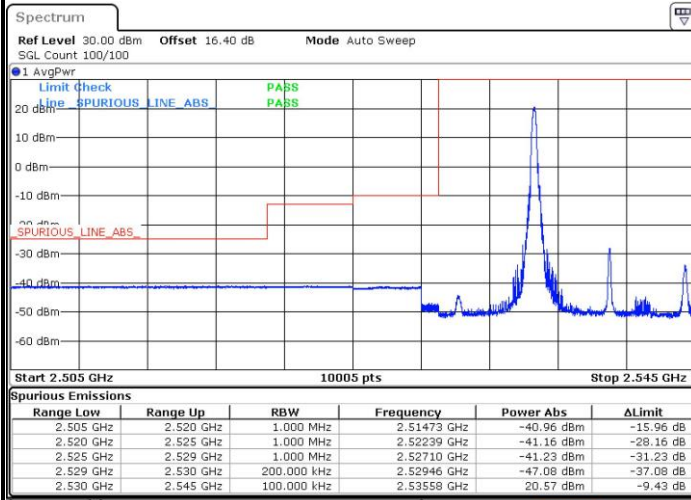


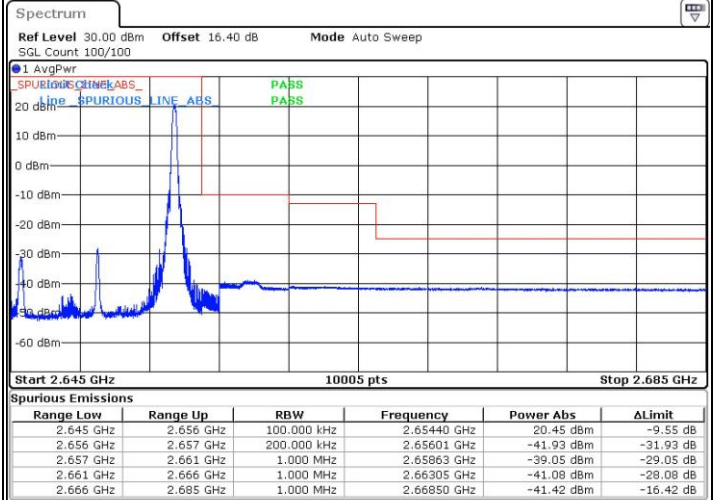


LTE Band 41 / 10MHz / 64QAM

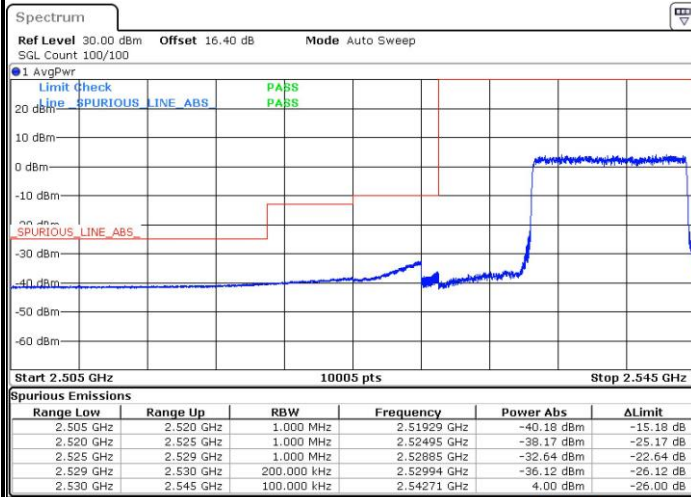
Lowest Band Edge / 1 RB



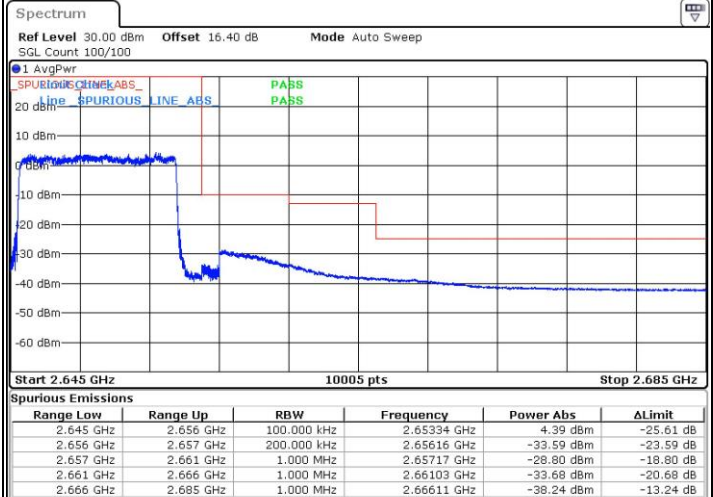
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



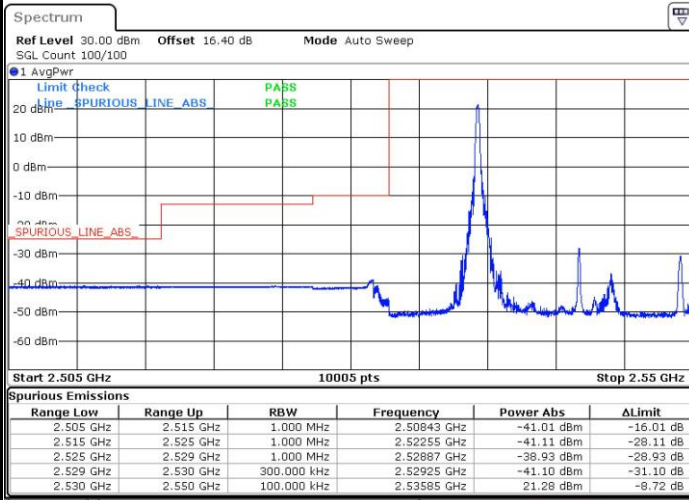
Highest Band Edge / Full RB



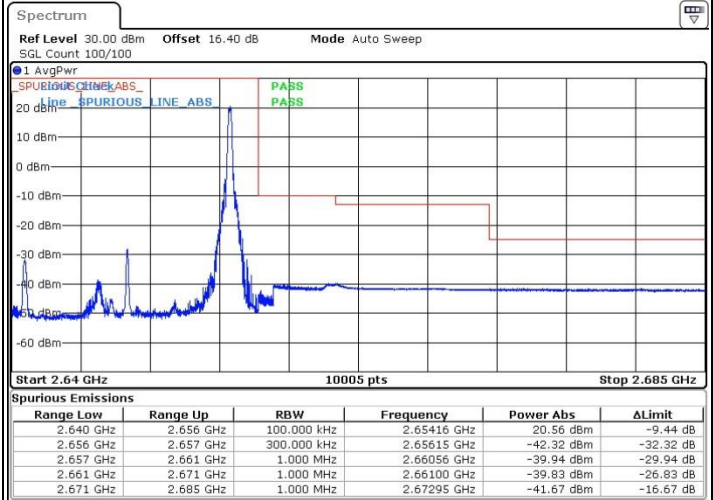


LTE Band 41 / 15MHz / QPSK

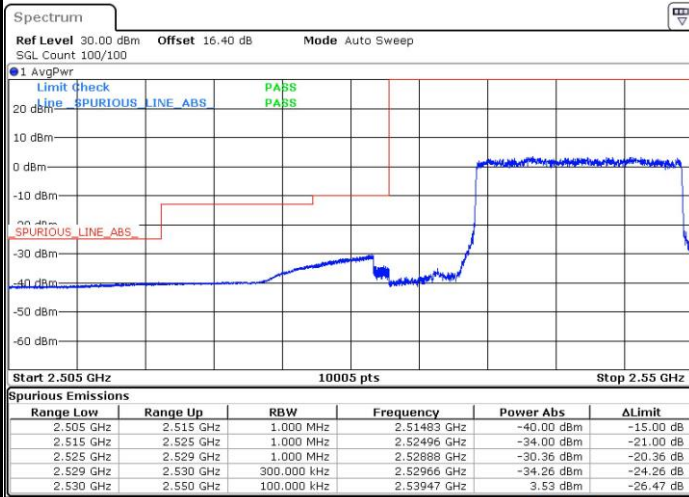
Lowest Band Edge / 1 RB



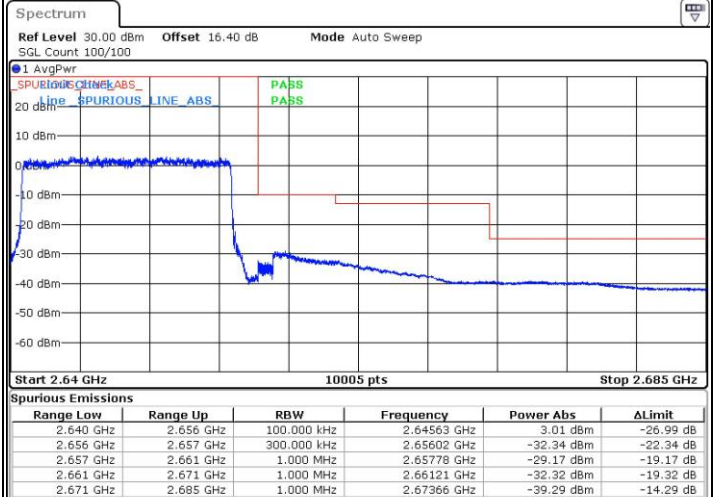
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



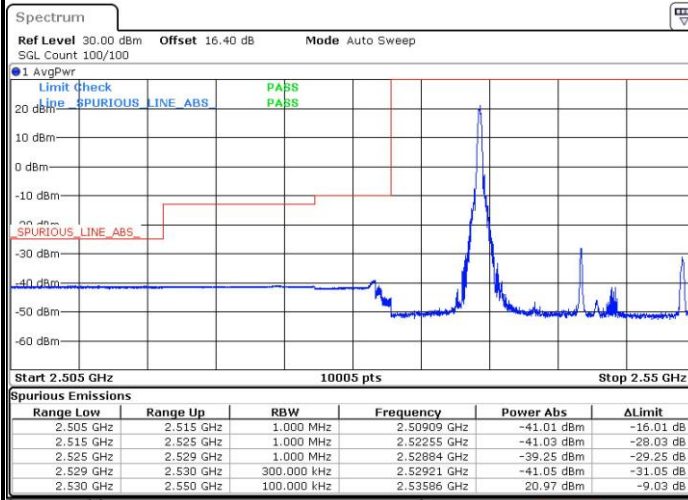
Highest Band Edge / Full RB



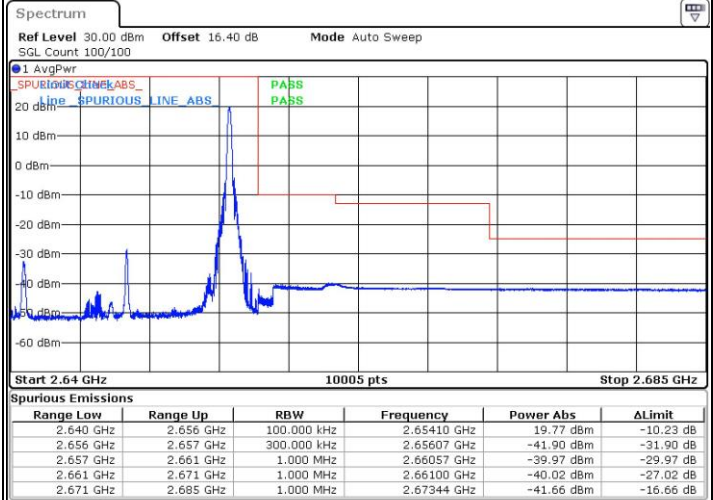


LTE Band 41 / 15MHz / 16QAM

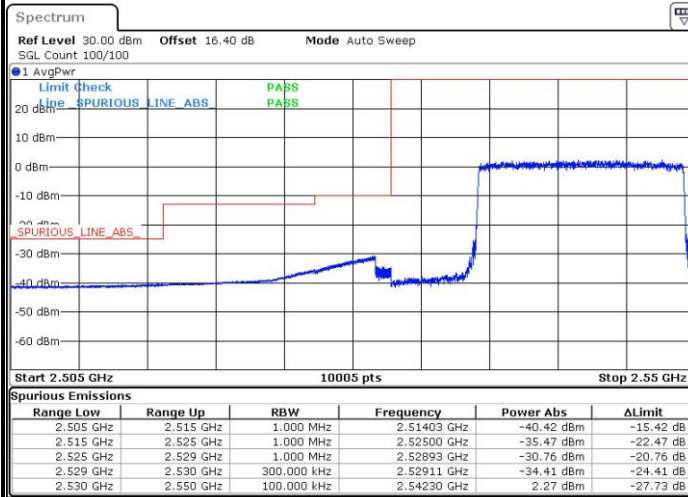
Lowest Band Edge / 1 RB



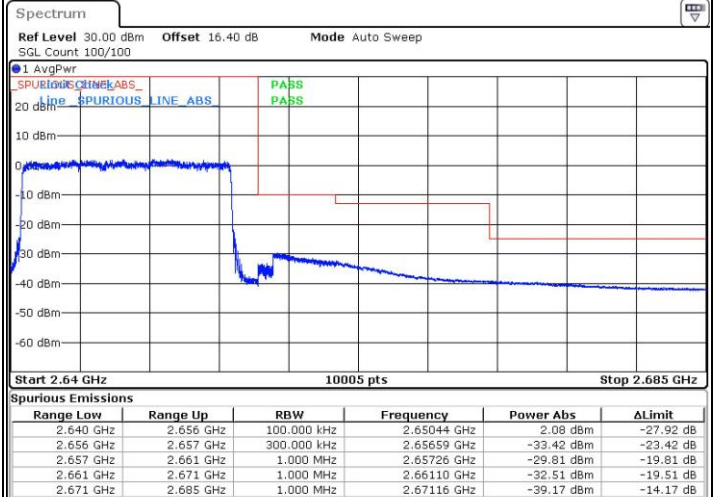
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



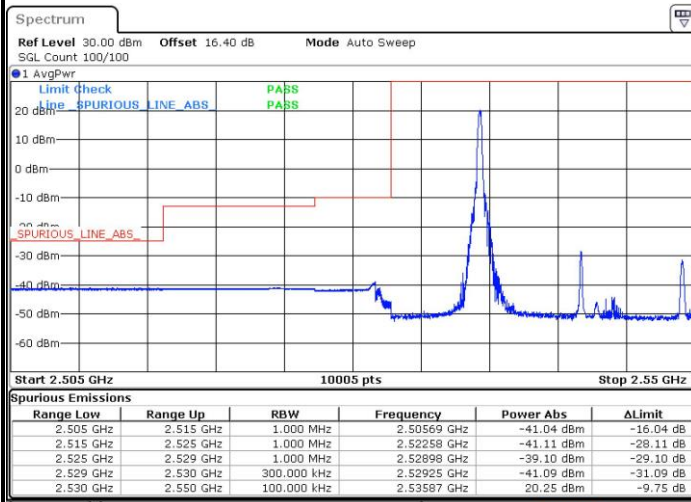
Highest Band Edge / Full RB



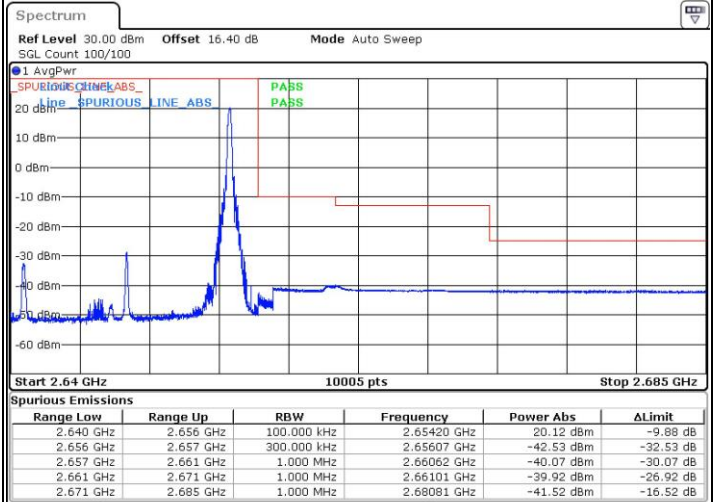


LTE Band 41 / 15MHz / 64QAM

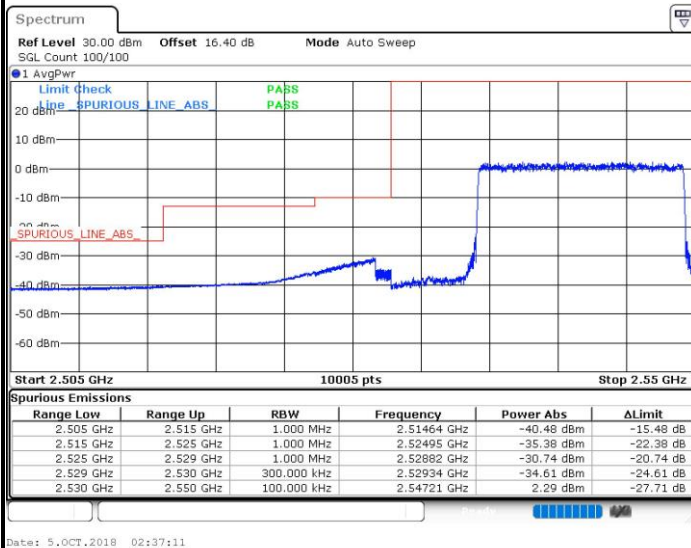
Lowest Band Edge / 1 RB



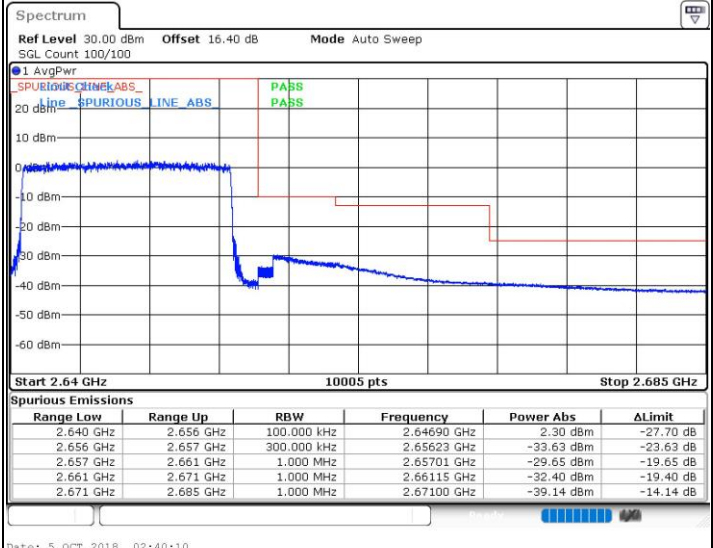
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



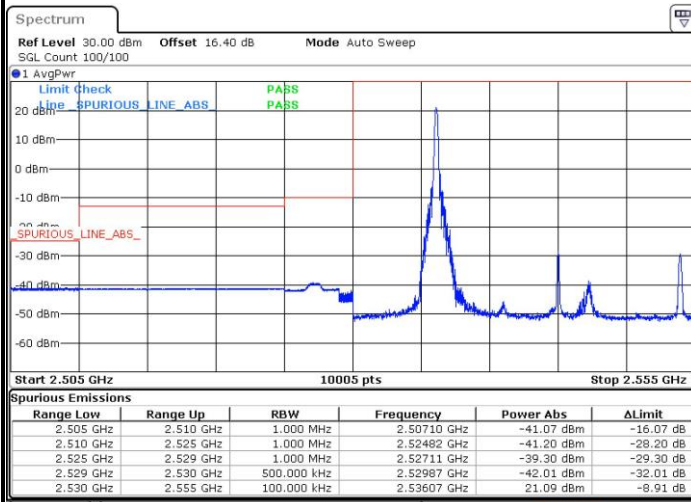
Highest Band Edge / Full RB



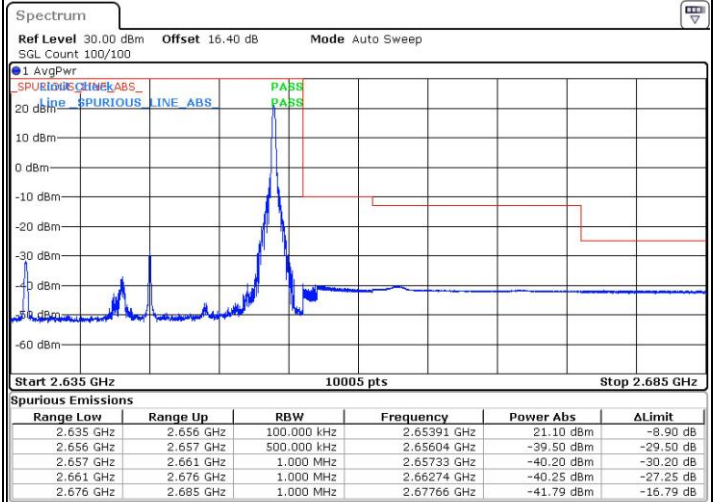


LTE Band 41 / 20MHz / QPSK

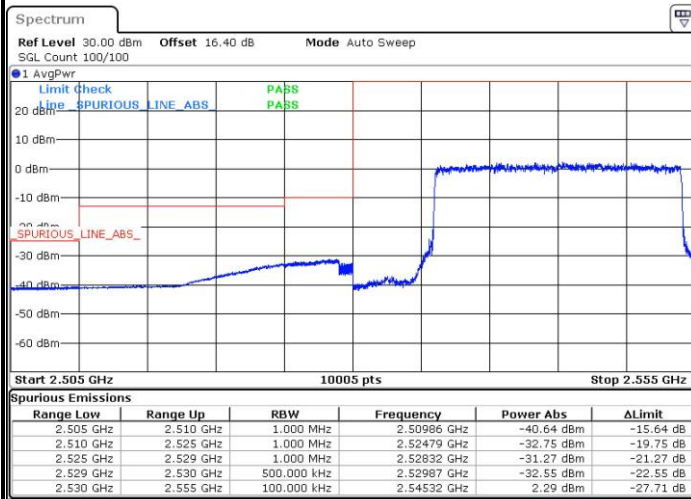
Lowest Band Edge / 1 RB



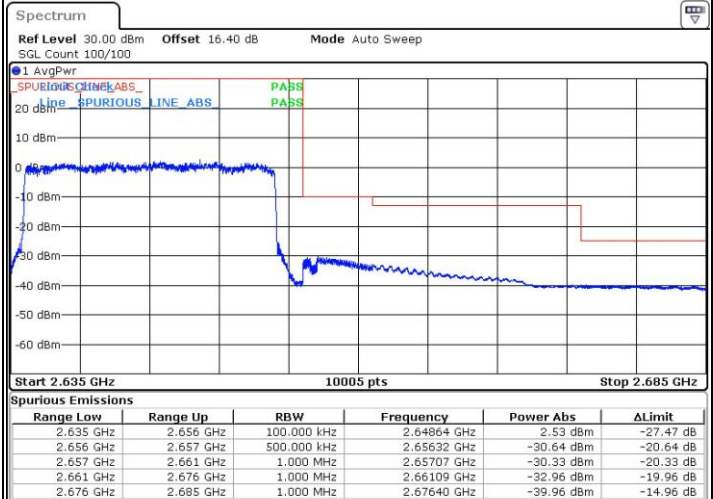
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



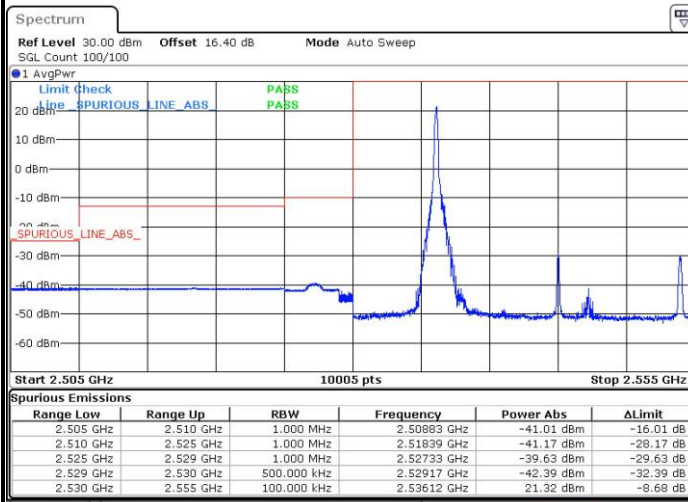
Highest Band Edge / Full RB



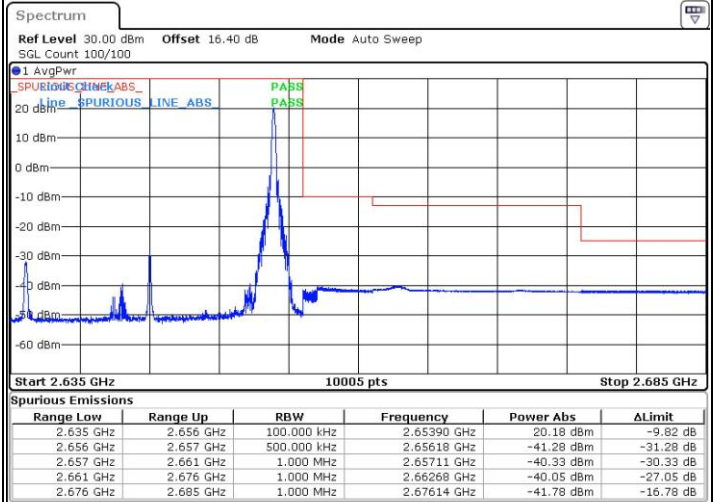


LTE Band 41 / 20MHz / 16QAM

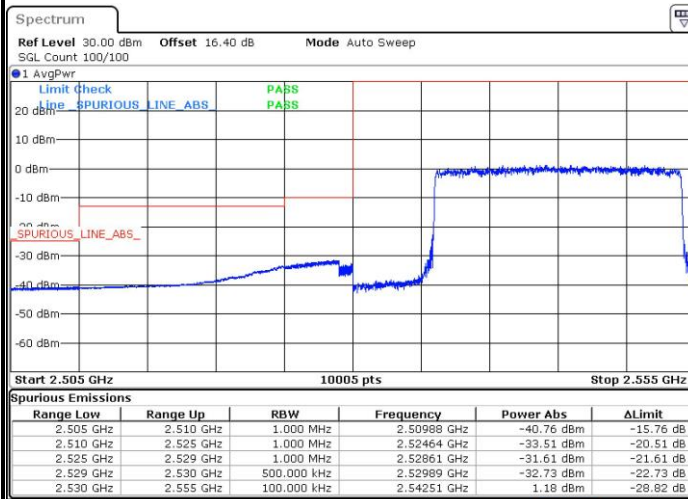
Lowest Band Edge / 1 RB



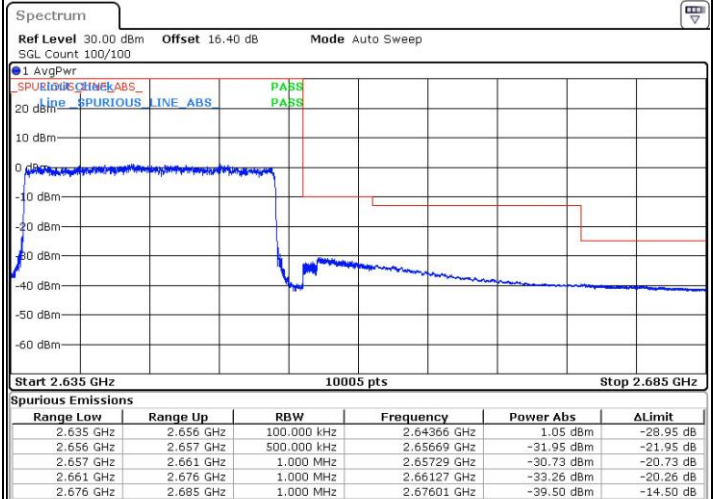
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



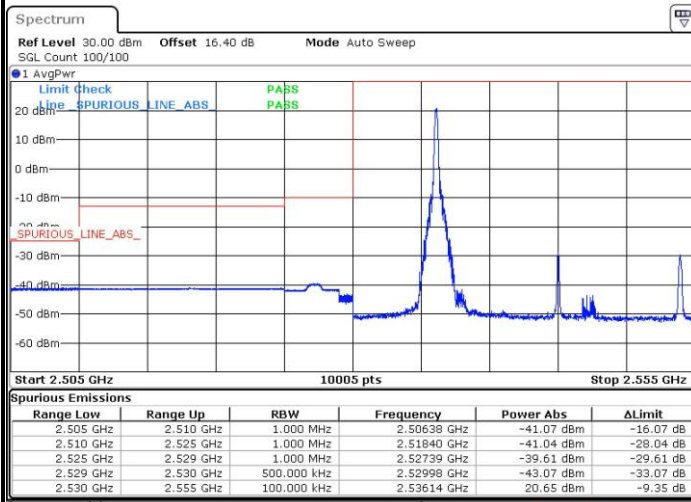
Highest Band Edge / Full RB



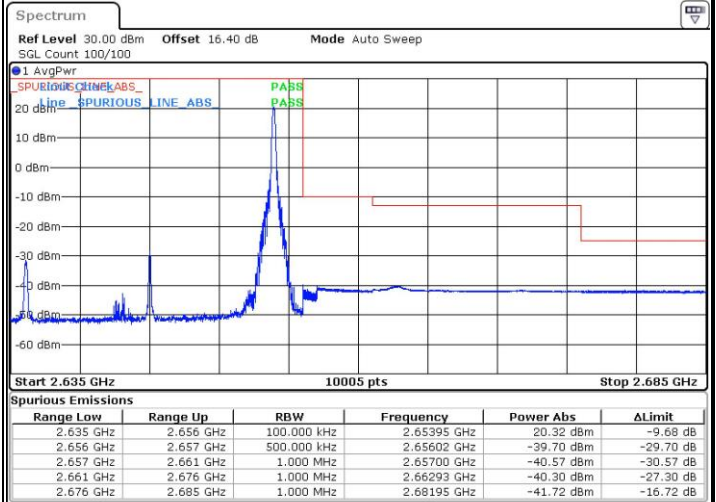


LTE Band 41 / 20MHz / 64QAM

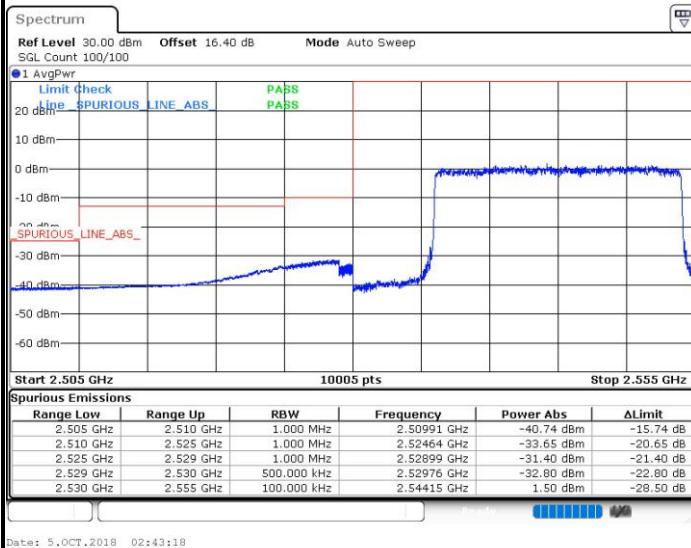
Lowest Band Edge / 1 RB



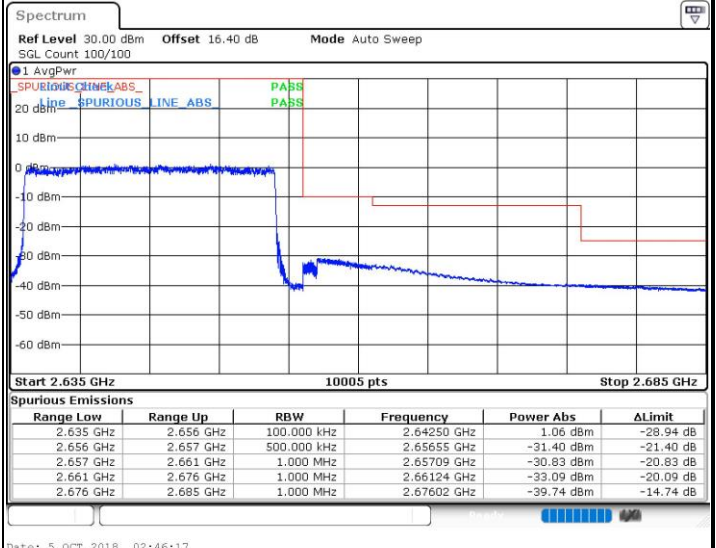
Highest Band Edge / 1 RB

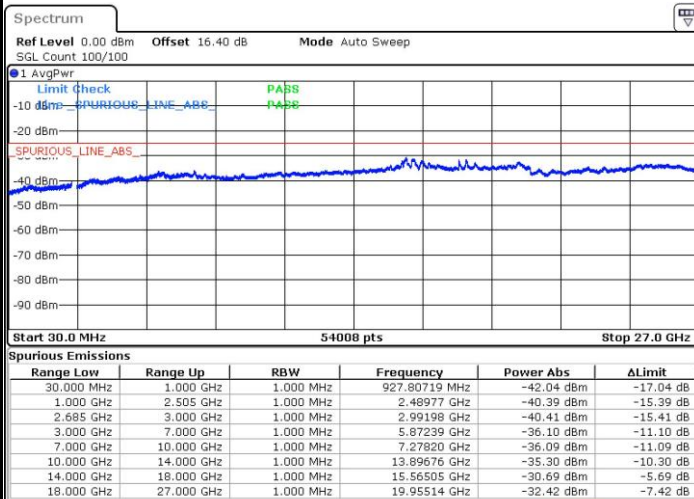


Lowest Band Edge / Full RB

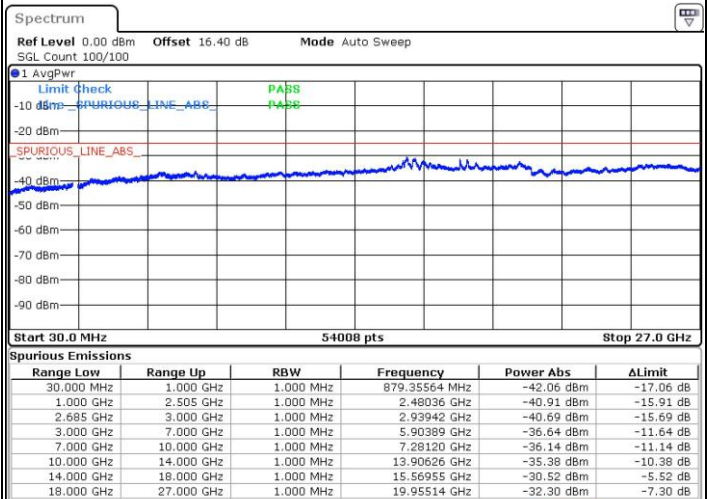


Highest Band Edge / Full RB

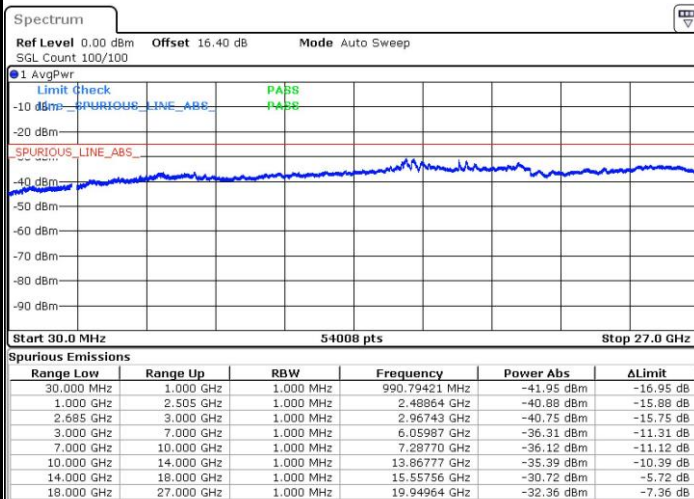


**Conducted Spurious Emission****LTE Band 41 / 5MHz****Lowest Channel / QPSK**

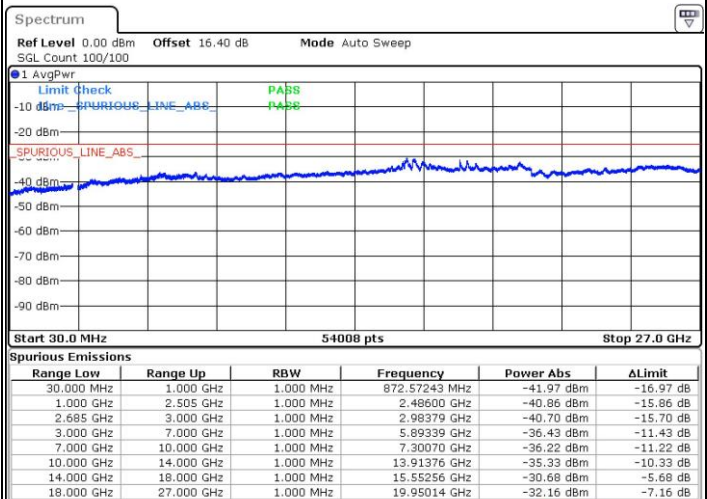
Date: 5.OCT.2018 02:48:48

Lowest Channel / 16QAM

Date: 5.OCT.2018 02:49:53

Middle Channel / QPSK

Date: 5.OCT.2018 02:50:58

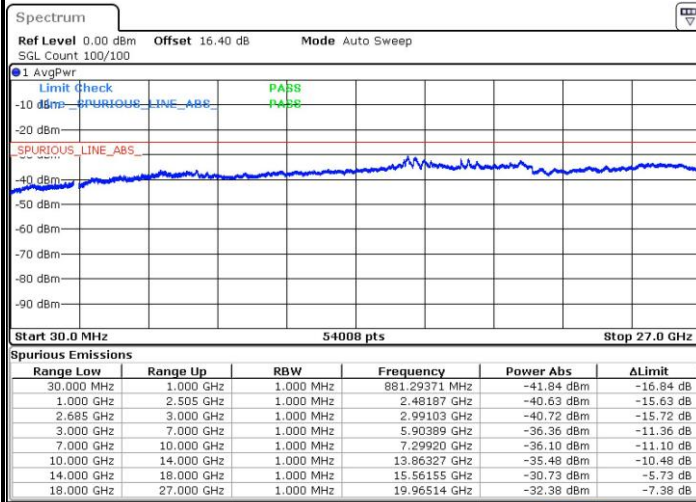
Middle Channel / 16QAM

Date: 5.OCT.2018 02:52:03



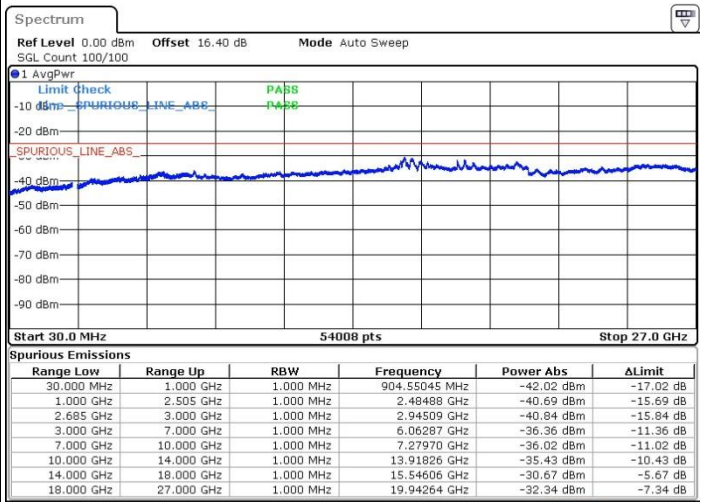
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 5.OCT.2018 02:53:08

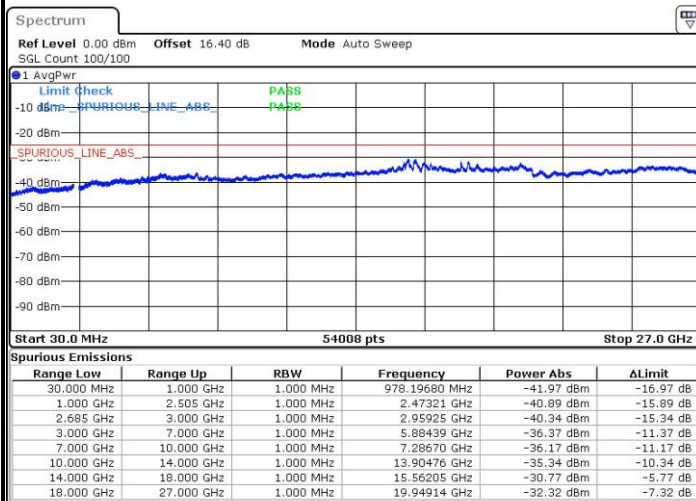
Highest Channel / 16QAM



Date: 5.OCT.2018 02:54:13

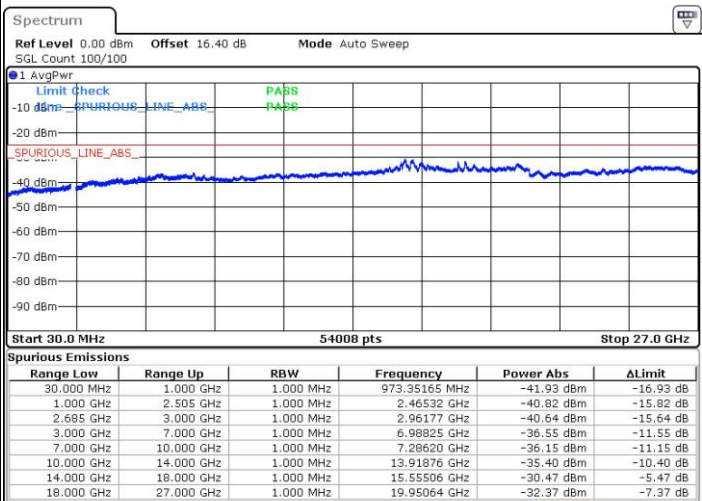
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 5.OCT.2018 02:55:18

Lowest Channel / 16QAM

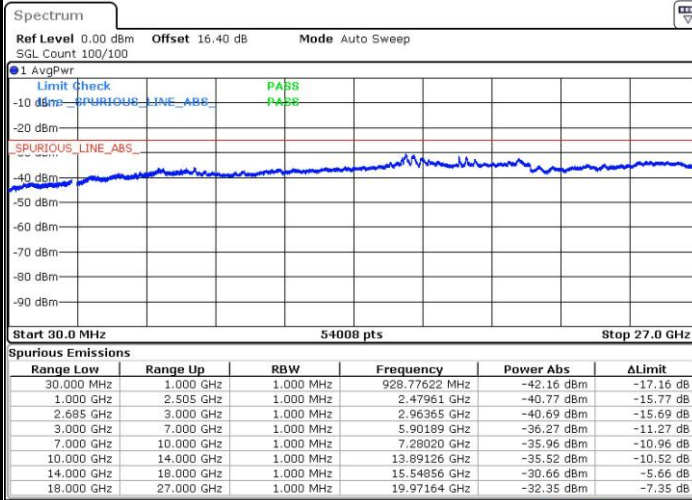


Date: 5.OCT.2018 02:56:23



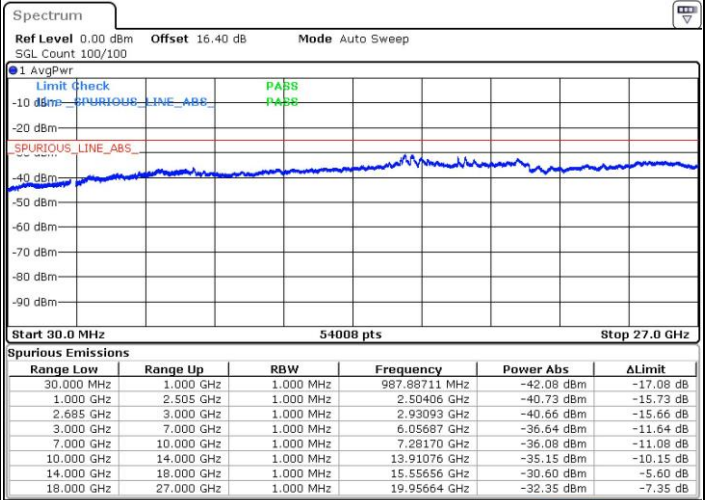
LTE Band 41 / 10MHz

Middle Channel / QPSK



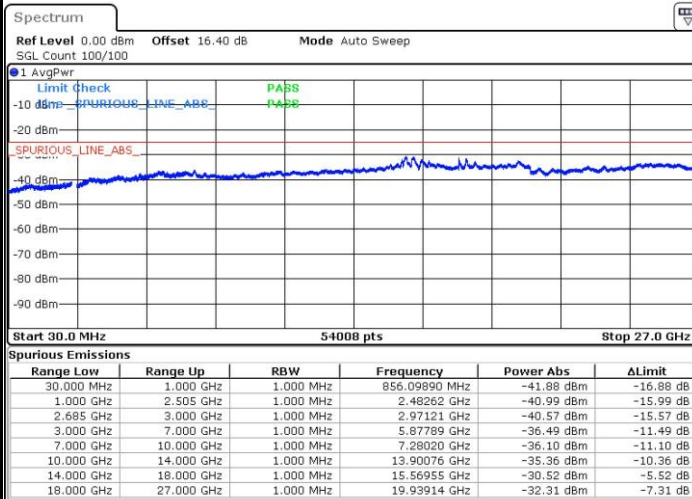
Date: 5.OCT.2018 02:57:27

Middle Channel / 16QAM



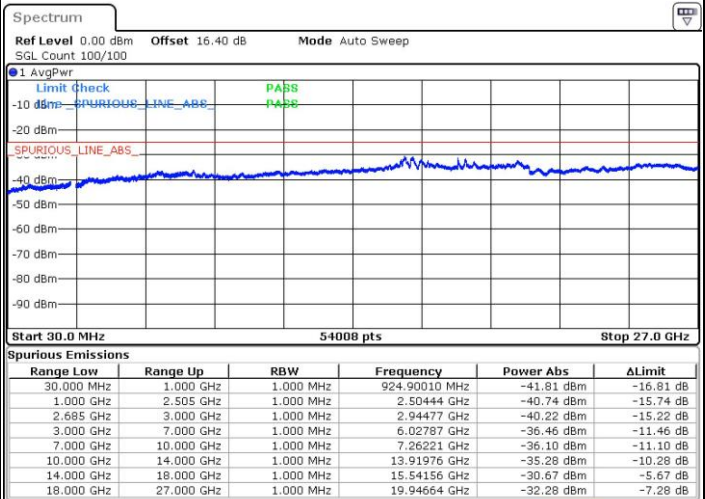
Date: 5.OCT.2018 02:58:32

Highest Channel / QPSK



Date: 5.OCT.2018 02:59:37

Highest Channel / 16QAM

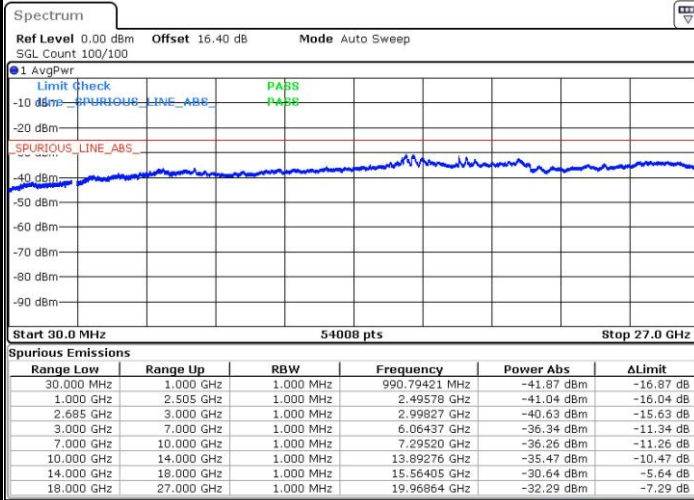


Date: 5.OCT.2018 03:00:42



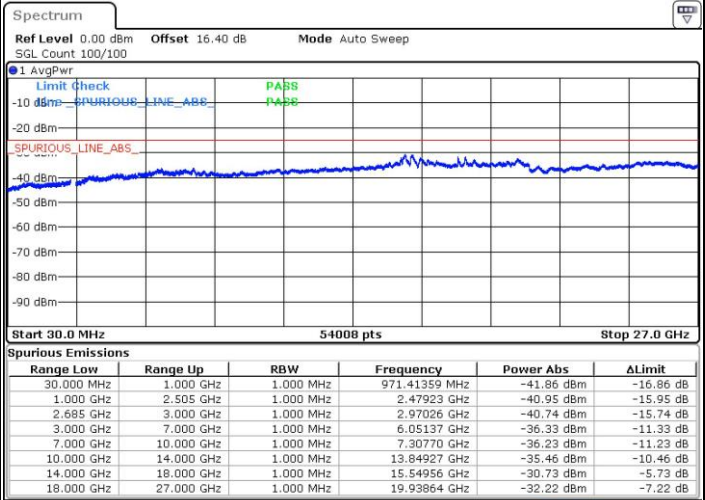
LTE Band 41 / 15MHz

Lowest Channel / QPSK



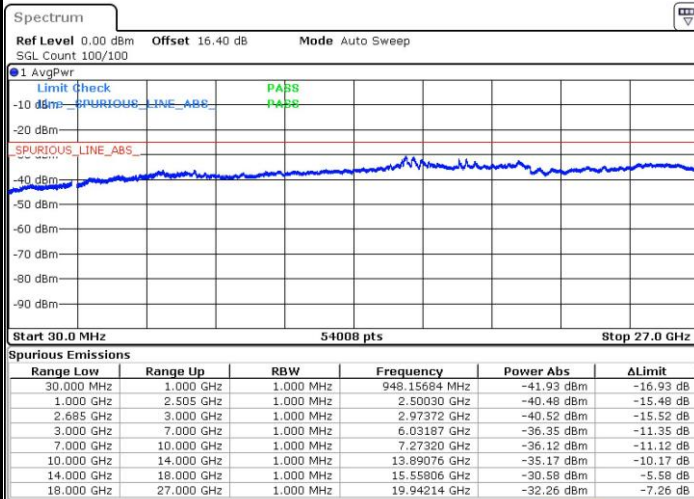
Date: 5.OCT.2018 03:01:47

Lowest Channel / 16QAM



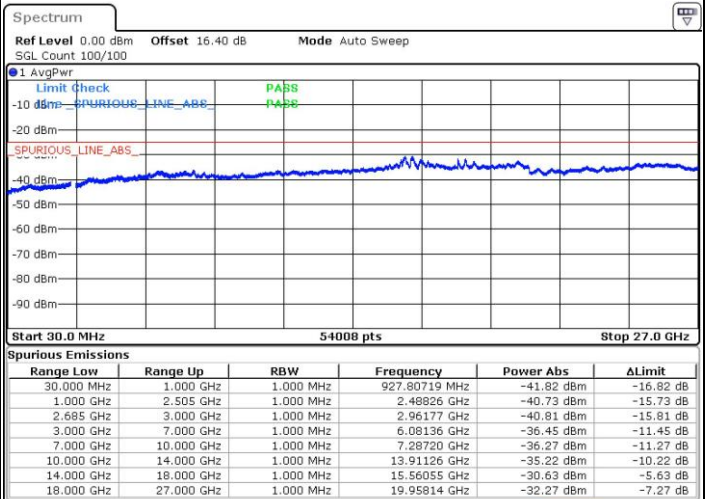
Date: 5.OCT.2018 03:02:51

Middle Channel / QPSK



Date: 5.OCT.2018 03:03:56

Middle Channel / 16QAM

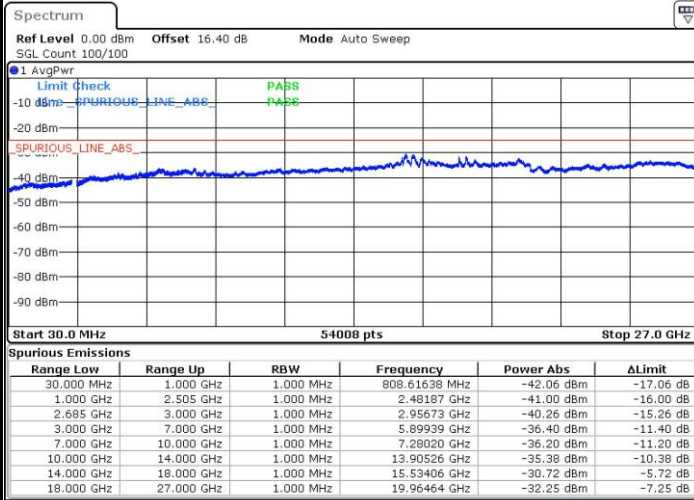


Date: 5.OCT.2018 03:05:01



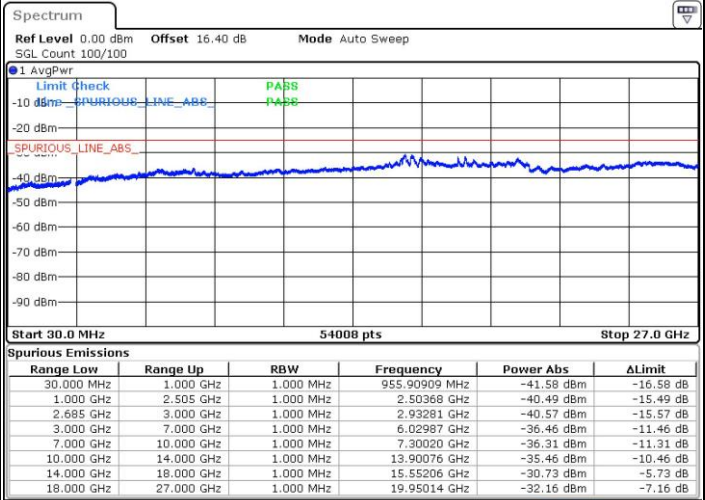
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 5.OCT.2018 03:06:06

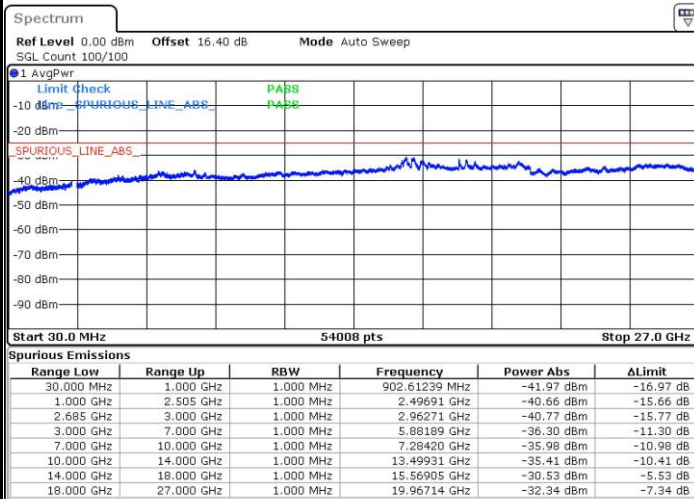
Highest Channel / 16QAM



Date: 5.OCT.2018 03:07:11

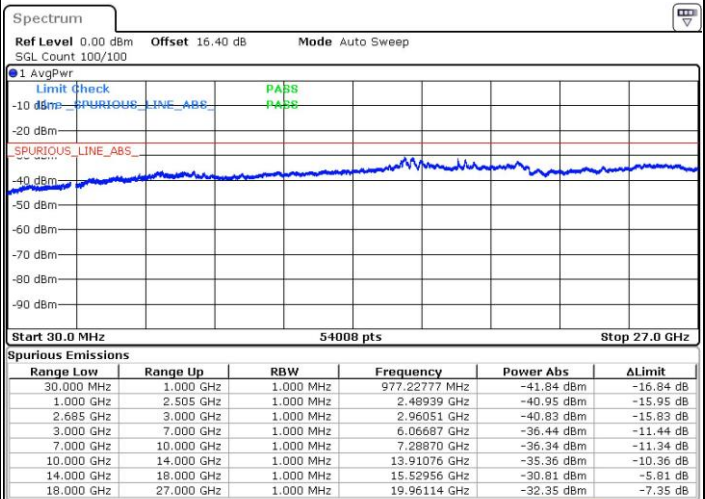
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 5.OCT.2018 03:08:15

Lowest Channel / 16QAM

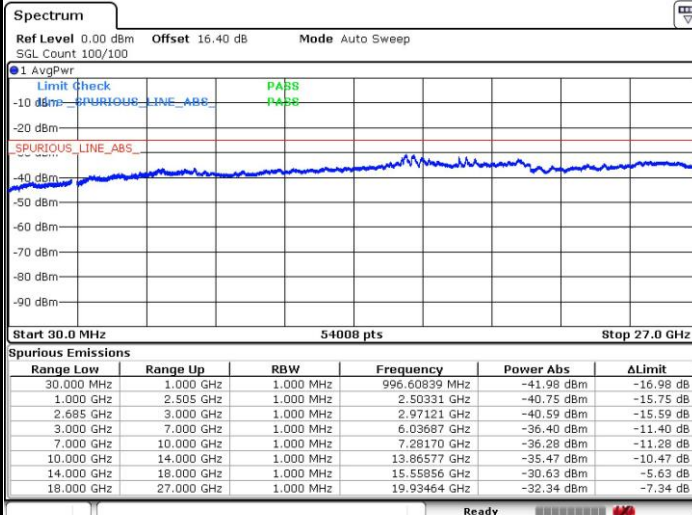


Date: 5.OCT.2018 03:09:20



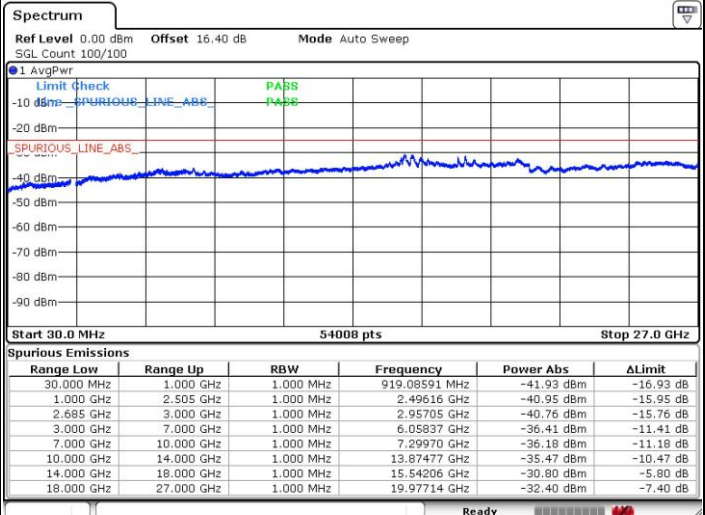
LTE Band 41 / 20MHz

Middle Channel / QPSK



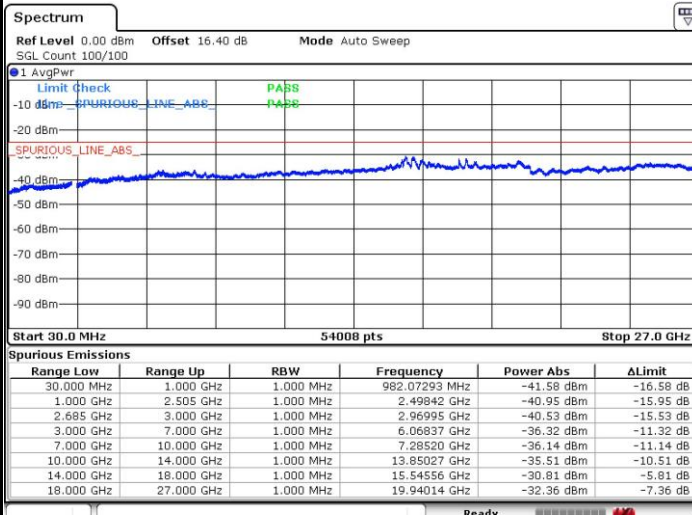
Date: 5.OCT.2018 03:10:25

Middle Channel / 16QAM



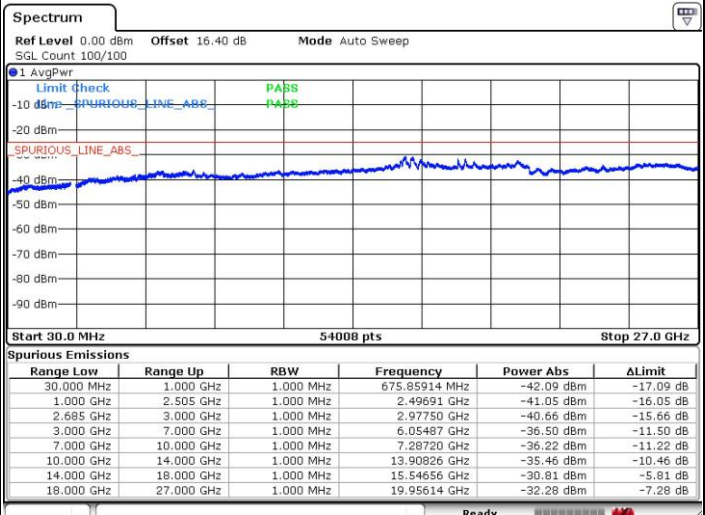
Date: 5.OCT.2018 03:11:30

Highest Channel / QPSK



Date: 5.OCT.2018 03:12:35

Highest Channel / 16QAM



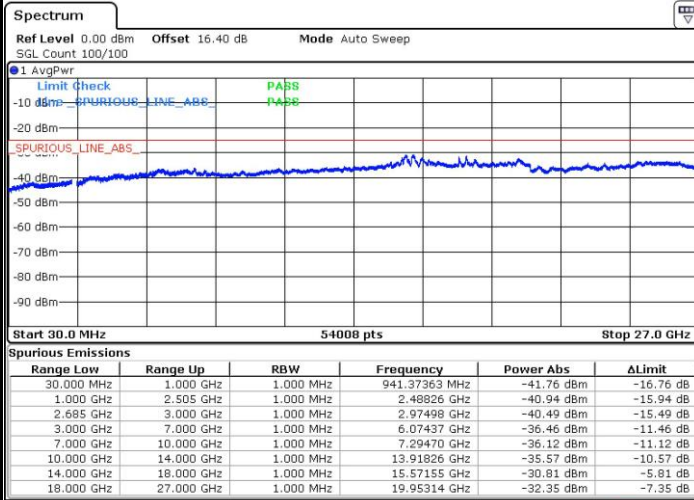
Date: 5.OCT.2018 03:13:40



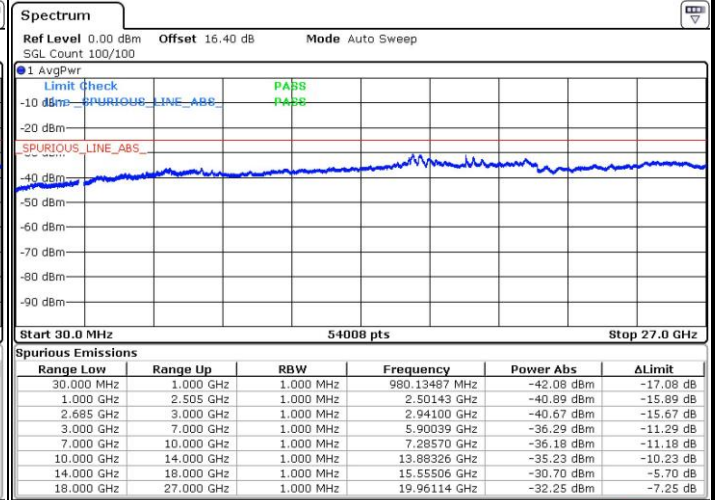
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

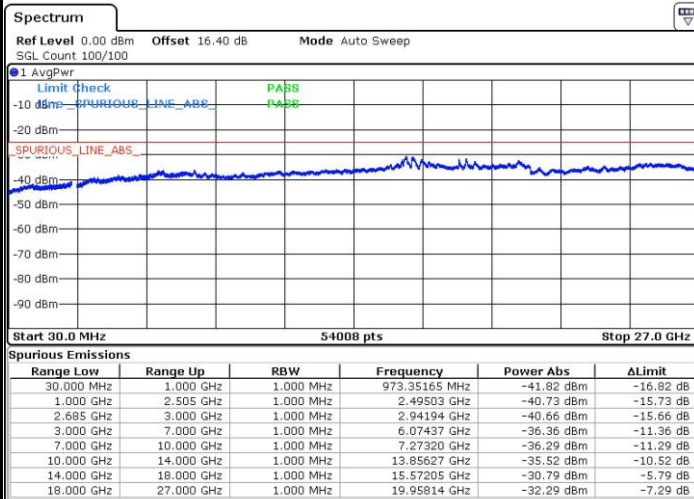


Date: 5.OCT.2018 03:14:45



Date: 5.OCT.2018 03:15:50

Highest Channel / 64QAM

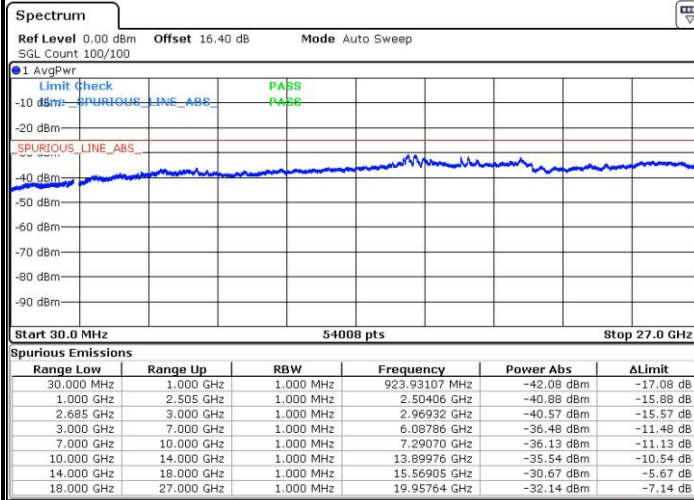


Date: 5.OCT.2018 03:16:55



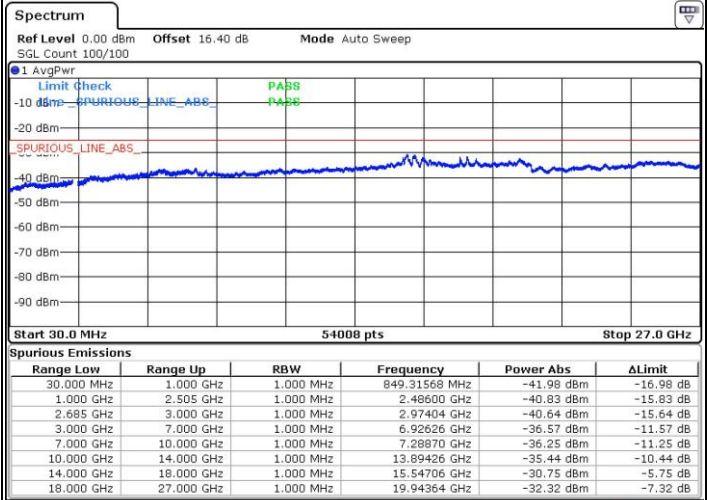
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



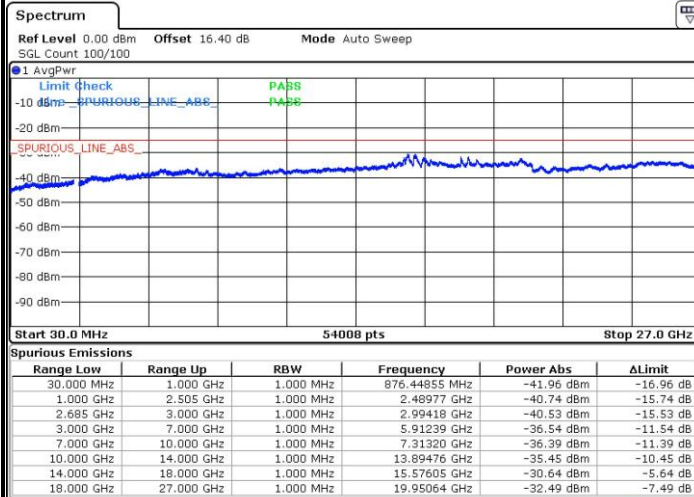
Date: 5.OCT.2018 03:18:01

Middle Channel / 64QAM



Date: 5.OCT.2018 03:19:06

Highest Channel / 64QAM



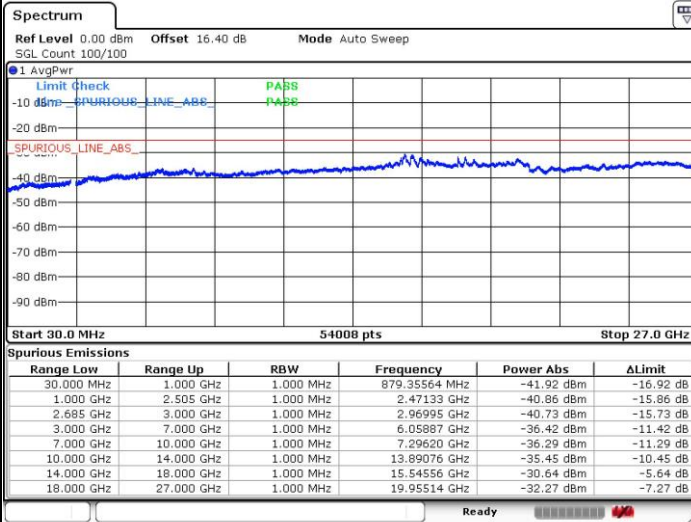
Date: 5.OCT.2018 03:20:11



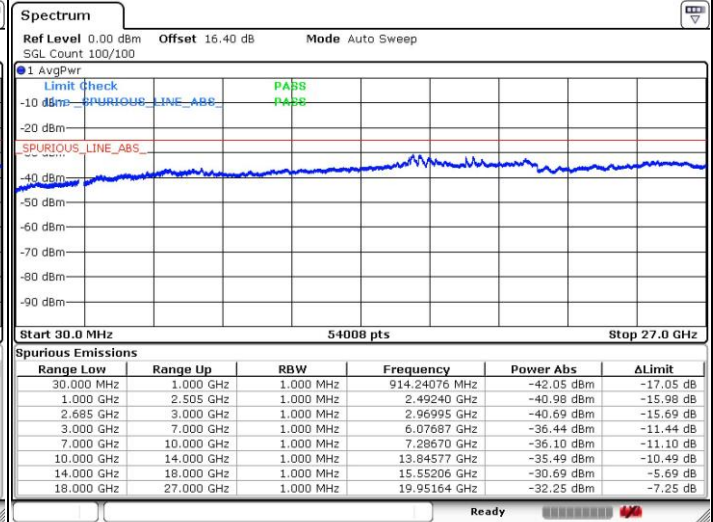
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

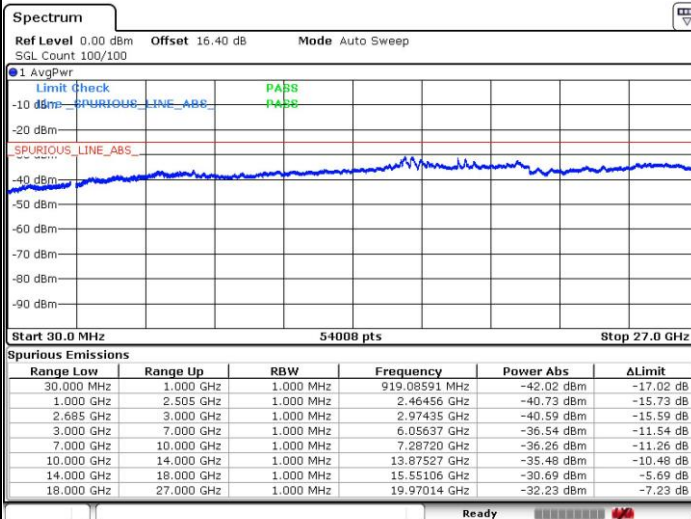


Date: 5.OCT.2018 03:21:16



Date: 5.OCT.2018 03:22:21

Highest Channel / 64QAM

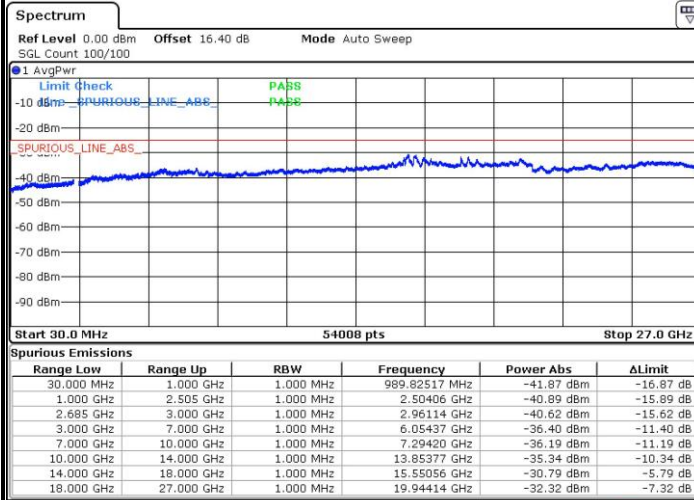


Date: 5.OCT.2018 03:23:26



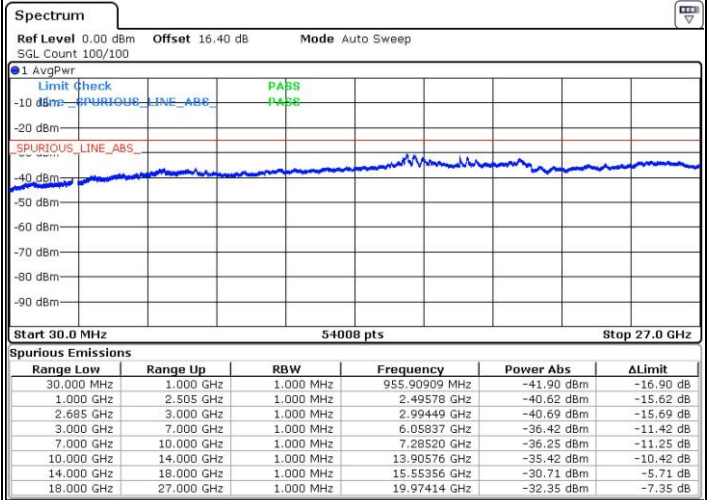
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



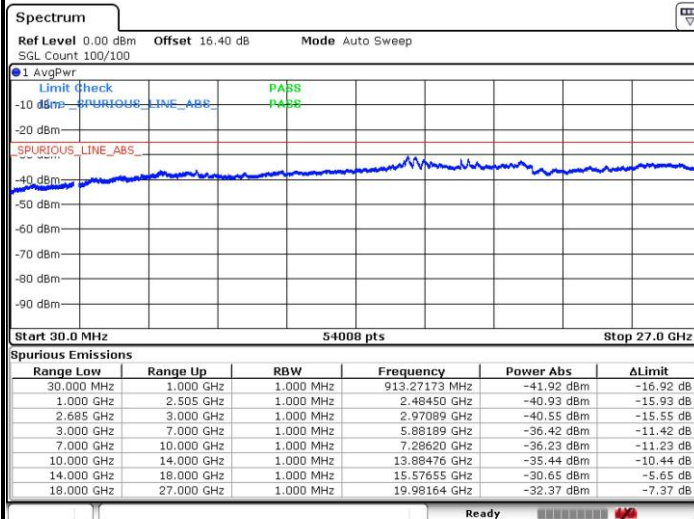
Date: 5.OCT.2018 03:24:31

Middle Channel / 64QAM



Date: 5.OCT.2018 03:25:36

Highest Channel / 64QAM



Date: 5.OCT.2018 03:26:41

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 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 = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.17	0.1648	19.77	0.0948
Middle		3	1	22.52	0.1786	20.12	0.1028
Highest		3	1	22.40	0.1738	20.00	0.1000
Lowest	16QAM	1	3	21.52	0.1419	19.12	0.0817
Middle		1	3	21.88	0.1542	19.48	0.0887
Highest		1	3	21.54	0.1426	19.14	0.0820
Lowest	64QAM	3	1	20.41	0.1099	18.01	0.0632
Middle		3	1	20.77	0.1194	18.37	0.0687
Highest		3	1	20.55	0.1135	18.15	0.0653
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.14	0.1637	19.74	0.0942
Middle		1	8	22.51	0.1782	20.11	0.1026
Highest		1	8	22.37	0.1726	19.97	0.0993
Lowest	16QAM	1	8	21.50	0.1413	19.10	0.0813
Middle		1	8	21.86	0.1535	19.46	0.0883
Highest		1	8	21.64	0.1459	19.24	0.0839
Lowest	64QAM	1	8	20.43	0.1104	18.03	0.0635
Middle		1	8	20.80	0.1202	18.40	0.0692
Highest		1	8	20.57	0.1140	18.17	0.0656
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.15	0.1641	19.75	0.0944
Middle		1	12	22.51	0.1782	20.11	0.1026
Highest		1	12	22.40	0.1738	20.00	0.1000
Lowest	16QAM	1	12	21.53	0.1422	19.13	0.0818
Middle		1	12	21.91	0.1552	19.51	0.0893
Highest		1	12	21.70	0.1479	19.30	0.0851
Lowest	64QAM	1	12	20.47	0.1114	18.07	0.0641
Middle		1	12	20.78	0.1197	18.38	0.0689
Highest		1	12	20.81	0.1205	18.41	0.0693
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.29	0.1694	19.89	0.0975
Middle		1	0	22.62	0.1828	20.22	0.1052
Highest		1	0	22.38	0.1730	19.98	0.0995
Lowest	16QAM	1	0	21.66	0.1466	19.26	0.0843
Middle		1	0	22.03	0.1596	19.63	0.0918
Highest		1	0	21.83	0.1524	19.43	0.0877
Lowest	64QAM	1	49	20.60	0.1148	18.20	0.0661
Middle		1	49	20.91	0.1233	18.51	0.0710
Highest		1	49	20.52	0.1127	18.12	0.0649
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.50	0.1778	20.10	0.1023
Middle		1	37	22.68	0.1854	20.28	0.1067
Highest		1	37	22.58	0.1811	20.18	0.1042
Lowest	16QAM	1	37	21.82	0.1521	19.42	0.0875
Middle		1	37	22.10	0.1622	19.70	0.0933
Highest		1	37	21.95	0.1567	19.55	0.0902
Lowest	64QAM	1	37	20.80	0.1202	18.40	0.0692
Middle		1	37	21.04	0.1271	18.64	0.0731
Highest		1	37	20.90	0.1230	18.50	0.0708
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.38	0.1730	19.98	0.0995
Middle		1	0	22.70	0.1862	20.30	0.1072
Highest		1	0	22.73	0.1875	20.33	0.1079
Lowest	16QAM	1	49	21.81	0.1517	19.41	0.0873
Middle		1	49	22.14	0.1637	19.74	0.0942
Highest		1	49	21.97	0.1574	19.57	0.0906
Lowest	64QAM	1	99	21.71	0.1483	19.31	0.0853
Middle		1	99	20.99	0.1256	18.59	0.0723
Highest		1	99	20.86	0.1219	18.46	0.0701
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	5	22.59	0.1816	20.89	0.1227
Middle		1	5	22.61	0.1824	20.91	0.1233
Highest		1	5	22.75	0.1884	21.05	0.1274
Lowest	16QAM	1	3	22.00	0.1585	20.30	0.1072
Middle		1	3	22.19	0.1656	20.49	0.1119
Highest		1	3	22.19	0.1656	20.49	0.1119
Lowest	64QAM	3	1	20.46	0.1112	18.76	0.0752
Middle		3	1	20.82	0.1208	19.12	0.0817
Highest		3	1	20.60	0.1148	18.90	0.0776
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	22.48	0.1770	20.78	0.1197
Middle		1	0	22.53	0.1791	20.83	0.1211
Highest		1	0	22.57	0.1807	20.87	0.1222
Lowest	16QAM	1	14	21.71	0.1483	20.01	0.1002
Middle		1	14	21.93	0.1560	20.23	0.1054
Highest		1	14	21.86	0.1535	20.16	0.1038
Lowest	64QAM	1	0	20.75	0.1189	19.05	0.0804
Middle		1	0	20.94	0.1242	19.24	0.0839
Highest		1	0	20.89	0.1227	19.19	0.0830
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	22.52	0.1786	20.82	0.1208
Middle		1	0	22.57	0.1807	20.87	0.1222
Highest		1	0	22.61	0.1824	20.91	0.1233
Lowest	16QAM	1	24	21.75	0.1496	20.05	0.1012
Middle		1	24	21.97	0.1574	20.27	0.1064
Highest		1	24	21.90	0.1549	20.20	0.1047
Lowest	64QAM	1	0	20.79	0.1199	19.09	0.0811
Middle		1	0	20.98	0.1253	19.28	0.0847
Highest		1	0	20.93	0.1239	19.23	0.0838
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	0	22.54	0.1795	20.84	0.1213
Middle		1	0	22.66	0.1845	20.96	0.1247
Highest		1	0	22.71	0.1866	21.01	0.1262
Lowest	16QAM	1	0	21.82	0.1521	20.12	0.1028
Middle		1	0	22.02	0.1592	20.32	0.1076
Highest		1	0	21.97	0.1574	20.27	0.1064
Lowest	64QAM	1	0	20.81	0.1205	19.11	0.0815
Middle		1	0	20.96	0.1247	19.26	0.0843
Highest		1	0	21.05	0.1274	19.35	0.0861
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	37	22.59	0.1816	20.89	0.1227
Middle		1	37	22.70	0.1862	21.00	0.1259
Highest		1	37	22.73	0.1875	21.03	0.1268
Lowest	16QAM	1	37	22.00	0.1585	20.30	0.1072
Middle		1	37	22.09	0.1618	20.39	0.1094
Highest		1	37	21.95	0.1567	20.25	0.1059
Lowest	64QAM	1	0	20.87	0.1222	19.17	0.0826
Middle		1	0	21.13	0.1297	19.43	0.0877
Highest		1	0	21.02	0.1265	19.32	0.0855
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	22.56	0.1803	20.86	0.1219
Middle		1	0	22.77	0.1892	21.07	0.1279
Highest		1	0	22.63	0.1832	20.93	0.1239
Lowest	16QAM	1	49	21.98	0.1578	20.28	0.1067
Middle		1	49	22.20	0.1660	20.50	0.1122
Highest		1	49	22.10	0.1622	20.40	0.1096
Lowest	64QAM	1	0	20.94	0.1242	19.24	0.0839
Middle		1	0	21.13	0.1297	19.43	0.0877
Highest		1	0	20.93	0.1239	19.23	0.0838
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	22.71	0.1866	17.16	0.0520
Middle		1	3	22.66	0.1845	17.11	0.0514
Highest		1	3	22.62	0.1828	17.07	0.0509
Lowest	16QAM	1	3	22.09	0.1618	16.54	0.0451
Middle		1	3	22.06	0.1607	16.51	0.0448
Highest		1	3	21.91	0.1552	16.36	0.0433
Lowest	64QAM	1	0	20.88	0.1225	15.33	0.0341
Middle		1	0	20.72	0.1180	15.17	0.0329
Highest		1	0	20.81	0.1205	15.26	0.0336
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.70	0.1862	17.15	0.0519
Middle		1	0	22.69	0.1858	17.14	0.0518
Highest		1	0	22.63	0.1832	17.08	0.0511
Lowest	16QAM	1	0	22.12	0.1629	16.57	0.0454
Middle		1	0	22.05	0.1603	16.50	0.0447
Highest		1	0	22.02	0.1592	16.47	0.0444
Lowest	64QAM	1	0	21.03	0.1268	15.48	0.0353
Middle		1	0	21.00	0.1259	15.45	0.0351
Highest		1	0	20.94	0.1242	15.39	0.0346
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.69	0.1858	17.14	0.0518
Middle		1	0	22.70	0.1862	17.15	0.0519
Highest		1	0	22.65	0.1841	17.10	0.0513
Lowest	16QAM	1	12	22.05	0.1603	16.50	0.0447
Middle		1	12	22.13	0.1633	16.58	0.0455
Highest		1	12	21.92	0.1556	16.37	0.0434
Lowest	64QAM	1	12	20.94	0.1242	15.39	0.0346
Middle		1	12	21.00	0.1259	15.45	0.0351
Highest		1	12	20.91	0.1233	15.36	0.0344
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.72	0.1871	17.17	0.0521
Middle		1	0	22.71	0.1866	17.16	0.0520
Highest		1	0	22.62	0.1828	17.07	0.0509
Lowest	16QAM	1	0	22.04	0.1600	16.49	0.0446
Middle		1	0	22.08	0.1614	16.53	0.0450
Highest		1	0	21.98	0.1578	16.43	0.0440
Lowest	64QAM	1	0	20.95	0.1245	15.40	0.0347
Middle		1	0	20.97	0.1250	15.42	0.0348
Highest		1	0	20.96	0.1247	15.41	0.0348
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	23.01	0.2000	22.03	0.1596
Middle		1	24	22.89	0.1945	21.91	0.1552
Highest		1	24	22.83	0.1919	21.85	0.1531
Lowest	16QAM	1	12	22.29	0.1694	21.31	0.1352
Middle		1	12	22.18	0.1652	21.20	0.1318
Highest		1	12	22.14	0.1637	21.16	0.1306
Lowest	64QAM	1	24	22.00	0.1585	21.02	0.1265
Middle		1	24	21.14	0.1300	20.16	0.1038
Highest		1	24	21.05	0.1274	20.07	0.1016
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.00	0.1995	22.02	0.1592
Middle		1	49	22.88	0.1941	21.90	0.1549
Highest		1	49	22.77	0.1892	21.79	0.1510
Lowest	16QAM	1	0	22.34	0.1714	21.36	0.1368
Middle		1	0	22.19	0.1656	21.21	0.1321
Highest		1	0	22.19	0.1656	21.21	0.1321
Lowest	64QAM	1	49	21.11	0.1291	20.13	0.1030
Middle		1	49	21.25	0.1334	20.27	0.1064
Highest		1	49	20.96	0.1247	19.98	0.0995
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	22.98	0.1986	22.00	0.1585
Middle		1	74	22.87	0.1936	21.89	0.1545
Highest		1	74	22.76	0.1888	21.78	0.1507
Lowest	16QAM	1	0	22.31	0.1702	21.33	0.1358
Middle		1	0	22.23	0.1671	21.25	0.1334
Highest		1	0	22.14	0.1637	21.16	0.1306
Lowest	64QAM	1	74	22.00	0.1585	21.02	0.1265
Middle		1	74	21.16	0.1306	20.18	0.1042
Highest		1	74	21.05	0.1274	20.07	0.1016
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.04	0.2014	22.06	0.1607
Middle		1	0	22.95	0.1972	21.97	0.1574
Highest		1	0	22.98	0.1986	22.00	0.1585
Lowest	16QAM	1	99	22.39	0.1734	21.41	0.1384
Middle		1	99	22.18	0.1652	21.20	0.1318
Highest		1	99	22.14	0.1637	21.16	0.1306
Lowest	64QAM	1	0	21.32	0.1355	20.34	0.1081
Middle		1	0	21.23	0.1327	20.25	0.1059
Highest		1	0	21.21	0.1321	20.23	0.1054
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.02	0.2004	22.04	0.1600
Middle		1	0	22.98	0.1986	22.00	0.1585
Highest		1	0	22.54	0.1795	21.56	0.1432
Lowest	16QAM	1	0	22.36	0.1722	21.38	0.1374
Middle		1	0	22.33	0.1710	21.35	0.1365
Highest		1	0	21.88	0.1542	20.90	0.1230
Lowest	64QAM	1	0	21.19	0.1315	20.21	0.1050
Middle		1	0	21.17	0.1309	20.19	0.1045
Highest		1	0	20.70	0.1175	19.72	0.0938
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.04	0.2014	22.06	0.1607
Middle		1	0	22.98	0.1986	22.00	0.1585
Highest		1	0	22.57	0.1807	21.59	0.1442
Lowest	16QAM	1	0	22.39	0.1734	21.41	0.1384
Middle		1	0	22.40	0.1738	21.42	0.1387
Highest		1	0	21.98	0.1578	21.00	0.1259
Lowest	64QAM	1	0	21.19	0.1315	20.21	0.1050
Middle		1	0	21.19	0.1315	20.21	0.1050
Highest		1	0	20.78	0.1197	19.80	0.0955
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.11	0.2046	22.13	0.1633
Middle		1	0	23.10	0.2042	22.12	0.1629
Highest		1	0	22.76	0.1888	21.78	0.1507
Lowest	16QAM	1	0	22.40	0.1738	21.42	0.1387
Middle		1	0	22.40	0.1738	21.42	0.1387
Highest		1	0	22.05	0.1603	21.07	0.1279
Lowest	64QAM	1	0	21.28	0.1343	20.30	0.1072
Middle		1	0	21.21	0.1321	20.23	0.1054
Highest		1	0	20.86	0.1219	19.88	0.0973
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.21	0.2094	22.23	0.1671
Middle		1	0	23.18	0.2080	22.20	0.1660
Highest		1	0	23.00	0.1995	22.02	0.1592
Lowest	16QAM	1	0	22.35	0.1718	21.37	0.1371
Middle		1	0	22.34	0.1714	21.36	0.1368
Highest		1	0	22.15	0.1641	21.17	0.1309
Lowest	64QAM	1	0	20.97	0.1250	19.99	0.0998
Middle		1	0	20.98	0.1253	20.00	0.1000
Highest		1	0	20.74	0.1186	19.76	0.0946
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	22.71	0.1866	17.16	0.0520
Middle		1	3	22.77	0.1892	17.22	0.0527
Highest		1	3	22.57	0.1807	17.02	0.0504
Lowest	16QAM	1	3	22.06	0.1607	16.51	0.0448
Middle		1	3	22.09	0.1618	16.54	0.0451
Highest		1	3	21.99	0.1581	16.44	0.0441
Lowest	64QAM	1	0	21.00	0.1259	15.45	0.0351
Middle		1	0	21.06	0.1276	15.51	0.0356
Highest		1	0	21.20	0.1318	15.65	0.0367
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.74	0.1879	17.19	0.0524
Middle		1	0	22.77	0.1892	17.22	0.0527
Highest		1	0	22.63	0.1832	17.08	0.0511
Lowest	16QAM	1	8	22.13	0.1633	16.58	0.0455
Middle		1	8	22.02	0.1592	16.47	0.0444
Highest		1	8	21.88	0.1542	16.33	0.0430
Lowest	64QAM	1	0	21.02	0.1265	15.47	0.0352
Middle		1	0	21.03	0.1268	15.48	0.0353
Highest		1	0	20.89	0.1227	15.34	0.0342
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.74	0.1879	17.19	0.0524
Middle		1	0	22.67	0.1849	17.12	0.0515
Highest		1	0	22.78	0.1897	17.23	0.0528
Lowest	16QAM	1	12	21.91	0.1552	16.36	0.0433
Middle		1	12	21.97	0.1574	16.42	0.0439
Highest		1	12	22.15	0.1641	16.60	0.0457
Lowest	64QAM	1	0	20.93	0.1239	15.38	0.0345
Middle		1	0	20.94	0.1242	15.39	0.0346
Highest		1	0	21.03	0.1268	15.48	0.0353
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.75	0.1884	17.20	0.0525
Middle		1	0	22.65	0.1841	17.10	0.0513
Highest		1	0	22.67	0.1849	17.12	0.0515
Lowest	16QAM	1	0	22.13	0.1633	16.58	0.0455
Middle		1	0	22.05	0.1603	16.50	0.0447
Highest		1	0	22.00	0.1585	16.45	0.0442
Lowest	64QAM	1	25	20.95	0.1245	15.40	0.0347
Middle		1	25	21.08	0.1282	15.53	0.0357
Highest		1	25	20.92	0.1236	15.37	0.0344
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.82	0.1914	17.27	0.0533
Middle		1	0	22.74	0.1879	17.19	0.0524
Highest		1	0	22.68	0.1854	17.13	0.0516
Lowest	16QAM	1	0	22.19	0.1656	16.64	0.0461
Middle		1	0	22.07	0.1611	16.52	0.0449
Highest		1	0	22.09	0.1618	16.54	0.0451
Lowest	64QAM	1	0	21.10	0.1288	15.55	0.0359
Middle		1	0	21.05	0.1274	15.50	0.0355
Highest		1	0	20.98	0.1253	15.43	0.0349
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.95	0.1972	21.97	0.1574
Middle		1	0	22.83	0.1919	21.85	0.1531
Highest		1	0	22.66	0.1845	21.68	0.1472
Lowest	16QAM	1	0	22.32	0.1706	21.34	0.1361
Middle		1	0	22.22	0.1667	21.24	0.1330
Highest		1	0	22.08	0.1614	21.10	0.1288
Lowest	64QAM	1	0	20.98	0.1253	20.00	0.1000
Middle		1	0	21.10	0.1288	20.12	0.1028
Highest		1	0	20.87	0.1222	19.89	0.0975
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.95	0.1972	21.97	0.1574
Middle		1	0	22.85	0.1928	21.87	0.1538
Highest		1	0	22.66	0.1845	21.68	0.1472
Lowest	16QAM	1	49	22.35	0.1718	21.37	0.1371
Middle		1	49	22.24	0.1675	21.26	0.1337
Highest		1	49	22.07	0.1611	21.09	0.1285
Lowest	64QAM	1	0	20.94	0.1242	19.96	0.0991
Middle		1	0	20.73	0.1183	19.75	0.0944
Highest		1	0	20.59	0.1146	19.61	0.0914
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.09	0.2037	22.11	0.1626
Middle		1	0	22.99	0.1991	22.01	0.1589
Highest		1	0	22.90	0.1950	21.92	0.1556
Lowest	16QAM	1	0	22.41	0.1742	21.43	0.1390
Middle		1	0	22.31	0.1702	21.33	0.1358
Highest		1	0	22.25	0.1679	21.27	0.1340
Lowest	64QAM	1	0	20.99	0.1256	20.01	0.1002
Middle		1	0	21.20	0.1318	20.22	0.1052
Highest		1	0	21.11	0.1291	20.13	0.1030
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = -0.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.18	0.2080	22.20	0.1660
Middle		1	0	23.12	0.2051	22.14	0.1637
Highest		1	0	23.08	0.2032	22.10	0.1622
Lowest	16QAM	1	0	22.34	0.1714	21.36	0.1368
Middle		1	0	22.24	0.1675	21.26	0.1337
Highest		1	0	22.20	0.1660	21.22	0.1324
Lowest	64QAM	1	0	20.96	0.1247	19.98	0.0995
Middle		1	0	21.29	0.1346	20.31	0.1074
Highest		1	0	20.78	0.1197	19.80	0.0955
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission****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)
Middle	3744	-54.68	-13	-41.68	-75.61	-61.29	1.68	8.29	H
	5616	-50.81	-13	-37.81	-76.27	-57.86	2.69	9.75	H
	7482	-50.76	-13	-37.76	-77.97	-60.09	2.44	11.76	H
									H
									H
									H
									H
	3744	-55.23	-13	-42.23	-76.17	-61.84	1.68	8.29	V
	5616	-48.30	-13	-35.30	-73.75	-55.35	2.69	9.75	V
	7482	-50.61	-13	-37.61	-78.05	-59.94	2.44	11.76	V
									V
									V
									V
									V

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

**LTE Band 4**

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-54.42	-13	-41.42	-75.18	-60.49	1.58	7.65	H
	5136	-47.06	-13	-34.06	-71.43	-54.34	2.42	9.70	H
	6840	-51.49	-13	-38.49	-78.31	-59.46	2.64	10.61	H
									H
									H
									H
									H
	3420	-53.79	-13	-40.79	-74.66	-59.86	1.58	7.65	V
	5136	-47.84	-13	-34.84	-72.02	-55.12	2.42	9.70	V
	6840	-51.46	-13	-38.46	-78.2	-59.43	2.64	10.61	V
									V
									V
									V
									V
Middle	3450	-53.42	-13	-40.42	-74.29	-59.61	1.59	7.78	H
	5172	-43.73	-13	-30.73	-68.32	-50.99	2.44	9.70	H
	6888	-51.45	-13	-38.45	-78.3	-59.49	2.63	10.67	H
									H
									H
									H
									H
	3450	-51.62	-13	-38.62	-72.46	-57.81	1.59	7.78	V
	5172	-42.11	-13	-29.11	-66.28	-49.37	2.44	9.70	V
	6888	-51.24	-13	-38.24	-78.08	-59.28	2.63	10.67	V
									V
									V
									V
									V



Highest	3474	-54.36	-13	-41.36	-75.44	-60.65	1.60	7.89	H
	5208	-52.12	-13	-39.12	-76.58	-59.36	2.46	9.70	H
	6942	-51.11	-13	-38.11	-78.05	-59.23	2.61	10.73	H
									H
									H
									H
									H
	3474	-52.72	-13	-39.72	-73.69	-59.01	1.60	7.89	V
	5208	-50.96	-13	-37.96	-75.29	-58.2	2.46	9.70	V
	6942	-50.99	-13	-37.99	-77.95	-59.11	2.61	10.73	V
									V
									V
									V
									V

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

**LTE Band 5**

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-62.63	-13	-49.63	-74.96	-64.39	0.98	4.89	H
	2472	-55.59	-13	-42.59	-73.12	-57.47	1.28	5.32	H
	3296	-57.77	-13	-44.77	-77.37	-61.18	1.54	7.10	H
									H
									H
									H
									H
	1648	-61.60	-13	-48.60	-74.4	-63.36	0.98	4.89	V
	2472	-56.12	-13	-43.12	-74.09	-58	1.28	5.32	V
	3296	-57.45	-13	-44.45	-77.38	-60.86	1.54	7.10	V
									V
									V
									V
									V
Middle	1664	-62.75	-13	-49.75	-75.23	-64.456	0.98	4.84	H
	2496	-52.67	-13	-39.67	-70.26	-54.62	1.29	5.39	H
	3328	-57.67	-13	-44.67	-77.45	-61.21	1.55	7.24	H
									H
									H
									H
									H
	1664	-62.37	-13	-49.37	-75.32	-64.08	0.98	4.84	V
	2496	-54.44	-13	-41.44	-72.48	-56.39	1.29	5.39	V
	3328	-57.70	-13	-44.70	-77.73	-61.24	1.55	7.24	V
									V
									V
									V
									V



Highest	1680	-54.05	-13	-41.05	-66.67	-55.7	0.99	4.80	H
	2520	-32.31	-13	-19.31	-49.91	-34.28	1.30	5.42	H
	3360	-58.14	-13	-45.14	-78.1	-61.81	1.56	7.38	H
									H
									H
									H
									H
	1680	-57.53	-13	-44.53	-70.61	-59.18	0.99	4.80	V
	2520	-32.91	-13	-19.91	-50.97	-34.88	1.30	5.42	V
	3360	-57.72	-13	-44.72	-77.84	-61.39	1.56	7.38	V
									V
									V
									V
									V

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

**LTE Band 26**

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-61.40	-13	-48.40	-73.59	-63.21	0.97	4.93	H
	2440	-39.65	-13	-26.65	-57.02	-41.45	1.27	5.22	H
	3256	-57.90	-13	-44.90	-77.34	-61.149	1.53	6.93	H
									H
									H
									H
									H
	1632	-61.84	-13	-48.84	-74.51	-63.65	0.97	4.93	V
	2440	-42.22	-13	-29.22	-60.03	-44.02	1.27	5.22	V
	3256	-57.44	-13	-44.44	-77.28	-60.69	1.53	6.93	V
									V
									V
									V
									V
Middle	1656	-60.95	-13	-47.95	-73.43	-62.68	0.98	4.86	H
	2488	-35.66	-13	-22.66	-53.26	-37.59	1.29	5.36	H
	4144	-55.05	-13	-42.05	-75.9	-59.68	1.84	8.63	H
									H
									H
									H
									H
	1656	-62.49	-13	-49.49	-75.44	-64.22	0.98	4.86	V
	2488	-34.23	-13	-21.23	-52.28	-36.16	1.29	5.36	V
	4144	-54.50	-13	-41.50	-75.49	-59.13	1.84	8.63	V
									V
									V
									V
									V



Highest	1688	-62.59	-13	-49.59	-75.21	-64.22	1.00	4.77	H
	2536	-41.49	-13	-28.49	-59.11	-43.47	1.30	5.43	H
	3376	-57.41	-13	-44.41	-77.45	-61.15	1.57	7.45	H
									H
									H
									H
									H
	1688	-61.60	-13	-48.60	-74.68	-63.23	1.00	4.77	V
	2536	-45.63	-13	-32.63	-63.74	-47.61	1.30	5.43	V
	3376	-57.61	-13	-44.61	-77.78	-61.35	1.57	7.45	V
									V
									V
									V
									V

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



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-62.89	-13	-49.89	-75.08	-64.7	0.97	4.93	H
	2448	-44.01	-13	-31.01	-61.38	-45.83	1.27	5.24	H
	3256	-57.93	-13	-44.93	-77.37	-61.18	1.53	6.93	H
									H
									H
									H
									H
	1632	-61.88	-13	-48.88	-77.2	-63.69	0.97	4.93	V
	2448	-45.53	-13	-32.53	-63.34	-47.35	1.27	5.24	V
	3256	-57.36	-13	-44.36	-74.55	-60.61	1.53	6.93	V
									V
									V
									V
									V
Middle	1648	-62.68	-13	-49.68	-75.01	-64.44	0.98	4.89	H
	2472	-43.56	-13	-30.56	-61.09	-45.44	1.28	5.32	H
	3296	-58.02	-13	-45.02	-77.62	-61.43	1.54	7.10	H
									H
									H
									H
									H
	1648	-61.99	-13	-48.99	-74.79	-63.75	0.98	4.89	V
	2472	-43.10	-13	-30.10	-61.07	-44.98	1.28	5.32	V
	3296	-57.81	-13	-44.81	-77.74	-61.22	1.54	7.10	V
									V
									V
									V
									V



Highest	1672	-61.51	-13	-48.51	-74.13	-63.19	0.99	4.82	H
	2504	-44.75	-13	-31.75	-62.34	-46.71	1.29	5.40	H
	3336	-57.77	-13	-44.77	-77.55	-61.35	1.55	7.28	H
									H
									H
									H
									H
	1672	-62.36	-13	-49.36	-75.44	-64.04	0.99	4.82	V
	2504	-44.61	-13	-31.61	-62.65	-46.57	1.29	5.40	V
	3336	-57.75	-13	-44.75	-77.78	-61.33	1.55	7.28	V
									V
									V
									V
									V

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

**LTE Band 7**

LTE Band 7 / 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	4998	-54.03	-25	-29.03	-78.08	-61.39	2.34	9.70	H
	7500	-50.88	-25	-25.88	-78.04	-60.25	2.43	11.80	H
	10008	-45.69	-25	-20.69	-77.36	-55.2	2.70	12.20	H
									H
									H
									H
									H
	4998	-54.03	-25	-29.03	-77.9	-61.39	2.34	9.70	V
	7500	-50.49	-25	-25.49	-77.84	-59.86	2.43	11.80	V
	10008	-45.85	-25	-20.85	-77.44	-55.36	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-53.91	-25	-28.91	-77.97	-61.24	2.37	9.70	H
	7572	-50.04	-25	-25.04	-77.49	-59.48	2.41	11.84	H
	10098	-45.68	-25	-20.68	-77.53	-55.22	2.70	12.24	H
									H
									H
									H
									H
	5052	-53.34	-25	-28.34	-77.21	-60.67	2.37	9.70	V
	7572	-49.67	-25	-24.67	-77.4	-59.11	2.41	11.84	V
	10098	-45.61	-25	-20.61	-77.41	-55.15	2.70	12.24	V
									V
									V
									V
									V



Highest	5100	-53.75	-25	-28.75	-77.91	-61.06	2.39	9.70	H
	7650	-48.97	-25	-23.97	-76.62	-58.48	2.38	11.89	H
	10206	-45.73	-25	-20.73	-77.97	-55.32	2.70	12.28	H
									H
									H
									H
									H
	5100	-53.94	-25	-28.94	-77.97	-61.25	2.39	9.70	V
	7650	-48.71	-25	-23.71	-76.69	-58.22	2.38	11.89	V
	10206	-46.05	-25	-21.05	-78.24	-55.64	2.70	12.28	V
									V
									V
									V
									V

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

**LTE Band 38**

LTE Band 38 / 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	5142	-52.61	-25	-27.61	-76.93	-59.89	2.42	9.70	H
	7716	-46.54	-25	-21.54	-74.36	-56.11	2.36	11.93	H
	10278	-45.53	-25	-20.53	-77.83	-55.15	2.69	12.31	H
									H
									H
									H
									H
	5142	-53.61	-25	-28.61	-77.78	-60.89	2.42	9.70	V
	7716	-45.39	-25	-20.39	-73.44	-54.96	2.36	11.93	V
	10278	-45.24	-25	-20.24	-77.5	-54.86	2.69	12.31	V
									V
									V
									V
									V
Middle	5172	-52.95	-25	-27.95	-77.29	-60.21	2.44	9.70	H
	7752	-49.22	-25	-24.22	-76.93	-58.82	2.35	11.95	H
	10332	-45.93	-25	-20.93	-78.46	-55.57	2.69	12.33	H
									H
									H
									H
									H
	5172	-52.03	-25	-27.03	-76.34	-59.29	2.44	9.70	V
	7752	-49.07	-25	-24.07	-77.14	-58.67	2.35	11.95	V
	10332	-46.17	-25	-21.17	-78.53	-55.81	2.69	12.33	V
									V
									V
									V
									V



Highest	5202	-53.53	-25	-28.53	-77.91	-60.78	2.45	9.70	H
	7806	-49.41	-25	-24.41	-77.46	-59.06	2.33	11.98	H
	10404	-45.71	-25	-20.71	-78.44	-55.38	2.69	12.36	H
									H
									H
									H
									H
	5202	-52.51	-25	-27.51	-76.68	-59.76	2.45	9.70	V
	7806	-47.35	-25	-22.35	-75.64	-57	2.33	11.98	V
	10404	-45.97	-25	-20.97	-78.49	-55.64	2.69	12.36	V
									V
									V
									V
									V

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

**LTE Band 41**

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5070	-54.42	-25	-29.42	-78.23	-61.74	2.38	9.70	H
	7605	-50.44	-25	-25.44	-77.73	-59.91	2.40	11.86	H
	10140	-45.71	-25	-20.71	-77.42	-55.27	2.70	12.26	H
									H
									H
									H
									H
	5070	-54.56	-25	-29.56	-78.17	-61.88	2.38	9.70	V
	7605	-49.24	-25	-24.24	-76.79	-58.71	2.40	11.86	V
	10140	-45.68	-25	-20.68	-77.34	-55.24	2.70	12.26	V
									V
									V
									V
									V
Middle	5172	-53.63	-25	-28.63	-77.93	-60.89	2.44	9.70	H
	7758	-48.16	-25	-23.16	-76.09	-57.77	2.35	11.95	H
	10332	-45.91	-25	-20.91	-78.41	-55.55	2.69	12.33	H
									H
									H
									H
									H
	5172	-54.13	-25	-29.13	-78.23	-61.39	2.44	9.70	V
	7758	-44.76	-25	-19.76	-73.01	-54.37	2.35	11.95	V
	10332	-45.88	-25	-20.88	-78.22	-55.52	2.69	12.33	V
									V
									V
									V
									V



Highest	5274	-51.81	-25	-26.81	-76.39	-59.02	2.49	9.70	H
	7908	-47.39	-25	-22.39	-75.63	-57.14	2.30	12.04	H
	10548	-45.53	-25	-20.53	-78.48	-55.25	2.69	12.41	H
									H
									H
									H
									H
	5274	-49.17	-25	-24.17	-73.63	-56.38	2.49	9.70	V
	7908	-46.48	-25	-21.48	-75.08	-56.23	2.30	12.04	V
	10548	-45.56	-25	-20.56	-78.41	-55.28	2.69	12.41	V
									V
									V
									V
									V

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