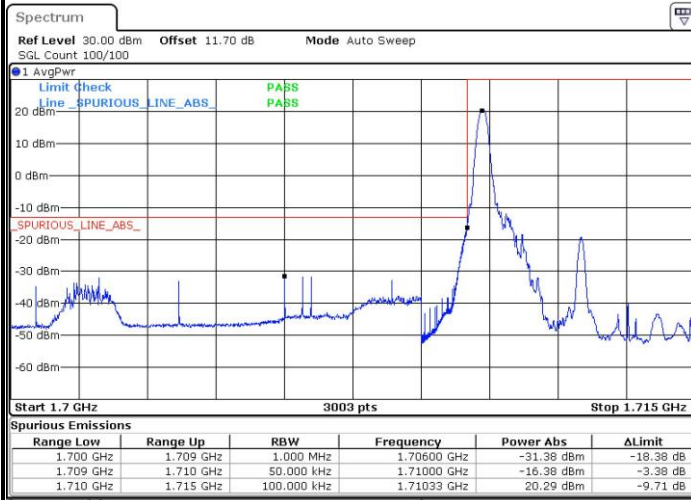


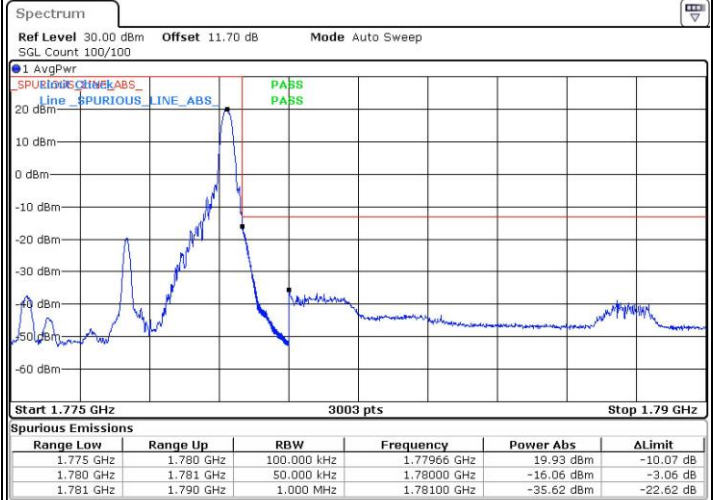


LTE Band 66 / 5MHz / 16QAM

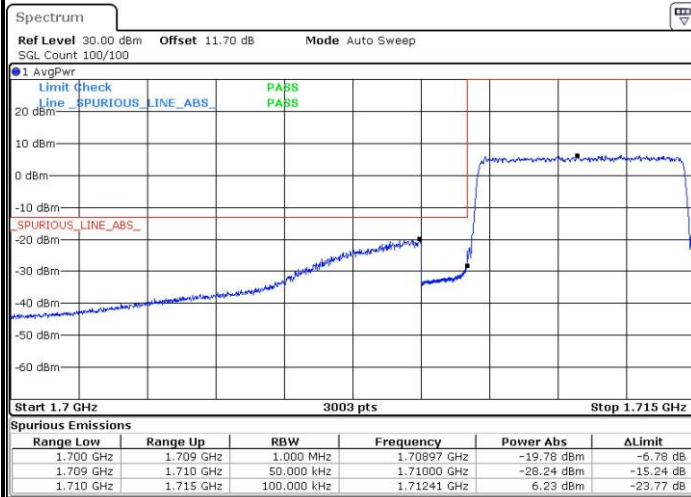
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



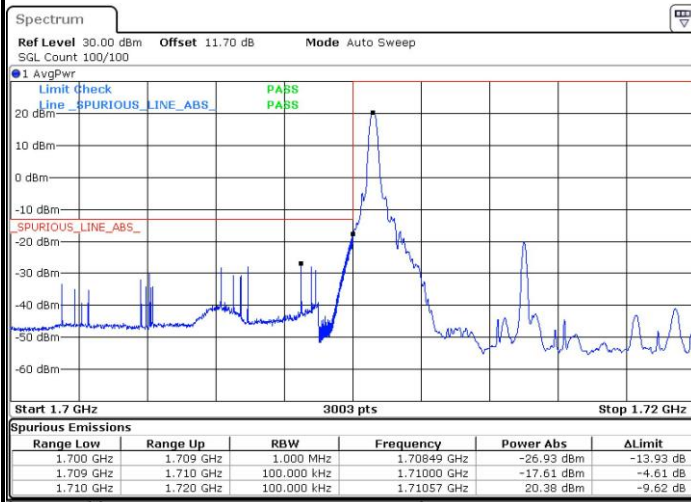
Highest Band Edge / Full RB



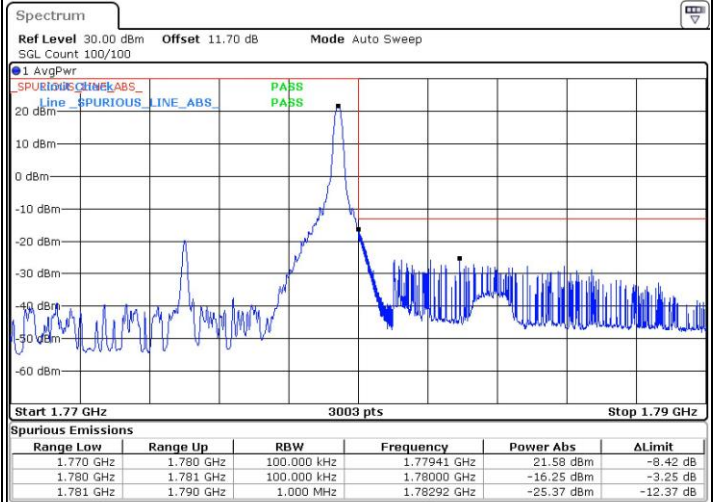


LTE Band 66 / 10MHz / QPSK

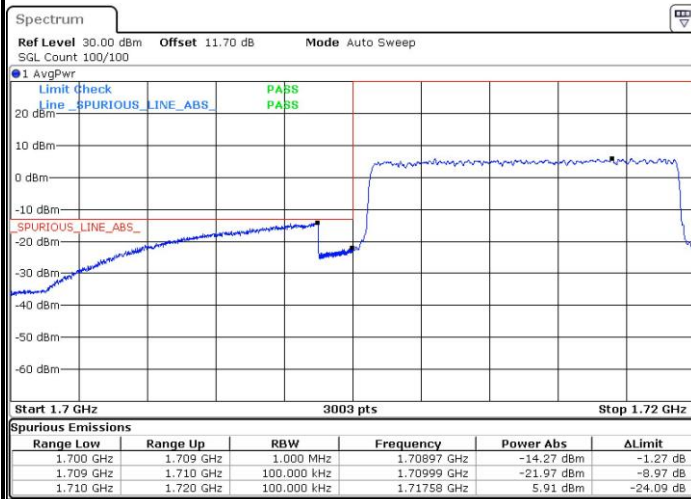
Lowest Band Edge / 1 RB



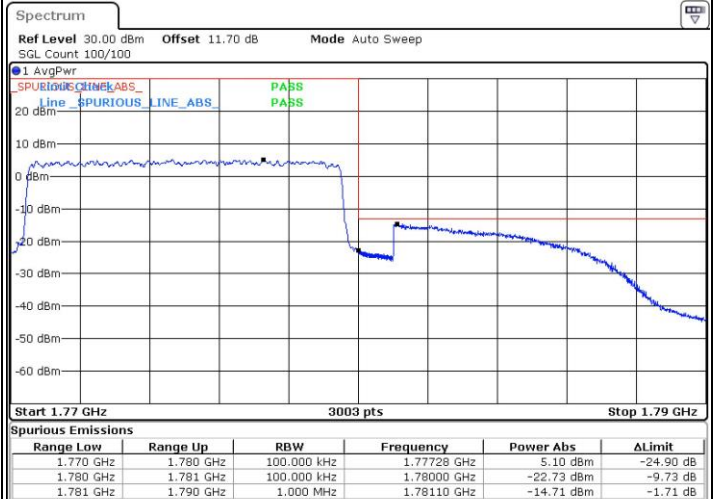
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



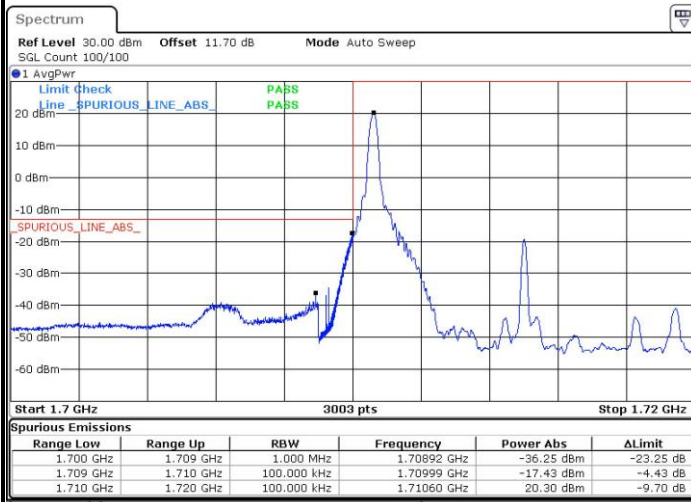
Highest Band Edge / Full RB



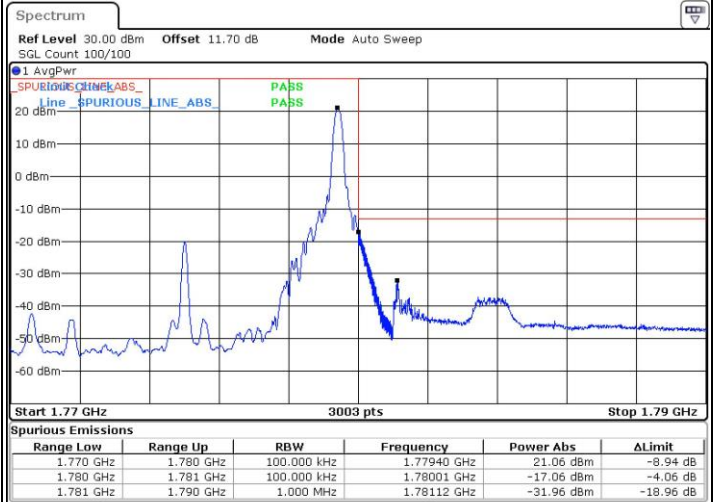


LTE Band 66 / 10MHz / 16QAM

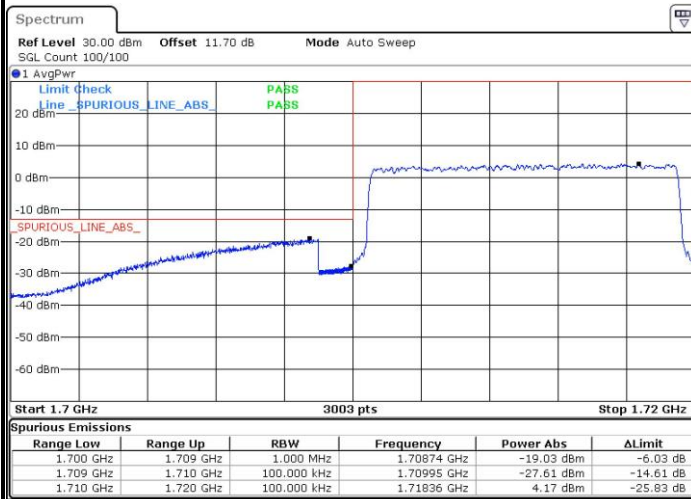
Lowest Band Edge / 1 RB



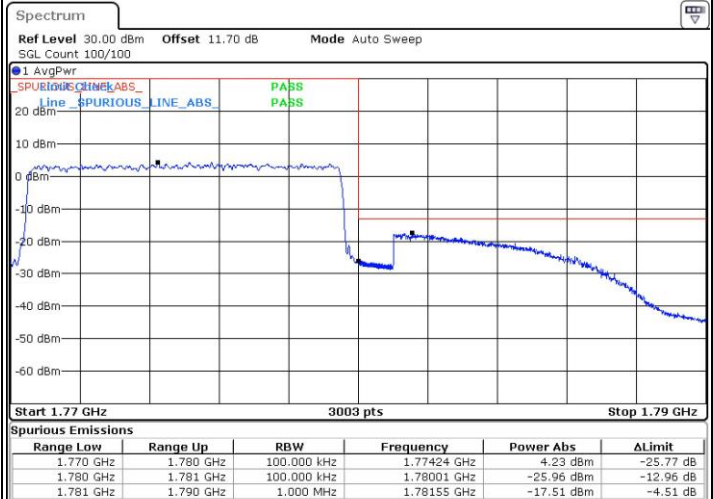
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



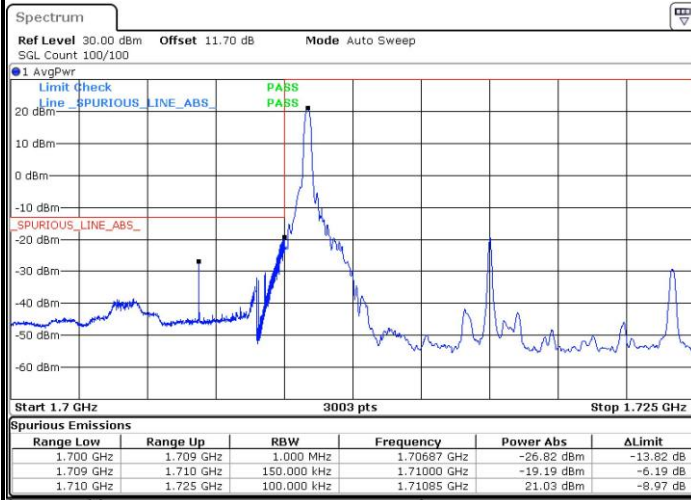
Highest Band Edge / Full RB



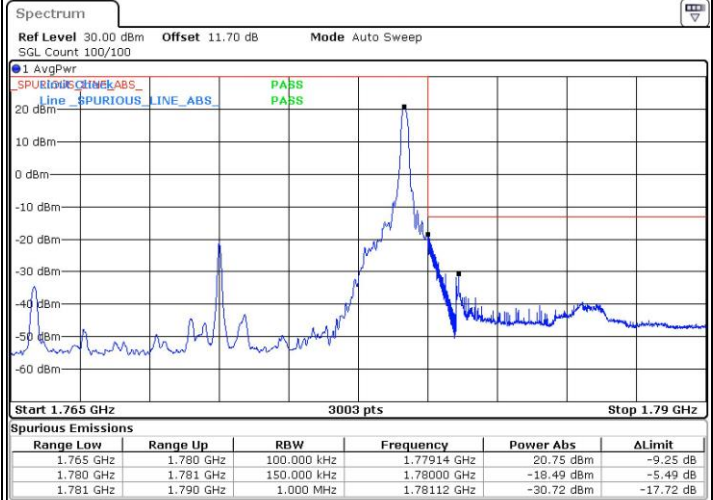


LTE Band 66 / 15MHz / QPSK

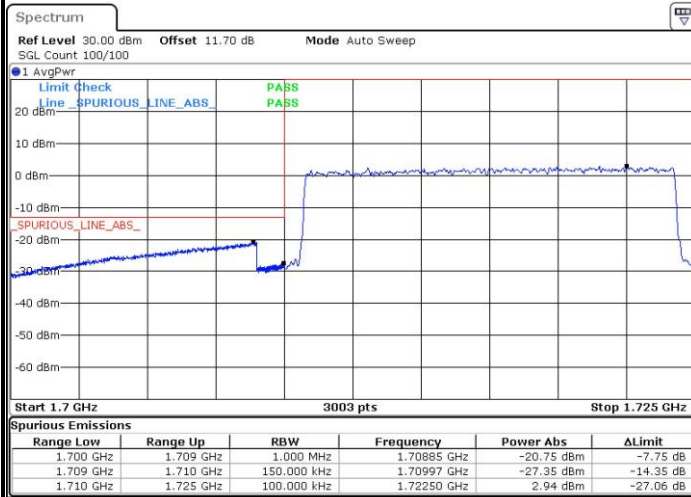
Lowest Band Edge / 1 RB



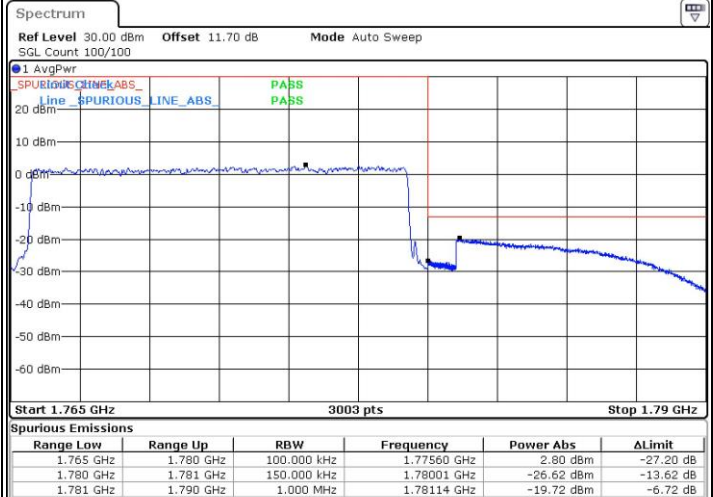
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



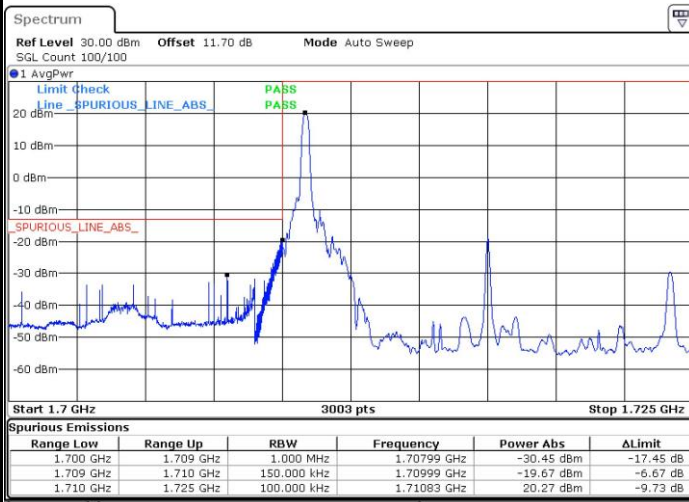
Highest Band Edge / Full RB



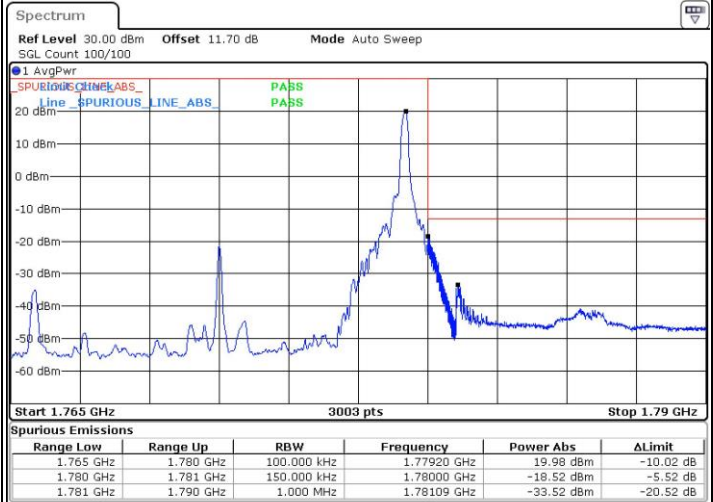


LTE Band 66 / 15MHz / 16QAM

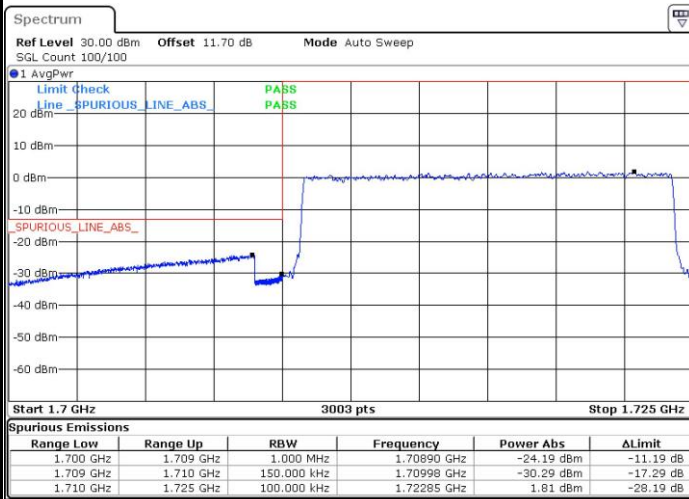
Lowest Band Edge / 1 RB



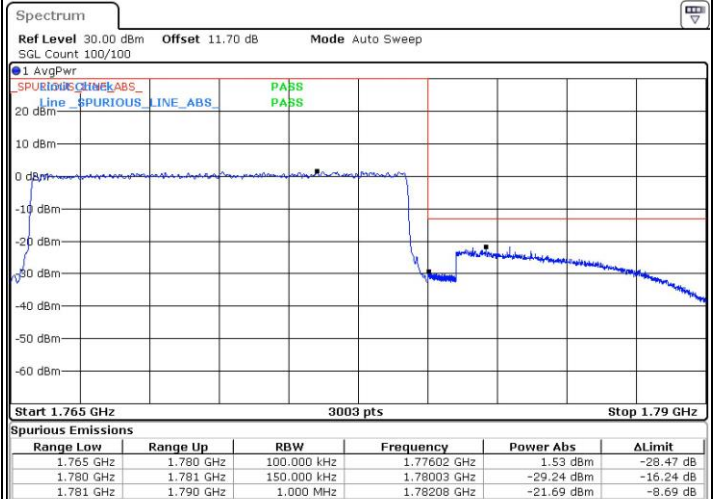
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



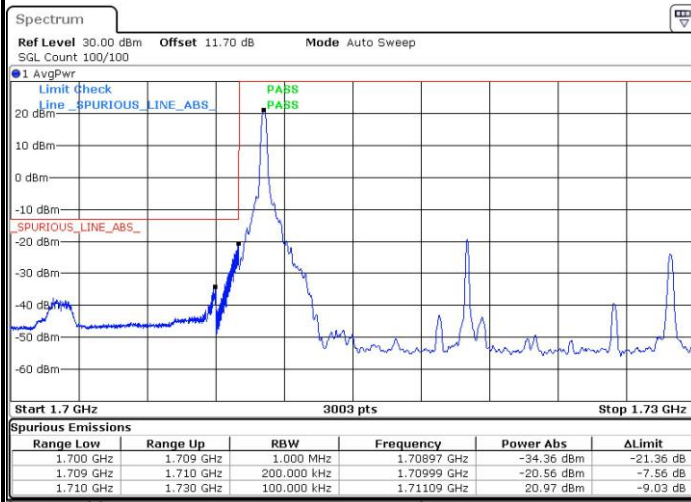
Highest Band Edge / Full RB



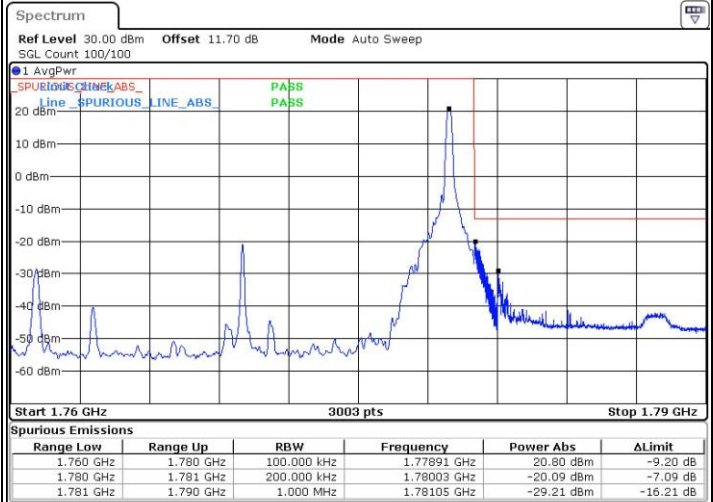


LTE Band 66 / 20MHz / QPSK

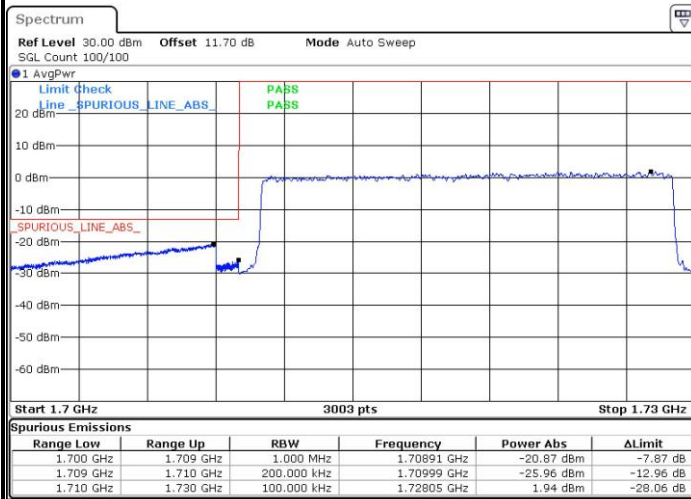
Lowest Band Edge / 1 RB



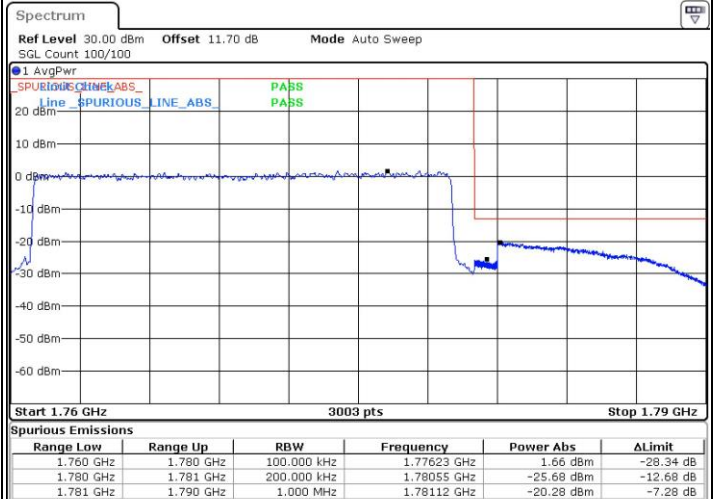
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



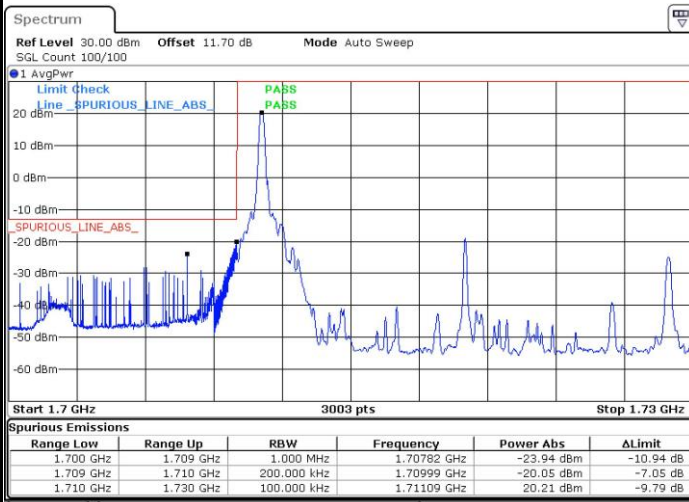
Highest Band Edge / Full RB



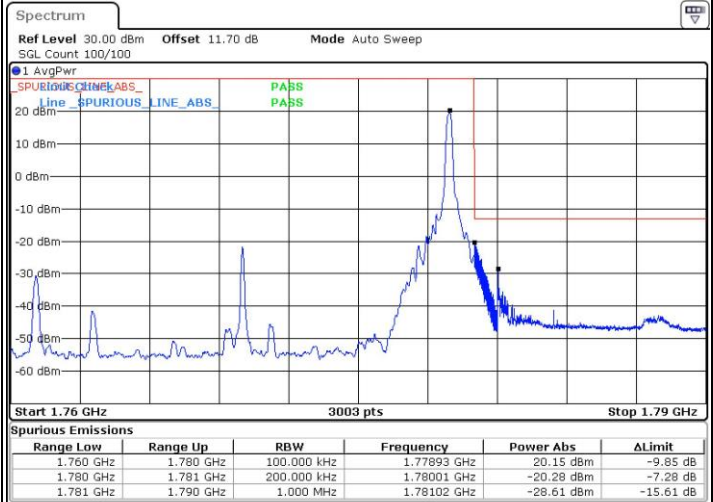


LTE Band 66 / 20MHz / 16QAM

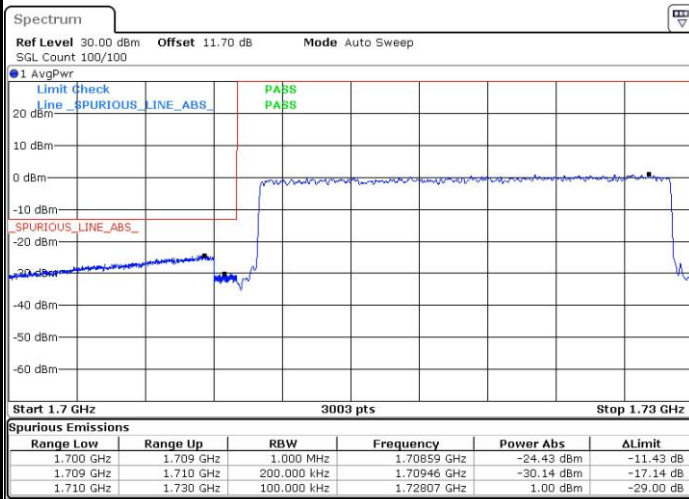
Lowest Band Edge / 1 RB



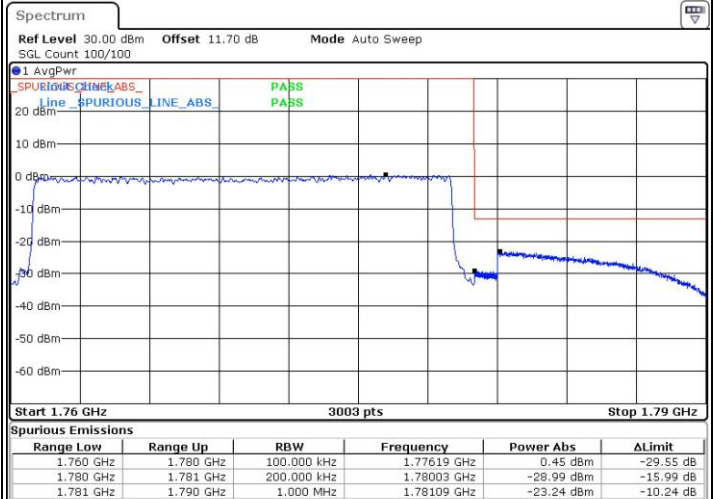
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

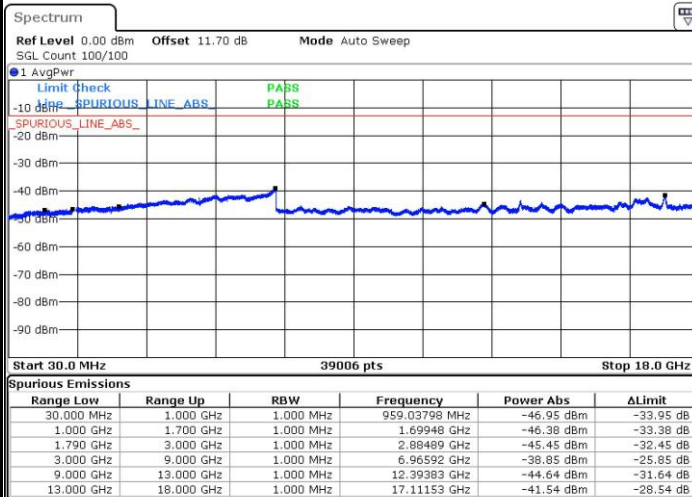




Conducted Spurious Emission

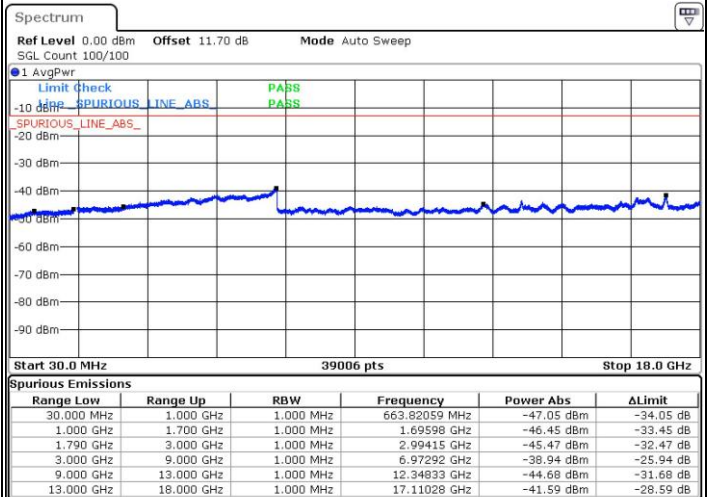
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



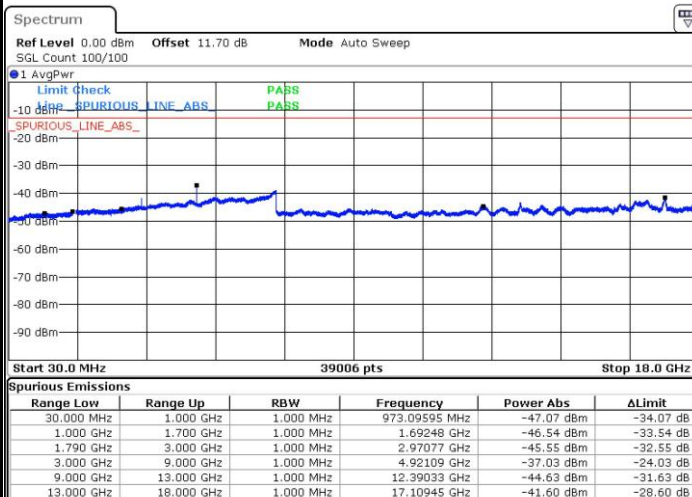
Date: 4.NOV.2016 15:45:38

Lowest Channel / 16QAM



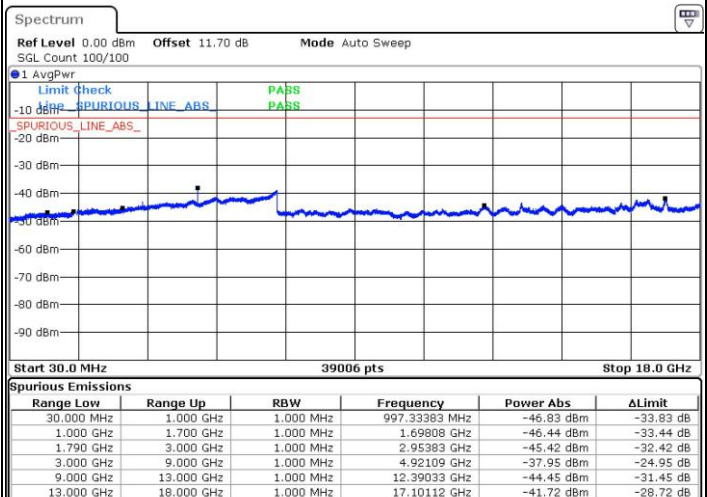
Date: 4.NOV.2016 15:47:12

Middle Channel / QPSK



Date: 4.NOV.2016 15:48:10

Middle Channel / 16QAM

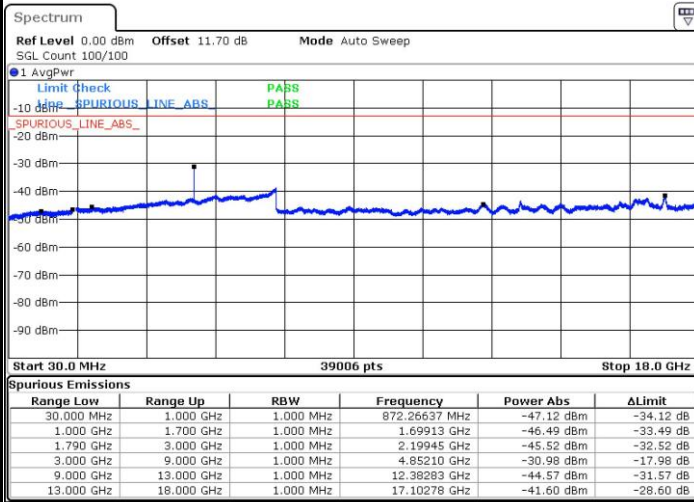


Date: 4.NOV.2016 15:49:07



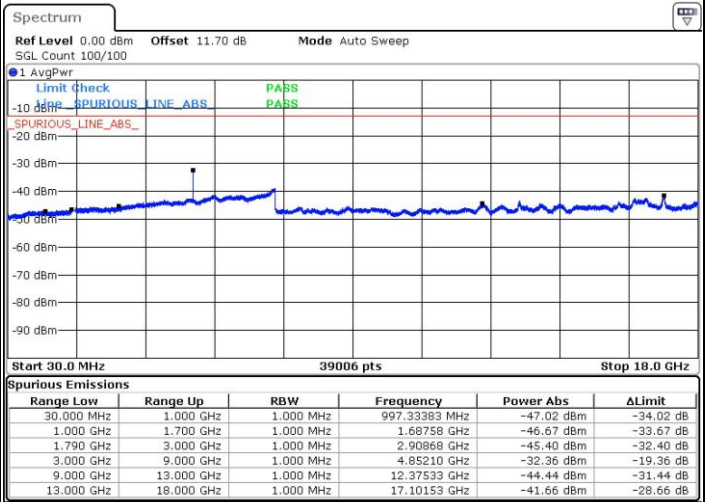
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 4.NOV.2016 15:50:17

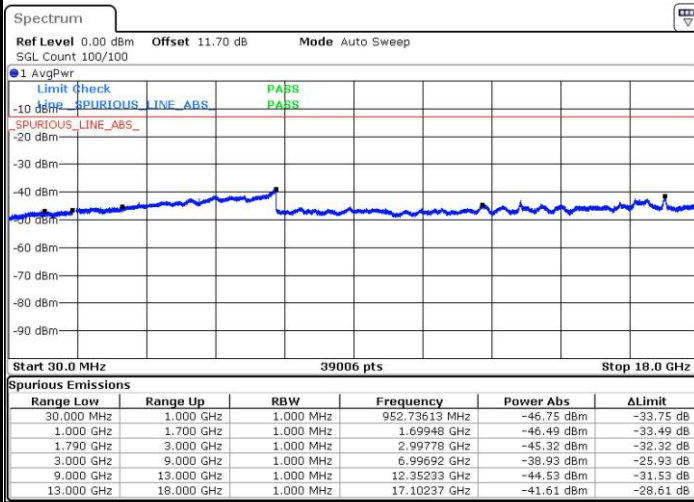
Highest Channel / 16QAM



Date: 4.NOV.2016 15:51:15

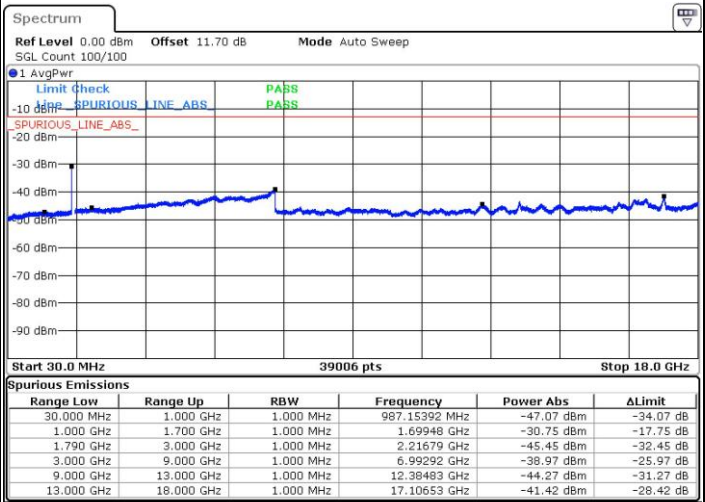
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 4.NOV.2016 15:52:12

Lowest Channel / 16QAM

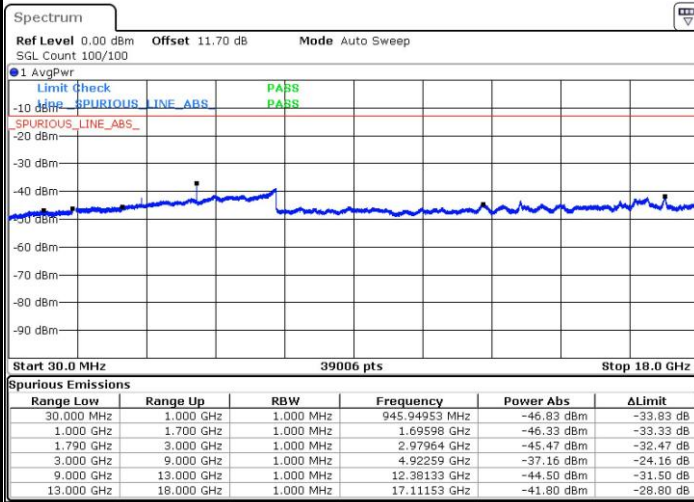


Date: 4.NOV.2016 15:53:09



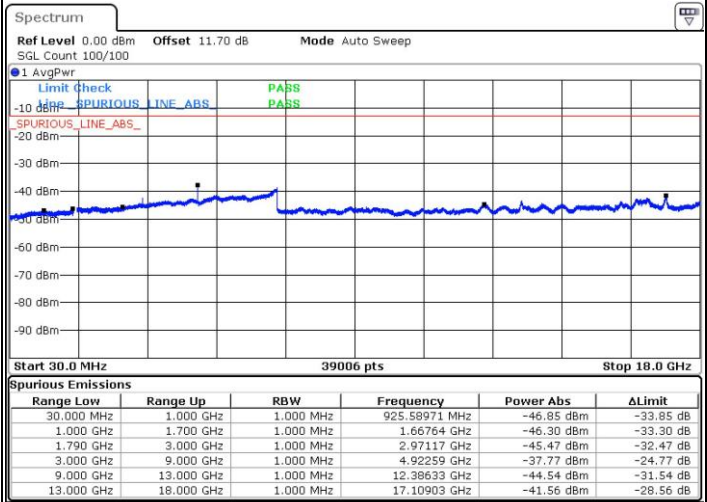
LTE Band 4 / 3MHz

Middle Channel / QPSK



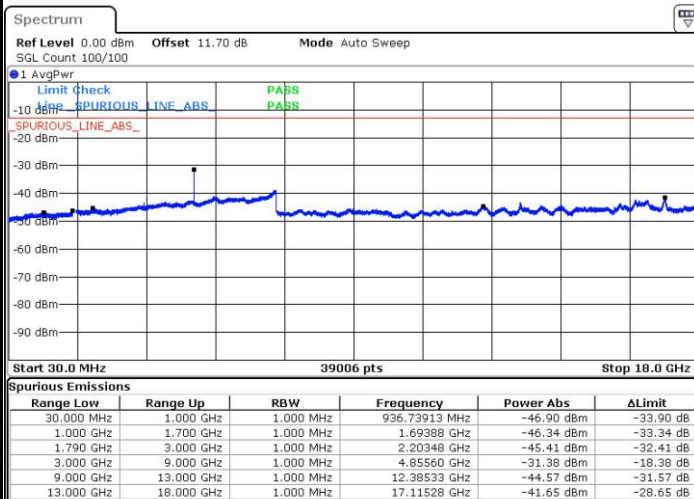
Date: 4.NOV.2016 15:54:06

Middle Channel / 16QAM



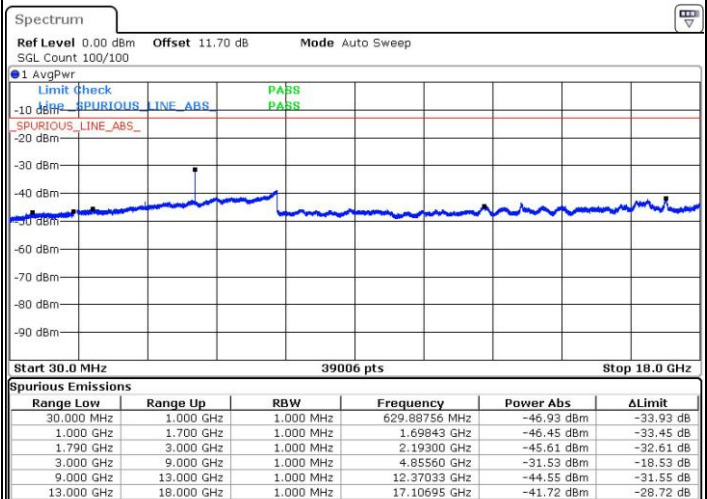
Date: 4.NOV.2016 15:55:04

Highest Channel / QPSK



Date: 4.NOV.2016 15:56:01

Highest Channel / 16QAM

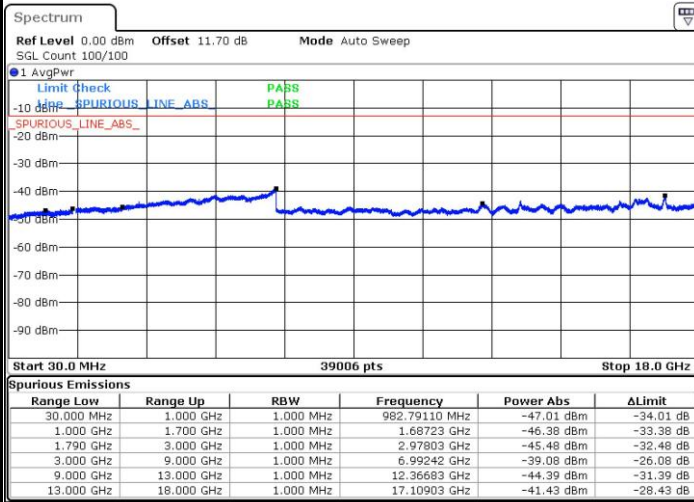


Date: 4.NOV.2016 15:57:53



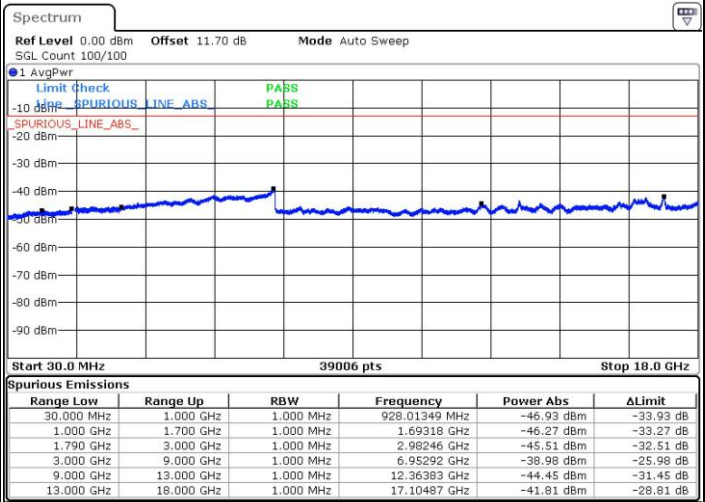
LTE Band 66 / 5MHz

Lowest Channel / QPSK



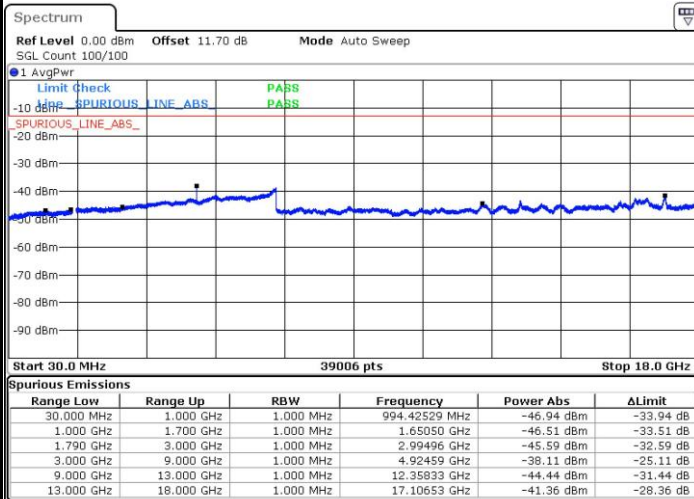
Date: 4.NOV.2016 15:58:50

Lowest Channel / 16QAM



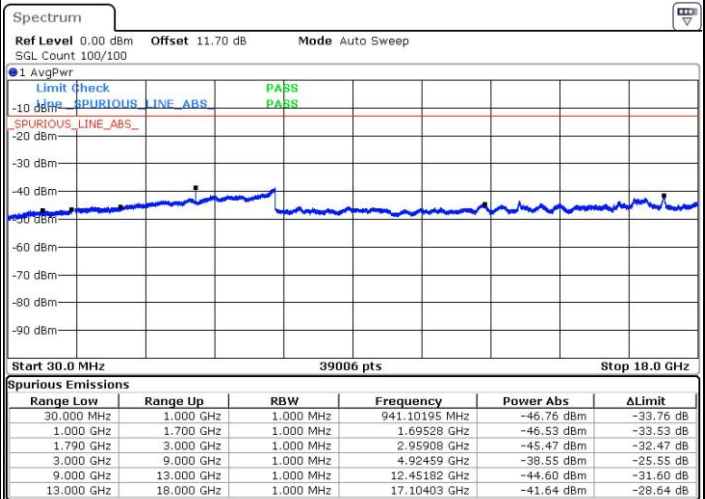
Date: 4.NOV.2016 15:59:47

Middle Channel / QPSK



Date: 4.NOV.2016 16:00:44

Middle Channel / 16QAM

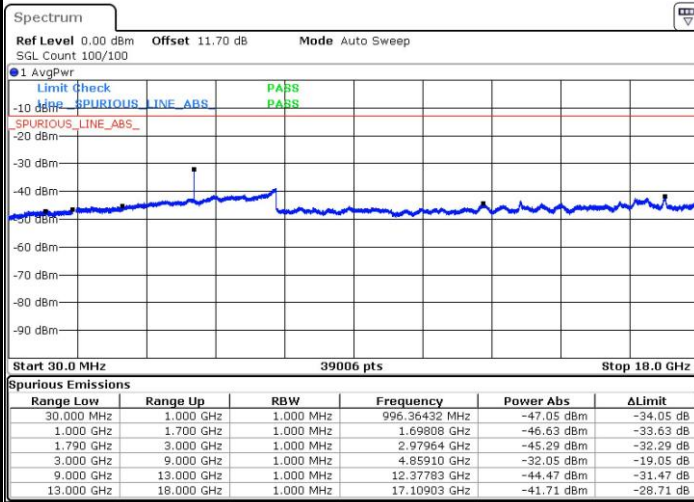


Date: 4.NOV.2016 16:01:42



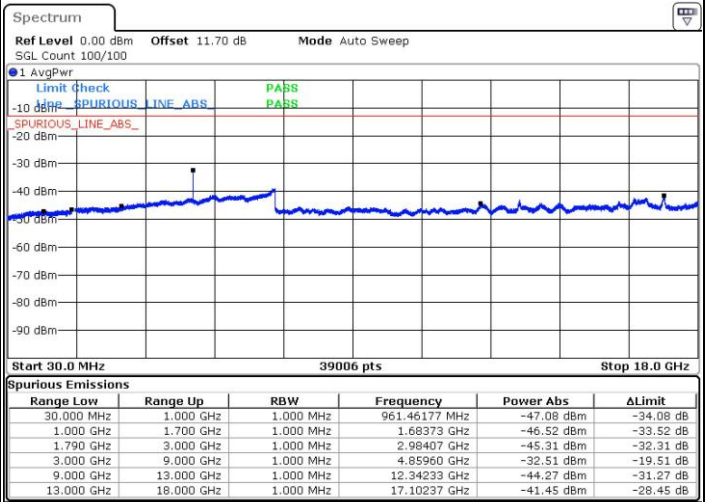
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 4.NOV.2016 16:02:39

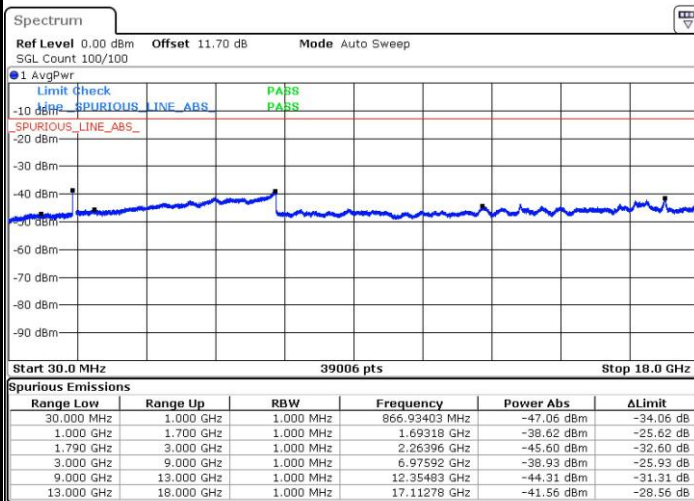
Highest Channel / 16QAM



Date: 4.NOV.2016 16:03:36

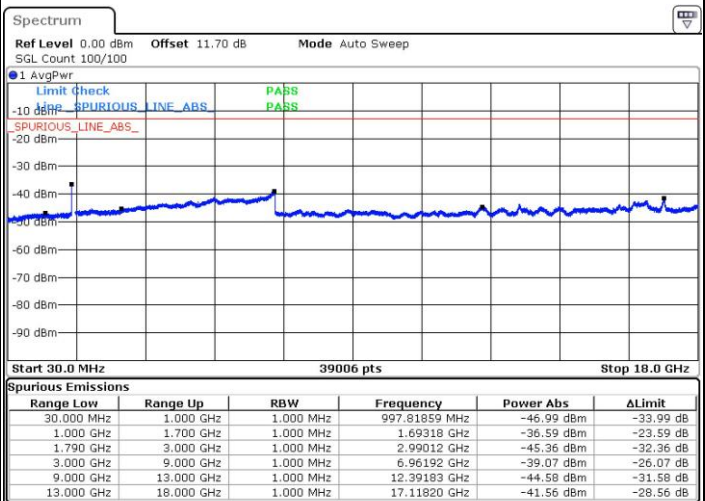
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 4.NOV.2016 16:04:33

Lowest Channel / 16QAM

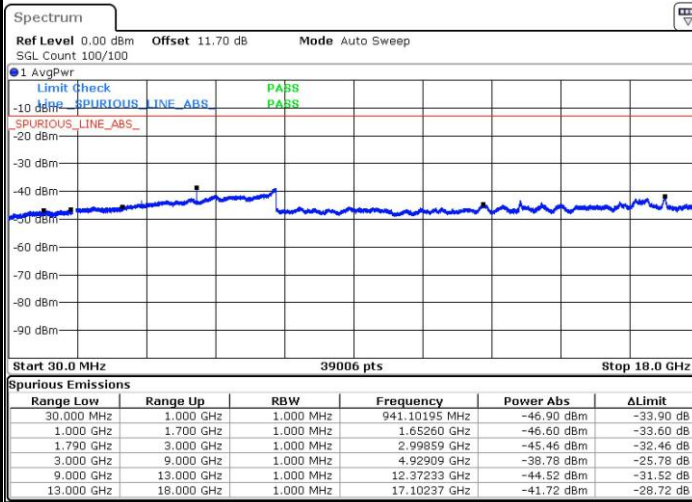


Date: 4.NOV.2016 16:05:30



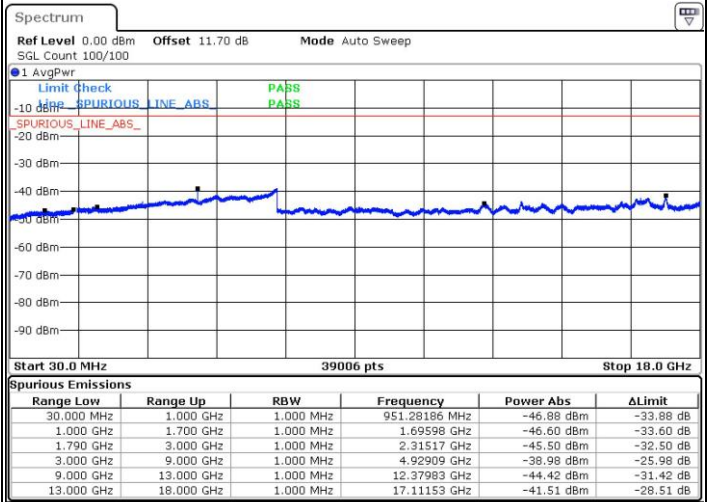
LTE Band 66 / 10MHz

Middle Channel / QPSK



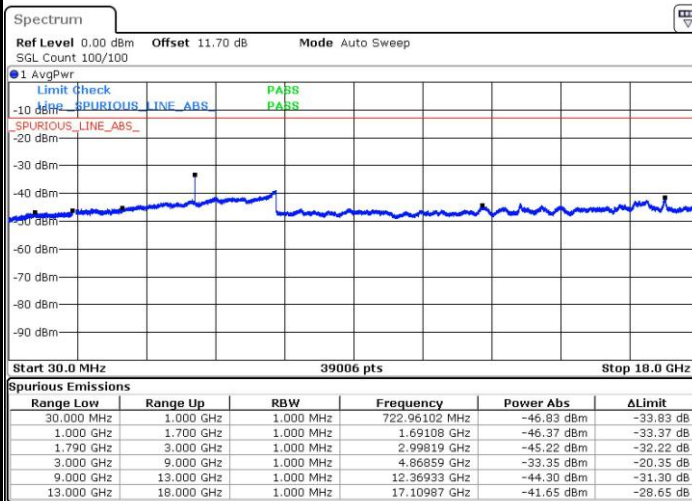
Date: 4.NOV.2016 16:06:27

Middle Channel / 16QAM



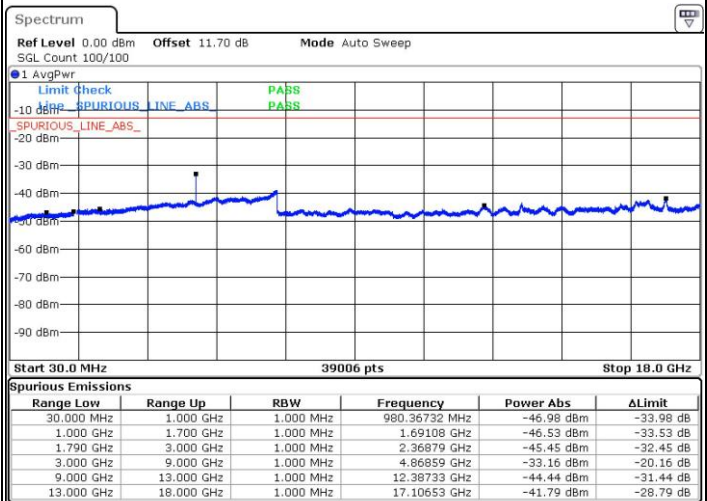
Date: 4.NOV.2016 16:07:24

Highest Channel / QPSK



Date: 4.NOV.2016 16:08:22

Highest Channel / 16QAM

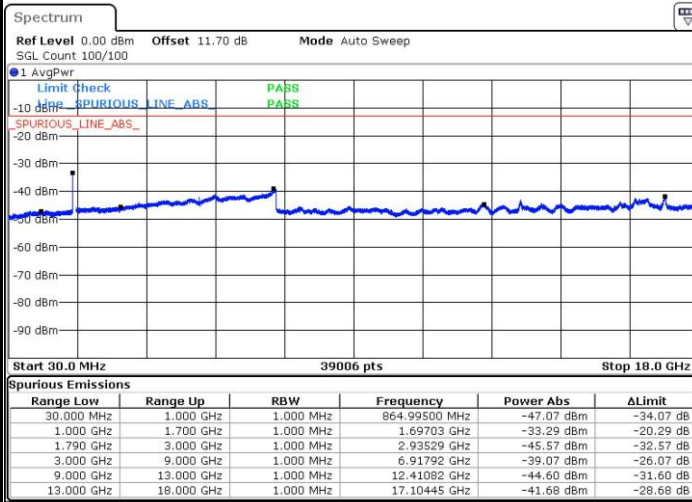


Date: 4.NOV.2016 16:09:19



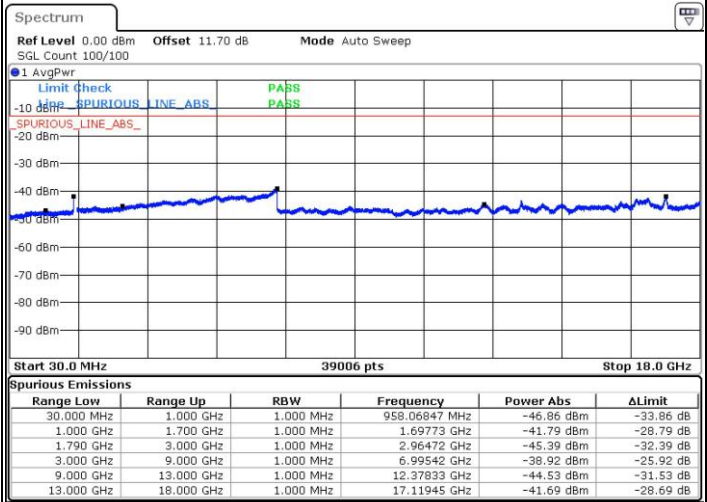
LTE Band 66 / 15MHz

Lowest Channel / QPSK



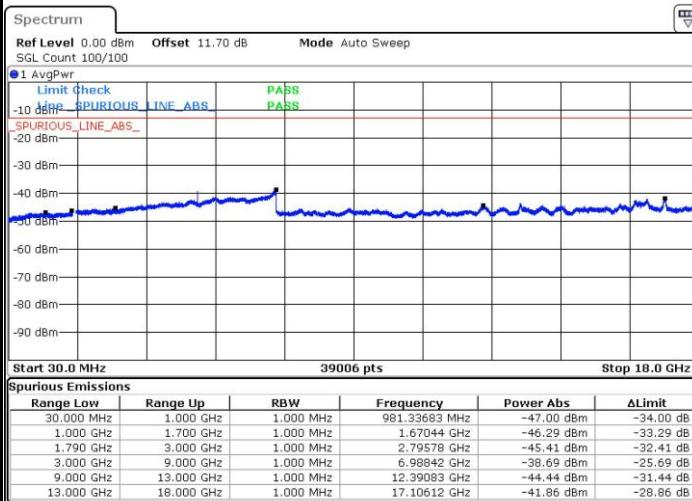
Date: 4.NOV.2016 16:10:16

Lowest Channel / 16QAM



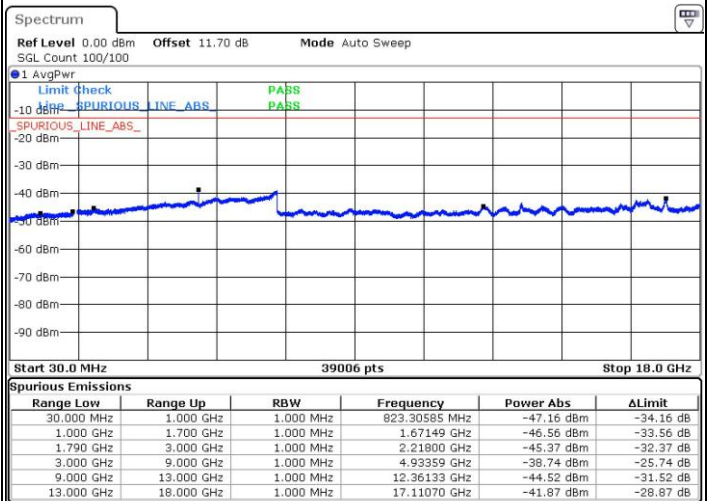
Date: 4.NOV.2016 16:11:57

Middle Channel / QPSK



Date: 4.NOV.2016 16:12:53

Middle Channel / 16QAM

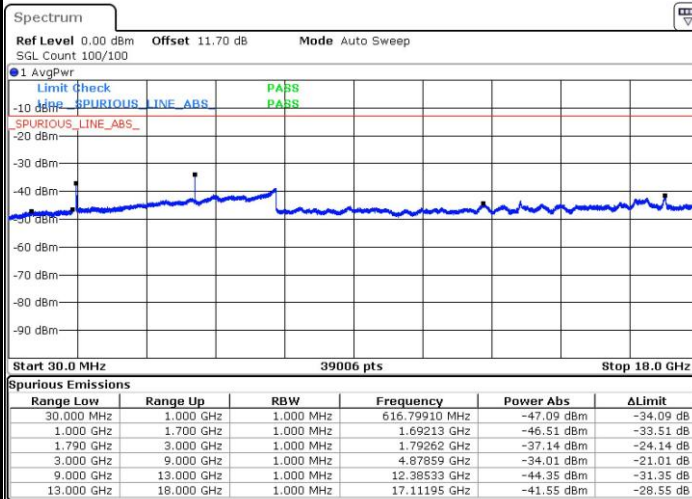


Date: 4.NOV.2016 16:13:50



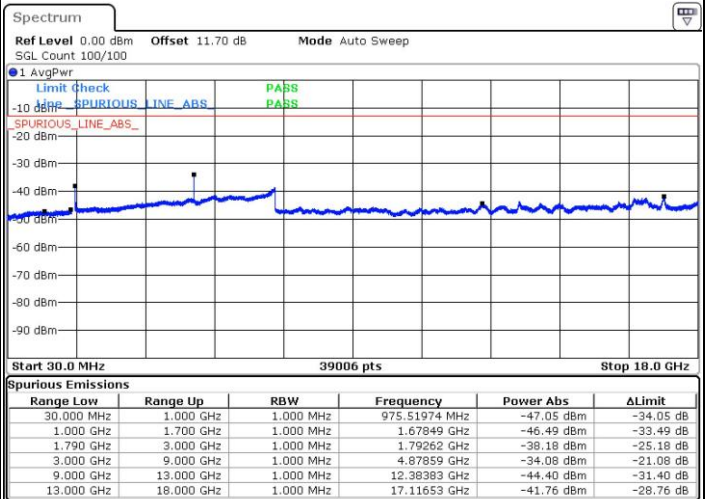
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 4.NOV.2016 16:14:47

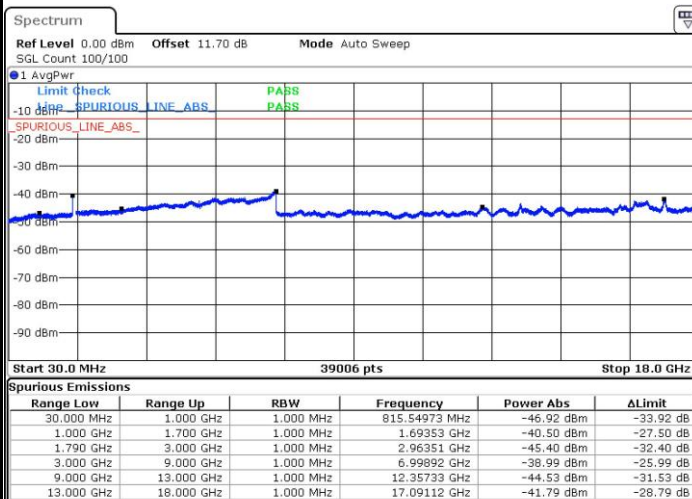
Highest Channel / 16QAM



Date: 4.NOV.2016 16:15:44

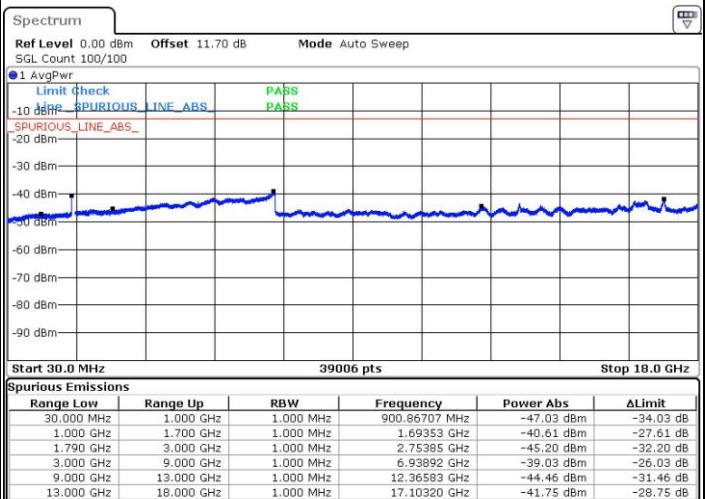
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 4.NOV.2016 16:16:41

Lowest Channel / 16QAM

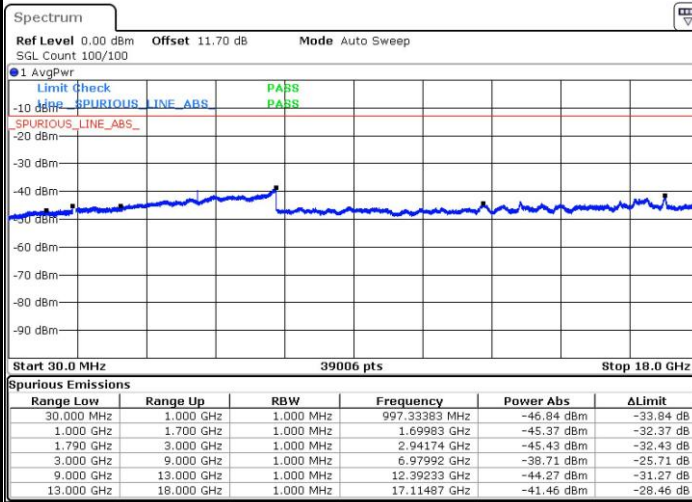


Date: 4.NOV.2016 16:17:38



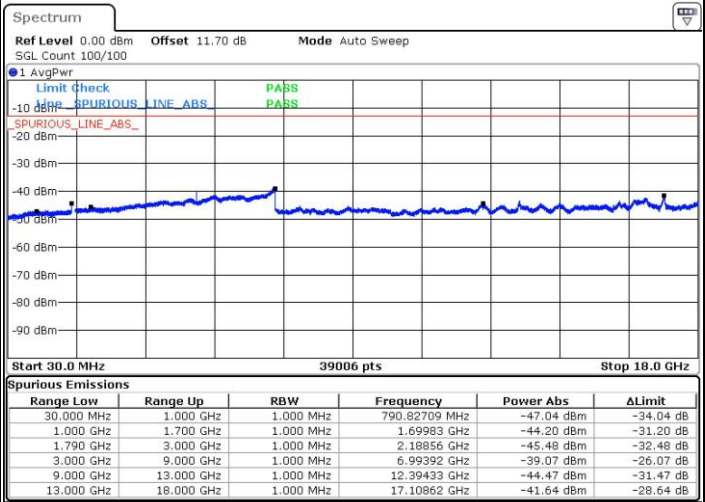
LTE Band 66 / 20MHz

Middle Channel / QPSK



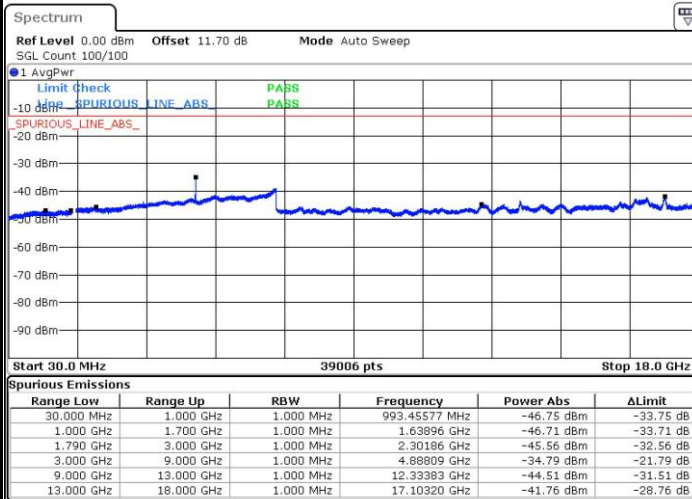
Date: 4.NOV.2016 16:19:13

Middle Channel / 16QAM



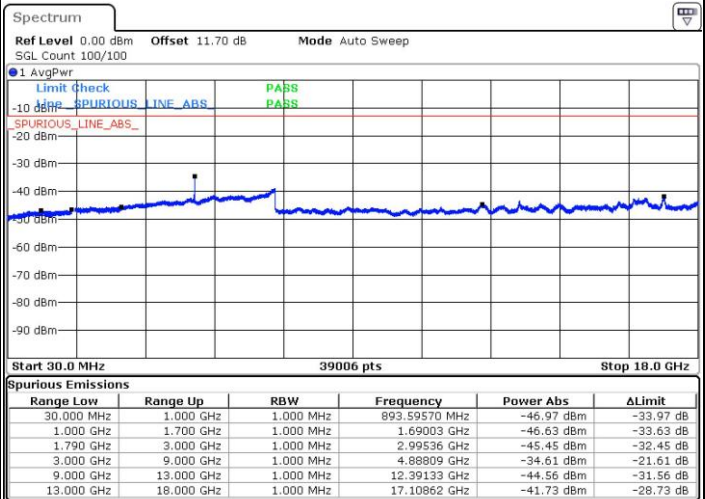
Date: 4.NOV.2016 16:20:10

Highest Channel / QPSK



Date: 4.NOV.2016 16:21:07

Highest Channel / 16QAM



Date: 4.NOV.2016 16:24:43

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	0.0001	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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 = -1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	23.64	0.2312	22.24	0.1675
Middle		3	3	23.63	0.2307	22.23	0.1671
Highest		3	3	23.52	0.2249	22.12	0.1629
Lowest	16QAM	1	0	22.74	0.1879	21.34	0.1361
Middle		1	0	22.79	0.1901	21.39	0.1377
Highest		1	0	22.69	0.1858	21.29	0.1346
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.69	0.2339	22.29	0.1694
Middle		1	0	23.67	0.2328	22.27	0.1687
Highest		1	0	23.57	0.2275	22.17	0.1648
Lowest	16QAM	1	0	22.84	0.1923	21.44	0.1393
Middle		1	0	22.86	0.1932	21.46	0.1400
Highest		1	0	22.78	0.1897	21.38	0.1374
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.59	0.2286	22.19	0.1656
Middle		1	0	23.49	0.2234	22.09	0.1618
Highest		1	0	23.37	0.2173	21.97	0.1574
Lowest	16QAM	1	12	22.83	0.1919	21.43	0.1390
Middle		1	12	22.88	0.1941	21.48	0.1406
Highest		1	12	22.79	0.1901	21.39	0.1377
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.56	0.2270	22.16	0.1644
Middle		1	0	23.56	0.2270	22.16	0.1644
Highest		1	0	23.61	0.2296	22.21	0.1663
Lowest	16QAM	1	0	22.88	0.1941	21.48	0.1406
Middle		1	0	22.92	0.1959	21.52	0.1419
Highest		1	0	22.83	0.1919	21.43	0.1390
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.72	0.2355	22.32	0.1706
Middle		1	0	23.61	0.2296	22.21	0.1663
Highest		1	0	23.65	0.2317	22.25	0.1679
Lowest	16QAM	1	0	22.99	0.1991	21.59	0.1442
Middle		1	0	22.96	0.1977	21.56	0.1432
Highest		1	0	23.00	0.1995	21.60	0.1445
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.91	0.2460	22.51	0.1782
Middle		1	0	23.87	0.2438	22.47	0.1766
Highest		1	0	23.58	0.2280	22.18	0.1652
Lowest	16QAM	1	0	23.00	0.1995	21.60	0.1445
Middle		1	0	22.96	0.1977	21.56	0.1432
Highest		1	0	22.96	0.1977	21.56	0.1432
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	23.86	0.2432	20.56	0.1138
Middle		3	3	23.75	0.2371	20.45	0.1109
Highest		3	3	23.23	0.2104	19.93	0.0984
Lowest	16QAM	1	5	22.97	0.1982	19.67	0.0927
Middle		1	5	22.83	0.1919	19.53	0.0897
Highest		1	5	22.29	0.1694	18.99	0.0793
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.94	0.2477	20.64	0.1159
Middle		1	14	23.77	0.2382	20.47	0.1114
Highest		1	14	23.22	0.2099	19.92	0.0982
Lowest	16QAM	1	14	22.98	0.1986	19.68	0.0929
Middle		1	14	22.91	0.1954	19.61	0.0914
Highest		1	14	22.40	0.1738	19.10	0.0813
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.69	0.2339	20.39	0.1094
Middle		1	12	23.77	0.2382	20.47	0.1114
Highest		1	12	23.60	0.2291	20.30	0.1072
Lowest	16QAM	1	0	22.95	0.1972	19.65	0.0923
Middle		1	0	22.90	0.1950	19.60	0.0912
Highest		1	0	22.87	0.1936	19.57	0.0906
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.57	0.2275	20.27	0.1064
Middle		1	0	23.85	0.2427	20.55	0.1135
Highest		1	0	23.81	0.2404	20.51	0.1125
Lowest	16QAM	1	0	22.96	0.1977	19.66	0.0925
Middle		1	0	22.98	0.1986	19.68	0.0929
Highest		1	0	22.99	0.1991	19.69	0.0931
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.51	0.2244	20.21	0.1050
Middle		1	0	23.91	0.2460	20.61	0.1151
Highest		1	0	23.61	0.2296	20.31	0.1074
Lowest	16QAM	1	74	22.97	0.1982	19.67	0.0927
Middle		1	74	22.96	0.1977	19.66	0.0925
Highest		1	74	22.55	0.1799	19.25	0.0841
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.84	0.2421	20.54	0.1132
Middle		1	0	23.99	0.2506	20.69	0.1172
Highest		1	0	23.98	0.2500	20.68	0.1169
Lowest	16QAM	1	0	22.99	0.1991	19.69	0.0931
Middle		1	0	22.96	0.1977	19.66	0.0925
Highest		1	0	22.99	0.1991	19.69	0.0931
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.76	0.2377	17.41	0.0551
Middle		3	1	23.71	0.2350	17.36	0.0545
Highest		3	1	23.90	0.2455	17.55	0.0569
Lowest	16QAM	1	0	22.92	0.1959	16.57	0.0454
Middle		1	0	22.94	0.1968	16.59	0.0456
Highest		1	0	22.88	0.1941	16.53	0.0450
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.81	0.2404	17.46	0.0557
Middle		1	0	23.82	0.2410	17.47	0.0558
Highest		1	0	23.92	0.2466	17.57	0.0571
Lowest	16QAM	1	0	23.00	0.1995	16.65	0.0462
Middle		1	0	23.00	0.1995	16.65	0.0462
Highest		1	0	22.95	0.1972	16.60	0.0457
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.80	0.2399	17.45	0.0556
Middle		1	12	23.78	0.2388	17.43	0.0553
Highest		1	12	23.92	0.2466	17.57	0.0571
Lowest	16QAM	1	0	22.97	0.1982	16.62	0.0459
Middle		1	0	22.99	0.1991	16.64	0.0461
Highest		1	0	22.96	0.1977	16.61	0.0458
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.82	0.2410	17.47	0.0558
Middle		1	0	23.93	0.2472	17.58	0.0573
Highest		1	0	23.79	0.2393	17.44	0.0555
Lowest	16QAM	1	0	22.99	0.1991	16.64	0.0461
Middle		1	0	23.00	0.1995	16.65	0.0462
Highest		1	0	22.95	0.1972	16.60	0.0457
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.52	0.1419	21.62	0.1452
Middle		1	12	21.56	0.1432	21.66	0.1466
Highest		1	12	21.39	0.1377	21.49	0.1409
Lowest	16QAM	1	12	20.83	0.1211	20.93	0.1239
Middle		1	12	20.88	0.1225	20.98	0.1253
Highest		1	12	20.72	0.1180	20.82	0.1208
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	21.42	0.1387	21.52	0.1419
Middle		1	49	21.61	0.1449	21.71	0.1483
Highest		1	49	21.48	0.1406	21.58	0.1439
Lowest	16QAM	1	49	20.87	0.1222	20.97	0.1250
Middle		1	49	20.94	0.1242	21.04	0.1271
Highest		1	49	20.82	0.1208	20.92	0.1236
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	21.40	0.1380	21.50	0.1413
Middle		1	74	21.65	0.1462	21.75	0.1496
Highest		1	74	21.55	0.1429	21.65	0.1462
Lowest	16QAM	1	74	20.94	0.1242	21.04	0.1271
Middle		1	74	20.99	0.1256	21.09	0.1285
Highest		1	74	20.89	0.1227	20.99	0.1256
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.74	0.1493	21.84	0.1528
Middle		1	0	21.65	0.1462	21.75	0.1496
Highest		1	0	21.71	0.1483	21.81	0.1517
Lowest	16QAM	1	0	20.99	0.1256	21.09	0.1285
Middle		1	0	20.98	0.1253	21.08	0.1282
Highest		1	0	21.00	0.1259	21.10	0.1288
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -7.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.50	0.2818	15.05	0.0320
Middle		3	1	24.41	0.2761	14.96	0.0313
Highest		3	1	23.99	0.2506	14.54	0.0284
Lowest	16QAM	1	3	23.49	0.2234	14.04	0.0254
Middle		1	3	23.40	0.2188	13.95	0.0248
Highest		1	3	23.05	0.2018	13.60	0.0229
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -7.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	24.43	0.2773	14.98	0.0315
Middle		1	14	24.46	0.2793	15.01	0.0317
Highest		1	14	24.00	0.2512	14.55	0.0285
Lowest	16QAM	1	8	23.41	0.2193	13.96	0.0249
Middle		1	8	23.46	0.2218	14.01	0.0252
Highest		1	8	23.18	0.2080	13.73	0.0236
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -7.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.46	0.2793	15.01	0.0317
Middle		1	0	24.38	0.2742	14.93	0.0311
Highest		1	0	24.13	0.2588	14.68	0.0294
Lowest	16QAM	1	0	22.46	0.1762	13.01	0.0200
Middle		1	0	23.49	0.2234	14.04	0.0254
Highest		1	0	23.32	0.2148	13.87	0.0244
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average) (GT - LC = -7.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.48	0.2805	15.03	0.0318
Middle		1	0	24.49	0.2812	15.04	0.0319
Highest		1	0	24.42	0.2767	14.97	0.0314
Lowest	16QAM	1	0	23.44	0.2208	13.99	0.0251
Middle		1	0	23.49	0.2234	14.04	0.0254
Highest		1	0	23.41	0.2193	13.96	0.0249
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.35	0.2723	19.20	0.0832
Middle		1	12	24.33	0.2710	19.18	0.0828
Highest		1	12	24.21	0.2636	19.06	0.0805
Lowest	16QAM	1	24	23.50	0.2239	18.35	0.0684
Middle		1	24	23.45	0.2213	18.30	0.0676
Highest		1	24	23.37	0.2173	18.22	0.0664
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.40	0.2754	19.25	0.0841
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.49	0.2234	18.34	0.0682
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -7.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.40	0.2754	15.15	0.0327
Middle		1	12	24.35	0.2723	15.10	0.0324
Highest		1	12	24.13	0.2588	14.88	0.0308
Lowest	16QAM	1	12	23.44	0.2208	14.19	0.0262
Middle		1	12	23.50	0.2239	14.25	0.0266
Highest		1	12	23.33	0.2153	14.08	0.0256
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -7.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.40	0.2754	15.15	0.0327
Middle		1	0	24.41	0.2761	15.16	0.0328
Highest		1	0	24.39	0.2748	15.14	0.0327
Lowest	16QAM	1	0	23.44	0.2208	14.19	0.0262
Middle		1	0	23.49	0.2234	14.24	0.0265
Highest		1	0	23.49	0.2234	14.24	0.0265
Limit	ERP < 3W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	23.11	0.2046	20.31	0.1074
Middle		3	3	23.15	0.2065	20.35	0.1084
Highest		3	3	22.29	0.1694	19.49	0.0889
Lowest	16QAM	1	0	22.16	0.1644	19.36	0.0863
Middle		1	0	22.26	0.1683	19.46	0.0883
Highest		1	0	21.64	0.1459	18.84	0.0766
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.08	0.2032	20.28	0.1067
Middle		1	0	23.16	0.2070	20.36	0.1086
Highest		1	0	22.91	0.1954	20.11	0.1026
Lowest	16QAM	1	0	22.30	0.1698	19.50	0.0891
Middle		1	0	22.34	0.1714	19.54	0.0899
Highest		1	0	22.11	0.1626	19.31	0.0853
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.19	0.2084	20.39	0.1094
Middle		1	12	23.20	0.2089	20.40	0.1096
Highest		1	12	22.93	0.1963	20.13	0.1030
Lowest	16QAM	1	12	22.43	0.1750	19.63	0.0918
Middle		1	12	22.42	0.1746	19.62	0.0916
Highest		1	12	22.10	0.1622	19.30	0.0851
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.20	0.2089	20.40	0.1096
Middle		1	0	23.25	0.2113	20.45	0.1109
Highest		1	0	23.07	0.2028	20.27	0.1064
Lowest	16QAM	1	0	22.40	0.1738	19.60	0.0912
Middle		1	0	22.47	0.1766	19.67	0.0927
Highest		1	0	22.30	0.1698	19.50	0.0891
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.32	0.2148	20.52	0.1127
Middle		1	0	23.37	0.2173	20.57	0.1140
Highest		1	0	23.19	0.2084	20.39	0.1094
Lowest	16QAM	1	0	22.43	0.1750	19.63	0.0918
Middle		1	0	22.47	0.1766	19.67	0.0927
Highest		1	0	22.39	0.1734	19.59	0.0910
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.46	0.2218	20.66	0.1164
Middle		1	0	23.47	0.2223	20.67	0.1167
Highest		1	0	23.36	0.2168	20.56	0.1138
Lowest	16QAM	1	0	22.45	0.1758	19.65	0.0923
Middle		1	0	22.44	0.1754	19.64	0.0920
Highest		1	0	22.49	0.1774	19.69	0.0931
Limit	EIRP < 1W			Result		PASS	

**Radiated Spurious Emission****LTE Band 2**

LTE Band 2 / 1.4MHz / 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	-45.55	-13	-32.55	-61.61	-57.34	0.72	12.52	H
	5550	-30.85	-13	-17.85	-50.09	-43.02	1.00	13.17	H
	7404	-34.01	-13	-21.01	-55.76	-43.4	1.18	10.57	H
	9252	-36.86	-13	-23.86	-64.04	-47.37	1.39	11.89	H
									H
	3702	-46.83	-13	-33.83	-63.05	-58.62	0.72	12.52	V
	5550	-40.41	-13	-27.41	-60.06	-52.58	1.00	13.17	V
	7404	-45.83	-13	-32.83	-67.7	-55.22	1.18	10.57	V
	9252	-39.64	-13	-26.64	-66.47	-50.15	1.39	11.89	V
									V
Middle	3762	-44.82	-13	-31.82	-60.9	-56.63	0.69	12.50	H
	5640	-32.25	-13	-19.25	-51.47	-44.38	0.98	13.12	H
	7518	-32.48	-13	-19.48	-55.39	-41.75	1.18	10.45	H
	9399	-40.19	-13	-27.19	-67.12	-50.22	1.45	11.48	H
									H
	3762	-41.41	-13	-28.41	-57.76	-53.22	0.69	12.50	V
	5640	-34.70	-13	-21.70	-54.24	-46.83	0.98	13.12	V
	7518	-41.52	-13	-28.52	-64.48	-50.79	1.18	10.45	V
	9399	-40.37	-13	-27.37	-66.59	-50.4	1.45	11.48	V
									V



Highest	3816	-44.33	-13	-31.33	-60.43	-56.12	0.69	12.47	H
	5724	-39.93	-13	-26.93	-59.31	-52	0.99	13.07	H
	7638	-30.29	-13	-17.29	-53.1	-39.89	1.18	10.79	H
	9546	-41.55	-13	-28.55	-68.05	-51.17	1.67	11.28	H
									H
	3816	-48.94	-13	-35.94	-65.41	-60.73	0.69	12.47	V
	5724	-39.51	-13	-26.51	-59.05	-51.58	0.99	13.07	V
	7638	-39.88	-13	-26.88	-62.67	-49.48	1.18	10.79	V
	9546	-40.85	-13	-27.85	-66.85	-50.47	1.67	11.28	V
									V

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



LTE Band 2 / 3MHz / 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	-44.61	-13	-31.61	-60.68	-56.4	0.72	12.52	H
	5550	-31.71	-13	-18.71	-50.95	-43.88	1.00	13.17	H
	7398	-34.17	-13	-21.17	-55.92	-43.57	1.18	10.58	H
	9252	-36.47	-13	-23.47	-63.65	-46.98	1.39	11.89	H
									H
									H
									H
	3702	-46.25	-13	-33.25	-62.47	-58.04	0.72	12.52	V
	5550	-39.60	-13	-26.60	-59.25	-51.77	1.00	13.17	V
	7398	-44.89	-13	-31.89	-66.76	-54.29	1.18	10.58	V
	9252	-39.87	-13	-26.87	-66.7	-50.38	1.39	11.89	V
									V
									V
									V
Middle	3756	-45.35	-13	-32.35	-61.44	-57.15	0.69	12.50	H
	5634	-46.25	-13	-33.25	-65.47	-58.39	0.98	13.12	H
	7512	-33.64	-13	-20.64	-56.61	-42.89	1.18	10.43	H
	9399	-38.89	-13	-25.89	-65.82	-48.92	1.45	11.48	H
									H
									H
									H
	3756	-47.18	-13	-34.18	-63.51	-58.98	0.69	12.50	V
	5634	-39.57	-13	-26.57	-59.11	-51.71	0.98	13.12	V
	7512	-42.83	-13	-29.83	-65.87	-52.08	1.18	10.43	V
	9399	-40.70	-13	-27.70	-66.92	-50.73	1.45	11.48	V
									V
									V
									V



Highest	3816	-42.66	-13	-29.66	-57.76	-54.45	0.69	12.47	H
	5724	-41.38	-13	-28.38	-60.76	-53.45	0.99	13.07	H
	7626	-30.64	-13	-17.64	-53.46	-40.21	1.18	10.75	H
	9535.5	-39.67	-13	-26.67	-66.16	-49.28	1.65	11.26	H
									H
									H
									H
	3816	-43.95	-13	-30.95	-60.42	-55.74	0.69	12.47	V
	5724	-38.04	-13	-25.04	-57.58	-50.11	0.99	13.07	V
	7626	-40.61	-13	-27.61	-63.4	-50.18	1.18	10.75	V
	9535.5	-41.04	-13	-28.04	-66.95	-50.65	1.65	11.26	V
									V
									V
									V

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



LTE Band 2 / 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	3702	-47.02	-13	-34.02	-63.08	-58.81	0.72	12.52	H
	5550	-38.13	-13	-25.13	-57.37	-50.3	1.00	13.17	H
	7404	-34.75	-13	-21.75	-56.5	-44.14	1.18	10.57	H
	9252	-37.18	-13	-24.18	-64.36	-47.69	1.39	11.89	H
									H
									H
									H
	3702	-48.66	-13	-35.66	-64.88	-60.45	0.72	12.52	V
	5550	-36.71	-13	-23.71	-56.36	-48.88	1.00	13.17	V
	7404	-42.96	-13	-29.96	-64.83	-52.35	1.18	10.57	V
	9252	-39.19	-13	-26.19	-66.02	-49.7	1.39	11.89	V
									V
									V
									V
Middle	3756	-45.33	-13	-32.33	-61.42	-57.13	0.69	12.50	H
	5634	-35.55	-13	-22.55	-54.77	-47.69	0.98	13.12	H
	7512	-32.80	-13	-19.80	-55.77	-42.05	1.18	10.43	H
	9388	-36.51	-13	-23.51	-63.44	-46.58	1.45	11.51	H
									H
									H
									H
	3756	-49.54	-13	-36.54	-65.87	-61.34	0.69	12.50	V
	5634	-35.35	-13	-22.35	-54.89	-47.49	0.98	13.12	V
	7512	-41.54	-13	-28.54	-64.58	-50.79	1.18	10.43	V
	9388	-37.73	-13	-24.73	-63.95	-47.8	1.45	11.51	V
									V
									V
									V
									V



Highest	3810	-43.05	-13	-30.05	-59.15	-54.85	0.68	12.48	H
	5718	-36.90	-13	-23.90	-56.29	-48.98	0.99	13.07	H
	7620	-30.56	-13	-17.56	-53.3	-40.11	1.18	10.74	H
	9525	-38.02	-13	-25.02	-64.49	-47.63	1.64	11.25	H
									H
									H
									H
	3810	-47.73	-13	-34.73	-64.15	-59.53	0.68	12.48	V
	5718	-35.90	-13	-22.90	-55.45	-47.98	0.99	13.07	V
	7620	-38.47	-13	-25.47	-61.2	-48.02	1.18	10.74	V
	9525	-37.98	-13	-24.98	-63.8	-47.59	1.64	11.25	V
									V
									V
									V

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



LTE Band 2 / 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	3702	-46.62	-13	-33.62	-62.68	-58.41	0.72	12.52	H
	5550	-39.38	-13	-26.38	-58.62	-51.55	1.00	13.17	H
	7404	-35.73	-13	-22.73	-57.51	-45.12	1.18	10.57	H
	9252	-37.84	-13	-24.84	-65.02	-48.35	1.39	11.89	H
									H
									H
									H
	3702	-44.37	-13	-31.37	-60.59	-56.16	0.72	12.52	V
	5550	-37.50	-13	-24.50	-57.15	-49.67	1.00	13.17	V
	7404	-43.40	-13	-30.40	-65.27	-52.79	1.18	10.57	V
	9252	-38.76	-13	-25.76	-65.59	-49.27	1.39	11.89	V
									V
									V
									V
Middle	3750	-34.48	-13	-21.48	-63.57	-46.28	0.70	12.50	H
	5628	-37.49	-13	-24.49	-56.72	-49.63	0.98	13.12	H
	7500	-32.63	-13	-19.63	-55.6	-41.85	1.18	10.40	H
	9378	-39.36	-13	-26.36	-66.33	-49.46	1.44	11.54	H
									H
									H
									H
	3750	-43.70	-13	-30.70	-60.03	-55.5	0.70	12.50	V
	5628	-38.31	-13	-25.31	-57.86	-50.45	0.98	13.12	V
	7500	-40.79	-13	-27.79	-63.83	-50.01	1.18	10.40	V
	9378	-40.82	-13	-27.82	-67.13	-50.92	1.44	11.54	V
									V
									V
									V



Highest	3804	-44.78	-13	-31.78	-60.88	-56.59	0.67	12.48	H
	5700	-35.35	-13	-22.35	-54.71	-47.44	0.99	13.08	H
	7602	-31.24	-13	-18.24	-53.92	-40.74	1.18	10.69	H
	9504	-38.46	-13	-25.46	-64.91	-48.06	1.61	11.21	H
									H
									H
									H
	3804	-46.84	-13	-33.84	-63.26	-58.65	0.67	12.48	V
	5700	-36.70	-13	-23.70	-56.25	-48.79	0.99	13.08	V
	7602	-39.03	-13	-26.03	-61.71	-48.53	1.18	10.69	V
	9504	-38.59	-13	-25.59	-64.32	-48.19	1.61	11.21	V
									V
									V
									V

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



LTE Band 2 / 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	3702	-45.57	-13	-32.57	-61.63	-57.36	0.72	12.52	H
	5550	-40.64	-13	-27.64	-59.88	-52.81	1.00	13.17	H
	7404	-35.10	-13	-22.10	-56.85	-44.49	1.18	10.57	H
	9252	-37.16	-13	-24.16	-64.34	-47.67	1.39	11.89	H
									H
									H
									H
	3702	-46.55	-13	-33.55	-62.77	-58.34	0.72	12.52	V
	5550	-39.63	-13	-26.63	-59.28	-51.80	1.00	13.17	V
	7404	-43.84	-13	-30.84	-65.71	-53.23	1.18	10.57	V
	9252	-38.19	-13	-25.19	-65.02	-48.70	1.39	11.89	V
									V
									V
									V
Middle	3744	-47.75	-13	-34.75	-63.84	-59.55	0.70	12.50	H
	5622	-38.42	-13	-25.42	-57.61	-50.57	0.98	13.13	H
	7494	-33.30	-13	-20.30	-56.06	-42.53	1.18	10.41	H
	9367	-35.06	-13	-22.06	-65.02	-45.19	1.44	11.57	H
									H
									H
									H
	3744	-49.04	-13	-36.04	-65.37	-60.84	0.70	12.50	V
	5622	-39.24	-13	-26.24	-58.77	-51.39	0.98	13.13	V
	7494	-40.86	-13	-27.86	-63.7	-50.09	1.18	10.41	V
	9367	-40.86	-13	-27.86	-64.81	-50.99	1.44	11.57	V
									V
									V
									V
									V



Highest	3792	-47.31	-13	-34.31	-63.39	-59.12	0.67	12.48	H
	5688	-37.89	-13	-24.89	-57.2	-49.99	0.99	13.09	H
	7584	-31.31	-13	-18.31	-54.05	-40.76	1.18	10.64	H
	9483	-38.02	-13	-25.02	-64.55	-47.69	1.58	11.25	H
									H
									H
									H
	3792	-50.21	-13	-37.21	-66.59	-62.02	0.67	12.48	V
	5688	-40.47	-13	-27.47	-60	-52.57	0.99	13.09	V
	7584	-40.96	-13	-27.96	-63.72	-50.41	1.18	10.64	V
	9483	-38.45	-13	-25.45	-64.27	-48.12	1.58	11.25	V
									V
									V
									V

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



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	-46.33	-13	-33.33	-62.39	-58.12	0.72	12.52	H
	5556	-38.62	-13	-25.62	-57.83	-50.79	1.00	13.17	H
	7404	-34.57	-13	-21.57	-56.32	-43.96	1.18	10.57	H
	9252	-37.96	-13	-24.96	-65.14	-48.47	1.39	11.89	H
									H
									H
									H
	3702	-46.50	-13	-33.50	-62.72	-58.29	0.72	12.52	V
	5556	-39.94	-13	-26.94	-59.55	-52.11	1.00	13.17	V
	7404	-42.58	-13	-29.58	-64.45	-51.97	1.18	10.57	V
	9252	-38.44	-13	-25.44	-65.27	-48.95	1.39	11.89	V
									V
									V
									V
Middle	3744	-44.36	-13	-31.36	-61.59	-56.16	0.70	12.50	H
	5616	-40.13	-13	-27.13	-59.32	-52.28	0.98	13.13	H
	7482	-35.10	-13	-22.10	-57.86	-44.35	1.18	10.43	H
	9357	-39.23	-13	-26.23	-66.23	-49.4	1.43	11.60	H
									H
									H
									H
	3744	-47.58	-13	-34.58	-63.91	-59.38	0.70	12.50	V
	5616	-35.70	-13	-22.70	-55.24	-47.85	0.98	13.13	V
	7482	-41.59	-13	-28.59	-64.43	-50.84	1.18	10.43	V
	9357	-40.56	-13	-27.56	-66.94	-50.73	1.43	11.60	V
									V
									V
									V



Highest	3780	-45.55	-13	-32.55	-61.64	-57.36	0.68	12.49	H
	5676	-38.54	-13	-25.54	-57.83	-50.65	0.99	13.09	H
	7566	-31.67	-13	-18.67	-54.45	-41.07	1.18	10.58	H
	9451	-39.98	-13	-26.98	-66.68	-49.79	1.53	11.34	H
									H
									H
									H
	3780	-49.48	-13	-36.48	-68.87	-61.29	0.68	12.49	V
	5676	-39.99	-13	-26.99	-59.53	-52.10	0.99	13.09	V
	7566	-39.61	-13	-26.61	-62.42	-49.01	1.18	10.58	V
	9451	-39.53	-13	-26.53	-65.51	-49.34	1.53	11.34	V
									V
									V
									V

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

**LTE Band 4**

LTE Band 4 / 1.4MHz / 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	-48.31	-13	-35.31	-63.25	-59.9	0.77	12.36	H
	5130	-42.09	-13	-29.09	-60.3	-53.58	0.97	12.46	H
	6840	-37.38	-13	-24.38	-58.87	-48.23	0.81	11.65	H
	8550	-40.24	-13	-27.24	-65.3	-50.85	1.36	11.97	H
									H
									H
									H
	3420	-49.50	-13	-36.50	-64.54	-61.09	0.77	12.36	V
	5130	-42.77	-13	-29.77	-61.61	-54.26	0.97	12.46	V
	6840	-25.67	-13	-12.67	-47.29	-36.52	0.81	11.65	V
	8550	-36.38	-13	-23.38	-61.01	-46.99	1.36	11.97	V
									V
									V
									V
Middle	3462	-46.58	-13	-33.58	-61.98	-58.29	0.78	12.49	H
	5196	-42.64	-13	-29.64	-61.03	-54.24	0.99	12.59	H
	6930	-36.40	-13	-23.40	-58	-46.85	1.01	11.45	H
	8658	-41.19	-13	-28.19	-66.94	-51.92	1.39	12.12	H
									H
									H
									H
	3462	-47.94	-13	-34.94	-63.45	-59.65	0.78	12.49	V
	5196	-40.45	-13	-27.45	-59.45	-52.05	0.99	12.59	V
	6930	-27.45	-13	-14.45	-49.12	-37.9	1.01	11.45	V
	8658	-37.07	-13	-24.07	-62.42	-47.8	1.39	12.12	V
									V
									V
									V



Highest	3510	-48.15	-13	-35.15	-64.03	-59.97	0.78	12.60	H
	5262	-44.52	-13	-31.52	-63.14	-56.23	1.01	12.72	H
	7014	-37.09	-13	-24.09	-58.82	-47.2	1.17	11.27	H
	8772	-39.78	-13	-26.78	-66.08	-50.66	1.40	12.28	H
									H
									H
									H
	3510	-48.19	-13	-35.19	-64.18	-60.01	0.78	12.60	V
	5262	-40.37	-13	-27.37	-59.67	-52.08	1.01	12.72	V
	7014	-28.74	-13	-15.74	-50.5	-38.85	1.17	11.27	V
	8772	-37.53	-13	-24.53	-63.46	-48.41	1.40	12.28	V
									V
									V
									V

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



LTE Band 4 / 3MHz / 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	-46.86	-13	-33.86	-61.8	-58.45	0.77	12.36	H
	5130	-42.77	-13	-29.77	-60.98	-54.26	0.97	12.46	H
	6840	-37.05	-13	-24.05	-58.54	-47.9	0.81	11.65	H
	8550	-41.91	-13	-28.91	-66.97	-52.52	1.36	11.97	H
									H
									H
									H
	3420	-49.70	-13	-36.70	-64.74	-61.29	0.77	12.36	V
	5130	-42.94	-13	-29.94	-61.78	-54.43	0.97	12.46	V
	5840	-26.29	-13	-13.29	-47.91	-38.23	1.05	13.00	V
	8550	-37.35	-13	-24.35	-61.98	-47.96	1.36	11.97	V
									V
									V
									V
									V
Middle	3462	-47.56	-13	-34.56	-62.96	-59.27	0.78	12.49	H
	5196	-42.93	-13	-29.93	-61.32	-54.53	0.99	12.59	H
	6924	-38.56	-13	-25.56	-60.18	-49.03	0.99	11.47	H
	8658	-39.98	-13	-26.98	-65.73	-50.71	1.39	12.12	H
									H
									H
									H
	3462	-48.33	-13	-35.33	-63.84	-60.04	0.78	12.49	V
	5196	-39.95	-13	-26.95	-58.95	-51.55	0.99	12.59	V
	6924	-27.06	-13	-14.06	-48.75	-37.53	0.99	11.47	V
	8658	-35.55	-13	-22.55	-60.9	-46.28	1.39	12.12	V
									V
									V
									V
									V



Highest	3504	-44.20	-13	-31.20	-60.04	-56.02	0.78	12.60	H
	5256	-43.96	-13	-30.96	-62.57	-55.66	1.01	12.71	H
	7008	-38.18	-13	-25.18	-59.88	-48.3	1.17	11.29	H
	8760	-39.97	-13	-26.97	-66.26	-50.83	1.40	12.26	H
									H
									H
									H
	3504	-46.61	-13	-33.61	-62.58	-58.43	0.78	12.60	V
	5256	-41.05	-13	-28.05	-60.34	-52.75	1.01	12.71	V
	7008	-27.23	-13	-14.23	-48.95	-37.35	1.17	11.29	V
	8760	-37.10	-13	-24.10	-63.02	-47.96	1.40	12.26	V
									V
									V
									V

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



LTE Band 4 / 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	3420	-48.60	-13	-35.60	-63.54	-60.19	0.77	12.36	H
	5130	-46.37	-13	-33.37	-64.58	-57.86	0.97	12.46	H
	6840	-36.95	-13	-23.95	-58.44	-47.8	0.81	11.65	H
	8550	-41.84	-13	-28.84	-66.9	-52.45	1.36	11.97	H
									H
									H
									H
	3420	-48.51	-13	-35.51	-63.55	-60.1	0.77	12.36	V
	5130	-48.08	-13	-35.08	-66.92	-59.57	0.97	12.46	V
	6840	-27.29	-13	-14.29	-48.91	-38.14	0.81	11.65	V
	8550	-36.99	-13	-23.99	-61.62	-47.6	1.36	11.97	V
									V
									V
									V
Middle	3462	-47.78	-13	-34.78	-63.18	-59.49	0.78	12.49	H
	5190	-45.88	-13	-32.88	-64.27	-57.47	0.99	12.58	H
	6924	-39.90	-13	-26.90	-61.52	-50.37	0.99	11.47	H
	8652	-41.60	-13	-28.60	-67.35	-52.32	1.39	12.11	H
									H
									H
									H
	3462	-50.26	-13	-37.26	-65.77	-61.97	0.78	12.49	V
	5190	-41.24	-13	-28.24	-60.24	-52.83	0.99	12.58	V
	6924	-26.32	-13	-13.32	-48.01	-36.79	0.99	11.47	V
	8652	-36.89	-13	-23.89	-62.24	-47.61	1.39	12.11	V
									V
									V
									V
									V



Highest	3498	-48.27	-13	-35.27	-64.12	-60.08	0.78	12.59	H
	5250	-49.00	-13	-36.00	-67.56	-60.69	1.01	12.70	H
	7002	-38.53	-13	-25.53	-60.24	-48.66	1.16	11.30	H
	8754	-38.94	-13	-25.94	-65.14	-49.8	1.40	12.26	H
									H
									H
									H
	3498	-47.36	-13	-34.36	-63.34	-59.17	0.78	12.59	V
	5250	-44.14	-13	-31.14	-63.35	-55.83	1.01	12.70	V
	7002	-26.41	-13	-13.41	-48.14	-36.54	1.16	11.30	V
	8754	-36.27	-13	-23.27	-62.1	-47.13	1.40	12.26	V
									V
									V
									V

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



LTE Band 4 / 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	3420	-45.86	-13	-32.86	-60.8	-57.45	0.77	12.36	H
	5130	-37.53	-13	-24.53	-55.74	-49.02	0.97	12.46	H
	6840	-35.36	-13	-22.36	-56.85	-46.21	0.81	11.65	H
	8550	-43.82	-13	-30.82	-68.88	-54.43	1.36	11.97	H
									H
									H
									H
	3420	-47.43	-13	-34.43	-62.47	-59.02	0.77	12.36	V
	5130	-41.38	-13	-28.38	-60.22	-52.87	0.97	12.46	V
	6840	-29.18	-13	-16.18	-50.8	-40.03	0.81	11.65	V
	8550	-38.05	-13	-25.05	-62.68	-48.66	1.36	11.97	V
									V
									V
									V
Middle	3456	-46.26	-13	-33.26	-61.67	-57.95	0.78	12.47	H
	5184	-39.09	-13	-26.09	-57.48	-50.67	0.99	12.57	H
	6912	-38.67	-13	-25.67	-60.26	-49.2	0.97	11.49	H
	8640	-41.35	-13	-28.35	-67.01	-52.06	1.39	12.10	H
									H
									H
									H
	3456	-46.58	-13	-33.58	-62.1	-58.27	0.78	12.47	V
	5184	-42.49	-13	-29.49	-61.49	-54.07	0.99	12.57	V
	6912	-27.52	-13	-14.52	-49.19	-38.05	0.97	11.49	V
	8640	-38.44	-13	-25.44	-63.7	-49.15	1.39	12.10	V
									V
									V
									V



Highest	3492	-46.47	-13	-33.47	-62.32	-58.27	0.78	12.58	H
	5238	-46.57	-13	-33.57	-65.13	-58.24	1.01	12.68	H
	6984	-34.81	-13	-21.81	-56.49	-45.02	1.13	11.34	H
	8730	-42.36	-13	-29.36	-68.46	-53.18	1.40	12.22	H
									H
									H
									H
	3492	-49.31	-13	-36.31	-65.29	-61.11	0.78	12.58	V
	5238	-49.31	-13	-36.31	-68.52	-60.98	1.01	12.68	V
	6984	-26.09	-13	-13.09	-47.8	-36.3	1.13	11.34	V
	8730	-36.25	-13	-23.25	-61.98	-47.07	1.40	12.22	V
									V
									V
									V

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



LTE Band 4 / 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	3420	-47.21	-13	-34.21	-62.15	-58.8	0.77	12.36	H
	5130	-37.95	-13	-24.95	-56.16	-49.44	0.97	12.46	H
	6846	-36.65	-13	-23.65	-58.14	-47.47	0.82	11.64	H
	8556	-42.02	-13	-29.02	-67.08	-52.64	1.36	11.98	H
									H
									H
									H
	3420	-49.31	-13	-36.31	-64.35	-60.9	0.77	12.36	V
	5130	-38.23	-13	-25.23	-57.07	-49.72	0.97	12.46	V
	6846	-27.37	-13	-14.37	-48.99	-38.19	0.82	11.64	V
	8556	-37.28	-13	-24.28	-61.91	-47.9	1.36	11.98	V
									V
									V
									V
Middle	3450	-42.85	-13	-29.85	-58.01	-54.52	0.78	12.45	H
	5178	-43.03	-13	-30.03	-61.36	-54.6	0.98	12.56	H
	6906	-36.62	-13	-23.62	-58.21	-47.17	0.95	11.51	H
	8628	-41.83	-13	-28.83	-67.4	-52.52	1.39	12.08	H
									H
									H
									H
	3450	-48.60	-13	-35.60	-63.87	-60.27	0.78	12.45	V
	5178	-37.20	-13	-24.20	-56.15	-48.77	0.98	12.56	V
	6906	-26.16	-13	-13.16	-47.83	-36.71	0.95	11.51	V
	8628	-37.43	-13	-24.43	-62.59	-48.12	1.39	12.08	V
									V
									V
									V



Highest	3480	-45.27	-13	-32.27	-60.89	-57.03	0.78	12.54	H
	5220	-41.62	-13	-28.62	-60.12	-53.26	1.00	12.64	H
	6966	-39.99	-13	-26.99	-61.65	-50.28	1.09	11.37	H
	8706	-42.12	-13	-29.12	-68.14	-52.91	1.40	12.19	H
									H
									H
									H
	3480	-46.71	-13	-33.71	-62.45	-58.47	0.78	12.54	V
	5220	-41.62	-13	-28.62	-60.76	-53.26	1.00	12.64	V
	6966	-29.08	-13	-16.08	-50.78	-39.37	1.09	11.37	V
	8706	-36.22	-13	-23.22	-61.86	-47.01	1.40	12.19	V
									V
									V
									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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-49.03	-13	-36.03	-63.97	-60.62	0.77	12.36	H
	5136	-40.52	-13	-27.52	-58.73	-52.02	0.97	12.47	H
	6846	-38.36	-13	-25.36	-59.85	-49.18	0.82	11.64	H
	8556	-43.02	-13	-30.02	-68.08	-53.64	1.36	11.98	H
									H
									H
									H
	3420	-49.72	-13	-36.72	-64.76	-61.31	0.77	12.36	V
	5136	-43.11	-13	-30.11	-61.95	-54.61	0.97	12.47	V
	6846	-27.89	-13	-14.89	-49.51	-38.71	0.82	11.64	V
	8556	-37.15	-13	-24.15	-61.78	-47.77	1.36	11.98	V
									V
									V
									V
Middle	3450	-50.16	-13	-37.16	-65.32	-61.83	0.78	12.45	H
	5172	-42.51	-13	-29.51	-60.84	-54.07	0.98	12.54	H
	6894	-40.10	-13	-27.10	-61.67	-50.71	0.93	11.53	H
	8616	-40.32	-13	-27.32	-65.9	-51	1.39	12.06	H
									H
									H
									H
	3450	-51.84	-13	-38.84	-67.11	-63.51	0.78	12.45	V
	5172	-43.87	-13	-30.87	-62.82	-55.43	0.98	12.54	V
	6894	-25.93	-13	-12.93	-47.59	-36.54	0.93	11.53	V
	8616	-38.48	-13	-25.48	-63.65	-49.16	1.39	12.06	V
									V
									V
									V
									V



Highest	3474	-46.11	-13	-33.11	-61.73	-57.85	0.78	12.52	H
	5208	-42.12	-13	-29.12	-60.57	-53.74	0.99	12.62	H
	6942	-39.03	-13	-26.03	-60.67	-49.42	1.03	11.43	H
	8682	-41.80	-13	-28.80	-67.64	-52.56	1.39	12.15	H
									H
									H
									H
	3474	-48.24	-13	-35.24	-63.98	-59.98	0.78	12.52	V
	5208	-42.02	-13	-29.02	-61.08	-53.64	0.99	12.62	V
	6942	-26.38	-13	-13.38	-48.08	-36.77	1.03	11.43	V
	8682	-36.79	-13	-23.79	-62.23	-47.55	1.39	12.15	V
									V
									V
									V

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

**LTE Band 5**

LTE Band 5 / 1.4MHz / 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	-61.76	-13	-48.76	-62.76	-68.71	0.53	9.63	H
	2472	-51.94	-13	-38.94	-63.88	-59.92	0.65	10.78	H
	3296	-55.60	-13	-42.60	-69.9	-64.68	0.76	11.99	H
									H
									H
									H
									H
	1648	-57.10	-13	-44.10	-65.76	-64.05	0.53	9.63	V
	2472	-52.81	-13	-39.81	-65.63	-60.79	0.65	10.78	V
	3296	-55.65	-13	-42.65	-69.96	-64.73	0.76	11.99	V
									V
									V
									V
									V
Middle	1672	-54.47	-13	-41.47	-63.4	-61.47	0.53	9.68	H
	2508	-50.32	-13	-37.32	-62.15	-58.32	0.66	10.80	H
	3344	-55.28	-13	-42.28	-69.45	-64.5	0.76	12.13	H
									H
									H
									H
									H
	1672	-56.32	-13	-43.32	-65	-63.32	0.53	9.68	V
	2508	-51.92	-13	-38.92	-64.64	-59.92	0.66	10.80	V
	3344	-54.85	-13	-41.85	-69.05	-64.07	0.76	12.13	V
									V
									V
									V
									V



Highest	1696	-57.64	-13	-44.64	-66.63	-64.69	0.53	9.73	H
	2544	-47.28	-13	-34.28	-59.2	-55.29	0.67	10.83	H
	3392	-54.97	-13	-41.97	-68.94	-64.33	0.77	12.28	H
									H
									H
									H
									H
	1696	-58.77	-13	-45.77	-67.47	-65.82	0.53	9.73	V
	2544	-46.67	-13	-33.67	-59.29	-54.68	0.67	10.83	V
	3392	-54.57	-13	-41.57	-68.61	-63.93	0.77	12.28	V
									V
									V
									V
									V

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



LTE Band 5 / 3MHz / 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	-54.13	-13	-41.13	-63.02	-61.08	0.53	9.63	H
	2472	-51.88	-13	-38.88	-63.82	-59.86	0.65	10.78	H
	3296	-54.85	-13	-41.85	-69.15	-63.93	0.76	11.99	H
									H
									H
									H
									H
	1648	-57.02	-13	-44.02	-65.68	-63.97	0.53	9.63	V
	2472	-52.03	-13	-39.03	-46.85	-60.01	0.65	10.78	V
	3296	-54.59	-13	-41.59	-68.9	-63.67	0.76	11.99	V
									V
									V
									V
									V
Middle	1672	-56.10	-13	-43.10	-65.03	-63.1	0.53	9.68	H
	2504	-50.51	-13	-37.51	-62.35	-58.51	0.66	10.80	H
	3336	-55.20	-13	-42.20	-69.38	-64.4	0.76	12.11	H
									H
									H
									H
									H
	1672	-56.82	-13	-43.82	-65.5	-63.82	0.53	9.68	V
	2504	-50.80	-13	-37.80	-63.53	-58.8	0.66	10.80	V
	3336	-55.12	-13	-42.12	-69.33	-64.32	0.76	12.11	V
									V
									V
									V
									V



Highest	1688	-56.76	-13	-43.76	-65.74	-63.79	0.53	9.71	H
	2536	-47.72	-13	-34.72	-59.6	-55.73	0.66	10.82	H
	3384	-55.37	-13	-42.37	-69.34	-64.7	0.77	12.25	H
									H
									H
									H
									H
	1688	-58.36	-13	-45.36	-678.08	-65.39	0.53	9.71	V
	2536	-48.19	-13	-35.19	-60.87	-56.2	0.66	10.82	V
	3384	-53.96	-13	-40.96	-68	-63.29	0.77	12.25	V
									V
									V
									V
									V

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



LTE Band 5 / 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	1648	-53.41	-13	-40.41	-62.3	-60.36	0.53	9.63	H
	2472	-55.33	-13	-42.33	-67.27	-63.31	0.65	10.78	H
	3296	-55.42	-13	-42.42	-69.72	-64.5	0.76	11.99	H
									H
									H
									H
									H
	1648	-57.45	-13	-44.45	-66.11	-64.4	0.53	9.63	V
	2472	-54.75	-13	-41.75	-67.57	-62.73	0.65	10.78	V
	3296	-54.56	-13	-41.56	-68.87	-63.64	0.76	11.99	V
									V
									V
									V
									V
Middle	1672	-55.26	-13	-42.26	-64.19	-62.26	0.53	9.68	H
	2504	-53.80	-13	-40.80	-65.64	-61.8	0.66	10.80	H
	3336	-53.82	-13	-40.82	-68	-63.02	0.76	12.11	H
									H
									H
									H
									H
	1672	-54.78	-13	-41.78	-63.46	-61.78	0.53	9.68	V
	2504	-51.53	-13	-38.53	-64.26	-59.53	0.66	10.80	V
	3336	-55.10	-13	-42.10	-69.31	-64.3	0.76	12.11	V
									V
									V
									V
									V



Highest	1688	-56.79	-13	-43.79	-65.77	-63.82	0.53	9.71	H
	2536	-51.14	-13	-38.14	-63.02	-59.15	0.66	10.82	H
	3384	-55.40	-13	-42.40	-69.37	-64.73	0.77	12.25	H
									H
									H
									H
									H
	1688	-56.20	-13	-43.20	-64.92	-63.23	0.53	9.71	V
	2536	-49.16	-13	-36.16	-61.84	-57.17	0.66	10.82	V
	3384	-55.54	-13	-42.54	-69.58	-64.87	0.77	12.25	V
									V
									V
									V
									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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-55.26	-13	-42.26	-46.15	-62.21	0.53	9.63	H
	2472	-55.92	-13	-42.92	-67.86	-63.9	0.65	10.78	H
	4120	-53.36	-13	-40.36	-69.2	-62.7	0.86	12.35	H
									H
									H
									H
									H
	1648	-57.47	-13	-44.47	-66.13	-64.42	0.53	9.63	V
	2472	-48.87	-13	-35.87	-61.69	-56.85	0.65	10.78	V
	4120	-48.60	-13	-35.60	-65.33	-57.94	0.86	12.35	V
									V
									V
									V
									V
Middle	1664	-55.56	-13	-42.56	-64.49	-62.54	0.53	9.66	H
	2496	-50.82	-13	-37.82	-62.62	-58.81	0.65	10.80	H
	3328	-54.33	-13	-41.33	-68.5	-63.5	0.76	12.08	H
									H
									H
									H
									H
	1664	-56.99	-13	-43.99	-65.67	-63.97	0.53	9.66	V
	2496	-54.54	-13	-41.54	-67.33	-62.53	0.65	10.80	V
	3328	-54.23	-13	-41.23	-68.43	-63.4	0.76	12.08	V
									V
									V
									V
									V



Highest	1680	-53.51	-13	-40.51	-62.49	-60.53	0.53	9.70	H
	2520	-44.49	-13	-31.49	-56.37	-52.49	0.66	10.81	H
	3360	-55.05	-13	-42.05	-69.16	-64.31	0.77	12.18	H
									H
									H
									H
									H
	1680	-58.17	-13	-45.17	-66.89	-65.19	0.53	9.70	V
	2520	-46.64	-13	-33.64	-59.32	-54.64	0.66	10.81	V
	3360	-54.91	-13	-41.91	-69.07	-64.17	0.77	12.18	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	4998	-50.50	-25	-25.50	-68.36	-61.77	0.93	12.20	H
	7500	-43.61	-25	-18.61	-66.58	-52.83	1.18	10.40	H
	10008	-37.12	-25	-12.12	-65.34	-47.84	1.37	12.08	H
									H
									H
									H
									H
	4998	-47.89	-25	-22.89	-66.42	-59.16	0.93	12.20	V
	7500	-36.59	-25	-11.59	-59.63	-45.81	1.18	10.40	V
	10008	-39.95	-25	-14.95	-67.8	-50.67	1.37	12.08	V
									V
									V
									V
									V
Middle	5064	-49.77	-25	-24.77	-67.76	-61.14	0.95	12.33	H
	7596	-43.49	-25	-18.49	-66.37	-52.98	1.18	10.67	H
	10134	-37.25	-25	-12.25	-65.16	-47.72	1.38	11.85	H
									H
									H
									H
									H
	5064	-49.07	-25	-24.07	-67.71	-60.44	0.95	12.33	V
	7596	-36.44	-25	-11.44	-59.12	-45.93	1.18	10.67	V
	10134	-42.75	-25	-17.75	-43.75	-53.22	1.38	11.85	V
									V
									V
									V
									V



Highest	5130	-50.90	-25	-25.90	-69.11	-62.39	0.97	12.46	H
	7698	-43.60	-25	-18.60	-66.67	-53.37	1.19	10.95	H
	10260	-40.52	-25	-15.52	-68.13	-50.73	1.39	11.61	H
									H
									H
									H
									H
	5130	-47.91	-25	-22.91	-66.75	-59.4	0.97	12.46	V
	7698	-33.31	-25	-8.31	-56.34	-43.08	1.19	10.95	V
	10260	-44.18	-25	-19.18	-71.74	-54.39	1.39	11.61	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	4998	-51.17	-25	-26.17	-69.03	-62.44	0.93	12.20	H
	7500	-44.66	-25	-19.66	-67.63	-53.88	1.18	10.40	H
	10008	-36.64	-25	-11.64	-64.86	-47.36	1.37	12.08	H
									H
									H
									H
									H
	4998	-49.04	-25	-24.04	-67.57	-60.31	0.93	12.20	V
	7500	-37.60	-25	-12.60	-60.64	-46.82	1.18	10.40	V
	10008	-41.19	-25	-16.19	-69.04	-51.91	1.37	12.08	V
									V
									V
									V
									V
Middle	5058	-50.87	-25	-25.87	-68.86	-62.23	0.95	12.32	H
	7590	-45.18	-25	-20.18	-67.86	-54.65	1.18	10.65	H
	10116	-38.75	-25	-13.75	-66.72	-49.25	1.38	11.88	H
									H
									H
									H
									H
	5058	-48.32	-25	-23.32	-66.96	-59.68	0.95	12.32	V
	7590	-35.61	-25	-10.61	-58.32	-45.08	1.18	10.65	V
	10116	-43.93	-25	-18.93	-71.66	-54.43	1.38	11.88	V
									V
									V
									V
									V



Highest	5124	-51.05	-25	-26.05	-69.2	-62.53	0.97	12.45	H
	7680	-43.87	-25	-18.87	-66.88	-53.59	1.19	10.90	H
	10240	-41.92	-25	-16.92	-69.58	-52.17	1.39	11.64	H
									H
									H
									H
									H
	5124	-46.74	-25	-21.74	-65.52	-58.22	0.97	12.45	V
	7680	-35.14	-25	-10.14	-58.12	-44.86	1.19	10.90	V
	10240	-44.18	-25	-19.18	-71.77	-54.43	1.39	11.64	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	4998	-51.10	-25	-26.10	-68.97	-62.37	0.93	12.20	H
	7500	-44.00	-25	-19.00	-66.97	-53.22	1.18	10.40	H
	10008	-38.38	-25	-13.38	-66.6	-49.1	1.37	12.08	H
									H
									H
									H
									H
	4998	-47.65	-25	-22.65	-66.18	-58.92	0.93	12.20	V
	7500	-35.45	-25	-10.45	-58.49	-44.67	1.18	10.40	V
	10008	-42.56	-25	-17.56	-70.41	-53.28	1.37	12.08	V
									V
									V
									V
									V
Middle	5058	-49.50	-25	-24.50	-67.49	-60.86	0.95	12.32	H
	7584	-44.33	-25	-19.33	-67.07	-53.78	1.18	10.64	H
	10116	-39.23	-25	-14.23	-67.2	-49.73	1.38	11.88	H
									H
									H
									H
									H
	5058	-47.56	-25	-22.56	-66.2	-58.92	0.95	12.32	V
	7584	-35.88	-25	-10.88	-58.64	-45.33	1.18	10.64	V
	10116	-43.65	-25	-18.65	-71.38	-54.15	1.38	11.88	V
									V
									V
									V
									V



Highest	5112	-49.89	-25	-24.89	-68.05	-61.35	0.97	12.42	H
	7668	-43.61	-25	-18.61	-66.55	-53.3	1.19	10.87	H
	10224	-42.88	-25	-17.88	-70.57	-53.17	1.39	11.67	H
									H
									H
									H
									H
	5112	-44.98	-25	-19.98	-63.77	-56.44	0.97	5112	V
	7668	-34.95	-25	-9.95	-57.87	-44.64	1.19	7668	V
	10224	-43.70	-25	-18.70	-71.3	-53.99	1.39	10224	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	5004	-50.80	-25	-25.80	-68.61	-62.07	0.94	12.21	H
	7506	-44.43	-25	-19.43	-67.4	-53.67	1.18	10.42	H
	10008	-36.53	-25	-11.53	-64.75	-47.25	1.37	12.08	H
									H
									H
									H
									H
	5004	-47.50	-25	-22.50	-65.97	-58.77	0.94	12.21	V
	7506	-35.76	-25	-10.76	-58.8	-45	1.18	10.42	V
	10008	-40.28	-25	-15.28	-68.13	-51	1.37	12.08	V
									V
									V
									V
									V
Middle	5052	-48.84	-25	-23.84	-66.77	-60.19	0.95	12.30	H
	7578	-45.64	-25	-20.64	-68.37	-55.08	1.18	10.62	H
	10098	-40.71	-25	-15.71	-68.71	-51.25	1.38	11.91	H
									H
									H
									H
									H
	5052	-47.58	-25	-22.58	-66.16	-58.93	0.95	12.30	V
	7578	-36.17	-25	-11.17	-58.89	-45.61	1.18	10.62	V
	10098	-43.51	-25	-18.51	-71.25	-54.05	1.38	11.91	V
									V
									V
									V
									V



Highest	5106	-51.30	-25	-26.30	-69.4	-62.75	0.97	12.41	H
	7656	-43.82	-25	-18.82	-66.68	-53.47	1.18	10.84	H
	10206	-39.99	-25	-14.99	-67.73	-50.31	1.39	11.71	H
									H
									H
									H
									H
	5106	-50.00	-25	-25.00	-68.74	-61.45	0.97	12.41	V
	7656	-35.51	-25	-10.51	-58.37	-45.16	1.18	10.84	V
	10206	-42.97	-25	-17.97	-70.59	-53.29	1.39	11.71	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 / 1.4MHz / 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	1400	-54.53	-13.00	-41.53	-65.01	-60.58	0.50	8.70	H
	2096	-53.77	-13.00	-40.77	-65.87	-61.51	0.59	10.48	H
	2792	-55.69	-13.00	-42.69	-68.75	-63.81	0.70	10.98	H
									H
									H
									H
									H
	1400	-57.00	-13.00	-44.00	-66.20	-63.05	0.50	8.70	V
	2096	-55.32	-13.00	-42.32	-67.66	-63.06	0.59	10.48	V
	2792	-55.16	-13.00	-42.16	-68.62	-63.28	0.70	10.98	V
									V
									V
									V
									V
Middle	1413	-55.93	-13.00	-42.93	-66.22	-62.06	0.50	8.78	H
	2120	-45.75	-13.00	-32.75	-58.13	-53.50	0.59	10.50	H
	2824	-55.31	-13.00	-42.31	-68.41	-63.45	0.71	10.99	H
									H
									H
									H
									H
	1413	-56.84	-13.00	-43.84	-66.05	-62.97	0.50	8.78	V
	2120	-50.51	-13.00	-37.51	-63.20	-58.26	0.59	10.50	V
	2824	-54.76	-13.00	-41.76	-68.25	-62.90	0.71	10.99	V
									V
									V
									V
									V



Highest	1432	-55.98	-13.00	-42.98	-66.16	-62.22	0.50	8.89	H
	2144	-46.06	-13.00	-33.06	-59.00	-53.83	0.59	10.52	H
	2856	-54.93	-13.00	-41.93	-68.10	-63.08	0.71	11.01	H
									H
									H
									H
									H
	1432	-56.63	-13.00	-43.63	-65.91	-62.87	0.50	8.89	V
	2144	-54.19	-13.00	-41.19	-67.58	-61.96	0.59	10.52	V
	2856	-54.87	-13.00	-41.87	-68.41	-63.02	0.71	11.01	V
									V
									V
									V
									V

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



LTE Band 12 / 3MHz / 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	1400	-56.14	-13.00	-43.14	-66.62	-62.19	0.50	8.70	H
	2097	-55.12	-13.00	-42.12	-67.21	-62.86	0.59	10.48	H
	2796	-55.54	-13.00	-42.54	-68.60	-63.67	0.70	10.98	H
									H
									H
									H
									H
	1400	-56.86	-13.00	-43.86	-66.06	-62.91	0.50	8.70	V
	2097	-55.84	-13.00	-42.84	-68.17	-63.58	0.59	10.48	V
	2096	-54.53	-13.00	-41.53	-67.99	-62.27	0.59	10.48	V
									V
									V
									V
									V
Middle	1416	-55.53	-13.00	-42.53	-65.82	-61.67	0.50	8.80	H
	2120	-49.74	-13.00	-36.74	-62.12	-57.49	0.59	10.50	H
	2824	-55.22	-13.00	-42.22	-68.32	-63.36	0.71	10.99	H
									H
									H
									H
									H
	1416	-57.38	-13.00	-44.38	-66.59	-63.52	0.50	8.80	V
	2120	-51.28	-13.00	-38.28	-63.97	-59.03	0.59	10.50	V
	2824	-55.43	-13.00	-42.43	-68.92	-63.57	0.71	10.99	V
									V
									V
									V
									V



Highest	1424	-55.64	-13.00	-42.64	-65.82	-61.83	0.50	8.84	H
	2136	-50.25	-13.00	-37.25	-62.91	-58.02	0.59	10.51	H
	2856	-55.21	-13.00	-42.21	-68.38	-63.36	0.71	11.01	H
									H
									H
									H
									H
	1424	-56.71	-13.00	-43.71	-65.99	-62.90	0.50	8.84	V
	2136	-51.27	-13.00	-38.27	-64.31	-59.04	0.59	10.51	V
	2856	-55.28	-13.00	-42.28	-68.80	-63.43	0.71	11.01	V
									V
									V
									V
									V

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



LTE Band 12 / 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	1400	-53.46	-13.00	-40.46	-63.94	-59.51	0.50	8.70	H
	2097	-55.83	-13.00	-42.83	-67.92	-63.57	0.59	10.48	H
	2796	-55.02	-13.00	-42.02	-68.08	-63.15	0.70	10.98	H
									H
									H
									H
									H
	1400	-57.40	-13.00	-44.40	-66.60	-63.45	0.50	8.70	V
	2097	-55.73	-13.00	-42.73	-68.06	-63.47	0.59	10.48	V
	2796	-55.07	-13.00	-42.07	-68.53	-63.20	0.70	10.98	V
									V
									V
									V
									V
Middle	1410	-54.82	-13.00	-41.82	-65.11	-60.93	0.50	8.76	H
	2115	-56.36	-13.00	-43.36	-68.74	-64.11	0.59	10.49	H
	2820	-55.72	-13.00	-42.72	-68.81	-63.86	0.71	10.99	H
									H
									H
									H
									H
	1408	-56.63	-13.00	-43.63	-65.84	-62.73	0.50	8.75	V
	2115	-54.51	-13.00	-41.51	-67.20	-62.26	0.59	10.49	V
	2820	-55.56	-13.00	-42.56	-69.04	-63.70	0.71	10.99	V
									V
									V
									V
									V



Highest	1424	-55.22	-13.00	-42.22	-65.40	-61.41	0.50	8.84	H
	2133	-54.38	-13.00	-41.38	-67.03	-62.14	0.59	10.51	H
	2844	-55.08	-13.00	-42.08	-68.25	-63.22	0.71	11.01	H
									H
									H
									H
									H
	1424	-57.57	-13.00	-44.57	-66.85	-63.76	0.50	8.84	V
	2133	-54.36	-13.00	-41.36	-67.39	-62.12	0.59	10.51	V
	2844	-55.10	-13.00	-42.10	-68.62	-63.24	0.71	11.01	V
									V
									V
									V
									V

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



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	1400	-55.55	-13.00	-42.55	-66.03	-61.60	0.50	8.70	H
	2099	-55.23	-13.00	-42.23	-67.32	-62.97	0.59	10.48	H
	2798	-55.08	-13.00	-42.08	-68.14	-63.21	0.70	10.98	H
									H
									H
									H
									H
	1400	-57.15	-13.00	-44.15	-66.35	-63.20	0.50	8.70	V
	2099	-56.09	-13.00	-43.09	-68.42	-63.83	0.59	10.48	V
	2798	-54.56	-13.00	-41.56	-68.02	-62.69	0.70	10.98	V
									V
									V
									V
									V
Middle	1408	-56.39	-13.00	-43.39	-66.68	-62.49	0.50	8.75	H
	2109	-53.58	-13.00	-40.58	-65.96	-61.33	0.59	10.49	H
	2812	-56.27	-13.00	-43.27	-69.36	-64.40	0.70	10.99	H
									H
									H
									H
									H
	1408	-57.52	-13.00	-44.52	-66.73	-63.62	0.50	8.75	V
	2109	-55.32	-13.00	-42.32	-68.01	-63.07	0.59	10.49	V
	2812	-54.58	-13.00	-41.58	-68.06	-62.71	0.70	10.99	V
									V
									V
									V
									V



Highest	1416	-54.69	-13.00	-41.69	-64.99	-60.83	0.50	8.80	H
	2120	-54.76	-13.00	-41.76	-67.14	-62.51	0.59	10.50	H
	2826	-55.93	-13.00	-42.93	-69.07	-64.07	0.71	11.00	H
									H
									H
									H
									H
	1416	-56.50	-13.00	-43.50	-65.71	-62.64	0.50	8.80	V
	2120	-55.44	-13.00	-42.44	-68.13	-63.19	0.59	10.50	V
	2826	-54.87	-13.00	-41.87	-68.37	-63.01	0.71	11.00	V
									V
									V
									V
									V

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



IC LTE Band 12 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-52.38	-13.00	-39.38	-65.01	-60.58	0.50	8.70	H
	2096	-51.62	-13.00	-38.62	-65.87	-61.51	0.59	10.48	H
	2792	-53.54	-13.00	-40.54	-68.75	-63.81	0.70	10.98	H
									H
									H
									H
									H
	1400	-54.85	-13.00	-41.85	-66.20	-63.05	0.50	8.70	V
	2096	-53.17	-13.00	-40.17	-67.66	-63.06	0.59	10.48	V
	2792	-53.01	-13.00	-40.01	-68.62	-63.28	0.70	10.98	V
									V
									V
									V
									V
Middle	1413	-53.78	-13.00	-40.78	-66.22	-62.06	0.50	8.78	H
	2120	-43.60	-13.00	-30.60	-58.13	-53.50	0.59	10.50	H
	2824	-53.16	-13.00	-40.16	-68.41	-63.45	0.71	10.99	H
									H
									H
									H
									H
	1413	-54.69	-13.00	-41.69	-66.05	-62.97	0.50	8.78	V
	2120	-48.36	-13.00	-35.36	-63.20	-58.26	0.59	10.50	V
	2824	-52.61	-13.00	-39.61	-68.25	-62.90	0.71	10.99	V
									V
									V
									V
									V



Highest	1432	-53.83	-13.00	-40.83	-66.16	-62.22	0.50	8.89	H
	2144	-43.91	-13.00	-30.91	-59.00	-53.83	0.59	10.52	H
	2856	-52.78	-13.00	-39.78	-68.10	-63.08	0.71	11.01	H
									H
									H
									H
									H
	1432.0	-54.48	-13.00	-41.48	-65.91	-62.87	0.50	8.89	V
	2144.0	-52.04	-13.00	-39.04	-67.58	-61.96	0.59	10.52	V
	2856.0	-52.72	-13.00	-39.72	-68.41	-63.02	0.71	11.01	V
									V
									V
									V
									V

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



IC LTE Band 12 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-53.99	-13.00	-40.99	-66.62	-62.19	0.50	8.70	H
	2097	-52.97	-13.00	-39.97	-67.21	-62.86	0.59	10.48	H
	2796	-53.39	-13.00	-40.39	-68.60	-63.67	0.70	10.98	H
									H
									H
									H
									H
	1400	-54.71	-13.00	-41.71	-66.06	-62.91	0.50	8.70	V
	2097	-53.69	-13.00	-40.69	-68.17	-63.58	0.59	10.48	V
	2096	-52.38	-13.00	-39.38	-67.99	-62.27	0.59	10.48	V
									V
									V
									V
									V
Middle	1416	-53.38	-13.00	-40.38	-65.82	-61.67	0.50	8.80	H
	2120	-47.59	-13.00	-34.59	-62.12	-57.49	0.59	10.50	H
	2824	-53.07	-13.00	-40.07	-68.32	-63.36	0.71	10.99	H
									H
									H
									H
									H
	1416	-55.23	-13.00	-42.23	-66.59	-63.52	0.50	8.80	V
	2120	-49.13	-13.00	-36.13	-63.97	-59.03	0.59	10.50	V
	2824	-53.28	-13.00	-40.28	-68.92	-63.57	0.71	10.99	V
									V
									V
									V
									V



Highest	1424	-53.49	-13.00	-40.49	-65.82	-61.83	0.50	8.84	H
	2136	-48.10	-13.00	-35.10	-62.91	-58.02	0.59	10.51	H
	2856	-53.06	-13.00	-40.06	-68.38	-63.36	0.71	11.01	H
									H
									H
									H
									H
	1424	-54.56	-13.00	-41.56	-65.99	-62.90	0.50	8.84	V
	2136	-49.12	-13.00	-36.12	-64.31	-59.04	0.59	10.51	V
	2856	-53.13	-13.00	-40.13	-68.80	-63.43	0.71	11.01	V
									V
									V
									V
									V

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



IC LTE Band 12 / 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	1400	-51.31	-13.00	-38.31	-63.94	-59.51	0.50	8.70	H
	2097	-53.68	-13.00	-40.68	-67.92	-63.57	0.59	10.48	H
	2796	-52.87	-13.00	-39.87	-68.08	-63.15	0.70	10.98	H
									H
									H
									H
									H
	1400	-55.25	-13.00	-42.25	-66.60	-63.45	0.50	8.70	V
	2097	-53.58	-13.00	-40.58	-68.06	-63.47	0.59	10.48	V
	2796	-52.92	-13.00	-39.92	-68.53	-63.20	0.70	10.98	V
									V
									V
									V
									V
Middle	1410	-52.67	-13.00	-39.67	-65.11	-60.93	0.50	8.76	H
	2115	-54.21	-13.00	-41.21	-68.74	-64.11	0.59	10.49	H
	2820	-53.57	-13.00	-40.57	-68.81	-63.86	0.71	10.99	H
									H
									H
									H
									H
	1408	-54.48	-13.00	-41.48	-65.84	-62.73	0.50	8.75	V
	2115	-52.36	-13.00	-39.36	-67.20	-62.26	0.59	10.49	V
	2820	-53.41	-13.00	-40.41	-69.04	-63.70	0.71	10.99	V
									V
									V
									V
									V



Highest	1424	-53.07	-13.00	-40.07	-65.40	-61.41	0.50	8.84	H
	2133	-52.23	-13.00	-39.23	-67.03	-62.14	0.59	10.51	H
	2844	-52.93	-13.00	-39.93	-68.25	-63.22	0.71	11.01	H
									H
									H
									H
									H
	1424	-55.42	-13.00	-42.42	-66.85	-63.76	0.50	8.84	V
	2133	-52.21	-13.00	-39.21	-67.39	-62.12	0.59	10.51	V
	2844	-52.95	-13.00	-39.95	-68.62	-63.24	0.71	11.01	V
									V
									V
									V
									V

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



IC LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-53.40	-13.00	-40.40	-66.03	-61.60	0.50	8.70	H
	2099	-53.08	-13.00	-40.08	-67.32	-62.97	0.59	10.48	H
	2798	-52.93	-13.00	-39.93	-68.14	-63.21	0.70	10.98	H
									H
									H
									H
									H
	1400	-55.00	-13.00	-42.00	-66.35	-63.20	0.50	8.70	V
	2099	-53.94	-13.00	-40.94	-68.42	-63.83	0.59	10.48	V
	2798	-52.41	-13.00	-39.41	-68.02	-62.69	0.70	10.98	V
									V
									V
									V
									V
Middle	1408	-54.24	-13.00	-41.24	-66.68	-62.49	0.50	8.75	H
	2109	-51.43	-13.00	-38.43	-65.96	-61.33	0.59	10.49	H
	2812	-54.12	-13.00	-41.12	-69.36	-64.40	0.70	10.99	H
									H
									H
									H
									H
	1408	-55.37	-13.00	-42.37	-66.73	-63.62	0.50	8.75	V
	2109	-53.17	-13.00	-40.17	-68.01	-63.07	0.59	10.49	V
	2812	-52.43	-13.00	-39.43	-68.06	-62.71	0.70	10.99	V
									V
									V
									V
									V



Highest	1416	-52.54	-13.00	-39.54	-64.99	-60.83	0.50	8.80	H
	2120	-52.61	-13.00	-39.61	-67.14	-62.51	0.59	10.50	H
	2826	-53.78	-13.00	-40.78	-69.07	-64.07	0.71	11.00	H
									H
									H
									H
									H
	1416	-54.35	-13.00	-41.35	-65.71	-62.64	0.50	8.80	V
	2120	-53.29	-13.00	-40.29	-68.13	-63.19	0.59	10.50	V
	2826	-52.72	-13.00	-39.72	-68.37	-63.01	0.71	11.00	V
									V
									V
									V
									V

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

**LTE Band 13**

LTE Band 13 / 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	1560	-58.28	-42.15	-16.13	-67.38	-65.05	0.51	9.43	H
	2336	-55.90	-13	-42.90	-68.86	-63.80	0.62	10.67	H
	3120	-54.04	-13	-41.04	-68.29	-62.61	0.74	11.46	H
									H
									H
									H
									H
	1560	-58.50	-42.15	-16.35	-67.44	-65.27	0.51	9.43	V
	2336	-55.11	-13	-42.11	-68.59	-63.01	0.62	10.67	V
	3120	-54.93	-13	-41.93	-69.22	-63.50	0.74	11.46	V
									V
									V
									V
									V
Middle	1560	-57.45	-42.15	-15.30	-66.55	-64.22	0.51	9.43	H
	2344	-55.45	-13	-42.45	-68.32	-63.35	0.62	10.68	H
	3128	-54.15	-13	-41.15	-68.40	-62.74	0.74	11.48	H
									H
									H
									H
									H
	1560	-58.15	-42.15	-16.00	-67.09	-64.92	0.51	9.43	V
	2344	-55.15	-13	-42.15	-68.52	-63.05	0.62	10.68	V
	3128	-54.31	-13	-41.31	-68.60	-62.90	0.74	11.48	V
									V
									V
									V
									V



Highest	1568	-58.81	-42.15	-16.66	-67.78	-65.59	0.52	9.45	H
	2352	-54.99	-13	-41.99	-67.84	-62.90	0.63	10.68	H
	3136	-55.09	-13	-42.09	-69.45	-63.70	0.74	11.51	H
									H
									H
									H
									H
	1568	-57.61	-42.15	-15.46	-66.42	-64.39	0.52	9.45	V
	2352	-54.84	-13	-41.84	-68.19	-62.75	0.63	10.68	V
	3136	-54.70	-13	-41.70	-69.07	-63.31	0.74	11.51	V
									V
									V
									V
									V

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



LTE Band 13 / 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)
Middle	1564	-58.15	-42.15	-16.00	-67.25	-64.93	0.52	9.44	H
	2344	-55.96	-13	-42.96	-68.83	-63.86	0.62	10.68	H
	3128	-54.06	-13	-41.06	-68.34	-62.65	0.74	11.48	H
									H
									H
									H
									H
	1564	-58.23	-42.15	-16.08	-67.23	-65.01	0.52	9.44	V
	2344	-54.90	-13	-41.90	-68.27	-62.8	0.62	10.68	V
	3128	-54.14	-13	-41.14	-68.43	-62.73	0.74	11.48	V
									V
									V
									V
									V

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



IC LTE Band 13 / 5MHz / QPSK / RB Size 25 Offset 0									
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	1560	-56.13	-40.00	-16.13	-67.38	-65.05	0.51	9.43	H
	2336	-53.75	-13.00	-40.75	-68.86	-63.80	0.62	10.67	H
	3120	-51.89	-13.00	-38.89	-68.29	-62.61	0.74	11.46	H
									H
									H
									H
									H
	1560	-56.35	-40.00	-16.35	-67.44	-65.27	0.51	9.43	V
	2336	-52.96	-13.00	-39.96	-68.59	-63.01	0.62	10.67	V
	3120	-52.78	-13.00	-39.78	-69.22	-63.50	0.74	11.46	V
									V
									V
									V
									V
Middle	1560	-55.30	-40	-15.30	-66.55	-64.22	0.51	9.43	H
	2344	-53.30	-13	-40.30	-68.32	-63.35	0.62	10.68	H
	3128	-52.00	-13	-39.00	-68.40	-62.74	0.74	11.48	H
									H
									H
									H
									H
	1560	-56.00	-40	-16.00	-67.09	-64.92	0.51	9.43	V
	2344	-53.00	-13	-40.00	-68.52	-63.05	0.62	10.68	V
	3128	-52.16	-13	-39.16	-68.60	-62.90	0.74	11.48	V
									V
									V
									V
									V



Highest	1568	-56.66	-40	-16.66	-67.78	-65.59	0.52	9.45	H
	2352	-52.84	-13	-39.84	-67.84	-62.90	0.63	10.68	H
	3136	-52.94	-13	-39.94	-69.45	-63.70	0.74	11.51	H
									H
									H
									H
									H
	1568	-55.46	-40	-15.46	-66.42	-64.39	0.52	9.45	V
	2352	-52.69	-13	-39.69	-68.19	-62.75	0.63	10.68	V
	3136	-52.55	-13	-39.55	-69.07	-63.31	0.74	11.51	V
									V
									V
									V
									V

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



IC LTE Band 13 / 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)
Middle	1564	-56.00	-40	-16.00	-67.25	-64.93	0.52	9.44	H
	2344	-53.81	-13	-40.81	-68.83	-63.86	0.62	10.68	H
	3128	-51.91	-13	-38.91	-68.34	-62.65	0.74	11.48	H
									H
									H
									H
									H
	1564	-56.08	-40	-16.08	-67.23	-65.01	0.52	9.44	V
	2344	-52.75	-13	-39.75	-68.27	-62.80	0.62	10.68	V
	3128	-51.99	-13	-38.99	-68.43	-62.73	0.74	11.48	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 / 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	1408	-56.20	-13	-43.20	-66.49	-62.30	0.50	8.75	H
	2112	-55.41	-13	-42.41	-67.80	-63.16	0.59	10.49	H
	2816	-55.38	-13	-42.38	-68.47	-63.51	0.71	10.99	H
									H
									H
									H
									H
	1408	-57.45	-13	-44.45	-66.66	-63.55	0.50	8.75	V
	2112	-55.08	-13	-42.08	-67.78	-62.83	0.59	10.49	V
	2816	-55.15	-13	-42.15	-68.63	-63.28	0.71	10.99	V
									V
									V
									V
									V
Middle	1416	-55.41	-13	-42.41	-65.70	-61.55	0.50	8.80	H
	2120	-54.34	-13	-41.34	-66.72	-62.09	0.59	10.50	H
	2832	-55.52	-13	-42.52	-68.66	-63.66	0.71	11.00	H
									H
									H
									H
									H
	1416	-57.60	-13	-44.60	-66.81	-63.74	0.50	8.80	V
	2120	-55.05	-13	-42.05	-67.74	-62.80	0.59	10.50	V
	2382	-54.58	-13	-41.58	-68.08	-62.50	0.63	10.71	V
									V
									V
									V
									V



Highest	1424	-56.69	-13	-43.69	-66.87	-62.88	0.50	8.84	H
	2136	-54.96	-13	-41.96	-67.62	-62.73	0.59	10.51	H
	2848	-54.28	-13	-41.28	-67.44	-62.43	0.71	11.01	H
									H
									H
									H
									H
	1424	-57.65	-13	-44.65	-66.93	-63.84	0.50	8.84	V
	2136	-55.51	-13	-42.51	-68.55	-63.28	0.59	10.51	V
	2848	-55.28	-13	-42.28	-68.79	-63.43	0.71	11.01	V
									V
									V
									V
									V

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



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	1408	-55.81	-13	-42.81	-66.10	-61.91	0.50	8.75	H
	2112	-55.33	-13	-42.33	-67.72	-63.08	0.59	10.49	H
	2816	-54.08	-13	-41.08	-67.17	-62.21	0.71	10.99	H
									H
									H
									H
									H
	1408	-57.09	-13	-44.09	-66.30	-63.19	0.50	8.75	V
	2112	-55.94	-13	-42.94	-67.64	-63.69	0.59	10.49	V
	2816	-55.48	-13	-42.48	-68.96	-63.61	0.71	10.99	V
									V
									V
									V
									V
Middle	1416	-56.58	-13	-43.58	-66.87	-62.72	0.50	8.80	H
	2120	-46.45	-13	-33.45	-58.83	-54.20	0.59	10.50	H
	2824	-55.62	-13	-42.62	-68.72	-63.76	0.71	10.99	H
									H
									H
									H
									H
	1416	-57.73	-13	-44.73	-66.94	-63.87	0.50	8.80	V
	2120	-50.42	-13	-37.42	-63.11	-58.17	0.59	10.50	V
	2824	-54.81	-13	-41.81	-68.30	-62.95	0.71	10.99	V
									V
									V
									V
									V



Highest	1416	-56.43	-13	-43.43	-66.72	-62.57	0.50	8.80	H
	2120	-54.42	-13	-41.42	-66.80	-62.17	0.59	10.50	H
	2824	-55.82	-13	-42.82	-68.92	-63.96	0.71	10.99	H
									H
									H
									H
									H
	1416	-57.49	-13	-44.49	-66.70	-63.63	0.50	8.80	V
	2120	-54.11	-13	-41.11	-66.80	-61.86	0.59	10.50	V
	2824	-55.54	-13	-42.54	-69.03	-63.68	0.71	10.99	V
									V
									V
									V
									V

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



IC LTE Band 17 / 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	1408	-54.05	-13.00	-41.05	-66.49	-62.30	0.50	8.75	H
	2112	-53.26	-13.00	-40.26	-67.80	-63.16	0.59	10.49	H
	2816	-53.23	-13.00	-40.23	-68.47	-63.51	0.71	10.99	H
									H
									H
									H
									H
	1408	-55.30	-13.00	-42.30	-66.66	-63.55	0.50	8.75	V
	2112	-52.93	-13.00	-39.93	-67.78	-62.83	0.59	10.49	V
	2816	-53.00	-13.00	-40.00	-68.63	-63.28	0.71	10.99	V
									V
									V
									V
									V
Middle	1416	-53.26	-13	-40.26	-65.70	-61.55	0.50	8.80	H
	2120	-52.19	-13	-39.19	-66.72	-62.09	0.59	10.50	H
	2832	-53.37	-13	-40.37	-68.66	-63.66	0.71	11.00	H
									H
									H
									H
									H
	1416	-55.45	-13	-42.45	-66.81	-63.74	0.50	8.80	V
	2120	-52.90	-13	-39.90	-67.74	-62.80	0.59	10.50	V
	2382	-52.43	-13	-39.43	-68.08	-62.50	0.63	10.71	V
									V
									V
									V
									V



Highest	1424	-54.54	-13	-41.54	-66.87	-62.88	0.50	8.84	H
	2136	-52.81	-13	-39.81	-67.62	-62.73	0.59	10.51	H
	2848	-52.13	-13	-39.13	-67.44	-62.43	0.71	11.01	H
									H
									H
									H
									H
	1424	-55.50	-13	-42.50	-66.93	-63.84	0.50	8.84	V
	2136	-53.36	-13	-40.36	-68.55	-63.28	0.59	10.51	V
	2848	-53.13	-13	-40.13	-68.79	-63.43	0.71	11.01	V
									V
									V
									V
									V

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



IC LTE Band 17 / 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	1408	-53.66	-13	-40.66	-66.10	-61.91	0.50	8.75	H
	2112	-53.18	-13	-40.18	-67.72	-63.08	0.59	10.49	H
	2816	-51.93	-13	-38.93	-67.17	-62.21	0.71	10.99	H
									H
									H
									H
									H
	1408	-54.94	-13	-41.94	-66.30	-63.19	0.50	8.75	V
	2112	-53.79	-13	-40.79	-67.64	-63.69	0.59	10.49	V
	2816	-53.33	-13	-40.33	-68.96	-63.61	0.71	10.99	V
									V
									V
									V
									V
Middle	1416	-54.43	-13	-41.43	-66.87	-62.72	0.50	8.80	H
	2120	-44.30	-13	-31.30	-58.83	-54.20	0.59	10.50	H
	2824	-53.47	-13	-40.47	-68.72	-63.76	0.71	10.99	H
									H
									H
									H
									H
	1416	-55.58	-13	-42.58	-66.94	-63.87	0.50	8.80	V
	2120	-48.27	-13	-35.27	-63.11	-58.17	0.59	10.50	V
	2824	-52.66	-13	-39.66	-68.30	-62.95	0.71	10.99	V
									V
									V
									V
									V



Highest	1416	-54.28	-13	-41.28	-66.72	-62.57	0.50	8.80	H
	2120	-52.27	-13	-39.27	-66.80	-62.17	0.59	10.50	H
	2824	-53.67	-13	-40.67	-68.92	-63.96	0.71	10.99	H
									H
									H
									H
									H
	1416	-55.34	-13	-42.34	-66.70	-63.63	0.50	8.80	V
	2120	-51.96	-13	-38.96	-66.80	-61.86	0.59	10.50	V
	2824	-53.39	-13	-40.39	-69.03	-63.68	0.71	10.99	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 / 1.4MHz / 16QAM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-49.66	-13	-36.66	-64.6	-61.25	0.77	12.36	H
	5130	-43.45	-13	-30.45	-61.66	-54.94	0.97	12.46	H
	6840	-34.96	-13	-21.96	-56.45	-45.81	0.81	11.65	H
	8550	-42.16	-13	-29.16	-67.22	-52.77	1.36	11.97	H
									H
									H
									H
	3420	-49.35	-13	-36.35	-64.39	-60.94	0.77	12.36	V
	5130	-47.79	-13	-34.79	-66.63	-59.28	0.97	12.46	V
	6840	-28.81	-13	-15.81	-50.43	-39.66	0.81	11.65	V
	8550	-34.47	-13	-21.47	-59.1	-45.08	1.36	11.97	V
									V
									V
									V
Middle	3492	-50.11	-13	-37.11	-65.96	-61.91	0.78	12.58	H
	5232	-47.21	-13	-34.21	-65.71	-58.87	1.00	12.66	H
	6978	-39.12	-13	-26.12	-60.81	-49.35	1.11	11.35	H
	8724	-41.39	-13	-28.39	-67.49	-52.21	1.40	12.21	H
									H
									H
									H
	3492	-48.01	-13	-35.01	-63.99	-59.81	0.78	12.58	V
	5232	-47.80	-13	-34.80	-66.94	-59.46	1.00	12.66	V
	6978	-28.16	-13	-15.16	-49.88	-38.39	1.11	11.35	V
	8724	-35.57	-13	-22.57	-61.3	-46.39	1.40	12.21	V
									V
									V
									V



Highest	3558	-49.59	-13	-36.59	-65.52	-61.38	0.78	12.58	H
	5334	-47.43	-13	-34.43	-66.26	-59.25	1.04	12.87	H
	7116	-43.08	-13	-30.08	-64.86	-52.99	1.18	11.09	H
	8892	-39.51	-13	-26.51	-66.09	-50.6	1.36	12.45	H
									H
									H
									H
	3558	-50.06	-13	-37.06	-66.07	-61.85	0.78	12.58	V
	5334	-46.28	-13	-33.28	-65.88	-58.1	1.04	12.87	V
	7116	-30.32	-13	-17.32	-52.19	-40.23	1.18	11.09	V
	8892	-36.61	-13	-23.61	-62.76	-47.7	1.36	12.45	V
									V
									V
									V

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



LTE Band 66 / 3MHz / 16QAM									
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	-47.89	-13	-34.89	-62.83	-59.48	0.77	12.36	H
	5130	-41.94	-13	-28.94	-60.15	-53.43	0.97	12.46	H
	6840	-39.09	-13	-26.09	-60.58	-49.94	0.81	11.65	H
	8550	-42.70	-13	-29.70	-67.76	-53.31	1.36	11.97	H
									H
									H
									H
	3420	-50.08	-13	-37.08	-65.12	-61.67	0.77	12.36	V
	5130	-46.51	-13	-33.51	-65.35	-58	0.97	12.46	V
	6840	-27.33	-13	-14.33	-48.95	-38.18	0.81	11.65	V
	8550	-34.05	-13	-21.05	-58.68	-44.66	1.36	11.97	V
									V
									V
									V
Middle	3486	-49.06	-13	-36.06	-64.68	-60.84	0.78	12.56	H
	5232	-45.38	-13	-32.38	-63.88	-57.04	1.00	12.66	H
	6972	-38.55	-13	-25.55	-60.21	-48.81	1.10	11.36	H
	8718	-41.16	-13	-28.16	-67.19	-51.97	1.40	12.21	H
									H
									H
									H
	3486	-48.60	-13	-35.60	-64.34	-60.38	0.78	12.56	V
	5232	-49.51	-13	-36.51	-68.65	-61.17	1.00	12.66	V
	6972	-28.95	-13	-15.95	-50.65	-39.21	1.10	11.36	V
	8718	-35.52	-13	-22.52	-61.17	-46.33	1.40	12.21	V
									V
									V
									V