
Middle		1	0	23.16	0.2070	8.41	0.0069
Highest		1	0	23.76	0.2377	9.01	0.0080
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	24.72	0.2965	9.97	0.0099
Middle		1	25	24.68	0.2938	9.93	0.0098
Highest		1	25	24.85	0.3055	10.10	0.0102
Lowest	16QAM	1	25	23.57	0.2275	8.82	0.0076
Middle		1	25	23.34	0.2158	8.59	0.0072
Highest		1	25	23.46	0.2218	8.71	0.0074
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	37	24.78	0.3006	10.03	0.0101
Middle		1	37	24.88	0.3076	10.13	0.0103
Highest		1	37	24.74	0.2979	9.99	0.0100
Lowest	16QAM	1	37	23.82	0.2410	9.07	0.0081
Middle		1	37	23.15	0.2065	8.40	0.0069
Highest		1	37	23.83	0.2415	9.08	0.0081
Limit	ERP < 7W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.49	0.2234	23.74	0.2366
Middle		3	1	23.60	0.2291	23.85	0.2427
Highest		3	1	23.42	0.2198	23.67	0.2328
Lowest	16QAM	1	0	22.60	0.1820	22.85	0.1928
Middle		1	0	22.71	0.1866	22.96	0.1977
Highest		1	0	22.09	0.1618	22.34	0.1714
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.64	0.2312	23.89	0.2449
Middle		1	8	23.44	0.2208	23.69	0.2339
Highest		1	8	23.38	0.2178	23.63	0.2307
Lowest	16QAM	1	8	22.53	0.1791	22.78	0.1897
Middle		1	8	22.04	0.1600	22.29	0.1694
Highest		1	8	22.08	0.1614	22.33	0.1710
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.53	0.2254	23.78	0.2388
Middle		1	12	23.49	0.2234	23.74	0.2366
Highest		1	12	23.41	0.2193	23.66	0.2323
Lowest	16QAM	1	12	22.25	0.1679	22.50	0.1778
Middle		1	12	22.23	0.1671	22.48	0.1770
Highest		1	12	22.79	0.1901	23.04	0.2014
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.64	0.2312	23.89	0.2449
Middle		1	25	23.63	0.2307	23.88	0.2443
Highest		1	25	23.52	0.2249	23.77	0.2382
Lowest	16QAM	1	25	22.24	0.1675	22.49	0.1774
Middle		1	25	22.24	0.1675	22.49	0.1774
Highest		1	25	22.14	0.1637	22.39	0.1734
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.67	0.2328	23.92	0.2466
Middle		1	37	23.51	0.2244	23.76	0.2377
Highest		1	37	23.64	0.2312	23.89	0.2449
Lowest	16QAM	1	0	22.08	0.1614	22.33	0.1710
Middle		1	0	22.84	0.1923	23.09	0.2037
Highest		1	0	22.07	0.1611	22.32	0.1706
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 0.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.56	0.2270	23.81	0.2404
Middle		1	49	23.79	0.2393	24.04	0.2535
Highest		1	49	23.59	0.2286	23.84	0.2421
Lowest	16QAM	1	49	22.93	0.1963	23.18	0.2080
Middle		1	49	22.16	0.1644	22.41	0.1742
Highest		1	49	22.70	0.1862	22.95	0.1972
Limit	EIRP < 1W			Result		PASS	



LTE Band 71 / 5MHz (Average) (GT - LC = -3.15 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.74	0.2979	19.44	0.0879
Middle		1	12	24.72	0.2965	19.42	0.0875
Highest		1	12	24.85	0.3055	19.55	0.0902
Lowest	16QAM	1	12	23.18	0.2080	17.88	0.0614
Middle		1	12	23.62	0.2301	18.32	0.0679
Highest		1	12	23.10	0.2042	17.80	0.0603
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 10MHz (Average) (GT - LC = -3.15 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	24.78	0.3006	19.48	0.0887
Middle		1	25	24.71	0.2958	19.41	0.0873
Highest		1	25	24.87	0.3069	19.57	0.0906
Lowest	16QAM	1	25	23.15	0.2065	17.85	0.0610
Middle		1	25	23.67	0.2328	18.37	0.0687
Highest		1	25	23.03	0.2009	17.73	0.0593
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 15MHz (Average) (GT - LC = -3.15 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	37	24.79	0.3013	19.49	0.0889
Middle		1	37	24.67	0.2931	19.37	0.0865
Highest		1	37	24.84	0.3048	19.54	0.0899
Lowest	16QAM	1	37	23.19	0.2084	17.89	0.0615
Middle		1	37	23.63	0.2307	18.33	0.0681
Highest		1	37	23.11	0.2046	17.81	0.0604
Limit	ERP < 3W			Result		PASS	



LTE Band 71 / 20MHz (Average) (GT - LC = -3.15 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	EIRP(dBm)	EIRP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	24.80	0.3020	19.50	0.0891
Middle		1	49	24.75	0.2985	19.45	0.0881
Highest		1	49	24.88	0.3076	19.58	0.0908
Lowest	16QAM	1	49	23.22	0.2099	17.92	0.0619
Middle		1	49	23.71	0.2350	18.41	0.0693
Highest		1	49	23.12	0.2051	17.82	0.0605
Limit	ERP < 3W			Result		PASS	

**Radiated Spurious Emission****LTE Band 5**

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1658.18	-54.12	-13	-41.12	-64.99	-60.00	0.70	8.73	H
	2487.27	-50.50	-13	-37.50	-66.18	-58.18	0.95	10.78	H
	3316.36	-48.95	-13	-35.95	-66.81	-57.49	1.21	11.90	H
									H
									H
									H
	1658.18	-53.48	-13	-40.48	-64.24	-59.36	0.70	8.73	V
	2487.27	-50.11	-13	-37.11	-65.76	-57.79	0.95	10.78	V
	3316.36	-48.01	-13	-35.01	-65.65	-56.55	1.21	11.90	V
									V
									V
									V
Middle	1673.18	-53.38	-13	-40.38	-64.33	-59.32	0.71	8.79	H
	2509.77	-48.71	-13	-35.71	-64.4	-56.41	0.95	10.81	H
	3346.36	-48.52	-13	-35.52	-66.29	-57.12	1.21	11.96	H
									H
									H
									H
	1673.18	-53.37	-13	-40.37	-64.23	-59.31	0.71	8.79	V
	2509.77	-50.07	-13	-37.07	-65.78	-57.77	0.95	10.81	V
	3346.36	-48.24	-13	-35.24	-65.71	-56.84	1.21	11.96	V
									V
									V
									V



Highest	1688.18	-53.41	-13	-40.41	-64.43	-59.40	0.72	8.85	H
	2532.27	-49.29	-13	-36.29	-65.03	-57.00	0.96	10.83	H
	3376.36	-49.31	-13	-36.31	-67	-57.97	1.22	12.03	H
									H
									H
									H
	1688.18	-52.65	-13	-39.65	-63.59	-58.64	0.72	8.85	V
	2532.27	-50.00	-13	-37.00	-65.95	-57.71	0.96	10.83	V
	3376.36	-48.48	-13	-35.48	-65.77	-57.14	1.22	12.03	V
									V
									V
									V

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

**LTE Band 26**

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	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	1663	-53.77	-13	-40.77	-64.66	-59.67	0.70	8.75	H
	2494.5	-49.86	-13	-36.86	-65.54	-57.55	0.95	10.79	H
	3326	-48.41	-13	-35.41	-66.24	-56.97	1.21	11.92	H
									H
									H
									H
									H
	1663	-53.80	-13	-40.80	-64.66	-59.70	0.70	8.75	V
	2494.5	-49.19	-13	-36.19	-64.83	-56.88	0.95	10.79	V
	3326	-49.05	-13	-36.05	-66.63	-57.61	1.21	11.92	V
									V
									V
									V
									V
Middle	1673	-54.04	-13	-41.04	-64.98	-59.98	0.71	8.79	H
	2509.5	-48.87	-13	-35.87	-64.56	-56.57	0.95	10.81	H
	3346	-48.89	-13	-35.89	-66.66	-57.49	1.21	11.96	H
									H
									H
									H
									H
	1673	-53.28	-13	-40.28	-64.13	-59.22	0.71	8.79	V
	2509.5	-49.85	-13	-36.85	-65.56	-57.55	0.95	10.81	V
	3346	-48.74	-13	-35.74	-66.21	-57.34	1.21	11.96	V
									V
									V
									V
									V



Highest	1683	-52.30	-13	-39.30	-63.3	-58.27	0.71	8.83	H
	2524.5	-50.33	-13	-37.33	-66.06	-58.04	0.96	10.82	H
	3366	-48.19	-13	-35.19	-65.91	-56.83	1.22	12.01	H
									H
									H
									H
									H
	1683	-53.85	-13	-40.85	-64.76	-59.82	0.71	8.83	V
	2524.5	-50.27	-13	-37.27	-66.15	-57.98	0.96	10.82	V
	3366	-49.59	-13	-36.59	-66.95	-58.23	1.22	12.01	V
									V
									V
									V
									V

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

**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	3719.82	-44.39	-13	-31.39	-64.7	-55.42	1.44	12.48	H
	5579.73	-32.44	-13	-19.44	-56.11	-43.72	2.00	13.28	H
	7439.64	-38.79	-13	-25.79	-66.52	-47.96	2.19	11.36	H
									H
									H
									H
									H
	3719.82	-43.46	-13	-30.46	-63.48	-54.49	1.44	12.48	V
	5579.73	-32.48	-13	-19.48	-56.41	-43.76	2.00	13.28	V
	7439.64	-35.35	-13	-22.35	-62.85	-44.52	2.19	11.36	V
									V
									V
									V
									V
Middle	3759.82	-44.09	-13	-31.09	-64.47	-55.12	1.48	12.51	H
	5639.73	-32.74	-13	-19.74	-56.43	-44.01	2.00	13.27	H
	7519.64	-38.37	-13	-25.37	-65.99	-47.48	2.18	11.30	H
									H
									H
									H
									H
	3759.82	-45.22	-13	-32.22	-65.68	-56.25	1.48	12.51	V
	5639.73	-32.37	-13	-19.37	-56.35	-43.64	2.00	13.27	V
	7519.64	-33.77	-13	-20.77	-61.54	-42.88	2.18	11.30	V
									V
									V
									V
									V



Highest	3799.82	-45.47	-13	-32.47	-65.93	-56.50	1.51	12.54	H
	5699.73	-32.61	-13	-19.61	-56.37	-43.88	1.99	13.26	H
	7599.64	-37.26	-13	-24.26	-64.32	-46.30	2.24	11.28	H
									H
									H
									H
									H
	3799.82	-46.61	-13	-33.61	-66.86	-57.64	1.51	12.54	V
	5699.73	-31.56	-13	-18.56	-55.59	-42.83	1.99	13.26	V
	7599.64	-32.28	-13	-19.28	-59.58	-41.32	2.24	11.28	V
									V
									V
									V
									V

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

**LTE Band 25**

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3721	-43.64	-13	-30.64	-63.95	-54.67	1.44	12.48	H
	5583	-31.24	-13	-18.24	-54.91	-42.52	2.00	13.28	H
	7438	-36.01	-13	-23.01	-63.74	-45.18	2.19	11.36	H
									H
									H
									H
									H
	3719.82	-45.53	-13	-32.53	-65.55	-56.56	1.44	12.48	V
	5583	-30.44	-13	-17.44	-54.38	-41.72	2.00	13.28	V
	7438	-33.55	-13	-20.55	-61.03	-42.72	2.19	11.36	V
									V
									V
									V
									V
Middle	3760	-44.92	-13	-31.92	-65.3	-55.95	1.48	12.51	H
	5639	-33.48	-13	-20.48	-57.16	-44.75	2.00	13.27	H
	7519	-37.51	-13	-24.51	-65.13	-46.62	2.18	11.30	H
									H
									H
									H
									H
	3760	-46.18	-13	-33.18	-66.31	-57.21	1.48	12.51	V
	5639	-31.71	-13	-18.71	-55.69	-42.98	2.00	13.27	V
	7522	-32.29	-13	-19.29	-60.04	-41.40	2.19	11.30	V
									V
									V
									V
									V



Highest	3809.82	-46.31	-13	-33.31	-66.78	-57.34	1.52	12.55	H
	5716	-32.82	-13	-19.82	-56.6	-44.08	1.99	13.26	H
	7620	-37.37	-13	-24.37	-64.43	-46.39	2.25	11.28	H
									H
									H
									H
									H
	3809.82	-46.69	-13	-33.69	-66.97	-57.72	1.52	12.55	V
	5716	-30.48	-13	-17.48	-54.52	-41.74	1.99	13.26	V
	7620	-28.57	-13	-15.57	-55.86	-37.59	2.25	11.28	V
									V
									V
									V
									V

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

**LTE Band 4**

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3439	-48.12	-13	-35.12	-66.99	-59.05	1.24	12.17	H
	5156	-38.45	-13	-25.45	-62.16	-49.37	1.97	12.89	H
	6879	-39.96	-13	-26.96	-65.22	-49.02	2.35	11.41	H
									H
									H
									H
									H
	3439	-47.94	-13	-34.94	-66.47	-58.87	1.24	12.17	V
	5156	-37.66	-13	-24.66	-61.05	-48.58	1.97	12.89	V
	6879	-41.17	-13	-28.17	-66.4	-50.23	2.35	11.41	V
									V
									V
									V
									V
Middle	3464.82	-45.96	-13	-32.96	-65.1	-56.94	1.24	12.22	H
	5198	-37.52	-13	-24.52	-61.36	-48.48	1.97	12.94	H
	6929	-37.86	-13	-24.86	-63.55	-47.08	2.36	11.57	H
	8663	-36.70	-13	-23.70	-63.42	-45.23	2.44	10.97	H
									H
									H
									H
	3462	-45.51	-13	-32.51	-64.35	-56.49	1.24	12.22	V
	5198	-36.25	-13	-23.25	-59.65	-47.21	1.97	12.94	V
	6929	-39.20	-13	-26.20	-65.03	-48.42	2.36	11.57	V
	8662	-36.20	-13	-23.20	-64.63	-44.73	2.44	10.97	V
									V
									V
									V



Highest	3490	-44.42	-13	-31.42	-63.83	-55.45	1.25	12.28	H
	5233	-31.77	-13	-18.77	-55.59	-42.77	1.98	12.98	H
	6983	-34.28	-13	-21.28	-60.48	-43.66	2.37	11.75	H
	8726	-31.93	-13	-18.93	-61.01	-40.44	2.44	10.95	H
	10470	-34.50	-13	-21.50	-66.64	-42.88	2.63	11.01	H
	12215	-31.82	-13	-18.82	-65.64	-42.23	2.79	13.20	H
	13960	-29.88	-13	-16.88	-64.9	-40.17	2.52	12.82	H
	15705	-26.46	-13	-13.46	-63.89	-39.06	3.02	15.62	H
	3490	-42.86	-13	-29.86	-62.09	-53.89	1.25	12.28	V
	5233	-32.19	-13	-19.19	-55.65	-43.19	1.98	12.98	V
	6983	-35.82	-13	-22.82	-62.29	-45.20	2.37	11.75	V
	8726	-36.17	-13	-23.17	-64.86	-44.68	2.44	10.95	V
	10469	-35.06	-13	-22.06	-67	-43.45	2.63	11.01	V
	12214	-32.96	-13	-19.96	-65.81	-43.37	2.79	13.20	V
	13959	-29.13	-13	-16.13	-64.44	-39.42	2.52	12.82	V
	15704	-25.58	-13	-12.58	-61.71	-38.18	3.02	15.62	V

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

**LTE Band 66**

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	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	3441	-47.69	-13	-34.69	-66.59	-58.62	1.24	12.17	H
	5156	-36.05	-13	-23.05	-59.76	-46.97	1.97	12.89	H
	6879.64	-40.66	-13	-27.66	-65.92	-49.72	2.35	11.41	H
	8600	-35.86	-13	-22.86	-64.22	-44.40	2.44	10.98	H
	10320	-33.41	-13	-20.41	-65.49	-41.92	2.56	11.07	H
	12039.37	-29.35	-13	-16.35	-63.17	-39.55	2.76	12.95	H
	13759.28	-29.36	-13	-16.36	-64.99	-39.58	2.68	12.90	H
	15480	-26.16	-13	-13.16	-62.54	-37.92	2.95	14.72	H
	3441	-47.06	-13	-34.06	-65.62	-57.99	1.24	12.17	V
	5156	-35.77	-13	-22.77	-59.16	-46.69	1.97	12.89	V
	6879.64	-40.54	-13	-27.54	-65.78	-49.60	2.35	11.41	V
	8600	-33.13	-13	-20.13	-61.31	-41.67	2.44	10.98	V
	10320	-34.14	-13	-21.14	-65.87	-42.65	2.56	11.07	V
	12039.37	-31.19	-13	-18.19	-64.42	-41.39	2.76	12.95	V
	13759.28	-29.27	-13	-16.27	-64.72	-39.49	2.68	12.90	V
	15480	-29.59	-13	-16.59	-65.89	-41.35	2.95	14.72	V



Middle	3490	-40.35	-13	-27.35	-59.76	-51.38	1.25	12.28	H
	5233	-30.13	-13	-17.13	-53.95	-41.13	1.98	12.98	H
	6983	-34.63	-13	-21.63	-60.83	-44.01	2.37	11.75	H
	8726	-34.04	-13	-21.04	-63.12	-42.55	2.44	10.95	H
	10472	-33.43	-13	-20.43	-65.57	-41.81	2.63	11.01	H
	12216	-31.43	-13	-18.43	-65.25	-41.84	2.79	13.20	H
	13960	-27.87	-13	-14.87	-62.89	-38.16	2.52	12.82	H
	15704	-22.60	-13	-9.60	-60.03	-35.20	3.02	15.62	H
	3490	-42.29	-13	-29.29	-61.52	-53.32	1.25	12.28	V
	5233	-29.99	-13	-16.99	-53.45	-40.99	1.98	12.98	V
	6983	-32.98	-13	-19.98	-59.45	-42.36	2.37	11.75	V
	8726	-30.76	-13	-17.76	-59.45	-39.27	2.44	10.95	V
	10472	-34.10	-13	-21.10	-66.05	-42.48	2.63	11.01	V
	12216	-31.63	-13	-18.63	-64.48	-42.04	2.79	13.20	V
	13960	-29.54	-13	-16.54	-64.85	-39.83	2.52	12.82	V
	15704	-27.51	-13	-14.51	-63.64	-40.11	3.02	15.62	V



Highest	3539	-45.88	-13	-32.88	-65.61	-56.93	1.28	12.33	H
	5310	-28.45	-13	-15.45	-52.2	-39.53	1.99	13.07	H
	7081	-35.20	-13	-22.20	-62.01	-44.58	2.34	11.72	H
	8849.55	-35.65	-13	-22.65	-65.1	-44.13	2.45	10.93	H
	10616	-32.85	-13	-19.85	-65.04	-41.20	2.63	10.98	H
	12389.37	-31.54	-13	-18.54	-65.38	-42.16	2.83	13.44	H
	14159.28	-30.33	-13	-17.33	-64.91	-40.32	2.56	12.55	H
	15928	-23.57	-13	-10.57	-61.46	-36.99	3.10	16.51	H
	3539	-46.11	-13	-33.11	-65.59	-57.16	1.28	12.33	V
	5310	-29.08	-13	-16.08	-52.69	-40.16	1.99	13.07	V
	7081	-34.27	-13	-21.27	-61.23	-43.65	2.34	11.72	V
	8849.55	-34.54	-13	-21.54	-63.38	-43.02	2.45	10.93	V
	10616	-32.51	-13	-19.51	-64.73	-40.86	2.63	10.98	V
	12389.37	-33.01	-13	-20.01	-65.49	-43.63	2.83	13.44	V
	14159.28	-29.54	-13	-16.54	-64.93	-39.53	2.56	12.55	V
	15928	-27.02	-13	-14.02	-63.01	-40.44	3.10	16.51	V

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

**LTE Band 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-51.46	-13.00	-38.46	-63.35	-56.44	0.58	7.71	H
	2112	-47.03	-13.00	-34.03	-62.35	-54.23	0.90	10.26	H
	2816.36	-49.16	-13.00	-36.16	-65.91	-57.00	1.06	11.05	H
	3520.45	-48.41	-13.00	-35.41	-67.29	-57.31	1.27	12.32	H
	4224.54	-45.51	-13.00	-32.51	-66.49	-54.28	1.73	12.66	H
									H
									H
	1408	-51.06	-13.00	-38.06	-62.97	-56.04	0.58	7.71	V
	2112	-40.28	-13.00	-27.28	-55.58	-47.48	0.90	10.26	V
	2816.36	-48.26	-13.00	-35.26	-65.52	-56.10	1.06	11.05	V
	3520	-46.89	-13.00	-33.89	-65.57	-55.79	1.27	12.32	V
	4224	-41.98	-13.00	-28.98	-63.06	-50.75	1.73	12.66	V
									V
									V
Middle	1416	-50.64	-13.00	-37.64	-62.48	-55.65	0.59	7.75	H
	2120	-45.55	-13.00	-32.55	-61.01	-52.76	0.90	10.27	H
	2836.36	-48.92	-13.00	-35.92	-65.74	-56.77	1.07	11.07	H
	3536	-47.53	-13.00	-34.53	-66.51	-56.43	1.28	12.33	H
	4245.54	-45.45	-13.00	-32.45	-66.52	-54.21	1.74	12.65	H
									H
									H
	1416	-51.24	-13.00	-38.24	-63.06	-56.25	0.59	7.75	V
	2120	-41.14	-13.00	-28.14	-56.58	-48.35	0.90	10.27	V
	2830.36	-48.80	-13.00	-35.80	-66.05	-56.65	1.07	11.06	V
	3536	-46.98	-13.00	-33.98	-65.72	-55.88	1.28	12.33	V
	4245	-43.45	-13.00	-30.45	-64.66	-52.21	1.74	12.65	V
									V
									V



Highest	1424	-50.05	-13.00	-37.05	-61.84	-55.09	0.59	7.78	H
	2136	-47.52	-13.00	-34.52	-63.28	-54.75	0.91	10.29	H
	2844.36	-49.44	-13.00	-36.44	-66.34	-57.29	1.07	11.08	H
	3555.45	-48.25	-13.00	-35.25	-67.35	-57.15	1.30	12.34	H
	4266.54	-45.14	-13.00	-32.14	-66.31	-53.89	1.74	12.65	H
	4976	-43.80	-13.00	-30.80	-66.82	-52.40	1.94	12.70	H
									H
	1424	-48.87	-13.00	-35.87	-60.60	-53.91	0.59	7.78	V
	2136	-42.37	-13.00	-29.37	-58.11	-49.60	0.91	10.29	V
	2844.36	-48.59	-13.00	-35.59	-65.85	-56.44	1.07	11.08	V
	3555.45	-47.92	-13.00	-34.92	-66.72	-56.82	1.30	12.34	V
	4266	-43.77	-13.00	-30.77	-65.11	-52.52	1.74	12.65	V
	4977	-42.41	-13.00	-29.41	-65.55	-51.01	1.94	12.70	V
									V

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

**LTE Band 41 (HPUE)**

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	4994.18	-40.61	-25	-15.61	-63.81	-51.36	1.95	12.70	H
	7491.27	-37.00	-25	-12.00	-64.74	-46.14	2.17	11.31	H
	9988.36	-43.82	-25	-18.82	-75.74	-52.60	2.43	11.21	H
	12485.45	-41.88	-25	-16.88	-75.73	-52.61	2.85	13.58	H
	14982.54	-39.64	-25	-14.64	-75.31	-49.29	3.03	12.67	H
									H
									H
	4994.18	-42.24	-25	-17.24	-65.57	-52.99	1.95	12.70	V
	7491.27	-43.62	-25	-18.62	-71.44	-52.76	2.17	11.31	V
	9988.36	-45.38	-25	-20.38	-76.65	-54.16	2.43	11.21	V
	12485.45	-42.12	-25	-17.12	-74.39	-52.85	2.85	13.58	V
	14982.54	-36.26	-25	-11.26	-73.01	-45.91	3.03	12.67	V
									V
									V
Middle	5168.18	-46.49	-25	-21.49	-70.23	-57.42	1.97	12.90	H
	7752.27	-32.72	-25	-7.72	-59.79	-41.62	2.35	11.25	H
	10336.36	-44.03	-25	-19.03	-76.11	-52.52	2.57	11.07	H
	12920.45	-39.51	-25	-14.51	-74.88	-50.19	2.75	13.43	H
									H
									H
									H
	5168.18	-44.32	-25	-19.32	-67.71	-55.25	1.97	12.90	V
	7752.27	-36.70	-25	-11.70	-63.88	-45.60	2.35	11.25	V
	10336.36	-43.59	-25	-18.59	-75.33	-52.08	2.57	11.07	V
	12920.45	-39.94	-25	-14.94	-74.07	-50.62	2.75	13.43	V
									V
									V
									V



Highest	5342.18	-45.81	-25	-20.81	-69.53	-56.93	1.99	13.11	H
	8013.27	-38.90	-25	-13.90	-67.59	-47.58	2.52	11.19	H
	10684.36	-44.05	-25	-19.05	-76.27	-52.39	2.63	10.96	H
									H
									H
									H
									H
	5342.18	-43.30	-25	-18.30	-66.97	-54.42	1.99	13.11	V
	8013.27	-41.34	-25	-16.34	-69.87	-50.02	2.52	11.19	V
	10684.36	-44.00	-25	-19.00	-76.37	-52.34	2.63	10.96	V
									V
									V
									V
									V

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

**LTE Band 71**

LTE Band 71 / 20MHz / 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	1344	-47.49	-13	-34.49	-59.23	-54.37	0.57	7.44	H
	2016	-46.05	-13	-33.05	-59.59	-55.28	0.89	10.12	H
	2731	-49.47	-13	-36.47	-65.86	-59.42	1.03	10.98	H
									H
									H
									H
									H
	1344	-44.78	-13	-31.78	-56.37	-51.66	0.57	7.44	V
	2016	-40.97	-13	-27.97	-54.49	-50.20	0.89	10.12	V
	2731	-48.56	-13	-35.56	-65.61	-58.51	1.03	10.98	V
									V
									V
									V
									V
Middle	1368	-49.59	-13	-36.59	-61.38	-56.56	0.57	7.55	H
	2048	-44.84	-13	-31.84	-58.97	-54.11	0.90	10.17	H
	2731	-49.15	-13	-36.15	-65.54	-59.10	1.03	10.98	H
	1368	-49.59	-13	-36.59	-61.38	-56.56	0.57	7.55	H
									H
									H
									H
	1368	-45.37	-13	-32.37	-57.1	-52.34	0.57	7.55	V
	2048	-39.63	-13	-26.63	-53.74	-48.90	0.90	10.17	V
	2731	-47.92	-13	-34.92	-64.97	-57.87	1.03	10.98	V
									V
									V
									V
									V



Highest	1375.82	-52.45	-13	-39.45	-64.32	-59.45	0.58	7.58	H
	2064	-42.89	-13	-29.89	-57.32	-52.18	0.90	10.19	H
	2751.64	-49.49	-13	-36.49	-65.97	-59.45	1.04	11.00	H
									H
									H
									H
									H
	1376	-49.77	-13	-36.77	-61.61	-56.77	0.58	7.58	V
	2064	-38.79	-13	-25.79	-53.19	-48.08	0.90	10.19	V
	2751	-48.60	-13	-35.60	-65.72	-58.56	1.04	11.00	V
									V
									V
									V
									V

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