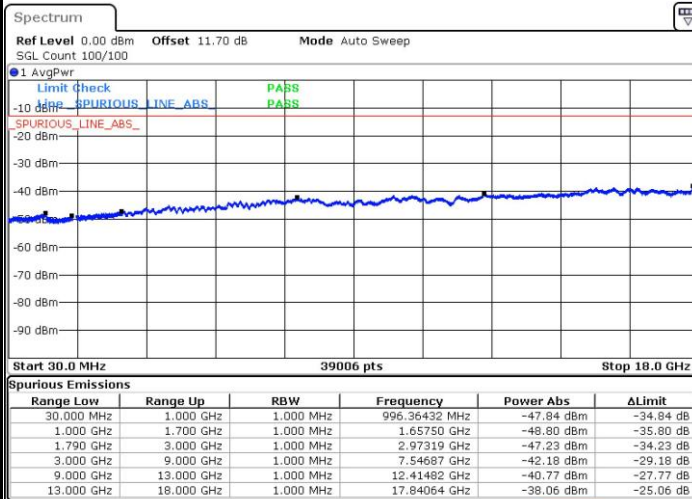




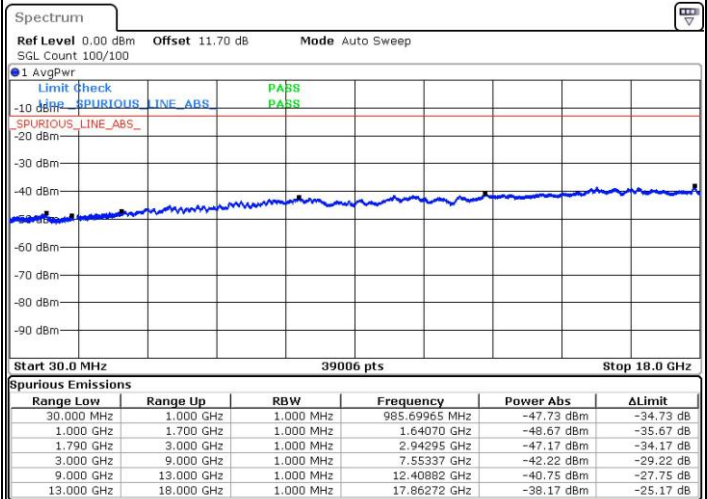
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 28 SEP.2018 02:21:01

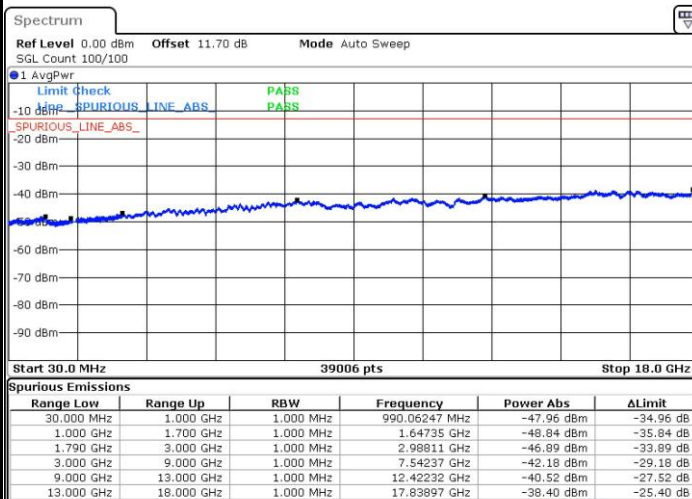
Highest Channel / 16QAM



Date: 28 SEP.2018 02:21:57

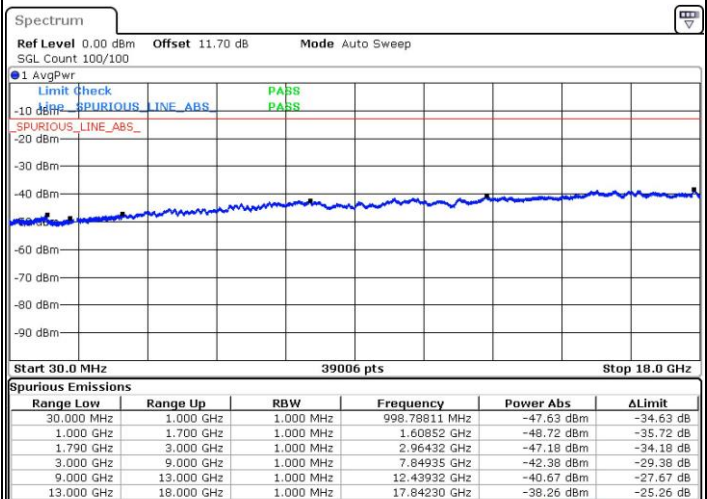
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 28 SEP.2018 02:36:55

Lowest Channel / 16QAM

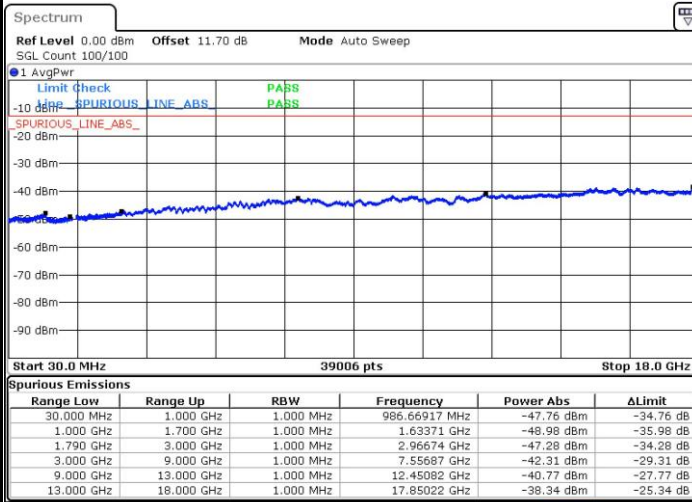


Date: 28 SEP.2018 02:37:51



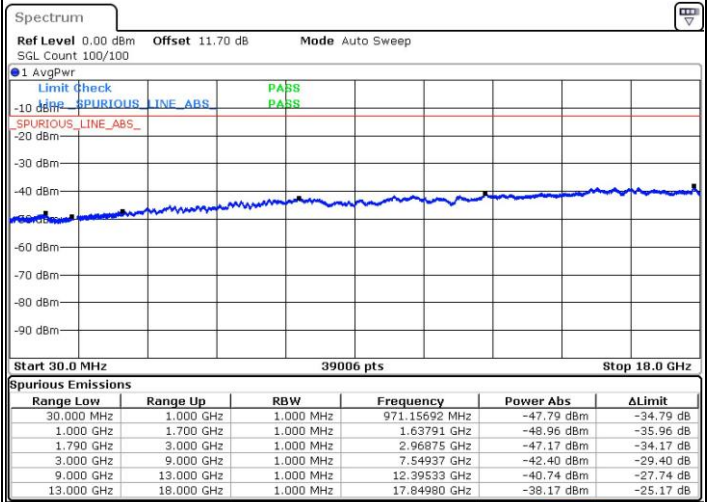
LTE Band 66 / 3MHz

Middle Channel / QPSK



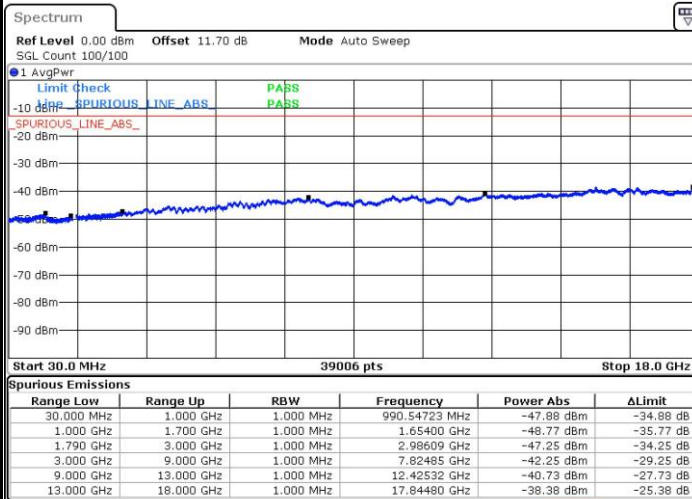
Date: 28 SEP 2018 02:39:33

Middle Channel / 16QAM



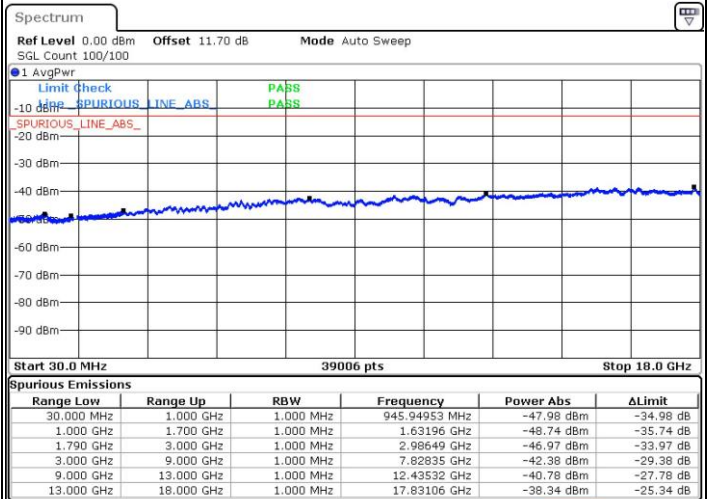
Date: 28 SEP 2018 02:40:29

Highest Channel / QPSK



Date: 28 SEP 2018 02:46:51

Highest Channel / 16QAM

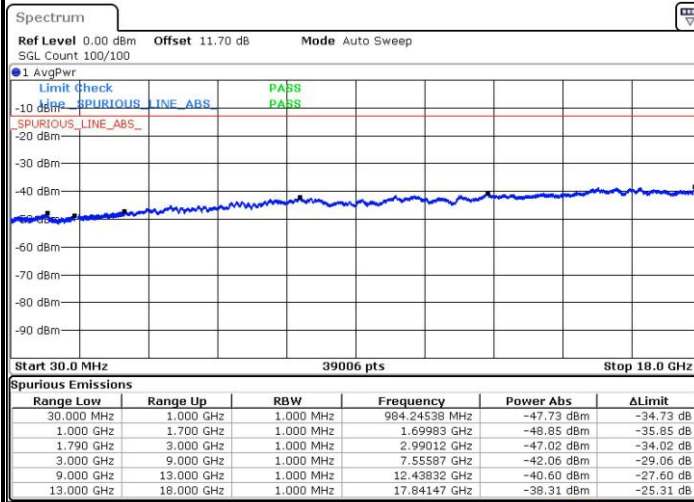


Date: 28 SEP 2018 02:47:47



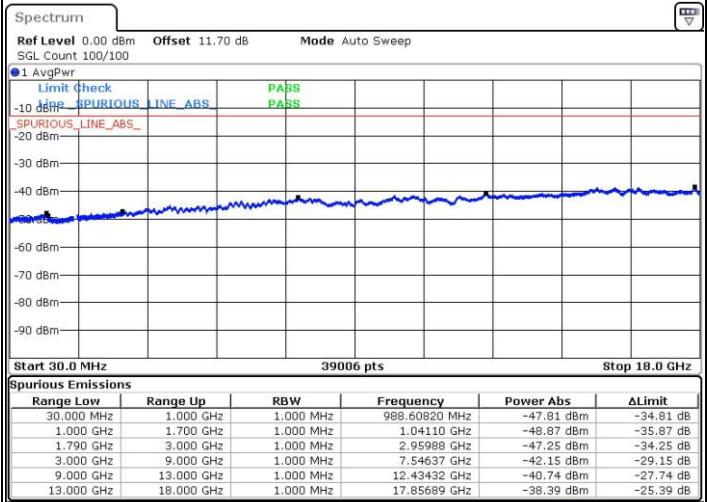
LTE Band 66 / 5MHz

Lowest Channel / QPSK



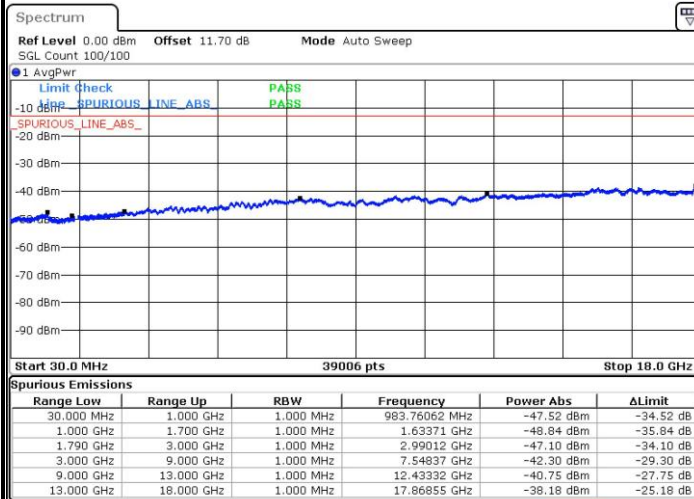
Date: 28 SEP 2018 02:54:08

Lowest Channel / 16QAM



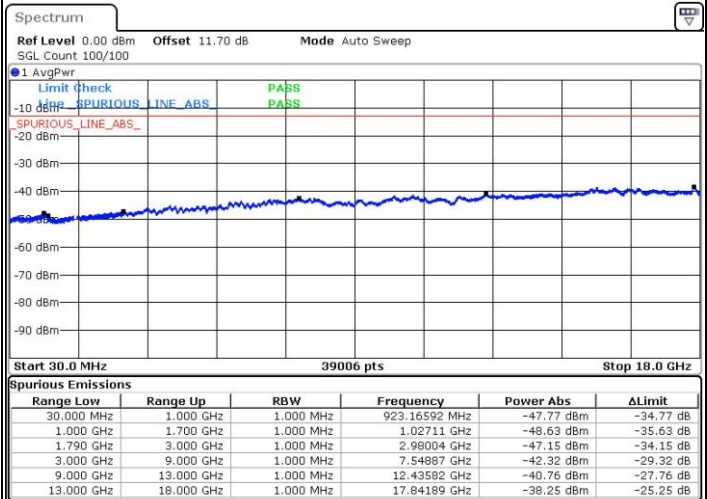
Date: 28 SEP 2018 02:55:04

Middle Channel / QPSK



Date: 28 SEP 2018 02:56:46

Middle Channel / 16QAM

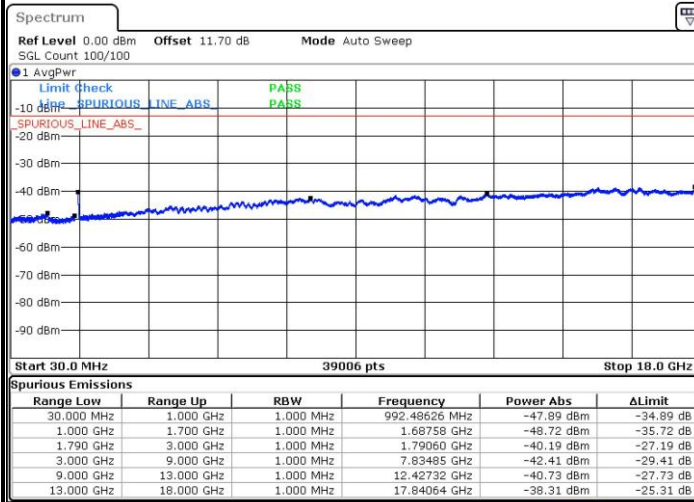


Date: 28 SEP 2018 02:57:42



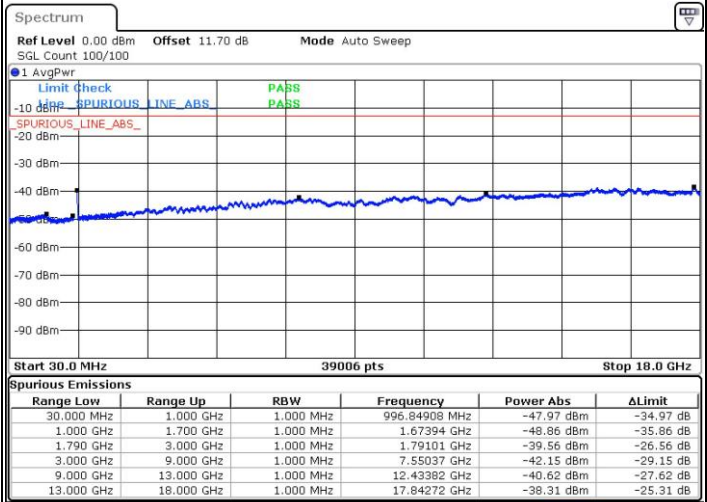
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 28 SEP 2018 03:04:12

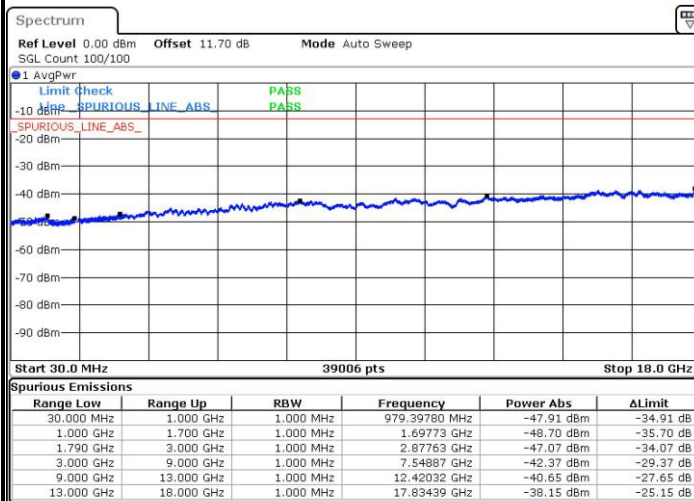
Highest Channel / 16QAM



Date: 28 SEP 2018 03:05:12

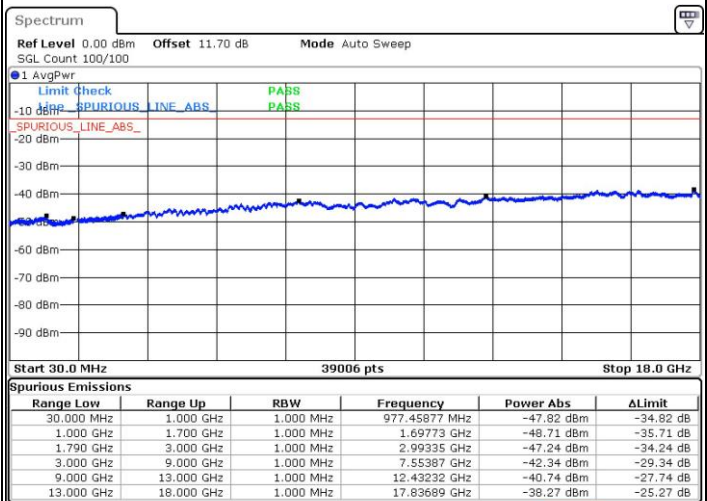
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 28 SEP 2018 03:27:01

Lowest Channel / 16QAM

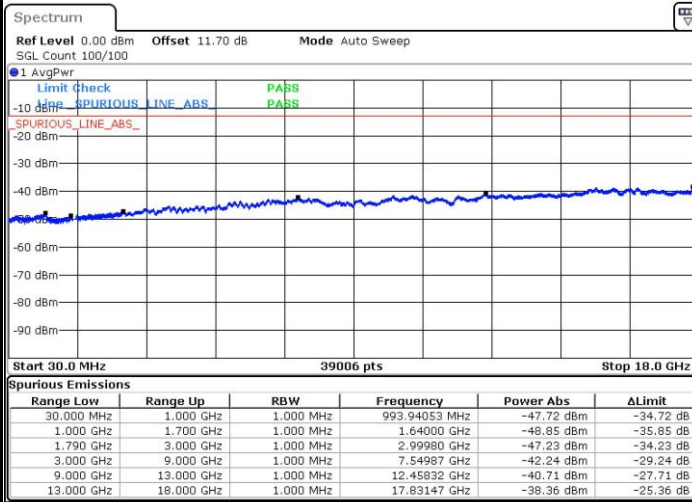


Date: 28 SEP 2018 03:27:58



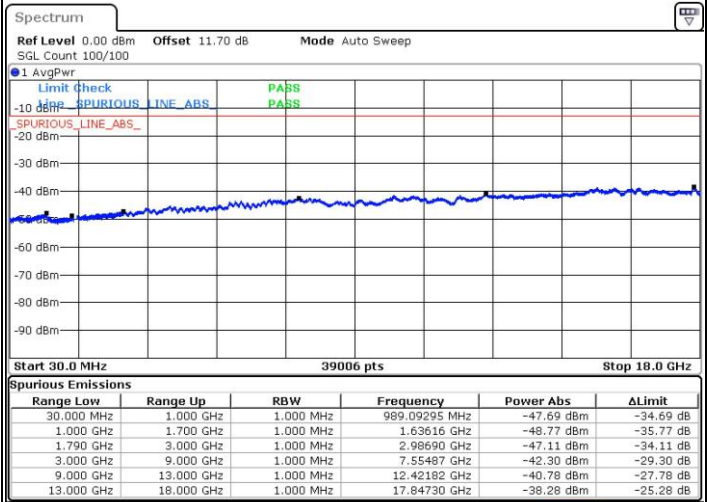
LTE Band 66 / 10MHz

Middle Channel / QPSK



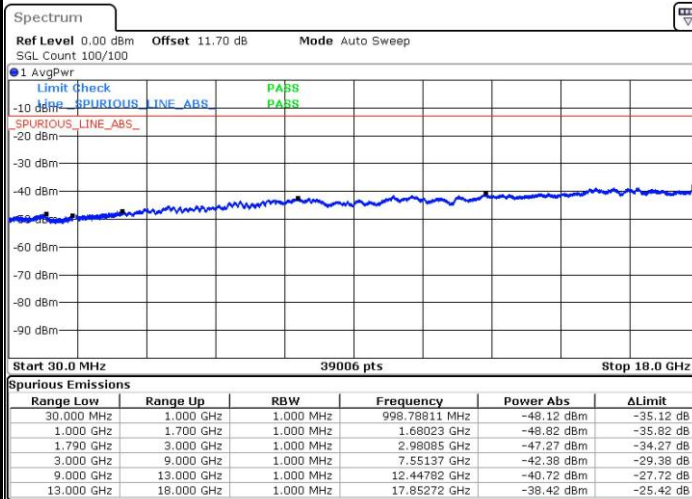
Date: 28 SEP 2018 03:29:39

Middle Channel / 16QAM



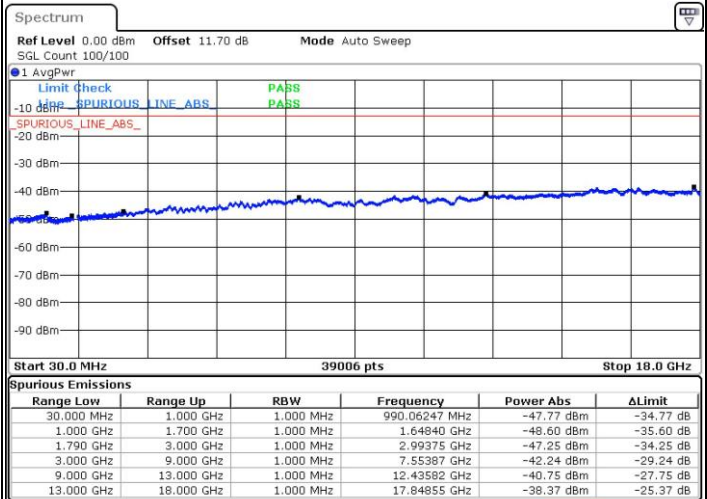
Date: 28 SEP 2018 03:30:35

Highest Channel / QPSK



Date: 28 SEP 2018 03:36:56

Highest Channel / 16QAM

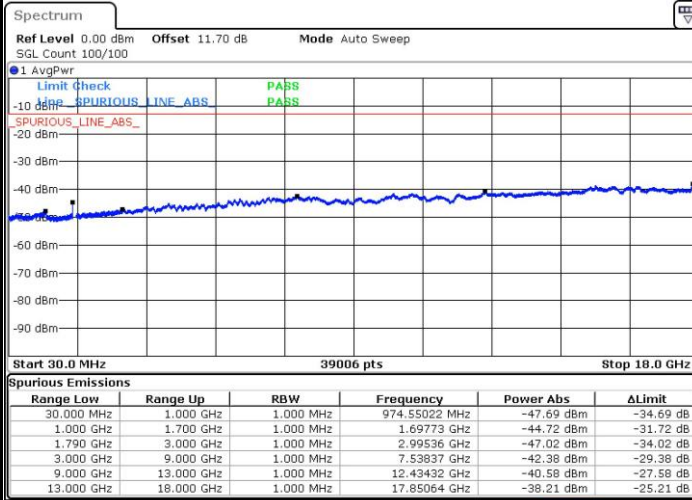


Date: 28 SEP 2018 03:37:52



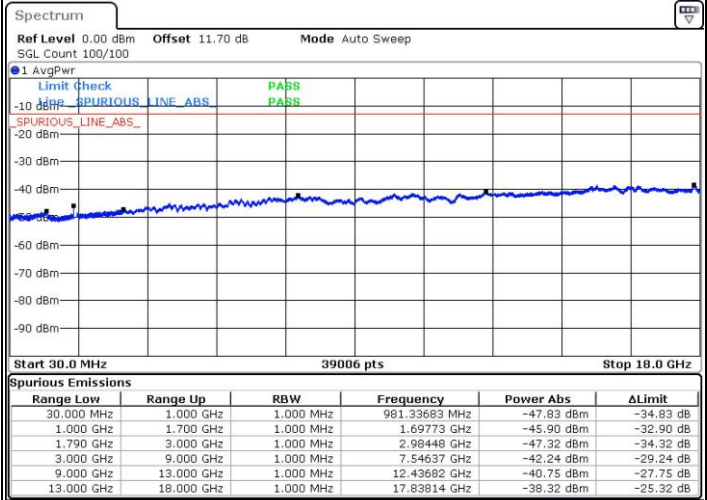
LTE Band 66 / 15MHz

Lowest Channel / QPSK



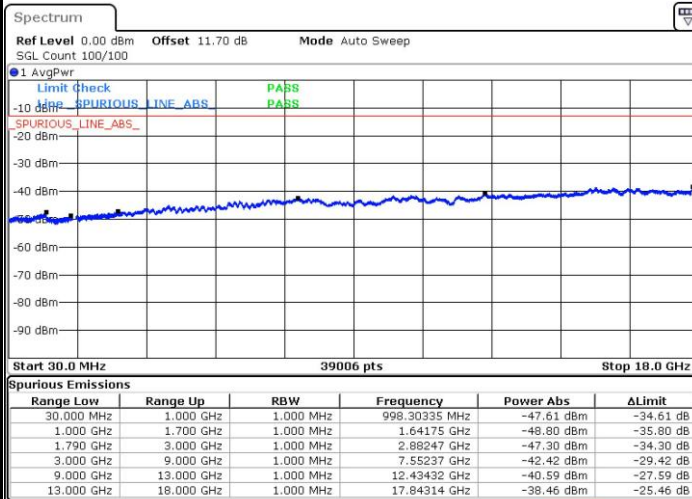
Date: 28 SEP 2018 03:44:14

Lowest Channel / 16QAM



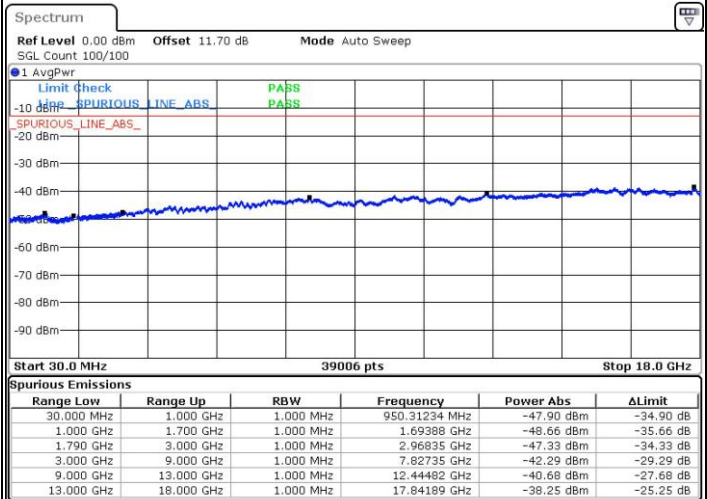
Date: 28 SEP 2018 03:45:10

Middle Channel / QPSK



Date: 28 SEP 2018 03:46:52

Middle Channel / 16QAM

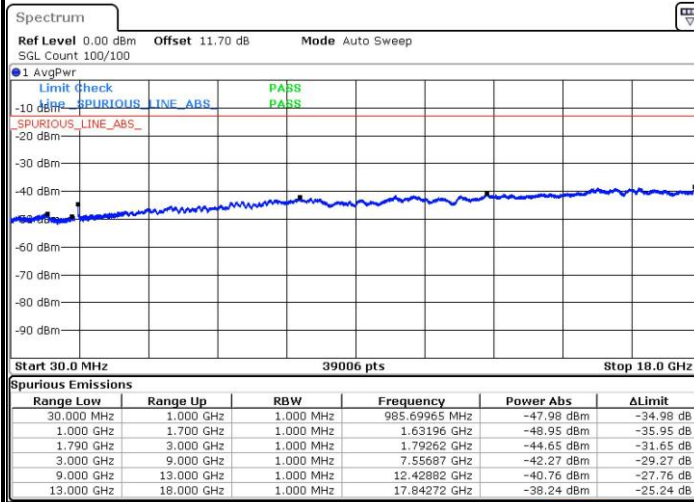


Date: 28 SEP 2018 03:47:48



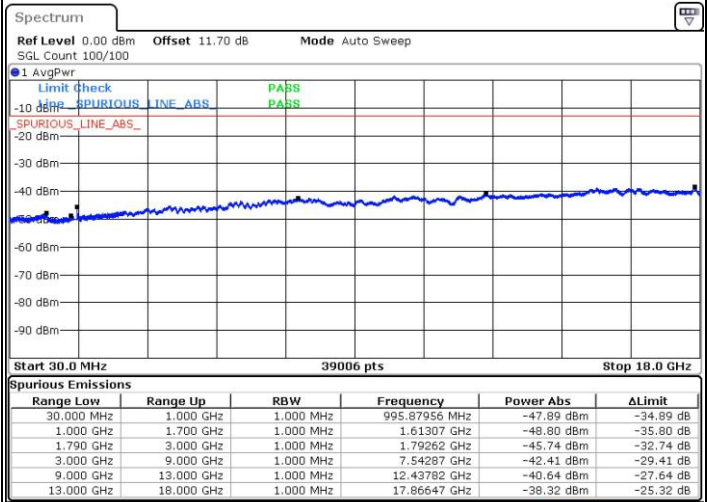
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 28 SEP 2018 03:54:10

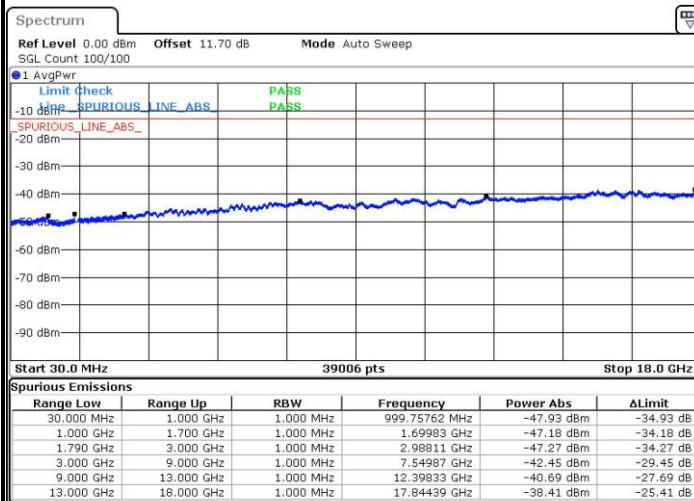
Highest Channel / 16QAM



Date: 28 SEP 2018 03:55:06

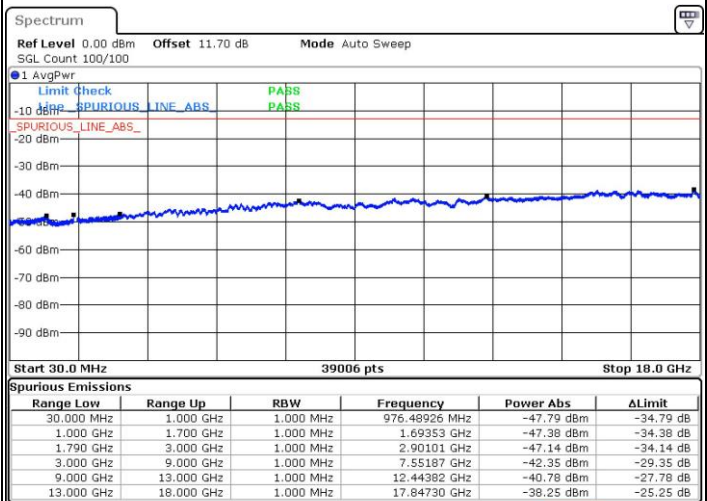
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 28 SEP 2018 04:01:28

Lowest Channel / 16QAM

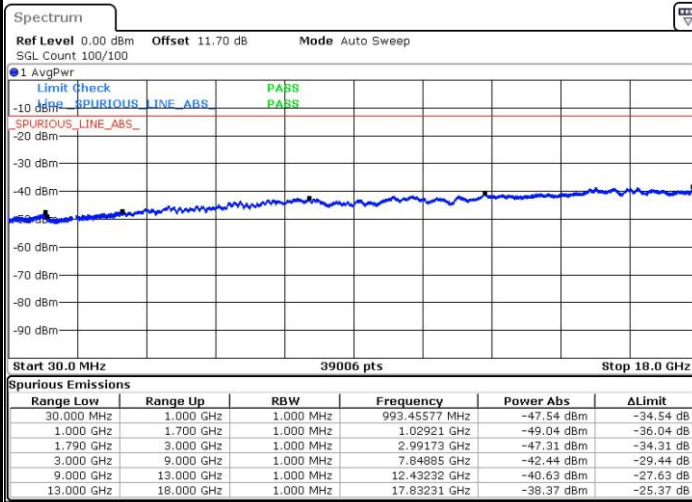


Date: 28 SEP 2018 04:02:24



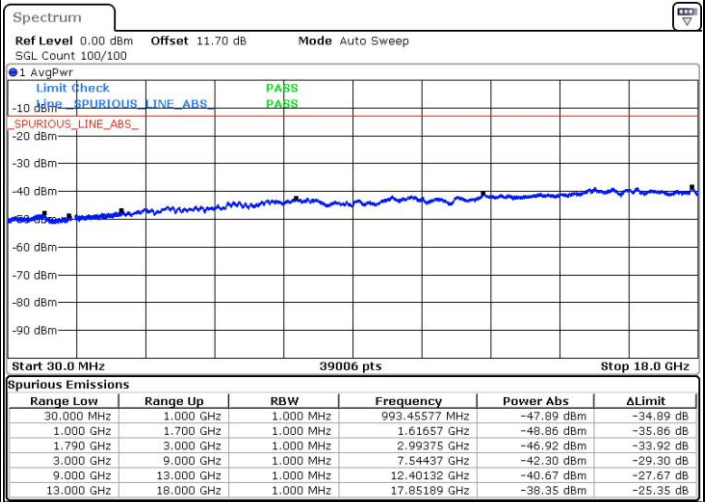
LTE Band 66 / 20MHz

Middle Channel / QPSK



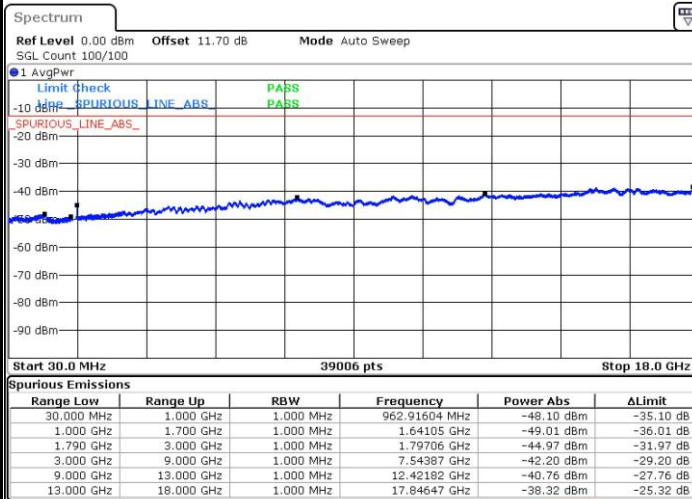
Date: 28 SEP 2018 04:04:06

Middle Channel / 16QAM



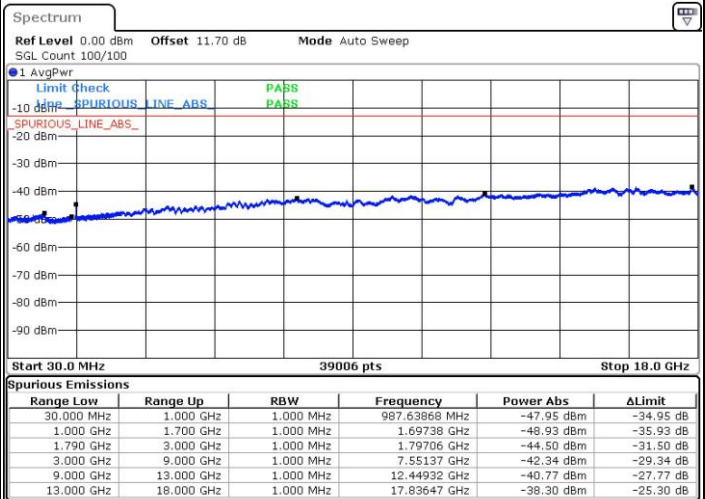
Date: 28 SEP 2018 04:05:02

Highest Channel / QPSK



Date: 28 SEP 2018 04:11:23

Highest Channel / 16QAM

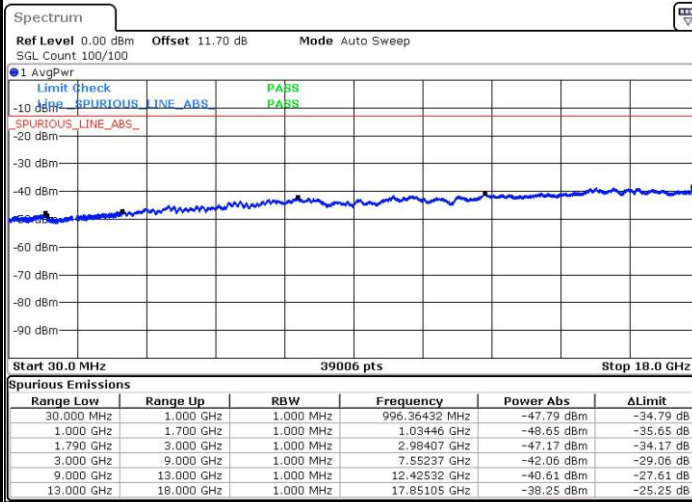


Date: 28 SEP 2018 04:12:19



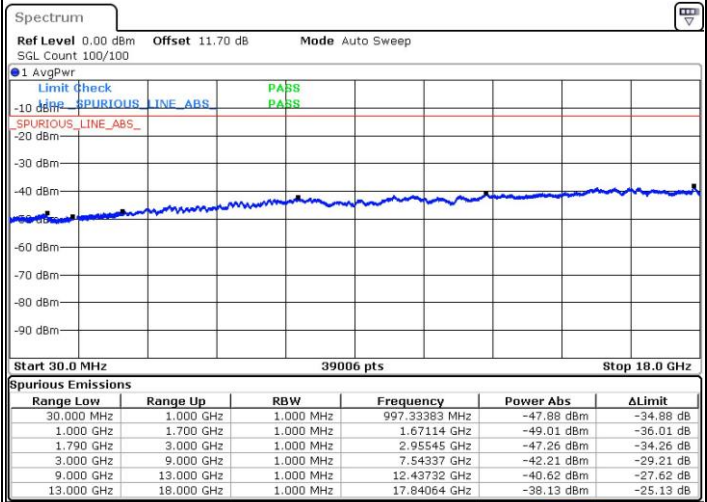
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



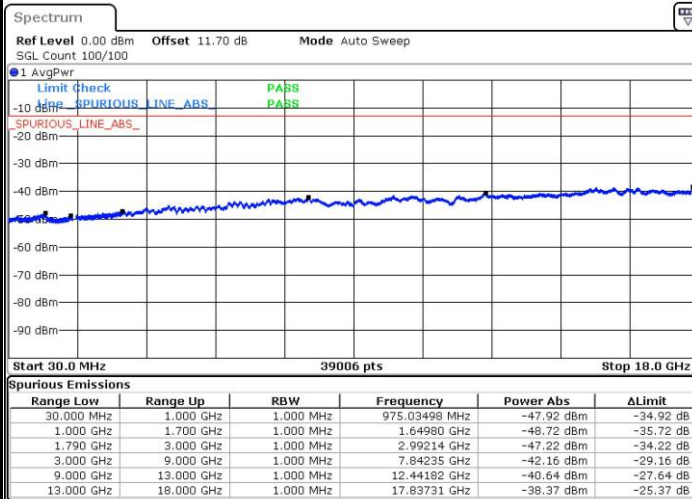
Date: 28 SEP.2018 02:25:36

Middle Channel / 64QAM



Date: 28 SEP.2018 02:26:55

Highest Channel / 64QAM

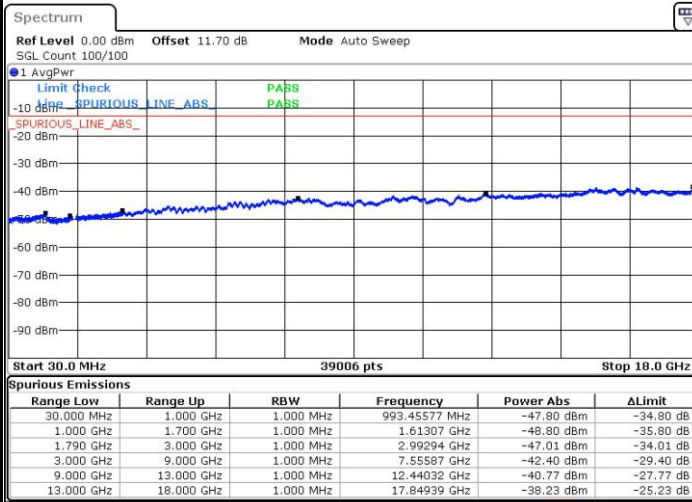


Date: 28 SEP.2018 02:30:33



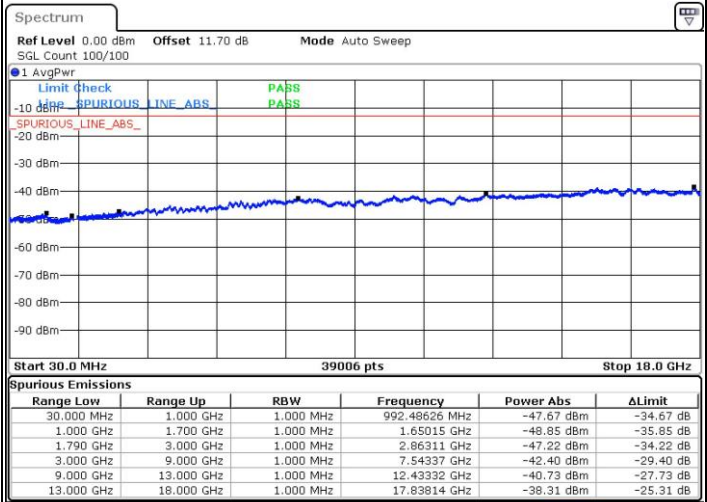
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



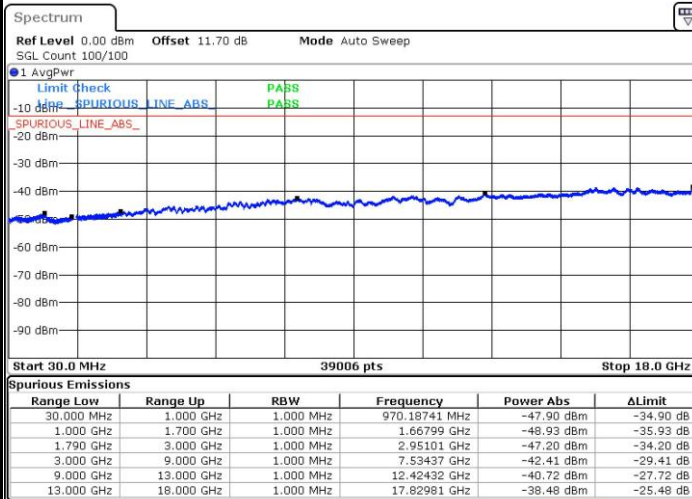
Date: 28 SEP.2018 04:15:59

Middle Channel / 64QAM



Date: 28 SEP.2018 04:17:18

Highest Channel / 64QAM

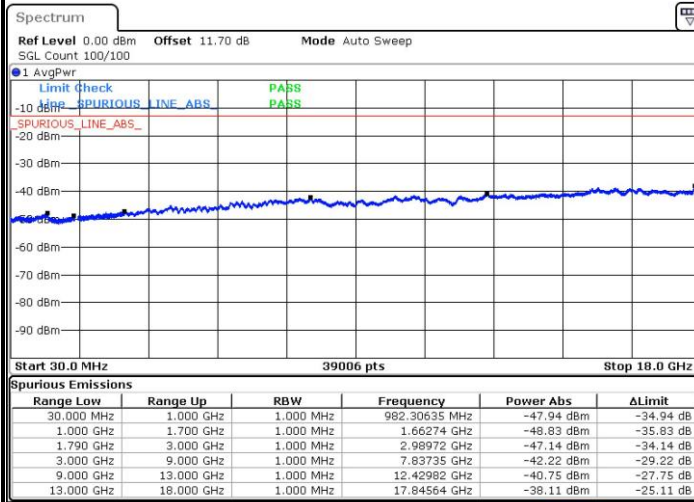


Date: 28 SEP.2018 04:20:57



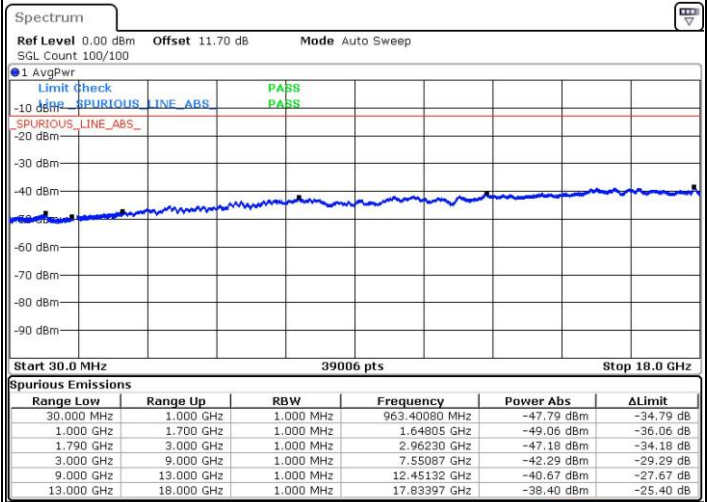
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



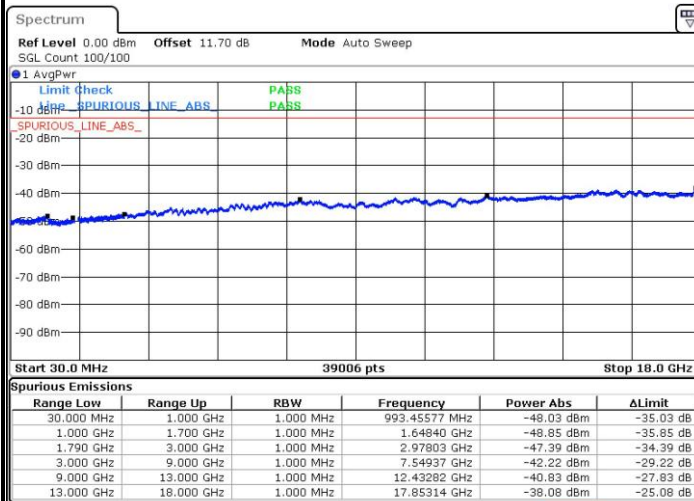
Date: 28 SEP 2018 04:24:36

Middle Channel / 64QAM



Date: 28 SEP 2018 04:25:55

Highest Channel / 64QAM

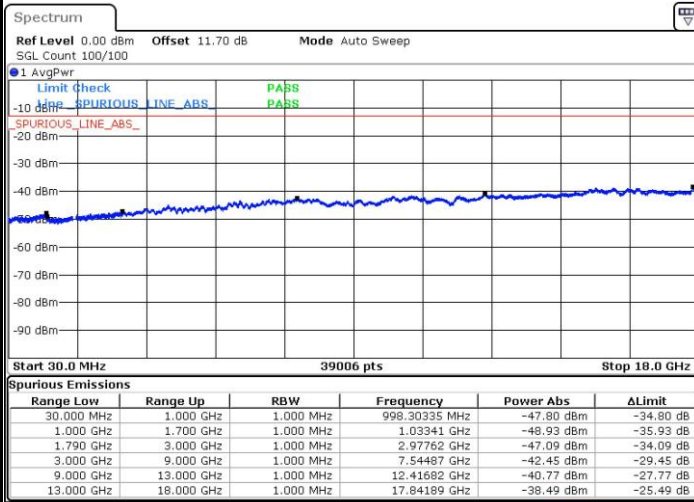


Date: 28 SEP 2018 04:29:33



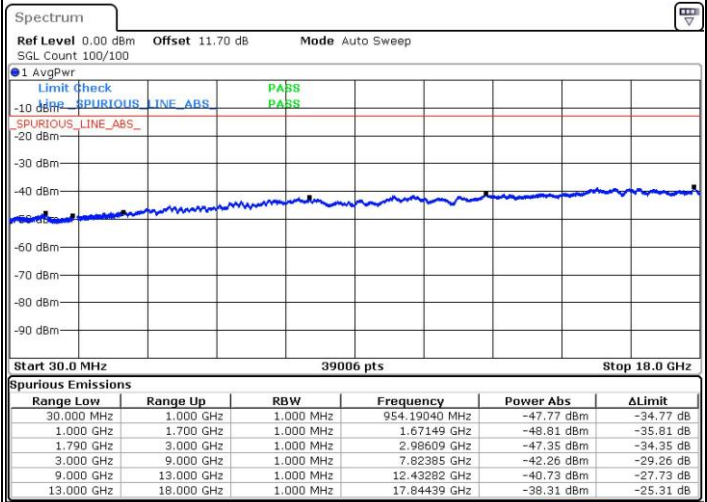
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



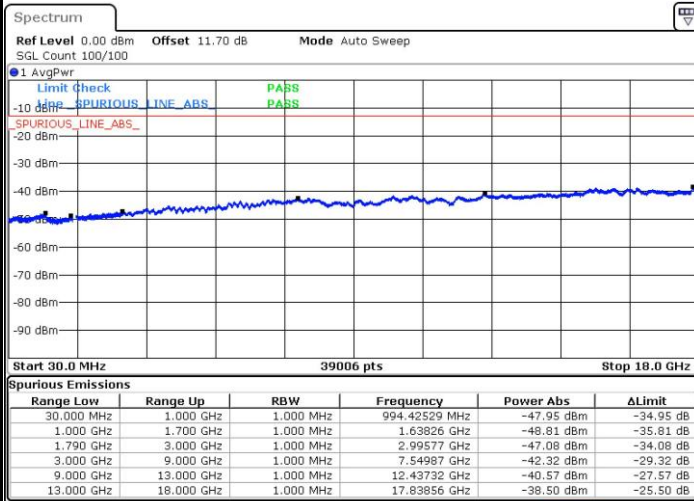
Date: 28 SEP 2018 04:33:12

Middle Channel / 64QAM



Date: 28 SEP 2018 04:34:31

Highest Channel / 64QAM

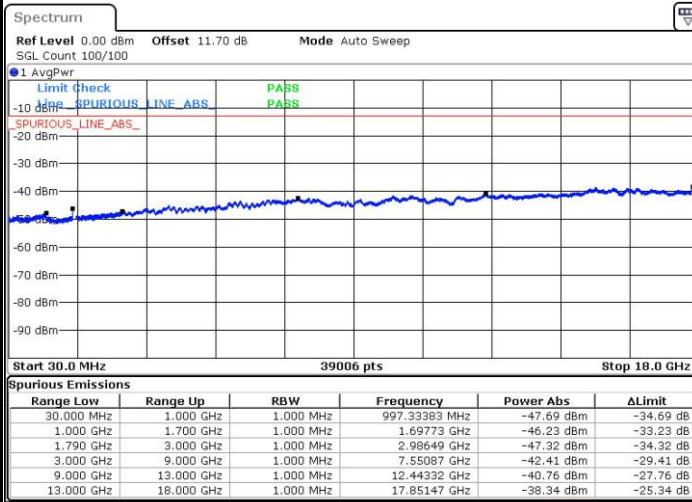


Date: 28 SEP 2018 04:38:10



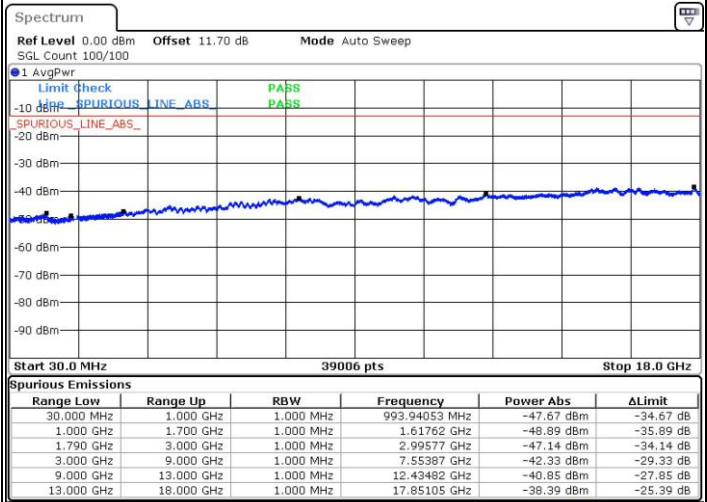
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



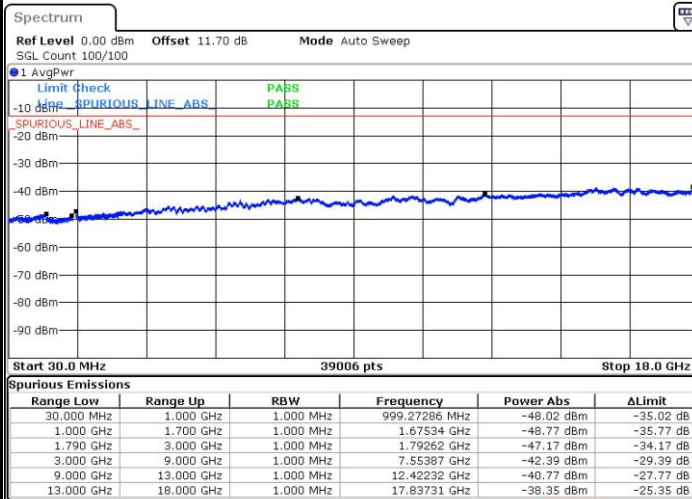
Date: 28 SEP.2018 04:41:49

Middle Channel / 64QAM



Date: 28 SEP.2018 04:43:08

Highest Channel / 64QAM

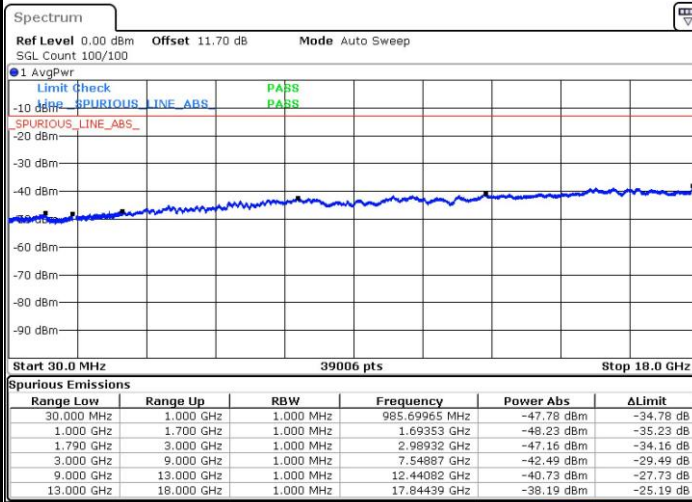


Date: 28 SEP.2018 04:46:47



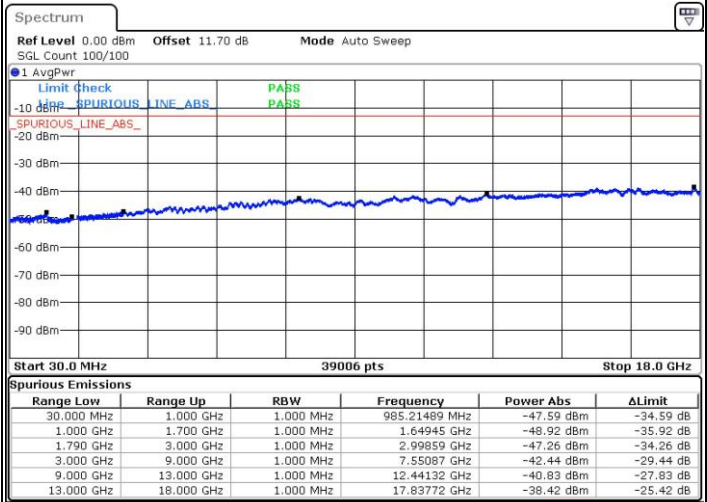
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



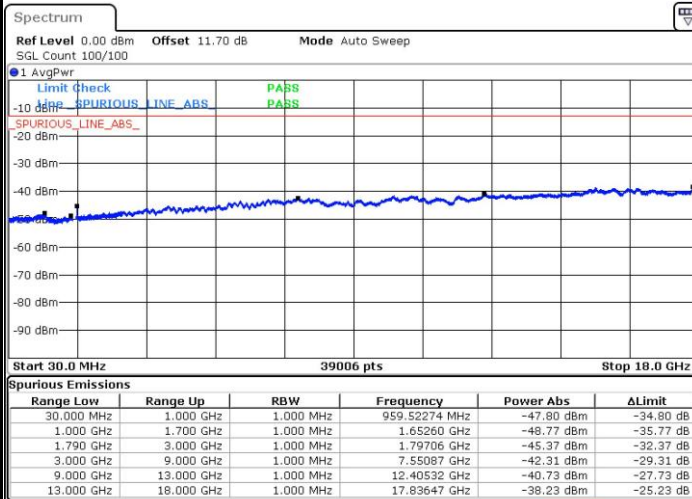
Date: 28 SEP 2018 04:50:26

Middle Channel / 64QAM



Date: 28 SEP 2018 04:51:44

Highest Channel / 64QAM



Date: 28 SEP 2018 04:55:23

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	0.0050	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0052	

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	22.31	0.1702	19.91	0.0979
Middle		3	1	22.37	0.1726	19.97	0.0993
Highest		3	1	22.23	0.1671	19.83	0.0962
Lowest	16QAM	1	3	21.70	0.1479	19.30	0.0851
Middle		1	3	21.80	0.1514	19.40	0.0871
Highest		1	3	21.43	0.1390	19.03	0.0800
Lowest	64QAM	1	0	21.26	0.1337	18.86	0.0769
Middle		1	0	21.79	0.1510	19.39	0.0869
Highest		1	0	21.65	0.1462	19.25	0.0841
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	14	22.18	0.1652	19.78	0.0951
Middle		1	14	22.41	0.1742	20.01	0.1002
Highest		1	14	22.20	0.1660	19.80	0.0955
Lowest	16QAM	1	0	21.29	0.1346	18.89	0.0774
Middle		1	0	21.82	0.1521	19.42	0.0875
Highest		1	0	21.36	0.1368	18.96	0.0787
Lowest	64QAM	1	0	21.41	0.1384	19.01	0.0796
Middle		1	0	21.50	0.1413	19.10	0.0813
Highest		1	0	21.41	0.1384	19.01	0.0796
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	0	22.18	0.1652	19.78	0.0951
Middle		1	0	22.31	0.1702	19.91	0.0979
Highest		1	0	22.26	0.1683	19.86	0.0968
Lowest	16QAM	1	12	21.58	0.1439	19.18	0.0828
Middle		1	12	22.00	0.1585	19.60	0.0912
Highest		1	12	21.37	0.1371	18.97	0.0789
Lowest	64QAM	1	24	21.58	0.1439	19.18	0.0828
Middle		1	24	21.79	0.1510	19.39	0.0869
Highest		1	24	21.54	0.1426	19.14	0.0820
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	49	22.15	0.1641	19.75	0.0944
Middle		1	49	22.36	0.1722	19.96	0.0991
Highest		1	49	22.19	0.1656	19.79	0.0953
Lowest	16QAM	1	49	21.38	0.1374	18.98	0.0791
Middle		1	49	21.73	0.1489	19.33	0.0857
Highest		1	49	21.71	0.1483	19.31	0.0853
Lowest	64QAM	1	49	21.30	0.1349	18.90	0.0776
Middle		1	49	21.78	0.1507	19.38	0.0867
Highest		1	49	21.30	0.1349	18.90	0.0776
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	0	22.17	0.1648	19.77	0.0948
Middle		1	0	22.39	0.1734	19.99	0.0998
Highest		1	0	22.19	0.1656	19.79	0.0953
Lowest	16QAM	1	74	21.55	0.1429	19.15	0.0822
Middle		1	74	21.94	0.1563	19.54	0.0899
Highest		1	74	21.19	0.1315	18.79	0.0757
Lowest	64QAM	1	74	21.59	0.1442	19.19	0.0830
Middle		1	74	21.91	0.1552	19.51	0.0893
Highest		1	74	21.01	0.1262	18.61	0.0726
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	22.23	0.1671	19.83	0.0962
Middle		1	0	22.47	0.1766	20.07	0.1016
Highest		1	0	22.34	0.1714	19.94	0.0986
Lowest	16QAM	1	99	21.38	0.1374	18.98	0.0791
Middle		1	99	21.93	0.1560	19.53	0.0897
Highest		1	99	21.71	0.1483	19.31	0.0853
Lowest	64QAM	1	99	21.71	0.1483	19.31	0.0853
Middle		1	99	21.89	0.1545	19.49	0.0889
Highest		1	99	21.50	0.1413	19.10	0.0813
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	3	22.56	0.1803	20.86	0.1219
Middle		1	3	22.43	0.1750	20.73	0.1183
Highest		1	3	22.29	0.1694	20.59	0.1146
Lowest	16QAM	1	0	21.65	0.1462	19.95	0.0989
Middle		1	0	21.39	0.1377	19.69	0.0931
Highest		1	0	21.36	0.1368	19.66	0.0925
Lowest	64QAM	1	3	21.72	0.1486	20.02	0.1005
Middle		1	3	21.70	0.1479	20.00	0.1000
Highest		1	3	21.51	0.1416	19.81	0.0957
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	8	22.47	0.1766	20.77	0.1194
Middle		1	8	22.52	0.1786	20.82	0.1208
Highest		1	8	22.36	0.1722	20.66	0.1164
Lowest	16QAM	1	14	21.85	0.1531	20.15	0.1035
Middle		1	14	21.91	0.1552	20.21	0.1050
Highest		1	14	21.73	0.1489	20.03	0.1007
Lowest	64QAM	1	8	21.74	0.1493	20.04	0.1009
Middle		1	8	21.66	0.1466	19.96	0.0991
Highest		1	8	21.79	0.1510	20.09	0.1021
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	12	22.54	0.1795	20.84	0.1213
Middle		1	12	22.45	0.1758	20.75	0.1189
Highest		1	12	22.42	0.1746	20.72	0.1180
Lowest	16QAM	1	0	21.99	0.1581	20.29	0.1069
Middle		1	0	21.92	0.1556	20.22	0.1052
Highest		1	0	21.85	0.1531	20.15	0.1035
Lowest	64QAM	1	0	22.00	0.1585	20.30	0.1072
Middle		1	0	21.94	0.1563	20.24	0.1057
Highest		1	0	21.50	0.1413	19.80	0.0955
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	22.60	0.1820	20.90	0.1230
Middle		1	0	22.44	0.1754	20.74	0.1186
Highest		1	0	22.36	0.1722	20.66	0.1164
Lowest	16QAM	1	0	21.79	0.1510	20.09	0.1021
Middle		1	0	21.61	0.1449	19.91	0.0979
Highest		1	0	21.91	0.1552	20.21	0.1050
Lowest	64QAM	1	25	21.71	0.1483	20.01	0.1002
Middle		1	25	21.52	0.1419	19.82	0.0959
Highest		1	25	21.37	0.1371	19.67	0.0927
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	22.44	0.1754	20.74	0.1186
Middle		1	37	22.36	0.1722	20.66	0.1164
Highest		1	37	22.30	0.1698	20.60	0.1148
Lowest	16QAM	1	0	21.54	0.1426	19.84	0.0964
Middle		1	0	21.56	0.1432	19.86	0.0968
Highest		1	0	21.35	0.1365	19.65	0.0923
Lowest	64QAM	1	0	21.70	0.1479	20.00	0.1000
Middle		1	0	21.69	0.1476	19.99	0.0998
Highest		1	0	21.62	0.1452	19.92	0.0982
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	22.61	0.1824	20.91	0.1233
Middle		1	0	22.41	0.1742	20.71	0.1178
Highest		1	0	22.51	0.1782	20.81	0.1205
Lowest	16QAM	1	0	21.90	0.1549	20.20	0.1047
Middle		1	0	21.72	0.1486	20.02	0.1005
Highest		1	0	21.97	0.1574	20.27	0.1064
Lowest	64QAM	1	0	21.60	0.1445	19.90	0.0977
Middle		1	0	21.33	0.1358	19.63	0.0918
Highest		1	0	21.92	0.1556	20.22	0.1052
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	22.63	0.1832	17.08	0.0511
Middle		1	3	22.66	0.1845	17.11	0.0514
Highest		1	3	22.55	0.1799	17.00	0.0501
Lowest	16QAM	1	3	22.02	0.1592	16.47	0.0444
Middle		1	3	22.25	0.1679	16.70	0.0468
Highest		1	3	21.86	0.1535	16.31	0.0428
Lowest	64QAM	1	3	21.77	0.1503	16.22	0.0419
Middle		1	3	21.83	0.1524	16.28	0.0425
Highest		1	3	22.07	0.1611	16.52	0.0449
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	8	22.45	0.1758	16.90	0.0490
Middle		1	8	22.61	0.1824	17.06	0.0508
Highest		1	8	22.59	0.1816	17.04	0.0506
Lowest	16QAM	1	8	22.10	0.1622	16.55	0.0452
Middle		1	8	22.21	0.1663	16.66	0.0463
Highest		1	8	22.29	0.1694	16.74	0.0472
Lowest	64QAM	1	0	22.17	0.1648	16.62	0.0459
Middle		1	0	22.27	0.1687	16.72	0.0470
Highest		1	0	22.19	0.1656	16.64	0.0461
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	22.56	0.1803	17.01	0.0502
Middle		1	0	22.51	0.1782	16.96	0.0497
Highest		1	0	22.61	0.1824	17.06	0.0508
Lowest	16QAM	1	0	21.74	0.1493	16.19	0.0416
Middle		1	0	21.86	0.1535	16.31	0.0428
Highest		1	0	21.92	0.1556	16.37	0.0434
Lowest	64QAM	1	0	21.58	0.1439	16.03	0.0401
Middle		1	0	21.64	0.1459	16.09	0.0406
Highest		1	0	21.84	0.1528	16.29	0.0426
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	49	22.69	0.1858	17.14	0.0518
Middle		1	49	22.43	0.1750	16.88	0.0488
Highest		1	49	22.53	0.1791	16.98	0.0499
Lowest	16QAM	1	25	21.95	0.1567	16.40	0.0437
Middle		1	25	22.00	0.1585	16.45	0.0442
Highest		1	25	22.00	0.1585	16.45	0.0442
Lowest	64QAM	1	0	21.59	0.1442	16.04	0.0402
Middle		1	0	21.90	0.1549	16.35	0.0432
Highest		1	0	22.00	0.1585	16.45	0.0442
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	0	22.72	0.1871	21.74	0.1493
Middle		1	0	22.38	0.1730	21.40	0.1380
Highest		1	0	22.50	0.1778	21.52	0.1419
Lowest	16QAM	1	12	22.49	0.1774	21.51	0.1416
Middle		1	12	22.04	0.1600	21.06	0.1276
Highest		1	12	21.78	0.1507	20.80	0.1202
Lowest	64QAM	1	24	22.43	0.1750	21.45	0.1396
Middle		1	24	22.31	0.1702	21.33	0.1358
Highest		1	24	21.65	0.1462	20.67	0.1167
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	22.42	0.1746	21.44	0.1393
Middle		1	49	22.48	0.1770	21.50	0.1413
Highest		1	49	22.49	0.1774	21.51	0.1416
Lowest	16QAM	1	25	21.59	0.1442	20.61	0.1151
Middle		1	25	21.54	0.1426	20.56	0.1138
Highest		1	25	22.10	0.1622	21.12	0.1294
Lowest	64QAM	1	49	21.69	0.1476	20.71	0.1178
Middle		1	49	21.66	0.1466	20.68	0.1169
Highest		1	49	21.54	0.1426	20.56	0.1138
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	37	22.65	0.1841	21.67	0.1469
Middle		1	37	22.42	0.1746	21.44	0.1393
Highest		1	37	22.48	0.1770	21.50	0.1413
Lowest	16QAM	1	0	22.24	0.1675	21.26	0.1337
Middle		1	0	21.78	0.1507	20.80	0.1202
Highest		1	0	21.86	0.1535	20.88	0.1225
Lowest	64QAM	1	0	22.17	0.1648	21.19	0.1315
Middle		1	0	21.70	0.1479	20.72	0.1180
Highest		1	0	21.74	0.1493	20.76	0.1191
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	49	22.77	0.1892	21.79	0.1510
Middle		1	49	22.43	0.1750	21.45	0.1396
Highest		1	49	22.51	0.1782	21.53	0.1422
Lowest	16QAM	1	0	22.19	0.1656	21.21	0.1321
Middle		1	0	21.80	0.1514	20.82	0.1208
Highest		1	0	21.81	0.1517	20.83	0.1211
Lowest	64QAM	1	0	22.09	0.1618	21.11	0.1291
Middle		1	0	21.71	0.1483	20.73	0.1183
Highest		1	0	21.72	0.1486	20.74	0.1186
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	22.46	0.1762	15.31	0.0340
Middle		3	0	22.58	0.1811	15.43	0.0349
Highest		3	0	22.80	0.1905	15.65	0.0367
Lowest	16QAM	1	5	21.52	0.1419	14.37	0.0274
Middle		1	5	21.91	0.1552	14.76	0.0299
Highest		1	5	21.65	0.1462	14.50	0.0282
Lowest	64QAM	1	5	21.72	0.1486	14.57	0.0286
Middle		1	5	21.85	0.1531	14.70	0.0295
Highest		1	5	21.66	0.1466	14.51	0.0282
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	22.55	0.1799	15.40	0.0347
Middle		1	14	22.65	0.1841	15.50	0.0355
Highest		1	14	22.62	0.1828	15.47	0.0352
Lowest	16QAM	1	14	21.93	0.1560	14.78	0.0301
Middle		1	14	21.89	0.1545	14.74	0.0298
Highest		1	14	22.20	0.1660	15.05	0.0320
Lowest	64QAM	1	14	21.78	0.1507	14.63	0.0290
Middle		1	14	21.82	0.1521	14.67	0.0293
Highest		1	14	21.86	0.1535	14.71	0.0296
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.57	0.1807	15.42	0.0348
Middle		1	12	22.74	0.1879	15.59	0.0362
Highest		1	12	22.59	0.1816	15.44	0.0350
Lowest	16QAM	1	24	21.95	0.1567	14.80	0.0302
Middle		1	24	22.26	0.1683	15.11	0.0324
Highest		1	24	22.17	0.1648	15.02	0.0318
Lowest	64QAM	1	24	22.27	0.1687	15.12	0.0325
Middle		1	24	22.21	0.1663	15.06	0.0321
Highest		1	24	21.79	0.1510	14.64	0.0291
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	22.84	0.1923	15.69	0.0371
Middle		1	49	22.69	0.1858	15.54	0.0358
Highest		1	49	22.63	0.1832	15.48	0.0353
Lowest	16QAM	1	49	21.83	0.1524	14.68	0.0294
Middle		1	49	21.80	0.1514	14.65	0.0292
Highest		1	49	21.95	0.1567	14.80	0.0302
Lowest	64QAM	1	49	21.94	0.1563	14.79	0.0301
Middle		1	49	21.69	0.1476	14.54	0.0284
Highest		1	49	22.27	0.1687	15.12	0.0325
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.66	0.1845	15.51	0.0356
Middle		1	12	22.64	0.1837	15.49	0.0354
Highest		1	12	22.80	0.1905	15.65	0.0367
Lowest	16QAM	1	24	22.04	0.1600	14.89	0.0308
Middle		1	24	22.02	0.1592	14.87	0.0307
Highest		1	24	22.08	0.1614	14.93	0.0311
Lowest	64QAM	1	12	21.69	0.1476	14.54	0.0284
Middle		1	12	21.97	0.1574	14.82	0.0303
Highest		1	12	22.01	0.1589	14.86	0.0306
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	22.77	0.1892	15.62	0.0365
Middle		1	49	22.71	0.1866	15.56	0.0360
Highest		1	49	22.88	0.1941	15.73	0.0374
Lowest	16QAM	1	49	22.28	0.1690	15.13	0.0326
Middle		1	49	22.30	0.1698	15.15	0.0327
Highest		1	49	22.25	0.1679	15.10	0.0324
Lowest	64QAM	1	49	21.71	0.1483	14.56	0.0286
Middle		1	49	22.28	0.1690	15.13	0.0326
Highest		1	49	22.26	0.1683	15.11	0.0324
Limit	ERP < 3W			Result		PASS	



LTE Band 66 / 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	3	1	22.56	0.1803	20.86	0.1219
Middle		3	1	22.28	0.1690	20.58	0.1143
Highest		3	1	22.19	0.1656	20.49	0.1119
Lowest	16QAM	1	3	21.83	0.1524	20.13	0.1030
Middle		1	3	21.49	0.1409	19.79	0.0953
Highest		1	3	21.44	0.1393	19.74	0.0942
Lowest	64QAM	1	3	21.81	0.1517	20.11	0.1026
Middle		1	3	21.46	0.1400	19.76	0.0946
Highest		1	3	21.37	0.1371	19.67	0.0927
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 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	8	22.57	0.1807	20.87	0.1222
Middle		1	8	22.05	0.1603	20.35	0.1084
Highest		1	8	22.14	0.1637	20.44	0.1107
Lowest	16QAM	1	8	21.85	0.1531	20.15	0.1035
Middle		1	8	21.55	0.1429	19.85	0.0966
Highest		1	8	21.44	0.1393	19.74	0.0942
Lowest	64QAM	1	8	21.75	0.1496	20.05	0.1012
Middle		1	8	21.43	0.1390	19.73	0.0940
Highest		1	8	21.37	0.1371	19.67	0.0927
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 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	12	22.56	0.1803	20.86	0.1219
Middle		1	12	22.26	0.1683	20.56	0.1138
Highest		1	12	22.20	0.1660	20.50	0.1122
Lowest	16QAM	1	12	21.82	0.1521	20.12	0.1028
Middle		1	12	21.48	0.1406	19.78	0.0951
Highest		1	12	21.49	0.1409	19.79	0.0953
Lowest	64QAM	1	12	21.76	0.1500	20.06	0.1014
Middle		1	12	21.42	0.1387	19.72	0.0938
Highest		1	12	21.41	0.1384	19.71	0.0935
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -1.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	25	22.24	0.1675	20.54	0.1132
Middle		25	25	22.23	0.1671	20.53	0.1130
Highest		25	25	22.33	0.1710	20.63	0.1156
Lowest	16QAM	1	25	21.88	0.1542	20.18	0.1042
Middle		1	25	21.55	0.1429	19.85	0.0966
Highest		1	25	21.49	0.1409	19.79	0.0953
Lowest	64QAM	1	49	21.69	0.1476	19.99	0.0998
Middle		1	49	21.50	0.1413	19.80	0.0955
Highest		1	49	21.29	0.1346	19.59	0.0910
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 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	22.60	0.1820	20.90	0.1230
Middle		1	37	22.32	0.1706	20.62	0.1153
Highest		1	37	22.30	0.1698	20.60	0.1148
Lowest	16QAM	1	37	21.89	0.1545	20.19	0.1045
Middle		1	37	21.58	0.1439	19.88	0.0973
Highest		1	37	21.56	0.1432	19.86	0.0968
Lowest	64QAM	1	37	21.78	0.1507	20.08	0.1019
Middle		1	37	21.49	0.1409	19.79	0.0953
Highest		1	37	21.49	0.1409	19.79	0.0953
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 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	49	22.62	0.1828	20.92	0.1236
Middle		1	49	22.30	0.1698	20.60	0.1148
Highest		1	49	22.29	0.1694	20.59	0.1146
Lowest	16QAM	1	0	21.85	0.1531	20.15	0.1035
Middle		1	0	21.66	0.1466	19.96	0.0991
Highest		1	0	21.61	0.1449	19.91	0.0979
Lowest	64QAM	1	49	21.76	0.1500	20.06	0.1014
Middle		1	49	21.50	0.1413	19.80	0.0955
Highest		1	49	21.47	0.1403	19.77	0.0948
Limit	EIRP < 1W			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)
Lowest	3702	-55.12	-13	-42.12	-76.09	-61.69	1.67	8.24	H
	5556	-49.35	-13	-36.35	-74.67	-56.42	2.66	9.72	H
	7404	-50.63	-13	-37.63	-77.81	-59.78	2.46	11.61	H
									H
									H
									H
	3702	-55.91	-13	-42.91	-76.87	-62.48	1.67	8.24	V
	5556	-51.18	-13	-38.18	-76.47	-58.25	2.66	9.72	V
	7404	-50.78	-13	-37.78	-78.18	-59.93	2.46	11.61	V
									V
									V
									V
Middle	3744	-53.62	-13	-40.62	-74.55	-60.23	1.68	8.29	H
	5616	-45.74	-13	-32.74	-71.2	-52.79	2.69	9.75	H
	7482	-50.72	-13	-37.72	-77.94	-60.05	2.44	11.76	H
									H
									H
									H
									H
	3744	-56.21	-13	-43.21	-77.15	-62.82	1.68	8.29	V
	5616	-49.96	-13	-36.96	-75.41	-57.01	2.69	9.75	V
	7482	-50.28	-13	-37.28	-77.73	-59.61	2.44	11.76	V
									V
									V
									V
									V



Highest	3780	-56.85	-13	-43.85	-77.74	-63.49	1.69	8.34	H
	5673	-51.53	-13	-38.53	-77.11	-58.57	2.72	9.77	H
	7564	-49.88	-13	-36.88	-77.29	-59.31	2.41	11.84	H
									H
									H
									H
									H
	3780	-56.84	-13	-43.84	-77.77	-63.48	1.69	8.34	V
	5673	-51.42	-13	-38.42	-76.99	-58.46	2.72	9.77	V
	7564	-49.73	-13	-36.73	-77.41	-59.16	2.41	11.84	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	-48.44	-13	-35.44	-69.26	-54.51	1.58	7.65	H
	5136	-42.31	-13	-29.31	-66.46	-49.59	2.42	9.70	H
	6840	-51.27	-13	-38.27	-78.09	-59.24	2.64	10.61	H
									H
									H
									H
									H
	3420	-47.45	-13	-34.45	-68.3	-53.52	1.58	7.65	V
	5136	-44.46	-13	-31.46	-68.61	-51.74	2.42	9.70	V
	6840	-50.65	-13	-37.65	-77.42	-58.62	2.64	10.61	V
									V
									V
									V
									V
Middle	3450	-48.62	-13	-35.62	-69.51	-54.81	1.59	7.78	H
	5172	-39.48	-13	-26.48	-63.86	-46.74	2.44	9.70	H
	6888	-51.02	-13	-38.02	-77.95	-59.06	2.63	10.67	H
									H
									H
									H
									H
	3450	-50.27	-13	-37.27	-71.14	-56.46	1.59	7.78	V
	5172	-44.06	-13	-31.06	-68.24	-51.32	2.44	9.70	V
	6888	-50.91	-13	-37.91	-77.71	-58.95	2.63	10.67	V
									V
									V
									V
									V



Highest	3474	-51.24	-13	-38.24	-72.28	-57.53	1.60	7.89	H
	5208	-44.44	-13	-31.44	-68.85	-51.68	2.46	9.70	H
	6942	-50.88	-13	-37.88	-77.76	-59	2.61	10.73	H
									H
									H
									H
									H
	3474	-51.03	-13	-38.03	-71.99	-57.32	1.60	7.89	V
	5208	-43.52	-13	-30.52	-67.89	-50.76	2.46	9.70	V
	6942	-50.83	-13	-37.83	-77.67	-58.95	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 66**

LTE Band 66 / 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	3438	-49.79	-13	-36.79	-70.54	-55.93	1.58	7.73	H
	5160	-39.62	-13	-26.62	-63.99	-46.89	2.43	9.70	H
	6882	-51.05	-13	-38.05	-77.98	-59.08	2.63	10.66	H
									H
									H
									H
									H
	3438	-50.62	-13	-37.62	-71.39	-56.76	1.58	7.73	V
	5160	-38.46	-13	-25.46	-62.75	-45.73	2.43	9.70	V
	6882	-51.11	-13	-38.11	-77.97	-59.14	2.63	10.66	V
									V
									V
									V
									V
Middle	3492	-50.46	-13	-37.46	-71.56	-56.82	1.60	7.96	H
	5232	-41.54	-13	-28.54	-66.09	-48.77	2.47	9.70	H
	6978	-50.84	-13	-37.84	-77.76	-59.02	2.60	10.77	H
									H
									H
									H
									H
	3492	-50.51	-13	-37.51	-71.42	-56.87	1.60	7.96	V
	5232	-36.18	-13	-23.18	-60.56	-43.41	2.47	9.70	V
	6978	-50.64	-13	-37.64	-77.74	-58.82	2.60	10.77	V
									V
									V
									V
									V



Highest	3540	-51.46	-13	-38.46	-72.62	-57.89	1.62	8.05	H
	5310	-43.01	-13	-30.01	-67.8	-50.19	2.52	9.70	H
	7080	-50.08	-13	-37.08	-77.11	-58.48	2.56	10.96	H
									H
									H
									H
									H
	3540	-49.85	-13	-36.85	-70.99	-56.28	1.62	8.05	V
	5310	-41.49	-13	-28.49	-66.1	-48.67	2.52	9.70	V
	7080	-50.33	-13	-37.33	-77.32	-58.73	2.56	10.96	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	1672	-63.17	-13	-50.17	-75.79	-64.85	0.99	4.82	H
	2504	-35.06	-13	-22.06	-52.65	-37.02	1.29	5.40	H
	3336	-58.42	-13	-45.42	-78.2	-62	1.55	7.28	H
									H
									H
									H
									H
	1672	-62.99	-13	-49.99	-76.07	-64.67	0.99	4.82	V
	2504	-33.25	-13	-20.25	-51.29	-35.21	1.29	5.40	V
	3336	-58.11	-13	-45.11	-78.14	-61.69	1.55	7.28	V
									V
									V
									V
									V
Middle	1680	-63.25	-13	-50.25	-75.87	-64.9	0.99	4.80	H
	2520	-42.59	-13	-29.59	-60.19	-44.56	1.30	5.42	H
	3368	-57.63	-13	-44.63	-77.59	-61.34	1.56	7.42	H
									H
									H
									H
									H
	1680	-62.27	-13	-49.27	-75.35	-63.92	0.99	4.80	V
	2520	-41.69	-13	-28.69	-59.75	-43.66	1.30	5.42	V
	3368	-57.91	-13	-44.91	-78.03	-61.62	1.56	7.42	V
									V
									V
									V
									V



Highest	1696	-62.29	-13	-49.29	-75.06	-63.89	1.00	4.75	H
	2544	-41.97	-13	-28.97	-59.61	-43.95	1.30	5.44	H
	3400	-57.72	-13	-44.72	-77.84	-61.56	1.57	7.56	H
									H
									H
									H
									H
	1696	-62.59	-13	-49.59	-75.8	-64.19	1.00	4.75	V
	2544	-43.37	-13	-30.37	-61.51	-45.35	1.30	5.44	V
	3400	-57.89	-13	-44.89	-78.1	-61.73	1.57	7.56	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 / 5MHz / 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	5005	-49.96	-25	-24.96	-73.61	-57.32	2.34	9.70	H
	7500	-35.22	-25	-10.22	-62.18	-44.59	2.43	11.80	H
	10000	-45.98	-25	-20.98	-77.4	-55.48	2.70	12.20	H
									H
									H
									H
									H
	5005	-52.77	-25	-27.77	-76.24	-60.13	2.34	9.70	V
	7500	-31.84	-25	-6.84	-59	-41.21	2.43	11.80	V
	10000	-45.84	-25	-20.84	-77.13	-55.34	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-49.54	-25	-24.54	-73.38	-56.87	2.37	9.70	H
	7596	-35.37	-25	-10.37	-62.6	-44.83	2.40	11.86	H
	10130	-45.46	-25	-20.46	-77.1	-55.02	2.70	12.25	H
									H
									H
									H
									H
	5064	-53.26	-25	-28.26	-76.83	-60.59	2.37	9.70	V
	7596	-31.80	-25	-6.80	-59.41	-41.26	2.40	11.86	V
	10130	-45.78	-25	-20.78	-77.38	-55.34	2.70	12.25	V
									V
									V
									V
									V



Highest	5130	-50.16	-25	-25.16	-74.14	-57.45	2.41	9.70	H
	7698	-34.23	-25	-9.23	-61.75	-43.78	2.37	11.92	H
	10260	-45.86	-25	-20.86	-77.89	-55.47	2.69	12.30	H
									H
									H
									H
									H
	5130	-52.27	-25	-27.27	-76.11	-59.56	2.41	9.70	V
	7698	-33.19	-25	-8.19	-60.92	-42.74	2.37	11.92	V
	10260	-45.87	-25	-20.87	-77.74	-55.48	2.69	12.30	V
									V
									V
									V
									V

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



LTE Band 7 / 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	5016	-49.88	-25	-24.88	-73.54	-57.23	2.35	9.70	H
	7530	-35.52	-25	-10.52	-62.66	-44.92	2.42	11.82	H
	10040	-46.34	-25	-21.34	-77.85	-55.86	2.70	12.22	H
									H
									H
									H
									H
	5016	-52.47	-25	-27.47	-75.91	-59.82	2.35	9.70	V
	7515	-31.88	-25	-6.88	-59.2	-41.26	2.42	11.81	V
	10040	-46.17	-25	-21.17	-77.59	-55.69	2.70	12.22	V
									V
									V
									V
									V
Middle	5076	-49.59	-25	-24.59	-73.43	-56.91	2.38	9.70	H
	7620	-36.33	-25	-11.33	-63.6	-45.81	2.39	11.87	H
	10160	-46.02	-25	-21.02	-77.82	-55.59	2.70	12.26	H
									H
									H
									H
									H
	5076	-52.59	-25	-27.59	-76.28	-59.91	2.38	9.70	V
	7620	-32.98	-25	-7.98	-60.53	-42.46	2.39	11.87	V
	10160	-44.94	-25	-19.94	-76.65	-54.51	2.70	12.26	V
									V
									V
									V
									V



Highest	5136	-49.27	-25	-24.27	-73.23	-56.55	2.42	9.70	H
	7710	-33.99	-25	-8.99	-61.61	-43.55	2.36	11.93	H
	10280	-45.94	-25	-20.94	-78.05	-55.56	2.69	12.31	H
									H
									H
									H
									H
	5136	-51.77	-25	-26.77	-75.57	-59.05	2.42	9.70	V
	7710	-31.82	-25	-6.82	-59.69	-41.38	2.36	11.93	V
	10280	-45.96	-25	-20.96	-77.93	-55.58	2.69	12.31	V
									V
									V
									V
									V

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



LTE Band 7 / 15MHz / 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	5016	-46.58	-25	-21.58	-70.52	-53.93	2.35	9.70	H
	7524	-33.83	-25	-8.83	-61.15	-43.22	2.42	11.81	H
	10029	-45.64	-25	-20.64	-77.36	-55.15	2.70	12.21	H
									H
									H
									H
									H
	5016	-51.21	-25	-26.21	-74.96	-58.56	2.35	9.70	V
	7524	-30.77	-25	-5.77	-58.34	-40.16	2.42	11.81	V
	10029	-46.10	-25	-21.10	-77.75	-55.61	2.70	12.21	V
									V
									V
									V
									V
Middle	5070	-47.11	-25	-22.11	-71.19	-54.43	2.38	9.70	H
	7608	-33.49	-25	-8.49	-61.04	-42.96	2.39	11.86	H
	10134	-45.73	-25	-20.73	-77.71	-55.29	2.70	12.25	H
									H
									H
									H
									H
	5070	-50.79	-25	-25.79	-74.69	-58.11	2.38	9.70	V
	7608	-29.76	-25	-4.76	-57.57	-39.23	2.39	11.86	V
	10134	-46.17	-25	-21.17	-78.06	-55.73	2.70	12.25	V
									V
									V
									V
									V



Highest	5124	-47.76	-25	-22.76	-71.75	-55.05	2.41	9.70	H
	7686	-34.64	-25	-9.64	-62.09	-44.18	2.37	11.91	H
	10250	-46.31	-25	-21.31	-78.33	-55.92	2.69	12.30	H
									H
									H
									H
									H
	5124	-51.57	-25	-26.57	-75.37	-58.86	2.41	9.70	V
	7686	-31.48	-25	-6.48	-59.2	-41.02	2.37	11.91	V
	10250	-45.67	-25	-20.67	-77.61	-55.28	2.69	12.30	V
									V
									V
									V
									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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5022	-49.08	-25	-24.08	-73.07	-56.43	2.35	9.70	H
	7530	-28.75	-25	-3.75	-56.07	-38.15	2.42	11.82	H
	10044	-46.06	-25	-21.06	-77.83	-55.58	2.70	12.22	H
									H
									H
									H
									H
	5022	-50.31	-25	-25.31	-74.11	-57.66	2.35	9.70	V
	7530	-29.15	-25	-4.15	-56.72	-38.55	2.42	11.82	V
	10044	-45.99	-25	-20.99	-77.69	-55.51	2.70	12.22	V
									V
									V
									V
									V
Middle	5070	-47.97	-25	-22.97	-72.05	-55.29	2.38	9.70	H
	7608	-31.46	-25	-6.46	-59.01	-40.93	2.39	11.86	H
	10134	-45.89	-25	-20.89	-77.87	-55.45	2.70	12.25	H
									H
									H
									H
									H
	5070	-51.35	-25	-26.35	-52.35	-58.67	2.38	9.70	V
	7608	-31.69	-25	-6.69	-32.69	-41.16	2.39	11.86	V
	10134	-46.06	-25	-21.06	-47.06	-55.62	2.70	12.25	V
									V
									V
									V
									V



Highest	5118	-47.90	-25	-22.90	-72.09	-55.2	2.40	9.70	H
	7680	-33.15	-25	-8.15	-60.87	-42.69	2.37	11.91	H
	10242	-46.11	-25	-21.11	-78.37	-55.71	2.69	12.30	H
									H
									H
									H
									H
	5118	-49.96	-25	-24.96	-73.99	-57.26	2.40	9.70	V
	7680	-29.29	-25	-4.29	-57.29	-38.83	2.37	11.91	V
	10242	-46.31	-25	-21.31	-78.46	-55.91	2.69	12.30	V
									V
									V
									V
									V

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

**LTE Band 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1416	-61.63	-13	-48.63	-72.23	-63.38	0.87	4.78	H
	2128	-44.03	-13	-31.03	-59.92	-44.99	1.17	4.28	H
	2840	-59.81	-13	-46.81	-77.76	-61.93	1.40	5.67	H
									H
									H
									H
									H
	1416	-62.11	-13	-49.11	-75.19	-63.86	0.87	4.78	V
	2128	-52.70	-13	-39.70	-68.94	-53.66	1.17	4.28	V
	2840	-58.82	-13	-45.82	-77.58	-60.94	1.40	5.67	V
									V
									V
									V
									V
Middle	1424	-56.79	-13	-43.79	-67.49	-58.59	0.88	4.83	H
	2136	-49.07	-13	-36.07	-65.03	-50.05	1.18	4.31	H
	2848	-59.60	-13	-46.60	-77.57	-61.73	1.40	5.68	H
									H
									H
									H
									H
	1424	-58.20	-13	-45.20	-69.39	-60.00	0.88	4.83	V
	2136	-44.00	-13	-31.00	-60.31	-44.98	1.18	4.31	V
	2848	-58.85	-13	-45.85	-77.66	-60.98	1.40	5.68	V
									V
									V
									V
									V



Highest	1432	-57.95	-13	-44.95	-68.65	-59.80	0.88	4.88	H
	2144	-46.26	-13	-33.26	-62.22	-47.26	1.18	4.33	H
	2864	-59.78	-13	-46.78	-77.77	-61.92	1.40	5.69	H
									H
									H
									H
									H
	1432	-62.86	-13	-49.86	-74.05	-64.71	0.88	4.88	V
	2144	-53.21	-13	-40.21	-69.52	-54.21	1.18	4.33	V
	2864	-58.82	-13	-45.82	-77.66	-60.96	1.40	5.69	V
									V
									V
									V
									V

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

**LTE Band 17**

LTE Band 17 / 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	1428	-64.71	-13	-51.71	-75.22	-66.53	0.88	4.85	H
	2142	-48.94	-13	-35.94	-64.64	-49.94	1.18	4.33	H
	2856	-59.86	-13	-46.86	-77.55	-61.99	1.40	5.68	H
									H
									H
									H
									H
	1428	-64.34	-13	-51.34	-75.32	-66.16	0.88	4.85	V
	2142	-51.29	-13	-38.29	-67.33	-52.29	1.18	4.33	V
	2856	-59.14	-13	-46.14	-77.67	-61.27	1.40	5.68	V
									V
									V
									V
									V
Middle	1430	-62.33	-13	-49.33	-72.79	-64.17	0.88	4.87	H
	2145	-49.84	-13	-36.84	-65.58	-50.85	1.18	4.34	H
	2860	-59.33	-13	-46.33	-77.06	-61.46	1.40	5.69	H
									H
									H
									H
									H
	1430	-63.74	-13	-50.74	-74.66	-65.58	0.88	4.87	V
	2145	-52.52	-13	-39.52	-68.56	-53.53	1.18	4.34	V
	2860	-58.73	-13	-45.73	-77.27	-60.86	1.40	5.69	V
									V
									V
									V
									V



Highest	1432	-64.31	-13	-51.31	-74.77	-66.16	0.88	4.88	H
	2148	-49.93	-13	-36.93	-65.75	-50.94	1.18	4.34	H
	2864	-59.54	-13	-46.54	-77.26	-61.68	1.40	5.69	H
									H
									H
									H
									H
	1432	-63.59	-13	-50.59	-74.55	-65.44	0.88	4.88	V
	2148	-51.96	-13	-38.96	-68.09	-52.97	1.18	4.34	V
	2864	-58.93	-13	-45.93	-77.53	-61.07	1.40	5.69	V
									V
									V
									V
									V

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

————THE END————