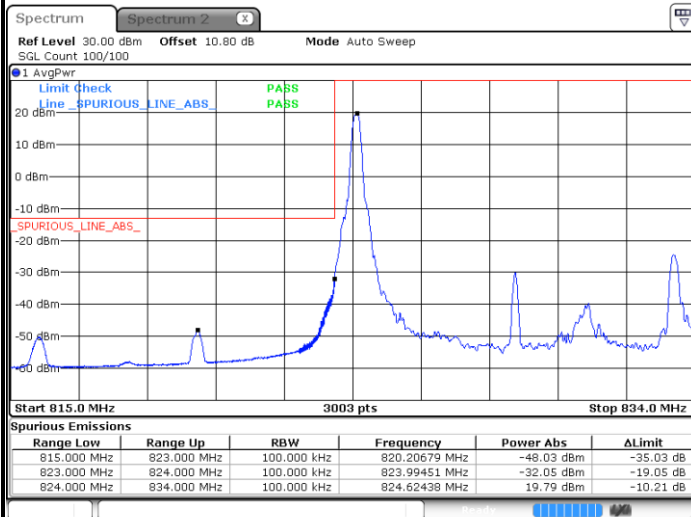


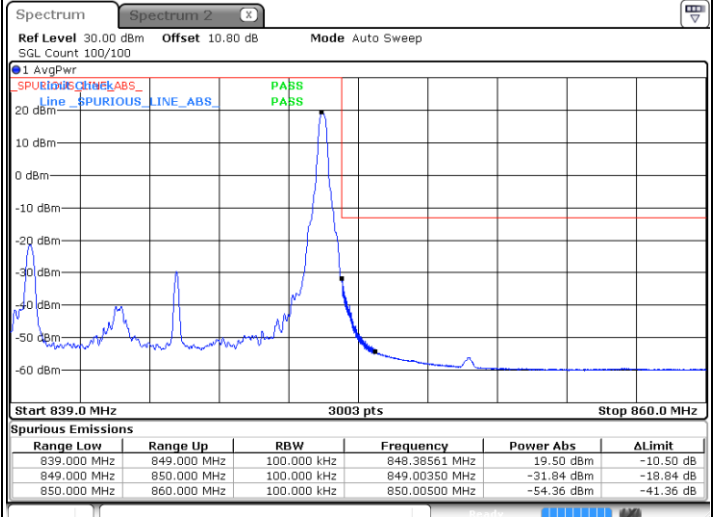


LTE Band 26 / 10MHz / QPSK

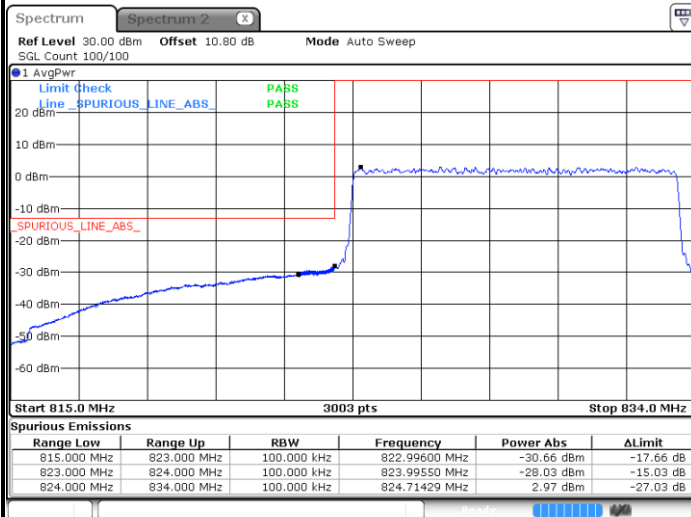
Lowest Band Edge / 1 RB



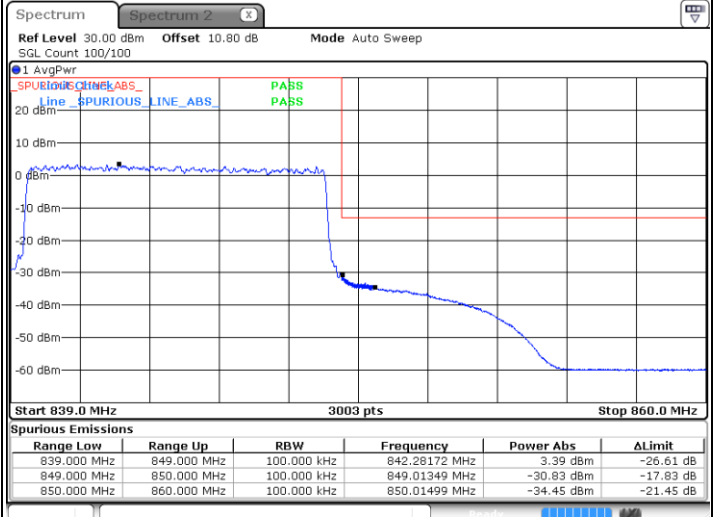
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



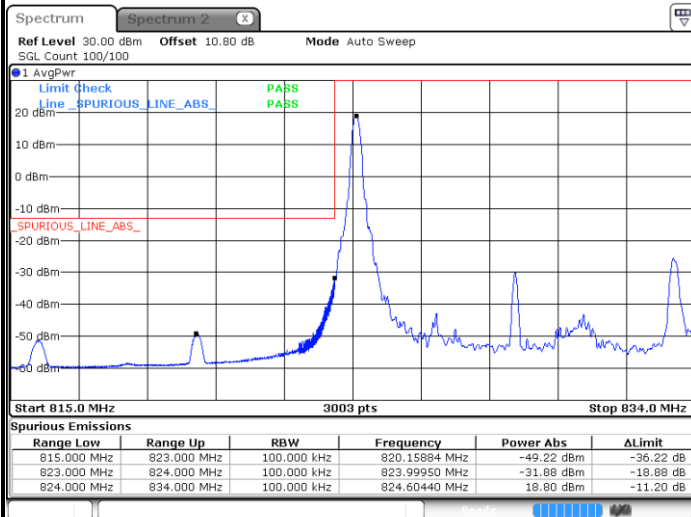
Highest Band Edge / Full RB



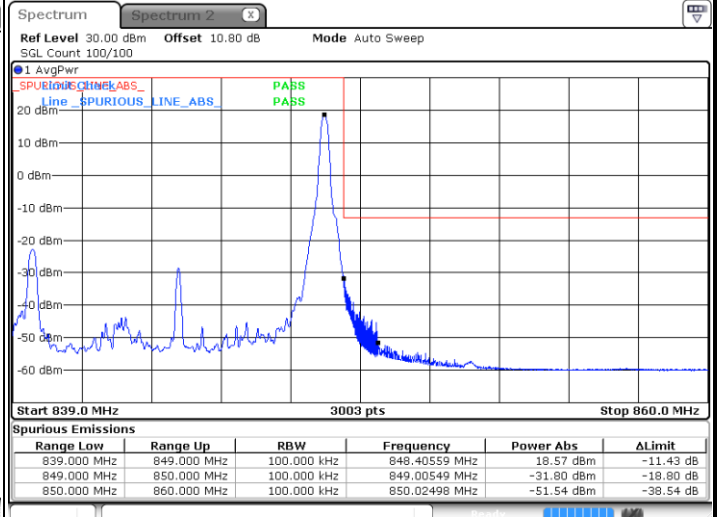


LTE Band 26 / 10MHz / 16QAM

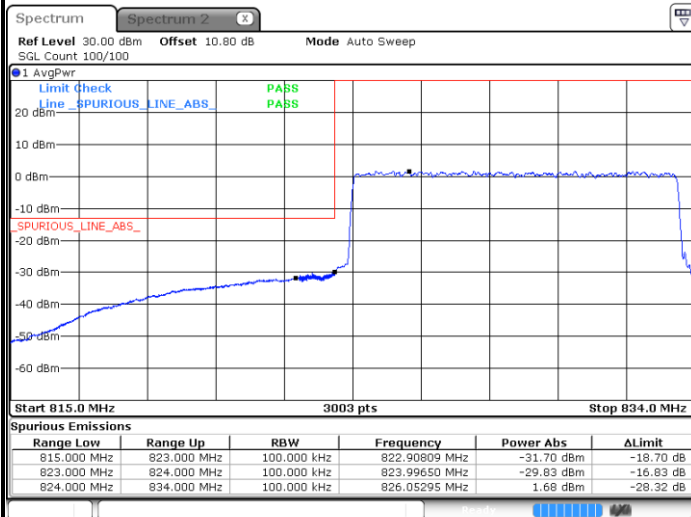
Lowest Band Edge / 1 RB



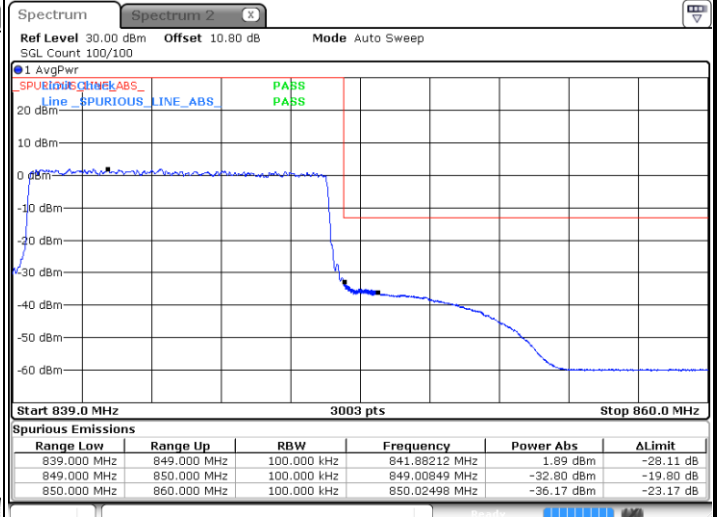
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



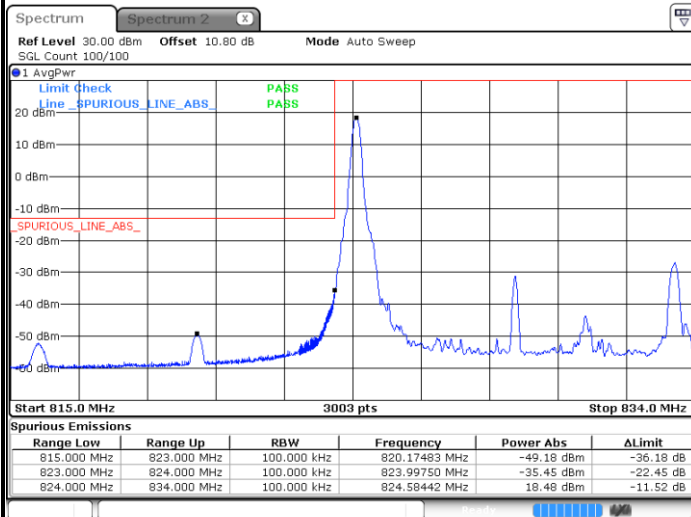
Highest Band Edge / Full RB



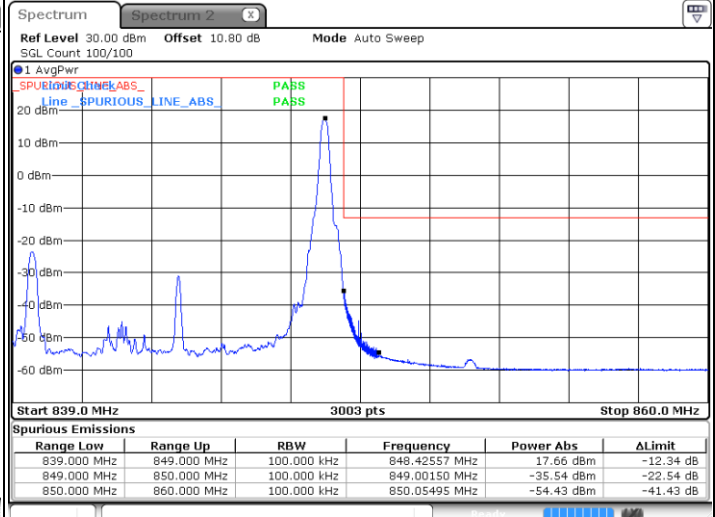


LTE Band 26 / 10MHz / 64QAM

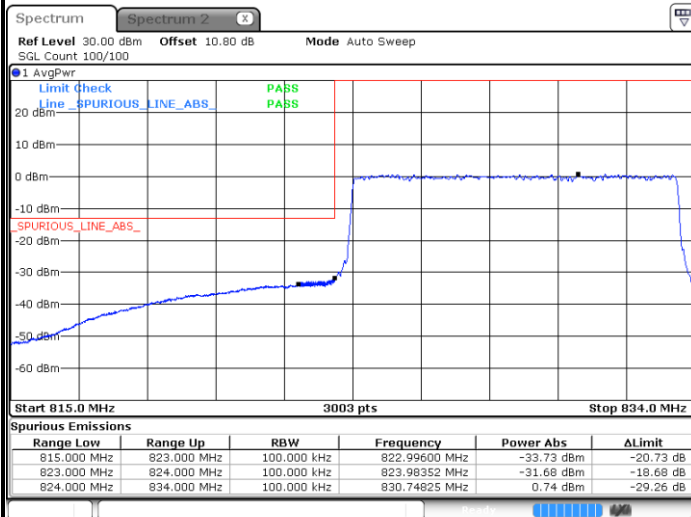
Lowest Band Edge / 1 RB



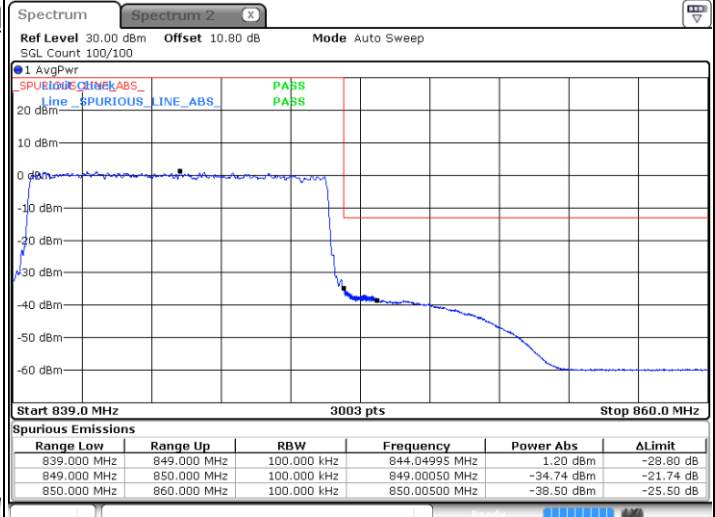
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



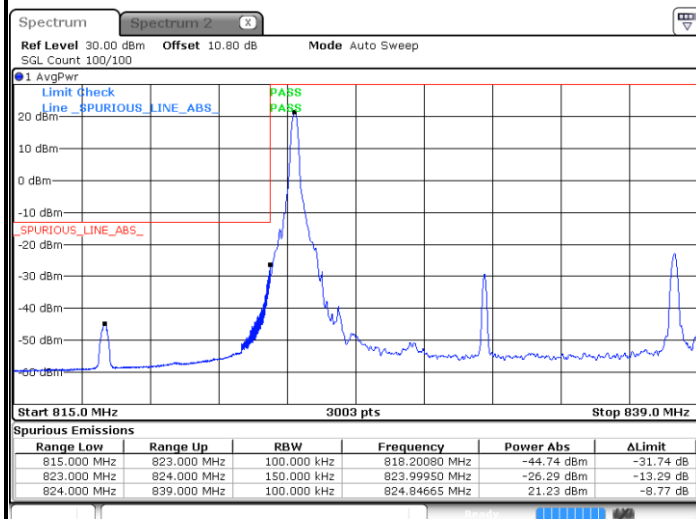
Highest Band Edge / Full RB



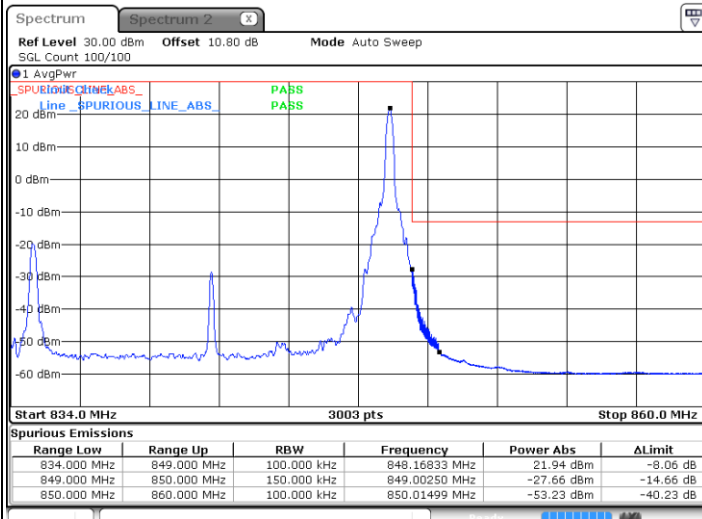


LTE Band 26 / 15MHz / QPSK

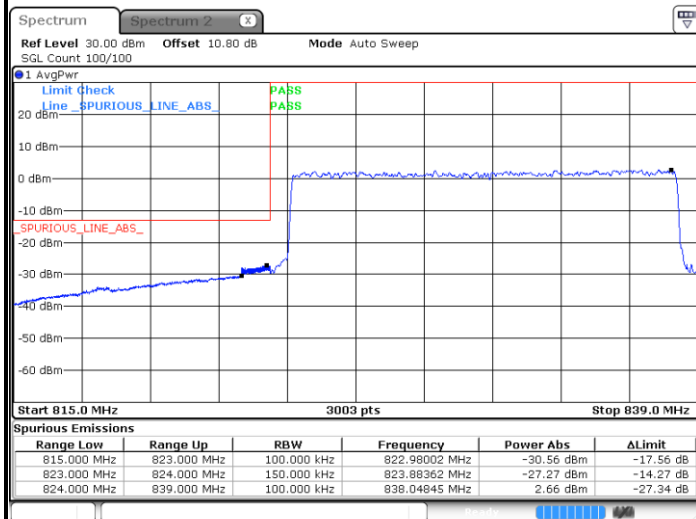
Lowest Band Edge / 1 RB



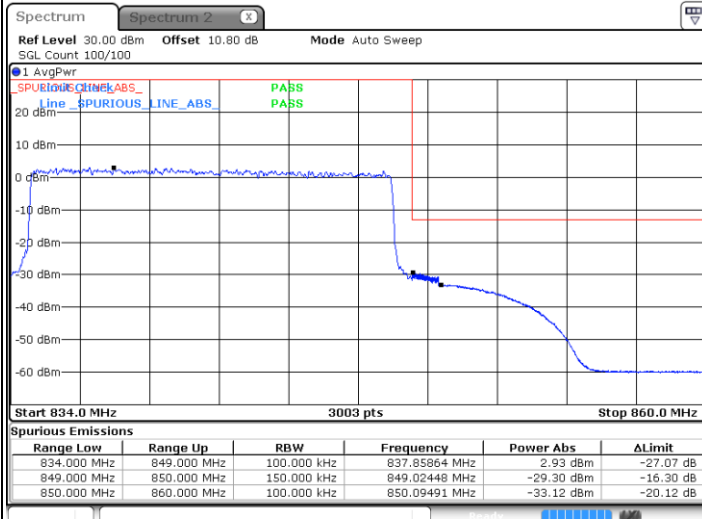
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



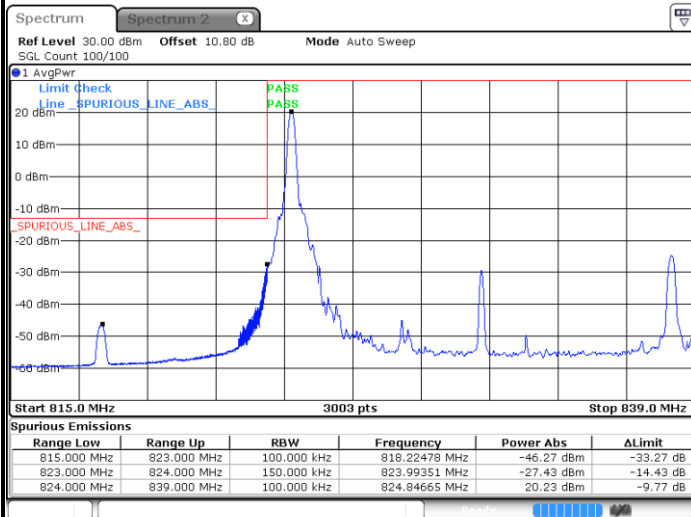
Highest Band Edge / Full RB



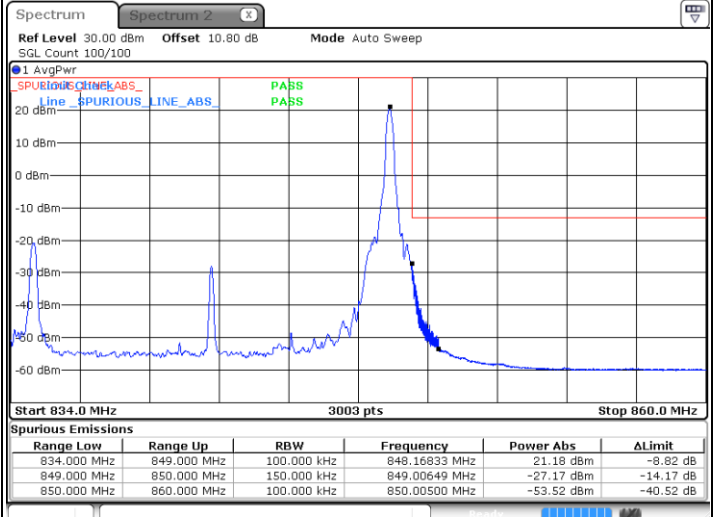


LTE Band 26 / 15MHz / 16QAM

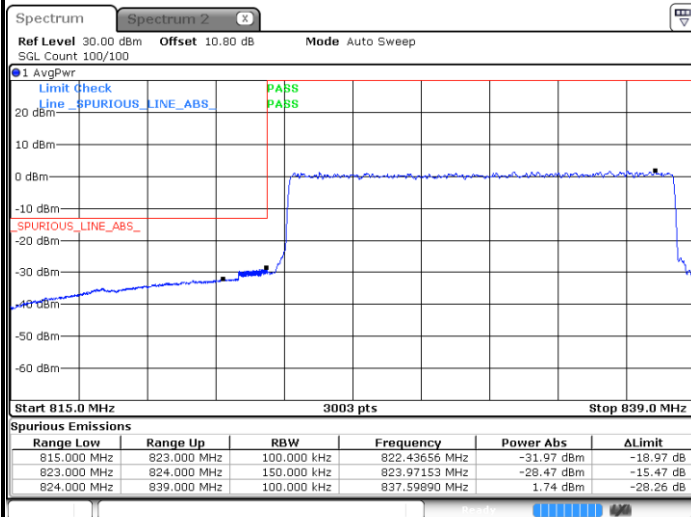
Lowest Band Edge / 1 RB



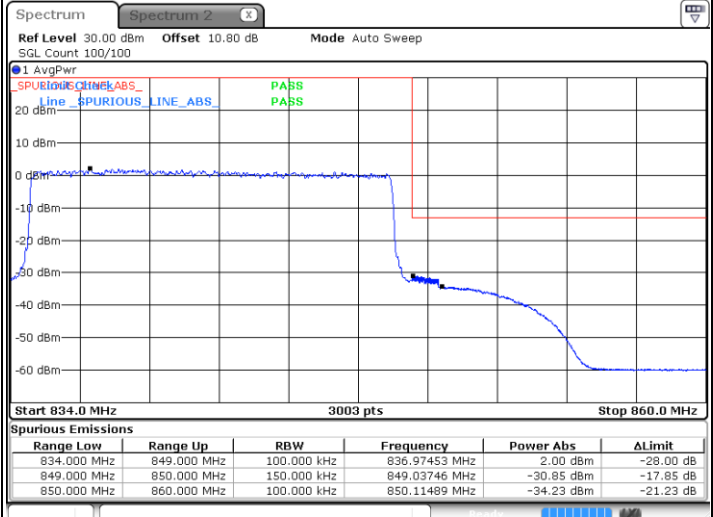
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



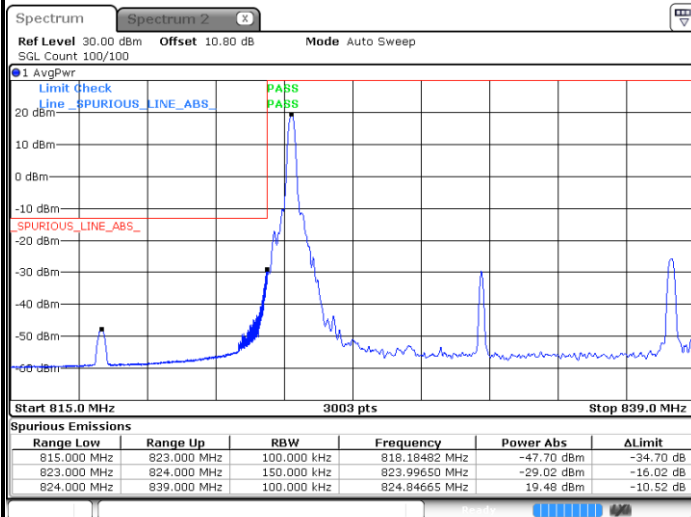
Highest Band Edge / Full RB



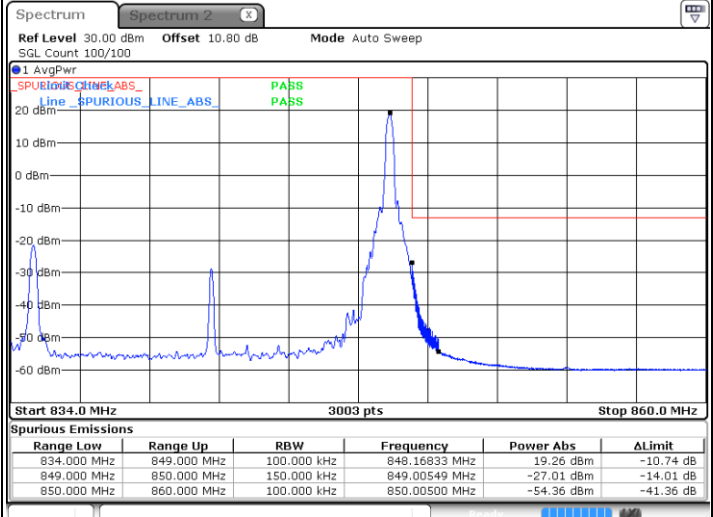


LTE Band 26 / 15MHz / 64QAM

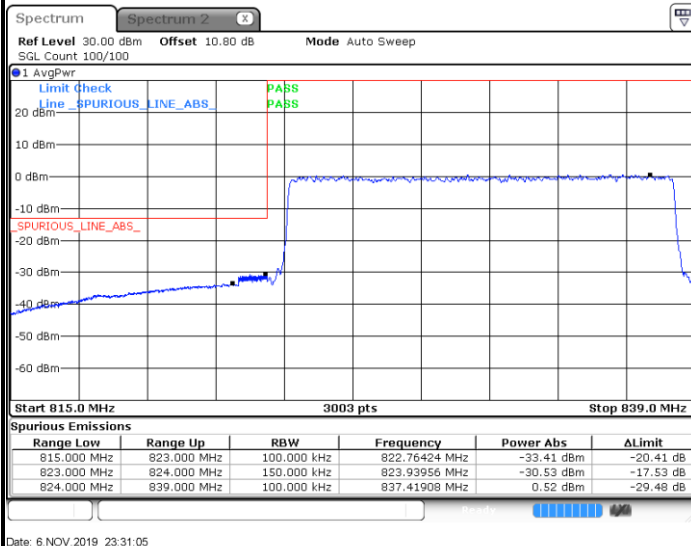
Lowest Band Edge / 1 RB



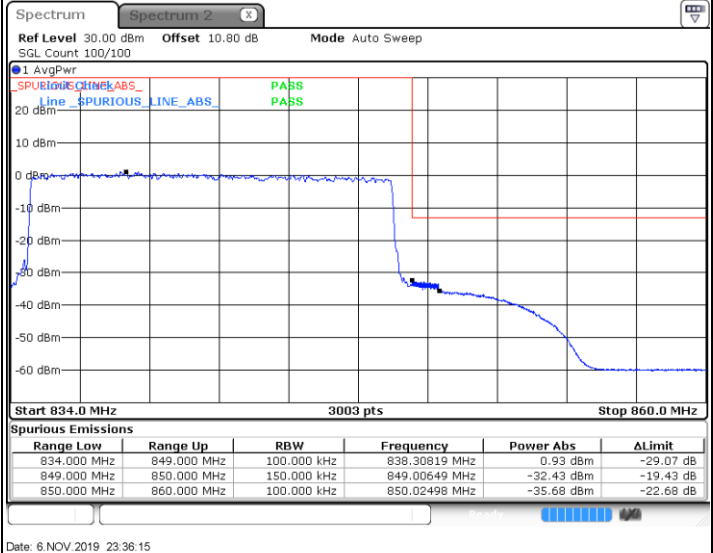
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

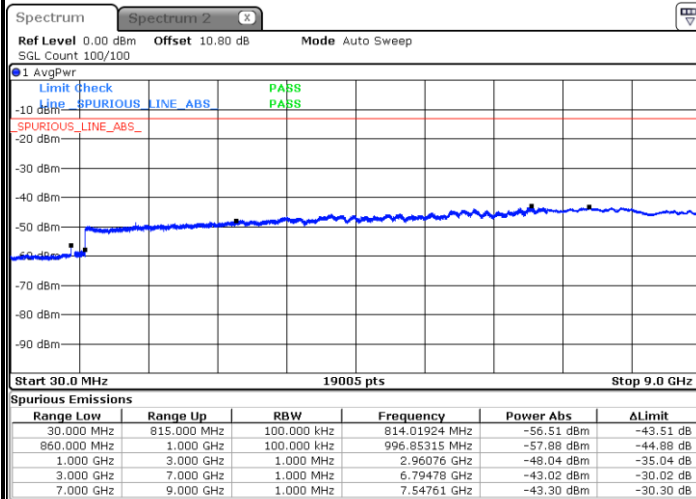




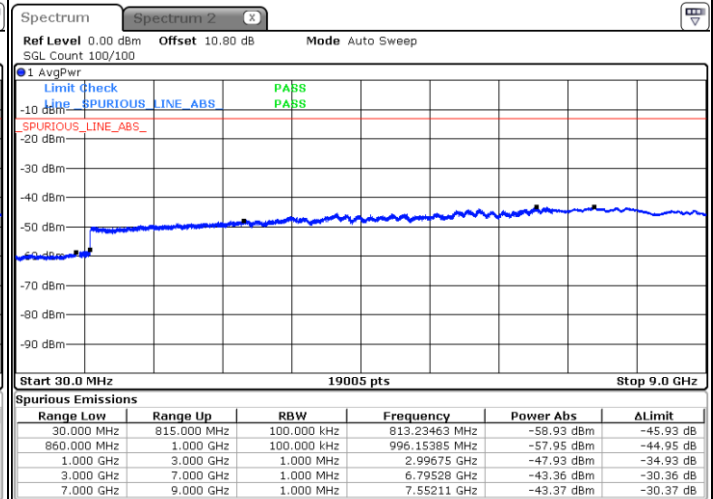
Conducted Spurious Emission

LTE Band 26 / 1.4MHz

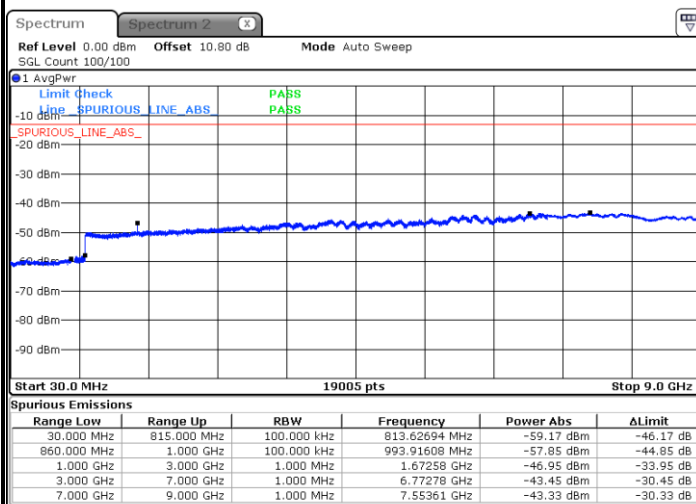
Lowest Channel / QPSK



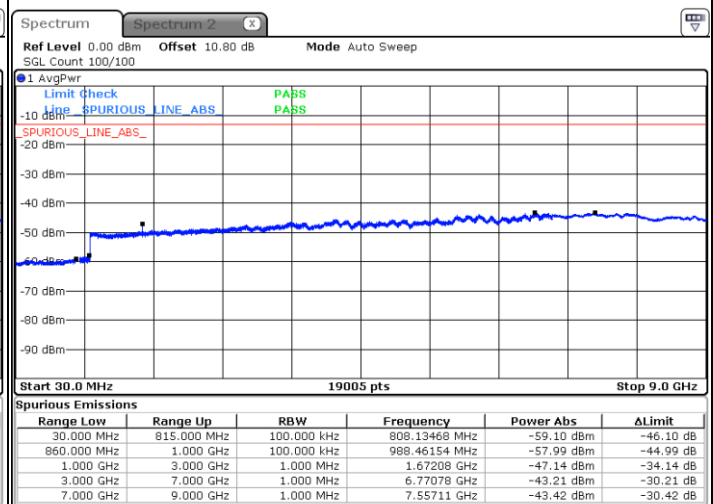
Lowest Channel / 16QAM



Middle Channel / QPSK



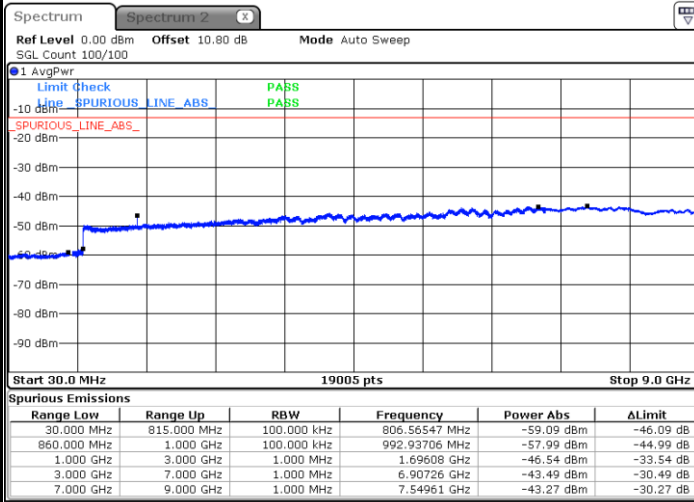
Middle Channel / 16QAM





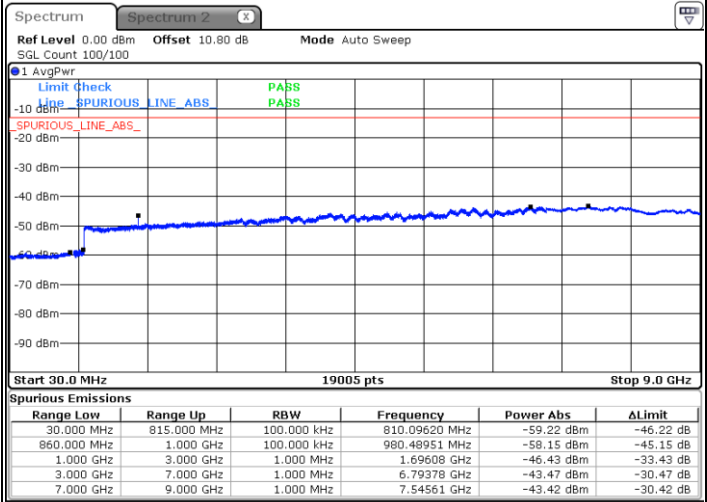
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 6 NOV. 2019 22:52:04

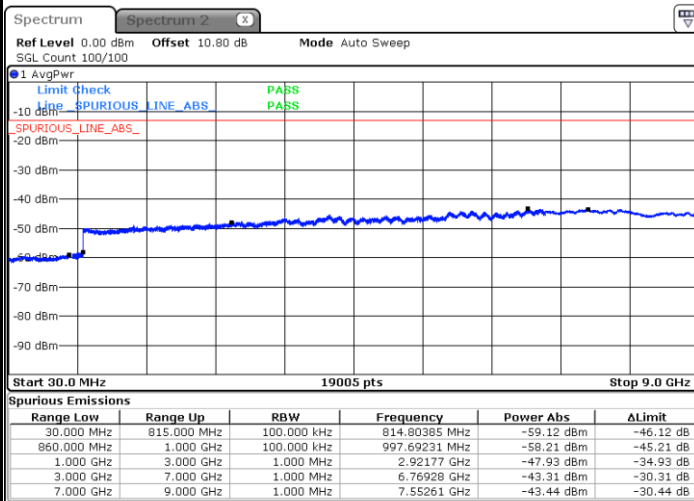
Highest Channel / 16QAM



Date: 6 NOV. 2019 22:52:45

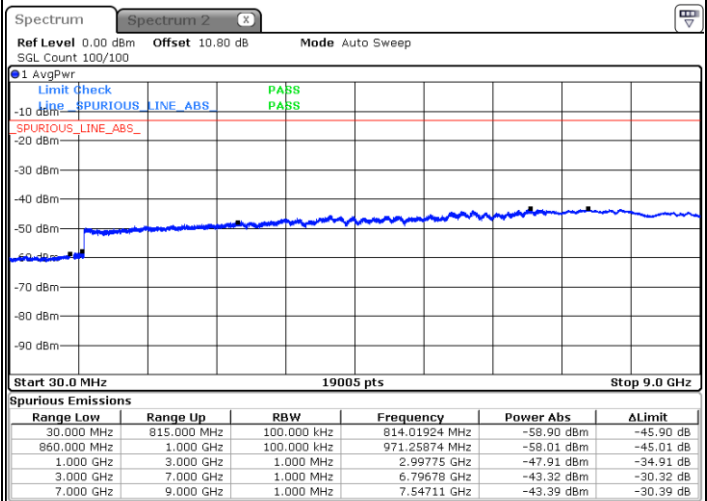
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 6 NOV. 2019 23:42:27

Lowest Channel / 16QAM

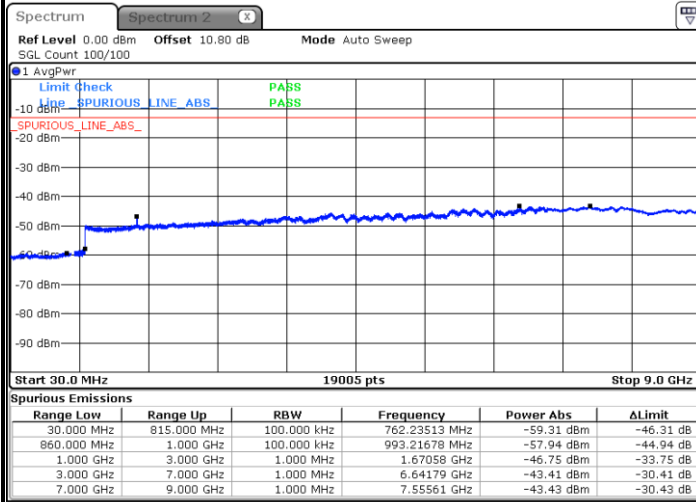


Date: 6 NOV. 2019 23:43:08



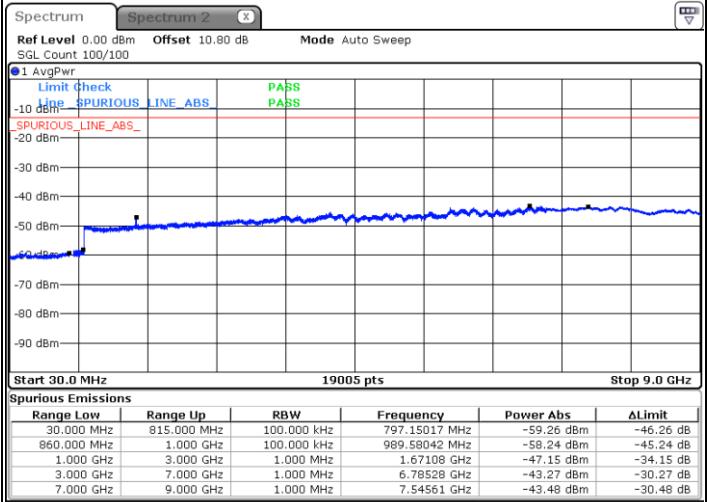
LTE Band 26 / 3MHz

Middle Channel / QPSK



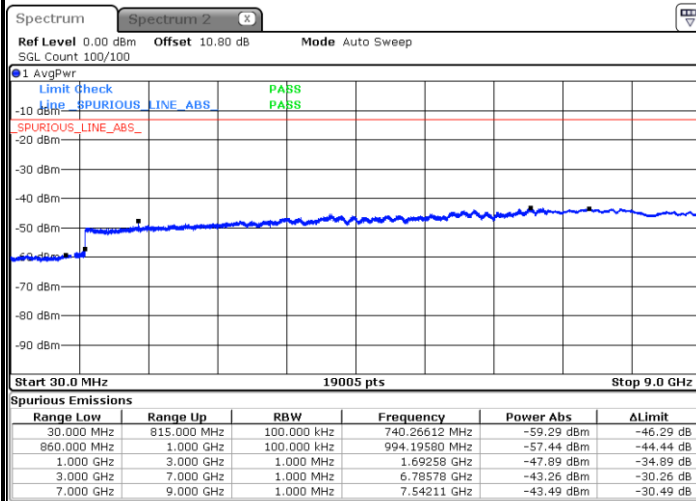
Date: 6 NOV. 2019 23:44:37

Middle Channel / 16QAM



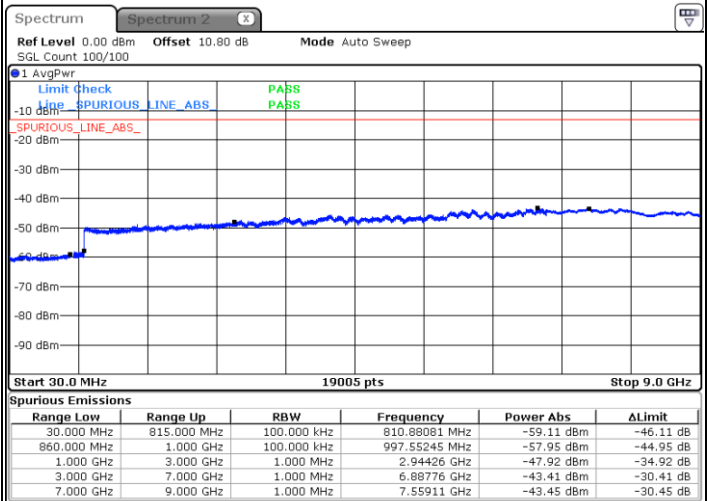
Date: 6 NOV. 2019 23:45:18

Highest Channel / QPSK



Date: 6 NOV. 2019 23:50:49

Highest Channel / 16QAM

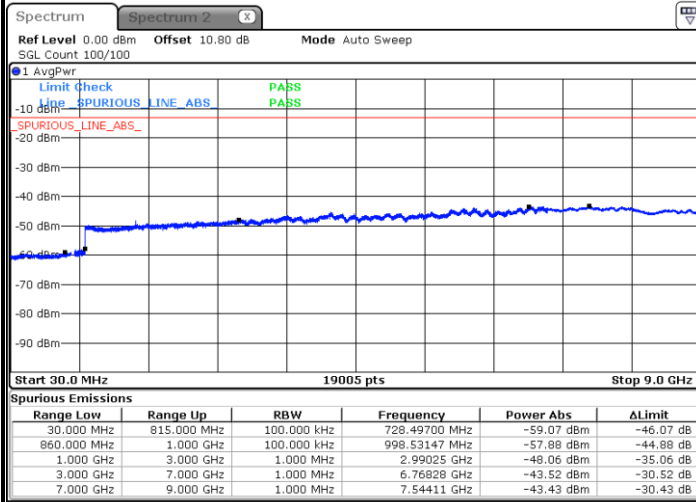


Date: 6 NOV. 2019 23:51:30



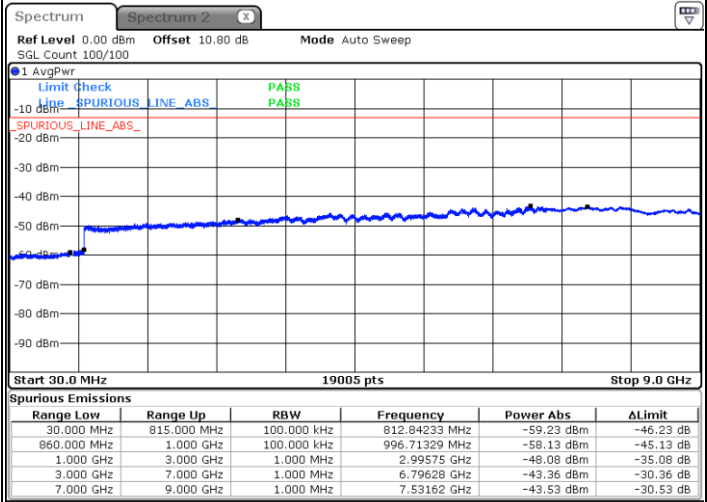
LTE Band 26 / 5MHz

Lowest Channel / QPSK



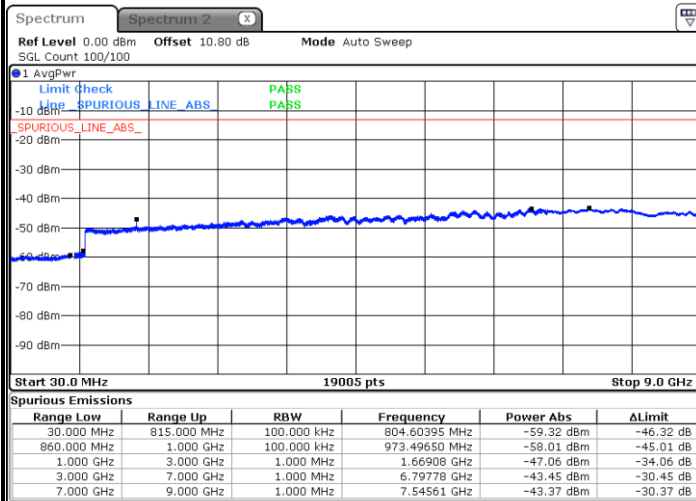
Date: 6 NOV. 2019 23:57:02

Lowest Channel / 16QAM



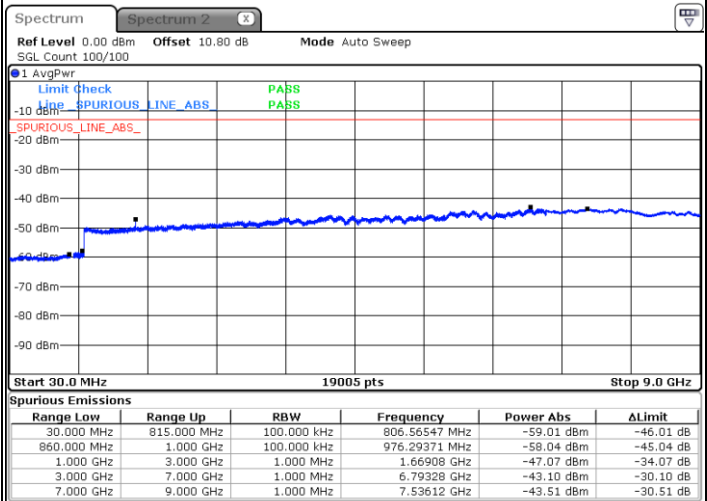
Date: 6 NOV. 2019 23:57:43

Middle Channel / QPSK



Date: 6 NOV. 2019 23:59:12

Middle Channel / 16QAM

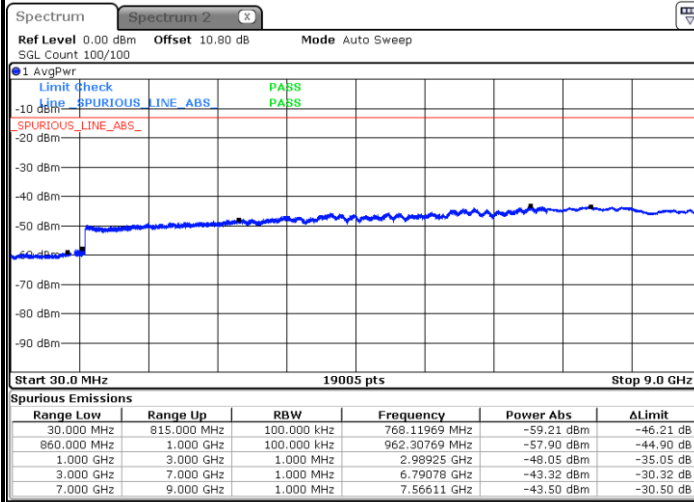


Date: 6 NOV. 2019 23:59:53



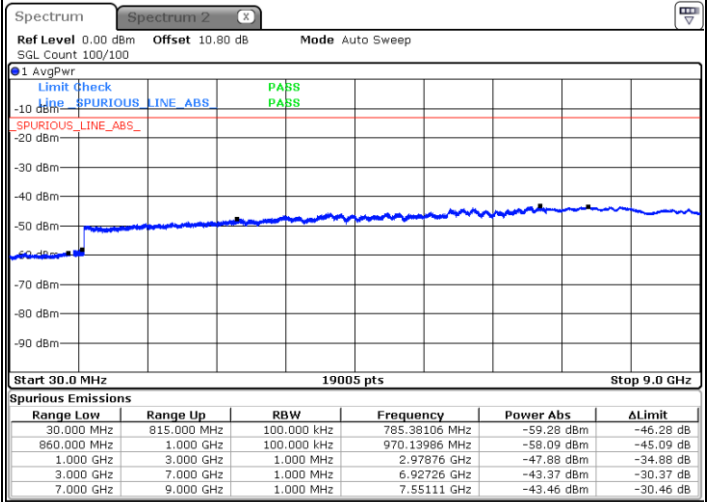
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 7.NOV.2019 00:05:24

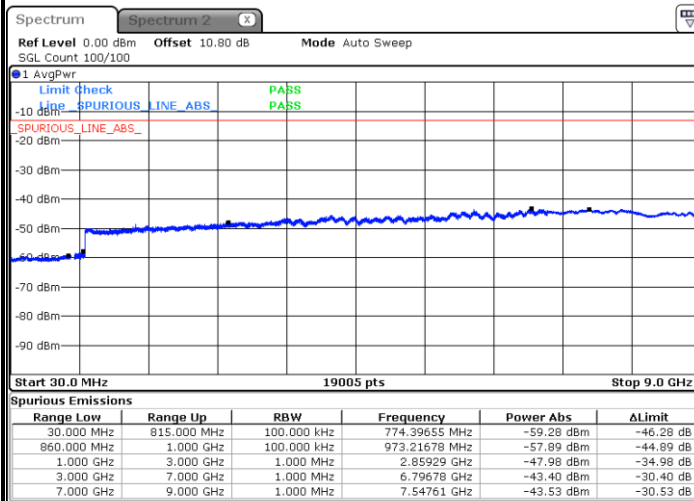
Highest Channel / 16QAM



Date: 7.NOV.2019 00:06:05

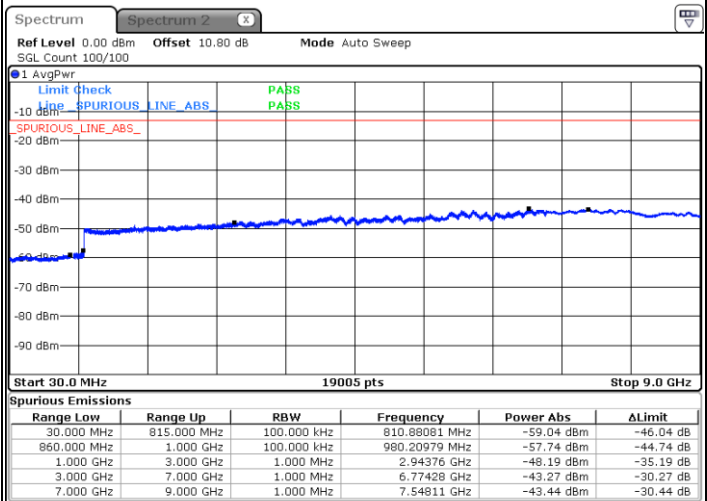
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 7.NOV.2019 00:11:37

Lowest Channel / 16QAM

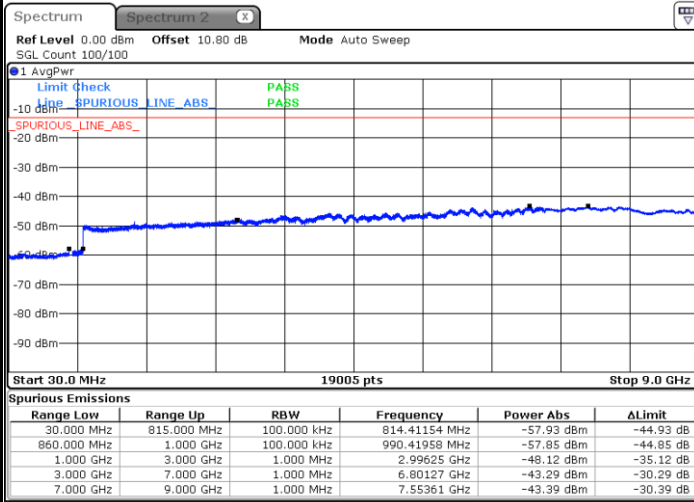


Date: 7.NOV.2019 00:12:18



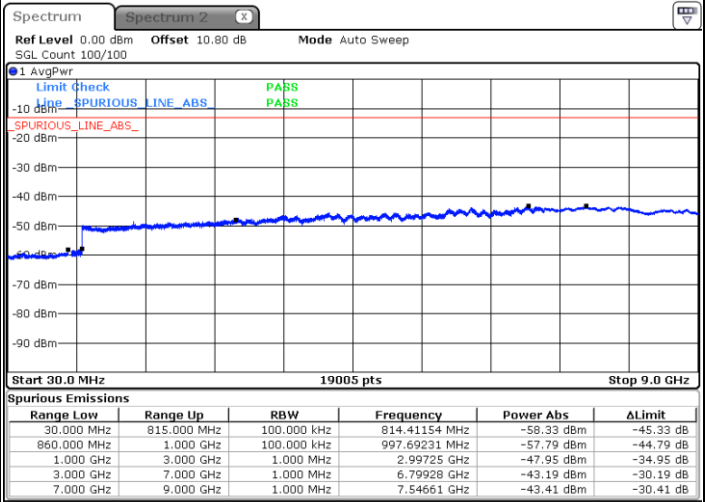
LTE Band 26 / 10MHz

Middle Channel / QPSK



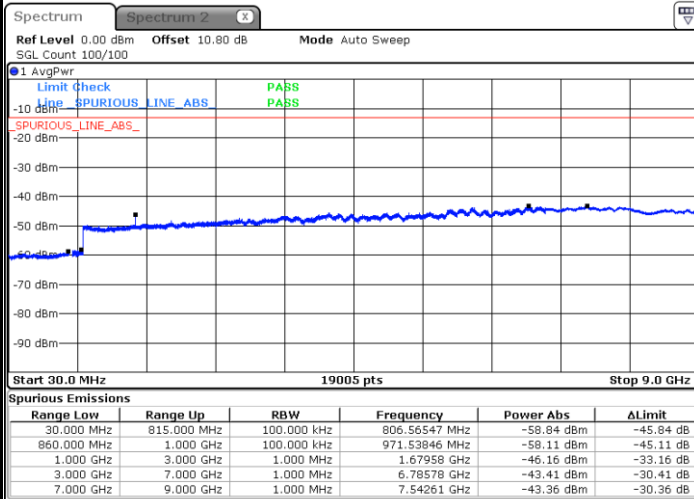
Date: 7.NOV.2019 00:13:46

Middle Channel / 16QAM



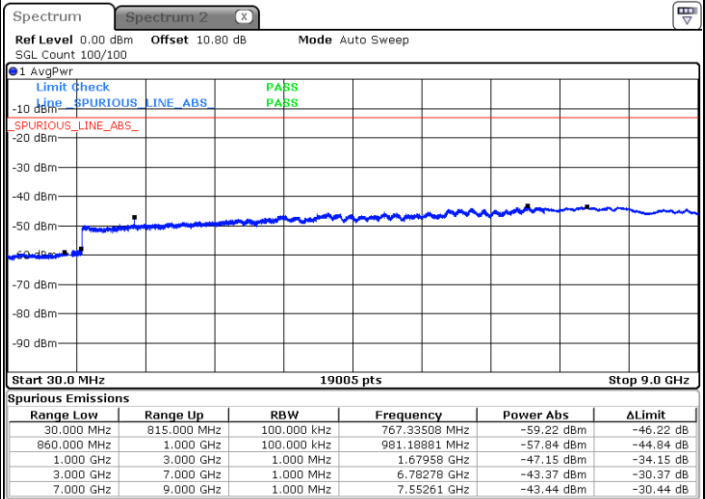
Date: 7.NOV.2019 00:14:27

Highest Channel / QPSK



Date: 7.NOV.2019 00:19:59

Highest Channel / 16QAM

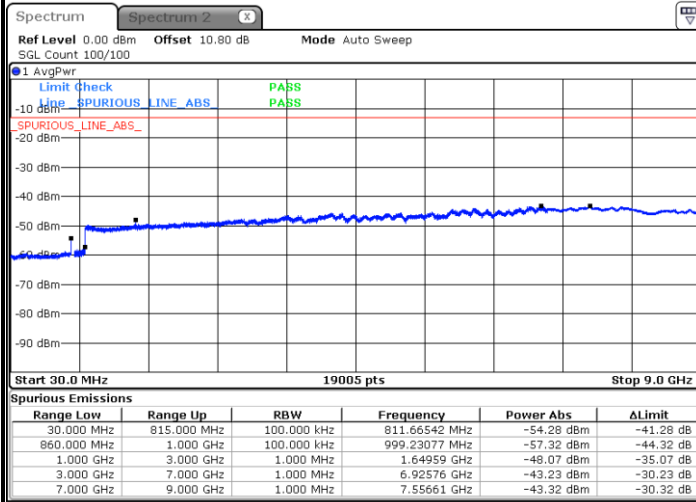


Date: 7.NOV.2019 00:20:40



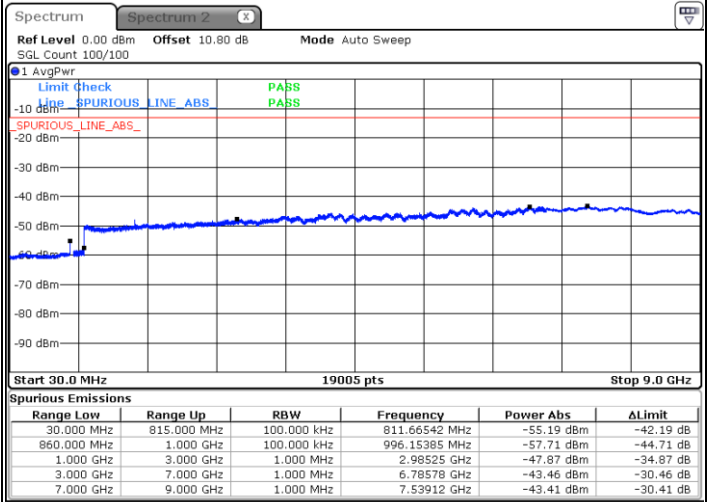
LTE Band 26 / 15MHz

Lowest Channel / QPSK



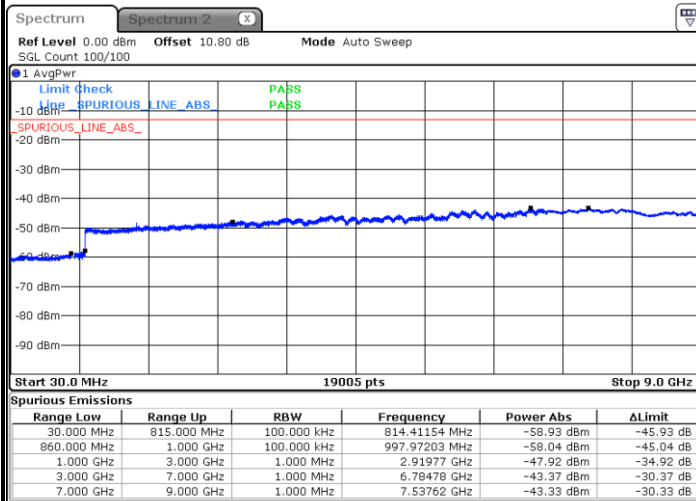
Date: 7.NOV.2019 00:26:06

Lowest Channel / 16QAM



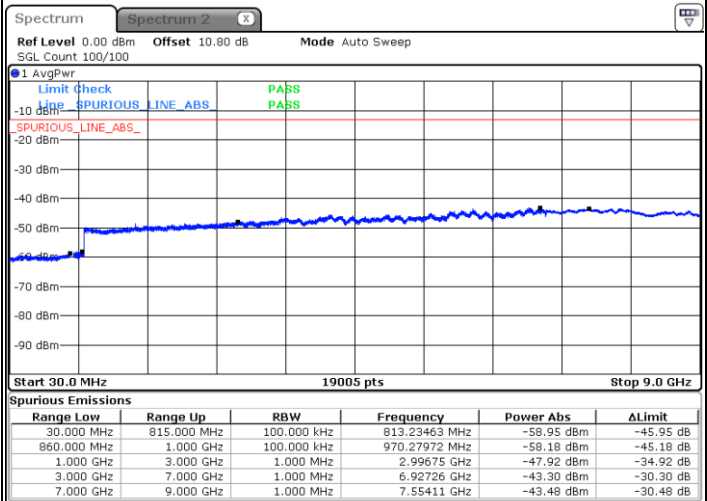
Date: 7.NOV.2019 00:26:46

Middle Channel / QPSK



Date: 7.NOV.2019 00:28:15

Middle Channel / 16QAM

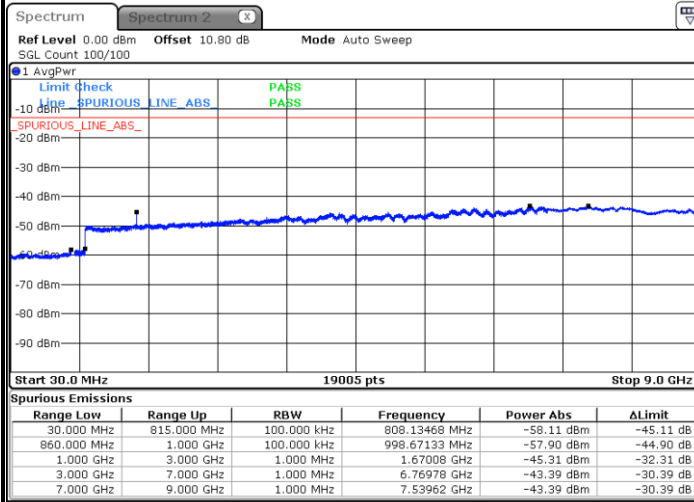


Date: 7.NOV.2019 00:28:56



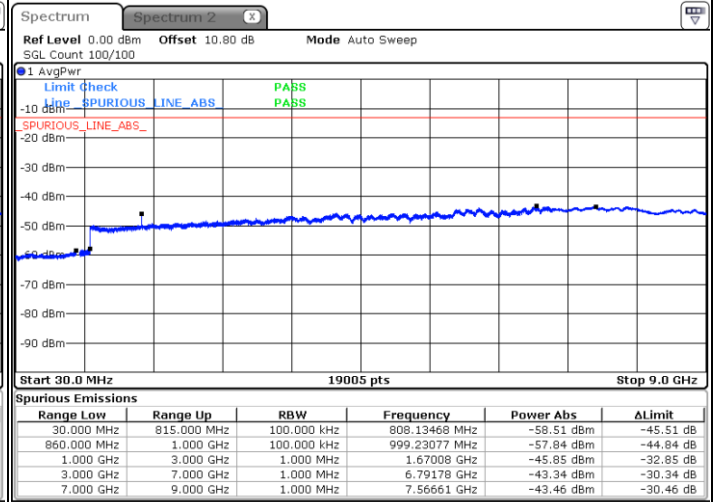
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 7.NOV.2019 00:34:27

Highest Channel / 16QAM

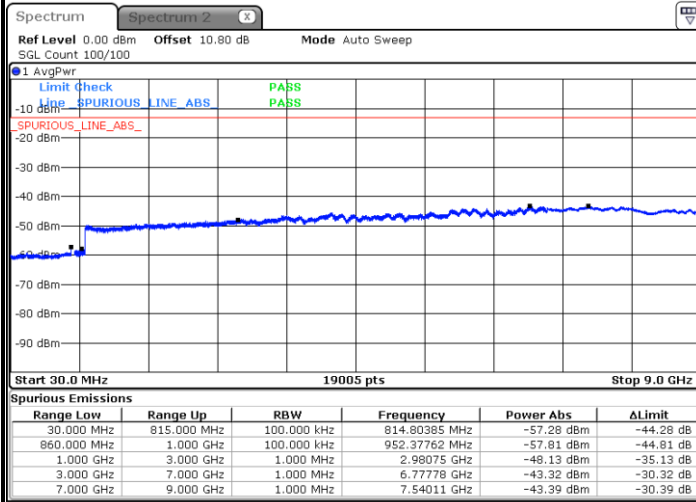


Date: 7.NOV.2019 00:35:08



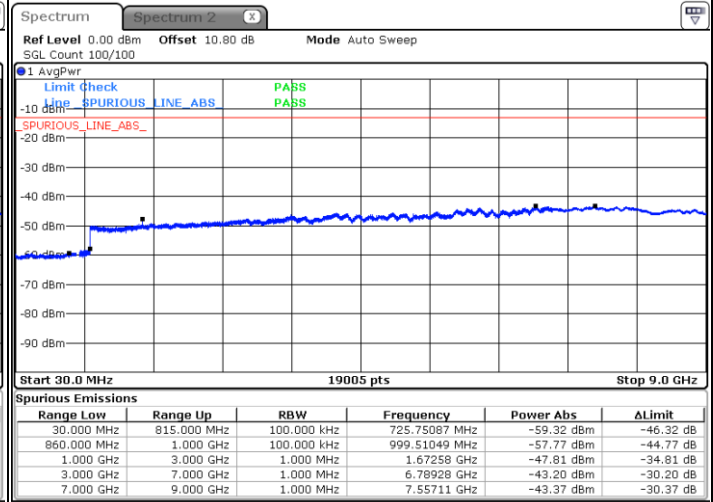
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



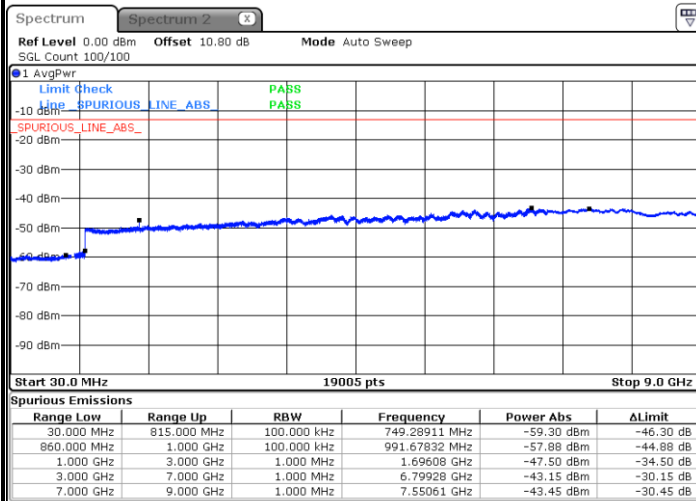
Date: 6 NOV. 2019 22:57:20

Middle Channel / 64QAM



Date: 6 NOV. 2019 22:58:25

Highest Channel / 64QAM

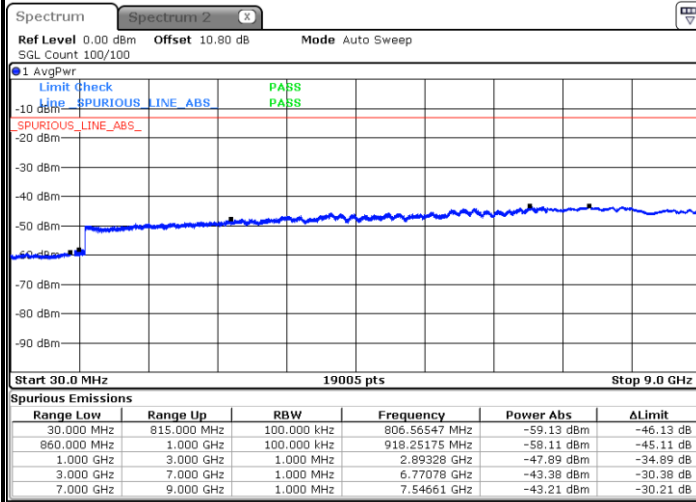


Date: 6 NOV. 2019 23:03:01



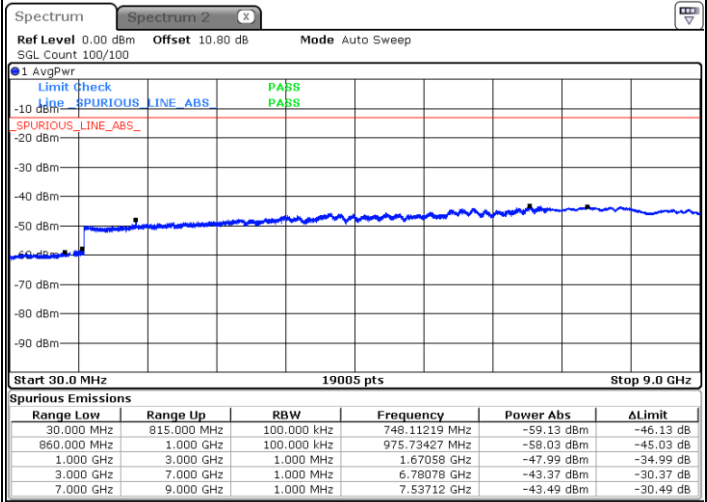
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



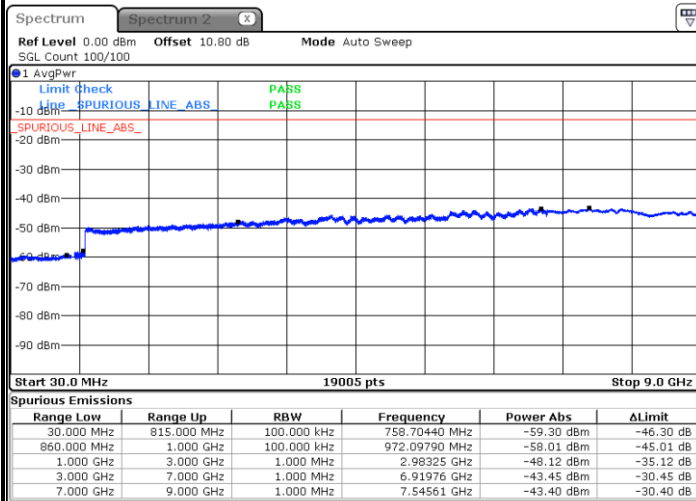
Date: 6 NOV. 2019 23:10:56

Middle Channel / 64QAM



Date: 6 NOV. 2019 23:12:01

Highest Channel / 64QAM

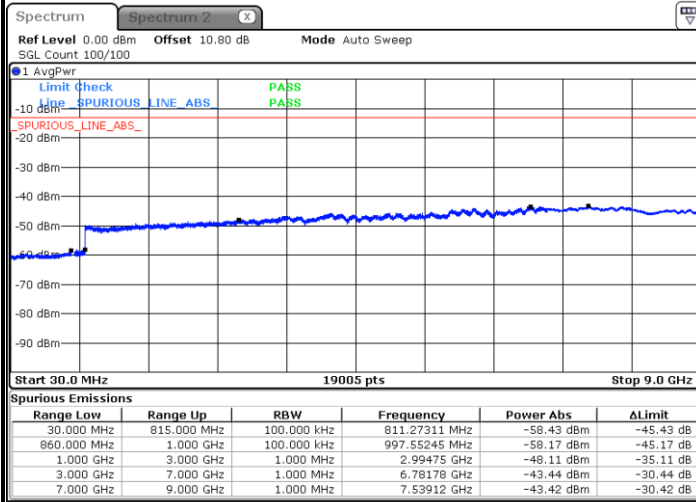


Date: 6 NOV. 2019 23:15:07



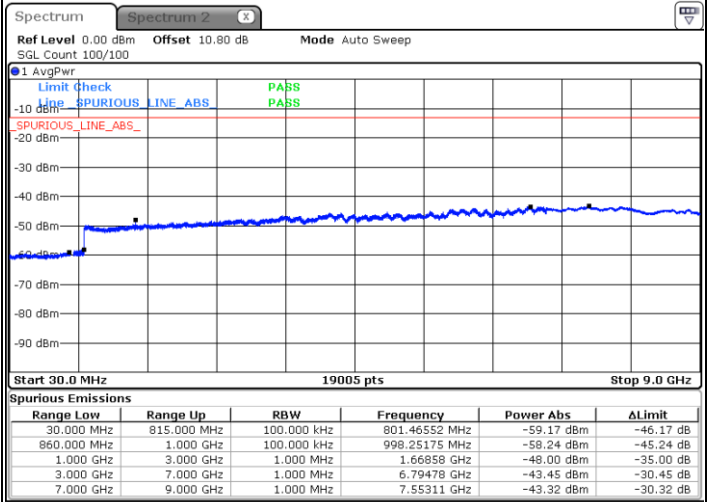
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



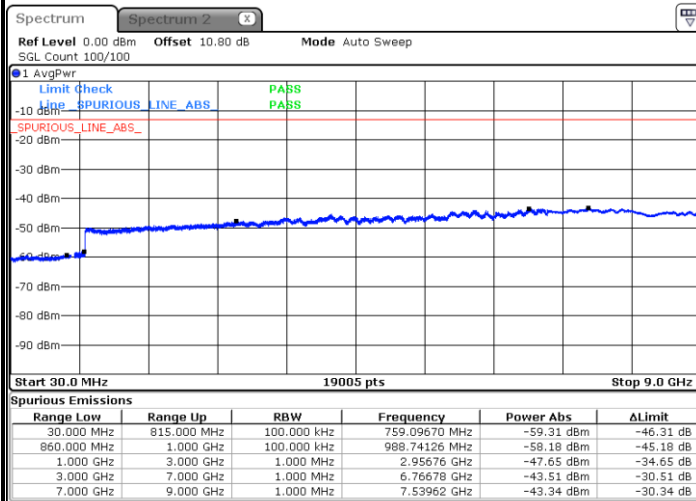
Date: 6 NOV. 2019 23:18:13

Middle Channel / 64QAM



Date: 6 NOV. 2019 23:19:18

Highest Channel / 64QAM

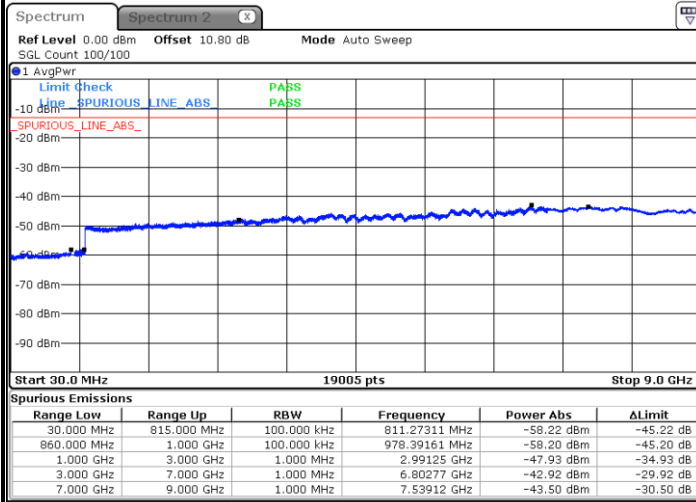


Date: 6 NOV. 2019 23:22:24



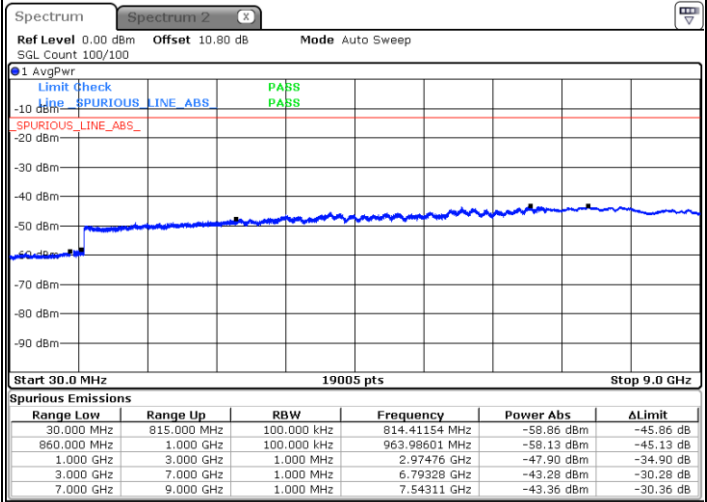
LTE Band 26 / 10MHz

Lowest Channel / 64QAM



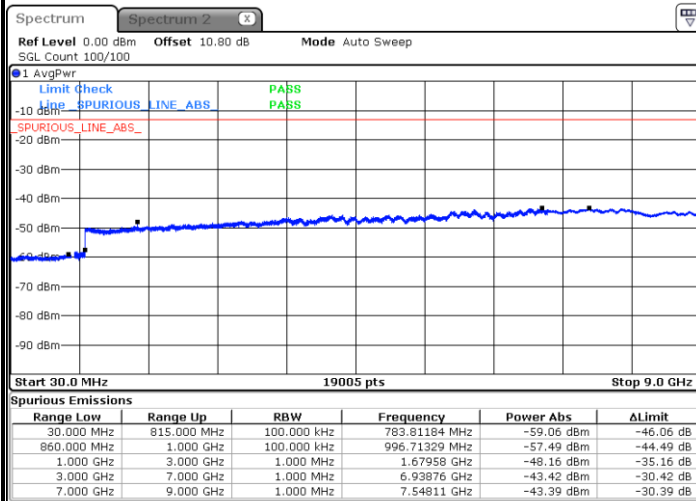
Date: 6 NOV. 2019 23:25:31

Middle Channel / 64QAM



Date: 6 NOV. 2019 23:26:36

Highest Channel / 64QAM

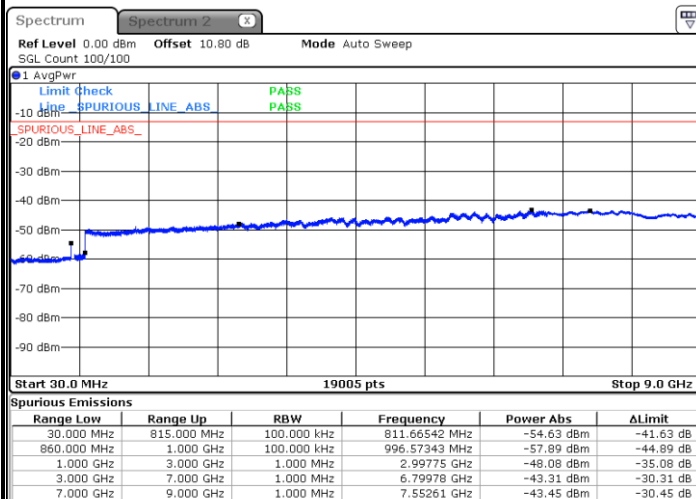


Date: 6 NOV. 2019 23:29:42



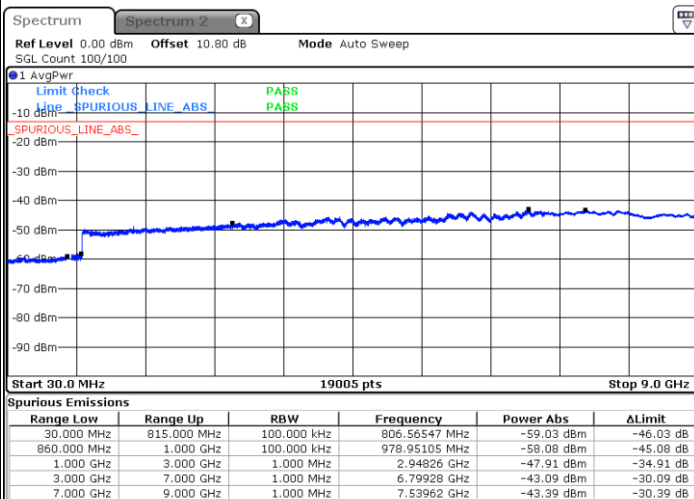
LTE Band 26 / 15MHz

Lowest Channel / 64QAM



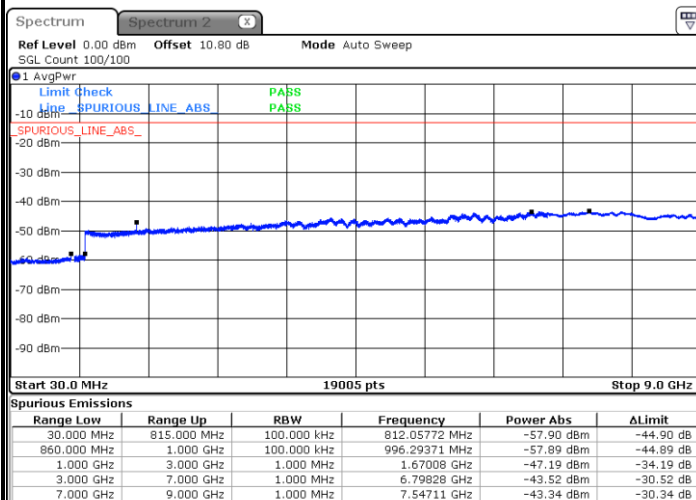
Date: 6 NOV. 2019 23:32:45

Middle Channel / 64QAM



Date: 6 NOV. 2019 23:33:50

Highest Channel / 64QAM



Date: 6 NOV. 2019 23:36:55

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0225	
30	Normal Voltage	0.0041	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0151	
0	Normal Voltage	0.0145	
-10	Normal Voltage	0.0141	
-20	Normal Voltage	0.0182	
-30	Normal Voltage	n/a	
20	Maximum Voltage	0.0115	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0225	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. By manufacturer declaration, EUT will automatically inhibit from operating outside the lesser temperature range. (when temperature lower than -20 °C, EUT will be shut down automatically)



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

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.88	0.1542	23.58	0.2280
Middle		1	0	21.92	0.1556	23.62	0.2301
Highest		1	0	21.80	0.1514	23.50	0.2239
Lowest	16QAM	1	3	21.13	0.1297	22.83	0.1919
Middle		1	3	21.15	0.1303	22.85	0.1928
Highest		1	3	21.01	0.1262	22.71	0.1866
Lowest	64QAM	1	3	20.09	0.1021	21.79	0.1510
Middle		1	3	20.10	0.1023	21.80	0.1514
Highest		1	3	19.98	0.0995	21.68	0.1472
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.96	0.1570	23.66	0.2323
Middle		1	0	21.99	0.1581	23.69	0.2339
Highest		1	0	21.85	0.1531	23.55	0.2265
Lowest	16QAM	1	0	21.26	0.1337	22.96	0.1977
Middle		1	0	21.22	0.1324	22.92	0.1959
Highest		1	0	21.15	0.1303	22.85	0.1928
Lowest	64QAM	1	0	20.18	0.1042	21.88	0.1542
Middle		1	0	20.27	0.1064	21.97	0.1574
Highest		1	0	20.19	0.1045	21.89	0.1545
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.07	0.1611	23.77	0.2382
Middle		1	0	22.06	0.1607	23.76	0.2377
Highest		1	0	21.96	0.1570	23.66	0.2323
Lowest	16QAM	1	0	21.27	0.1340	22.97	0.1982
Middle		1	0	21.22	0.1324	22.92	0.1959
Highest		1	0	21.16	0.1306	22.86	0.1932
Lowest	64QAM	1	0	20.16	0.1038	21.86	0.1535
Middle		1	0	20.22	0.1052	21.92	0.1556
Highest		1	0	20.13	0.1030	21.83	0.1524
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.03	0.1596	23.73	0.2360
Middle		1	0	21.99	0.1581	23.69	0.2339
Highest		1	0	21.94	0.1563	23.64	0.2312
Lowest	16QAM	1	0	21.32	0.1355	23.02	0.2004
Middle		1	0	21.25	0.1334	22.95	0.1972
Highest		1	0	21.25	0.1334	22.95	0.1972
Lowest	64QAM	1	0	20.24	0.1057	21.94	0.1563
Middle		1	0	20.28	0.1067	21.98	0.1578
Highest		1	0	20.20	0.1047	21.90	0.1549
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.05	0.1603	23.75	0.2371
Middle		1	0	21.18	0.1312	22.88	0.1941
Highest		1	0	22.18	0.1652	23.88	0.2443
Lowest	16QAM	1	0	21.39	0.1377	23.09	0.2037
Middle		1	0	21.55	0.1429	23.25	0.2113
Highest		1	0	21.50	0.1413	23.20	0.2089
Lowest	64QAM	1	0	20.27	0.1064	21.97	0.1574
Middle		1	0	20.50	0.1122	22.20	0.1660
Highest		1	0	20.41	0.1099	22.11	0.1626
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.04	0.1600	23.74	0.2366
Middle		1	0	22.19	0.1656	23.89	0.2449
Highest		1	0	22.07	0.1611	23.77	0.2382
Lowest	16QAM	1	0	21.26	0.1337	22.96	0.1977
Middle		1	0	21.47	0.1403	23.17	0.2075
Highest		1	0	21.34	0.1361	23.04	0.2014
Lowest	64QAM	1	0	20.19	0.1045	21.89	0.1545
Middle		1	0	20.40	0.1096	22.10	0.1622
Highest		1	0	20.24	0.1057	21.94	0.1563
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.05	0.2018	24.75	0.2985
Middle		1	0	23.07	0.2028	24.77	0.2999
Highest		1	0	23.04	0.2014	24.74	0.2979
Lowest	16QAM	1	3	21.96	0.1570	23.66	0.2323
Middle		1	3	22.02	0.1592	23.72	0.2355
Highest		1	3	22.04	0.1600	23.74	0.2366
Lowest	64QAM	1	0	21.02	0.1265	22.72	0.1871
Middle		1	0	20.91	0.1233	22.61	0.1824
Highest		1	0	20.88	0.1225	22.58	0.1811
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.19	0.2084	24.89	0.3083
Middle		1	0	23.14	0.2061	24.84	0.3048
Highest		1	0	23.16	0.2070	24.86	0.3062
Lowest	16QAM	1	8	21.79	0.1510	23.49	0.2234
Middle		1	8	22.07	0.1611	23.77	0.2382
Highest		1	8	22.00	0.1585	23.70	0.2344
Lowest	64QAM	1	0	21.09	0.1285	22.79	0.1901
Middle		1	0	20.98	0.1253	22.68	0.1854
Highest		1	0	21.01	0.1262	22.71	0.1866
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.03	0.2009	24.73	0.2972
Middle		1	0	23.02	0.2004	24.72	0.2965
Highest		1	0	23.07	0.2028	24.77	0.2999
Lowest	16QAM	1	0	22.12	0.1629	23.82	0.2410
Middle		1	0	22.22	0.1667	23.92	0.2466
Highest		1	0	22.18	0.1652	23.88	0.2443
Lowest	64QAM	1	0	21.18	0.1312	22.88	0.1941
Middle		1	0	21.16	0.1306	22.86	0.1932
Highest		1	0	21.08	0.1282	22.78	0.1897
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.10	0.2042	24.80	0.3020
Middle		1	49	23.18	0.2080	24.88	0.3076
Highest		1	49	23.03	0.2009	24.73	0.2972
Lowest	16QAM	1	49	22.60	0.1820	24.30	0.2692
Middle		1	49	22.51	0.1782	24.21	0.2636
Highest		1	49	22.52	0.1786	24.22	0.2642
Lowest	64QAM	1	49	21.52	0.1419	23.22	0.2099
Middle		1	49	21.39	0.1377	23.09	0.2037
Highest		1	49	21.38	0.1374	23.08	0.2032
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	23.14	0.2061	24.84	0.3048
Middle		1	74	23.14	0.2061	24.84	0.3048
Highest		1	74	23.05	0.2018	24.75	0.2985
Lowest	16QAM	1	0	22.76	0.1888	24.46	0.2793
Middle		1	0	22.70	0.1862	24.40	0.2754
Highest		1	0	22.67	0.1849	24.37	0.2735
Lowest	64QAM	1	0	21.60	0.1445	23.30	0.2138
Middle		1	0	21.57	0.1435	23.27	0.2123
Highest		1	0	21.50	0.1413	23.20	0.2089
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.20	0.2089	24.90	0.3090
Middle		1	0	23.16	0.2070	24.86	0.3062
Highest		1	0	23.11	0.2046	24.81	0.3027
Lowest	16QAM	1	0	22.61	0.1824	24.31	0.2698
Middle		1	0	22.58	0.1811	24.28	0.2679
Highest		1	0	22.47	0.1766	24.17	0.2612
Lowest	64QAM	1	49	21.37	0.1371	23.07	0.2028
Middle		1	49	21.50	0.1413	23.20	0.2089
Highest		1	49	21.32	0.1355	23.02	0.2004
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.52	0.1786	17.87	0.0612
Middle		1	0	23.00	0.1995	18.35	0.0684
Highest		1	0	22.99	0.1991	18.34	0.0682
Lowest	16QAM	1	0	21.83	0.1524	17.18	0.0522
Middle		1	0	21.97	0.1574	17.32	0.0540
Highest		1	0	21.86	0.1535	17.21	0.0526
Lowest	64QAM	1	0	20.73	0.1183	16.08	0.0406
Middle		1	0	20.98	0.1253	16.33	0.0430
Highest		1	0	20.87	0.1222	16.22	0.0419
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.99	0.1991	18.34	0.0682
Middle		1	0	23.12	0.2051	18.47	0.0703
Highest		1	0	22.96	0.1977	18.31	0.0678
Lowest	16QAM	1	8	21.84	0.1528	17.19	0.0524
Middle		1	8	21.97	0.1574	17.32	0.0540
Highest		1	8	21.93	0.1560	17.28	0.0535
Lowest	64QAM	1	8	20.85	0.1216	16.20	0.0417
Middle		1	8	20.97	0.1250	16.32	0.0429
Highest		1	8	20.93	0.1239	16.28	0.0425
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.99	0.1991	18.34	0.0682
Middle		1	0	23.00	0.1995	18.35	0.0684
Highest		1	0	23.00	0.1995	18.35	0.0684
Lowest	16QAM	1	24	21.98	0.1578	17.33	0.0541
Middle		1	24	22.04	0.1600	17.39	0.0548
Highest		1	24	21.98	0.1578	17.33	0.0541
Lowest	64QAM	1	12	20.86	0.1219	16.21	0.0418
Middle		1	12	21.12	0.1294	16.47	0.0444
Highest		1	12	20.94	0.1242	16.29	0.0426
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.02	0.2004	18.37	0.0687
Middle		1	0	23.13	0.2056	18.48	0.0705
Highest		1	0	23.12	0.2051	18.47	0.0703
Lowest	16QAM	1	49	22.30	0.1698	17.65	0.0582
Middle		1	49	22.41	0.1742	17.76	0.0597
Highest		1	49	22.30	0.1698	17.65	0.0582
Lowest	64QAM	1	49	21.24	0.1330	16.59	0.0456
Middle		1	49	21.34	0.1361	16.69	0.0467
Highest		1	49	21.29	0.1346	16.64	0.0461
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.09	0.1618	21.29	0.1346
Middle		1	0	22.14	0.1637	21.34	0.1361
Highest		1	0	22.11	0.1626	21.31	0.1352
Lowest	16QAM	1	0	21.45	0.1396	20.65	0.1161
Middle		1	0	21.45	0.1396	20.65	0.1161
Highest		1	0	21.41	0.1384	20.61	0.1151
Lowest	64QAM	1	0	20.38	0.1091	19.58	0.0908
Middle		1	0	20.34	0.1081	19.54	0.0899
Highest		1	0	20.33	0.1079	19.53	0.0897
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.28	0.1690	21.48	0.1406
Middle		1	0	22.25	0.1679	21.45	0.1396
Highest		1	0	22.35	0.1718	21.55	0.1429
Lowest	16QAM	1	0	21.65	0.1462	20.85	0.1216
Middle		1	0	21.54	0.1426	20.74	0.1186
Highest		1	0	21.64	0.1459	20.84	0.1213
Lowest	64QAM	1	0	20.53	0.1130	19.73	0.0940
Middle		1	0	20.51	0.1125	19.71	0.0935
Highest		1	0	20.57	0.1140	19.77	0.0948
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.60	0.1820	21.80	0.1514
Middle		1	0	22.52	0.1786	21.72	0.1486
Highest		1	0	22.54	0.1795	21.74	0.1493
Lowest	16QAM	1	0	22.04	0.1600	21.24	0.1330
Middle		1	0	21.94	0.1563	21.14	0.1300
Highest		1	0	21.89	0.1545	21.09	0.1285
Lowest	64QAM	1	37	20.96	0.1247	20.16	0.1038
Middle		1	37	20.71	0.1178	19.91	0.0979
Highest		1	37	20.66	0.1164	19.86	0.0968
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.02	0.2004	22.22	0.1667
Middle		1	0	23.13	0.2056	22.33	0.1710
Highest		1	0	23.12	0.2051	22.32	0.1706
Lowest	16QAM	1	99	22.30	0.1698	21.50	0.1413
Middle		1	99	22.41	0.1742	21.61	0.1449
Highest		1	99	22.30	0.1698	21.50	0.1413
Lowest	64QAM	1	99	21.24	0.1330	20.44	0.1107
Middle		1	99	21.34	0.1361	20.54	0.1132
Highest		1	99	21.29	0.1346	20.49	0.1119
Limit	EIRP < 2W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -3.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.58	0.1811	17.23	0.0528
Middle		1	0	22.54	0.1795	17.19	0.0524
Highest		1	0	22.57	0.1807	17.22	0.0527
Lowest	16QAM	1	0	21.89	0.1545	16.54	0.0451
Middle		1	0	21.86	0.1535	16.51	0.0448
Highest		1	0	21.87	0.1538	16.52	0.0449
Lowest	64QAM	1	0	20.83	0.1211	15.48	0.0353
Middle		1	0	20.74	0.1186	15.39	0.0346
Highest		1	0	20.77	0.1194	15.42	0.0348
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -3.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	22.92	0.1959	17.57	0.0571
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	22.20	0.1660	16.85	0.0484
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	0	21.13	0.1297	15.78	0.0378
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.38	0.2178	18.63	0.0729
Middle		1	0	23.28	0.2128	18.53	0.0713
Highest		1	0	23.33	0.2153	18.58	0.0721
Lowest	16QAM	1	3	22.07	0.1611	17.32	0.0540
Middle		1	3	21.99	0.1581	17.24	0.0530
Highest		1	3	21.88	0.1542	17.13	0.0516
Lowest	64QAM	1	5	21.01	0.1262	16.26	0.0423
Middle		1	5	20.91	0.1233	16.16	0.0413
Highest		1	5	20.70	0.1175	15.95	0.0394
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.51	0.2244	18.76	0.0752
Middle		1	0	23.30	0.2138	18.55	0.0716
Highest		1	0	23.37	0.2173	18.62	0.0728
Lowest	16QAM	1	8	22.15	0.1641	17.40	0.0550
Middle		1	8	22.04	0.1600	17.29	0.0536
Highest		1	8	21.94	0.1563	17.19	0.0524
Lowest	64QAM	1	8	21.23	0.1327	16.48	0.0445
Middle		1	8	21.03	0.1268	16.28	0.0425
Highest		1	8	20.84	0.1213	16.09	0.0406
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.50	0.2239	18.75	0.0750
Middle		1	0	23.26	0.2118	18.51	0.0710
Highest		1	0	23.42	0.2198	18.67	0.0736
Lowest	16QAM	1	24	22.17	0.1648	17.42	0.0552
Middle		1	24	22.07	0.1611	17.32	0.0540
Highest		1	24	21.84	0.1528	17.09	0.0512
Lowest	64QAM	1	24	21.14	0.1300	16.39	0.0436
Middle		1	24	21.03	0.1268	16.28	0.0425
Highest		1	24	20.81	0.1205	16.06	0.0404
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.53	0.2254	18.78	0.0755
Middle		1	0	23.54	0.2259	18.79	0.0757
Highest		1	0	23.74	0.2366	18.99	0.0793
Lowest	16QAM	1	49	22.25	0.1679	17.50	0.0562
Middle		1	49	22.42	0.1746	17.67	0.0585
Highest		1	49	21.96	0.1570	17.21	0.0526
Lowest	64QAM	1	49	21.24	0.1330	16.49	0.0446
Middle		1	49	21.34	0.1361	16.59	0.0456
Highest		1	49	21.05	0.1274	16.30	0.0427
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.69	0.2339	18.94	0.0783
Middle		1	0	23.83	0.2415	19.08	0.0809
Highest		1	0	23.67	0.2328	18.92	0.0780
Lowest	16QAM	1	74	22.98	0.1986	18.23	0.0665
Middle		1	74	22.89	0.1945	18.14	0.0652
Highest		1	74	22.53	0.1791	17.78	0.0600
Lowest	64QAM	1	74	21.89	0.1545	17.14	0.0518
Middle		1	74	21.85	0.1531	17.10	0.0513
Highest		1	74	21.47	0.1403	16.72	0.0470
Limit	ERP < 7W			Result		PASS	



LTE Band 7_CA / 20 + 20 MHz (GT - LC = -0.8 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	22.62	0.1828	21.82	0.1521
Middle		1	99	1	0	22.12	0.1629	21.32	0.1355
Highest		1	99	1	0	21.22	0.1324	20.42	0.1102
Lowest	16QAM	1	99	1	0	21.67	0.1469	20.87	0.1222
Middle		1	99	1	0	21.07	0.1279	20.27	0.1064
Highest		1	99	1	0	20.09	0.1021	19.29	0.0849
Lowest	64QAM	1	99	1	0	19.74	0.0942	18.94	0.0783
Middle		1	99	1	0	19.42	0.0875	18.62	0.0728
Highest		1	99	1	0	18.42	0.0695	17.62	0.0578
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 20 + 15 MHz (GT - LC = -0.8 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	22.57	0.1807	21.77	0.1503
Middle		1	99	1	0	21.99	0.1581	21.19	0.1315
Highest		1	99	1	0	21.66	0.1466	20.86	0.1219
Lowest	16QAM	1	99	1	0	22.03	0.1596	21.23	0.1327
Middle		1	99	1	0	21.24	0.1330	20.44	0.1107
Highest		1	99	1	0	21.02	0.1265	20.22	0.1052
Lowest	64QAM	1	99	1	0	19.98	0.0995	19.18	0.0828
Middle		1	99	1	0	19.53	0.0897	18.73	0.0746
Highest		1	99	1	0	19.13	0.0818	18.33	0.0681
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 15 + 20 MHz (GT - LC = -0.8 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	21.97	0.1574	21.17	0.1309
Middle		1	74	1	0	22.45	0.1758	21.65	0.1462
Highest		1	74	1	0	21.12	0.1294	20.32	0.1076
Lowest	16QAM	1	74	1	0	21.39	0.1377	20.59	0.1146
Middle		1	74	1	0	21.89	0.1545	21.09	0.1285
Highest		1	74	1	0	20.38	0.1091	19.58	0.0908
Lowest	64QAM	1	74	1	0	19.32	0.0855	18.52	0.0711
Middle		1	74	1	0	20.18	0.1042	19.38	0.0867
Highest		1	74	1	0	18.64	0.0731	17.84	0.0608
Limit	EIRP < 2W					Result		PASS	



LTE Band 7_CA / 20 + 10 MHz (GT - LC = -0.8 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	22.43	0.1750	21.63	0.1455
Middle		1	99	1	0	21.58	0.1439	20.78	0.1197
Highest		1	99	1	0	22.11	0.1626	21.31	0.1352
Lowest	16QAM	1	99	1	0	21.75	0.1496	20.95	0.1245
Middle		1	99	1	0	20.89	0.1227	20.09	0.1021
Highest		1	99	1	0	21.37	0.1371	20.57	0.1140
Lowest	64QAM	100	0	75	0	19.25	0.0841	18.45	0.0700
Middle		100	0	75	0	19.88	0.0973	19.08	0.0809
Highest		100	0	75	0	19.06	0.0805	18.26	0.0670
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 10 + 20 MHz (GT - LC = -0.8 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	21.63	0.1455	20.83	0.1211
Middle		1	74	1	0	22.61	0.1824	21.81	0.1517
Highest		1	74	1	0	21.38	0.1374	20.58	0.1143
Lowest	16QAM	1	74	1	0	20.93	0.1239	20.13	0.1030
Middle		1	74	1	0	22.18	0.1652	21.38	0.1374
Highest		1	74	1	0	20.69	0.1172	19.89	0.0975
Lowest	64QAM	1	74	1	0	19.08	0.0809	18.28	0.0673
Middle		1	74	1	0	20.51	0.1125	19.71	0.0935
Highest		1	74	1	0	18.84	0.0766	18.04	0.0637
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 15 + 15 MHz (GT - LC = -0.8 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	21.82	0.1521	21.02	0.1265
Middle		1	74	1	0	22.34	0.1714	21.54	0.1426
Highest		1	74	1	0	21.78	0.1507	20.98	0.1253
Lowest	16QAM	1	74	1	0	21.41	0.1384	20.61	0.1151
Middle		1	74	1	0	21.65	0.1462	20.85	0.1216
Highest		1	74	1	0	21.12	0.1294	20.32	0.1076
Lowest	64QAM	75	0	100	0	19.29	0.0849	18.49	0.0706
Middle		75	0	100	0	20.12	0.1028	19.32	0.0855
Highest		75	0	100	0	18.95	0.0785	18.15	0.0653
Limit	EIRP < 2W					Result		PASS	



LTE Band 7_CA / 15 + 10 MHz (GT - LC = -0.8 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	75	0	100	0	22.11	0.1626	21.31	0.1352
Middle		75	0	100	0	22.22	0.1667	21.42	0.1387
Highest		75	0	100	0	21.89	0.1545	21.09	0.1285
Lowest	16QAM	1	74	1	0	21.79	0.1510	20.99	0.1256
Middle		1	74	1	0	21.65	0.1462	20.85	0.1216
Highest		1	74	1	0	21.97	0.1574	21.17	0.1309
Lowest	64QAM	1	74	1	0	21.68	0.1472	20.88	0.1225
Middle		1	74	1	0	21.57	0.1435	20.77	0.1194
Highest		1	74	1	0	21.93	0.1560	21.13	0.1297
Limit	EIRP < 2W					Result		PASS	

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

LTE Band5/10M/QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Lowest	1648	-62.15	-49.15	-13	-68.91	25.1	15.87	34.21	H
	2472	-53.57	-40.57	-13	-64.34	27.5	16.87	33.6	H
	3296	-58.78	-45.78	-13	-71.53	28.42	17.8	33.47	H
									H
	1648	-59.69	-46.69	-13	-66.45	25.1	15.87	34.21	V
	2472	-61.03	-48.03	-13	-71.8	27.5	16.87	33.6	V
	3296	-61.21	-48.21	-13	-73.96	28.42	17.8	33.47	V
									V
Middle	1664	-60.22	-47.22	-13	-67.04	25.13	15.88	34.19	H
	2496	-52.36	-39.36	-13	-63.17	27.5	16.9	33.59	H
	3328	-56.44	-43.44	-13	-69.18	28.34	17.86	33.46	H
									H
	1664	-58.32	-45.32	-13	-65.14	25.13	15.88	34.19	V
	2496	-61.51	-48.51	-13	-72.32	27.5	16.9	33.59	V
	3328	-59.98	-46.98	-13	-72.72	28.34	17.86	33.46	V
									V
Highest	1680	-59.7	-46.7	-13	-66.58	25.16	15.89	34.17	H
	2520	-50.96	-37.96	-13	-61.81	27.5	16.94	33.59	H
	3360	-56.55	-43.55	-13	-69.34	28.32	17.92	33.45	H
									H
									H
	1680	-54.72	-41.72	-13	-61.6	25.16	15.89	34.17	V
	2520	-58.02	-45.02	-13	-68.87	27.5	16.94	33.59	V
	3360	-60.09	-47.09	-13	-72.88	28.32	17.92	33.45	V
									V
									V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								

LTE Band 26

LTE Band26/15M/QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Lowest	1648	-56.21	-43.21	-13	-62.97	25.1	15.87	34.21	H
	2472	-59.05	-46.05	-13	-69.82	27.5	16.87	33.6	H
	3296	-59.95	-46.95	-13	-72.7	28.42	17.8	33.47	H
									H
	1648	-58.88	-45.88	-13	-65.64	25.1	15.87	34.21	V
	2472	-58.16	-45.16	-13	-68.93	27.5	16.87	33.6	V
	3296	-60.32	-47.32	-13	-73.07	28.42	17.8	33.47	V
									V
Middle	1656	-58.75	-45.75	-13	-65.53	25.11	15.87	34.2	H
	2488	-58.23	-45.23	-13	-69.03	27.5	16.89	33.59	H
	3320	-61	-48	-13	-73.75	28.36	17.85	33.46	H
									H
	1656	-59.47	-46.47	-13	-66.25	25.11	15.87	34.2	V
	2488	-58.08	-45.08	-13	-68.88	27.5	16.89	33.59	V
	3320	-60.47	-47.47	-13	-73.22	28.36	17.85	33.46	V
									V
Highest	1672	-53.59	-40.59	-13	-60.43	25.14	15.88	34.18	H
	2504	-58.06	-45.06	-13	-68.89	27.5	16.92	33.59	H
	3336	-57.9	-44.9	-13	-70.65	28.33	17.88	33.46	H
									H
	1672	-54.53	-41.53	-13	-61.37	25.14	15.88	34.18	V
	2504	-57.04	-44.04	-13	-67.87	27.5	16.92	33.59	V
	3336	-58.59	-45.59	-13	-71.34	28.33	17.88	33.46	V
									V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								

**LTE Band 2**

LTE Band2/20M/QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Lowest	3702	-47.72	-34.72	-13	-64.56	29.3	20.87	33.33	H
	5556	-47.01	-34.01	-13	-68.39	31.9	22.61	33.13	H
	7404	-34.55	-21.55	-13	-61.38	36.61	24.29	34.07	H
	9252	-33.34	-20.34	-13	-64.2	38.9	26.06	34.1	H
	11110.5	-37.99	-24.99	-13	-71.12	39.98	27.23	34.08	H
	16665	-37.99	-24.99	-13	-73.27	39.59	31.28	35.59	H
	3702	-50.76	-37.76	-13	-67.6	29.3	20.87	33.33	V
	5556	-46.69	-33.69	-13	-68.07	31.9	22.61	33.13	V
	7404	-34.66	-21.66	-13	-61.49	36.61	24.29	34.07	V
	9252	-33.46	-20.46	-13	-64.32	38.9	26.06	34.1	V
	11110.5	-40.78	-27.78	-13	-73.91	39.98	27.23	34.08	V
	16665	-36.7	-23.7	-13	-71.98	39.59	31.28	35.59	V
Middle	3744	-51.19	-38.19	-13	-68.16	29.39	20.9	33.32	H
	5616	-46.75	-33.75	-13	-68.2	31.9	22.7	33.15	H
	7482	-33.47	-20.47	-13	-60.43	36.7	24.38	34.12	H
	9357	-34.46	-21.46	-13	-66.02	39.09	26.52	34.05	H
	11226	-40.69	-27.69	-13	-73.75	39.8	27.41	34.15	H
	3744	-50.26	-37.26	-13	-67.23	29.39	20.9	33.32	V
	5616	-45.83	-32.83	-13	-67.28	31.9	22.7	33.15	V
	7482	-35.13	-22.13	-13	-62.09	36.7	24.38	34.12	V
	9357	-35.8	-22.8	-13	-67.36	39.09	26.52	34.05	V
	11226	-42.23	-29.23	-13	-75.29	39.8	27.41	34.15	V
Highest	3780	-49.74	-36.74	-13	-66.88	29.52	20.92	33.3	H
	5676	-46.42	-33.42	-13	-67.91	31.95	22.71	33.17	H
	7566	-36	-23	-13	-62.86	36.57	24.46	34.17	H
	9451.5	-36.18	-23.18	-13	-67.95	38.9	26.87	34	H
	11341.5	-41.79	-28.79	-13	-75	39.84	27.58	34.21	H
	3780	-52.05	-39.05	-13	-69.19	29.52	20.92	33.3	V
	5676	-48.05	-35.05	-13	-69.54	31.95	22.71	33.17	V
	7566	-36.26	-23.26	-13	-63.12	36.57	24.46	34.17	V
	9451.5	-36.3	-23.3	-13	-68.07	38.9	26.87	34	V
	11341.5	-43.29	-30.29	-13	-76.5	39.84	27.58	34.21	V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								

**LTE Band 13**

LTE Band13/5M/QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Lowest	1552	-61.42	-48.42	-13	-68.64	25.2	15.79	33.77	H
	2328	-44.31	-31.31	-13	-55.67	27.88	16.73	33.25	H
	3108	-61	-48	-13	-74.49	28.92	17.53	32.96	H
									H
									H
	1552	-58.21	-45.21	-13	-65.43	25.2	15.79	33.77	V
	2328	-57.5	-44.5	-13	-68.86	27.88	16.73	33.25	V
	3108	-61.22	-48.22	-13	-74.71	28.92	17.53	32.96	V
									V
									V
Middle	1560	-54.83	-12.68	-42.15	-62.06	25.2	5.3	33.76	H
	2344	-58.11	-45.11	-13	-69.36	27.75	6.66	33.24	H
	3128	-60.92	-47.92	-13	-74.47	28.96	7.64	32.96	H
									H
									H
	1560	-55.83	-13.68	-42.15	-63.06	25.2	5.3	33.76	V
	2344	-57.8	-44.8	-13	-69.05	27.75	6.66	33.24	V
	3128	-58.08	-45.08	-13	-71.63	28.96	7.64	32.96	V
									V
									V
Highest	1560	-58.52	-16.37	-42.15	-65.75	25.2	15.79	33.76	H
	2336	-59.75	-46.75	-13	-71.05	27.81	16.74	33.25	H
	3120	-61	-48	-13	-74.52	28.94	17.54	32.96	H
									H
									H
	1560	-57.43	-15.28	-42.15	-64.66	25.2	15.79	33.76	V
	2336	-56.53	-43.53	-13	-67.83	27.81	16.74	33.25	V
	3120	-60.64	-47.64	-13	-74.16	28.94	17.54	32.96	V
									V
									V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								

**LTE Band 13**

LTE Band13/10M/QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Middle	1552	-59.83	-46.83	-13	-67.05	25.2	15.79	33.77	H
	2328	-58.59	-45.59	-13	-69.95	27.88	16.73	33.25	H
	3112	-58.03	-45.03	-13	-71.52	28.92	17.53	32.96	H
									H
									H
	1552	-58.87	-45.87	-13	-66.09	25.2	15.79	33.77	V
	2328	-56.39	-43.39	-13	-67.75	27.88	16.73	33.25	V
	3112	-58.87	-45.87	-13	-72.36	28.92	17.53	32.96	V
									V
									V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								

**LTE Band 4**

LTE Band4/20M/QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Lowest	3422.18	-57.68	-44.68	-13	-73.52	28.44	20.83	33.43	H
	5136	-42.14	-29.14	-13	-63.38	32.07	22.29	33.12	H
	6846	-38.07	-25.07	-13	-63.78	34.88	24.58	33.75	H
	8556	-33.08	-20.08	-13	-61.09	37.21	25.18	34.38	H
	10270.5	-38.77	-25.77	-13	-71.03	39.31	26.71	33.76	H
	11982	-41.67	-28.67	-13	-74.78	39.16	28.52	34.57	H
	15405	-40.57	-27.57	-13	-74.83	38.97	30.67	35.38	H
	17106	-37.96	-24.96	-13	-74.23	40.19	31.71	35.63	H
	3422.18	-57.68	-44.68	-13	-73.52	28.44	20.83	33.43	V
	5136	-39.75	-26.75	-13	-60.99	32.07	22.29	33.12	V
	6846	-34.48	-21.48	-13	-60.19	34.88	24.58	33.75	V
	8556	-27.51	-14.51	-13	-55.52	37.21	25.18	34.38	V
	10270.5	-34.72	-21.72	-13	-66.98	39.31	26.71	33.76	V
	11982	-38.29	-25.29	-13	-71.4	39.16	28.52	34.57	V
	15405	-37.2	-24.2	-13	-71.46	38.97	30.67	35.38	V
	17106	-36.17	-23.17	-13	-72.44	40.19	31.71	35.63	V
Middle	3447.18	-58.25	-45.25	-13	-74.15	28.49	20.83	33.42	H
	5172	-44.62	-31.62	-13	-65.8	31.97	22.33	33.12	H
	6894	-39.02	-26.02	-13	-64.92	35.08	24.59	33.77	H
	8616	-35.51	-22.51	-13	-63.73	37.36	25.22	34.36	H
	10344	-40.87	-27.87	-13	-73.43	39.58	26.74	33.76	H
	12066	-41.92	-28.92	-13	-75.21	39.33	28.56	34.6	H
	17232	-39.53	-26.53	-13	-75.79	40.1	31.8	35.64	H
	3447.18	-58.48	-45.48	-13	-74.38	28.49	20.83	33.42	V
	5172	-41.75	-28.75	-13	-62.93	31.97	22.33	33.12	V
	6894	-36.49	-23.49	-13	-62.39	35.08	24.59	33.77	V
	8616	-29.7	-16.7	-13	-57.92	37.36	25.22	34.36	V
	10344	-36.08	-23.08	-13	-68.64	39.58	26.74	33.76	V
	12066	-39.89	-26.89	-13	-73.18	39.33	28.56	34.6	V
	17232	-36.65	-23.65	-13	-72.91	40.1	31.8	35.64	V
Highest	3472.18	-57.81	-44.81	-13	-73.84	28.63	20.82	33.42	H
	5208	-49.27	-36.27	-13	-70.27	31.75	22.37	33.12	H
	6942	-42.21	-29.21	-13	-68.38	35.35	24.62	33.8	H
	8682	-39.71	-26.71	-13	-68.22	37.56	25.28	34.33	H
	10416.54	-42.44	-29.44	-13	-75.3	39.83	26.78	33.75	H
	3472.18	-58.39	-45.39	-13	-74.42	28.63	20.82	33.42	V
	5208	-48.25	-35.25	-13	-69.25	31.75	22.37	33.12	V
	6942	-38.45	-25.45	-13	-64.62	35.35	24.62	33.8	V
	8682	-35.66	-22.66	-13	-64.17	37.56	25.28	34.33	V
	10417.5	-38.06	-25.06	-13	-70.92	39.83	26.78	33.75	V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								

**LTE Band 7**

LTE Band7/20M/QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Lowest	5004	-51.85	-26.85	-25	-72.46	31.62	22.11	33.12	H
	7506	-41.58	-16.58	-25	-68.54	36.69	24.4	34.13	H
	10008	-37.38	-12.38	-25	-69.27	39.09	26.57	33.77	H
	12510	-38.97	-13.97	-25	-71.45	38.53	28.67	34.72	H
									H
	5004	-54.46	-29.46	-25	-75.07	31.62	22.11	33.12	V
	7506	-42.12	-17.12	-25	-69.08	36.69	24.4	34.13	V
	10008	-38.8	-13.8	-25	-70.69	39.09	26.57	33.77	V
	12510	-41.59	-16.59	-25	-74.07	38.53	28.67	34.72	V
									V
Middle	5052	-51.54	-26.54	-25	-72.5	31.9	22.18	33.12	H
	7578	-37.43	-12.43	-25	-64.28	36.54	24.48	34.17	H
	10098	-36.48	-11.48	-25	-68.33	39	26.62	33.77	H
	12636	-38.43	-13.43	-25	-71.22	38.84	28.7	34.75	H
									H
	5052	-54.24	-29.24	-25	-75.2	31.9	22.18	33.12	V
	7578	-38.74	-13.74	-25	-65.59	36.54	24.48	34.17	V
	10098	-37.8	-12.8	-25	-69.65	39	26.62	33.77	V
	12636	-41.1	-16.1	-25	-73.89	38.84	28.7	34.75	V
									V
Highest	5100	-52.04	-27.04	-25	-73.16	32	22.24	33.12	H
	7656	-38.74	-13.74	-25	-65.58	36.49	24.56	34.21	H
	10206	-36.68	-11.68	-25	-68.72	39.12	26.68	33.76	H
	12762	-39.98	-14.98	-25	-73.03	39.09	28.73	34.77	H
									H
	5102.18	-53.68	-28.68	-25	-74.8	32	22.24	33.12	V
	7656	-40.14	-15.14	-25	-66.98	36.49	24.56	34.21	V
	10206	-36.89	-11.89	-25	-68.93	39.12	26.68	33.76	V
	12755.45	-42.42	-17.42	-25	-75.45	39.07	28.73	34.77	V
									V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								

**LTE Band CA_7C**

LTE Band CA_7C/20M+20M/QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Over Limit (dB)	Limit (dBm)	Read Level (dBm)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Polarization (H/V)
Lowest	5040	-55.15	-30.15	-25	-76.27	31.84	22.16	32.88	H
	7560	-41.69	-16.69	-25	-69.07	36.58	24.46	33.66	H
	10080	-42.59	-17.59	-25	-75	39.02	26.61	33.22	H
	12600	-40.94	-15.94	-25	-74.38	38.8	28.69	34.05	H
									H
	5040	-55.33	-30.33	-25	-76.45	31.84	22.16	32.88	V
	7560	-45.96	-20.96	-25	-73.34	36.58	24.46	33.66	V
	10080	-43.24	-18.24	-25	-75.65	39.02	26.61	33.22	V
	12600	-42.86	-17.86	-25	-76.3	38.8	28.69	34.05	V
									V
Middle	5070	-54.62	-29.62	-25	-75.89	31.94	22.2	32.87	H
	7602	-40.62	-15.62	-25	-67.94	36.5	24.5	33.68	H
	10134	-41.65	-16.65	-25	-74.09	39.03	26.64	33.23	H
	12672	-41.19	-16.19	-25	-74.73	38.87	28.71	34.04	H
									H
	5070	-55.06	-30.06	-25	-76.33	31.94	22.2	32.87	V
	7602	-46.26	-21.26	-25	-73.58	36.5	24.5	33.68	V
	10134	-42.48	-17.48	-25	-74.92	39.03	26.64	33.23	V
	12672	-42.95	-17.95	-25	-76.49	38.87	28.71	34.04	V
									V
Highest	5100	-55.13	-30.13	-25	-76.52	32	22.24	32.85	H
	7650	-42.87	-17.87	-25	-70.22	36.5	24.55	33.7	H
	10206	-42.72	-17.72	-25	-75.26	39.12	26.68	33.26	H
									H
									H
	5100	-55.28	-30.28	-25	-76.67	32	22.24	32.85	V
	7650	-45.83	-20.83	-25	-73.18	36.5	24.55	33.7	V
	10206	-41.7	-16.7	-25	-74.24	39.12	26.68	33.26	V
									V
									V
Remark	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								