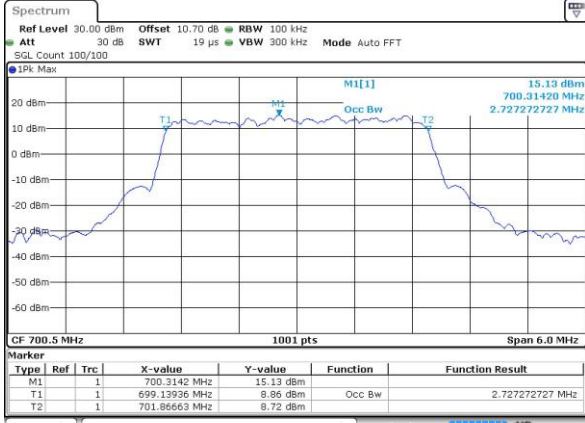




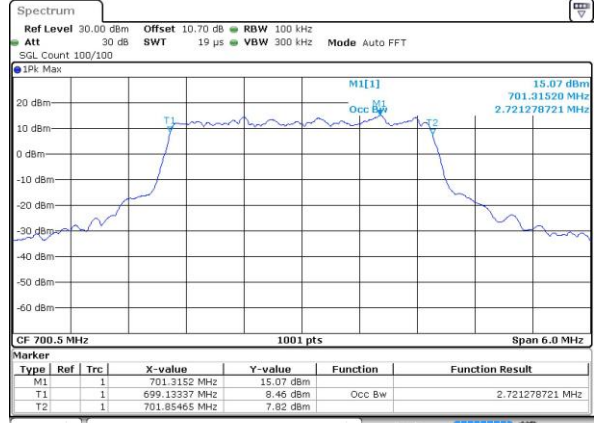
LTE Band 12

Lowest Channel / 3MHz / QPSK



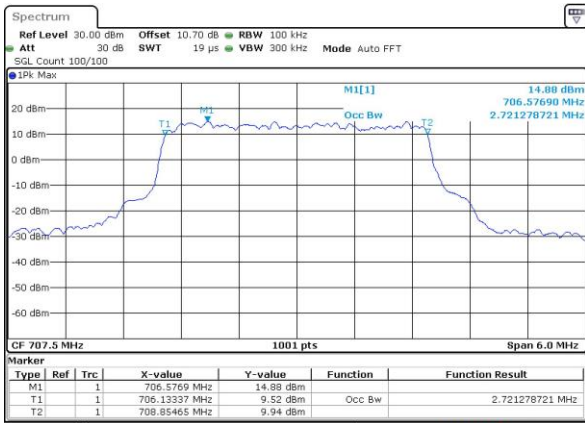
Date: 27 APR 2018 09:11:39

Lowest Channel / 3MHz / 16QAM



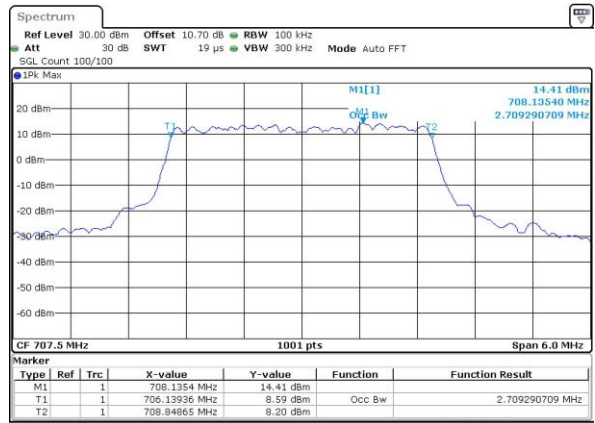
Date: 27 APR 2018 09:11:49

Middle Channel / 3MHz / QPSK



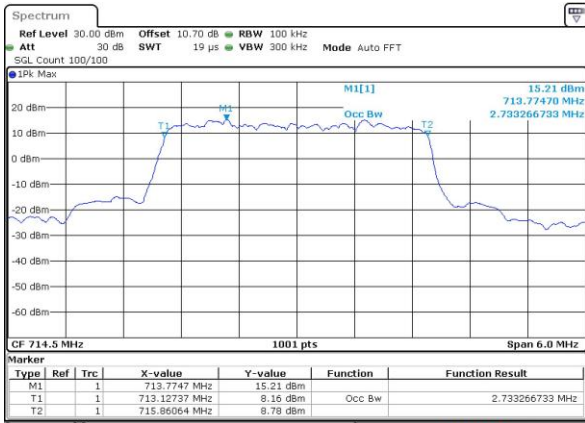
Date: 27 APR 2018 09:16:57

Middle Channel / 3MHz / 16QAM



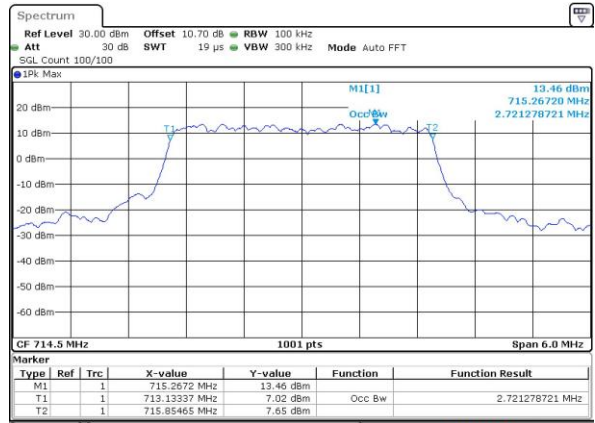
Date: 27 APR 2018 09:18:47

Highest Channel / 3MHz / QPSK



Date: 27 APR 2018 09:21:17

Highest Channel / 3MHz / 16QAM

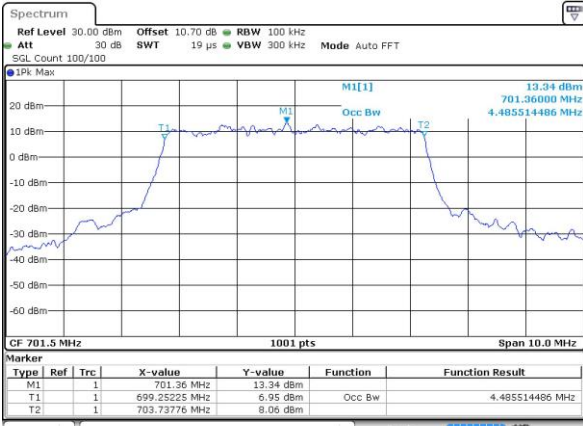


Date: 27 APR 2018 09:21:28



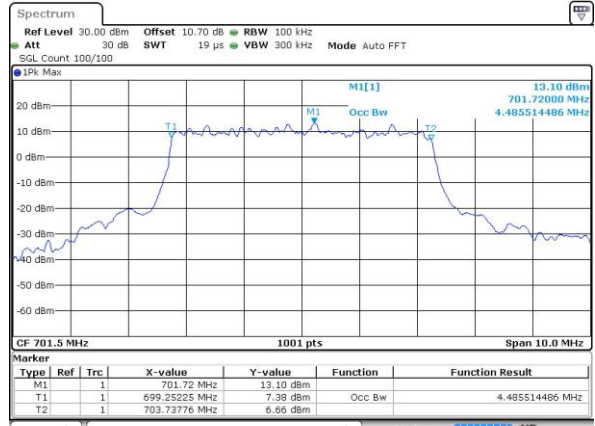
LTE Band 12

Lowest Channel / 5MHz / QPSK



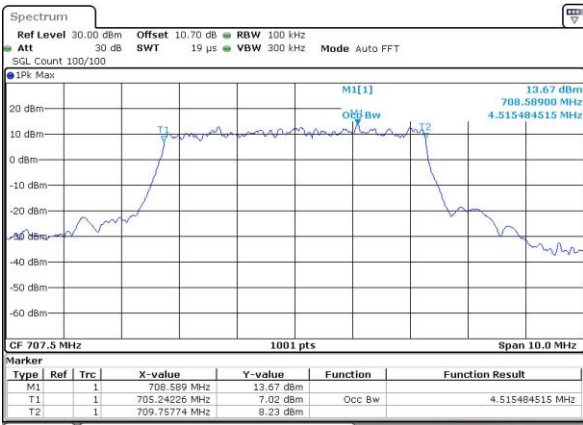
Date: 27 APR 2018 10:26:14

Lowest Channel / 5MHz / 16QAM



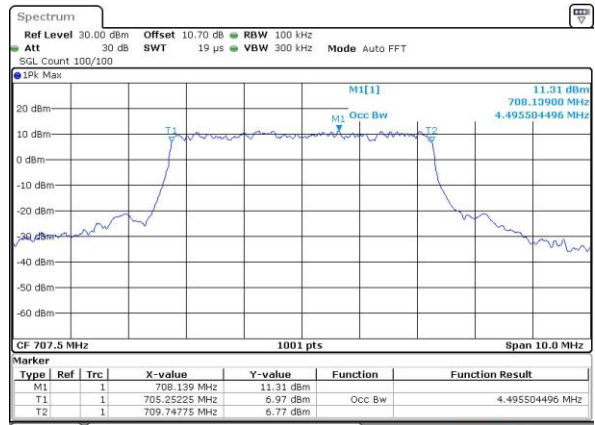
Date: 27 APR 2018 10:26:24

Middle Channel / 5MHz / QPSK



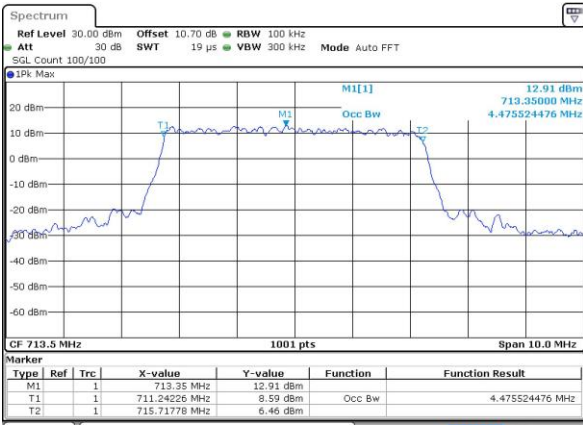
Date: 27 APR 2018 10:33:31

Middle Channel / 5MHz / 16QAM



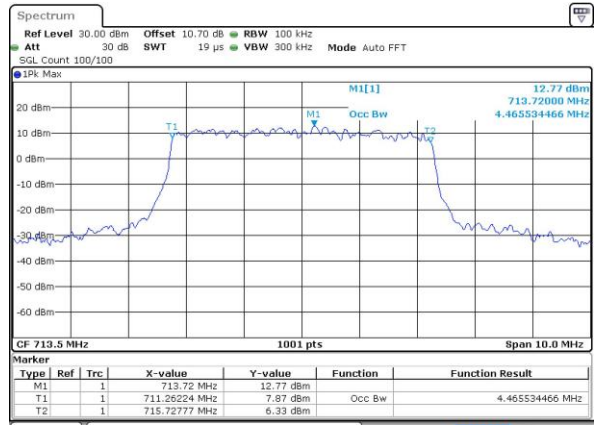
Date: 27 APR 2018 10:33:21

Highest Channel / 5MHz / QPSK



Date: 27 APR 2018 10:35:51

Highest Channel / 5MHz / 16QAM

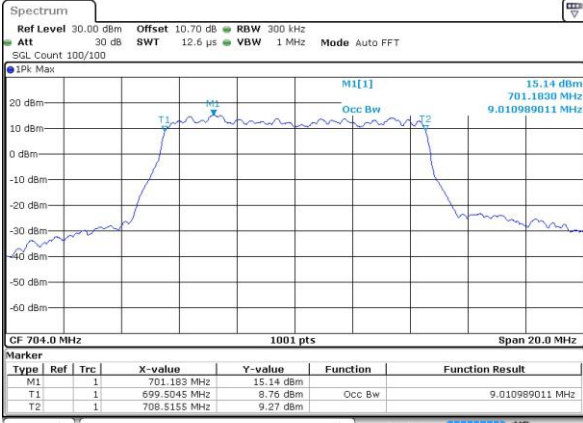


Date: 27 APR 2018 10:36:01



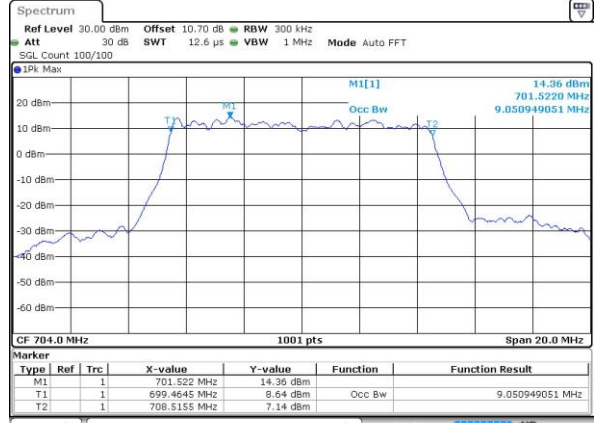
LTE Band 12

Lowest Channel / 10MHz / QPSK



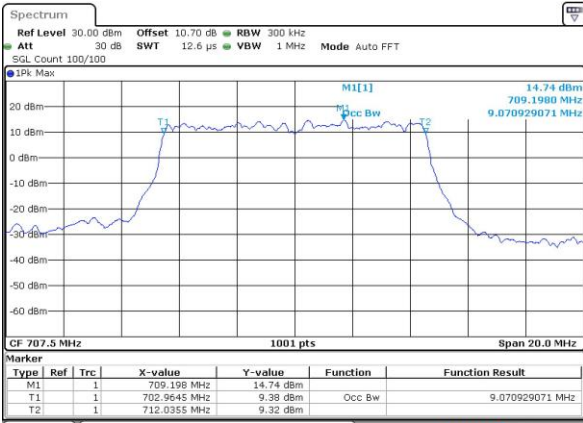
Date: 27 APR 2018 09:45:09

Lowest Channel / 10MHz / 16QAM



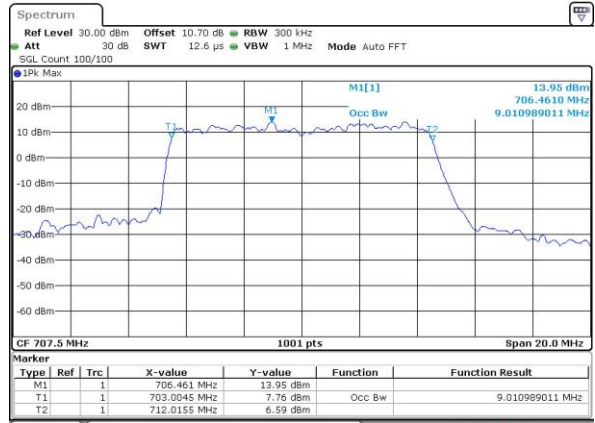
Date: 27 APR 2018 09:45:20

Middle Channel / 10MHz / QPSK



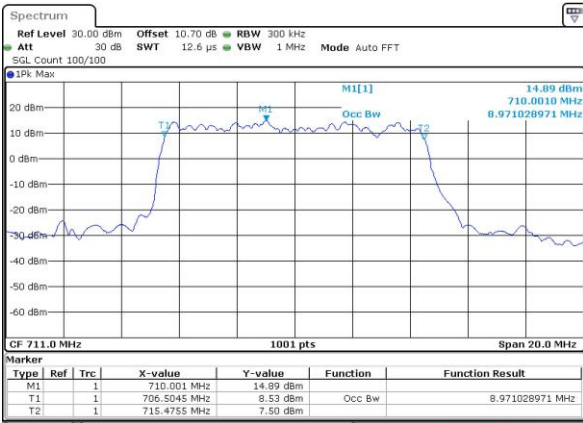
Date: 27 APR 2018 09:52:27

Middle Channel / 10MHz / 16QAM



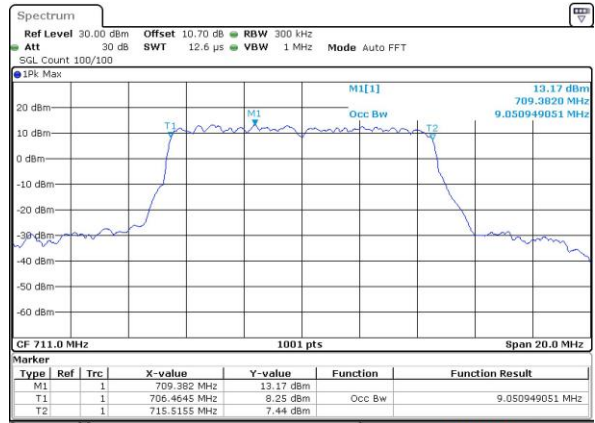
Date: 27 APR 2018 09:52:17

Highest Channel / 10MHz / QPSK



Date: 27 APR 2018 09:54:47

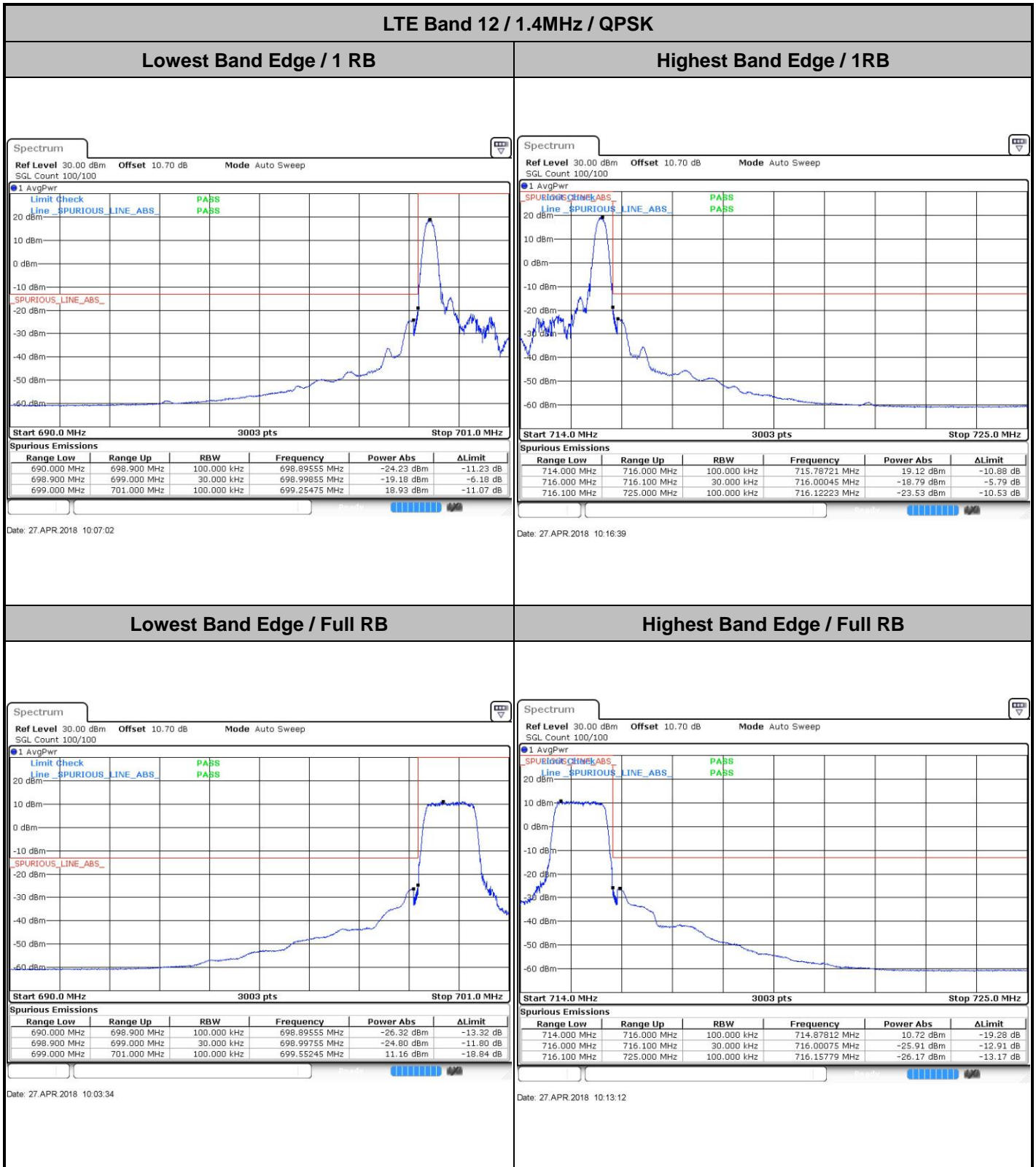
Highest Channel / 10MHz / 16QAM



Date: 27 APR 2018 09:54:58



**Conducted Band Edge**

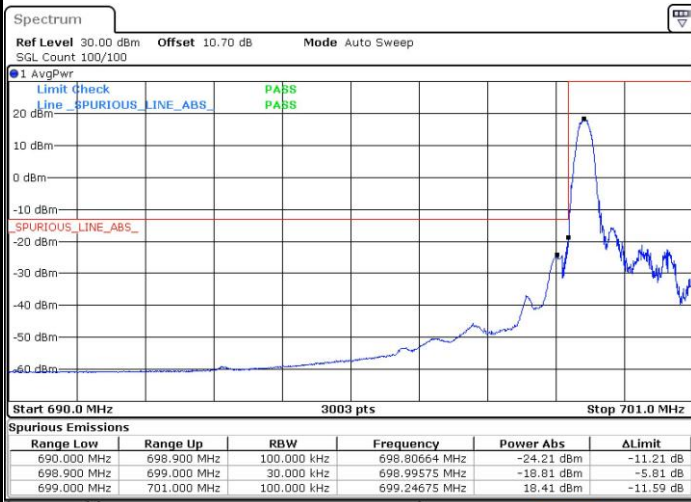




LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 27.APR.2018 10:05:53



Date: 27.APR.2018 10:15:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.APR.2018 10:04:44



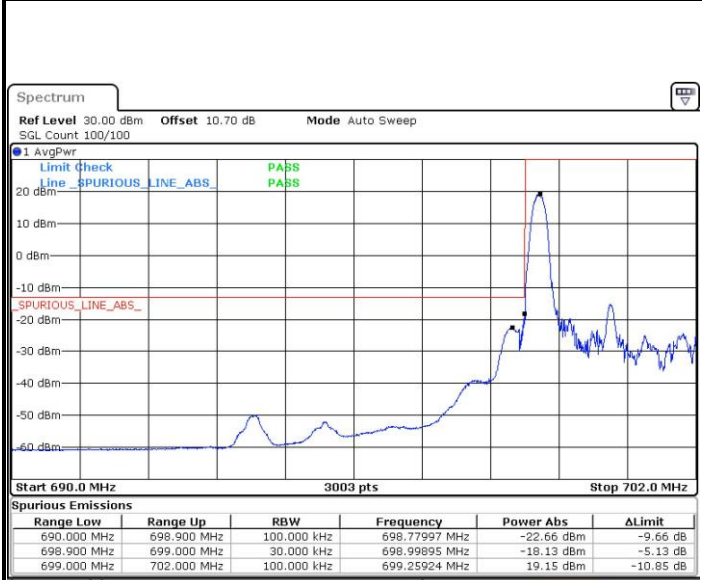
Date: 27.APR.2018 10:14:21





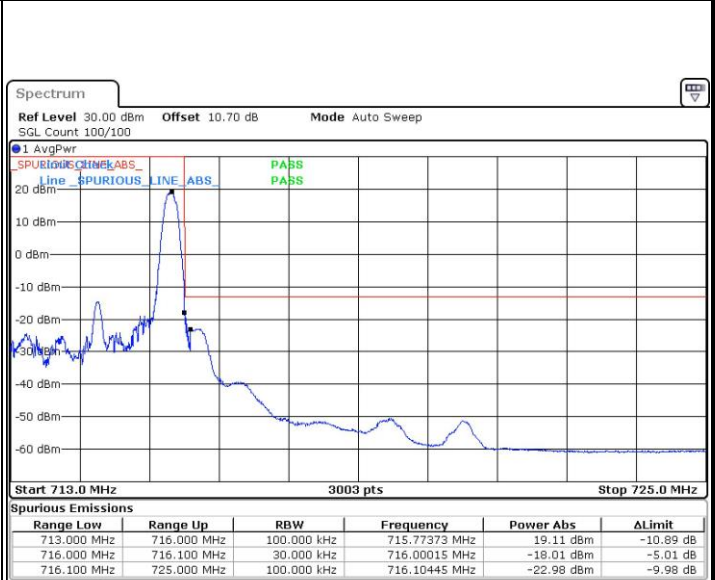
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



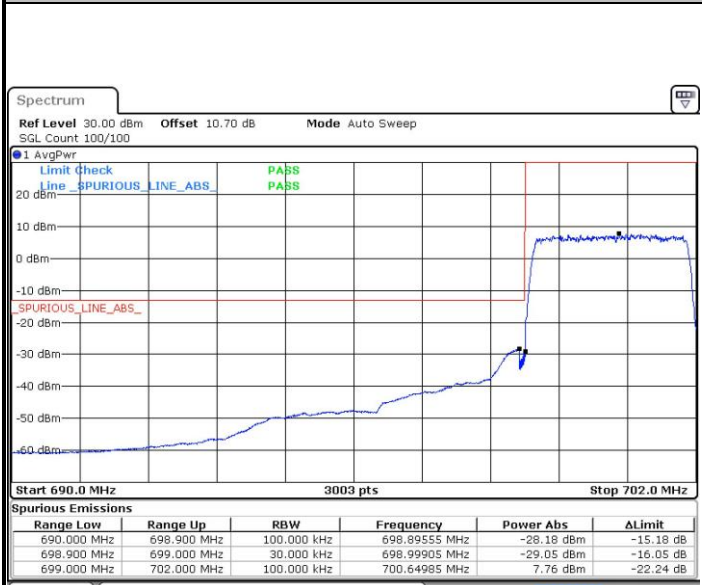
Date: 27.APR.2018 09:16:47

Highest Band Edge / 1 RB



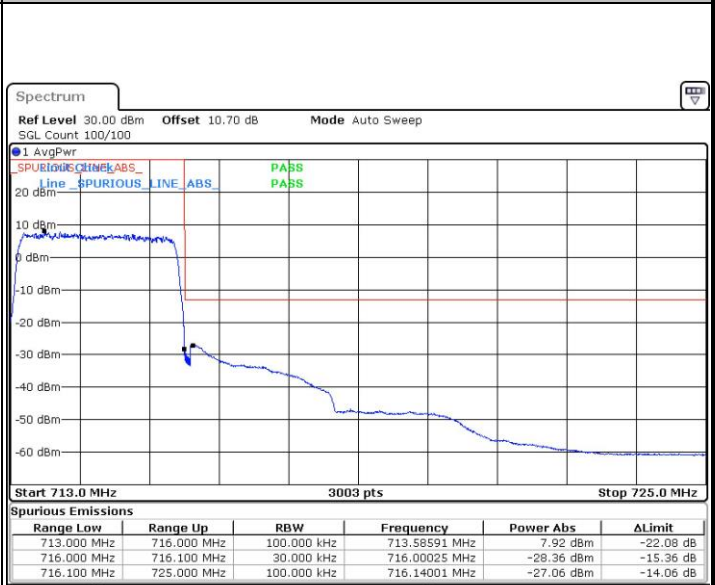
Date: 27.APR.2018 09:26:25

Lowest Band Edge / Full RB



Date: 27.APR.2018 09:13:19

Highest Band Edge / Full RB

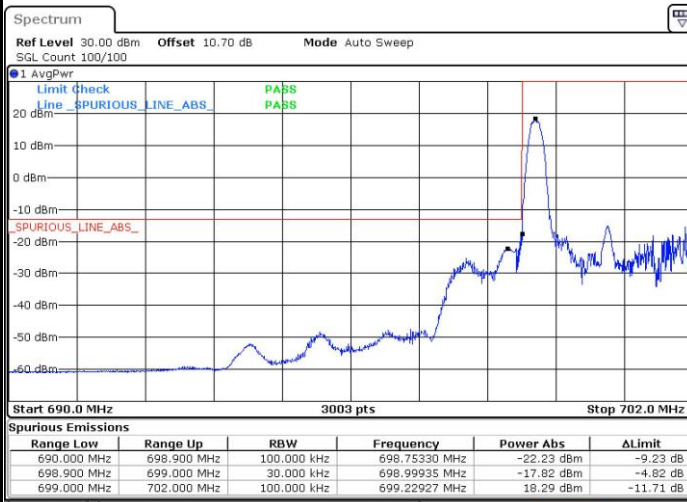


Date: 27.APR.2018 09:22:57



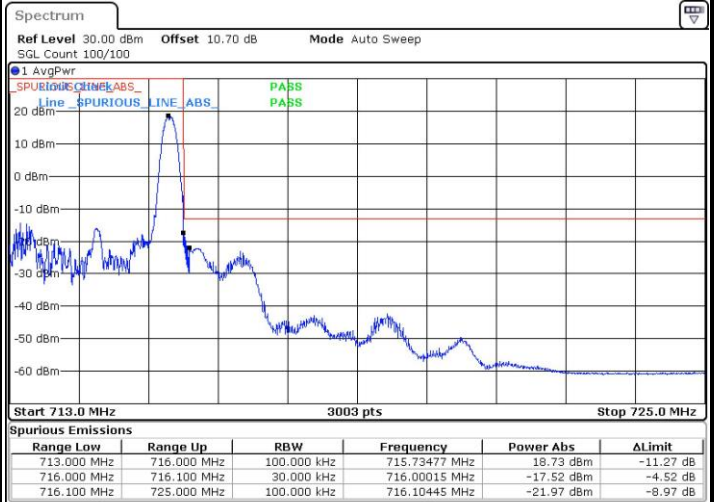
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 27.APR.2018 09:15:38

Highest Band Edge / 1 RB



Date: 27.APR.2018 09:25:15

Lowest Band Edge / Full RB



Date: 27.APR.2018 09:14:29

Highest Band Edge / Full RB



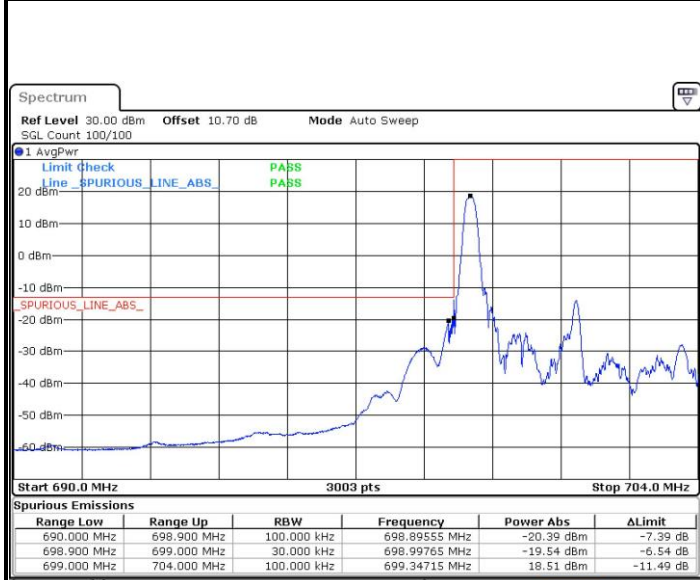
Date: 27.APR.2018 09:24:06





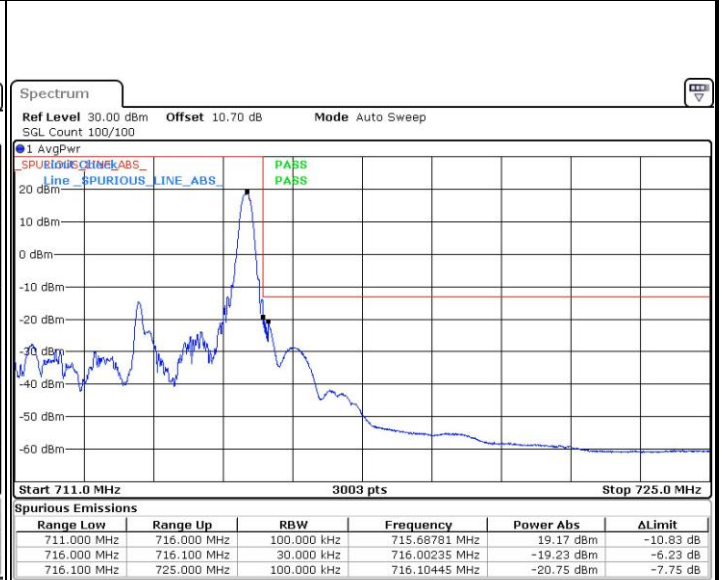
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



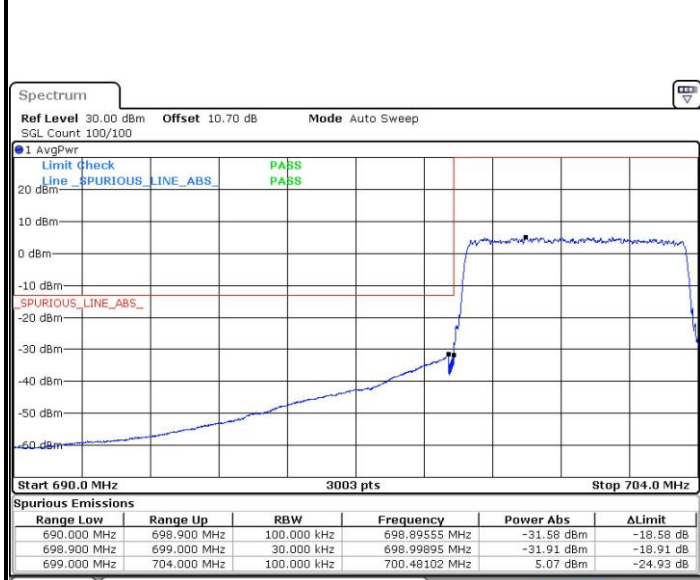
Date: 27.APR.2018 10:31:21

Highest Band Edge / 1 RB



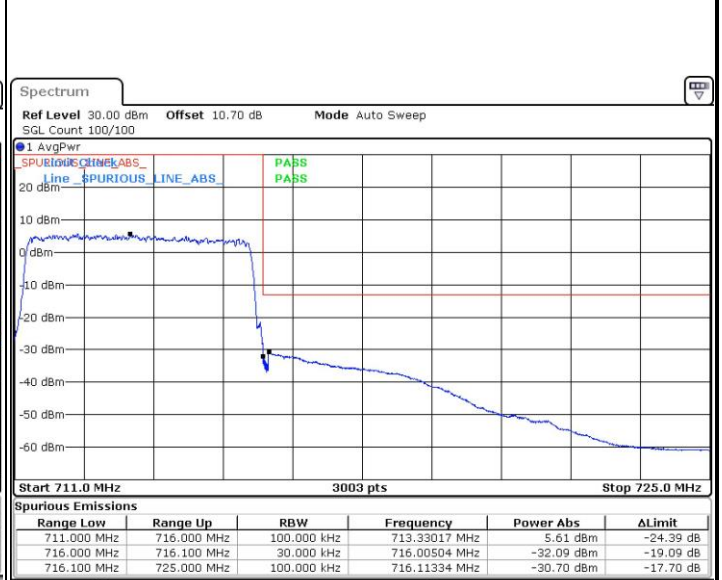
Date: 27.APR.2018 09:42:01

Lowest Band Edge / Full RB



Date: 27.APR.2018 10:27:53

Highest Band Edge / Full RB

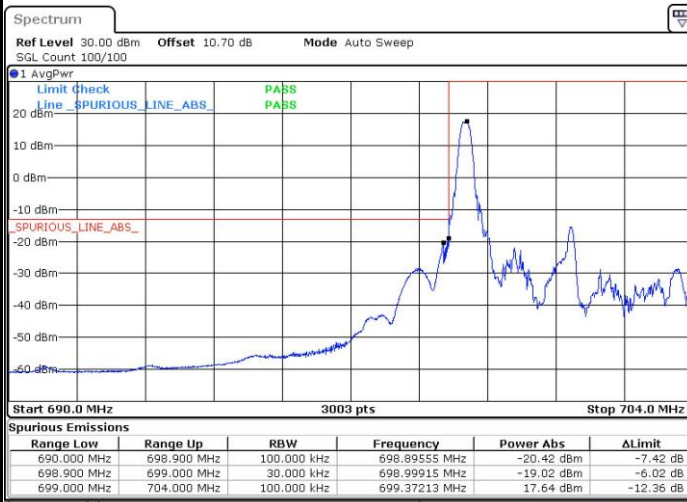


Date: 27.APR.2018 09:39:42



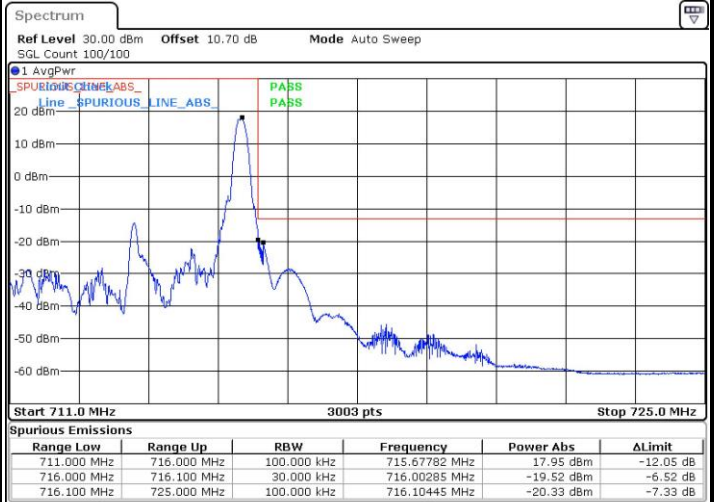
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



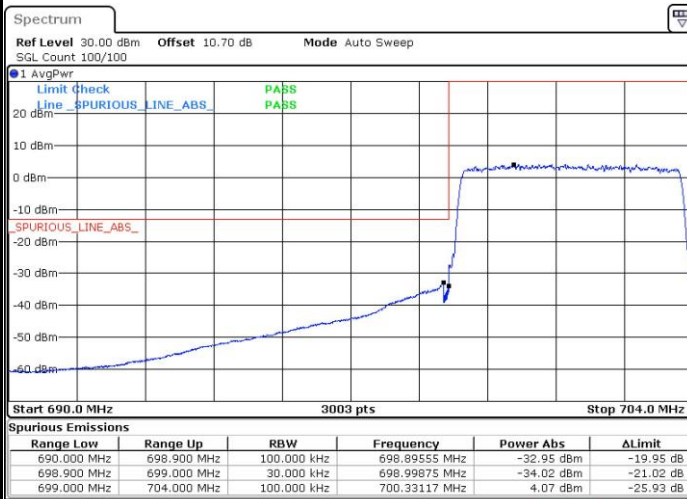
Date: 27.APR.2018 10:30:12

Highest Band Edge / 1 RB



Date: 27.APR.2018 09:43:10

Lowest Band Edge / Full RB



Date: 27.APR.2018 10:29:03

Highest Band Edge / Full RB

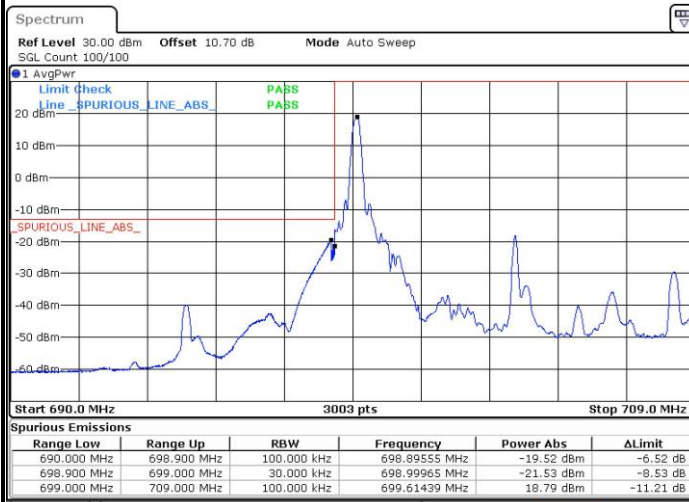


Date: 27.APR.2018 09:40:51



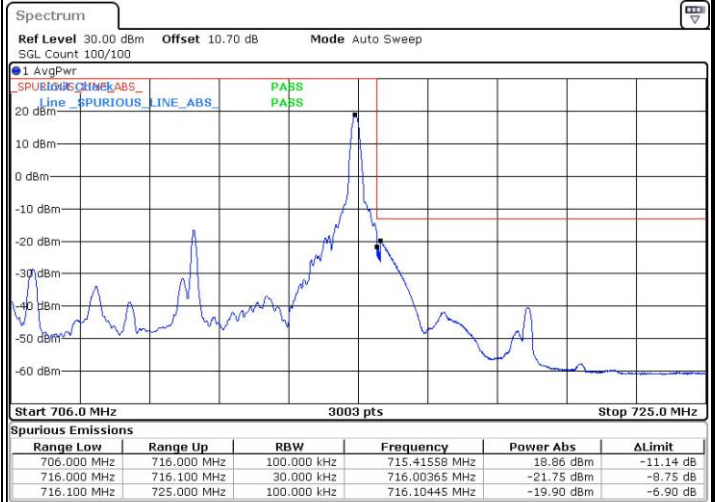
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



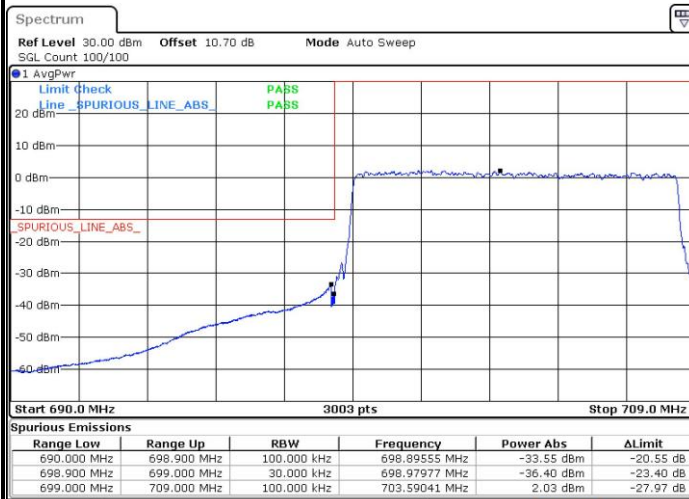
Date: 27.APR.2018 09:50:17

Highest Band Edge / 1 RB



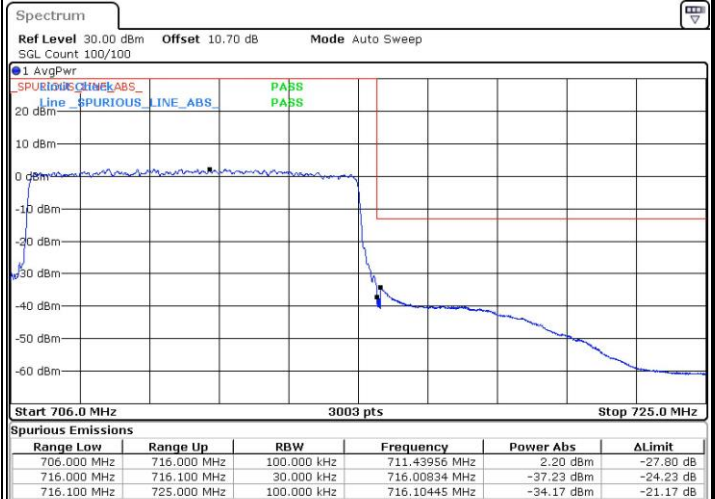
Date: 27.APR.2018 09:59:55

Lowest Band Edge / Full RB



Date: 27.APR.2018 09:46:49

Highest Band Edge / Full RB

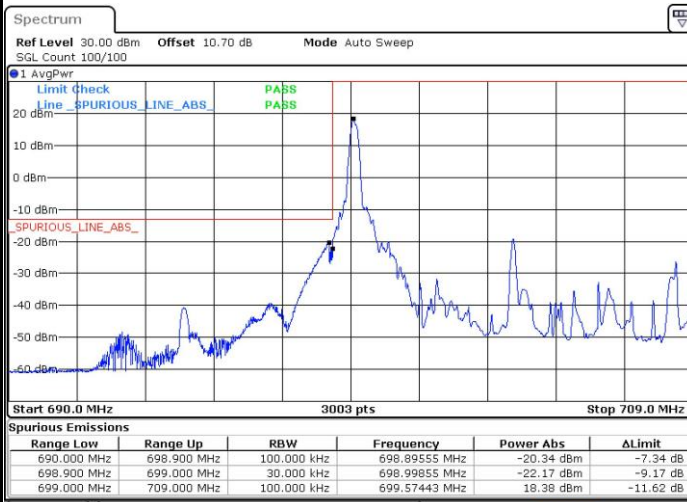


Date: 27.APR.2018 09:56:27



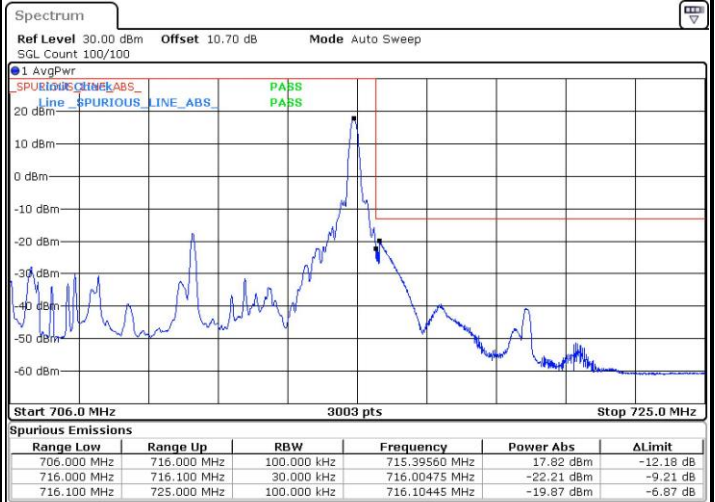
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



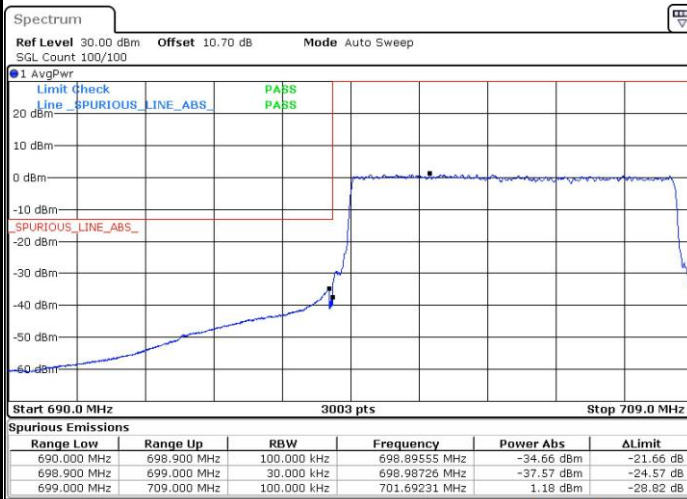
Date: 27.APR.2018 09:49:08

Highest Band Edge / 1 RB



Date: 27.APR.2018 09:58:45

Lowest Band Edge / Full RB



Date: 27.APR.2018 09:47:59

Highest Band Edge / Full RB



Date: 27.APR.2018 09:57:36



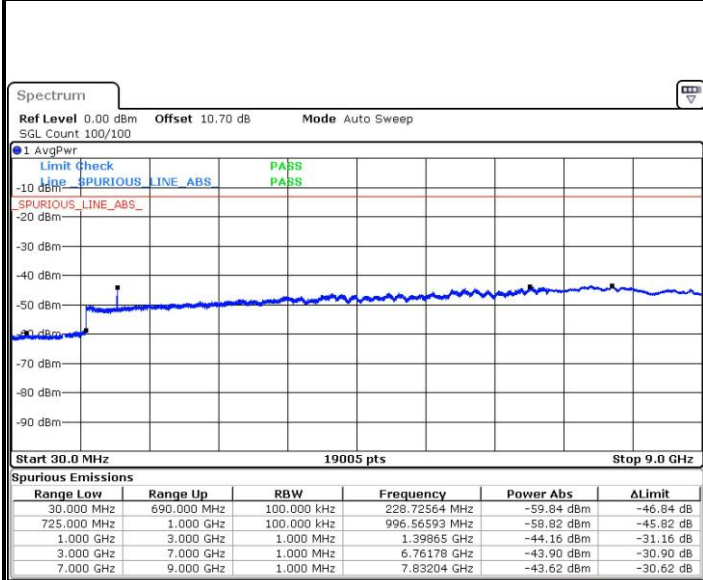
**Conducted Spurious Emission**





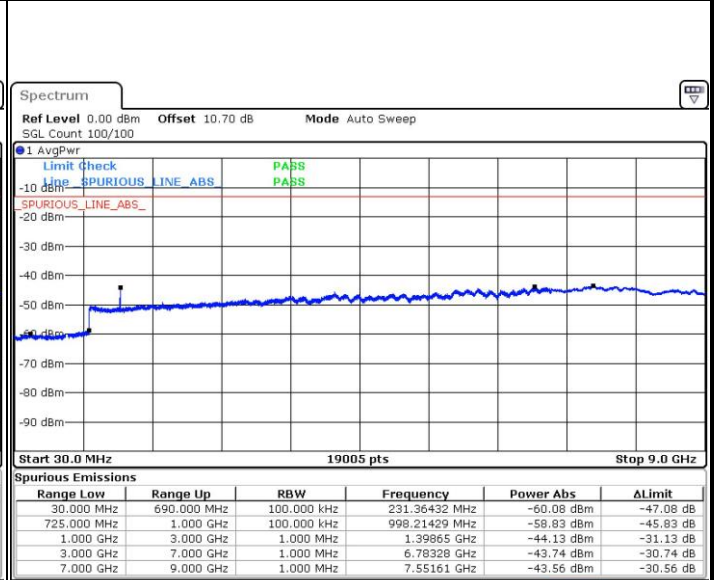
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



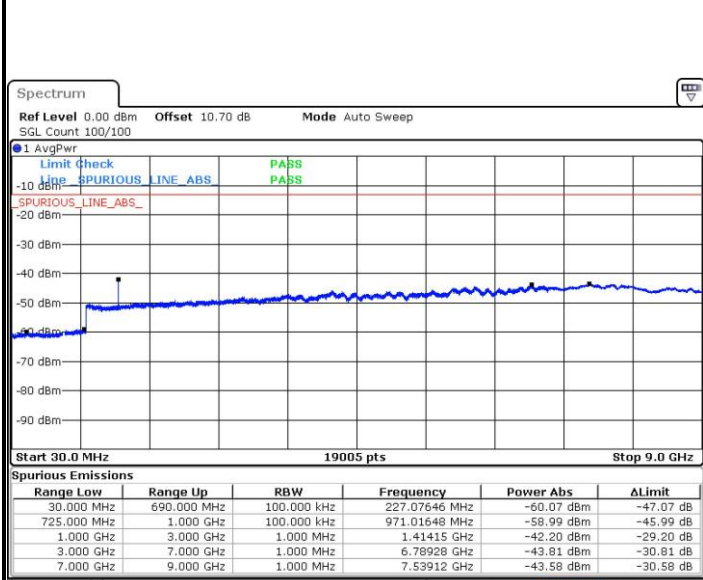
Date: 27 APR 2018 10:07:57

Lowest Channel / 16QAM



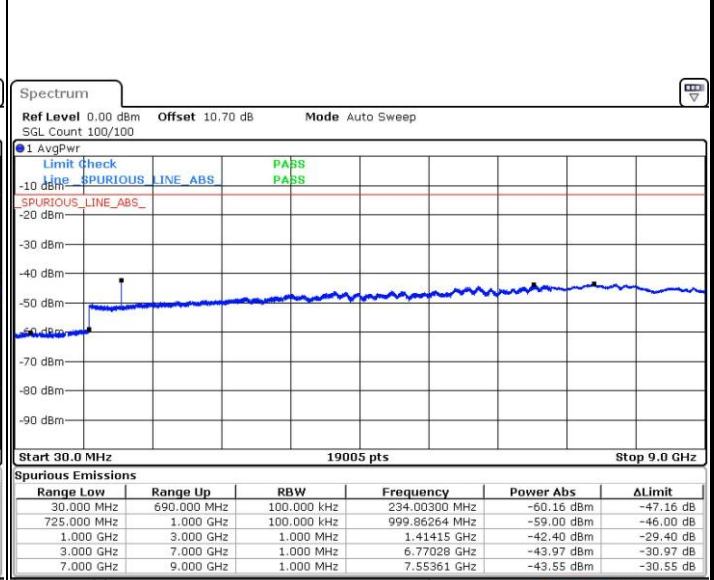
Date: 27 APR 2018 10:08:51

Middle Channel / QPSK



Date: 27 APR 2018 10:11:22

Middle Channel / 16QAM

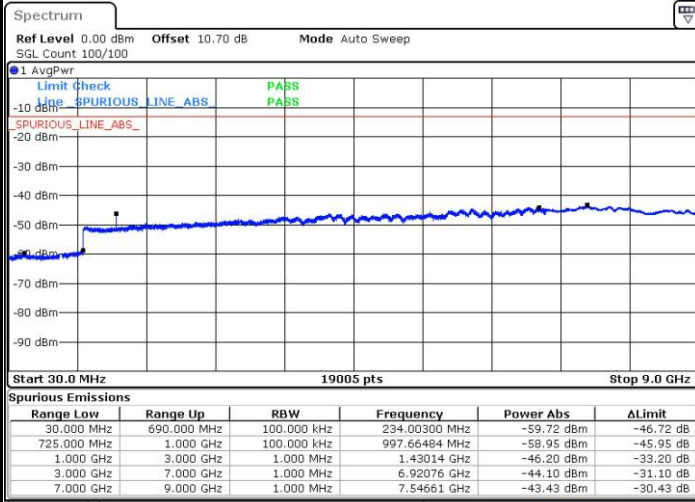


Date: 27 APR 2018 10:10:27



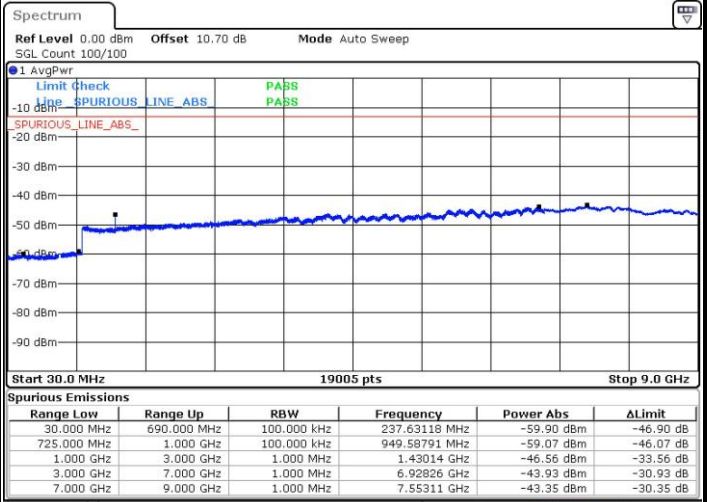
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 27 APR 2018 10:17:34

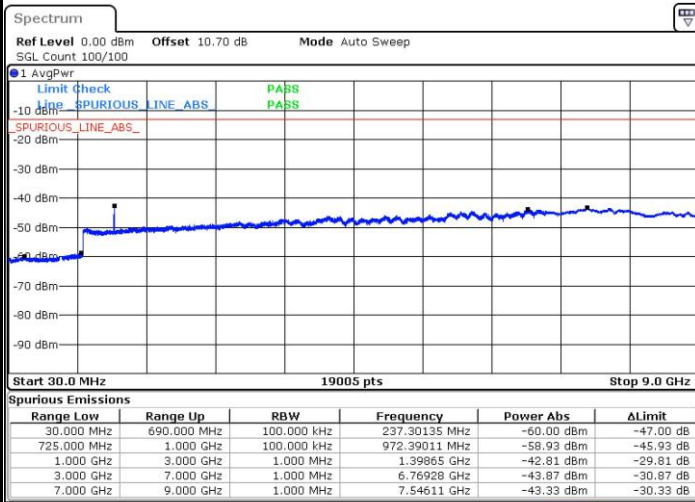
Highest Channel / 16QAM



Date: 27 APR 2018 10:18:29

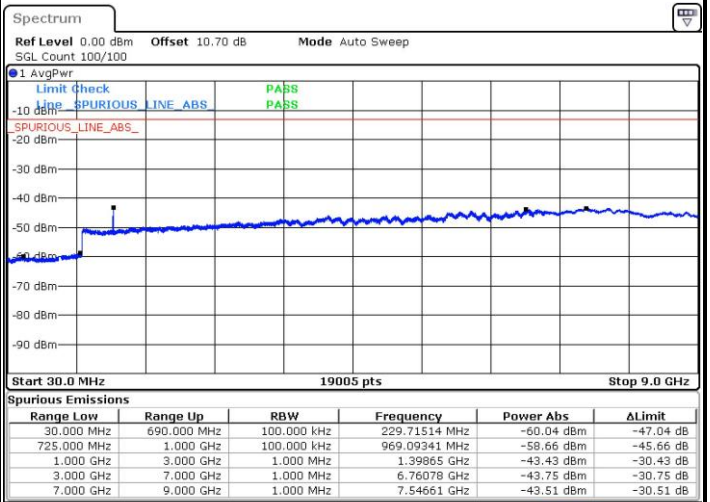
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 27 APR 2018 09:17:42

Lowest Channel / 16QAM



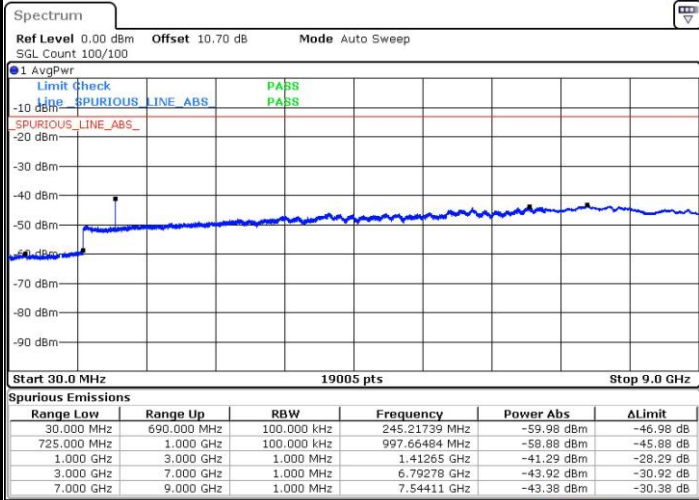
Date: 27 APR 2018 09:18:36



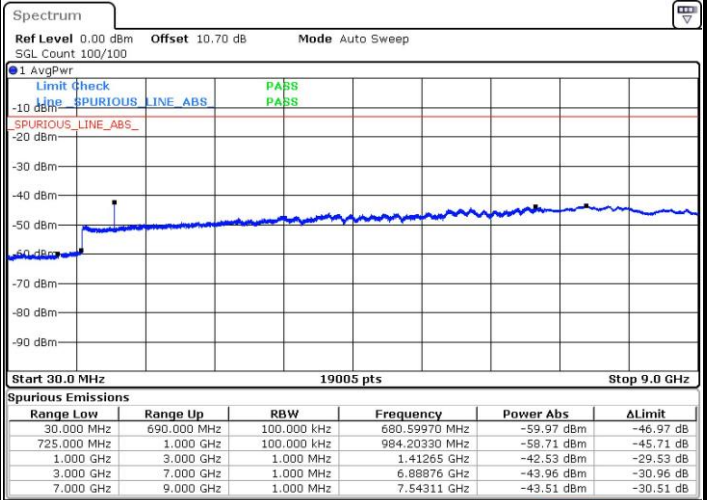
LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



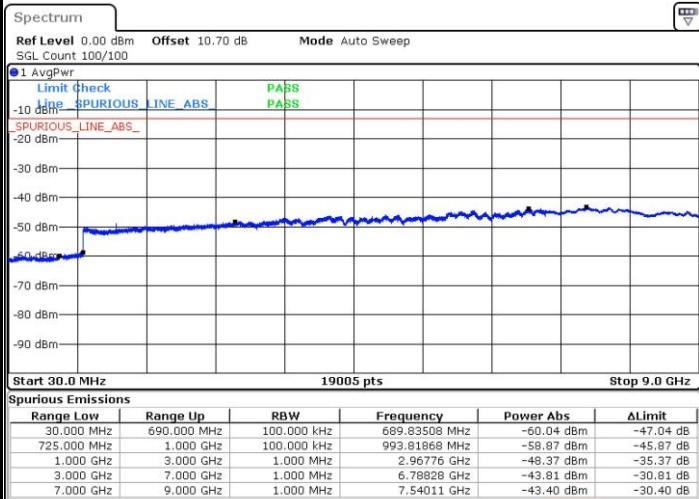
Date: 27 APR 2016 09:21:07



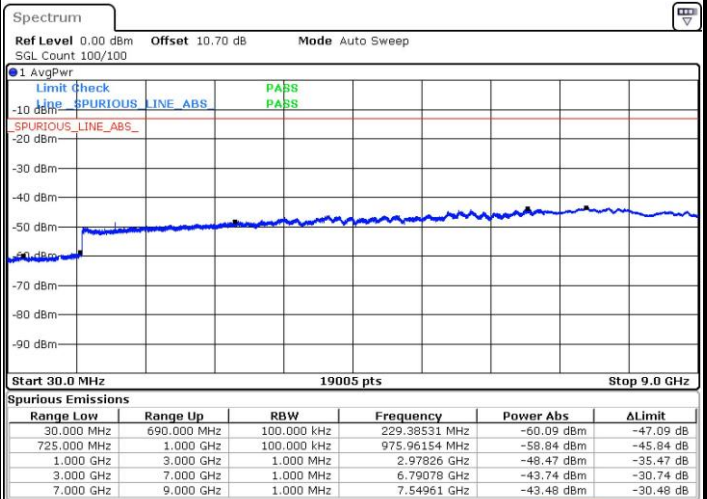
Date: 27 APR 2016 09:20:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27 APR 2016 09:27:20



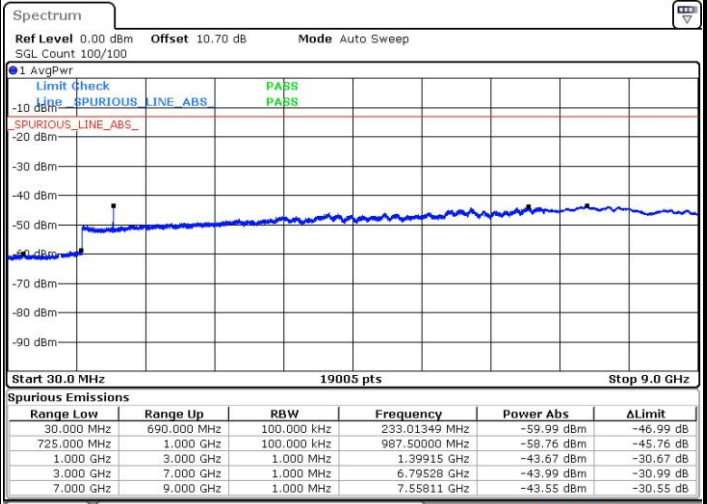
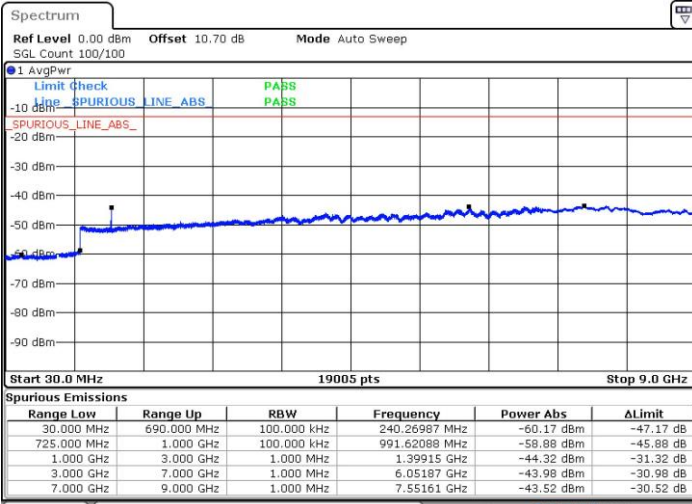
Date: 27 APR 2016 09:28:14



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

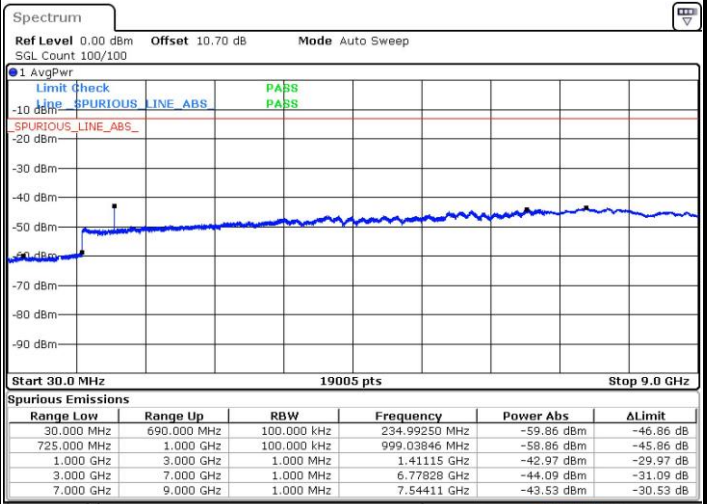
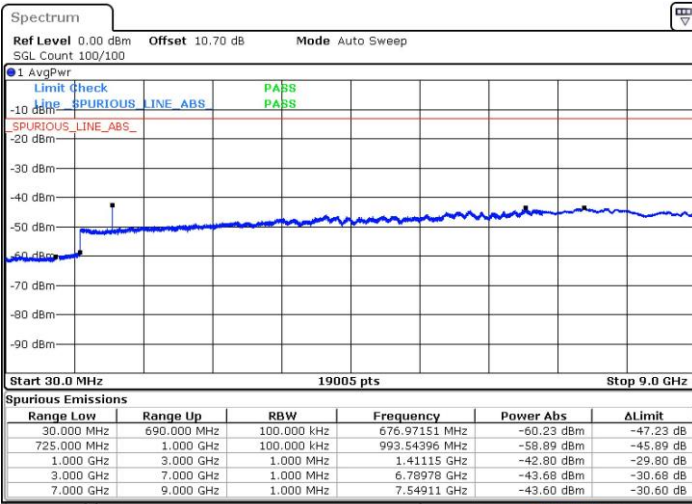


Date: 27 APR 2018 10:32:16

Date: 27 APR 2018 10:33:10

Middle Channel / QPSK

Middle Channel / 16QAM



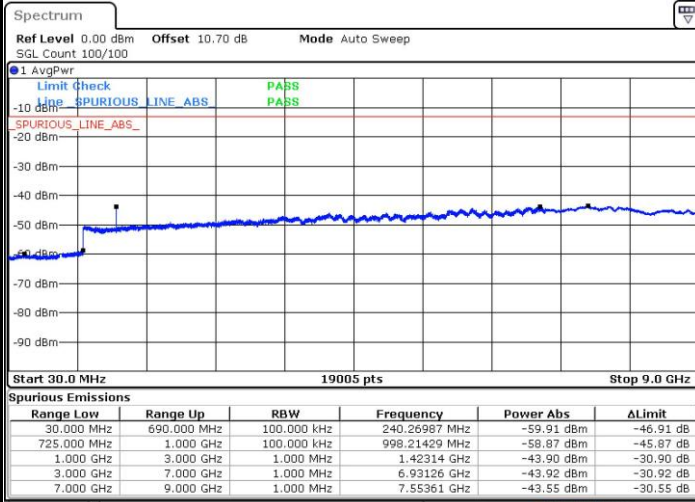
Date: 27 APR 2018 10:35:41

Date: 27 APR 2018 10:34:46



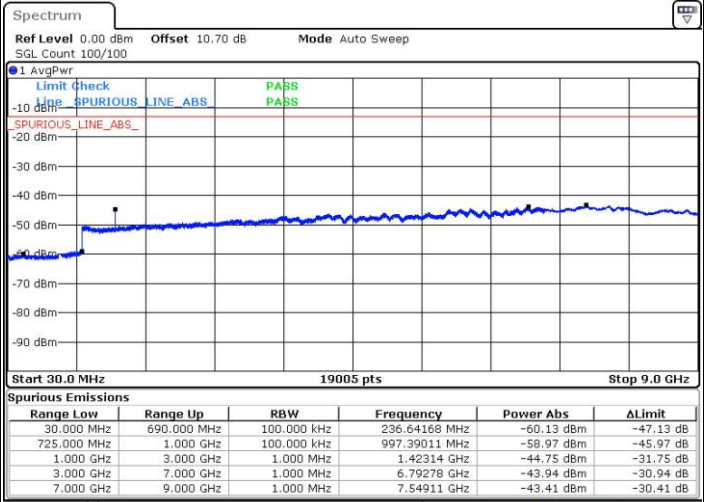
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 27 APR 2018 09:44:59

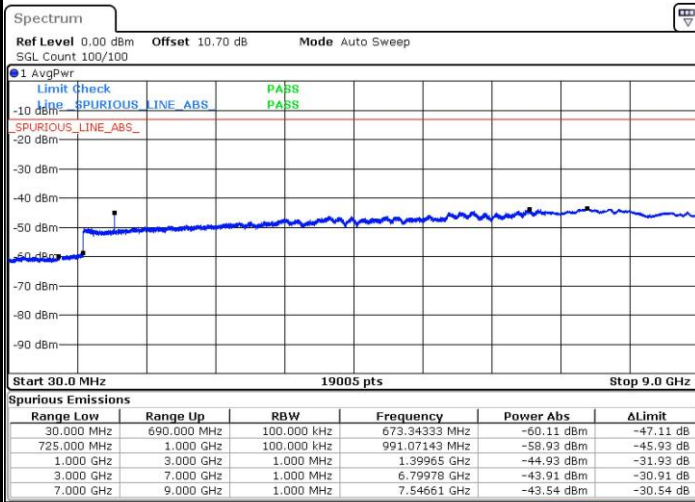
Highest Channel / 16QAM



Date: 27 APR 2018 09:44:05

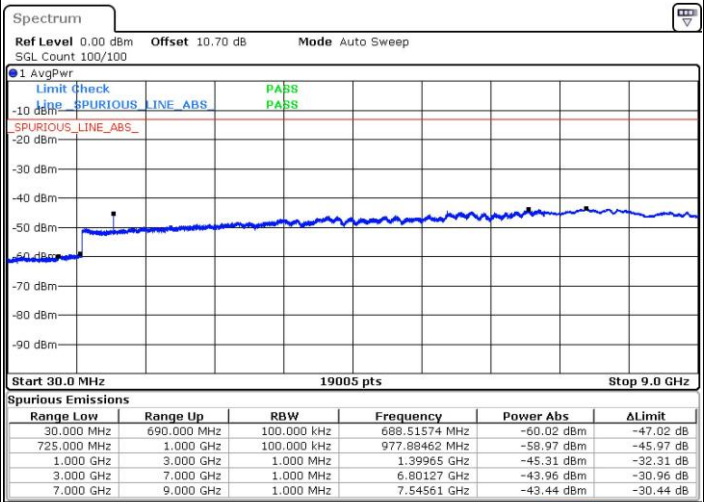
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 27 APR 2018 09:51:12

Lowest Channel / 16QAM



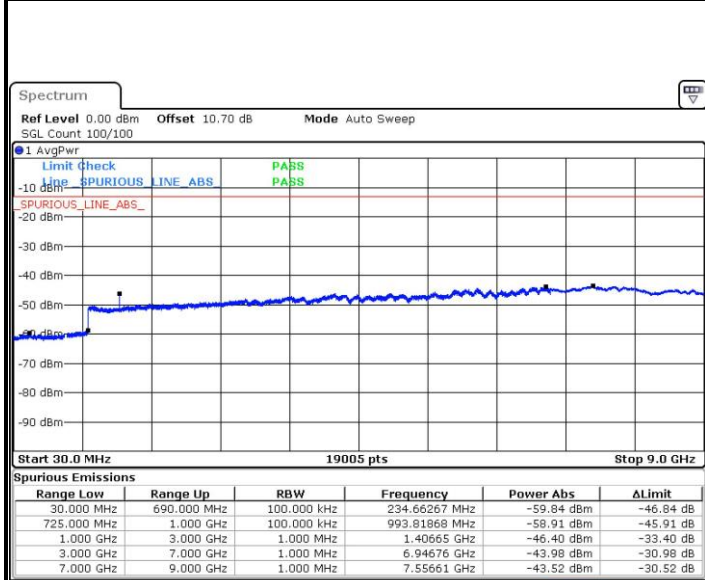
Date: 27 APR 2018 09:52:06





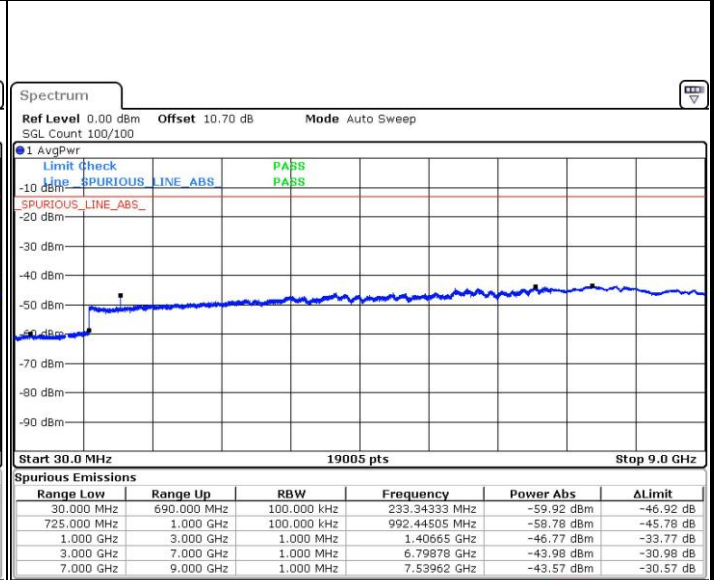
LTE Band 12 / 10MHz

Middle Channel / QPSK



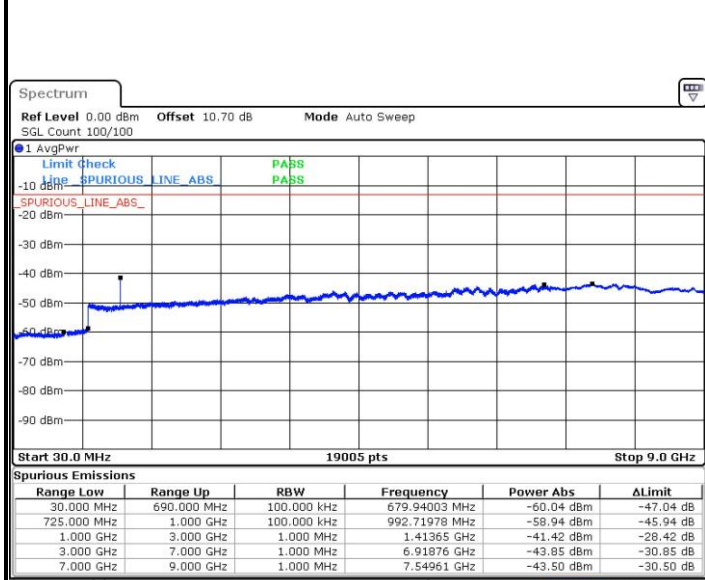
Date: 27 APR 2018 09:54:37

Middle Channel / 16QAM



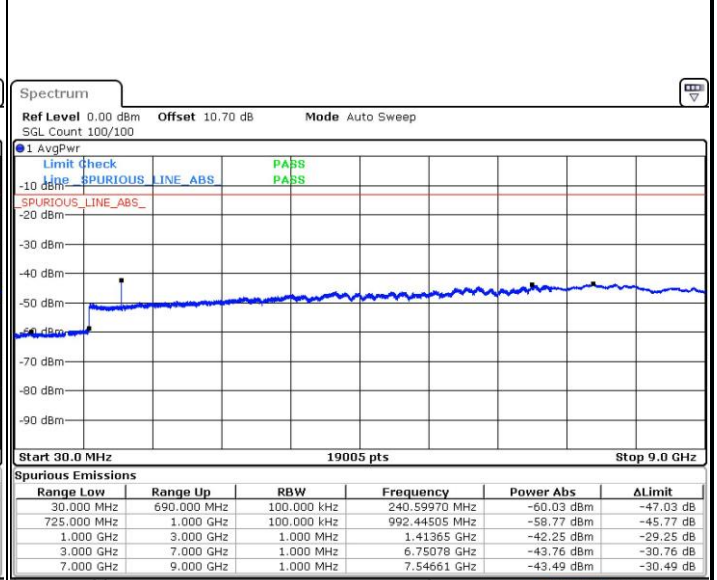
Date: 27 APR 2018 09:53:43

Highest Channel / QPSK



Date: 27 APR 2018 10:00:50

Highest Channel / 16QAM



Date: 27 APR 2018 10:01:44



**Frequency Stability**

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0061	PASS
40	Normal Voltage	0.0072	
30	Normal Voltage	0.0089	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0082	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0062	

**Note:**

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



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

### ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	22.03	0.1596	22.33	0.1710
Middle		3	3	22.12	0.1629	22.42	0.1746
Highest		3	3	22.11	0.1626	22.41	0.1742
Lowest	16QAM	1	3	21.32	0.1355	21.62	0.1452
Middle		1	3	21.41	0.1384	21.71	0.1483
Highest		1	3	21.34	0.1361	21.64	0.1459
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.04	0.1600	22.34	0.1714
Middle		1	0	22.00	0.1585	22.30	0.1698
Highest		1	0	22.05	0.1603	22.35	0.1718
Lowest	16QAM	1	0	21.36	0.1368	21.66	0.1466
Middle		1	0	21.27	0.1340	21.57	0.1435
Highest		1	0	21.37	0.1371	21.67	0.1469
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.09	0.1618	22.39	0.1734
Middle		1	0	21.97	0.1574	22.27	0.1687
Highest		1	0	22.11	0.1626	22.41	0.1742
Lowest	16QAM	1	0	21.37	0.1371	21.67	0.1469
Middle		1	0	21.27	0.1340	21.57	0.1435
Highest		1	0	21.41	0.1384	21.71	0.1483
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.24	0.1675	22.54	0.1795
Middle		1	0	22.13	0.1633	22.43	0.1750
Highest		1	0	22.31	0.1702	22.61	0.1824
Lowest	16QAM	1	0	21.53	0.1422	21.83	0.1524
Middle		1	0	21.45	0.1396	21.75	0.1496
Highest		1	0	21.71	0.1483	22.01	0.1589
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.21	0.1663	22.51	0.1782
Middle		1	0	22.32	0.1706	22.62	0.1828
Highest		1	0	22.33	0.1710	22.63	0.1832
Lowest	16QAM	1	0	21.60	0.1445	21.90	0.1549
Middle		1	0	21.71	0.1483	22.01	0.1589
Highest		1	0	21.72	0.1486	22.02	0.1592
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.27	0.1687	22.57	0.1807
Middle		1	0	22.28	0.1690	22.58	0.1811
Highest		1	0	22.35	0.1718	22.65	0.1841
Lowest	16QAM	1	0	21.20	0.1318	21.50	0.1413
Middle		1	0	21.47	0.1403	21.77	0.1503
Highest		1	0	21.48	0.1406	21.78	0.1507
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.53	0.1791	23.93	0.2472
Middle		3	0	22.45	0.1758	23.85	0.2427
Highest		3	0	22.61	0.1824	24.01	0.2518
Lowest	16QAM	1	3	21.97	0.1574	23.37	0.2173
Middle		1	3	21.74	0.1493	23.14	0.2061
Highest		1	3	21.84	0.1528	23.24	0.2109
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.53	0.1791	23.93	0.2472
Middle		1	0	22.42	0.1746	23.82	0.2410
Highest		1	0	22.60	0.1820	24.00	0.2512
Lowest	16QAM	1	8	21.86	0.1535	23.26	0.2118
Middle		1	8	21.69	0.1476	23.09	0.2037
Highest		1	8	21.77	0.1503	23.17	0.2075
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.54	0.1795	23.94	0.2477
Middle		1	0	22.37	0.1726	23.77	0.2382
Highest		1	0	22.69	0.1858	24.09	0.2564
Lowest	16QAM	1	0	21.82	0.1521	23.22	0.2099
Middle		1	0	21.75	0.1496	23.15	0.2065
Highest		1	0	21.98	0.1578	23.38	0.2178
Limit	EIRP < 1W			Result		PASS	





LTE Band 4 / 10MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.69	0.1858	24.09	0.2564
Middle		1	0	22.44	0.1754	23.84	0.2421
Highest		1	0	22.66	0.1845	24.06	0.2547
Lowest	16QAM	1	0	21.97	0.1574	23.37	0.2173
Middle		1	0	21.80	0.1514	23.20	0.2089
Highest		1	0	21.96	0.1570	23.36	0.2168
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.67	0.1849	24.07	0.2553
Middle		1	0	22.70	0.1862	24.10	0.2570
Highest		1	0	22.69	0.1858	24.09	0.2564
Lowest	16QAM	1	0	21.87	0.1538	23.27	0.2123
Middle		1	0	21.96	0.1570	23.36	0.2168
Highest		1	0	21.99	0.1581	23.39	0.2183
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.61	0.1824	24.01	0.2518
Middle		1	0	22.71	0.1866	24.11	0.2576
Highest		1	0	22.57	0.1807	23.97	0.2495
Lowest	16QAM	1	0	21.90	0.1549	23.30	0.2138
Middle		1	0	21.85	0.1531	23.25	0.2113
Highest		1	0	21.83	0.1524	23.23	0.2104
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 0.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	22.06	0.1607	20.61	0.1151
Middle		1	5	22.17	0.1648	20.72	0.1180
Highest		1	5	21.99	0.1581	20.54	0.1132
Lowest	16QAM	1	3	21.46	0.1400	20.01	0.1002
Middle		1	3	21.55	0.1429	20.10	0.1023
Highest		1	3	21.34	0.1361	19.89	0.0975
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 0.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.07	0.1611	20.62	0.1153
Middle		1	0	22.15	0.1641	20.70	0.1175
Highest		1	0	22.03	0.1596	20.58	0.1143
Lowest	16QAM	1	8	21.35	0.1365	19.90	0.0977
Middle		1	8	21.44	0.1393	19.99	0.0998
Highest		1	8	21.28	0.1343	19.83	0.0962
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 0.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.07	0.1611	20.62	0.1153
Middle		1	0	22.14	0.1637	20.69	0.1172
Highest		1	0	21.94	0.1563	20.49	0.1119
Lowest	16QAM	1	12	21.34	0.1361	19.89	0.0975
Middle		1	12	21.49	0.1409	20.04	0.1009
Highest		1	12	21.33	0.1358	19.88	0.0973
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 0.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.08	0.1614	20.63	0.1156
Middle		1	0	22.18	0.1652	20.73	0.1183
Highest		1	0	22.12	0.1629	20.67	0.1167
Lowest	16QAM	1	0	21.39	0.1377	19.94	0.0986
Middle		1	0	21.45	0.1396	20.00	0.1000
Highest		1	0	21.40	0.1380	19.95	0.0989
Limit	ERP < 7W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	22.16	0.1644	20.51	0.1125
Middle		3	3	22.19	0.1656	20.54	0.1132
Highest		3	3	22.26	0.1683	20.61	0.1151
Lowest	16QAM	1	0	21.50	0.1413	19.85	0.0966
Middle		1	0	21.60	0.1445	19.95	0.0989
Highest		1	0	21.60	0.1445	19.95	0.0989
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	22.10	0.1622	20.45	0.1109
Middle		1	14	22.10	0.1622	20.45	0.1109
Highest		1	14	22.22	0.1667	20.57	0.1140
Lowest	16QAM	1	8	21.43	0.1390	19.78	0.0951
Middle		1	8	21.52	0.1419	19.87	0.0971
Highest		1	8	21.37	0.1371	19.72	0.0938
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.13	0.1633	20.48	0.1117
Middle		1	12	22.16	0.1644	20.51	0.1125
Highest		1	12	22.16	0.1644	20.51	0.1125
Lowest	16QAM	1	12	21.45	0.1396	19.80	0.0955
Middle		1	12	21.46	0.1400	19.81	0.0957
Highest		1	12	21.40	0.1380	19.75	0.0944
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.07	0.1611	20.42	0.1102
Middle		1	0	22.32	0.1706	20.67	0.1167
Highest		1	0	22.26	0.1683	20.61	0.1151
Lowest	16QAM	1	0	21.35	0.1365	19.70	0.0933
Middle		1	0	21.46	0.1400	19.81	0.0957
Highest		1	0	21.61	0.1449	19.96	0.0991
Limit	ERP < 3W			Result		PASS	



**Radiated Spurious Emission**

**Part 24E LTE Band 2**

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-57.18	-13	-44.18	-75.04	-67.49	1.97	12.28	H
	5555	-40.89	-13	-27.89	-62.17	-51.02	2.14	12.28	H
	7403	-52.18	-13	-39.18	-76.94	-60.18	2.17	10.17	H
									H
									H
	3700	-54.37	-13	-41.37	-71.63	-64.68	1.97	12.28	V
	5555	-45.83	-13	-32.83	-67.35	-55.96	2.14	12.28	V
	7403	-53.09	-13	-40.09	-76.91	-61.09	2.17	10.17	V
									V
									V
Middle	3742	-51.38	-13	-38.38	-69.09	-61.64	2.00	12.25	H
	5611	-40.33	-13	-27.33	-61.5	-50.56	2.13	12.36	H
	7487	-51.72	-13	-38.72	-77.14	-59.62	2.12	10.02	H
									H
									H
	3742	-49.45	-13	-36.45	-66.64	-59.71	2.00	12.25	V
	5611	-45.80	-13	-32.80	-67.16	-56.03	2.13	12.36	V
	7487	-52.52	-13	-39.52	-77.08	-60.42	2.12	10.02	V
									V
									V





Highest	3784	-55.17	-13	-42.17	-72.77	-65.38	2.02	12.23	H
	5674	-42.57	-13	-29.57	-63.77	-52.90	2.11	12.44	H
	7564	-51.55	-13	-38.55	-76.94	-59.67	2.11	10.23	H
									H
									H
									H
									H
	3784	-54.34	-13	-41.34	-71.48	-64.55	2.02	12.23	V
	5674	-44.34	-13	-31.34	-65.7	-54.67	2.11	12.44	V
	7564	-52.34	-13	-39.34	-77.15	-60.46	2.11	10.23	V
									V
									V
									V
									V

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



**Part 27L LTE Band 4**

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-49.49	-13	-36.49	-66.33	-59.85	1.80	12.16	H
	5135	-41.05	-13	-28.05	-61.67	-50.87	2.30	12.13	H
	6844	-53.99	-13	-40.99	-77.32	-62.68	2.37	11.06	H
									H
									H
									H
									H
	3420	-52.11	-13	-39.11	-68.48	-62.47	1.80	12.16	V
	5135	-40.80	-13	-27.80	-61.36	-50.62	2.30	12.13	V
	6844	-54.87	-13	-41.87	-77.52	-63.56	2.37	11.06	V
									V
									V
									V
									V
Middle	3448	-53.39	-13	-40.39	-70.4	-63.81	1.83	12.24	H
	5170	-39.60	-13	-26.60	-60.24	-49.44	2.29	12.13	H
	6894	-53.75	-13	-40.75	-77.37	-62.37	2.38	11.01	H
									H
									H
									H
									H
	3448	-54.90	-13	-41.90	-71.44	-65.32	1.83	12.24	V
	5170	-44.06	-13	-31.06	-64.62	-53.90	2.29	12.13	V
	6894	-54.78	-13	-41.78	-77.58	-63.40	2.38	11.01	V
									V
									V
									V
									V



Highest	3476	-53.19	-13	-40.19	-70.55	-63.67	1.85	12.33	H
	5212	-46.06	-13	-33.06	-66.72	-55.93	2.27	12.14	H
	6941	-53.45	-13	-40.45	-77.36	-62.01	2.40	10.96	H
									H
									H
									H
									H
	3476	-56.38	-13	-43.38	-73.28	-66.86	1.85	12.33	V
	5212	-44.98	-13	-31.98	-65.53	-54.85	2.27	12.14	V
	6941	-54.43	-13	-41.43	-77.38	-62.99	2.40	10.96	V
									V
									V
									V
									V

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



**Part 22H LTE Band 5**

LTE Band 5 / 10MHz / 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	1648	-54.55	-13	-41.55	-67.07	-59.94	1.23	8.76	H
	2472	-49.11	-13	-36.11	-64.44	-56.00	1.44	10.48	H
	4120	-56.59	-13	-43.59	-74.7	-64.45	2.09	12.10	H
									H
									H
									H
									H
	1648	-58.92	-13	-45.92	-69.15	-64.31	1.23	8.76	V
	2472	-51.97	-13	-38.97	-66.69	-58.86	1.44	10.48	V
	4120	-57.30	-13	-44.30	-75.2	-65.16	2.09	12.10	V
									V
									V
									V
									V
Middle	1664	-54.74	-13	-41.74	-67.5	-60.18	1.23	8.82	H
	2496	-46.01	-13	-33.01	-61.22	-52.92	1.44	10.50	H
	3328	-56.90	-13	-43.90	-73.84	-64.91	1.73	11.88	H
									H
									H
									H
									H
	1664	-61.85	-13	-48.85	-72.19	-67.29	1.23	8.82	V
	2496	-55.92	-13	-42.92	-70.62	-62.83	1.44	10.50	V
	3328	-58.10	-13	-45.10	-74.58	-66.11	1.73	11.88	V
									V
									V
									V
									V



Highest	1680	-54.25	-13	-41.25	-67.24	-59.75	1.24	8.88	H
	2520	-50.61	-13	-37.61	-65.7	-57.54	1.44	10.52	H
	3360	-59.15	-13	-46.15	-76.02	-67.22	1.76	11.98	H
	4200	-54.23	-13	-41.23	-72.29	-62.11	2.07	12.10	H
									H
									H
									H
	1680	-57.56	-13	-44.56	-68.01	-63.06	1.24	8.88	V
	2520	-48.70	-13	-35.70	-63.39	-55.63	1.44	10.52	V
	3360	-58.67	-13	-45.67	-75.08	-66.74	1.76	11.98	V
	4200	-59.35	-13	-46.35	-77.31	-67.23	2.07	12.10	V
									V
									V
									V

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



**Part 27H LTE Band 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency ( MHz )	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	1400	-49.37	-13.00	-36.37	-60.59	-53.81	1.15	7.74	H
	2096	-48.73	-13.00	-35.73	-63.77	-55.38	1.38	10.18	H
	3496	-51.75	-13.00	-38.75	-69.28	-60.12	1.87	12.39	H
									H
									H
									H
									H
	1400	-49.27	-13.00	-36.27	-59.71	-53.71	1.15	7.74	V
	2096	-51.58	-13.00	-38.58	-65.88	-58.23	1.38	10.18	V
	3496	-53.26	-13.00	-40.26	-70.33	-61.63	1.87	12.39	V
									V
									V
									V
									V
Middle	1408	-52.05	-13.00	-39.05	-63.28	-56.53	1.15	7.78	H
	2112	-54.10	-13.00	-41.10	-69.45	-60.76	1.38	10.19	H
	3515	-58.69	-13.00	-45.69	-76.31	-67.05	1.88	12.39	H
									H
									H
									H
									H
	1408	-50.43	-13.00	-37.43	-60.87	-54.91	1.15	7.78	V
	2112	-52.41	-13.00	-39.41	-67.03	-59.07	1.38	10.19	V
	3515	-57.97	-13.00	-44.97	-75.09	-66.33	1.88	12.39	V
									V
									V
									V
									V





Highest	1416	-47.64	-13.00	-34.64	-58.87	-52.15	1.15	7.81	H
	2120	-50.13	-13.00	-37.13	-65.48	-56.80	1.38	10.20	H
	3536	-57.76	-13.00	-44.76	-75.47	-66.10	1.89	12.38	H
									H
									H
									H
									H
	1416	-50.68	-13.00	-37.68	-61.12	-55.19	1.15	7.81	V
	2120	-52.82	-13.00	-39.82	-67.44	-59.49	1.38	10.20	V
	3536	-56.71	-13.00	-43.71	-73.87	-65.05	1.89	12.38	V
									V
									V
									V
									V

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