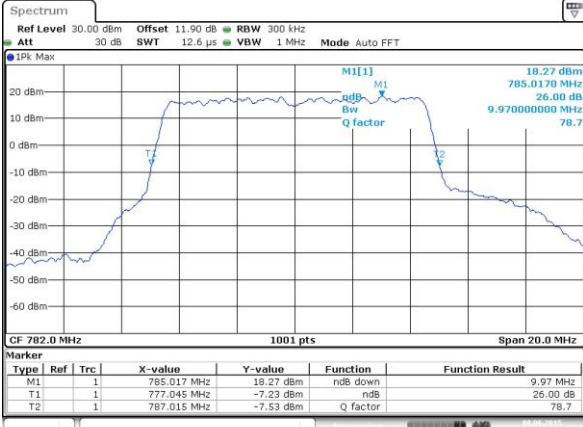




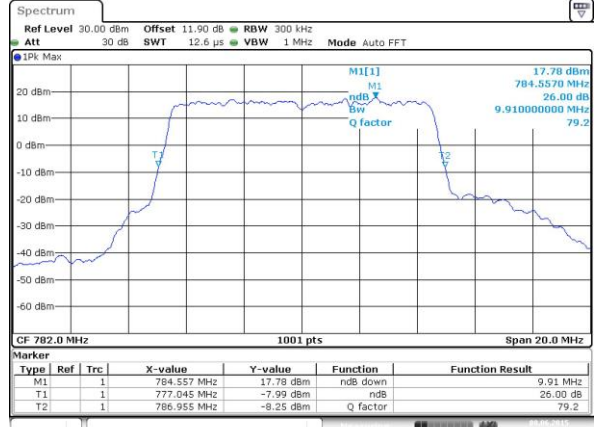
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 8 JUN 2015 10:09:53

Middle Channel / 10MHz / 16QAM



Date: 8 JUN 2015 10:09:40



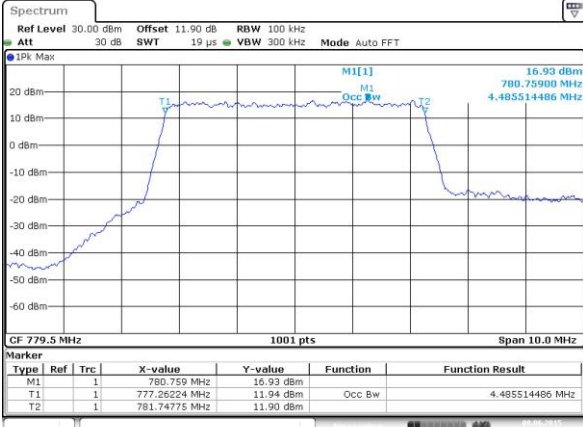
### Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.50	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	4.50	9.09	9.03	-	-	-	-
Highest CH	-	-	-	-	4.49	4.50	-	-	-	-	-	-



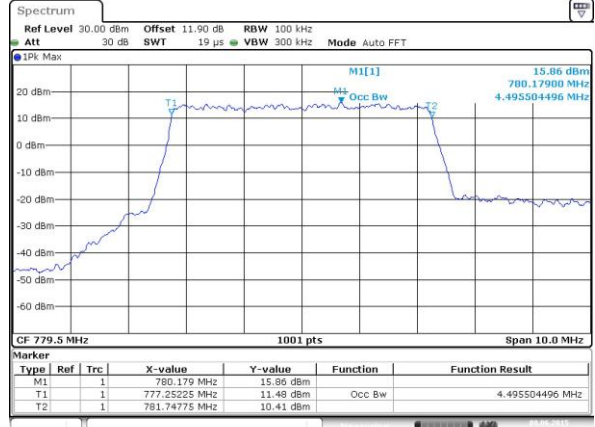
LTE Band 13

Lowest Channel / 5MHz / QPSK



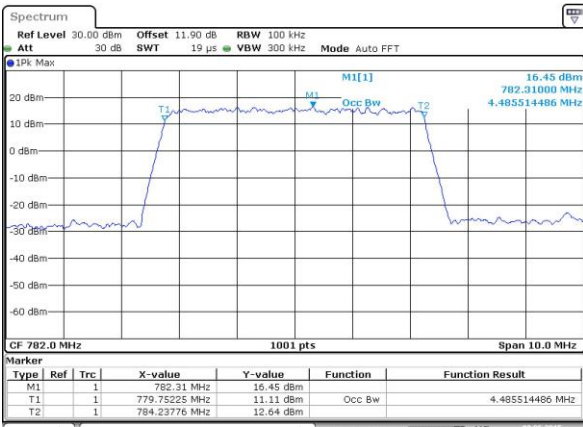
Date: 8 JUN 2015 09:59:58

Lowest Channel / 5MHz / 16QAM



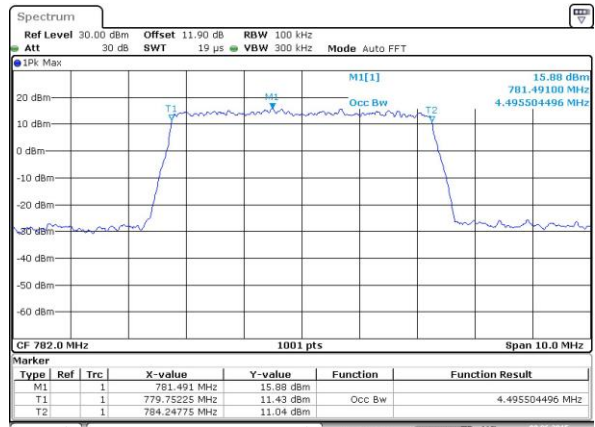
Date: 8 JUN 2015 10:00:09

Middle Channel / 5MHz / QPSK



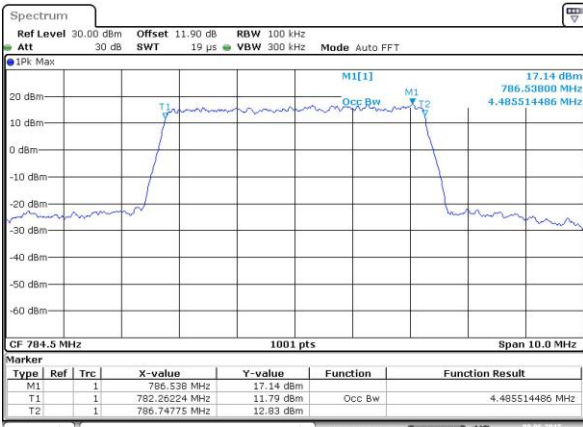
Date: 8 JUN 2015 10:05:59

Middle Channel / 5MHz / 16QAM



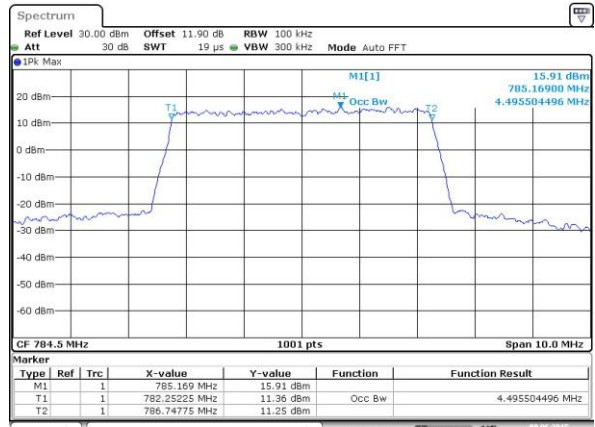
Date: 8 JUN 2015 10:05:49

Highest Channel / 5MHz / QPSK



Date: 8 JUN 2015 10:06:10

Highest Channel / 5MHz / 16QAM

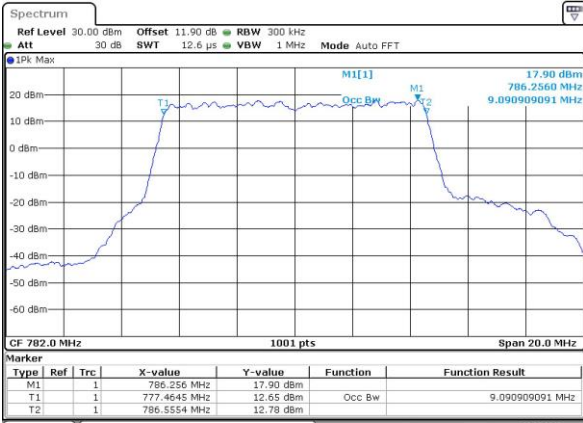


Date: 8 JUN 2015 10:06:21



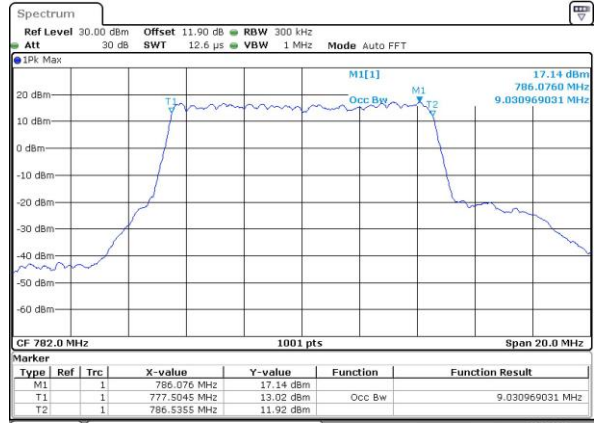
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 8 JUN 2015 10:09:16

Middle Channel / 10MHz / 16QAM



Date: 8 JUN 2015 10:09:27

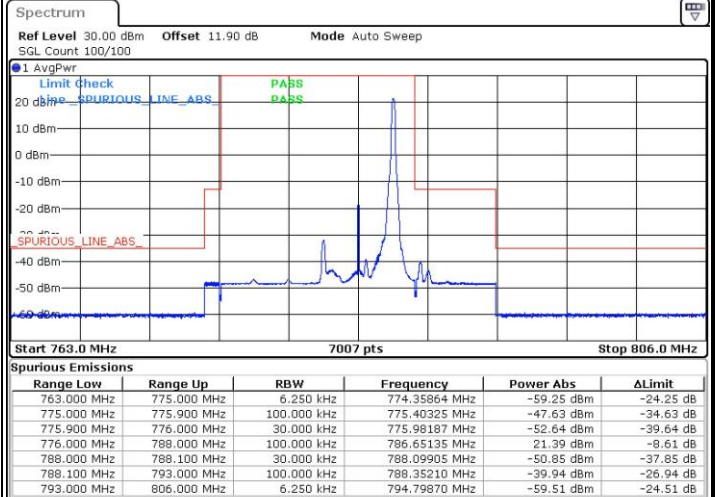
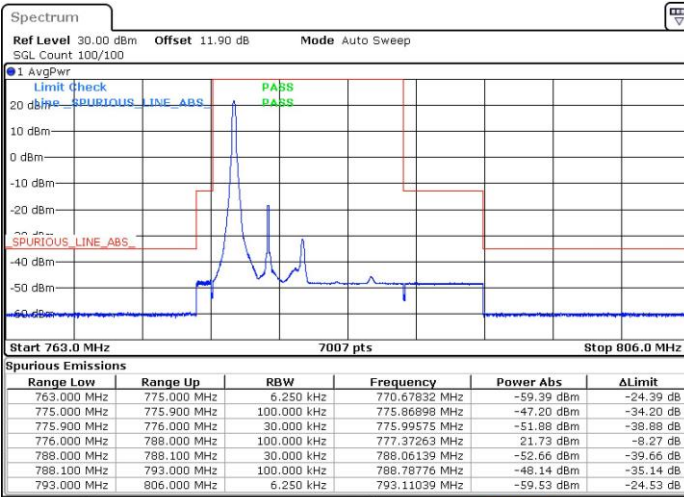


# Conducted Band Edge

## LTE Band 13 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

### Highest Band Edge / 1 RB

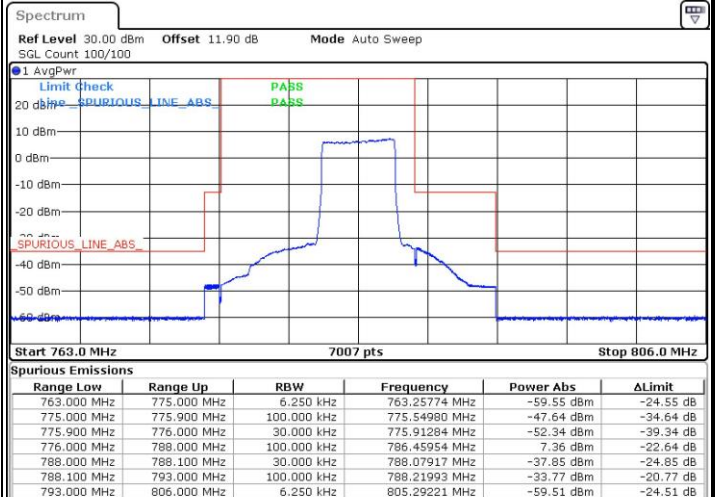
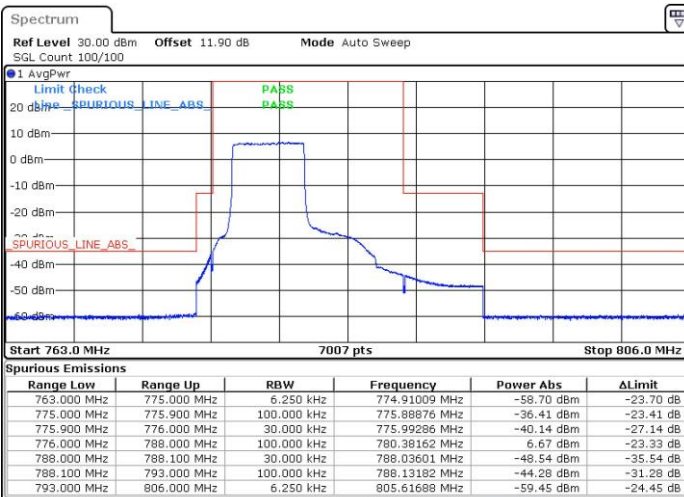


Date: 8 JUN 2015 10:26:32

Date: 8 JUN 2015 10:43:40

### Lowest Band Edge / Full RB

### Highest Band Edge / Full RB



Date: 8 JUN 2015 10:31:36

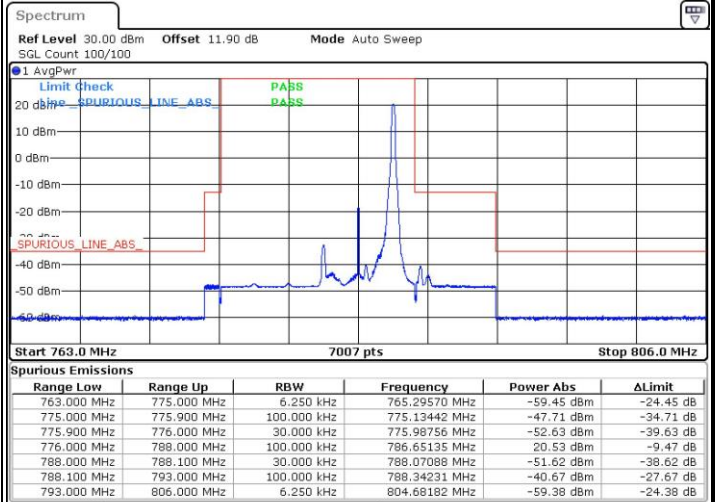
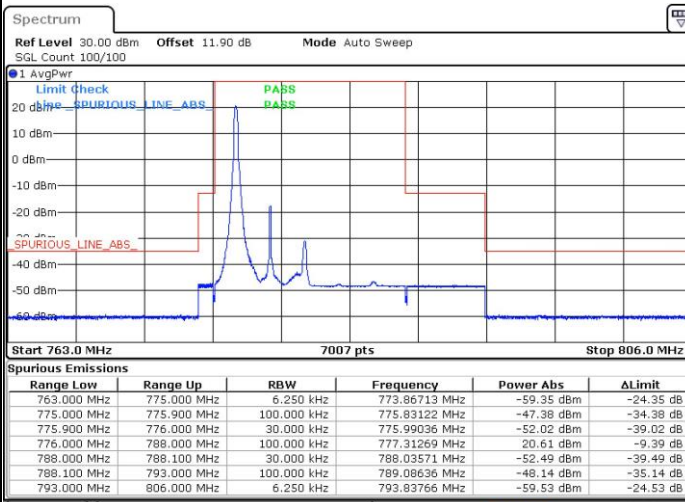
Date: 8 JUN 2015 10:41:13



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

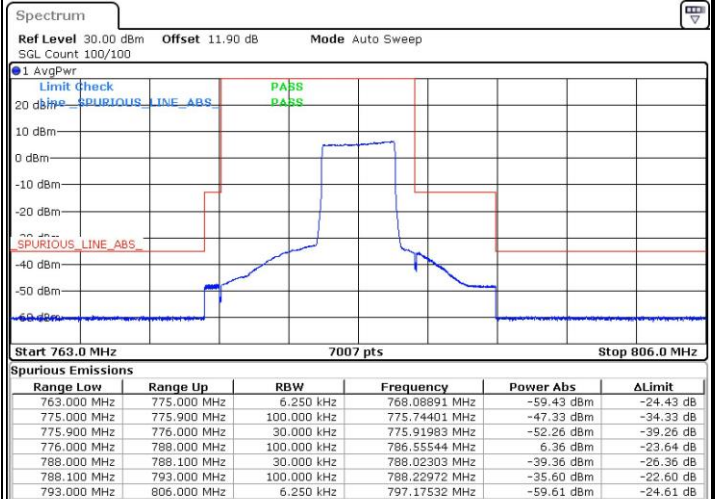
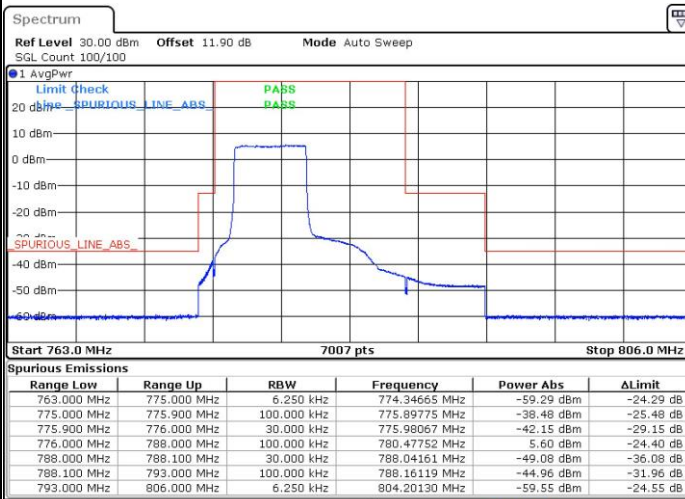


Date: 8 JUN 2015 10:27:53

Date: 8 JUN 2015 10:46:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



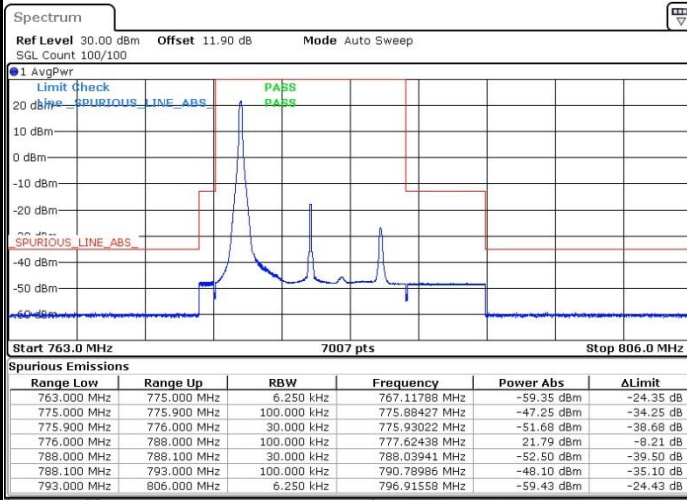
Date: 8 JUN 2015 10:29:02

Date: 8 JUN 2015 10:36:14



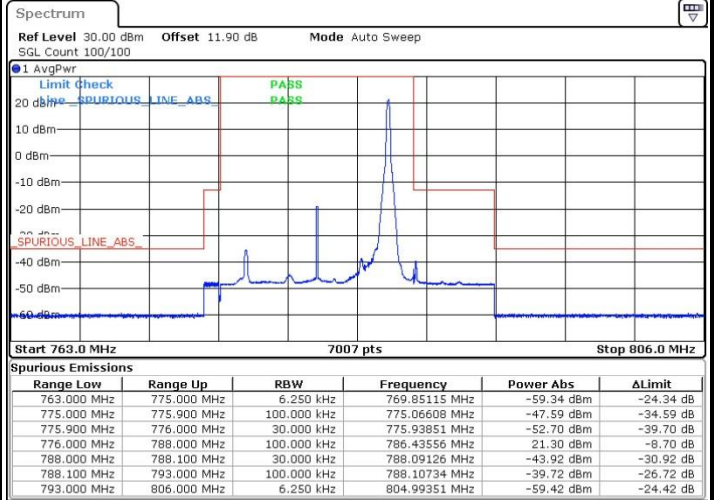
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



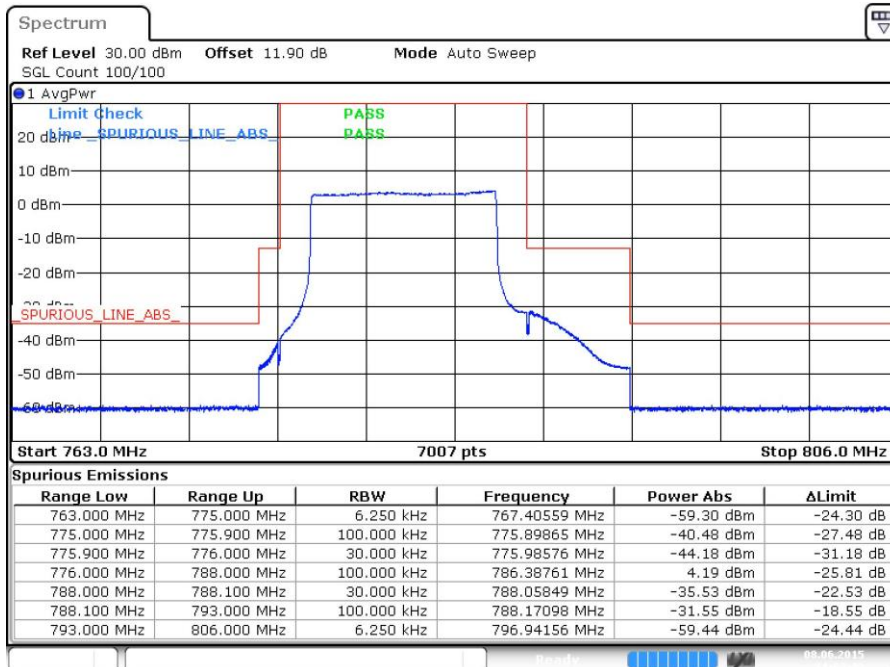
Date: 8 JUN 2015 10:51:45

Highest Band Edge / 1 RB



Date: 8 JUN 2015 10:50:08

Band Edge / Full RB

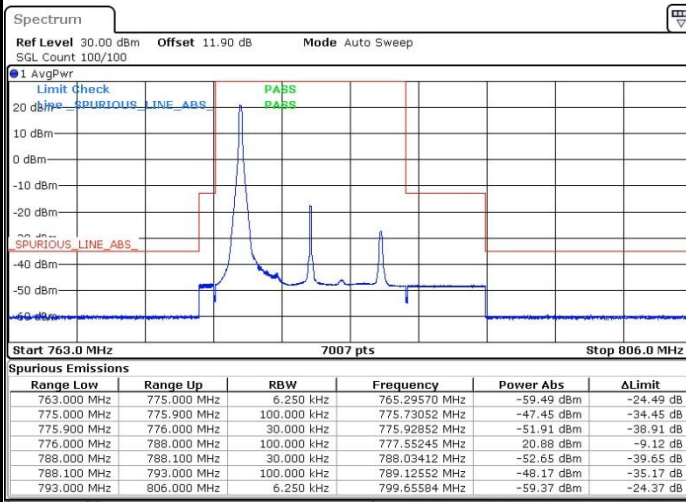


Date: 8 JUN 2015 11:02:43



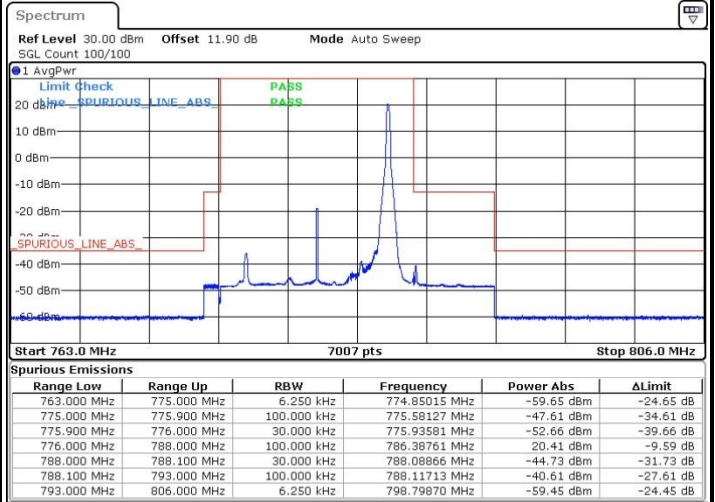
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



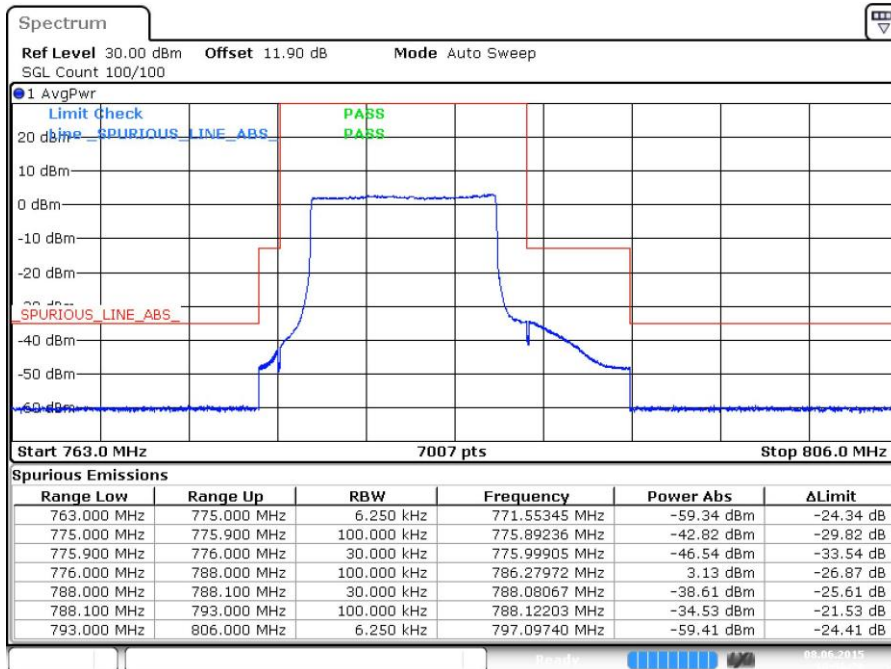
Date: 8 JUN 2015 10:53:44

Highest Band Edge / 1 RB



Date: 8 JUN 2015 10:47:38

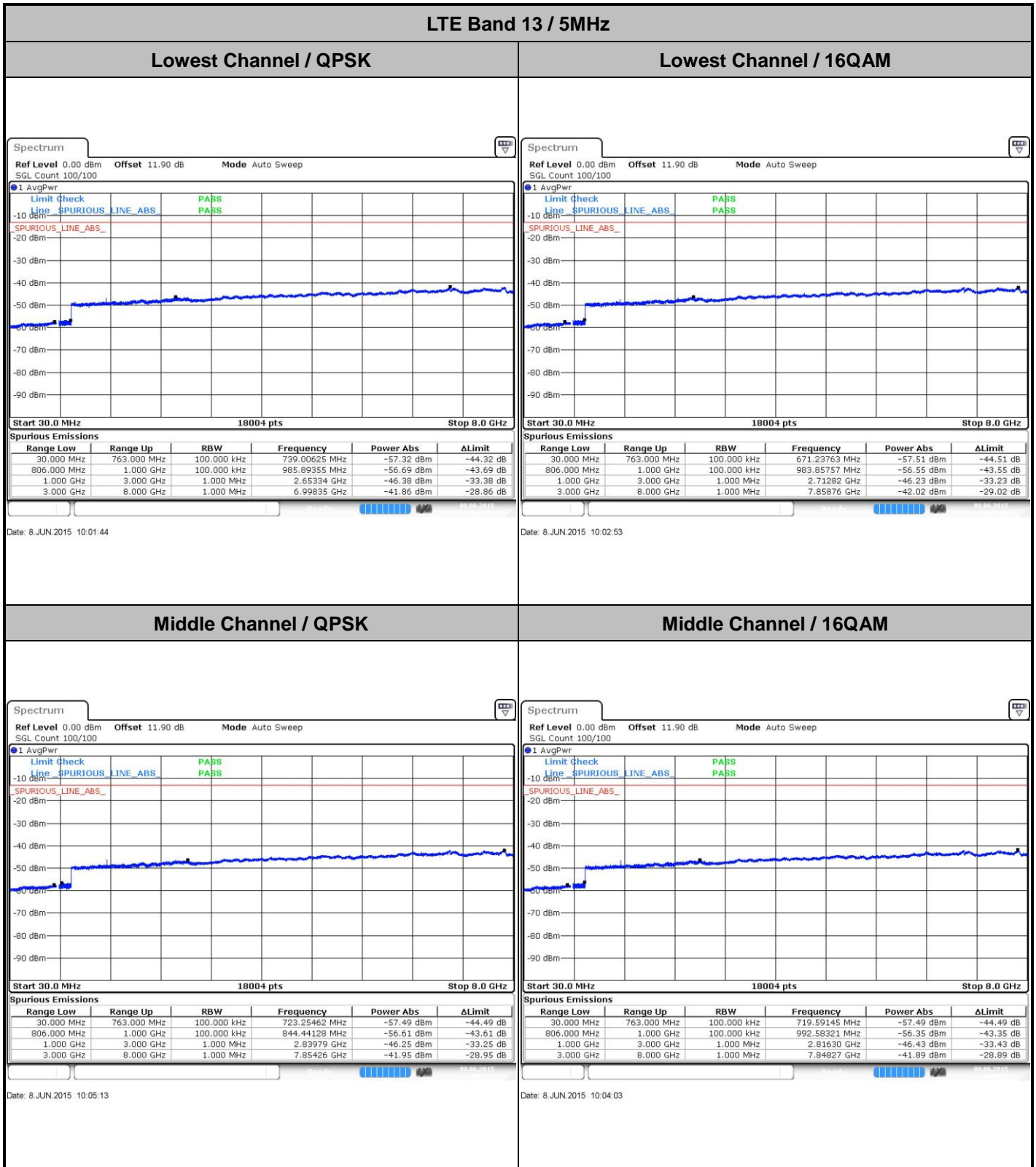
Band Edge / Full RB



Date: 8 JUN 2015 10:56:26



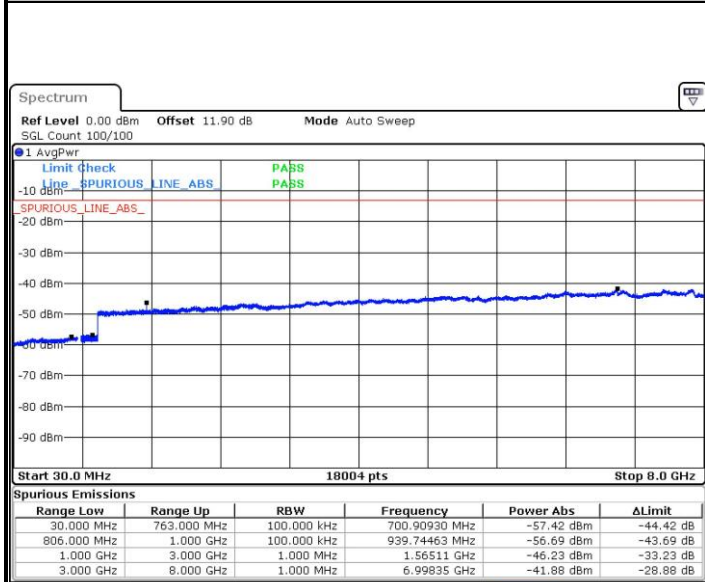
# Conducted Spurious Emission





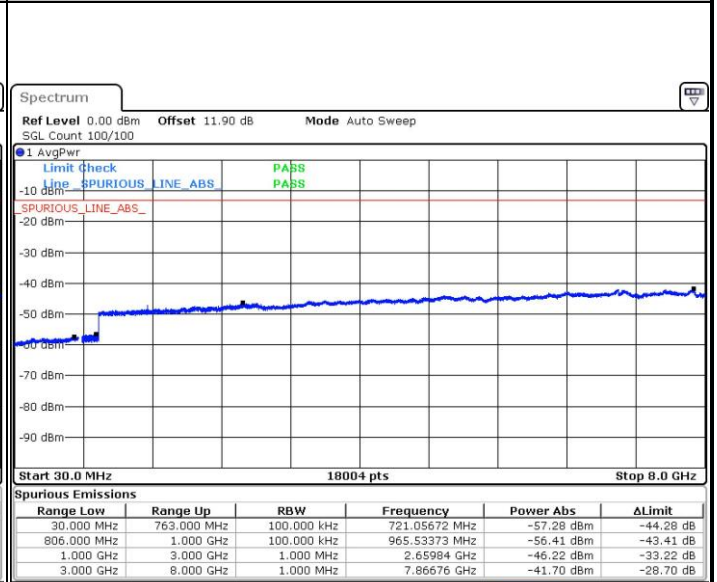
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 8 JUN 2015 10:07:56

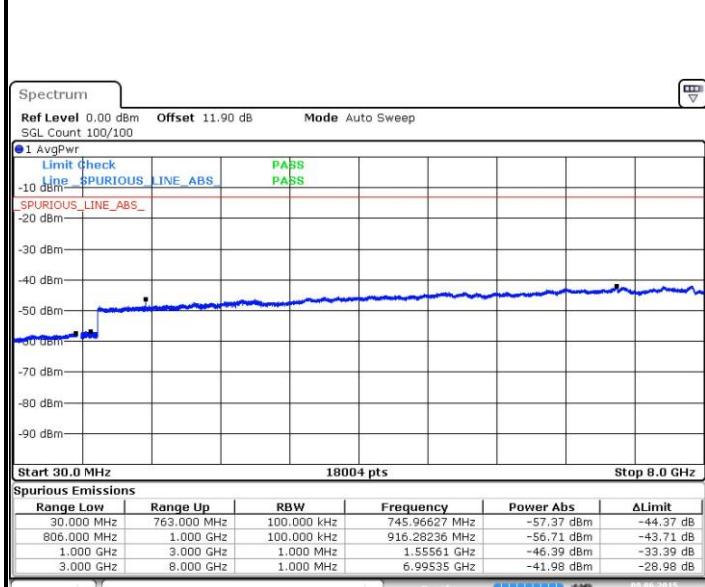
Highest Channel / 16QAM



Date: 8 JUN 2015 10:09:06

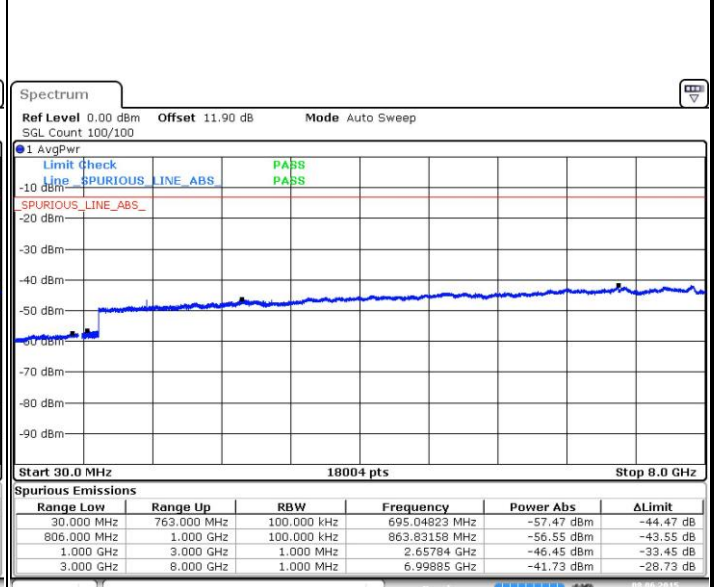
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 8 JUN 2015 10:12:12

Middle Channel / 16QAM



Date: 8 JUN 2015 10:11:02



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0100	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0104	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0136	
-30	Normal Voltage	0.0146	
20	Maximum Voltage	0.0105	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0031	

Note:

1. Normal Voltage = 3.9 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 based on the frequency deviation measured is small.



## Appendix B. Test Results of Radiated Test

### ERP/EIRP

LTE Band 2 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.43	0.0553	22.53	0.1791
Middle		1	0	18.18	0.0658	23.95	0.2483
Highest		1	0	18.57	0.0719	24.69	0.2944
Lowest	16QAM	1	0	16.85	0.0484	22.01	0.1589
Middle		1	0	17.37	0.0546	23.25	0.2113
Highest		1	0	17.89	0.0615	23.98	0.2500
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.64	0.0581	22.75	0.1884
Middle		1	0	18.21	0.0662	23.84	0.2421
Highest		1	0	18.87	0.0771	24.75	0.2985
Lowest	16QAM	1	0	16.88	0.0488	22.10	0.1622
Middle		1	0	17.37	0.0546	23.25	0.2113
Highest		1	0	17.89	0.0615	24.11	0.2576
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.69	0.0587	22.79	0.1901
Middle		1	0	18.26	0.0670	23.83	0.2415
Highest		1	0	18.82	0.0762	24.62	0.2897
Lowest	16QAM	1	0	16.92	0.0492	22.11	0.1626
Middle		1	0	17.41	0.0551	23.30	0.2138
Highest		1	0	17.98	0.0628	24.16	0.2606
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.79	0.0601	22.98	0.1986
Middle		1	0	18.24	0.0667	23.81	0.2404
Highest		1	0	18.79	0.0757	24.57	0.2864
Lowest	16QAM	1	0	17.11	0.0514	22.32	0.1706
Middle		1	0	17.50	0.0562	23.29	0.2133
Highest		1	0	17.91	0.0618	24.03	0.2529
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.93	0.0621	23.09	0.2037
Middle		1	0	18.43	0.0697	24.06	0.2547
Highest		1	0	18.72	0.0745	24.49	0.2812
Lowest	16QAM	1	0	17.17	0.0521	22.35	0.1718
Middle		1	0	17.53	0.0566	23.29	0.2133
Highest		1	0	17.85	0.0610	24.00	0.2512
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.26	0.0670	23.48	0.2228
Middle		1	0	18.49	0.0706	24.10	0.2570
Highest		1	0	19.05	0.0804	24.93	0.3112
Lowest	16QAM	1	0	17.40	0.0550	22.62	0.1828
Middle		1	0	17.66	0.0583	23.37	0.2173
Highest		1	0	18.28	0.0673	24.36	0.2729
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.21	0.0662	23.82	0.2410
Middle		1	0	18.52	0.0711	24.24	0.2655
Highest		1	0	18.84	0.0766	24.21	0.2636
Lowest	16QAM	1	0	16.36	0.0433	22.47	0.1766
Middle		1	0	16.66	0.0463	22.74	0.1879
Highest		1	0	17.16	0.0520	22.72	0.1871
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.05	0.0638	23.85	0.2427
Middle		1	0	18.44	0.0698	24.23	0.2649
Highest		1	0	18.78	0.0755	24.22	0.2642
Lowest	16QAM	1	0	16.33	0.0430	22.52	0.1786
Middle		1	0	16.73	0.0471	22.80	0.1905
Highest		1	0	17.15	0.0519	22.72	0.1871
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.36	0.0685	24.18	0.2618
Middle		1	0	18.67	0.0736	24.49	0.2812
Highest		1	0	19.00	0.0794	24.58	0.2871
Lowest	16QAM	1	0	16.67	0.0465	22.59	0.1816
Middle		1	0	16.95	0.0495	22.86	0.1932
Highest		1	0	17.32	0.0540	22.76	0.1888
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.48	0.0705	24.49	0.2812
Middle		1	0	18.70	0.0741	24.58	0.2871
Highest		1	0	19.22	0.0836	24.78	0.3006
Lowest	16QAM	1	0	16.81	0.0480	22.84	0.1923
Middle		1	0	17.11	0.0514	22.99	0.1991
Highest		1	0	17.56	0.0570	23.15	0.2065
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.49	0.0706	24.45	0.2786
Middle		1	0	18.95	0.0785	24.88	0.3076
Highest		1	0	19.31	0.0853	24.91	0.3097
Lowest	16QAM	1	0	16.89	0.0489	22.94	0.1968
Middle		1	0	17.26	0.0532	23.12	0.2051
Highest		1	0	17.55	0.0569	23.21	0.2094
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.89	0.0774	24.87	0.3069
Middle		1	0	18.93	0.0782	25.17	0.3289
Highest		1	0	19.36	0.0863	25.12	0.3251
Lowest	16QAM	1	0	17.21	0.0526	23.20	0.2089
Middle		1	0	17.43	0.0553	23.33	0.2153
Highest		1	0	17.83	0.0607	23.61	0.2296
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	12.72	0.0187	19.22	0.0836
Middle		1	0	13.34	0.0216	19.38	0.0867
Highest		1	0	14.12	0.0258	19.45	0.0881
Lowest	16QAM	1	0	10.74	0.0119	16.88	0.0488
Middle		1	0	11.17	0.0131	16.89	0.0489
Highest		1	0	11.88	0.0154	17.01	0.0502
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	12.76	0.0189	19.23	0.0838
Middle		1	0	13.26	0.0212	19.38	0.0867
Highest		1	0	13.87	0.0244	19.36	0.0863
Lowest	16QAM	1	0	10.76	0.0119	16.91	0.0491
Middle		1	0	11.03	0.0127	16.80	0.0479
Highest		1	0	11.68	0.0147	16.96	0.0497
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	12.98	0.0199	19.32	0.0855
Middle		1	0	13.07	0.0203	19.20	0.0832
Highest		1	0	13.54	0.0226	19.18	0.0828
Lowest	16QAM	1	0	10.87	0.0122	17.03	0.0505
Middle		1	0	10.97	0.0125	16.78	0.0476
Highest		1	0	11.37	0.0137	16.81	0.0480
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	12.98	0.0199	19.43	0.0877
Middle		1	0	12.81	0.0191	19.02	0.0798
Highest		1	0	12.91	0.0195	18.81	0.0760
Lowest	16QAM	1	0	10.92	0.0124	17.04	0.0506
Middle		1	0	10.76	0.0119	16.65	0.0462
Highest		1	0	10.81	0.0121	16.36	0.0433
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.61	0.0726	22.30	0.1698
Middle		1	0	18.44	0.0698	21.93	0.1560
Highest		1	0	19.33	0.0857	22.84	0.1923
Lowest	16QAM	1	0	17.81	0.0604	21.58	0.1439
Middle		1	0	17.57	0.0571	21.20	0.1318
Highest		1	0	18.52	0.0711	22.07	0.1611
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.76	0.0752	22.36	0.1722
Middle		1	0	18.43	0.0697	21.81	0.1517
Highest		1	0	19.18	0.0828	22.30	0.1698
Lowest	16QAM	1	0	17.77	0.0598	21.59	0.1442
Middle		1	0	17.60	0.0575	21.21	0.1321
Highest		1	0	18.44	0.0698	21.87	0.1538
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.72	0.0745	22.33	0.1710
Middle		1	0	18.19	0.0659	21.63	0.1455
Highest		1	0	18.84	0.0766	21.91	0.1552
Lowest	16QAM	1	0	17.92	0.0619	21.75	0.1496
Middle		1	0	17.41	0.0551	21.11	0.1291
Highest		1	0	18.13	0.0650	21.58	0.1439
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.63	0.0729	22.27	0.1687
Middle		1	0	17.96	0.0625	21.39	0.1377
Highest		1	0	18.69	0.0740	21.77	0.1503
Lowest	16QAM	1	0	17.75	0.0596	21.58	0.1439
Middle		1	0	17.32	0.0540	21.00	0.1259
Highest		1	0	17.85	0.0610	21.31	0.1352
Limit	EIRP < 2W			Result		PASS	



LTE Band 13 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	11.83	0.0152	20.54	0.1132
Middle		1	0	11.71	0.0148	20.34	0.1081
Highest		1	0	11.82	0.0152	20.45	0.1109
Lowest	16QAM	1	0	9.61	0.0091	18.35	0.0684
Middle		1	0	9.33	0.0086	17.97	0.0627
Highest		1	0	9.29	0.0085	17.86	0.0611
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	-	-	-	-
Middle		1	0	11.73	0.0149	20.57	0.1140
Highest		1	0	-	-	-	-
Lowest	16QAM	1	0	-	-	-	-
Middle		1	0	9.58	0.0091	18.24	0.0667
Highest		1	0	-	-	-	-
Limit	ERP < 3W			Result		PASS	



## Radiated Spurious Emission

<EUT with WPC Charger>

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 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	3700	-49.01	-13	-36.01	-63.29	-55.58	1.67	8.24	H
	5552	-58.40	-13	-45.40	-78.53	-65.47	2.65	9.72	H
	7402	-52.27	-13	-39.27	-77.74	-61.41	2.46	11.60	H
	3700	-45.94	-13	-32.94	-60.34	-52.51	1.67	8.24	V
	5552	-60.00	-13	-47.00	-78.59	-67.07	2.65	9.72	V
	7402	-53.53	-13	-40.53	-77.79	-62.67	2.46	11.60	V
Middle	3756	-47.07	-13	-34.07	-61.64	-53.69	1.68	8.31	H
	5637	-58.40	-13	-45.40	-78.25	-65.45	2.70	9.75	H
	7517	-53.50	-13	-40.50	-77.95	-62.89	2.42	11.81	H
	3756	-43.73	-13	-30.73	-57.73	-50.35	1.68	8.31	V
	5637	-60.43	-13	-47.43	-78.18	-67.48	2.70	9.75	V
	7517	-53.83	-13	-40.83	-77.84	-63.22	2.42	11.81	V
Highest	3819	-44.86	-13	-31.86	-59.65	-49.39	1.70	8.38	H
	5725	-58.28	-13	-45.28	-78.44	-63.17	2.75	9.79	H
	7634	-53.10	-13	-40.10	-77.79	-60.44	2.39	11.88	H
	3819	-42.50	-13	-29.50	-56.64	-47.03	1.70	8.38	V
	5725	-59.20	-13	-46.20	-78.19	-64.09	2.75	9.79	V
	7634	-53.79	-13	-40.79	-77.76	-61.13	2.39	11.88	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 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	3700	-47.85	-13	-34.85	-62.34	-54.42	1.67	8.24	H
	5550	-58.10	-13	-45.10	-78.23	-65.17	2.65	9.72	H
	7400	-52.28	-13	-39.28	-77.82	-61.42	2.46	11.60	H
	3700	-46.31	-13	-33.31	-60.71	-52.88	1.67	8.24	V
	5550	-46.64	-13	-33.64	-78.23	-53.71	2.65	9.72	V
	7400	-40.49	-13	-27.49	-77.76	-49.63	2.46	11.60	V
Middle	3757	-43.30	-13	-30.30	-57.98	-49.92	1.68	8.31	H
	5635.5	-58.31	-13	-45.31	-78.21	-65.36	2.70	9.75	H
	7514	-52.68	-13	-39.68	-77.74	-62.06	2.42	11.81	H
	3757	-42.34	-13	-29.34	-56.72	-48.96	1.68	8.31	V
	5635.5	-59.93	-13	-46.93	-78.33	-66.98	2.70	9.75	V
	7514	-53.64	-13	-40.64	-77.77	-63.02	2.42	11.81	V
Highest	3814	-40.72	-13	-27.72	-55.45	-45.24	1.70	8.38	H
	5721	-56.26	-13	-43.26	-76.42	-61.15	2.75	9.79	H
	7628	-52.92	-13	-39.92	-77.62	-60.26	2.39	11.88	H
	3814	-40.04	-13	-27.04	-54.17	-44.56	1.70	8.38	V
	5721	-56.43	-13	-43.43	-75.42	-61.32	2.75	9.79	V
	7628	-53.73	-13	-40.73	-77.71	-61.07	2.39	11.88	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 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	3700	-62.10	-13	-49.10	-76.59	-68.67	1.67	8.24	H
	5550	-58.07	-13	-45.07	-78.2	-65.14	2.65	9.72	H
	7400	-52.26	-13	-39.26	-77.8	-61.4	2.46	11.60	H
	3700	-62.40	-13	-49.40	-76.8	-68.97	1.67	8.24	V
	5550	-59.59	-13	-46.59	-78.18	-66.66	2.65	9.72	V
	7400	-53.38	-13	-40.38	-77.65	-62.52	2.46	11.60	V
Middle	3755	-61.87	-13	-48.87	-76.55	-68.49	1.68	8.31	H
	5632	-58.29	-13	-45.29	-78.25	-65.34	2.70	9.75	H
	7510	-52.88	-13	-39.88	-77.95	-62.26	2.43	11.81	H
	3755	-62.47	-13	-49.47	-76.85	-69.09	1.68	8.31	V
	5632	-59.66	-13	-46.66	-78.01	-66.71	2.70	9.75	V
	7510	-45.30	-13	-32.30	-77.81	-54.68	2.43	11.81	V
Highest	3810	-61.49	-13	-48.49	-76.22	-66.01	1.70	8.37	H
	5715	-58.12	-13	-45.12	-78.21	-63.01	2.75	9.79	H
	7620	-53.42	-13	-40.42	-78.11	-60.75	2.39	11.87	H
	3810	-62.51	-13	-49.51	-76.56	-67.03	1.70	8.37	V
	5715	-59.20	-13	-46.20	-78.06	-64.09	2.75	9.79	V
	7620	-53.54	-13	-40.54	-77.47	-60.87	2.39	11.87	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 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	3700	-44.91	-13	-31.91	-58.99	-51.48	1.67	8.24	H
	5550	-58.25	-13	-45.25	-78.13	-65.32	2.65	9.72	H
	7400	-53.31	-13	-40.31	-77.98	-62.45	2.46	11.60	H
	3700	-43.75	-13	-30.75	-44.6	-50.32	1.67	8.24	V
	5550	-58.64	-13	-45.64	-58.78	-65.71	2.65	9.72	V
	7400	-54.28	-13	-41.28	-54.79	-63.42	2.46	11.60	V
Middle	3750	-44.01	-13	-31.01	-58.35	-50.63	1.68	8.30	H
	5625	-56.16	-13	-43.16	-75.18	-63.21	2.70	9.75	H
	7500	-53.35	-13	-40.35	-77.86	-62.72	2.43	11.80	H
	3750	-43.01	-13	-30.01	-56.86	-49.63	1.68	8.30	V
	5625	-57.97	-13	-44.97	-75.41	-65.02	2.70	9.75	V
	7500	-54.07	-13	-41.07	-77.98	-63.44	2.43	11.80	V
Highest	3800	-39.74	-13	-26.74	-54.53	-44.25	1.70	8.36	H
	5700	-51.64	-13	-38.64	-74.63	-56.53	2.74	9.78	H
	7600	-54.17	-13	-41.17	-78.13	-61.48	2.40	11.86	H
	3800	-40.23	-13	-27.23	-53.79	-44.74	1.70	8.36	V
	5700	-51.74	-13	-38.74	-70.35	-56.63	2.74	9.78	V
	7600	-54.51	-13	-41.51	-78.17	-61.82	2.40	11.86	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 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	3700	-62.48	-13	-49.48	-76.97	-69.05	1.67	8.24	H
	5550	-57.97	-13	-44.97	-78.1	-65.04	2.65	9.72	H
	7400	-52.32	-13	-39.32	-77.86	-61.46	2.46	11.60	H
	3700	-62.69	-13	-49.69	-77.09	-69.26	1.67	8.24	V
	5550	-59.63	-13	-46.63	-78.22	-66.7	2.65	9.72	V
	7400	-53.33	-13	-40.33	-77.6	-62.47	2.46	11.60	V
Middle	3745	-61.93	-13	-48.93	-76.55	-68.54	1.68	8.29	H
	5617	-58.40	-13	-45.40	-78.36	-65.45	2.69	9.75	H
	7490	-52.92	-13	-39.92	-78.07	-62.27	2.43	11.78	H
	3745	-61.85	-13	-48.85	-76.24	-68.46	1.68	8.29	V
	5617	-59.92	-13	-46.92	-78.27	-66.97	2.69	9.75	V
	7490	-53.94	-13	-40.94	-78.13	-63.29	2.43	11.78	V
Highest	3790	-61.70	-13	-48.70	-76.41	-66.2	1.70	8.35	H
	5685	-58.53	-13	-45.53	-78.53	-63.42	2.73	9.77	H
	7580	-53.21	-13	-40.21	-77.97	-60.5	2.40	11.85	H
	3790	-62.52	-13	-49.52	-76.68	-67.02	1.70	8.35	V
	5685	-59.50	-13	-46.50	-78.21	-64.39	2.73	9.77	V
	7580	-54.25	-13	-41.25	-78.2	-61.54	2.40	11.85	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 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	3700	-62.35	-13	-49.35	-76.84	-68.92	1.67	8.24	H
	5550	-58.23	-13	-45.23	-78.36	-65.3	2.65	9.72	H
	7400	-52.35	-13	-39.35	-77.89	-61.49	2.46	11.60	H
	3700	-62.13	-13	-49.13	-76.53	-68.7	1.67	8.24	V
	5550	-46.47	-13	-33.47	-78.06	-53.54	2.65	9.72	V
	7400	-40.48	-13	-27.48	-77.75	-49.62	2.46	11.60	V
Middle	3740	-62.09	-13	-49.09	-76.72	-68.7	1.68	8.29	H
	5610	-58.10	-13	-45.10	-78.13	-65.16	2.69	9.74	H
	7480	-52.79	-13	-39.79	-77.99	-62.11	2.44	11.76	H
	3740	-62.20	-13	-49.20	-76.6	-68.81	1.68	8.29	V
	5610	-59.93	-13	-46.93	-78.25	-66.99	2.69	9.74	V
	7480	-53.84	-13	-40.84	-78.03	-63.16	2.44	11.76	V
Highest	3780	-61.80	-13	-48.80	-76.5	-66.29	1.69	8.34	H
	5670	-58.08	-13	-45.08	-78.01	-62.98	2.72	9.77	H
	7560	-52.44	-13	-39.44	-77.28	-59.72	2.41	11.84	H
	3780	-62.34	-13	-49.34	-76.61	-66.83	1.69	8.34	V
	5670	-59.59	-13	-46.59	-78.18	-64.49	2.72	9.77	V
	7560	-53.42	-13	-40.42	-77.42	-60.7	2.41	11.84	V

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



<EUT with WPC Charger>

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 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	3420	-52.56	-13	-39.56	-65.01	-58.63	1.58	7.65	H
	5130	-58.43	-13	-45.43	-77.63	-65.72	2.41	9.70	H
	6840	-55.22	-13	-42.22	-78.45	-63.19	2.64	10.61	H
	3420	-51.11	-13	-38.11	-63.27	-57.18	1.58	7.65	V
	5130	-59.43	-13	-46.43	-77.5	-66.72	2.41	9.70	V
	6840	-55.34	-13	-42.34	-78.25	-63.31	2.64	10.61	V
Middle	3463	-51.03	-13	-38.03	-63.97	-57.27	1.59	7.84	H
	5195	-57.51	-13	-44.51	-76.83	-64.76	2.45	9.70	H
	6927	-55.07	-13	-42.07	-78.52	-63.17	2.61	10.71	H
	3463	-52.02	-13	-39.02	-65.2	-58.26	1.59	7.84	V
	5195	-58.52	-13	-45.52	-76.87	-65.77	2.45	9.70	V
	6927	-55.41	-13	-42.41	-78.56	-63.51	2.61	10.71	V
Highest	3504	-51.82	-13	-38.82	-65.11	-58.22	1.61	8.00	H
	5260	-58.87	-13	-45.87	-78.15	-66.08	2.49	9.70	H
	7014	-54.59	-13	-41.59	-78.3	-62.83	2.59	10.83	H
	3504	-50.11	-13	-37.11	-63.99	-56.51	1.61	8.00	V
	5260	-59.42	-13	-46.42	-78.05	-66.63	2.49	9.70	V
	7014	-54.67	-13	-41.67	-78.12	-62.91	2.59	10.83	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 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	3420	-47.87	-13	-34.87	-60.32	-53.94	1.58	7.65	H
	5130	-58.39	-13	-45.39	-77.59	-65.68	2.41	9.70	H
	6840	-54.86	-13	-41.86	-78.09	-62.83	2.64	10.61	H
	3420	-51.30	-13	-38.30	-63.46	-57.37	1.58	7.65	V
	5130	-59.35	-13	-46.35	-77.42	-66.64	2.41	9.70	V
	6840	-55.38	-13	-42.38	-78.29	-63.35	2.64	10.61	V
Middle	3462	-47.99	-13	-34.99	60.93	-54.23	1.59	7.83	H
	5193	-58.23	-13	-45.23	-77.55	-65.48	2.45	9.70	H
	6924	-54.91	-13	-41.91	-78.31	-63	2.62	10.71	H
	3462	-46.55	-13	-33.55	-59.73	-52.79	1.59	7.83	V
	5193	-57.96	-13	-44.96	-76.31	-65.21	2.45	9.70	V
	6924	-55.29	-13	-42.29	-78.43	-63.38	2.62	10.71	V
Highest	3504	-49.42	-13	-36.42	-62.71	-55.82	1.61	8.00	H
	5256	-58.54	-13	-45.54	-77.68	-65.76	2.48	9.70	H
	7008	-54.57	-13	-41.57	-78.2	-62.8	2.59	10.82	H
	3504	-47.15	-13	-34.15	-61.03	-53.55	1.61	8.00	V
	5256	-59.24	-13	-46.24	-77.82	-66.46	2.48	9.70	V
	7008	-54.71	-13	-41.71	-78.17	-62.94	2.59	10.82	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 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	3420	-48.27	-13	-35.27	-60.72	-54.34	1.58	7.65	H
	5130	-57.94	-13	-44.94	-77.14	-65.23	2.41	9.70	H
	6840	-55.16	-13	-42.16	-78.39	-63.13	2.64	10.61	H
	3420	-45.62	-13	-32.62	-57.78	-51.69	1.58	7.65	V
	5130	-56.38	-13	-43.38	-74.45	-63.67	2.41	9.70	V
	6840	-55.48	-13	-42.48	-78.39	-63.45	2.64	10.61	V
Middle	3462	-50.21	-13	-37.21	-63.15	-56.45	1.59	7.83	H
	5190	-57.43	-13	-44.43	-76.72	-64.68	2.45	9.70	H
	6920	-54.98	-13	-41.98	-78.39	-63.07	2.62	10.70	H
	3462	-50.42	-13	-37.42	-63.6	-56.66	1.59	7.83	V
	5190	-58.38	-13	-45.38	-76.66	-65.63	2.45	9.70	V
	6920	-55.29	-13	-42.29	-78.44	-63.38	2.62	10.70	V
Highest	3504	-49.07	-13	-36.07	-62.36	-55.47	1.61	8.00	H
	5250	-58.73	-13	-45.73	-77.87	-65.95	2.48	9.70	H
	7000	-54.62	-13	-41.62	-78.25	-62.83	2.59	10.80	H
	3504	-43.85	-13	-30.85	-57.73	-50.25	1.61	8.00	V
	5250	-57.54	-13	-44.54	-76.12	-64.76	2.48	9.70	V
	7000	-54.90	-13	-41.90	-78.36	-63.11	2.59	10.80	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 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	3420	-51.63	-13	-38.63	-64.08	-57.7	1.58	7.65	H
	5135	-56.73	-13	-43.73	-75.93	-64.02	2.41	9.70	H
	6840	-54.91	-13	-41.91	-78.14	-62.88	2.64	10.61	H
	3420	-51.56	-13	-38.56	-63.72	-57.63	1.58	7.65	V
	5135	-59.49	-13	-46.49	-77.56	-66.78	2.41	9.70	V
	6840	-55.46	-13	-42.46	-78.37	-63.43	2.64	10.61	V
Middle	3455	-46.91	-13	-33.91	-59.68	-53.12	1.59	7.80	H
	5182	-56.66	-13	-43.66	-75.95	-63.92	2.44	9.70	H
	6910	-54.71	-13	-41.71	-78.11	-62.78	2.62	10.69	H
	3455	-50.75	-13	-37.75	-63.59	-56.96	1.59	7.80	V
	5182	-56.99	-13	-43.99	-75.27	-64.25	2.44	9.70	V
	6910	-55.08	-13	-42.08	-78.22	-63.15	2.62	10.69	V
Highest	3490	-48.70	-13	-35.70	-61.81	-55.05	1.60	7.96	H
	5235	-58.60	-13	-45.60	-77.8	-65.83	2.47	9.70	H
	6980	-54.39	-13	-41.39	-77.98	-62.57	2.60	10.78	H
	3490	-47.88	-13	-34.88	-61.4	-54.23	1.60	7.96	V
	5235	-58.00	-13	-45.00	-76.51	-65.23	2.47	9.70	V
	6980	-54.54	-13	-41.54	-77.94	-62.72	2.60	10.78	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 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	3420	-44.41	-13	-31.41	-56.86	-50.48	1.58	7.65	H
	5130	-56.43	-13	-43.43	-75.63	-63.72	2.41	9.70	H
	6840	-55.11	-13	-42.11	-78.34	-63.08	2.64	10.61	H
	3420	-50.14	-13	-37.14	-62.3	-56.21	1.58	7.65	V
	5130	-59.65	-13	-46.65	-77.72	-66.94	2.41	9.70	V
	6840	-55.38	-13	-42.38	-78.29	-63.35	2.64	10.61	V
Middle	3448	-55.09	-13	-42.09	-67.86	-61.27	1.59	7.77	H
	5175	-56.91	-13	-43.91	-76.2	-64.17	2.44	9.70	H
	6900	-54.95	-13	-41.95	-78.31	-63.01	2.62	10.68	H
	3448	-46.03	-13	-33.03	-58.87	-52.21	1.59	7.77	V
	5175	-56.31	-13	-43.31	-74.59	-63.57	2.44	9.70	V
	6900	-55.05	-13	-42.05	-78.14	-63.11	2.62	10.68	V
Highest	3480	-43.87	-13	-30.87	-56.98	-50.18	1.60	7.91	H
	5220	-55.07	-13	-42.07	-74.27	-62.31	2.46	9.70	H
	6960	-54.50	-13	-41.50	-78.04	-62.65	2.60	10.75	H
	3480	-46.37	-13	-33.37	-59.89	-52.68	1.60	7.91	V
	5220	-56.80	-13	-43.80	-75.31	-64.04	2.46	9.70	V
	6960	-54.67	-13	-41.67	-78.01	-62.82	2.60	10.75	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 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	3420	-49.75	-13	-36.75	-62.2	-55.82	1.58	7.65	H
	5130	-57.67	-13	-44.67	-76.87	-64.96	2.41	9.70	H
	6840	-54.83	-13	-41.83	-78.06	-62.8	2.64	10.61	H
	3420	-51.18	-13	-38.18	-63.34	-57.25	1.58	7.65	V
	5130	-58.72	-13	-45.72	-76.79	-66.01	2.41	9.70	V
	6840	-55.26	-13	-42.26	-78.17	-63.23	2.64	10.61	V
Middle	3445	-46.40	-13	-33.40	-59.17	-52.57	1.59	7.76	H
	5167.5	-56.66	-13	-43.66	-75.92	-63.93	2.43	9.70	H
	6890	-55.10	-13	-42.10	-78.41	-63.14	2.63	10.67	H
	3445	-45.86	-13	-32.86	-58.7	-52.03	1.59	7.76	V
	5167.5	-58.13	-13	-45.13	-76.34	-65.4	2.43	9.70	V
	6890	-55.28	-13	-42.28	-78.36	-63.32	2.63	10.67	V
Highest	3470	-47.96	-13	-34.96	-60.9	-54.23	1.59	7.87	H
	5205	-57.85	-13	-44.85	-77.17	-65.09	2.46	9.70	H
	6940	-55.02	-13	-42.02	-78.47	-63.14	2.61	10.73	H
	3470	-47.85	-13	-34.85	-61.03	-54.12	1.59	7.87	V
	5205	-58.51	-13	-45.51	-76.86	-65.75	2.46	9.70	V
	6940	-55.29	-13	-42.29	-78.5	-63.41	2.61	10.73	V

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



<EUT with WPC Charger>

LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	-68.66	-13	-55.66	-73.06	-70.42	0.98	4.89	H
	2472	-65.73	-13	-52.73	-74.79	-67.61	1.28	5.32	H
	3296	-63.11	-13	-50.11	-75.36	-66.52	1.54	7.10	H
	1648	-70.32	-13	-57.32	-73.34	-72.08	0.98	4.89	V
	2472	-64.58	-13	-51.58	-74.69	-66.46	1.28	5.32	V
	3296	-64.23	-13	-51.23	-75.45	-67.64	1.54	7.10	V
Middle	1671.6	-68.64	-13	-55.64	-73.12	-70.32	0.99	4.82	H
	2507.4	-65.42	-13	-52.42	-74.72	-67.38	1.29	5.41	H
	3343.2	-62.37	-13	-49.37	-74.31	-65.97	1.56	7.31	H
	1671.6	-68.71	-13	-55.71	-71.62	-70.39	0.99	4.82	V
	2507.4	-64.79	-13	-51.79	-74.84	-66.75	1.29	5.41	V
	3343.2	-64.43	-13	-51.43	-75.6	-68.03	1.56	7.31	V
Highest	1695.2	-68.62	-13	-55.62	-73.14	-70.23	1.00	4.75	H
	2542.8	-65.22	-13	-52.22	-74.56	-67.2	1.30	5.43	H
	3390.4	-63.81	-13	-50.81	-75.77	-67.61	1.57	7.52	H
	1695.2	-69.38	-13	-56.38	-72.93	-70.99	1.00	4.75	V
	2542.8	-64.67	-13	-51.67	-74.76	-66.65	1.30	5.43	V
	3390.4	-64.19	-13	-51.19	-75.78	-67.99	1.57	7.52	V

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



LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-68.60	-13	-55.60	-73.03	-70.36	0.98	4.89	H
	2472	-65.80	-13	-52.80	-74.93	-67.68	1.28	5.32	H
	3296	-61.72	-13	-48.72	-73.91	-65.13	1.54	7.10	H
	1648	-69.29	-13	-56.29	-72.27	-71.05	0.98	4.89	V
	2472	-64.56	-13	-51.56	-74.84	-66.44	1.28	5.32	V
	3296	-64.13	-13	-51.13	-75.43	-67.54	1.54	7.10	V
Middle	1670	-69.31	-13	-56.31	-73.59	-71	0.99	4.82	H
	2505	-65.86	-13	-52.86	-75.03	-67.82	1.29	5.40	H
	3340	-62.38	-13	-49.38	-74.23	-65.97	1.55	7.30	H
	1670	-68.33	-13	-55.33	-72.02	-70.02	0.99	4.82	V
	2505	-65.11	-13	-52.11	-75.02	-67.07	1.29	5.40	V
	3340	-64.69	-13	-51.69	-75.75	-68.28	1.55	7.30	V
Highest	1692	-66.39	-13	-53.39	-70.85	-68.01	1.00	4.76	H
	2538	-65.27	-13	-52.27	-74.6	-67.25	1.30	5.43	H
	3384	-63.43	-13	-50.43	-75.39	-67.2	1.57	7.49	H
	1692	-65.99	-13	-52.99	-69.47	-67.61	1.00	4.76	V
	2538	-64.74	-13	-51.74	-74.71	-66.72	1.30	5.43	V
	3384	-63.81	-13	-50.81	-75.15	-67.58	1.57	7.49	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-68.69	-13	-55.69	-73.07	-70.45	0.98	4.89	H
	2472	-65.99	-13	-52.99	-74.94	-67.87	1.28	5.32	H
	3296	-61.58	-13	-48.58	-73.85	-64.99	1.54	7.10	H
	1648	-69.04	-13	-56.04	-71.97	-70.8	0.98	4.89	V
	2472	-65.06	-13	-52.06	-75.09	-66.94	1.28	5.32	V
	3296	-64.02	-13	-51.02	-75.22	-67.43	1.54	7.10	V
Middle	1668	-68.74	-13	-55.74	-72.97	-70.43	0.99	4.83	H
	2502	-65.79	-13	-52.79	-75	-67.75	1.29	5.40	H
	3336	-63.68	-13	-50.68	-75.53	-67.26	1.55	7.28	H
	1668	-68.98	-13	-55.98	-71.74	-70.67	0.99	4.83	V
	2502	-64.69	-13	-51.69	-74.48	-66.65	1.29	5.40	V
	3336	-64.47	-13	-51.47	-75.62	-68.05	1.55	7.28	V
Highest	1688	-67.49	-13	-54.49	-71.69	-69.12	1.00	4.77	H
	2532	-65.71	-13	-52.71	-74.94	-67.68	1.30	5.43	H
	3376	-63.58	-13	-50.58	-75.44	-67.32	1.57	7.45	H
	1688	-66.99	-13	-53.99	-69.71	-68.62	1.00	4.77	V
	2532	-65.18	-13	-52.18	-75.05	-67.15	1.30	5.43	V
	3376	-64.29	-13	-51.29	-75.56	-68.03	1.57	7.45	V

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



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-67.88	-13	-54.88	-72.32	-69.64	0.98	4.89	H
	2472	-65.79	-13	-52.79	-74.95	-67.67	1.28	5.32	H
	3296	-61.93	-13	-48.93	-74.13	-65.34	1.54	7.10	H
	1648	-68.76	-13	-55.76	-71.67	-70.52	0.98	4.89	V
	2472	-64.82	-13	-51.82	-74.9	-66.7	1.28	5.32	V
	3296	-64.36	-13	-51.36	-75.59	-67.77	1.54	7.10	V
Middle	1664	-67.26	-13	-54.26	-71.73	-68.97	0.98	4.84	H
	2494.5	-65.11	-13	-52.11	-74.51	-67.05	1.29	5.38	H
	3326	-62.64	-13	-49.64	-74.7	-66.17	1.55	7.23	H
	1664	-68.99	-13	-55.99	-72.01	-70.7	0.98	4.84	V
	2494.5	-64.54	-13	-51.54	-74.53	-66.48	1.29	5.38	V
	3326	-63.88	-13	-50.88	-75.17	-67.41	1.55	7.23	V
Highest	1678	-67.95	-13	-54.95	-72.28	-69.61	0.99	4.80	H
	2517	-65.56	-13	-52.56	-74.75	-67.53	1.30	5.41	H
	3356	-62.99	-13	-49.99	-74.88	-66.65	1.56	7.37	H
	1678	-66.26	-13	-53.26	-69	-67.92	0.99	4.80	V
	2517	-64.94	-13	-51.94	-74.89	-66.91	1.30	5.41	V
	3356	-64.53	-13	-51.53	-75.81	-68.19	1.56	7.37	V

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



<EUT with WPC Charger>

LTE Band 7 / 5MHz / QPSK / RB Size 1 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	5004	-44.78	-25	-19.78	-63.58	-52.14	2.34	9.70	H
	7500	-52.68	-25	-27.68	-77.59	-62.05	2.43	11.80	H
	10000	-49.73	-25	-24.73	-78.31	-59.23	2.70	12.20	H
	5004	-47.76	-25	-22.76	-65.05	-55.12	2.34	9.70	V
	7500	-53.85	-25	-28.85	-77.75	-63.22	2.43	11.80	V
	10000	-52.06	-25	-27.06	-78.05	-61.56	2.70	12.20	V
Middle	5064	-42.11	-25	-17.11	-60.93	-49.44	2.37	9.70	H
	7597	-52.60	-25	-27.60	-76.98	-62.06	2.40	11.86	H
	10130	-49.56	-25	-24.56	-78.23	-59.12	2.70	12.25	H
	5064	-44.06	-25	-19.06	-61.57	-51.39	2.37	9.70	V
	7597	-53.24	-25	-28.24	-76.89	-62.7	2.40	11.86	V
	10130	-52.09	-25	-27.09	-78.34	-61.65	2.70	12.25	V
Highest	5136	-43.33	-25	-18.33	-62.28	-50.61	2.42	9.70	H
	7692	-50.41	-25	-25.41	-74.92	-59.96	2.37	11.92	H
	10260	-49.74	-25	-24.74	-78.54	-59.35	2.69	12.30	H
	5136	-42.55	-25	-17.55	-60.3	-49.83	2.42	9.70	V
	7692	-51.66	-25	-26.66	-75.5	-61.21	2.37	11.92	V
	10260	-52.23	-25	-27.23	-78.76	-61.84	2.69	12.30	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 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	5004	-44.82	-25	-19.82	-63.63	-52.18	2.34	9.70	H
	7500	-52.74	-25	-27.74	-77.69	-62.11	2.43	11.80	H
	10000	-49.44	-25	-24.44	-78.02	-58.94	2.70	12.20	H
	5004	-47.62	-25	-22.62	-64.94	-54.98	2.34	9.70	V
	7500	-53.74	-25	-28.74	-77.73	-63.11	2.43	11.80	V
	10000	-52.31	-25	-27.31	-78.22	-61.81	2.70	12.20	V
Middle	5060	-42.83	-25	-17.83	-61.64	-50.16	2.37	9.70	H
	7590	-52.34	-25	-27.34	-76.77	-61.79	2.40	11.85	H
	10120	-49.65	-25	-24.65	-78.32	-59.2	2.70	12.25	H
	5060	-43.47	-25	-18.47	-61	-50.8	2.37	9.70	V
	7590	-54.21	-25	-29.21	-77.85	-63.66	2.40	11.85	V
	10120	-52.14	-25	-27.14	-78.34	-61.69	2.70	12.25	V
Highest	5124	-40.55	-25	-15.55	-59.57	-47.84	2.41	9.70	H
	7680	-50.61	-25	-25.61	-75.15	-60.15	2.37	11.91	H
	10240	-49.47	-25	-24.47	-78.28	-59.07	2.69	12.30	H
	5124	-41.87	-25	-16.87	-59.69	-49.16	2.41	9.70	V
	7680	-50.06	-25	-25.06	-73.88	-59.6	2.37	11.91	V
	10240	-52.04	-25	-27.04	-78.65	-61.64	2.69	12.30	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 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	5004	-45.07	-25	-20.07	-63.78	-52.43	2.34	9.70	H
	7500	-52.38	-25	-27.38	-77.2	-61.75	2.43	11.80	H
	10000	-49.39	-25	-24.39	-77.9	-58.89	2.70	12.20	H
	5004	-44.97	-25	-19.97	-62.32	-52.33	2.34	9.70	V
	7500	-53.36	-25	-28.36	-77.32	-62.73	2.43	11.80	V
	10000	-52.44	-25	-27.44	-78.42	-61.94	2.70	12.20	V
Middle	5052	-42.48	-25	-17.48	-61.23	-49.81	2.37	9.70	H
	7584	-51.98	-25	-26.98	-76.6	-61.43	2.40	11.85	H
	10110	-49.49	-25	-24.49	-78.12	-59.04	2.70	12.24	H
	5052	-41.17	-25	-16.17	-58.59	-48.5	2.37	9.70	V
	7584	-52.46	-25	-27.46	-76.24	-61.91	2.40	11.85	V
	10110	-51.74	-25	-26.74	-77.97	-61.29	2.70	12.24	V
Highest	5112	-38.04	-25	-13.04	-56.93	-45.34	2.40	9.70	H
	7668	-50.58	-25	-25.58	-75.03	-60.11	2.38	11.90	H
	10220	-49.74	-25	-24.74	-78.39	-59.33	2.69	12.29	H
	5112	-39.33	-25	-14.33	-57.15	-46.63	2.40	9.70	V
	7668	-48.11	-25	-23.11	-72.91	-57.64	2.38	11.90	V
	10220	-51.99	-25	-26.99	-78.47	-61.58	2.69	12.29	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 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	5004	-43.76	-25	-18.76	-62.54	-51.12	2.34	9.70	H
	7500	-52.47	-25	-27.47	-77.37	-61.84	2.43	11.80	H
	10000	-49.63	-25	-24.63	-78.3	-59.13	2.70	12.20	H
	5004	-45.34	-25	-20.34	-62.65	-52.7	2.34	9.70	V
	7500	-53.61	-25	-28.61	-77.55	-62.98	2.43	11.80	V
	10000	-52.17	-25	-27.17	-78.13	-61.67	2.70	12.20	V
Middle	5052	-41.36	-25	-16.36	-60.18	-48.69	2.37	9.70	H
	7584	-51.77	-25	-26.77	-76.3	-61.22	2.40	11.85	H
	10098	-49.78	-25	-24.78	-78.42	-59.32	2.70	12.24	H
	5052	-41.43	-25	-16.43	-58.87	-48.76	2.37	9.70	V
	7584	-52.18	-25	-27.18	-75.8	-61.63	2.40	11.85	V
	10100	-51.98	-25	-26.98	-78.23	-61.52	2.70	12.24	V
Highest	5100	-42.68	-25	-17.68	-61.56	-49.99	2.39	9.70	H
	7656	-50.32	-25	-25.32	-74.73	-59.83	2.38	11.89	H
	10200	-49.67	-25	-24.67	-78.38	-59.25	2.70	12.28	H
	5100	-44.42	-25	-19.42	-62.15	-51.73	2.39	9.70	V
	7656	-50.64	-25	-25.64	-74.46	-60.15	2.38	11.89	V
	10200	-51.71	-25	-26.71	-78.25	-61.29	2.70	12.28	V

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



<EUT with PMA>

LTE Band 7 / 15MHz / QPSK / RB Size 1 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	5000	-59.67	-25	-34.67	-78.08	-67.03	2.34	9.70	H
	7500	-53.10	-25	-28.10	-77.94	-62.47	2.43	11.80	H
	10000	-49.86	-25	-24.86	-78.34	-59.36	2.70	12.20	H
	5000	-61.27	-25	-36.27	-77.95	-68.63	2.34	9.70	V
	7500	-54.28	-25	-29.28	-77.81	-63.65	2.43	11.80	V
	10000	-53.09	-25	-28.09	-78.34	-62.59	2.70	12.20	V
Middle	5052	-59.88	-25	-34.88	-78.13	-67.21	2.37	9.70	H
	7582	-53.96	-25	-28.96	-78.21	-63.41	2.40	11.85	H
	10110	-49.64	-25	-24.64	-78.51	-59.19	2.70	12.24	H
	5052	-60.65	-25	-35.65	-77.74	-67.98	2.37	9.70	V
	7582	-54.64	-25	-29.64	-78.14	-64.09	2.40	11.85	V
	10110	-51.92	-25	-26.92	-78.27	-61.47	2.70	12.24	V
Highest	5110	-58.69	-25	-33.69	-77.75	-65.99	2.40	9.70	H
	7665	-53.67	-25	-28.67	-77.94	-63.19	2.38	11.90	H
	10220	-50.04	-25	-25.04	-78.53	-59.63	2.69	12.29	H
	5110	-60.73	-25	-35.73	-78.09	-68.03	2.40	9.70	V
	7665	-53.92	-25	-28.92	-77.87	-63.44	2.38	11.90	V
	10220	-52.27	-25	-27.27	-78.67	-61.86	2.69	12.29	V

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



<EUT with AC Adapter>

LTE Band 7 / 15MHz / QPSK / RB Size 1 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	5000	-59.67	-25	-34.67	-78.1	-67.03	2.34	9.70	H
	7500	-53.75	-25	-28.75	-78.2	-63.12	2.43	11.80	H
	10000	-49.82	-25	-24.82	-78.41	-59.32	2.70	12.20	H
	5000	-60.59	-25	-35.59	-77.9	-67.95	2.34	9.70	V
	7500	-54.10	-25	-29.10	-78.01	-63.47	2.43	11.80	V
	10000	-52.83	-25	-27.83	-78.52	-62.33	2.70	12.20	V
Middle	5055	-59.88	-25	-34.88	-78.03	-67.21	2.37	9.70	H
	7582	-54.02	-25	-29.02	-78.23	-63.47	2.40	11.85	H
	10110	-49.77	-25	-24.77	-78.64	-59.32	2.70	12.24	H
	5055	-60.89	-25	-35.89	-78.15	-68.22	2.37	9.70	V
	7582	-54.88	-25	-29.88	-78.12	-64.33	2.40	11.85	V
	10110	-52.67	-25	-27.67	-78.49	-62.22	2.70	12.24	V
Highest	5110	-58.73	-25	-33.73	-77.77	-66.03	2.40	9.70	H
	7665	-53.70	-25	-28.70	-77.93	-63.22	2.38	11.90	H
	10220	-50.04	-25	-25.04	-78.73	-59.63	2.69	12.29	H
	5110	-60.26	-25	-35.26	-77.76	-67.56	2.40	9.70	V
	7665	-54.30	-25	-29.30	-77.86	-63.82	2.38	11.90	V
	10220	-51.88	-25	-26.88	-78.68	-61.47	2.69	12.29	V

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



<EUT with WPC Charger>

LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1552	-67.41	-13	-54.41	-72.45	-69.48	0.94	5.15	H
	2331	-65.97	-13	-52.97	-74.60	-67.48	1.24	4.89	H
	3108	-62.99	-13	-49.99	-75.18	-65.63	1.48	6.28	H
	1552	-69.14	-13	-56.14	-72.65	-71.21	0.94	5.15	V
	2331	-63.97	-13	-50.97	-74.78	-65.48	1.24	4.89	V
	3108	-63.88	-13	-50.88	-75.29	-66.52	1.48	6.28	V
Middle	1559	-67.84	-42.15	-25.69	-72.79	-69.89	0.94	5.13	H
	2338.5	-66.17	-13	-53.17	-74.74	-67.69	1.24	4.91	H
	3118	-62.74	-13	-49.74	-75.21	-65.42	1.48	6.32	H
	1559	-68.96	-42.15	-26.81	-72.49	-71.01	0.94	5.13	V
	2338.5	-63.56	-13	-50.56	-74.47	-65.08	1.24	4.91	V
	3118	-63.49	-13	-50.49	-75.12	-66.17	1.48	6.32	V
Highest	1564	-68.16	-42.15	-26.01	-73.04	-70.19	0.94	5.12	H
	2346	-66.02	-13	-53.02	-74.53	-67.57	1.24	4.94	H
	3128	-62.86	-13	-49.86	-75.19	-65.59	1.49	6.36	H
	1564	-69.27	-42.15	-27.12	-72.68	-71.30	0.94	5.12	V
	2346	-63.97	-13	-50.97	-74.59	-65.52	1.24	4.94	V
	3128	-63.94	-13	-50.94	-75.30	-66.67	1.49	6.36	V

LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1552	-67.76	-13	-54.76	-72.84	-69.83	0.94	5.15	H
	2331	-66.11	-13	-53.11	-74.81	-67.62	1.24	4.89	H
	3108	-62.81	-13	-49.81	-75.12	-65.45	1.48	6.28	H
	1552	-68.84	-13	-55.84	-72.28	-70.91	0.94	5.15	V
	2331	-63.79	-13	-50.79	-74.56	-65.3	1.24	4.89	V
	3108	-63.83	-13	-50.83	-75.27	-66.47	1.48	6.28	V

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