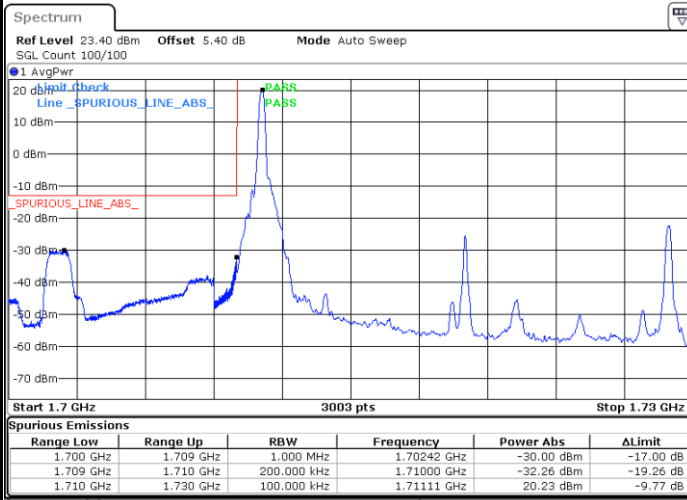




LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



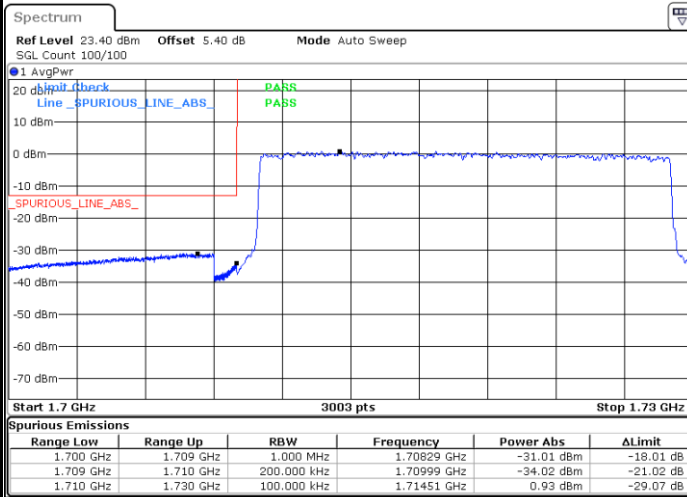
Date: 5 MAY 2020 14:55:08

Highest Band Edge / 1 RB



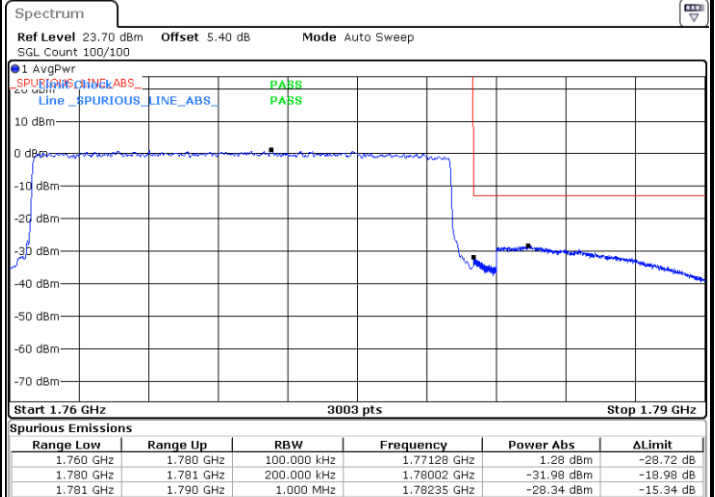
Date: 5 MAY 2020 15:17:30

Lowest Band Edge / Full RB



Date: 5 MAY 2020 14:57:21

Highest Band Edge / Full RB

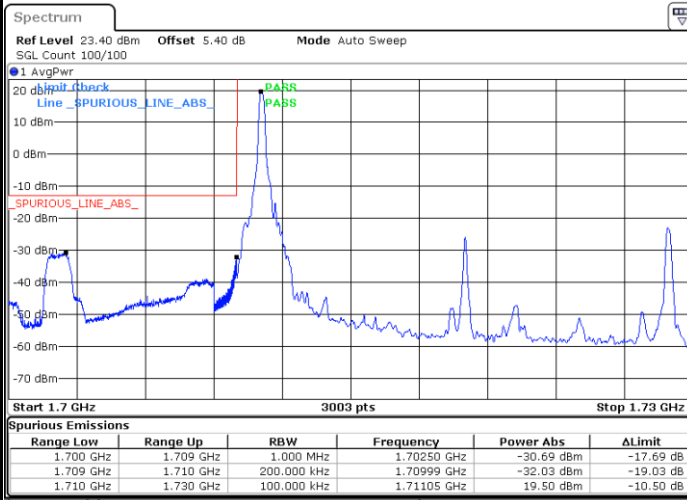


Date: 5 MAY 2020 15:09:58



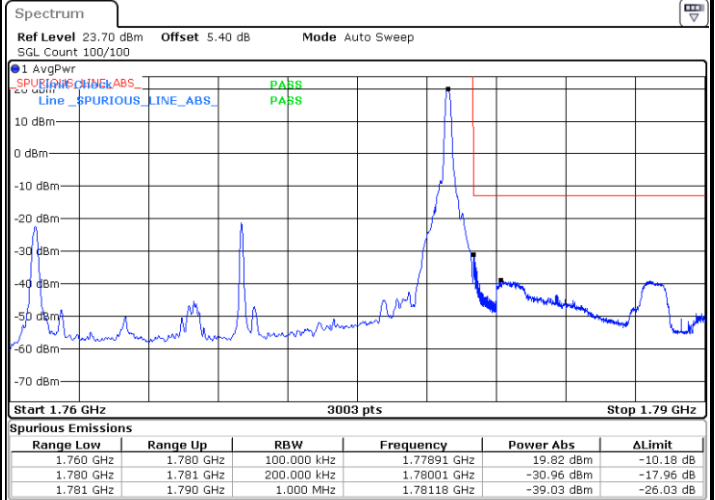
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



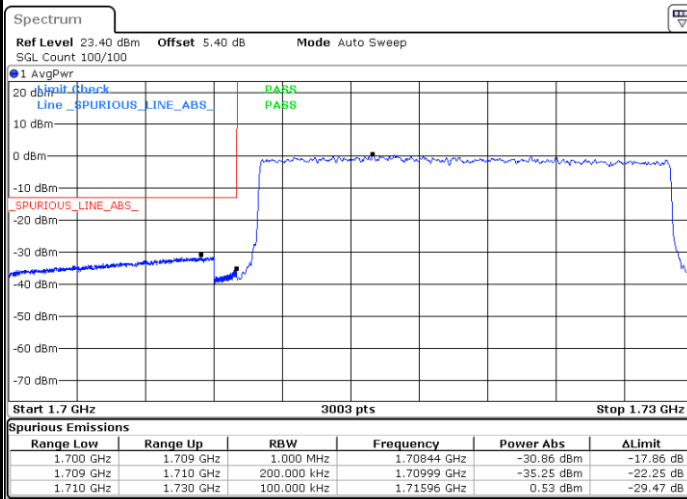
Date: 5 MAY 2020 14:53:43

Highest Band Edge / 1 RB



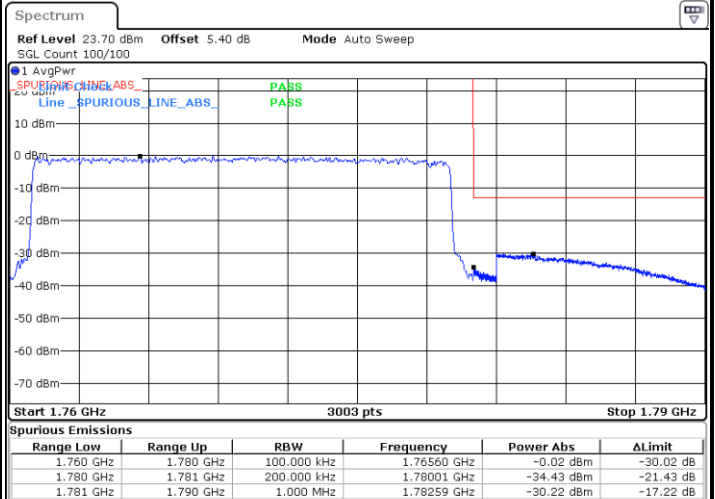
Date: 5 MAY 2020 15:16:12

Lowest Band Edge / Full RB



Date: 5 MAY 2020 14:58:09

Highest Band Edge / Full RB

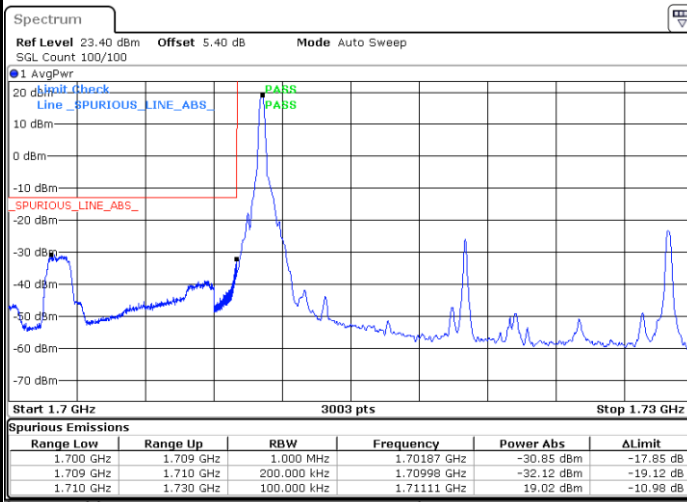


Date: 5 MAY 2020 15:08:39



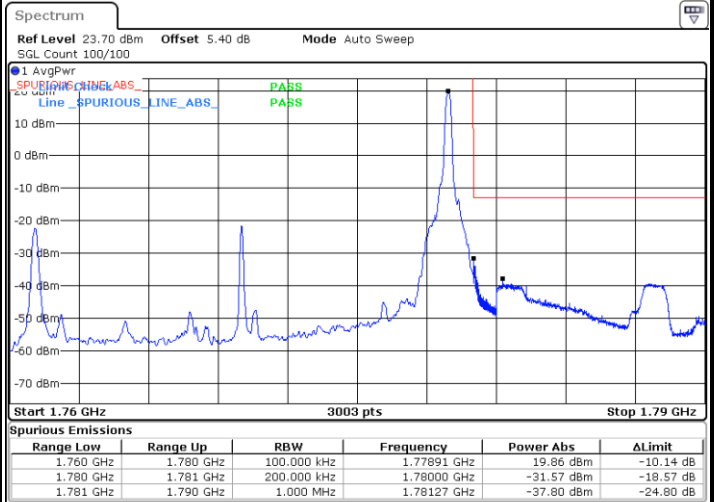
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



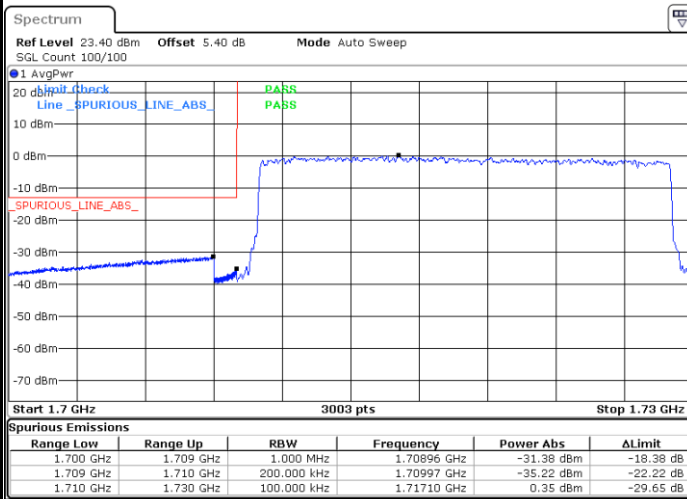
Date: 5 MAY 2020 14:53:02

Highest Band Edge / 1 RB



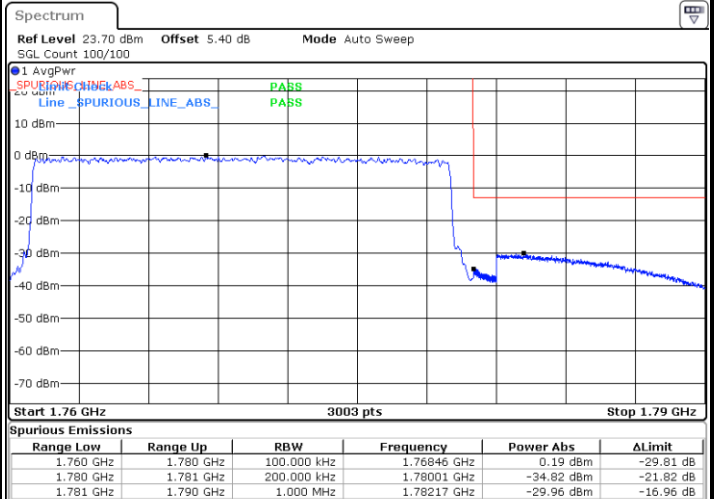
Date: 5 MAY 2020 15:15:51

Lowest Band Edge / Full RB



Date: 5 MAY 2020 14:59:12

Highest Band Edge / Full RB



Date: 5 MAY 2020 15:05:45



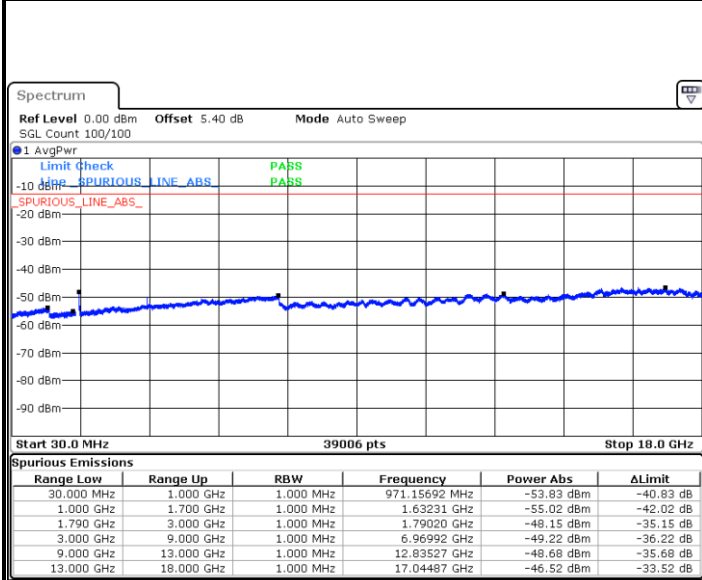
Conducted Spurious Emission





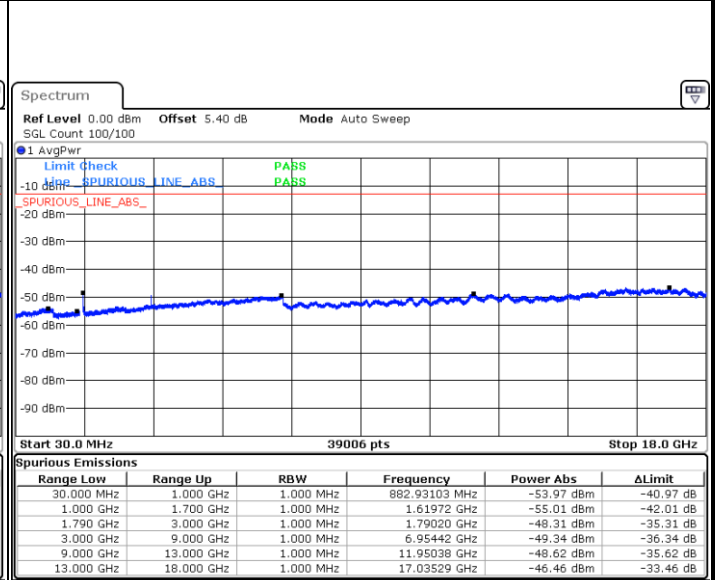
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 5 MAY.2020 11:42:25

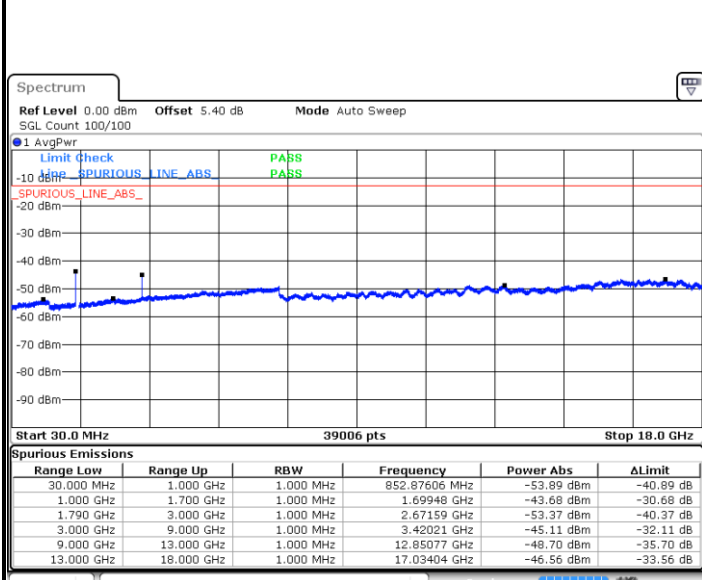
Highest Channel / 16QAM



Date: 5 MAY.2020 11:40:34

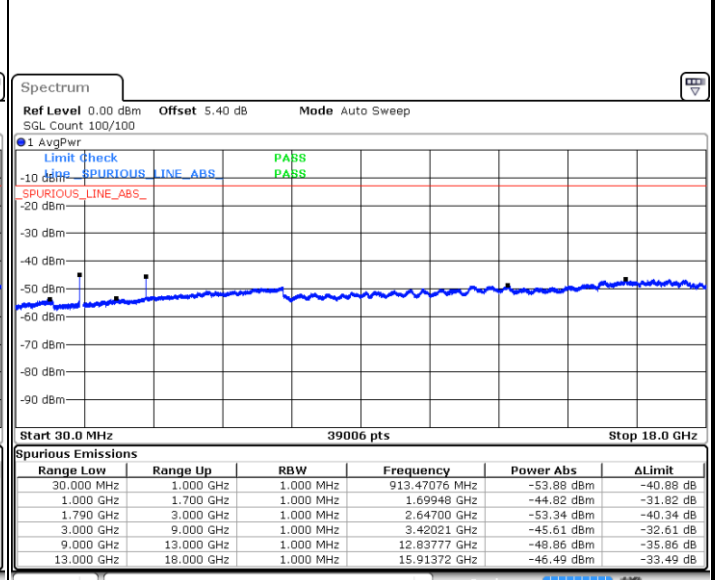
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 5 MAY.2020 11:56:34

Lowest Channel / 16QAM



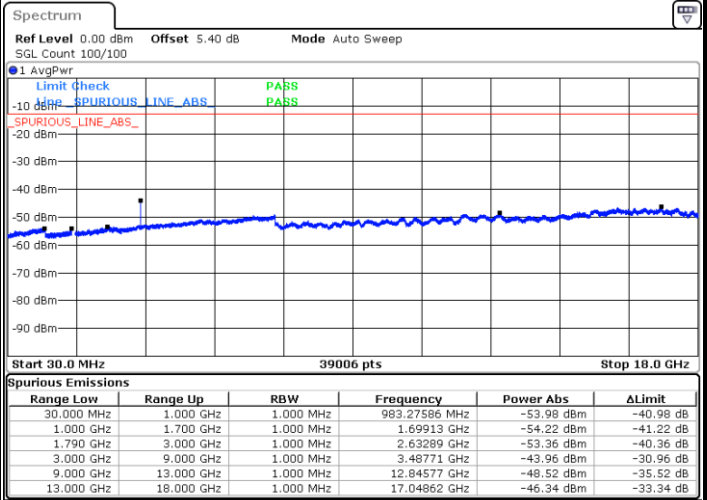
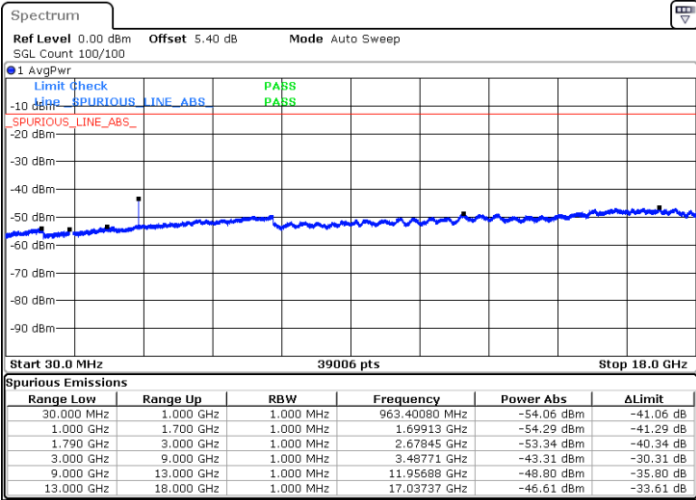
Date: 5 MAY.2020 11:59:40



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

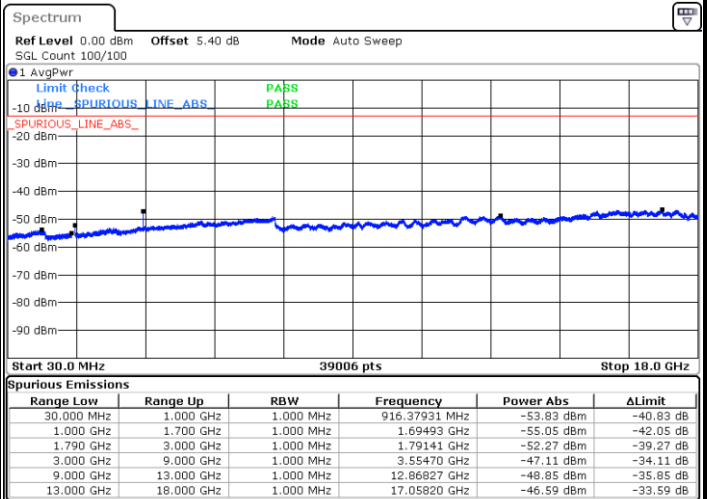
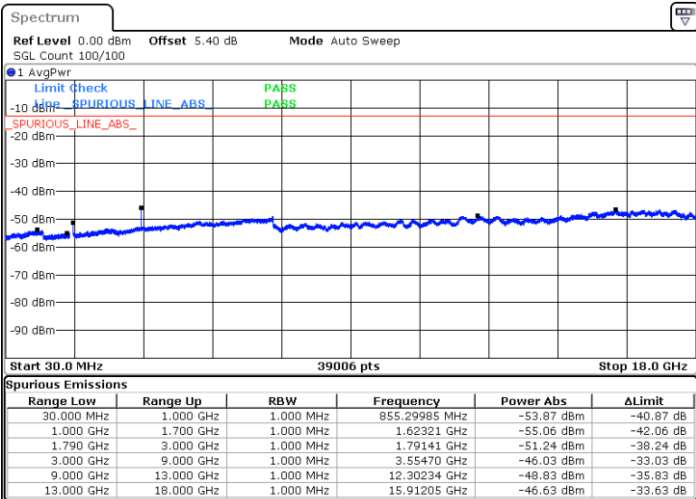


Date: 5 MAY.2020 11:55:05

Date: 5 MAY.2020 11:53:46

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5 MAY.2020 12:14:16

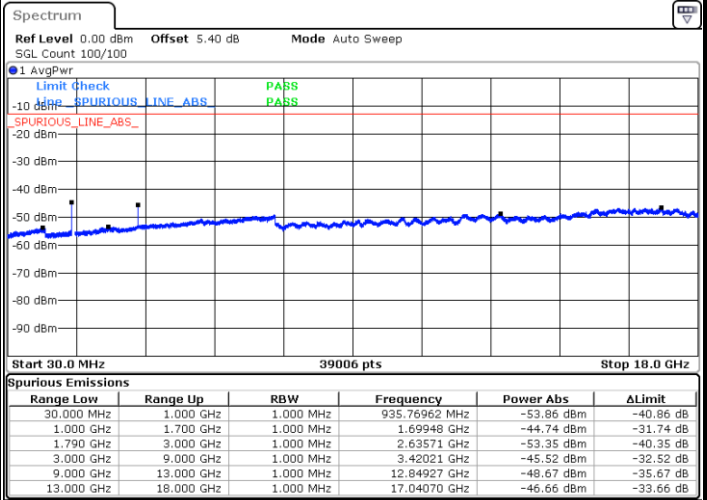
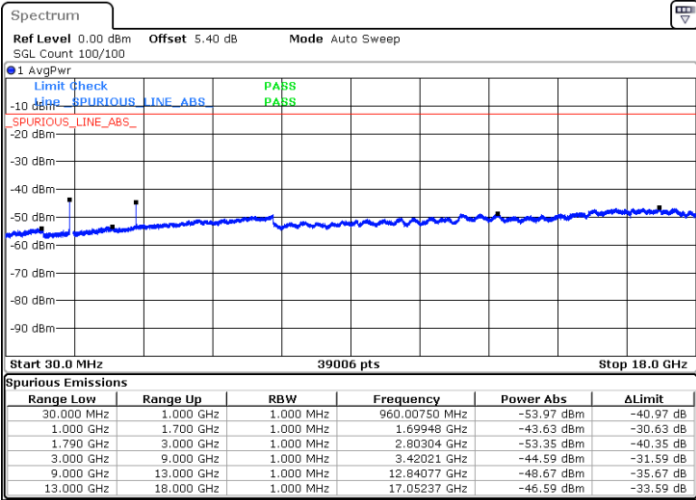
Date: 5 MAY.2020 12:13:26



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

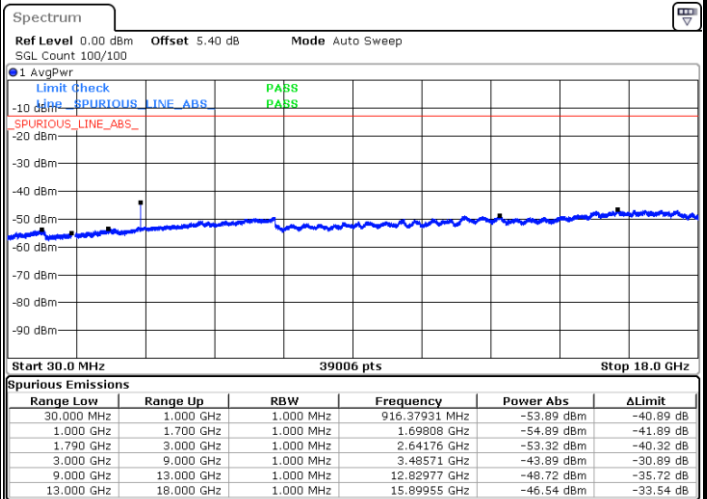
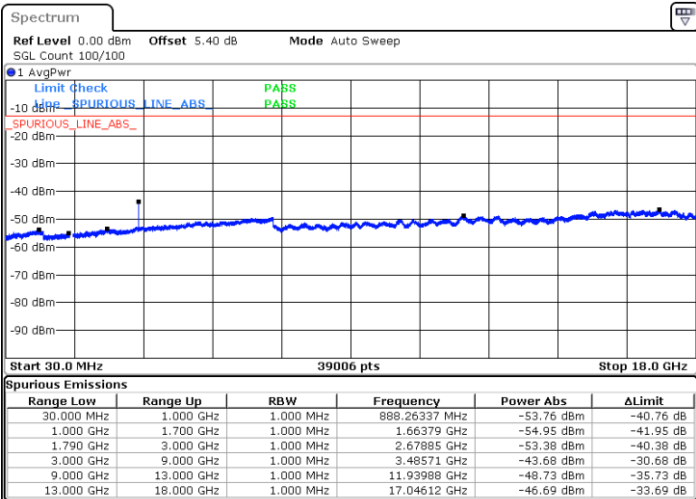


Date: 5 MAY.2020 12:37:33

Date: 5 MAY.2020 12:38:58

Middle Channel / QPSK

Middle Channel / 16QAM



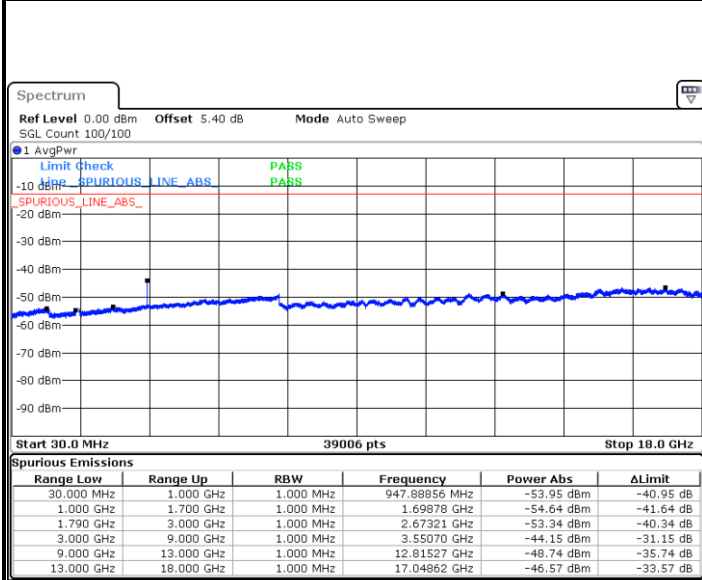
Date: 5 MAY.2020 12:23:56

Date: 5 MAY.2020 12:25:08



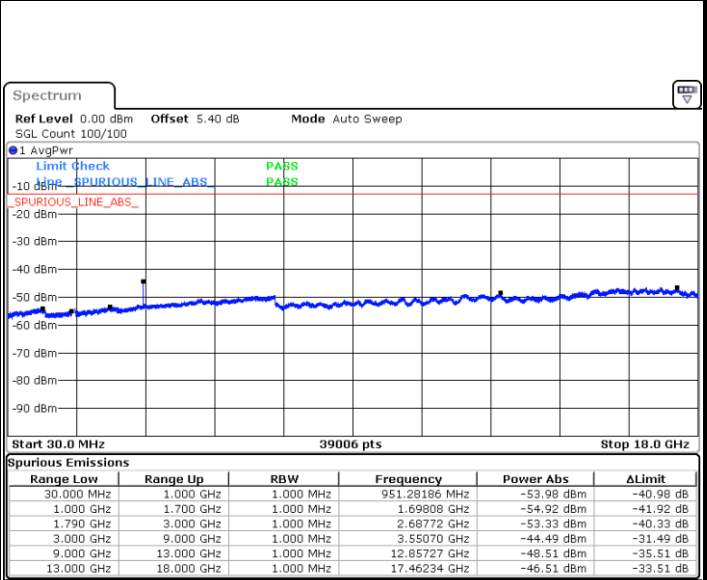
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 5 MAY 2020 12:57:35

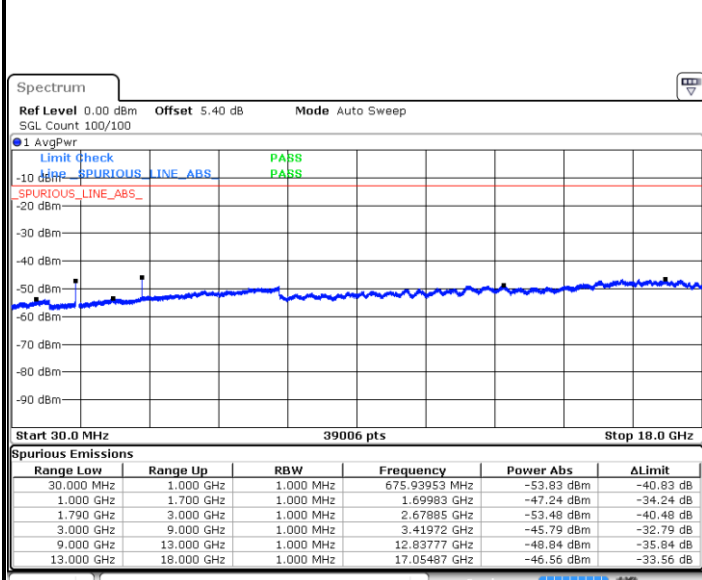
Highest Channel / 16QAM



Date: 5 MAY 2020 12:56:21

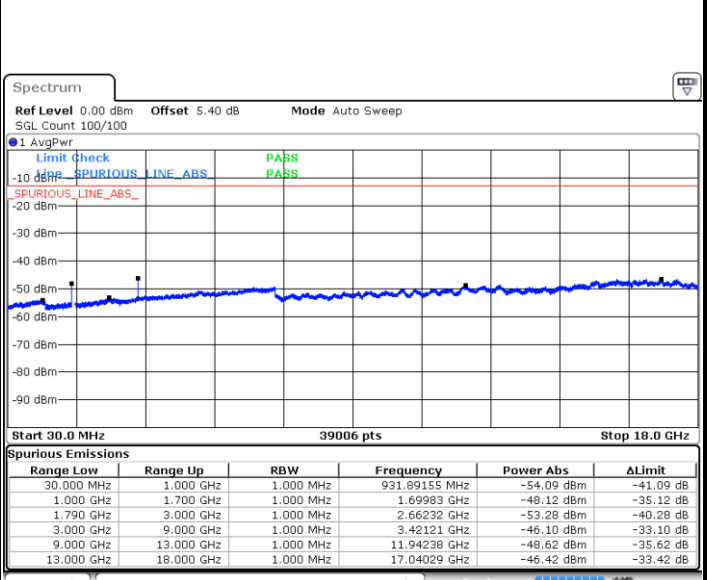
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 5 MAY 2020 13:51:21

Lowest Channel / 16QAM



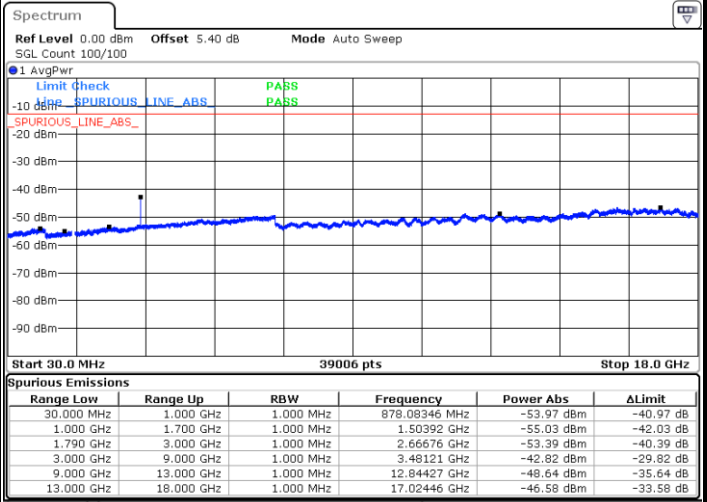
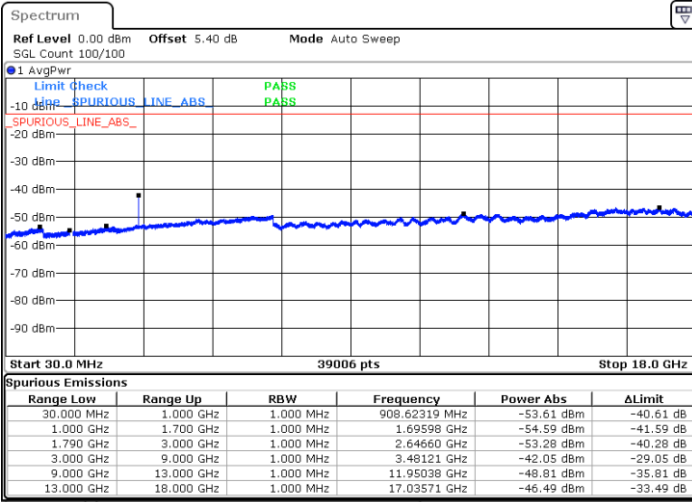
Date: 5 MAY 2020 13:49:45



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

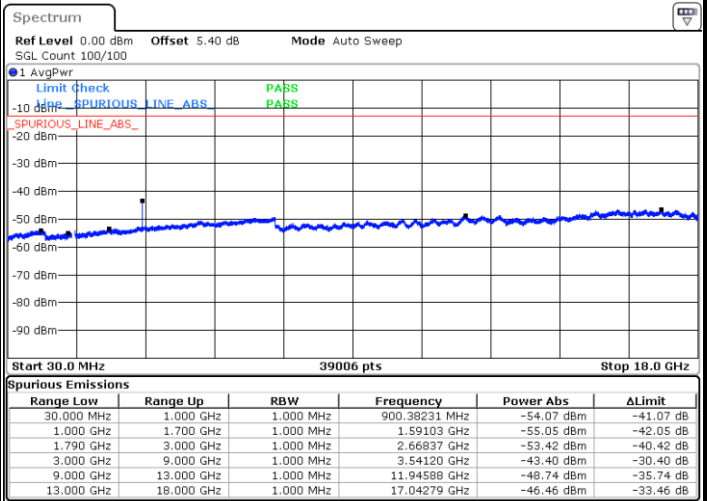
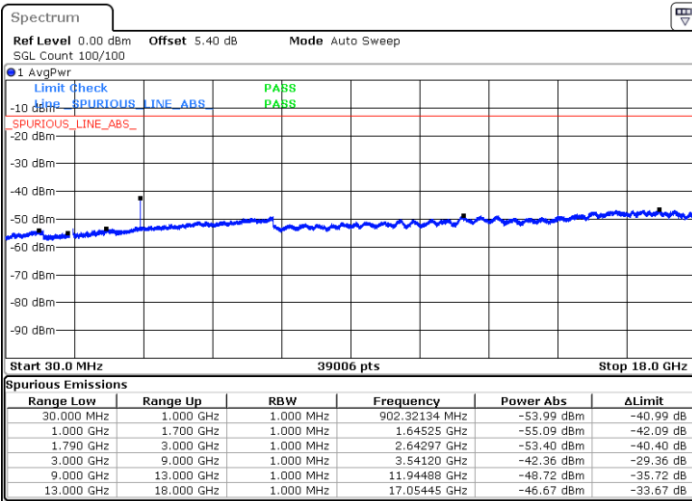


Date: 5 MAY.2020 13:03:28

Date: 5 MAY.2020 13:04:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5 MAY.2020 13:59:25

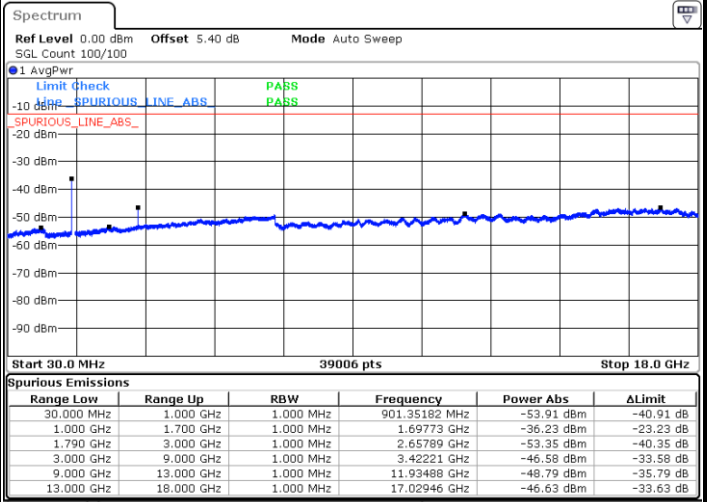
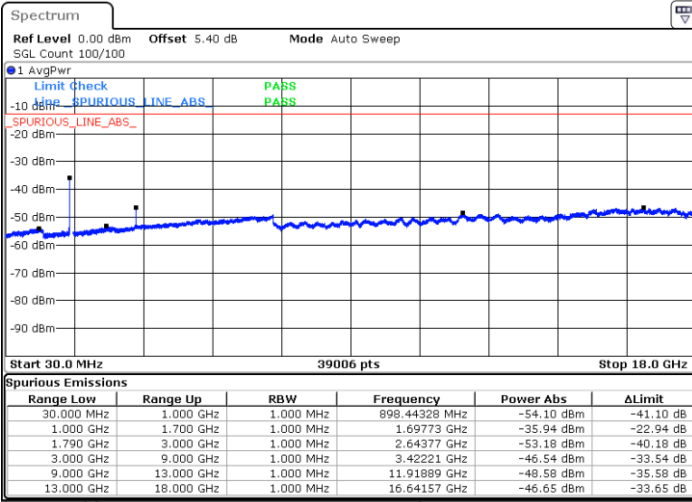
Date: 5 MAY.2020 14:00:16



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

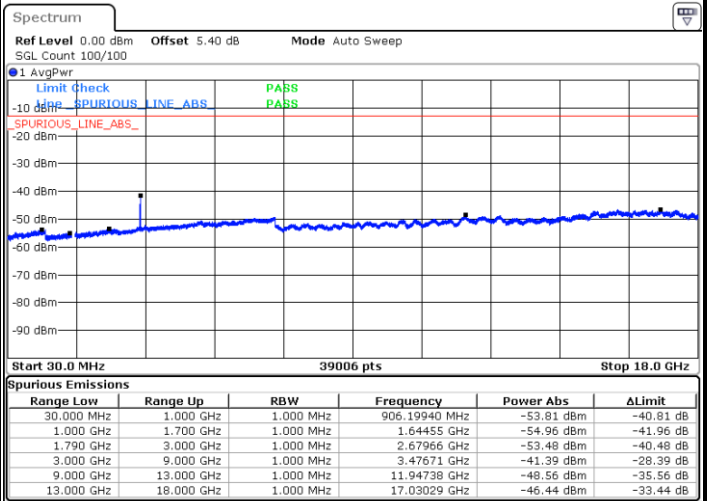
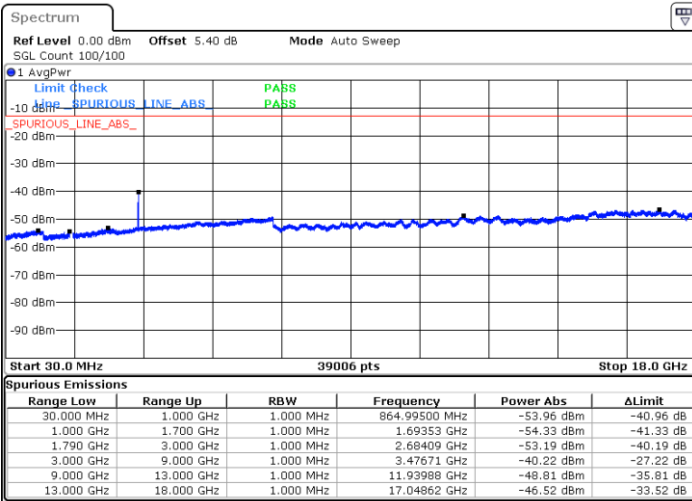


Date: 5 MAY.2020 14:25:43

Date: 5 MAY.2020 14:27:34

Middle Channel / QPSK

Middle Channel / 16QAM



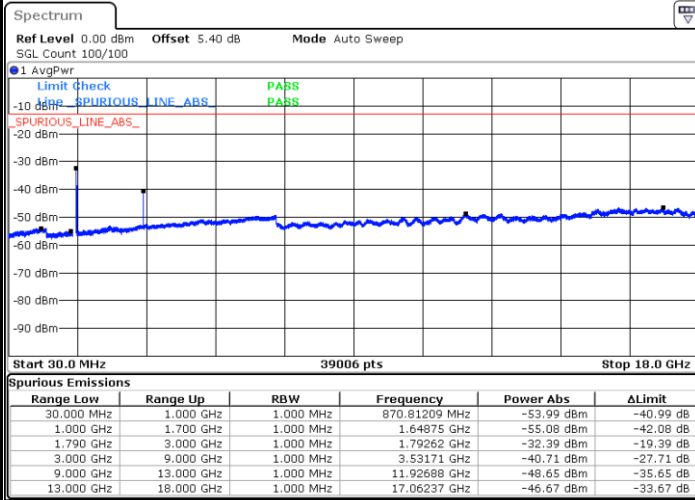
Date: 5 MAY.2020 14:24:07

Date: 5 MAY.2020 14:23:25



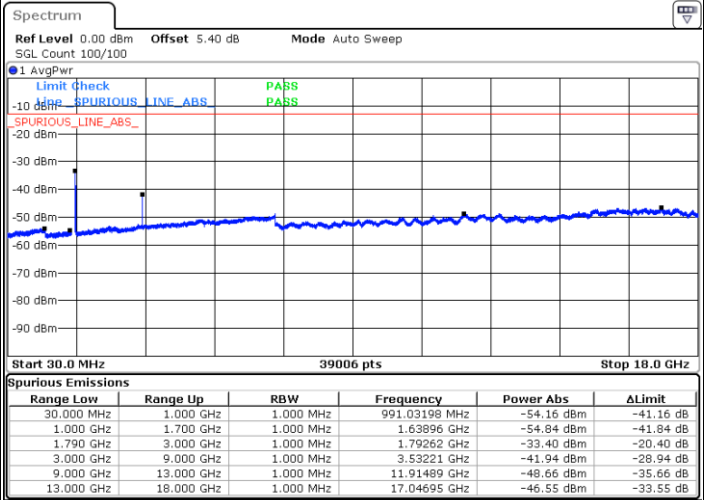
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 5 MAY 2020 14:37:50

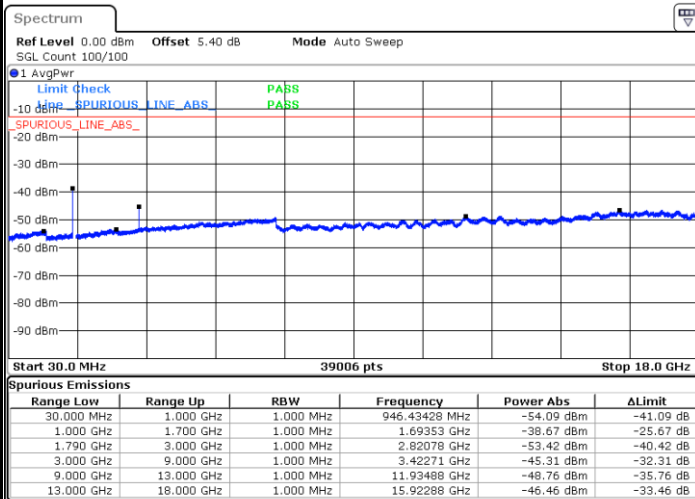
Highest Channel / 16QAM



Date: 5 MAY 2020 14:36:58

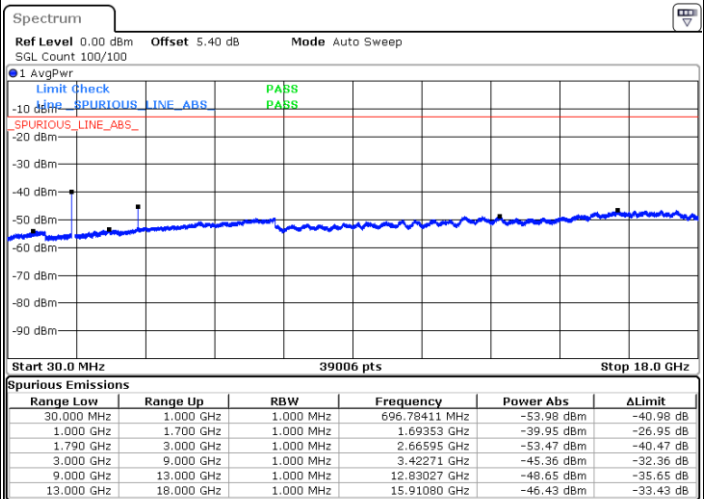
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 5 MAY 2020 14:55:53

Lowest Channel / 16QAM



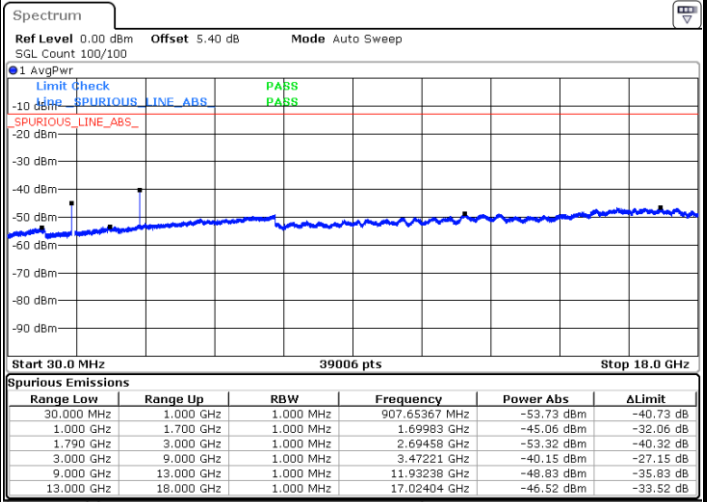
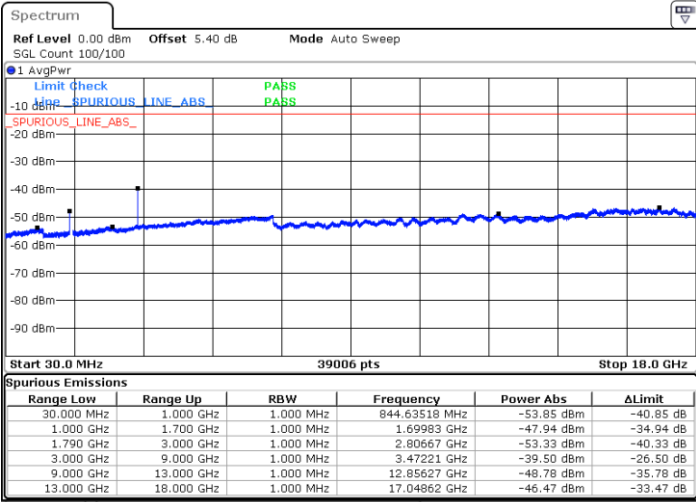
Date: 5 MAY 2020 14:54:37



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

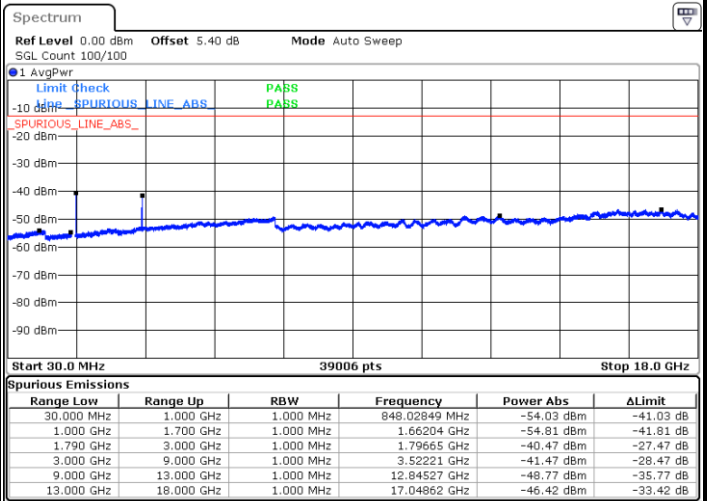
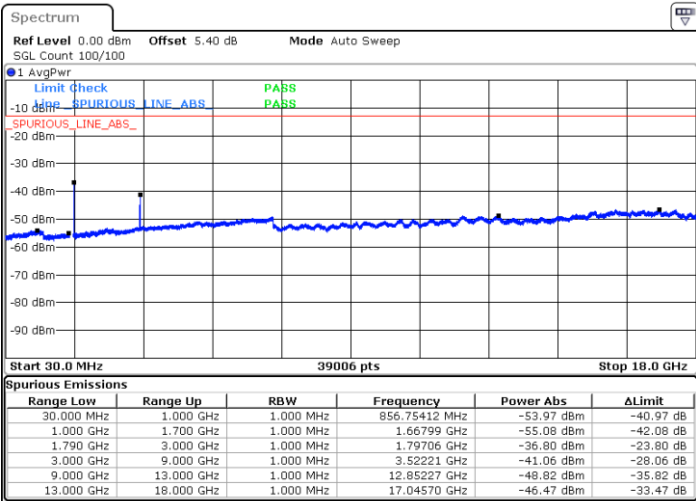


Date: 5 MAY.2020 14:48:26

Date: 5 MAY.2020 14:49:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5 MAY.2020 15:11:21

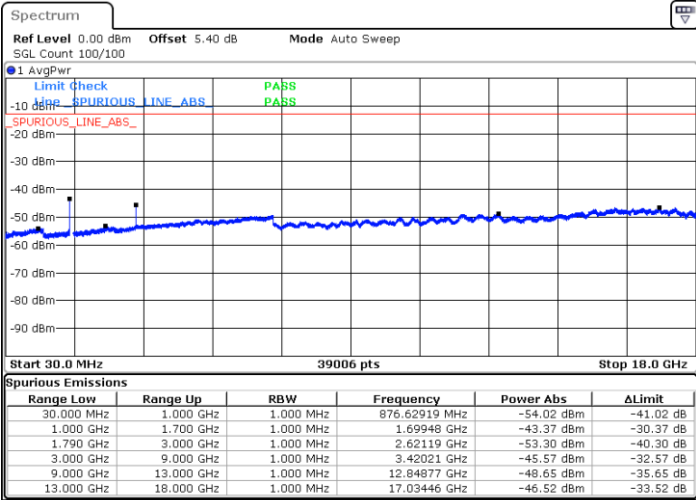
Date: 5 MAY.2020 15:12:33



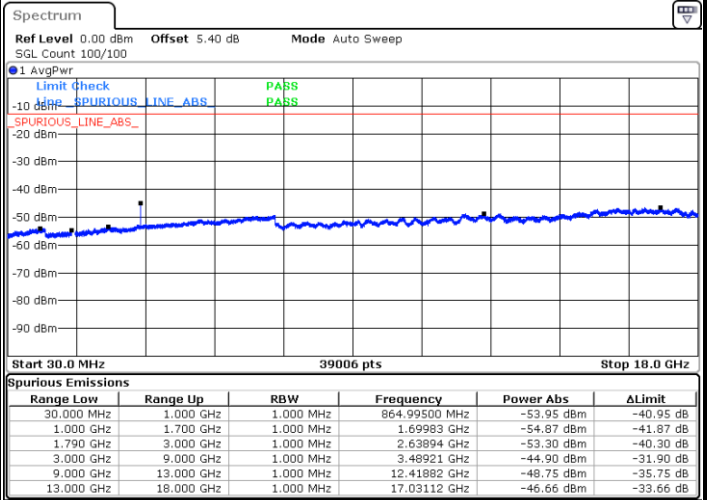
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

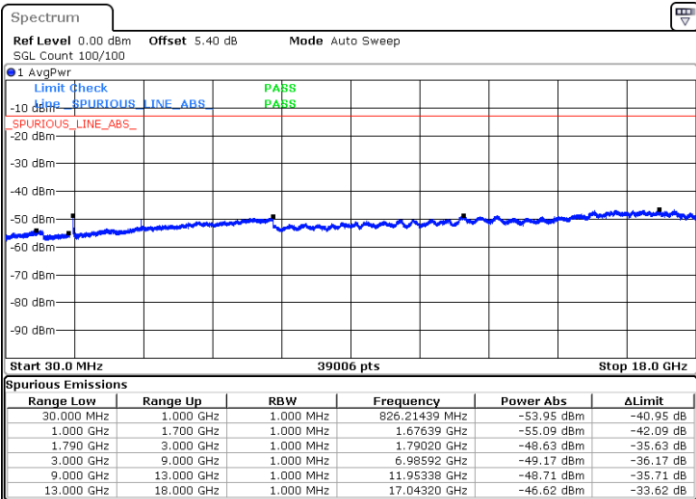


Date: 5 MAY.2020 11:12:40



Date: 5 MAY.2020 11:46:27

Highest Channel / 64QAM

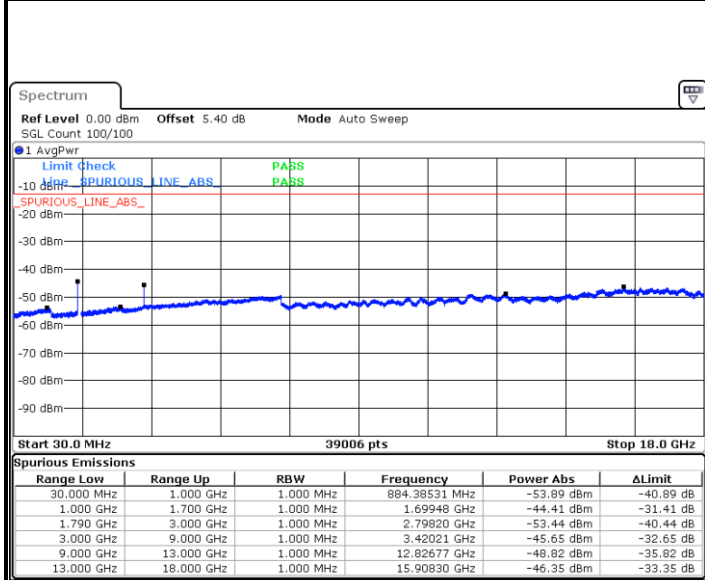


Date: 5 MAY.2020 11:39:07



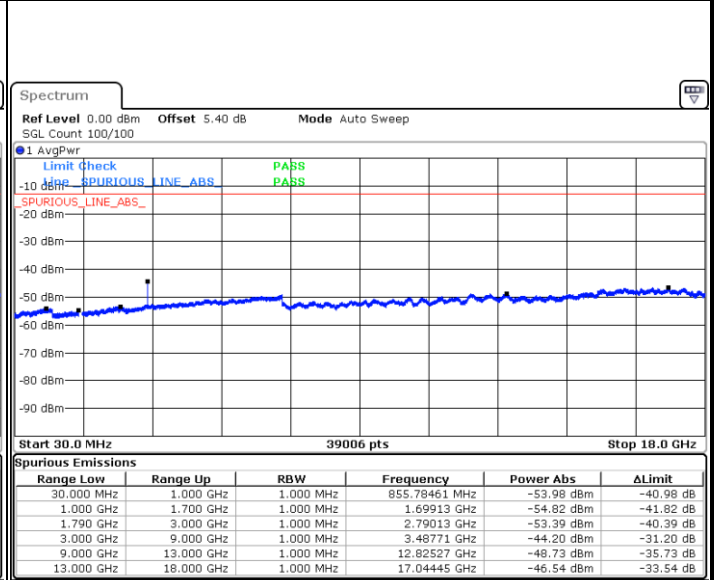
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



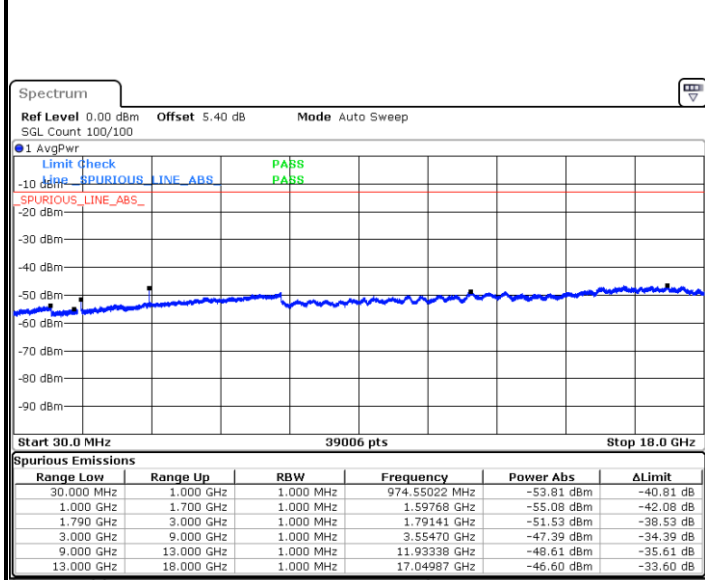
Date: 5 MAY.2020 12:01:30

Middle Channel / 64QAM



Date: 5 MAY.2020 11:52:58

Highest Channel / 64QAM



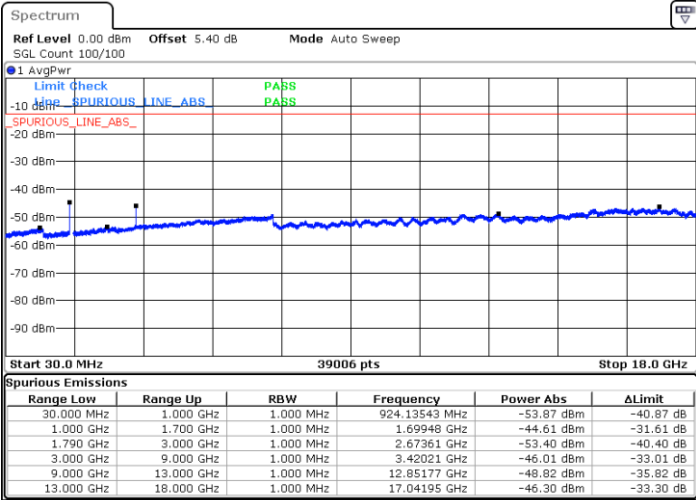
Date: 5 MAY.2020 12:12:19



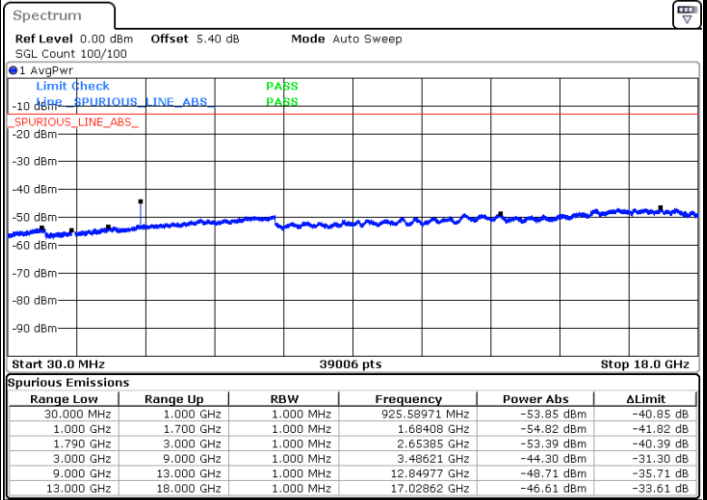
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

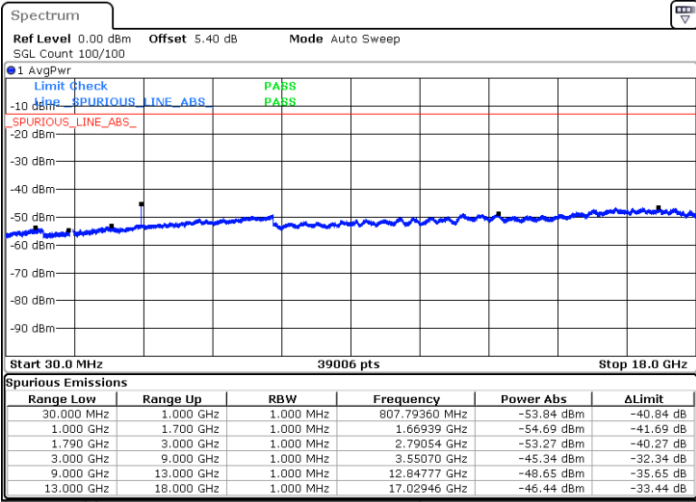


Date: 5 MAY.2020 12:44:22



Date: 5 MAY.2020 12:26:40

Highest Channel / 64QAM



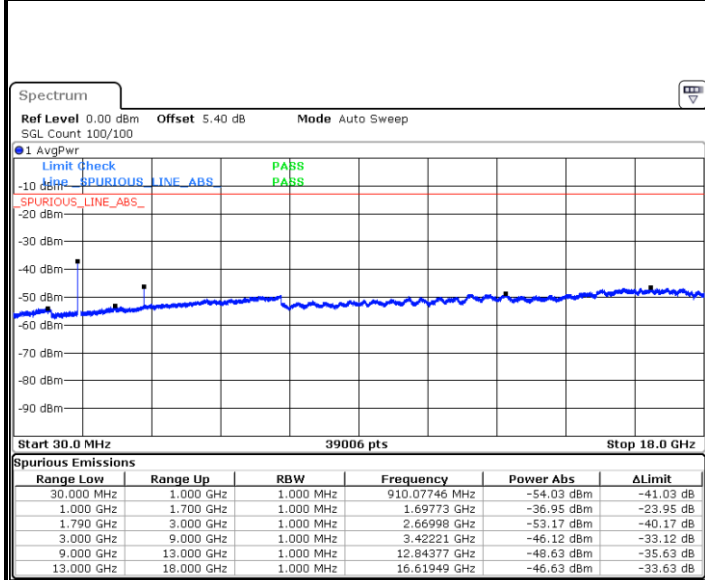
Date: 5 MAY.2020 12:54:59





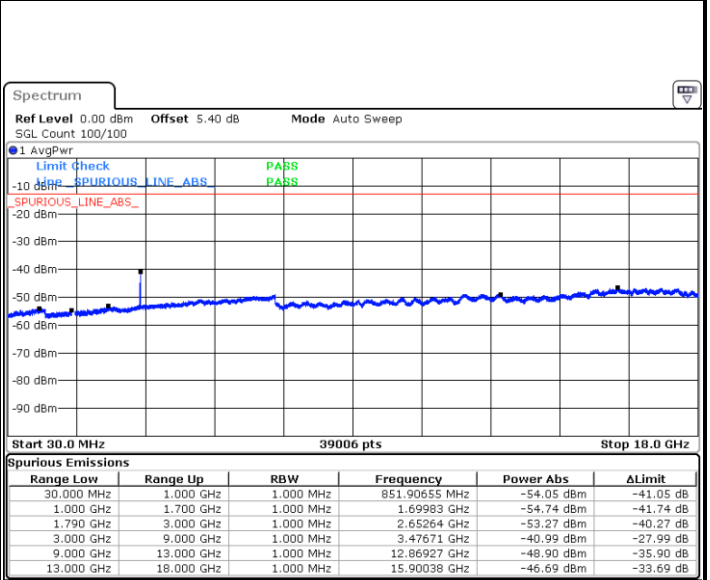
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



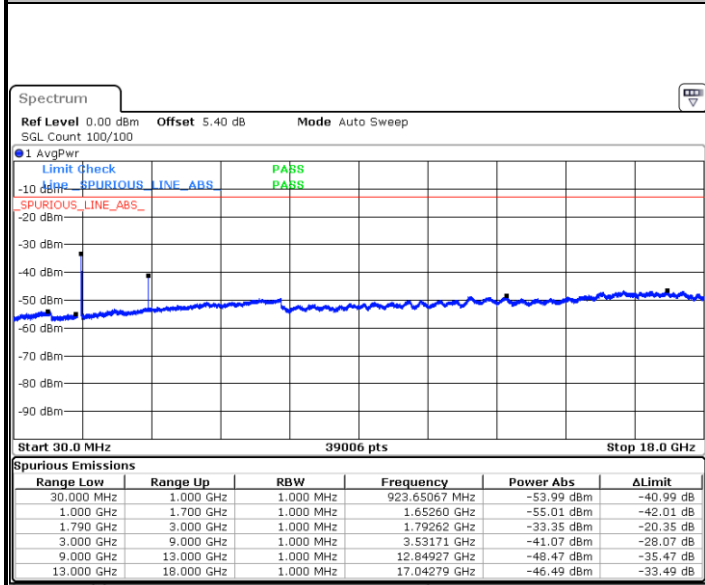
Date: 5 MAY.2020 14:29:33

Middle Channel / 64QAM



Date: 5 MAY.2020 14:13:51

Highest Channel / 64QAM

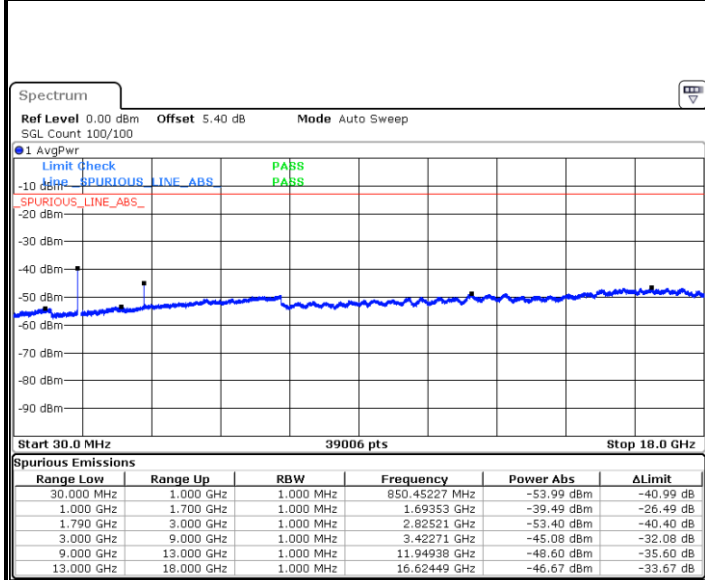


Date: 5 MAY.2020 14:36:05



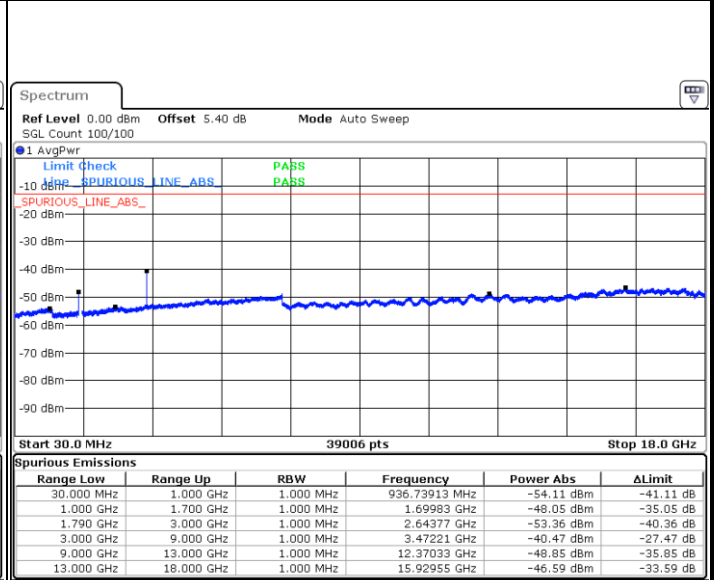
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



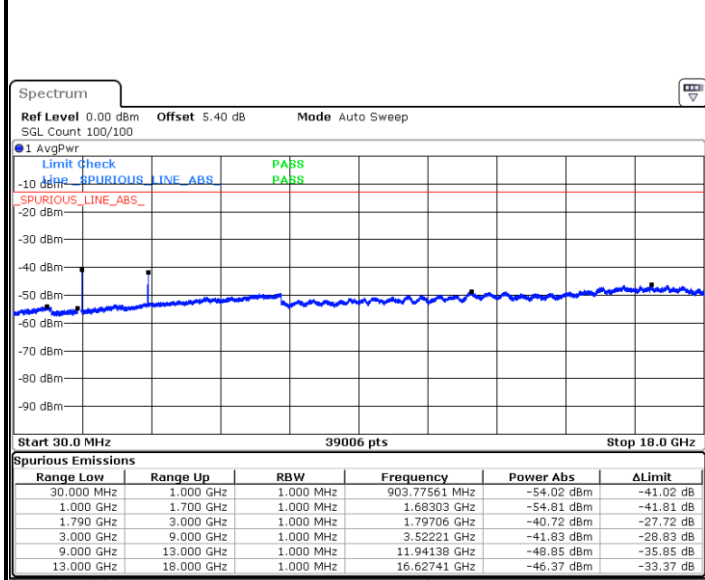
Date: 5 MAY.2020 14:52:46

Middle Channel / 64QAM



Date: 5 MAY.2020 14:50:26

Highest Channel / 64QAM



Date: 5 MAY.2020 15:14:19



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0033	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0040	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 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

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.08	0.2032	23.58	0.2280
Middle		1	0	23.16	0.2070	23.66	0.2323
Highest		1	0	23.18	0.2080	23.68	0.2333
Lowest	16QAM	1	0	22.45	0.1758	22.95	0.1972
Middle		1	0	22.51	0.1782	23.01	0.2000
Highest		1	0	22.60	0.1820	23.10	0.2042
Lowest	64QAM	3	1	21.24	0.1330	21.74	0.1493
Middle		3	1	21.37	0.1371	21.87	0.1538
Highest		3	1	21.40	0.1380	21.90	0.1549
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.09	0.2037	23.59	0.2286
Middle		1	0	23.16	0.2070	23.66	0.2323
Highest		1	0	23.20	0.2089	23.70	0.2344
Lowest	16QAM	1	0	22.45	0.1758	22.95	0.1972
Middle		1	0	22.54	0.1795	23.04	0.2014
Highest		1	0	22.67	0.1849	23.17	0.2075
Lowest	64QAM	1	14	21.18	0.1312	21.68	0.1472
Middle		1	14	21.30	0.1349	21.80	0.1514
Highest		1	14	21.34	0.1361	21.84	0.1528
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.10	0.2042	23.60	0.2291
Middle		1	0	23.17	0.2075	23.67	0.2328
Highest		1	0	23.16	0.2070	23.66	0.2323
Lowest	16QAM	1	0	22.47	0.1766	22.97	0.1982
Middle		1	0	22.53	0.1791	23.03	0.2009
Highest		1	0	22.66	0.1845	23.16	0.2070
Lowest	64QAM	1	12	21.12	0.1294	21.62	0.1452
Middle		1	12	21.31	0.1352	21.81	0.1517
Highest		1	12	21.35	0.1365	21.85	0.1531
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.11	0.2046	23.61	0.2296
Middle		1	0	23.23	0.2104	23.73	0.2360
Highest		1	0	23.23	0.2104	23.73	0.2360
Lowest	16QAM	1	0	22.53	0.1791	23.03	0.2009
Middle		1	0	22.57	0.1807	23.07	0.2028
Highest		1	0	22.69	0.1858	23.19	0.2084
Lowest	64QAM	1	49	21.41	0.1384	21.91	0.1552
Middle		1	49	21.56	0.1432	22.06	0.1607
Highest		1	49	21.58	0.1439	22.08	0.1614
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.12	0.2051	23.62	0.2301
Middle		1	0	23.22	0.2099	23.72	0.2355
Highest		1	0	23.22	0.2099	23.72	0.2355
Lowest	16QAM	1	74	22.49	0.1774	22.99	0.1991
Middle		1	74	22.70	0.1862	23.20	0.2089
Highest		1	74	22.63	0.1832	23.13	0.2056
Lowest	64QAM	1	74	21.45	0.1396	21.95	0.1567
Middle		1	74	21.70	0.1479	22.20	0.1660
Highest		1	74	21.70	0.1479	22.20	0.1660
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.15	0.2065	23.65	0.2317
Middle		1	0	23.27	0.2123	23.77	0.2382
Highest		1	0	23.29	0.2133	23.79	0.2393
Lowest	16QAM	1	99	22.24	0.1675	22.74	0.1879
Middle		1	99	22.43	0.1750	22.93	0.1963
Highest		1	99	22.43	0.1750	22.93	0.1963
Lowest	64QAM	1	99	21.21	0.1321	21.71	0.1483
Middle		1	99	21.46	0.1400	21.96	0.1570
Highest		1	99	21.54	0.1426	22.04	0.1600
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.52	0.1786	23.32	0.2148
Middle		1	3	22.51	0.1782	23.31	0.2143
Highest		1	3	22.61	0.1824	23.41	0.2193
Lowest	16QAM	1	0	22.32	0.1706	23.12	0.2051
Middle		1	0	22.30	0.1698	23.10	0.2042
Highest		1	0	22.30	0.1698	23.10	0.2042
Lowest	64QAM	1	3	21.25	0.1334	22.05	0.1603
Middle		1	3	21.31	0.1352	22.11	0.1626
Highest		1	3	21.13	0.1297	21.93	0.1560
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.48	0.1770	23.28	0.2128
Middle		1	8	22.46	0.1762	23.26	0.2118
Highest		1	8	22.61	0.1824	23.41	0.2193
Lowest	16QAM	1	0	22.32	0.1706	23.12	0.2051
Middle		1	0	22.33	0.1710	23.13	0.2056
Highest		1	0	22.31	0.1702	23.11	0.2046
Lowest	64QAM	1	8	21.17	0.1309	21.97	0.1574
Middle		1	8	21.32	0.1355	22.12	0.1629
Highest		1	8	21.19	0.1315	21.99	0.1581
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	12	22.57	0.1807	23.37	0.2173
Middle		1	12	22.55	0.1799	23.35	0.2163
Highest		1	12	22.65	0.1841	23.45	0.2213
Lowest	16QAM	1	0	22.40	0.1738	23.20	0.2089
Middle		1	0	22.40	0.1738	23.20	0.2089
Highest		1	0	22.35	0.1718	23.15	0.2065
Lowest	64QAM	1	12	21.14	0.1300	21.94	0.1563
Middle		1	12	21.29	0.1346	22.09	0.1618
Highest		1	12	21.29	0.1346	22.09	0.1618
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 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	25	22.53	0.1791	23.33	0.2153
Middle		1	25	22.58	0.1811	23.38	0.2178
Highest		1	25	22.57	0.1807	23.37	0.2173
Lowest	16QAM	1	49	22.20	0.1660	23.00	0.1995
Middle		1	49	22.19	0.1656	22.99	0.1991
Highest		1	49	22.19	0.1656	22.99	0.1991
Lowest	64QAM	1	49	21.65	0.1462	22.45	0.1758
Middle		1	49	21.63	0.1455	22.43	0.1750
Highest		1	49	21.65	0.1462	22.45	0.1758
Limit	EIRP < 1W		Result			PASS	

LTE Band 4 / 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	37	22.59	0.1816	23.39	0.2183
Middle		1	37	22.59	0.1816	23.39	0.2183
Highest		1	37	22.61	0.1824	23.41	0.2193
Lowest	16QAM	1	0	22.35	0.1718	23.15	0.2065
Middle		1	0	22.39	0.1734	23.19	0.2084
Highest		1	0	22.31	0.1702	23.11	0.2046
Lowest	64QAM	1	37	21.18	0.1312	21.98	0.1578
Middle		1	37	21.20	0.1318	22.00	0.1585
Highest		1	37	21.17	0.1309	21.97	0.1574
Limit	EIRP < 1W		Result			PASS	

LTE Band 4 / 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	49	22.63	0.1832	23.43	0.2203
Middle		1	49	22.65	0.1841	23.45	0.2213
Highest		1	49	22.67	0.1849	23.47	0.2223
Lowest	16QAM	1	49	22.22	0.1667	23.02	0.2004
Middle		1	49	22.22	0.1667	23.02	0.2004
Highest		1	49	22.59	0.1816	23.39	0.2183
Lowest	64QAM	1	49	21.22	0.1324	22.02	0.1592
Middle		1	49	21.21	0.1321	22.01	0.1589
Highest		1	49	21.23	0.1327	22.03	0.1596
Limit	EIRP < 1W		Result			PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	23.32	0.2148	18.47	0.0703
Middle		1	5	23.28	0.2128	18.43	0.0697
Highest		1	5	23.12	0.2051	18.27	0.0671
Lowest	16QAM	1	0	22.41	0.1742	17.56	0.0570
Middle		1	0	22.23	0.1671	17.38	0.0547
Highest		1	0	22.28	0.1690	17.43	0.0553
Lowest	64QAM	3	1	21.21	0.1321	16.36	0.0433
Middle		3	1	21.14	0.1300	16.29	0.0426
Highest		3	1	21.03	0.1268	16.18	0.0415
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	23.33	0.2153	18.48	0.0705
Middle		1	14	23.33	0.2153	18.48	0.0705
Highest		1	14	23.15	0.2065	18.30	0.0676
Lowest	16QAM	1	0	22.48	0.1770	17.63	0.0579
Middle		1	0	22.30	0.1698	17.45	0.0556
Highest		1	0	22.35	0.1718	17.50	0.0562
Lowest	64QAM	1	8	21.20	0.1318	16.35	0.0432
Middle		1	8	21.03	0.1268	16.18	0.0415
Highest		1	8	21.04	0.1271	16.19	0.0416
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.37	0.2173	18.52	0.0711
Middle		1	24	23.33	0.2153	18.48	0.0705
Highest		1	24	23.14	0.2061	18.29	0.0675
Lowest	16QAM	1	0	22.43	0.1750	17.58	0.0573
Middle		1	0	22.34	0.1714	17.49	0.0561
Highest		1	0	22.35	0.1718	17.50	0.0562
Lowest	64QAM	1	24	21.18	0.1312	16.33	0.0430
Middle		1	24	21.14	0.1300	16.29	0.0426
Highest		1	24	20.99	0.1256	16.14	0.0411
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	23.43	0.2203	18.58	0.0721
Middle		1	49	23.36	0.2168	18.51	0.0710
Highest		1	49	23.23	0.2104	18.38	0.0689
Lowest	16QAM	1	49	22.68	0.1854	17.83	0.0607
Middle		1	49	22.76	0.1888	17.91	0.0618
Highest		1	49	22.46	0.1762	17.61	0.0577
Lowest	64QAM	1	49	21.56	0.1432	16.71	0.0469
Middle		1	49	21.47	0.1403	16.62	0.0459
Highest		1	49	21.35	0.1365	16.50	0.0447
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 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	23.08	0.2032	23.38	0.2178
Middle		1	0	23.28	0.2128	23.58	0.2280
Highest		1	0	23.34	0.2158	23.64	0.2312
Lowest	16QAM	1	0	22.56	0.1803	22.86	0.1932
Middle		1	0	22.81	0.1910	23.11	0.2046
Highest		1	0	22.76	0.1888	23.06	0.2023
Lowest	64QAM	1	0	21.42	0.1387	21.72	0.1486
Middle		1	0	21.68	0.1472	21.98	0.1578
Highest		1	0	21.73	0.1489	22.03	0.1596
Limit	EIRP < 2W		Result		PASS		

LTE Band 7 / 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	49	23.09	0.2037	23.39	0.2183
Middle		1	49	23.26	0.2118	23.56	0.2270
Highest		1	49	23.36	0.2168	23.66	0.2323
Lowest	16QAM	1	0	22.70	0.1862	23.00	0.1995
Middle		1	0	22.92	0.1959	23.22	0.2099
Highest		1	0	22.90	0.1950	23.20	0.2089
Lowest	64QAM	1	0	21.62	0.1452	21.92	0.1556
Middle		1	0	21.87	0.1538	22.17	0.1648
Highest		1	0	21.71	0.1483	22.01	0.1589
Limit	EIRP < 2W		Result		PASS		

LTE Band 7 / 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	23.06	0.2023	23.36	0.2168
Middle		1	0	23.35	0.2163	23.65	0.2317
Highest		1	0	23.30	0.2138	23.60	0.2291
Lowest	16QAM	1	0	22.48	0.1770	22.78	0.1897
Middle		1	0	22.64	0.1837	22.94	0.1968
Highest		1	0	22.62	0.1828	22.92	0.1959
Lowest	64QAM	1	74	21.39	0.1377	21.69	0.1476
Middle		1	74	21.52	0.1419	21.82	0.1521
Highest		1	74	21.65	0.1462	21.95	0.1567
Limit	EIRP < 2W		Result		PASS		



LTE Band 7 / 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	23.15	0.2065	23.45	0.2213
Middle		1	0	23.37	0.2173	23.67	0.2328
Highest		1	0	23.39	0.2183	23.69	0.2339
Lowest	16QAM	1	0	22.49	0.1774	22.79	0.1901
Middle		1	0	22.65	0.1841	22.95	0.1972
Highest		1	0	22.64	0.1837	22.94	0.1968
Lowest	64QAM	1	99	21.49	0.1409	21.79	0.1510
Middle		1	99	21.56	0.1432	21.86	0.1535
Highest		1	99	21.67	0.1469	21.97	0.1574
Limit	EIRP < 2W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	23.00	0.1995	23.80	0.2399
Middle		1	5	23.08	0.2032	23.88	0.2443
Highest		1	5	22.87	0.1936	23.67	0.2328
Lowest	16QAM	1	0	22.21	0.1663	23.01	0.2000
Middle		1	0	22.40	0.1738	23.20	0.2089
Highest		1	0	22.20	0.1660	23.00	0.1995
Lowest	64QAM	3	1	21.14	0.1300	21.94	0.1563
Middle		3	1	21.36	0.1368	22.16	0.1644
Highest		3	1	21.09	0.1285	21.89	0.1545
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.03	0.2009	23.83	0.2415
Middle		1	14	23.06	0.2023	23.86	0.2432
Highest		1	14	22.83	0.1919	23.63	0.2307
Lowest	16QAM	1	0	22.27	0.1687	23.07	0.2028
Middle		1	0	22.42	0.1746	23.22	0.2099
Highest		1	0	22.22	0.1667	23.02	0.2004
Lowest	64QAM	1	8	21.16	0.1306	21.96	0.1570
Middle		1	8	21.36	0.1368	22.16	0.1644
Highest		1	8	21.00	0.1259	21.80	0.1514
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 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	24	23.09	0.2037	23.89	0.2449
Middle		1	24	23.11	0.2046	23.91	0.2460
Highest		1	24	22.93	0.1963	23.73	0.2360
Lowest	16QAM	1	0	22.28	0.1690	23.08	0.2032
Middle		1	0	22.47	0.1766	23.27	0.2123
Highest		1	0	22.30	0.1698	23.10	0.2042
Lowest	64QAM	1	12	21.20	0.1318	22.00	0.1585
Middle		1	12	21.35	0.1365	22.15	0.1641
Highest		1	12	21.10	0.1288	21.90	0.1549
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 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	49	23.07	0.2028	23.87	0.2438
Middle		1	49	23.11	0.2046	23.91	0.2460
Highest		1	49	22.90	0.1950	23.70	0.2344
Lowest	16QAM	1	49	22.67	0.1849	23.47	0.2223
Middle		1	49	22.71	0.1866	23.51	0.2244
Highest		1	49	22.48	0.1770	23.28	0.2128
Lowest	64QAM	1	49	21.61	0.1449	22.41	0.1742
Middle		1	49	21.68	0.1472	22.48	0.1770
Highest		1	49	21.43	0.1390	22.23	0.1671
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 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	74	23.09	0.2037	23.89	0.2449
Middle		1	74	23.14	0.2061	23.94	0.2477
Highest		1	74	22.92	0.1959	23.72	0.2355
Lowest	16QAM	1	0	22.52	0.1786	23.32	0.2148
Middle		1	0	22.60	0.1820	23.40	0.2188
Highest		1	0	22.45	0.1758	23.25	0.2113
Lowest	64QAM	1	74	21.42	0.1387	22.22	0.1667
Middle		1	74	21.42	0.1387	22.22	0.1667
Highest		1	74	21.18	0.1312	21.98	0.1578
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 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	99	23.15	0.2065	23.95	0.2483
Middle		1	99	23.17	0.2075	23.97	0.2495
Highest		1	99	22.99	0.1991	23.79	0.2393
Lowest	16QAM	1	99	22.60	0.1820	23.40	0.2188
Middle		1	99	22.61	0.1824	23.41	0.2193
Highest		1	99	22.26	0.1683	23.06	0.2023
Lowest	64QAM	1	99	21.63	0.1455	22.43	0.1750
Middle		1	99	21.69	0.1476	22.49	0.1774
Highest		1	99	21.35	0.1365	22.15	0.1641
Limit	EIRP < 1W		Result		PASS		



Appendix C. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-57.21	-13	-44.21	-69.47	2.64	14.90	H
	5613	-53.60	-13	-40.60	-65.46	2.94	14.80	H
	7488	-42.60	-13	-29.60	-52.37	3.39	13.16	H
	3741	-57.28	-13	-44.28	-69.54	2.64	14.90	V
	5613	-53.44	-13	-40.44	-65.30	2.94	14.80	V
	7488	-48.11	-13	-35.11	-57.88	3.39	13.16	V

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

LTE Band 4 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447	-55.49	-13	-42.49	-66.23	2.604	13.34	H
	5172	-54.02	-13	-41.02	-64.53	3.011	13.52	H
	6900	-50.56	-13	-37.56	-60.76	3.271	13.47	H
	8616	-43.62	-13	-30.62	-50.59	5.527	12.5	H
	3447	-56.19	-13	-43.19	-66.93	2.604	13.34	V
	5172	-53.01	-13	-40.01	-63.52	3.011	13.52	V
	6900	-50.30	-13	-37.30	-60.50	3.271	13.47	V
	8616	-46.21	-13	-33.21	-53.18	5.527	12.50	V

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

LTE Band 5 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-64.57	-13	-51.57	-71.54	1.58	10.70	H
	2496	-64.12	-13	-51.12	-72.37	2.102	12.50	H
	3330	-63.30	-13	-50.30	-72.19	2.856	13.90	H
	1664	-64.47	-13	-51.47	-71.44	1.58	10.70	V
	2496	-64.38	-13	-51.38	-72.63	2.10	12.50	V
	3330	-63.32	-13	-50.32	-72.21	2.86	13.90	V

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



LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-64.35	-25	-39.35	-74.56	3.03	13.24	H
	7576	-43.30	-25	-18.30	-52.75	3.56	13.01	H
	10100	-56.38	-25	-31.38	-65.90	3.92	13.44	H
	12630	-49.86	-25	-24.86	-59.78	4.44	14.36	H
	5052	-64.39	-25	-39.39	-74.60	3.03	13.24	V
	7576	-55.12	-25	-30.12	-64.57	3.56	13.01	V
	10104	-57.77	-25	-32.77	-67.29	3.92	13.44	V
	12630	-50.94	-25	-25.94	-60.86	4.44	14.36	V

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

LTE Band 66 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-56.33	-13	-43.33	-67.07	2.604	13.34	H
	5208	-54.29	-13	-41.29	-64.80	3.011	13.52	H
	6948	-50.32	-13	-37.32	-60.52	3.271	13.47	H
	3471	-56.67	-13	-43.67	-67.41	2.604	13.34	V
	5208	-54.04	-13	-41.04	-64.55	3.011	13.52	V
	6948	-50.23	-13	-37.23	-60.43	3.271	13.47	V

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