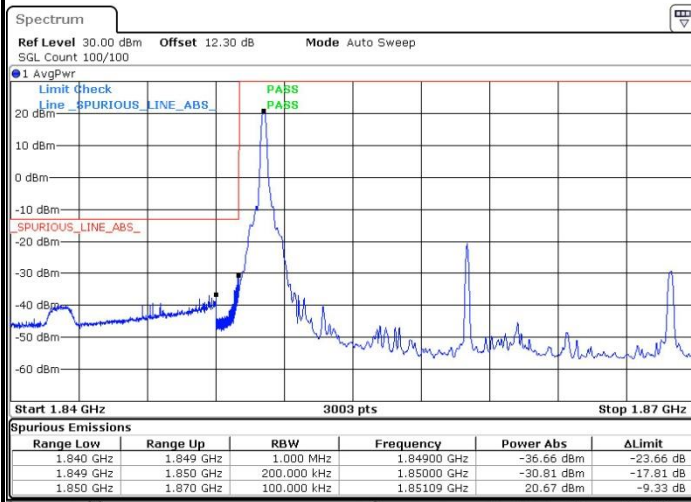


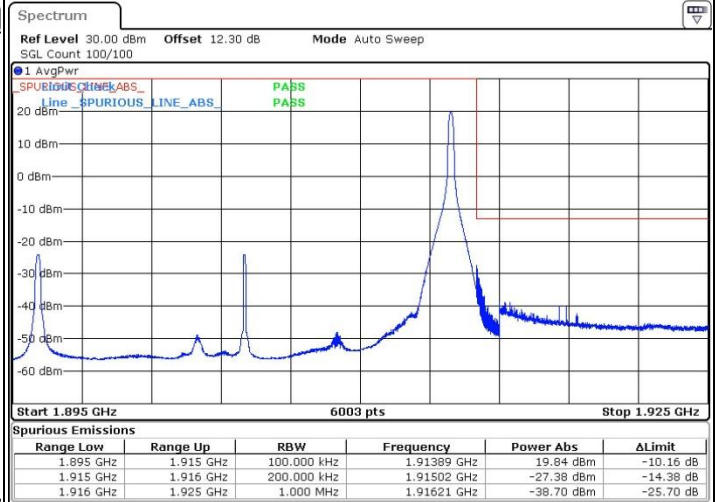


LTE Band 25 / 20MHz / 16QAM

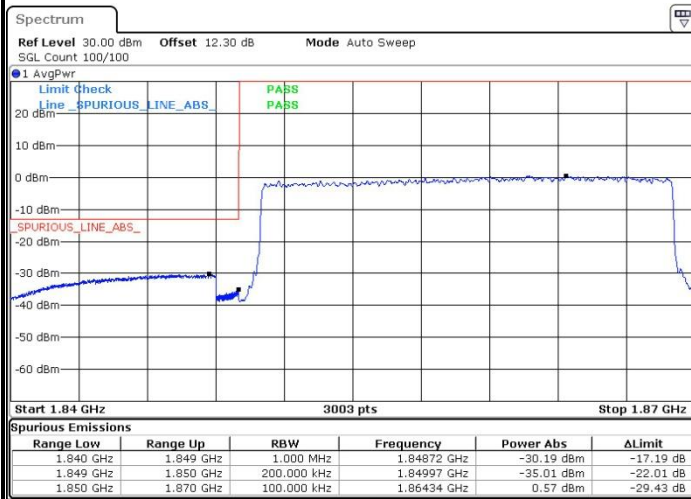
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

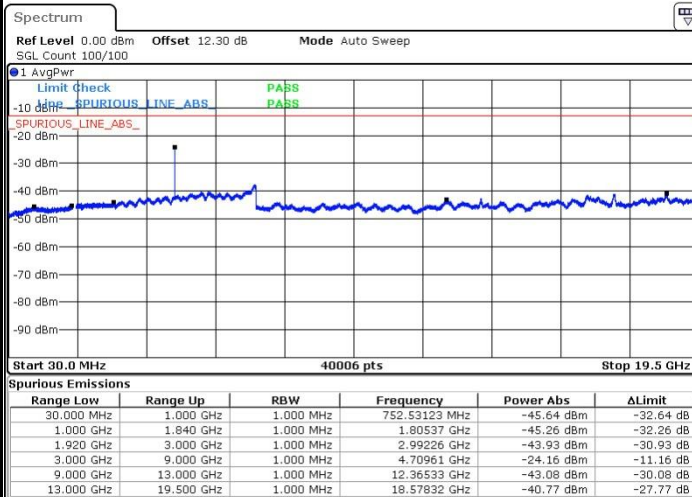




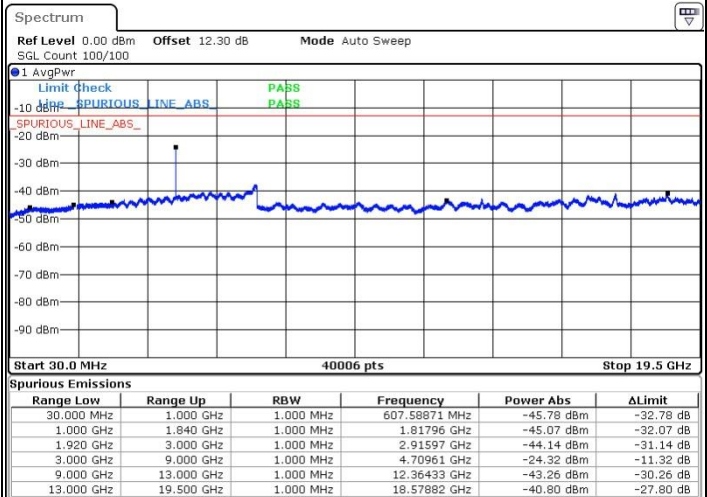
Conducted Spurious Emission

LTE Band 25 / 1.4MHz

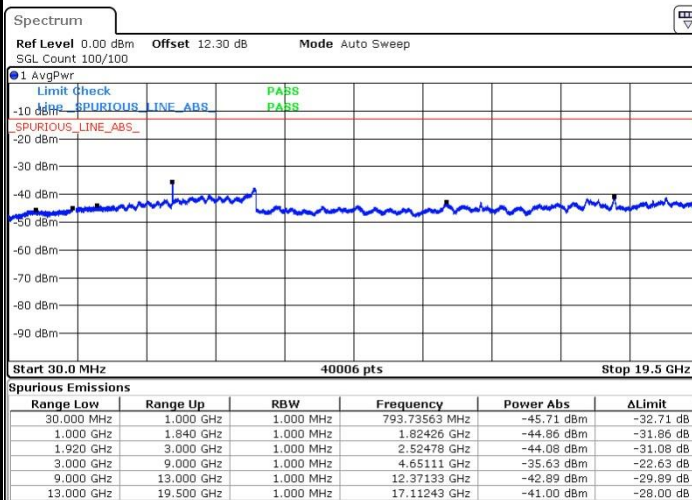
Lowest Channel / QPSK



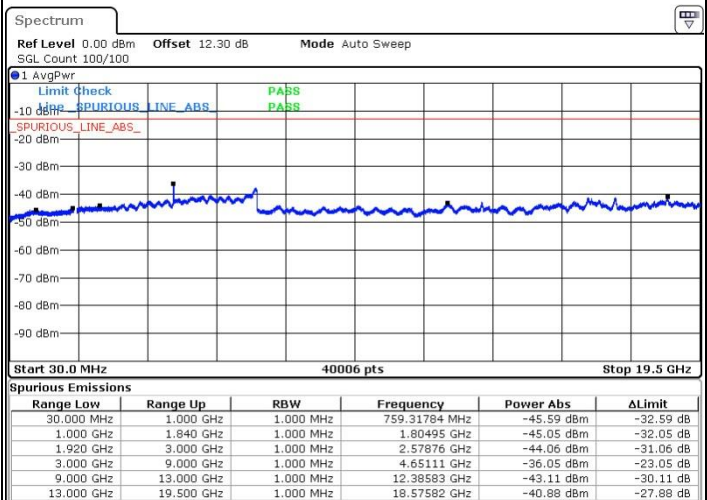
Lowest Channel / 16QAM



Middle Channel / QPSK



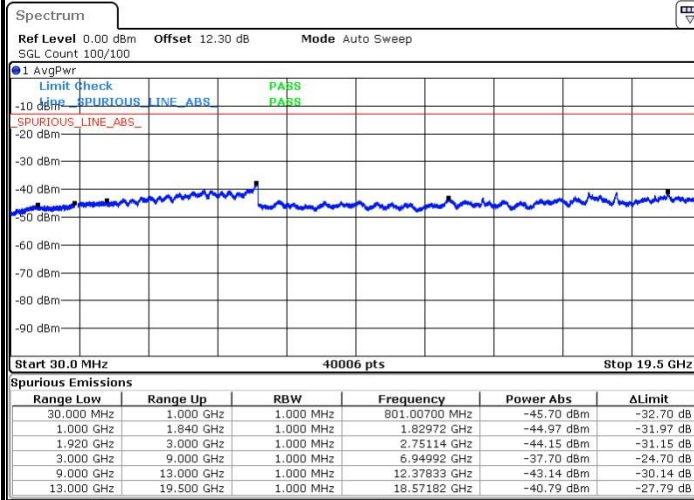
Middle Channel / 16QAM





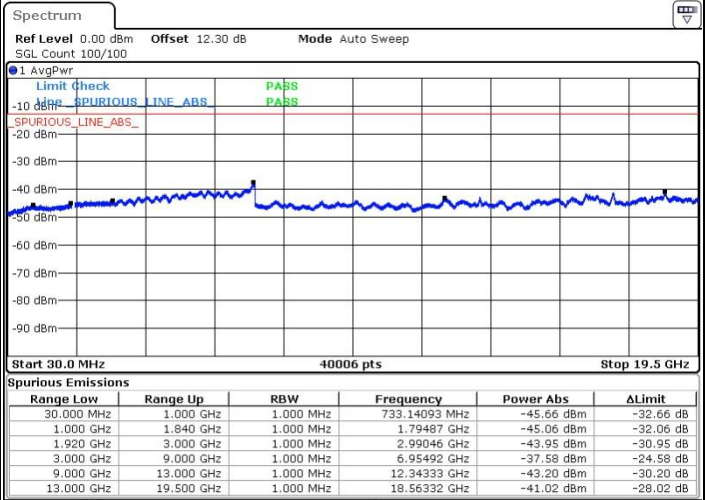
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 7.JUL.2015 20:22:16

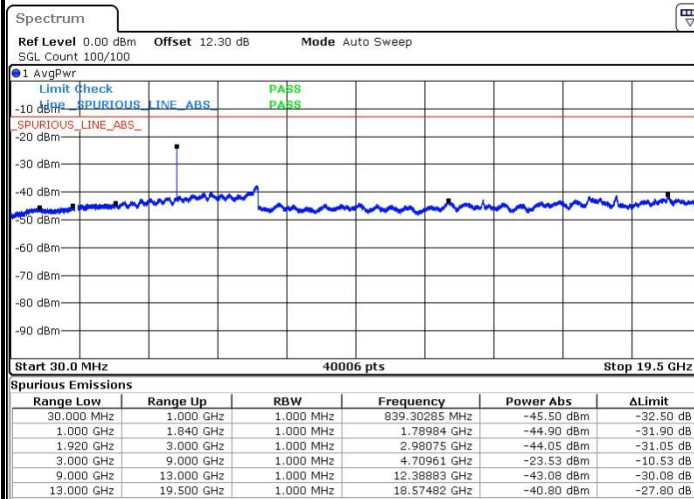
Highest Channel / 16QAM



Date: 7.JUL.2015 23:42:48

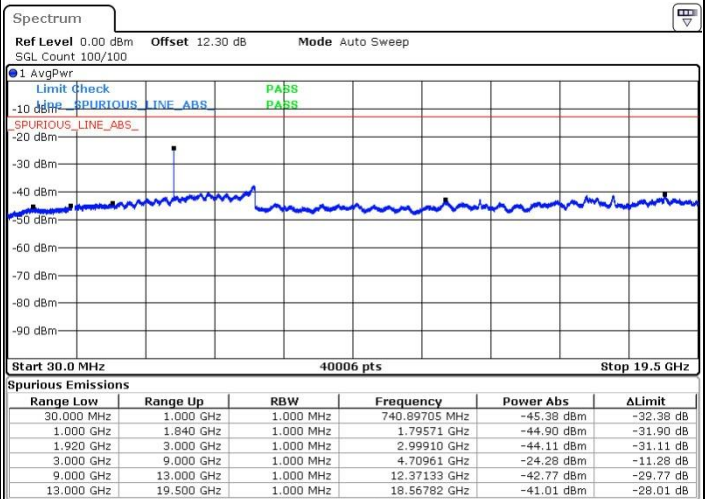
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 7.JUL.2015 21:20:21

Lowest Channel / 16QAM

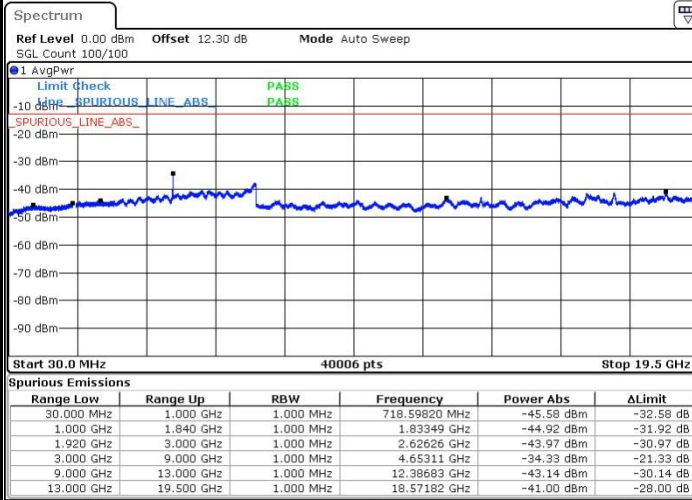


Date: 7.JUL.2015 21:21:36



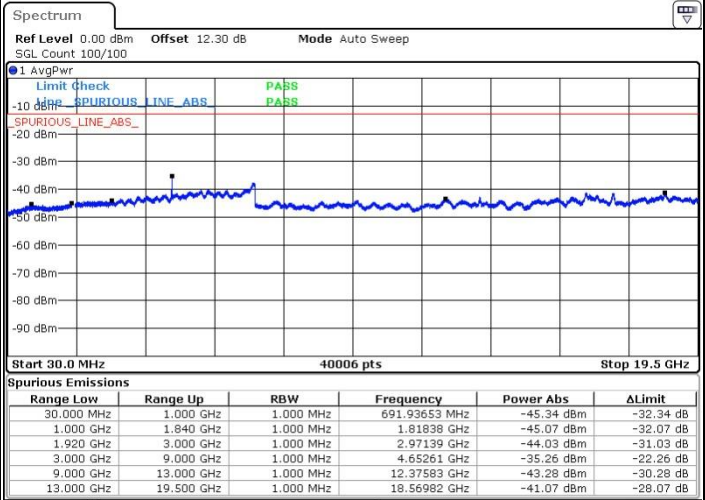
LTE Band 25 / 3MHz

Middle Channel / QPSK



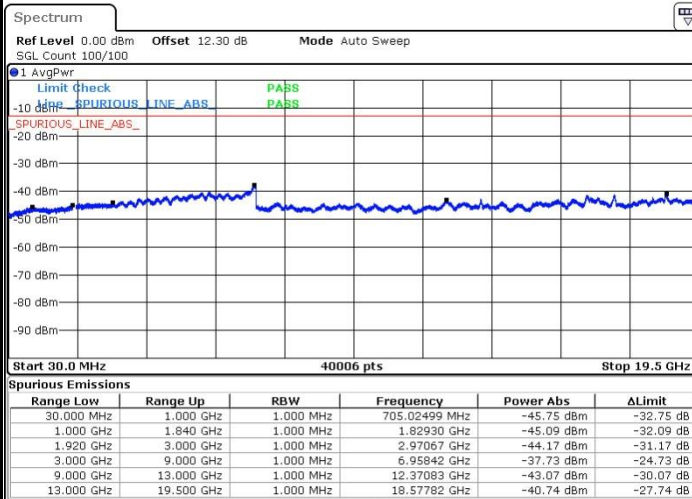
Date: 7.JUL.2015 21:22:51

Middle Channel / 16QAM



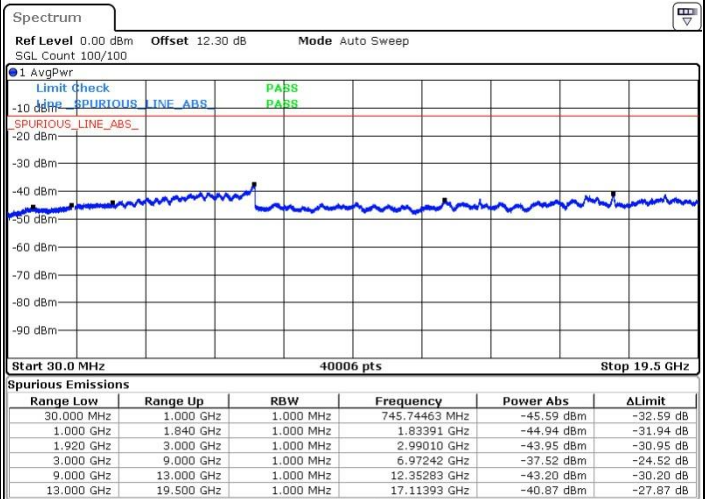
Date: 7.JUL.2015 21:24:06

Highest Channel / QPSK



Date: 7.JUL.2015 21:30:03

Highest Channel / 16QAM

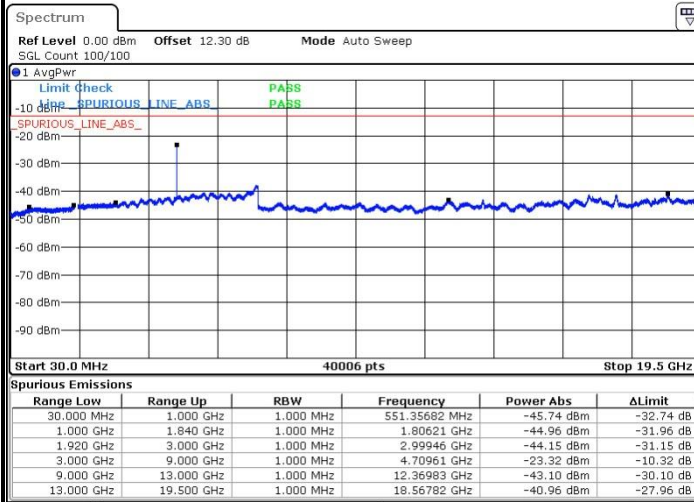


Date: 7.JUL.2015 23:01:21



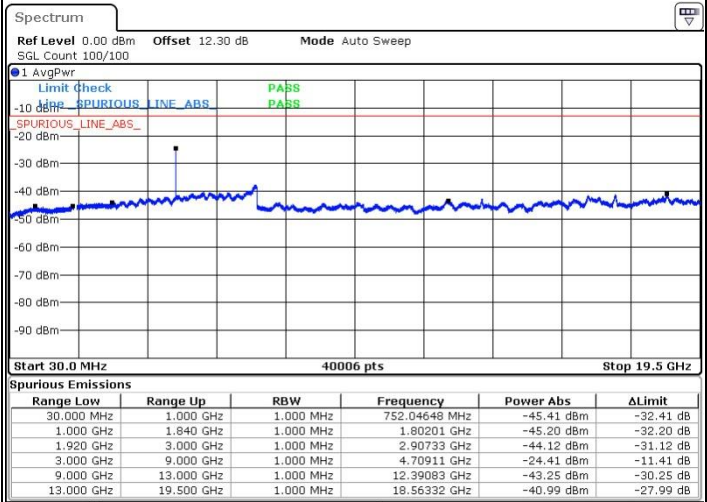
LTE Band 25 / 5MHz

Lowest Channel / QPSK



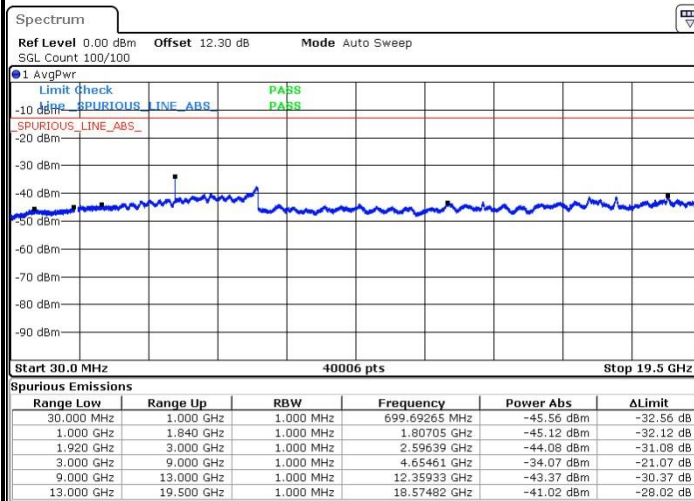
Date: 7.JUL.2015 21:40:04

Lowest Channel / 16QAM



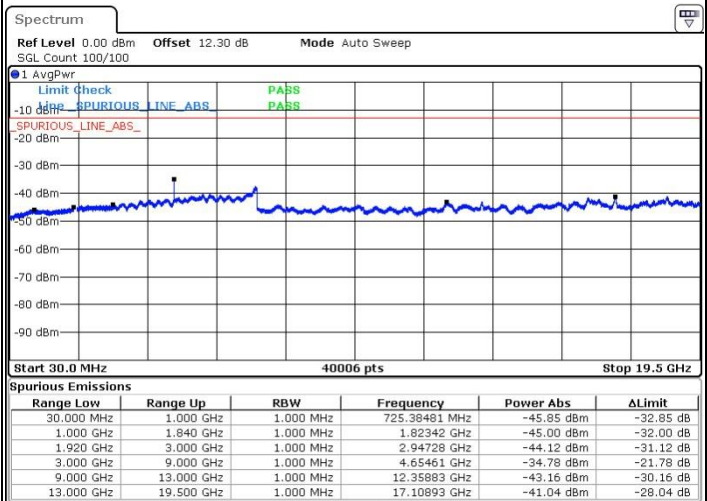
Date: 7.JUL.2015 21:41:19

Middle Channel / QPSK



Date: 7.JUL.2015 21:42:33

Middle Channel / 16QAM

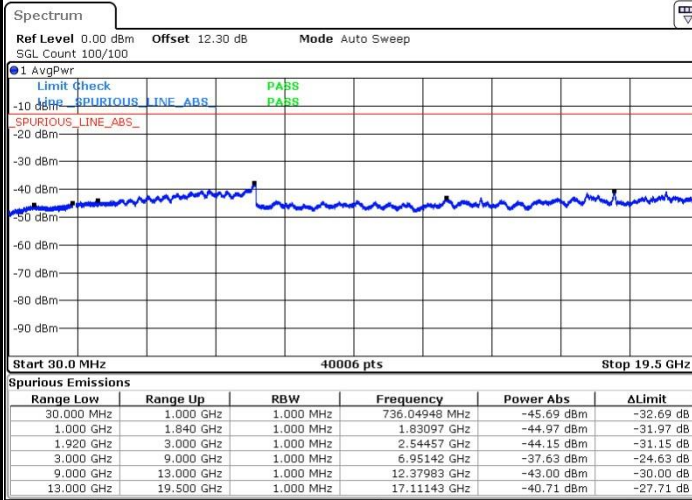


Date: 7.JUL.2015 21:43:48



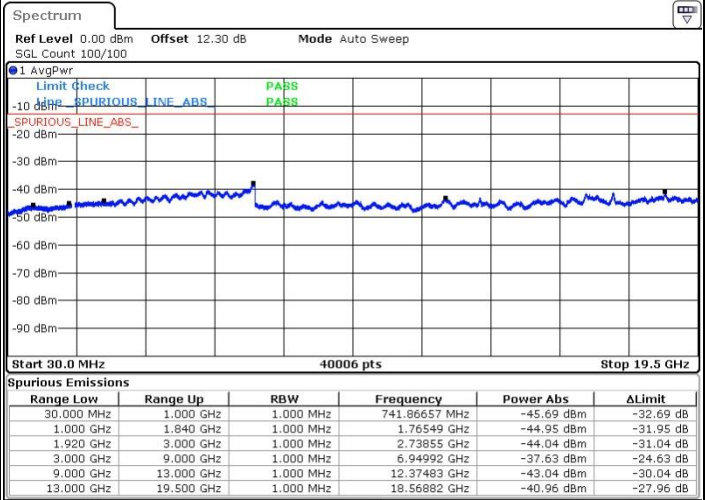
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 7.JUL.2015 21:49:44

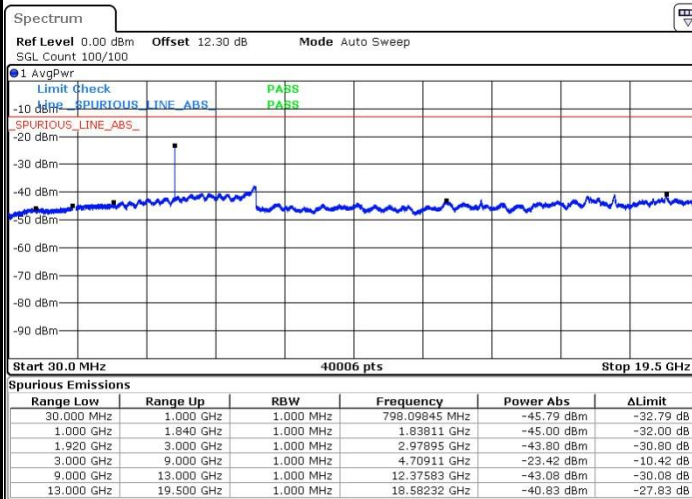
Highest Channel / 16QAM



Date: 7.JUL.2015 23:09:25

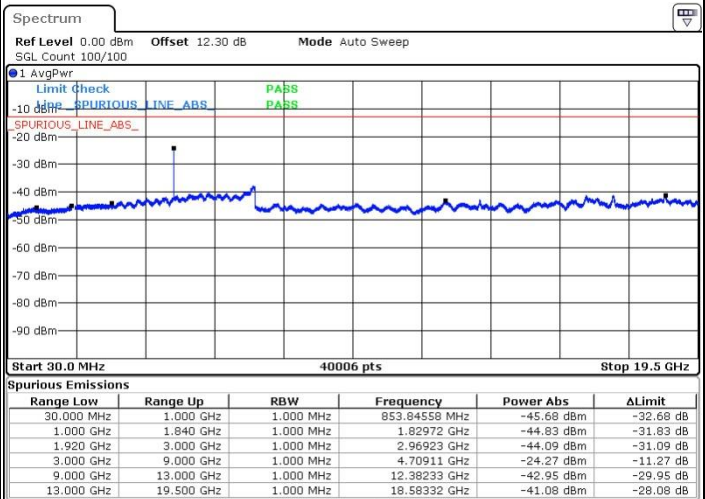
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 7.JUL.2015 22:00:28

Lowest Channel / 16QAM

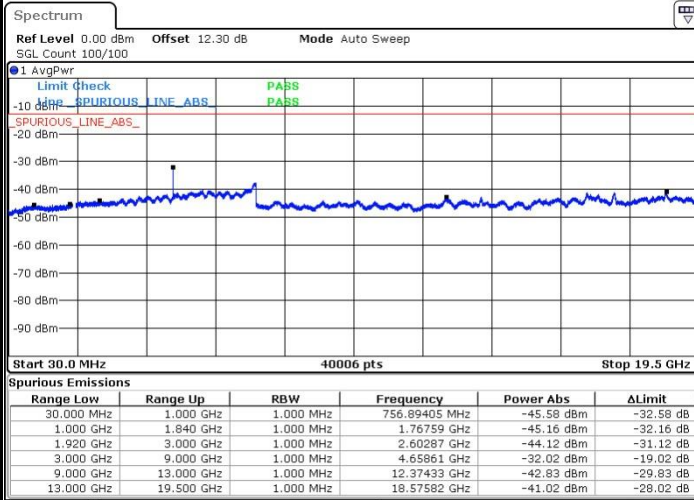


Date: 7.JUL.2015 22:01:42



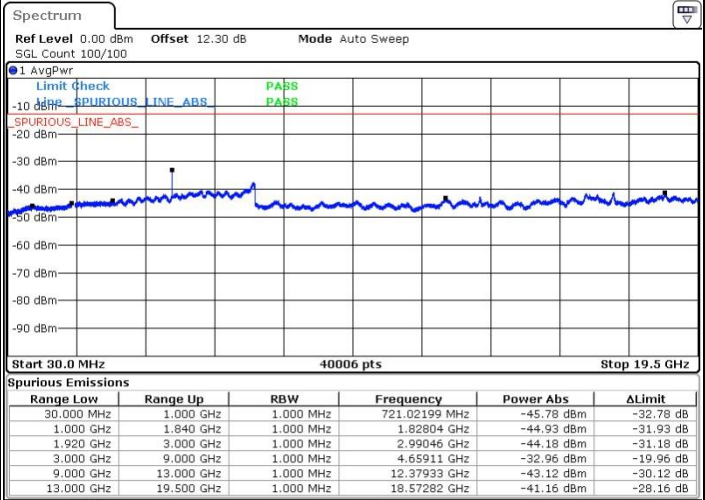
LTE Band 25 / 10MHz

Middle Channel / QPSK



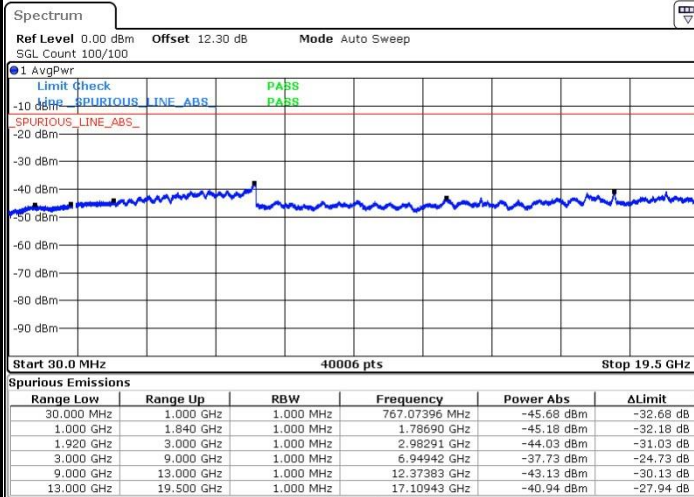
Date: 7.JUL.2015 22:02:57

Middle Channel / 16QAM



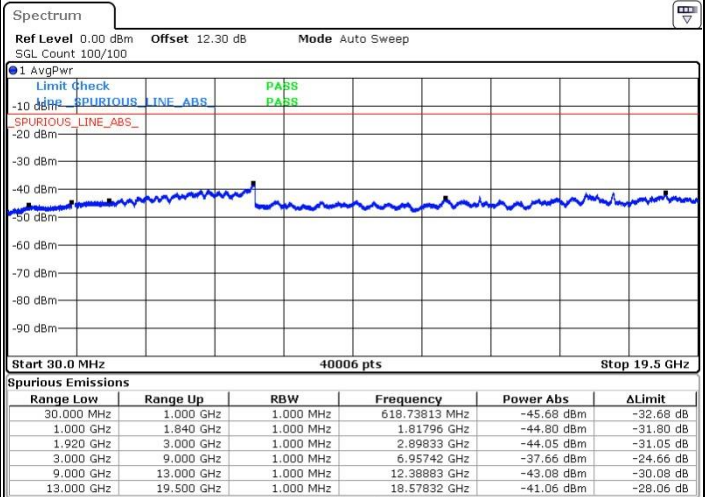
Date: 7.JUL.2015 22:04:12

Highest Channel / QPSK



Date: 7.JUL.2015 22:10:07

Highest Channel / 16QAM

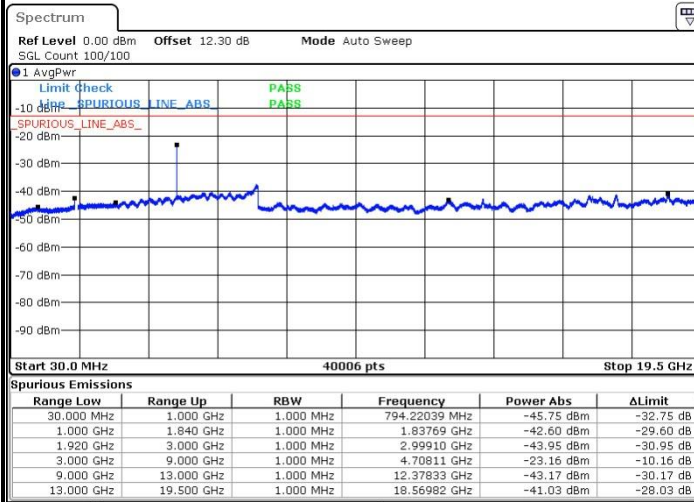


Date: 7.JUL.2015 23:17:27



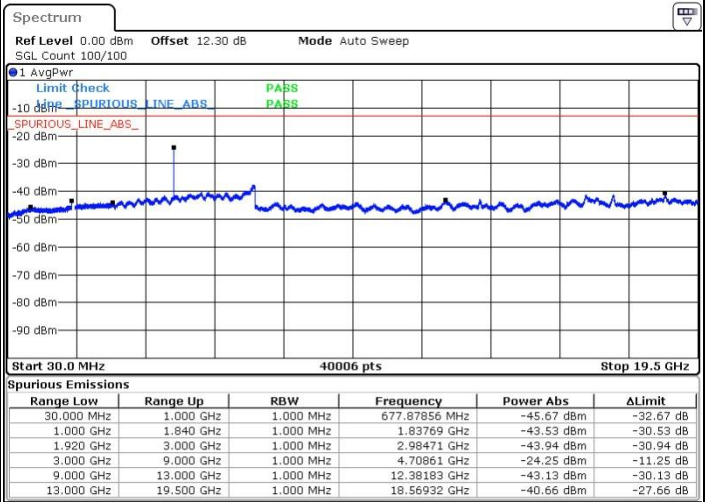
LTE Band 25 / 15MHz

Lowest Channel / QPSK



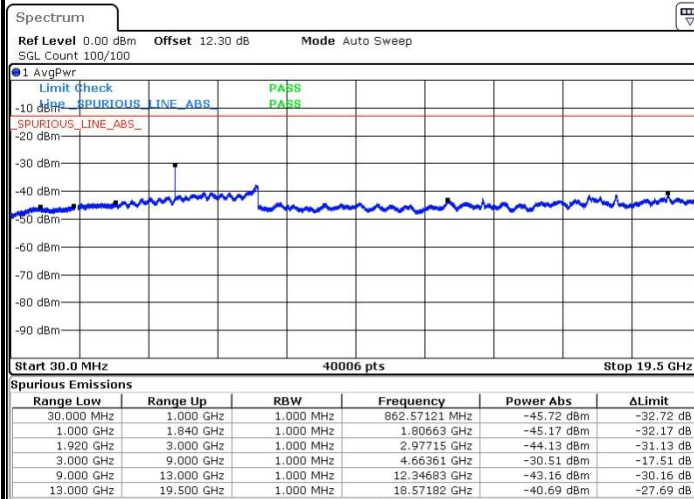
Date: 7.JUL.2015 22:17:16

Lowest Channel / 16QAM



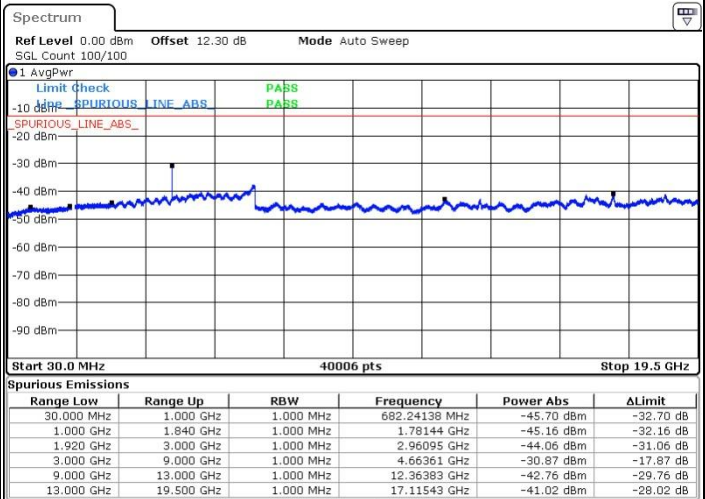
Date: 7.JUL.2015 22:18:30

Middle Channel / QPSK



Date: 7.JUL.2015 22:19:44

Middle Channel / 16QAM

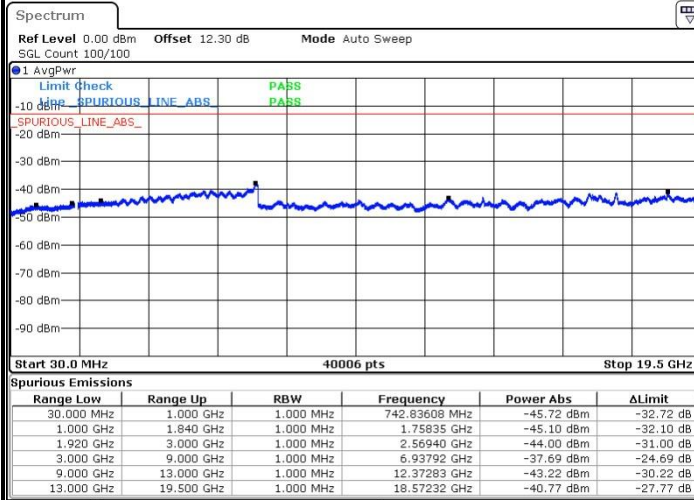


Date: 7.JUL.2015 22:20:59



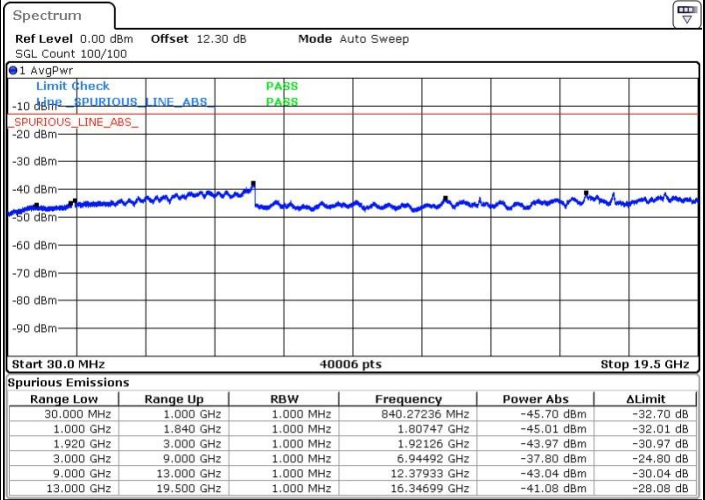
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 7.JUL.2015 22:26:54

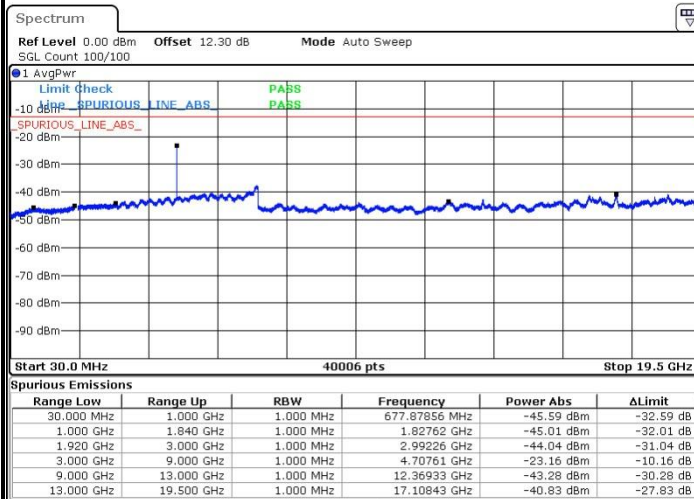
Highest Channel / 16QAM



Date: 7.JUL.2015 23:25:30

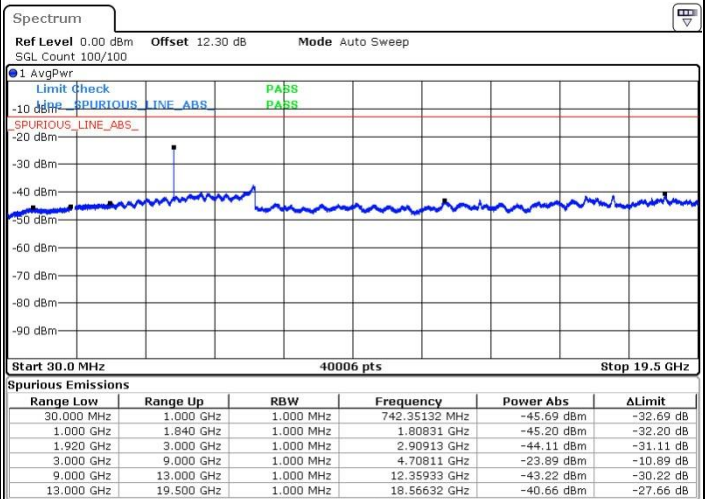
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 7.JUL.2015 22:34:04

Lowest Channel / 16QAM

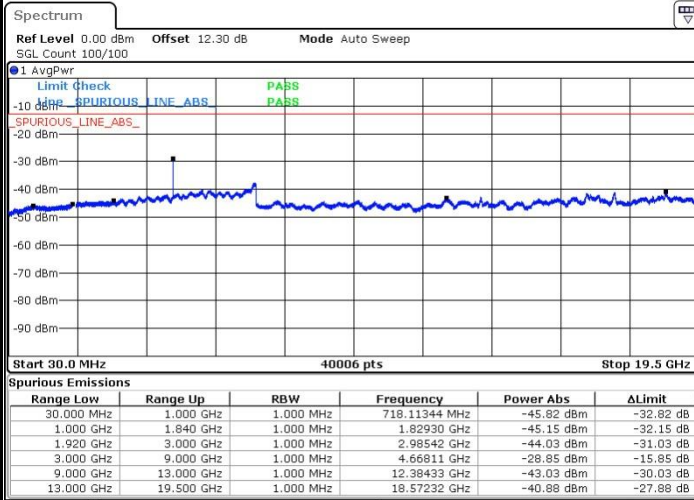


Date: 7.JUL.2015 22:35:18



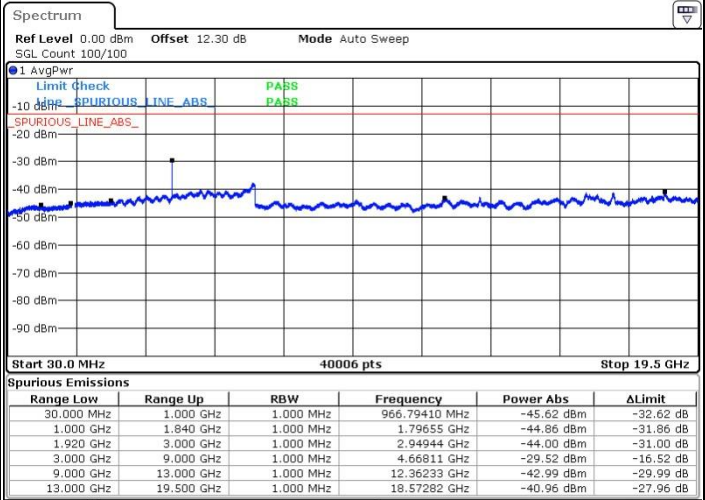
LTE Band 25 / 20MHz

Middle Channel / QPSK



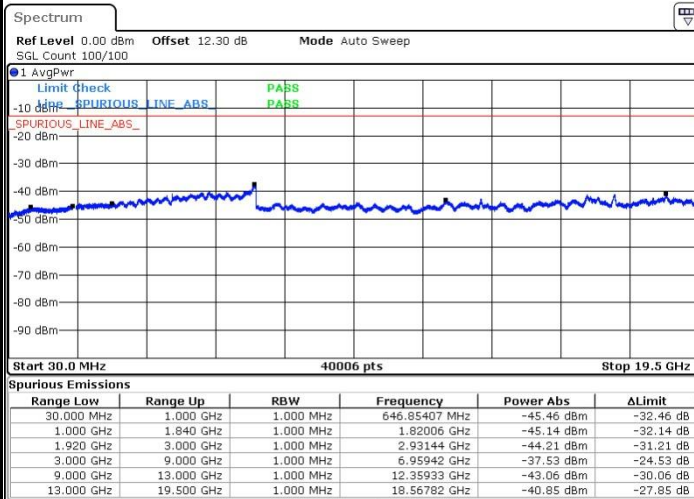
Date: 7.JUL.2015 22:36:32

Middle Channel / 16QAM



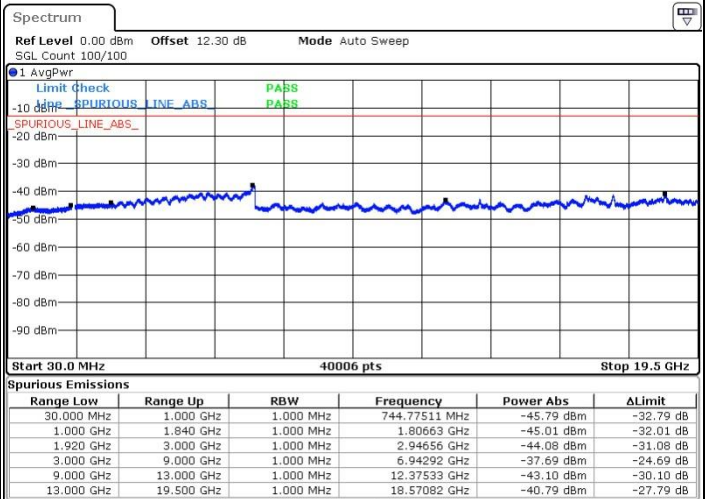
Date: 7.JUL.2015 22:37:46

Highest Channel / QPSK



Date: 7.JUL.2015 22:43:42

Highest Channel / 16QAM



Date: 7.JUL.2015 23:33:33

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0055	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.9V. ; 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	17.68	0.0586	22.93	0.1963
Middle		1	0	17.71	0.0590	22.99	0.1991
Highest		1	0	17.70	0.0589	23.28	0.2128
Lowest	16QAM	1	0	16.14	0.0411	21.94	0.1563
Middle		1	0	16.25	0.0422	21.97	0.1574
Highest		1	0	16.51	0.0448	22.28	0.1690
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	16.98	0.0499	22.70	0.1862
Middle		1	0	17.02	0.0504	22.62	0.1828
Highest		1	0	17.30	0.0537	23.04	0.2014
Lowest	16QAM	1	0	16.18	0.0415	21.97	0.1574
Middle		1	0	16.29	0.0426	21.94	0.1563
Highest		1	0	16.46	0.0443	22.17	0.1648
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	17.06	0.0508	22.85	0.1928
Middle		1	0	17.00	0.0501	22.52	0.1786
Highest		1	0	17.11	0.0514	22.76	0.1888
Lowest	16QAM	1	0	16.20	0.0417	22.09	0.1618
Middle		1	0	16.23	0.0420	21.75	0.1496
Highest		1	0	16.23	0.0420	21.98	0.1578
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	17.27	0.0533	23.00	0.1995
Middle		1	0	17.17	0.0521	22.70	0.1862
Highest		1	0	17.66	0.0583	23.24	0.2109
Lowest	16QAM	1	0	16.26	0.0423	21.98	0.1578
Middle		1	0	16.30	0.0427	21.89	0.1545
Highest		1	0	16.61	0.0458	22.33	0.1710
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	17.44	0.0555	23.17	0.2075
Middle		1	0	17.49	0.0561	23.08	0.2032
Highest		1	0	17.72	0.0592	23.26	0.2118
Lowest	16QAM	1	0	16.67	0.0465	22.43	0.1750
Middle		1	0	16.83	0.0482	22.42	0.1746
Highest		1	0	17.41	0.0551	22.95	0.1972
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	17.43	0.0553	23.17	0.2075
Middle		1	0	17.65	0.0582	23.09	0.2037
Highest		1	0	17.94	0.0622	23.60	0.2291
Lowest	16QAM	1	0	16.90	0.0490	22.68	0.1854
Middle		1	0	17.11	0.0514	22.56	0.1803
Highest		1	0	17.64	0.0581	23.27	0.2123
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.00	0.0501	22.87	0.1936
Middle		1	0	17.15	0.0519	22.65	0.1841
Highest		1	0	17.14	0.0518	22.95	0.1972
Lowest	16QAM	1	0	16.16	0.0413	21.90	0.1549
Middle		1	0	16.25	0.0422	21.88	0.1542
Highest		1	0	16.60	0.0457	22.14	0.1637
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	16.63	0.0460	22.45	0.1758
Middle		1	0	17.14	0.0518	22.67	0.1849
Highest		1	0	17.22	0.0527	22.91	0.1954
Lowest	16QAM	1	0	16.07	0.0405	21.88	0.1542
Middle		1	0	16.72	0.0470	22.06	0.1607
Highest		1	0	17.01	0.0502	22.48	0.1770
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.04	0.0506	22.78	0.1897
Middle		1	0	16.74	0.0472	22.32	0.1706
Highest		1	0	17.44	0.0555	23.04	0.2014
Lowest	16QAM	1	0	16.45	0.0442	21.85	0.1531
Middle		1	0	16.50	0.0447	21.98	0.1578
Highest		1	0	16.95	0.0495	22.63	0.1832
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.23	0.0528	22.96	0.1977
Middle		1	0	17.02	0.0504	22.54	0.1795
Highest		1	0	17.29	0.0536	22.92	0.1959
Lowest	16QAM	1	0	17.01	0.0502	22.42	0.1746
Middle		1	0	16.98	0.0499	22.15	0.1641
Highest		1	0	17.17	0.0521	22.64	0.1837
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.50	0.0562	23.33	0.2153
Middle		1	0	17.63	0.0579	23.26	0.2118
Highest		1	0	18.06	0.0640	23.65	0.2317
Lowest	16QAM	1	0	17.30	0.0537	22.59	0.1816
Middle		1	0	17.27	0.0533	22.59	0.1816
Highest		1	0	17.38	0.0547	22.90	0.1950
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.81	0.0604	23.65	0.2317
Middle		1	0	17.83	0.0607	23.47	0.2223
Highest		1	0	18.10	0.0646	23.65	0.2317
Lowest	16QAM	1	0	17.52	0.0565	22.96	0.1977
Middle		1	0	17.49	0.0561	22.74	0.1879
Highest		1	0	17.69	0.0587	23.26	0.2118
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	17.43	0.0553	23.56	0.2270
Middle		1	0	17.59	0.0574	23.93	0.2472
Highest		1	0	17.42	0.0552	23.84	0.2421
Lowest	16QAM	1	0	15.65	0.0367	21.76	0.1500
Middle		1	0	15.75	0.0376	22.06	0.1607
Highest		1	0	15.61	0.0364	22.01	0.1589
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	17.59	0.0574	23.67	0.2328
Middle		1	0	17.66	0.0583	23.93	0.2472
Highest		1	0	17.58	0.0573	23.83	0.2415
Lowest	16QAM	1	0	15.60	0.0363	21.74	0.1493
Middle		1	0	15.65	0.0367	21.94	0.1563
Highest		1	0	15.72	0.0373	22.09	0.1618
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	17.63	0.0579	23.70	0.2344
Middle		1	0	17.63	0.0579	23.85	0.2427
Highest		1	0	17.66	0.0583	24.07	0.2553
Lowest	16QAM	1	0	15.78	0.0378	21.77	0.1503
Middle		1	0	15.77	0.0378	22.02	0.1592
Highest		1	0	15.82	0.0382	22.22	0.1667
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	17.89	0.0615	23.98	0.2500
Middle		1	0	17.86	0.0611	23.96	0.2489
Highest		1	0	17.80	0.0603	24.19	0.2624
Lowest	16QAM	1	0	16.09	0.0406	22.15	0.1641
Middle		1	0	16.01	0.0399	22.13	0.1633
Highest		1	0	15.96	0.0394	22.35	0.1718
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	18.00	0.0631	24.00	0.2512
Middle		1	0	18.24	0.0667	24.32	0.2704
Highest		1	0	17.93	0.0621	24.41	0.2761
Lowest	16QAM	1	0	16.24	0.0421	22.35	0.1718
Middle		1	0	16.43	0.0440	22.56	0.1803
Highest		1	0	16.21	0.0418	22.69	0.1858
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	18.22	0.0664	24.32	0.2704
Middle		1	0	18.43	0.0697	24.68	0.2938
Highest		1	0	18.22	0.0664	24.62	0.2897
Lowest	16QAM	1	0	16.57	0.0454	22.65	0.1841
Middle		1	0	16.71	0.0469	22.90	0.1950
Highest		1	0	16.53	0.0450	22.82	0.1914
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	13.07	0.0203	19.28	0.0847
Middle		1	0	13.42	0.0220	19.07	0.0807
Highest		1	0	13.91	0.0246	18.87	0.0771
Lowest	16QAM	1	0	10.79	0.0120	17.01	0.0502
Middle		1	0	10.99	0.0126	16.81	0.0480
Highest		1	0	11.58	0.0144	16.68	0.0466
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	12.85	0.0193	19.10	0.0813
Middle		1	0	13.29	0.0213	19.10	0.0813
Highest		1	0	13.80	0.0240	18.99	0.0793
Lowest	16QAM	1	0	10.75	0.0119	17.02	0.0504
Middle		1	0	11.18	0.0131	16.90	0.0490
Highest		1	0	11.70	0.0148	16.77	0.0475
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	12.99	0.0199	19.35	0.0861
Middle		1	0	13.30	0.0214	19.25	0.0841
Highest		1	0	13.24	0.0211	18.89	0.0774
Lowest	16QAM	1	0	10.87	0.0122	17.19	0.0524
Middle		1	0	11.18	0.0131	17.01	0.0502
Highest		1	0	11.26	0.0134	16.64	0.0461
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	13.10	0.0204	19.32	0.0855
Middle		1	0	13.34	0.0216	19.26	0.0843
Highest		1	0	13.45	0.0221	19.00	0.0794
Lowest	16QAM	1	0	10.92	0.0124	17.26	0.0532
Middle		1	0	11.17	0.0131	17.08	0.0511
Highest		1	0	11.29	0.0135	16.74	0.0472
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	20.61	0.1151	25.13	0.3258
Middle		1	0	20.09	0.1021	24.40	0.2754
Highest		1	0	19.91	0.0979	24.16	0.2606
Lowest	16QAM	1	0	18.93	0.0782	23.49	0.2234
Middle		1	0	18.33	0.0681	22.59	0.1816
Highest		1	0	18.04	0.0637	22.35	0.1718
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	20.57	0.1140	25.12	0.3251
Middle		1	0	20.10	0.1023	24.42	0.2767
Highest		1	0	19.99	0.0998	23.97	0.2495
Lowest	16QAM	1	0	18.88	0.0773	23.39	0.2183
Middle		1	0	18.38	0.0689	22.66	0.1845
Highest		1	0	18.19	0.0659	22.39	0.1734
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	20.63	0.1156	25.20	0.3311
Middle		1	0	20.12	0.1028	24.59	0.2877
Highest		1	0	20.27	0.1064	24.34	0.2716
Lowest	16QAM	1	0	19.11	0.0815	23.35	0.2163
Middle		1	0	18.39	0.0690	22.69	0.1858
Highest		1	0	18.31	0.0678	22.57	0.1807
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	20.91	0.1233	25.35	0.3428
Middle		1	0	20.20	0.1047	24.54	0.2844
Highest		1	0	20.12	0.1028	24.31	0.2698
Lowest	16QAM	1	0	19.04	0.0802	23.48	0.2228
Middle		1	0	18.43	0.0697	22.71	0.1866
Highest		1	0	18.19	0.0659	22.45	0.1758
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	8.05	0.0064	18.25	0.0668
Middle		1	0	8.34	0.0068	18.43	0.0697
Highest		1	0	8.60	0.0072	18.60	0.0724
Lowest	16QAM	1	0	5.12	0.0033	15.91	0.0390
Middle		1	0	5.31	0.0034	15.95	0.0394
Highest		1	0	5.71	0.0037	16.34	0.0431
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	8.11	0.0065	18.25	0.0668
Middle		1	0	8.17	0.0066	18.39	0.0690
Highest		1	0	8.57	0.0072	18.66	0.0735
Lowest	16QAM	1	0	5.10	0.0032	15.94	0.0393
Middle		1	0	5.30	0.0034	15.88	0.0387
Highest		1	0	5.71	0.0037	16.28	0.0425
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	7.84	0.0061	18.09	0.0644
Middle		1	0	7.85	0.0061	18.00	0.0631
Highest		1	0	8.43	0.0070	18.54	0.0714
Lowest	16QAM	1	0	5.03	0.0032	15.89	0.0388
Middle		1	0	5.32	0.0034	15.95	0.0394
Highest		1	0	5.67	0.0037	16.32	0.0429
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	7.83	0.0061	18.13	0.0650
Middle		1	0	8.04	0.0064	18.22	0.0664
Highest		1	0	7.86	0.0061	18.02	0.0634
Lowest	16QAM	1	0	5.26	0.0034	16.00	0.0398
Middle		1	0	5.37	0.0034	16.09	0.0406
Highest		1	0	5.48	0.0035	16.21	0.0418
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	7.79	0.0060	18.41	0.0693
Middle		1	0	7.80	0.0060	18.44	0.0698
Highest		1	0	7.78	0.0060	18.30	0.0676
Lowest	16QAM	1	0	5.33	0.0034	16.01	0.0399
Middle		1	0	5.60	0.0036	16.15	0.0412
Highest		1	0	5.39	0.0035	15.98	0.0396
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	7.54	0.0057	18.14	0.0652
Middle		1	0	7.23	0.0053	17.81	0.0604
Highest		1	0	7.35	0.0054	17.94	0.0622
Lowest	16QAM	1	0	5.61	0.0036	16.23	0.0420
Middle		1	0	5.55	0.0036	16.12	0.0409
Highest		1	0	5.60	0.0036	16.16	0.0413
Limit	ERP < 3W			Result		PASS	



<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	-47.45	-13	-34.45	-66.47	-54.02	1.67	8.24	H
	5550	-54.26	-13	-41.26	-78.96	-61.33	2.65	9.72	H
	7403	-52.86	-13	-39.86	-79.14	-62.01	2.46	11.61	H
	3700	-44.54	-13	-31.54	-64.61	-51.11	1.67	8.24	V
	5550	-53.01	-13	-40.01	-78.81	-60.08	2.65	9.72	V
	7403	-50.93	-13	-37.93	-79.26	-60.08	2.46	11.61	V
Middle	3756	-42.97	-13	-29.97	-62.39	-49.59	1.68	8.31	H
	5639	-51.62	-13	-38.62	-76.2	-58.67	2.71	9.76	H
	7515	-39.28	-13	-26.28	-79.23	-48.66	2.42	11.81	H
	3756	-43.39	-13	-30.39	-63.44	-50.01	1.68	8.31	V
	5639	-53.16	-13	-40.16	-79.04	-60.21	2.71	9.76	V
	7515	-50.74	-13	-37.74	-79.41	-60.12	2.42	11.81	V
Highest	3819	-38.38	-13	-25.38	-59.03	-42.91	1.70	8.38	H
	5730	-51.23	-13	-38.23	-76.06	-56.11	2.76	9.79	H
	7641	-51.36	-13	-38.36	-78.75	-58.71	2.38	11.88	H
	3819	-36.96	-13	-23.96	-58.26	-41.49	1.70	8.38	V
	5730	-48.83	-13	-35.83	-74.41	-53.71	2.76	9.79	V
	7641	-49.84	-13	-36.84	-78.96	-57.19	2.38	11.88	V

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	3707	-47.44	-13	-34.44	-66.54	-54.02	1.67	8.25	H
	5562	-54.15	-13	-41.15	-78.9	-61.21	2.66	9.72	H
	7417	-52.63	-13	-39.63	-79.14	-61.81	2.46	11.63	H
	3707	-42.91	-13	-29.91	-63.13	-49.49	1.67	8.25	V
	5562	-52.96	-13	-39.96	-78.57	-60.02	2.66	9.72	V
	7417	-50.86	-13	-37.86	-79.14	-60.04	2.46	11.63	V
Middle	3756	-43.03	-13	-30.03	-62.42	-49.65	1.68	8.31	H
	5639	-51.97	-13	-38.97	-76.7	-59.02	2.71	9.76	H
	7515	-42.33	-13	-29.33	-79.13	-51.71	2.42	11.81	H
	3756	-42.39	-13	-29.39	-62.4	-49.01	1.68	8.31	V
	5639	-53.03	-13	-40.03	-78.84	-60.08	2.71	9.76	V
	7515	-50.43	-13	-37.43	-79.17	-59.81	2.42	11.81	V
Highest	3816	-46.48	-13	-33.48	-67.11	-51.01	1.70	8.38	H
	5724	-55.04	-13	-42.04	-79.81	-59.93	2.75	9.79	H
	7632	-52.37	-13	-39.37	-79.93	-59.71	2.39	11.88	H
	3816	-40.98	-13	-27.98	-62.31	-45.51	1.70	8.38	V
	5724	-53.49	-13	-40.49	-79.18	-58.38	2.75	9.79	V
	7632	-50.77	-13	-37.77	-79.98	-58.11	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	-43.94	-13	-30.94	-63.17	-50.51	1.67	8.24	H
	5548	-53.26	-13	-40.26	-77.91	-60.33	2.65	9.72	H
	7403	-52.56	-13	-39.56	-79.01	-61.71	2.46	11.61	H
	3700	-44.24	-13	-31.24	-64.26	-50.81	1.67	8.24	V
	5548	-52.95	-13	-39.95	-78.84	-60.02	2.65	9.72	V
	7403	-51.04	-13	-38.04	-79.3	-60.19	2.46	11.61	V
Middle	3756	-42.77	-13	-29.77	-62.17	-49.39	1.68	8.31	H
	5634	-51.97	-13	-38.97	-76.48	-59.02	2.70	9.75	H
	7515	-52.01	-13	-39.01	-79.1	-61.39	2.42	11.81	H
	3756	-41.97	-13	-28.97	-62.18	-48.59	1.68	8.31	V
	5634	-52.97	-13	-39.97	-78.74	-60.02	2.70	9.75	V
	7515	-50.53	-13	-37.53	-79.26	-59.91	2.42	11.81	V
Highest	3812	-42.29	-13	-29.29	-63.06	-46.81	1.70	8.37	H
	5716	-53.89	-13	-40.89	-78.62	-58.78	2.75	9.79	H
	7627	-50.94	-13	-37.94	-78.41	-58.28	2.39	11.88	H
	3812	-36.36	-13	-23.36	-57.48	-40.88	1.70	8.37	V
	5716	-48.19	-13	-35.19	-73.93	-53.08	2.75	9.79	V
	7627	-50.05	-13	-37.05	-79.2	-57.39	2.39	11.88	V

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	-47.54	-13	-34.54	-66.13	-54.11	1.67	8.24	H
	5548	-54.78	-13	-41.78	-78.72	-61.85	2.65	9.72	H
	7403	-53.31	-13	-40.31	-79.09	-62.46	2.46	11.61	H
	3700	-43.69	-13	-30.69	-63.49	-50.26	1.67	8.24	V
	5548	-53.76	-13	-40.76	-78.8	-60.83	2.65	9.72	V
	7403	-51.62	-13	-38.62	-79.14	-60.77	2.46	11.61	V
Middle	3749	-45.81	-13	-32.81	-64.92	-52.43	1.68	8.30	H
	5625	-54.79	-13	-41.79	-78.67	-61.84	2.70	9.75	H
	7501	-52.94	-13	-39.94	-79.3	-62.31	2.43	11.80	H
	3749	-42.99	-13	-29.99	-62.97	-49.61	1.68	8.30	V
	5625	-53.71	-13	-40.71	-78.59	-60.76	2.70	9.75	V
	7501	-51.12	-13	-38.12	-79.19	-60.49	2.43	11.80	V
Highest	3798	-39.83	-13	-26.83	-60.21	-44.34	1.70	8.36	H
	5702	-51.00	-13	-38.00	-75.53	-55.89	2.74	9.78	H
	7599	-52.45	-13	-39.45	-79.39	-59.76	2.40	11.86	H
	3798	-40.73	-13	-27.73	-61.53	-45.24	1.70	8.36	V
	5702	-52.80	-13	-39.80	-78.53	-57.69	2.74	9.78	V
	7599	-50.63	-13	-37.63	-79.33	-57.94	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	-43.84	-13	-30.84	-63.01	-50.41	1.67	8.24	H
	5555	-53.74	-13	-40.74	-78.49	-60.81	2.66	9.72	H
	7403	-52.87	-13	-39.87	-79.17	-62.02	2.46	11.61	H
	3700	-40.82	-13	-27.82	-61	-47.39	1.67	8.24	V
	5555	-50.62	-13	-37.62	-76.33	-57.69	2.66	9.72	V
	7403	-50.66	-13	-37.66	-78.83	-59.81	2.46	11.61	V
Middle	3760	-50.56	-13	-37.56	-69.97	-57.19	1.69	8.31	H
	5616	-54.86	-13	-41.86	-79.55	-61.91	2.69	9.75	H
	7488	-53.47	-13	-40.47	-80.25	-62.81	2.43	11.78	H
	3760	-43.55	-13	-30.55	-63.84	-50.18	1.69	8.31	V
	5616	-53.87	-13	-40.87	-79.51	-60.92	2.69	9.75	V
	7488	-51.74	-13	-38.74	-80.19	-61.08	2.43	11.78	V
Highest	3791	-43.01	-13	-30.01	-63.39	-47.51	1.70	8.35	H
	5688	-53.89	-13	-40.89	-78.67	-58.78	2.73	9.78	H
	7578	-51.82	-13	-38.82	-79.25	-59.11	2.40	11.85	H
	3791	-36.61	-13	-23.61	-57.23	-41.11	1.70	8.35	V
	5688	-50.13	-13	-37.13	-75.93	-55.02	2.73	9.78	V
	7578	-50.37	-13	-37.37	-79.36	-57.66	2.40	11.85	V

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	-45.94	-13	-32.94	-65.09	-52.51	1.67	8.24	H
	5548	-40.94	-13	-27.94	-78.67	-48.01	2.65	9.72	H
	7403	-52.33	-13	-39.33	-78.92	-61.48	2.46	11.61	H
	3700	-38.98	-13	-25.98	-59.07	-45.55	1.67	8.24	V
	5548	-52.52	-13	-39.52	-78.34	-59.59	2.65	9.72	V
	7403	-50.87	-13	-37.87	-79.07	-60.02	2.46	11.61	V
Middle	3742	-45.21	-13	-32.21	-64.51	-51.82	1.68	8.29	H
	5613	-53.96	-13	-40.96	-78.51	-61.02	2.69	9.75	H
	7487	-52.47	-13	-39.47	-79.1	-61.81	2.43	11.77	H
	3742	-41.57	-13	-28.57	-61.84	-48.18	1.68	8.29	V
	5613	-52.73	-13	-39.73	-78.46	-59.79	2.69	9.75	V
	7487	-50.74	-13	-37.74	-79.23	-60.08	2.43	11.77	V
Highest	3784	-43.52	-13	-30.52	-63.76	-48.02	1.69	8.34	H
	5674	-51.52	-13	-38.52	-76.37	-56.41	2.73	9.77	H
	7568	-51.83	-13	-38.83	-79.14	-59.11	2.41	11.84	H
	3784	-36.94	-13	-23.94	-57.82	-41.44	1.69	8.34	V
	5674	-48.19	-13	-35.19	-74.05	-53.08	2.73	9.77	V
	7568	-50.21	-13	-37.21	-79.29	-57.49	2.41	11.84	V

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



LTE Band 25 / 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	-49.03	-13	-36.03	-68.47	-55.6	1.67	8.24	H
	5550	-53.43	-13	-40.43	-78.78	-60.5	2.65	9.72	H
	7400	-52.56	-13	-39.56	-78.84	-61.7	2.46	11.60	H
	3700	-46.13	-13	-33.13	-66.36	-52.7	1.67	8.24	V
	5550	-52.93	-13	-39.93	-78.76	-60	2.65	9.72	V
	7400	-50.96	-13	-37.96	-79.08	-60.1	2.46	11.60	V
Middle	3756	-46.38	-13	-33.38	-65.98	-53	1.68	8.31	H
	5639	-54.35	-13	-41.35	-78.74	-61.4	2.71	9.76	H
	7520	-52.51	-13	-39.51	-79.23	-61.9	2.42	11.81	H
	3756	-46.68	-13	-33.68	-67.09	-53.3	1.68	8.31	V
	5639	-53.05	-13	-40.05	-78.84	-60.1	2.71	9.76	V
	7520	-50.81	-13	-37.81	-79.07	-60.2	2.42	11.81	V
Highest	3826	-40.52	-13	-27.52	-61.48	-47.2	1.71	8.39	H
	5741	-53.47	-13	-40.47	-78.09	-60.5	2.76	9.80	H
	7654	-50.99	-13	-37.99	-78.79	-60.5	2.38	11.89	H
	3827	-37.81	-13	-24.81	-58.99	-44.5	1.71	8.39	V
	5741	-51.27	-13	-38.27	-76.99	-58.3	2.76	9.80	V
	7654	-49.29	-13	-36.29	-78.88	-58.8	2.38	11.89	V

LTE Band 25 / 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	-48.53	-13	-35.53	-67.78	-55.1	1.67	8.24	H
	5550	-53.73	-13	-40.73	-78.4	-60.8	2.65	9.72	H
	7400	-52.46	-13	-39.46	-79.19	-61.6	2.46	11.60	H
	3700	-48.83	-13	-35.83	-69.19	-55.4	1.67	8.24	V
	5550	-53.03	-13	-40.03	-78.72	-60.1	2.65	9.72	V
	7400	-50.56	-13	-37.56	-78.69	-59.7	2.46	11.60	V
Middle	3756	-49.78	-13	-36.78	-69.36	-56.4	1.68	8.31	H
	5636	-53.65	-13	-40.65	-78.81	-60.7	2.70	9.75	H
	7514	-52.32	-13	-39.32	-79.12	-61.7	2.42	11.81	H
	3756	-47.48	-13	-34.48	-67.98	-54.1	1.68	8.31	V
	5636	-52.55	-13	-39.55	-78.61	-59.6	2.70	9.75	V
	7514	-50.22	-13	-37.22	-78.74	-59.6	2.42	11.81	V
Highest	3824	-42.42	-13	-29.42	-63.2	-49.1	1.71	8.39	H
	5736	-53.87	-13	-40.87	-78.84	-60.9	2.76	9.79	H
	7648	-50.99	-13	-37.99	-78.84	-60.5	2.38	11.89	H
	3826	-41.42	-13	-28.42	-62.93	-48.1	1.71	8.39	V
	5736	-52.57	-13	-39.57	-78.15	-59.6	2.76	9.79	V
	7648	-49.49	-13	-36.49	-78.8	-59	2.38	11.89	V

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



LTE Band 25 / 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	-47.83	-13	-34.83	-67.09	-54.4	1.67	8.24	H
	5550	-53.73	-13	-40.73	-78.67	-60.8	2.65	9.72	H
	7400	-52.36	-13	-39.36	-79.21	-61.5	2.46	11.60	H
	3700	-46.23	-13	-33.23	-66.59	-52.8	1.67	8.24	V
	5550	-52.53	-13	-39.53	-78.85	-59.6	2.65	9.72	V
	7400	-50.66	-13	-37.66	-78.95	-59.8	2.46	11.60	V
Middle	3755	-46.28	-13	-33.28	-65.84	-52.9	1.68	8.31	H
	5633	-53.75	-13	-40.75	-78.74	-60.8	2.70	9.75	H
	7510	-52.12	-13	-39.12	-79.2	-61.5	2.43	11.81	H
	3756	-45.28	-13	-32.28	-65.53	-51.9	1.68	8.31	V
	5633	-53.15	-13	-40.15	-78.65	-60.2	2.70	9.75	V
	7510	-50.62	-13	-37.62	-79.26	-60	2.43	11.81	V
Highest	3819	-44.42	-13	-31.42	-65.04	-51.1	1.70	8.38	H
	5730	-53.87	-13	-40.87	-78.68	-60.9	2.76	9.79	H
	7640	-50.90	-13	-37.90	-78.57	-60.4	2.38	11.88	H
	3819	-42.12	-13	-29.12	-63.43	-48.8	1.70	8.38	V
	5730	-53.07	-13	-40.07	-78.77	-60.1	2.76	9.79	V
	7640	-50.20	-13	-37.20	-78.98	-59.7	2.38	11.88	V

LTE Band 25 / 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	-44.23	-13	-31.23	-63.62	-50.8	1.67	8.24	H
	5550	-54.03	-13	-41.03	-78.95	-61.1	2.65	9.72	H
	7400	-52.66	-13	-39.66	-79.17	-61.8	2.46	11.60	H
	3700	-46.03	-13	-33.03	-66.9	-52.6	1.67	8.24	V
	5550	-53.03	-13	-40.03	-78.99	-60.1	2.65	9.72	V
	7400	-50.96	-13	-37.96	-79.21	-60.1	2.46	11.60	V
Middle	3749	-45.18	-13	-32.18	-64.66	-51.8	1.68	8.30	H
	5625	-53.75	-13	-40.75	-78.61	-60.8	2.70	9.75	H
	7500	-52.13	-13	-39.13	-79.1	-61.5	2.43	11.80	H
	3749	-42.88	-13	-29.88	-63.12	-49.5	1.68	8.30	V
	5625	-53.05	-13	-40.05	-78.74	-60.1	2.70	9.75	V
	7500	-50.83	-13	-37.83	-79.33	-60.2	2.43	11.80	V
Highest	3812	-46.13	-13	-33.13	-67.08	-52.8	1.70	8.37	H
	5715	-53.76	-13	-40.76	-78.68	-60.8	2.75	9.79	H
	7620	-51.32	-13	-38.32	-79.39	-60.8	2.39	11.87	H
	3812	-42.53	-13	-29.53	-63.66	-49.2	1.70	8.37	V
	5715	-52.66	-13	-39.66	-78.61	-59.7	2.75	9.79	V
	7620	-49.72	-13	-36.72	-79.23	-59.2	2.39	11.87	V

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



LTE Band 25 / 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	-43.23	-13	-30.23	-62.6	-49.8	1.67	8.24	H
	5550	-53.73	-13	-40.73	-78.7	-60.8	2.65	9.72	H
	7400	-52.36	-13	-39.36	-78.91	-61.5	2.46	11.60	H
	3700	-42.53	-13	-29.53	-62.68	-49.1	1.67	8.24	V
	5550	-53.03	-13	-40.03	-78.91	-60.1	2.65	9.72	V
	7400	-51.06	-13	-38.06	-79.28	-60.2	2.46	11.60	V
Middle	3749	-41.58	-13	-28.58	-60.93	-48.2	1.68	8.30	H
	5618	-53.45	-13	-40.45	-78.57	-60.5	2.69	9.75	H
	7490	-52.35	-13	-39.35	-79.11	-61.7	2.43	11.78	H
	3749	-43.48	-13	-30.48	-64.01	-50.1	1.68	8.30	V
	5618	-52.55	-13	-39.55	-78.45	-59.6	2.69	9.75	V
	7490	-50.25	-13	-37.25	-79.11	-59.6	2.43	11.78	V
Highest	3798	-38.64	-13	-25.64	-59.64	-45.3	1.70	8.36	H
	5700	-52.36	-13	-39.36	-77.28	-59.4	2.74	9.78	H
	7600	-51.64	-13	-38.64	-79.29	-61.1	2.40	11.86	H
	3798	-38.44	-13	-25.44	-59.84	-45.1	1.70	8.36	V
	5700	-51.36	-13	-38.36	-77.49	-58.4	2.74	9.78	V
	7600	-49.94	-13	-36.94	-79.38	-59.4	2.40	11.86	V

LTE Band 25 / 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	-44.23	-13	-31.23	-63.58	-50.8	1.67	8.24	H
	5550	-53.73	-13	-40.73	-78.72	-60.8	2.65	9.72	H
	7400	-52.36	-13	-39.36	-78.93	-61.5	2.46	11.60	H
	3700	-43.73	-13	-30.73	-63.82	-50.3	1.67	8.24	V
	5550	-52.93	-13	-39.93	-78.92	-60	2.65	9.72	V
	7400	-50.96	-13	-37.96	-79.15	-60.1	2.46	11.60	V
Middle	3742	-45.19	-13	-32.19	-64.93	-51.8	1.68	8.29	H
	5610	-53.44	-13	-40.44	-78.58	-60.5	2.69	9.74	H
	7480	-52.58	-13	-39.58	-79.33	-61.9	2.44	11.76	H
	3742	-42.29	-13	-29.29	-62.52	-48.9	1.68	8.29	V
	5610	-53.04	-13	-40.04	-78.65	-60.1	2.69	9.74	V
	7480	-50.78	-13	-37.78	-79.41	-60.1	2.44	11.76	V
Highest	3791	-40.15	-13	-27.15	-60.71	-46.8	1.70	8.35	H
	5685	-53.46	-13	-40.46	-78.35	-60.5	2.73	9.77	H
	7580	-51.86	-13	-38.86	-79.47	-61.3	2.40	11.85	H
	3791	-39.25	-13	-26.25	-60.28	-45.9	1.70	8.35	V
	5688	-49.76	-13	-36.76	-76.07	-56.8	2.73	9.78	V
	7580	-50.16	-13	-37.16	-79.43	-59.6	2.40	11.85	V

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



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	-55.82	-13	-42.82	-72.86	-61.89	1.58	7.65	H
	5128	-55.64	-13	-42.64	-78.51	-62.93	2.41	9.70	H
	6843	-52.81	-13	-39.81	-78.74	-60.78	2.64	10.61	H
	3420	-50.59	-13	-37.59	-68.73	-56.66	1.58	7.65	V
	5128	-55.10	-13	-42.10	-78.02	-62.39	2.41	9.70	V
	6843	-51.24	-13	-38.24	-78.44	-59.21	2.64	10.61	V
Middle	3462	-52.11	-13	-39.11	-69.14	-58.35	1.59	7.83	H
	5198	-55.71	-13	-42.71	-78.54	-62.96	2.45	9.70	H
	6927	-53.04	-13	-40.04	-78.56	-61.14	2.61	10.71	H
	3462	-51.04	-13	-38.04	69.39	-57.28	1.59	7.83	V
	5198	-54.50	-13	-41.50	-78.43	-61.75	2.45	9.70	V
	6927	-52.16	-13	-39.16	-78.81	-60.26	2.61	10.71	V
Highest	3504	-49.13	-13	-36.13	-66.35	-55.53	1.61	8.00	H
	5261	-54.61	-13	-41.61	-78.19	-61.82	2.49	9.70	H
	7018	-52.94	-13	-39.94	-78.68	-61.19	2.58	10.84	H
	3504	-50.02	-13	-37.02	-68.58	-56.42	1.61	8.00	V
	5261	-54.06	-13	-41.06	-78.52	-61.27	2.49	9.70	V
	7018	-51.89	-13	-38.89	-78.69	-60.14	2.58	10.84	V

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	-56.09	-13	-43.09	-72.93	-62.16	1.58	7.65	H
	5128	-55.19	-13	-42.19	-78.06	-62.48	2.41	9.70	H
	6843	-52.65	-13	-39.65	-78.65	-60.62	2.64	10.61	H
	3420	-51.69	-13	-38.69	-70.11	-57.76	1.58	7.65	V
	5128	-53.54	-13	-40.54	-77.46	-60.83	2.41	9.70	V
	6843	-51.58	-13	-38.58	-78.64	-59.55	2.64	10.61	V
Middle	3462	-54.01	-13	-41.01	-71.56	-60.25	1.59	7.83	H
	5191	-55.54	-13	-42.54	-78.37	-62.79	2.45	9.70	H
	6927	-53.28	-13	-40.28	-78.8	-61.38	2.61	10.71	H
	3462	-50.35	-13	-37.35	-68.7	-56.59	1.59	7.83	V
	5191	-53.76	-13	-40.76	-77.68	-61.01	2.45	9.70	V
	6927	-52.01	-13	-39.01	-78.66	-60.11	2.61	10.71	V
Highest	3504	-52.88	-13	-39.88	-70.1	-59.28	1.61	8.00	H
	5254	-54.97	-13	-41.97	-78.46	-62.19	2.48	9.70	H
	7011	-52.89	-13	-39.89	-78.58	-61.13	2.59	10.82	H
	3504	-47.32	-13	-34.32	-65.88	-53.72	1.61	8.00	V
	5254	-53.56	-13	-40.56	-78.03	-60.78	2.48	9.70	V
	7011	-51.94	-13	-38.94	-78.67	-60.18	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	-50.47	-13	-37.47	-67.31	-56.54	1.58	7.65	H
	5130	-50.09	-13	-37.09	-72.96	-57.38	2.41	9.70	H
	6840	-52.89	-13	-39.89	-78.7	-60.86	2.64	10.61	H
	3420	-42.27	-13	-29.27	-60.41	-48.34	1.58	7.65	V
	5128	-48.16	-13	-35.16	-72.03	-55.45	2.41	9.70	V
	6843	-51.66	-13	-38.66	-78.65	-59.63	2.64	10.61	V
Middle	3462	-53.36	-13	-40.36	-70.15	-59.6	1.59	7.83	H
	5190	-54.25	-13	-41.25	-77.08	-61.5	2.45	9.70	H
	6918	-53.14	-13	-40.14	-78.64	-61.22	2.62	10.70	H
	3462	-41.50	-13	-28.50	-59.85	-47.74	1.59	7.83	V
	5191	-49.99	-13	-36.99	-74.09	-57.24	2.45	9.70	V
	6920	-52.17	-13	-39.17	-78.82	-60.26	2.62	10.70	V
Highest	3498	-46.12	-13	-33.12	-63.33	-52.51	1.60	7.99	H
	5256	-55.07	-13	-42.07	-78.66	-62.29	2.48	9.70	H
	7002	-52.42	-13	-39.42	-78.08	-60.63	2.59	10.80	H
	3497	-47.78	-13	-34.78	-66.32	-54.16	1.60	7.99	V
	5254	-54.05	-13	-41.05	-78.52	-61.27	2.48	9.70	V
	7004	-51.36	-13	-38.36	-78.07	-59.58	2.59	10.81	V

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	-51.03	-13	-38.03	-68.98	-57.1	1.58	7.65	H
	5128	-51.11	-13	-38.11	-74.92	-58.4	2.41	9.70	H
	6843	-52.03	-13	-39.03	-78.28	-60	2.64	10.61	H
	3420	-45.43	-13	-32.43	-64.85	-51.5	1.58	7.65	V
	5128	-49.51	-13	-36.51	-74.25	-56.8	2.41	9.70	V
	6840	-50.93	-13	-37.93	-78.48	-58.9	2.64	10.61	V
Middle	3455	-50.39	-13	-37.39	-67.89	-56.6	1.59	7.80	H
	5184	-51.54	-13	-38.54	-74.98	-58.8	2.44	9.70	H
	6913	-52.32	-13	-39.32	-78.84	-60.4	2.62	10.70	H
	3455	-45.79	-13	-32.79	-64.79	-52	1.59	7.80	V
	5184	-50.94	-13	-37.94	-75.55	-58.2	2.44	9.70	V
	6913	-51.32	-13	-38.32	-78.68	-59.4	2.62	10.70	V
Highest	3490	-49.55	-13	-36.55	-67.09	-55.9	1.60	7.96	H
	5233	-53.57	-13	-40.57	-77.42	-60.8	2.47	9.70	H
	6983	-51.92	-13	-38.92	-78.28	-60.1	2.60	10.78	H
	3490	-43.95	-13	-30.95	-63.35	-50.3	1.60	7.96	V
	5233	-52.77	-13	-39.77	-77.32	-60	2.47	9.70	V
	6983	-51.32	-13	-38.32	-78.26	-59.5	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	-50.23	-13	-37.23	-67.81	-56.3	1.58	7.65	H
	5135	-51.81	-13	-38.81	-75.19	-59.1	2.41	9.70	H
	6840	-52.13	-13	-39.13	-78.39	-60.1	2.64	10.61	H
	3420	-42.53	-13	-29.53	-61.26	-48.6	1.58	7.65	V
	5135	-47.01	-13	-34.01	-71.6	-54.3	2.41	9.70	V
	6840	-50.93	-13	-37.93	-78.6	-58.9	2.64	10.61	V
Middle	3448	-49.92	-13	-36.92	-67.72	-56.1	1.59	7.77	H
	5177	-52.84	-13	-39.84	-76.12	-60.1	2.44	9.70	H
	6900	-52.64	-13	-39.64	-78.82	-60.7	2.62	10.68	H
	3448	-46.02	-13	-33.02	-65.23	-52.2	1.59	7.77	V
	5177	-51.44	-13	-38.44	-76.02	-58.7	2.44	9.70	V
	6900	-51.54	-13	-38.54	-78.89	-59.6	2.62	10.68	V
Highest	3483	-44.47	-13	-31.47	-62.2	-50.8	1.60	7.93	H
	5219	-52.46	-13	-39.46	-75.74	-59.7	2.46	9.70	H
	6960	-52.35	-13	-39.35	-78.58	-60.5	2.60	10.75	H
	3483	-39.27	-13	-26.27	-58.57	-45.6	1.60	7.93	V
	5219	-48.66	-13	-35.66	-73.2	-55.9	2.46	9.70	V
	6960	-51.05	-13	-38.05	-78.61	-59.2	2.60	10.75	V

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	-46.18	-13	-33.18	-63.83	-52.25	1.58	7.65	H
	5135	-47.41	-13	-34.41	-70.99	-54.7	2.41	9.70	H
	6840	-52.43	-13	-39.43	-78.68	-60.4	2.64	10.61	H
	3420	-57.53	-13	-44.53	-77.24	-63.6	1.58	7.65	V
	5135	-54.01	-13	-41.01	-78.62	-61.3	2.41	9.70	V
	6840	-50.93	-13	-37.93	-78.49	-58.9	2.64	10.61	V
Middle	3448	-42.62	-13	-29.62	-60.34	-48.8	1.59	7.77	H
	5170	-47.23	-13	-34.23	-71.17	-54.5	2.43	9.70	H
	6890	-52.36	-13	-39.36	-78.45	-60.4	2.63	10.67	H
	3448	-40.42	-13	-27.42	-59.52	-46.6	1.59	7.77	V
	5170	-47.43	-13	-34.43	-72.17	-54.7	2.43	9.70	V
	6890	-50.76	-13	-37.76	-78.21	-58.8	2.63	10.67	V
Highest	3469	-50.93	-13	-37.93	-68.76	-57.2	1.59	7.86	H
	5205	-53.56	-13	-40.56	-77.27	-60.8	2.46	9.70	H
	6940	-52.48	-13	-39.48	-78.73	-60.6	2.61	10.73	H
	3469	-45.53	-13	-32.53	-64.39	-51.8	1.59	7.86	V
	5205	-52.66	-13	-39.66	-76.9	-59.9	2.46	9.70	V
	6940	-51.68	-13	-38.68	-78.72	-59.8	2.61	10.73	V

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



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	-65.24	-13	-52.24	-76.39	-67	0.98	4.89	H
	2474	-60.81	-13	-47.81	-77.26	-62.7	1.28	5.32	H
	3299	-60.69	-13	-47.69	-78.27	-64.11	1.54	7.12	H
	1648	-64.47	-13	-51.47	-76.39	-66.23	0.98	4.89	V
	2474	-59.53	-13	-46.53	-77.42	-61.42	1.28	5.32	V
	3299	-59.08	-13	-46.08	-78.21	-62.5	1.54	7.12	V
Middle	1672	-65.25	-13	-52.25	-76.59	-66.93	0.99	4.82	H
	2509	-60.54	-13	-47.54	-77.26	-62.5	1.29	5.41	H
	3346	-60.55	-13	-47.55	-78.24	-64.17	1.56	7.32	H
	1672	-64.55	-13	-51.55	-76.61	-66.23	0.99	4.82	V
	2509	-59.29	-13	-46.29	-77.4	-61.25	1.29	5.41	V
	3346	-59.21	-13	-46.21	-78.33	-62.83	1.56	7.32	V
Highest	1696	-65.02	-13	-52.02	-76.87	-66.62	1.00	4.75	H
	2545	-60.78	-13	-47.78	-77.54	-62.76	1.30	5.44	H
	3394	-60.60	-13	-47.60	-78.35	-64.41	1.57	7.53	H
	1696	-64.42	-13	-51.42	-76.94	-66.02	1.00	4.75	V
	2545	-59.02	-13	-46.02	-77.33	-61	1.30	5.44	V
	3394	-59.34	-13	-46.34	-78.4	-63.15	1.57	7.53	V

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	-64.69	-13	-51.69	-75.87	-66.45	0.98	4.89	H
	2473	-55.11	-13	-42.11	-71.55	-57	1.28	5.32	H
	3298	-60.71	-13	-47.71	-78.28	-64.13	1.54	7.11	H
	1648	-62.75	-13	-49.75	-74.67	-64.51	0.98	4.89	V
	2473	-55.41	-13	-42.41	-73.29	-57.3	1.28	5.32	V
	3298	-59.13	-13	-46.13	-78.27	-62.55	1.54	7.11	V
Middle	1669	-65.03	-13	-52.03	-76.4	-66.72	0.99	4.83	H
	2506	-60.25	-13	-47.25	-76.96	-62.21	1.29	5.40	H
	3340	-60.66	-13	-47.66	-78.28	-64.25	1.55	7.30	H
	1669	-64.06	-13	-51.06	-76.12	-65.75	0.99	4.83	V
	2506	-59.11	-13	-46.11	-77.22	-61.07	1.29	5.40	V
	3340	-59.21	-13	-46.21	-78.33	-62.8	1.55	7.30	V
Highest	1693	-63.91	-13	-50.91	-75.72	-65.52	1.00	4.76	H
	2539	-52.73	-13	-39.73	-69.48	-54.71	1.30	5.43	H
	3385	-60.72	-13	-47.72	-78.46	-64.5	1.57	7.49	H
	1693	-63.09	-13	-50.09	-75.62	-64.7	1.00	4.76	V
	2539	-53.59	-13	-40.59	-71.9	-55.57	1.30	5.43	V
	3385	-59.38	-13	-46.38	-78.43	-63.16	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	-64.93	-13	-51.93	-76.14	-66.69	0.98	4.89	H
	2473	-60.76	-13	-47.76	-77.24	-62.65	1.28	5.32	H
	3298	-60.68	-13	-47.68	-78.25	-64.1	1.54	7.11	H
	1648	-61.44	-13	-48.44	-73.36	-63.2	0.98	4.89	V
	2473	-54.01	-13	-41.01	-71.89	-55.9	1.28	5.32	V
	3298	-59.03	-13	-46.03	-78.18	-62.45	1.54	7.11	V
Middle	1669	-63.31	-13	-50.31	-74.61	-65	0.99	4.83	H
	2503	-47.52	-13	-34.52	-64.25	-49.48	1.29	5.40	H
	3337	-60.53	-13	-47.53	-78.16	-64.11	1.55	7.28	H
	1669	-63.93	-13	-50.93	-76	-65.62	0.99	4.83	V
	2503	-47.84	-13	-34.84	-65.94	-49.8	1.29	5.40	V
	3337	-59.10	-13	-46.10	-78.21	-62.68	1.55	7.28	V
Highest	1687	-64.62	-13	-51.62	-76.1	-66.25	1.00	4.78	H
	2533	-60.62	-13	-47.62	-77.34	-62.6	1.30	5.43	H
	3376	-60.55	-13	-47.55	-78.29	-64.29	1.57	7.45	H
	1687	-63.84	-13	-50.84	-76.01	-65.47	1.00	4.78	V
	2533	-56.72	-13	-43.72	-74.91	-58.7	1.30	5.43	V
	3376	-59.38	-13	-46.38	-78.47	-63.12	1.57	7.45	V

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	-63.24	-13	-50.24	-74.41	-65	0.98	4.89	H
	2473	-53.71	-13	-40.71	-70.15	-55.6	1.28	5.32	H
	3295	-60.74	-13	-47.74	-78.34	-64.15	1.54	7.10	H
	1648	-62.18	-13	-49.18	-74.11	-63.94	0.98	4.89	V
	2473	-54.73	-13	-41.73	-72.61	-56.62	1.28	5.32	V
	3295	-59.24	-13	-46.24	-78.37	-62.65	1.54	7.10	V
Middle	1663	-59.93	-13	-46.93	-71.27	-61.64	0.98	4.84	H
	2497	-49.75	-13	-36.75	-66.44	-51.7	1.29	5.39	H
	3328	-60.52	-13	-47.52	-78.15	-64.06	1.55	7.24	H
	1663	-63.04	-13	-50.04	-75.14	-64.75	0.98	4.84	V
	2497	-54.86	-13	-41.86	-72.86	-56.81	1.29	5.39	V
	3328	-59.19	-13	-46.19	-78.31	-62.73	1.55	7.24	V
Highest	1678	-63.42	-13	-50.42	-74.9	-65.08	0.99	4.80	H
	2518	-56.45	-13	-43.45	-73.18	-58.42	1.30	5.41	H
	3355	-60.75	-13	-47.75	-78.4	-64.4	1.56	7.36	H
	1678	-62.91	-13	-49.91	-75.09	-64.57	0.99	4.80	V
	2518	-54.93	-13	-41.93	-73.02	-56.9	1.30	5.41	V
	3355	-59.16	-13	-46.16	-78.29	-62.81	1.56	7.36	V

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



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	-37.24	-25	-12.24	-60.82	-44.6	2.34	9.70	H
	7508	-50.22	-25	-25.22	-77.12	-59.6	2.43	11.80	H
	10010	-51.39	-25	-26.39	-79.35	-60.9	2.70	12.20	H
	5004	-37.44	-25	-12.44	-61.99	-44.8	2.34	9.70	V
	7508	-48.22	-25	-23.22	-76.77	-57.6	2.43	11.80	V
	10010	-48.99	-25	-23.99	-79.37	-58.5	2.70	12.20	V
Middle	5064	-37.07	-25	-12.07	-60.6	-44.4	2.37	9.70	H
	7605	-49.83	-25	-24.83	-77.37	-59.3	2.40	11.86	H
	10140	-51.34	-25	-26.34	-79.94	-60.9	2.70	12.26	H
	5064	-35.47	-25	-10.47	-60.34	-42.8	2.37	9.70	V
	7608	-45.33	-25	-20.33	-74.81	-54.8	2.39	11.86	V
	10140	-48.24	-25	-23.24	-79.36	-57.8	2.70	12.26	V
Highest	5136	-39.52	-25	-14.52	-62.91	-46.8	2.42	9.70	H
	7704	-48.74	-25	-23.74	-76.09	-58.3	2.36	11.92	H
	10274	-50.48	-25	-25.48	-79.25	-60.1	2.69	12.31	H
	5136	-37.52	-25	-12.52	-62.16	-44.8	2.42	9.70	V
	7704	-44.84	-25	-19.84	-73.65	-54.4	2.36	11.92	V
	10274	-47.78	-25	-22.78	-79.31	-57.4	2.69	12.31	V

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	-41.14	-25	-16.14	-64.91	-48.5	2.34	9.70	H
	7512	-51.02	-25	-26.02	-77.82	-60.4	2.43	11.81	H
	10020	-51.29	-25	-26.29	-79.12	-60.8	2.70	12.21	H
	5004	-39.24	-25	-14.24	-63.57	-46.6	2.34	9.70	V
	7512	-47.72	-25	-22.72	-76.44	-57.1	2.43	11.81	V
	10020	-48.79	-25	-23.79	-79.53	-58.3	2.70	12.21	V
Middle	5064	-39.96	-25	-14.96	-63.46	-47.29	2.37	9.70	H
	7608	-51.34	-25	-26.34	-78.72	-60.81	2.39	11.86	H
	10128	-51.25	-25	-26.25	-78.53	-60.81	2.70	12.25	H
	5064	-38.69	-25	-13.69	-63.11	-46.02	2.37	9.70	V
	7608	-46.55	-25	-21.55	-75.8	-56.02	2.39	11.86	V
	10128	-48.44	-25	-23.44	-79.68	-58	2.70	12.25	V
Highest	5124	-38.51	-25	-13.51	-61.97	-45.8	2.41	9.70	H
	7695	-50.55	-25	-25.55	-77.66	-60.1	2.37	11.92	H
	10260	-50.89	-25	-25.89	-79.19	-60.5	2.69	12.30	H
	5124	-36.11	-25	-11.11	-60.66	-43.4	2.41	9.70	V
	7692	-44.25	-25	-19.25	-73.64	-53.8	2.37	11.92	V
	10260	-47.79	-25	-22.79	-79.22	-57.4	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	5016	-38.85	-25	-13.85	-62.24	-46.2	2.35	9.70	H
	7522	-50.21	-25	-25.21	-77.28	-59.6	2.42	11.81	H
	10030	-51.28	-25	-26.28	-79.18	-60.8	2.70	12.21	H
	5016	-36.45	-25	-11.45	-61.33	-43.8	2.35	9.70	V
	7524	-45.41	-25	-20.41	-74.37	-54.8	2.42	11.81	V
	10030	-48.58	-25	-23.58	-79.09	-58.1	2.70	12.21	V
Middle	5064	-40.17	-25	-15.17	-63.71	-47.5	2.37	9.70	H
	7608	-49.33	-25	-24.33	-76.92	-58.8	2.39	11.86	H
	10140	-51.34	-25	-26.34	-79.98	-60.9	2.70	12.26	H
	5064	-34.47	-25	-9.47	-59.13	-41.8	2.37	9.70	V
	7608	-45.23	-25	-20.23	-74.56	-54.7	2.39	11.86	V
	10140	-48.64	-25	-23.64	-79.58	-58.2	2.70	12.26	V
Highest	5124	-36.41	-25	-11.41	-60.12	-43.7	2.41	9.70	H
	7688	-49.56	-25	-24.56	-76.99	-59.1	2.37	11.91	H
	10250	-50.49	-25	-25.49	-79.37	-60.1	2.69	12.30	H
	5124	-33.11	-25	-8.11	-57.72	-40.4	2.41	9.70	V
	7692	-42.25	-25	-17.25	-71.38	-51.8	2.37	11.92	V
	10250	-47.79	-25	-22.79	-79.02	-57.4	2.69	12.30	V

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	-38.74	-25	-13.74	-62.29	-46.1	2.34	9.70	H
	7500	-51.43	-25	-26.43	-78.44	-60.8	2.43	11.80	H
	10000	-51.60	-25	-26.60	-79.65	-61.1	2.70	12.20	H
	5004	-36.14	-25	-11.14	-60.84	-43.5	2.34	9.70	V
	7506	-46.52	-25	-21.52	-75.09	-55.9	2.43	11.80	V
	10000	-49.30	-25	-24.30	-79.77	-58.8	2.70	12.20	V
Middle	5052	-38.87	-25	-13.87	-62.51	-46.2	2.37	9.70	H
	7575	-51.16	-25	-26.16	-78.64	-60.6	2.41	11.85	H
	10100	-51.76	-25	-26.76	-79.45	-61.3	2.70	12.24	H
	5052	-36.27	-25	-11.27	-61.1	-43.6	2.37	9.70	V
	7584	-45.55	-25	-20.55	-74.98	-55	2.40	11.85	V
	10140	-48.84	-25	-23.84	-79.61	-58.4	2.70	12.26	V
Highest	5100	-36.99	-25	-11.99	-60.74	-44.3	2.39	9.70	H
	7656	-48.99	-25	-23.99	-76.52	-58.5	2.38	11.89	H
	10200	-50.92	-25	-25.92	-79.49	-60.5	2.70	12.28	H
	5100	-35.19	-25	-10.19	-59.87	-42.5	2.39	9.70	V
	7656	-44.19	-25	-19.19	-73.59	-53.7	2.38	11.89	V
	10200	-49.02	-25	-24.02	-79.81	-58.6	2.70	12.28	V

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



LTE Band 12 / 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	1400	-64.75	-13	-51.75	-74.52	-66.41	0.87	4.68	H
	2096	-60.45	-13	-47.45	-73.92	-61.32	1.16	4.19	H
	2800	-60.38	-13	-47.38	-76.47	-62.49	1.38	5.64	H
	1400	-64.92	-13	-51.92	-74.77	-66.58	0.87	4.68	V
	2096	-58.39	-13	-45.39	-73.27	-59.26	1.16	4.19	V
	2800	-59.13	-13	-46.13	-76.40	-61.24	1.38	5.64	V
Middle	1416	-64.66	-13	-51.66	-74.27	-66.41	0.87	4.78	H
	2120	-62.33	-13	-49.33	-75.76	-63.27	1.17	4.26	H
	2832	-60.61	-13	-47.61	-76.77	-62.73	1.39	5.67	H
	1416	-64.88	-13	-51.88	-74.29	-66.63	0.87	4.78	V
	2120	-59.95	-13	-46.95	-75.45	-60.89	1.17	4.26	V
	2832	-59.42	-13	-46.42	-76.78	-61.54	1.39	5.67	V
Highest	1432	-63.31	-13	-50.31	-72.63	-65.16	0.88	4.88	H
	2144	-60.94	-13	-47.94	-75.39	-61.94	1.18	4.33	H
	2864	-60.48	-13	-47.48	-76.72	-62.62	1.40	5.69	H
	1432	-64.01	-13	-51.01	-73.69	-65.86	0.88	4.88	V
	2144	-58.45	-13	-45.45	-73.30	-59.45	1.18	4.33	V
	2864	-59.13	-13	-46.13	-76.60	-61.27	1.40	5.69	V

LTE Band 12 / 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	1400	-64.51	-13	-51.51	-74.28	-66.17	0.87	4.68	H
	2104	-62.66	-13	-49.66	-76.09	-63.56	1.17	4.21	H
	2808	-60.58	-13	-47.58	-76.61	-62.69	1.39	5.65	H
	1400	-64.90	-13	-51.90	-74.75	-66.56	0.87	4.68	V
	2104	-60.71	-13	-47.71	-76.05	-61.61	1.17	4.21	V
	2808	-59.27	-13	-46.27	-76.58	-61.38	1.39	5.65	V
Middle	1416	-64.47	-13	-51.47	-74.35	-66.22	0.87	4.78	H
	2128	-62.77	-13	-49.77	-76.36	-63.73	1.17	4.28	H
	2832	-60.43	-13	-47.43	-76.59	-62.55	1.39	5.67	H
	1416	-64.46	-13	-51.46	-73.98	-66.21	0.87	4.78	V
	2128	-59.20	-13	-46.20	-74.32	-60.16	1.17	4.28	V
	2832	-59.20	-13	-46.20	-76.56	-61.32	1.39	5.67	V
Highest	1432	-62.51	-13	-49.51	-72.68	-64.36	0.88	4.88	H
	2136	-60.86	-13	-47.86	-76.19	-61.84	1.18	4.31	H
	2864	-59.01	-13	-46.01	-76.48	-61.15	1.40	5.69	H
	1432	-62.86	-13	-49.86	-72.24	-64.71	0.88	4.88	V
	2136	-62.83	-13	-49.83	-76.07	-63.81	1.18	4.31	V
	2864	-60.50	-13	-47.50	-76.70	-62.64	1.40	5.69	V

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



LTE Band 12 / 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	1400	-64.51	-13	-51.51	-74.18	-66.17	0.87	4.68	H
	2096	-62.84	-13	-49.84	-76.07	-63.71	1.16	4.19	H
	2800	-60.43	-13	-47.43	-76.52	-62.54	1.38	5.64	H
	1400	-64.60	-13	-51.60	-74.45	-66.26	0.87	4.68	V
	2096	-60.56	-13	-47.56	-75.94	-61.43	1.16	4.19	V
	2800	-58.78	-13	-45.78	-76.27	-60.89	1.38	5.64	V
Middle	1408	-64.61	-13	-51.61	-74.45	-66.32	0.87	4.73	H
	2120	-62.68	-13	-49.68	-76.19	-63.62	1.17	4.26	H
	2824	-60.39	-13	-47.39	-76.52	-62.51	1.39	5.66	H
	1408	-64.46	-13	-51.46	-74.27	-66.17	0.87	4.73	V
	2120	-60.78	-13	-47.78	-75.95	-61.72	1.17	4.26	V
	2824	-59.51	-13	-46.51	-76.56	-61.63	1.39	5.66	V
Highest	1424	-64.95	-13	-51.95	-74.50	-66.75	0.88	4.83	H
	2136	-62.89	-13	-49.89	-76.29	-63.87	1.18	4.31	H
	2848	-60.22	-13	-47.22	-76.42	-62.35	1.40	5.68	H
	1424	-64.52	-13	-51.52	-74.38	-66.32	0.88	4.83	V
	2136	-60.95	-13	-47.95	-76.10	-61.93	1.18	4.31	V
	2848	-58.99	-13	-45.99	-76.31	-61.12	1.40	5.68	V

LTE Band 12 / 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	1400	-64.25	-13	-51.25	-74.02	-65.91	0.87	4.68	H
	2096	-62.54	-13	-49.54	-76.04	-63.41	1.16	4.19	H
	2800	-60.48	-13	-47.48	-76.48	-62.59	1.38	5.64	H
	1400	-64.62	-13	-51.62	-74.47	-66.28	0.87	4.68	V
	2096	-60.95	-13	-47.95	-76.23	-61.82	1.16	4.19	V
	2800	-59.05	-13	-46.05	-76.32	-61.16	1.38	5.64	V
Middle	1408	-64.92	-13	-51.92	-74.18	-66.63	0.87	4.73	H
	2112	-62.39	-13	-49.39	-76.02	-63.31	1.17	4.24	H
	2808	-60.48	-13	-47.48	-76.60	-62.59	1.39	5.65	H
	1408	-64.22	-13	-51.22	-74.13	-65.93	0.87	4.73	V
	2112	-60.87	-13	-47.87	-76.18	-61.79	1.17	4.24	V
	2808	-59.31	-13	-46.31	-76.62	-61.42	1.39	5.65	V
Highest	1416	-64.03	-13	-51.03	-74.44	-65.78	0.87	4.78	H
	2120	-61.99	-13	-48.99	-75.92	-62.93	1.17	4.26	H
	2824	-60.20	-13	-47.20	-76.33	-62.32	1.39	5.66	H
	1416	-64.37	-13	-51.37	-74.22	-66.12	0.87	4.78	V
	2120	-60.69	-13	-47.69	-75.71	-61.63	1.17	4.26	V
	2824	-59.26	-13	-46.26	-76.58	-61.38	1.39	5.66	V

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



LTE Band 17 / 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	1408	-64.31	-13	-51.31	-74.16	-66.02	0.87	4.73	H
	2112	-62.15	-13	-49.15	-76.01	-63.07	1.17	4.24	H
	2816	-59.78	-13	-46.78	-76.60	-61.89	1.39	5.65	H
	1408	-64.31	-13	-51.31	-74.39	-66.02	0.87	4.73	V
	2112	-60.53	-13	-47.53	-76.08	-61.45	1.17	4.24	V
	2816	-58.55	-13	-45.55	-76.53	-60.66	1.39	5.65	V
Middle	1416	-64.33	-13	-51.33	-74.41	-66.08	0.87	4.78	H
	2120	-62.25	-13	-49.25	-76.11	-63.19	1.17	4.26	H
	2832	-59.96	-13	-46.96	-76.77	-62.08	1.39	5.67	H
	1416	-59.27	-13	-46.27	-74.38	-61.02	0.87	4.78	V
	2120	-60.67	-13	-47.67	-76.03	-61.61	1.17	4.26	V
	2832	-59.59	-13	-46.59	-76.58	-61.71	1.39	5.67	V
Highest	1424	-64.41	-13	-51.41	-74.43	-66.21	0.88	4.83	H
	2136	-62.33	-13	-49.33	-76.19	-63.31	1.18	4.31	H
	2848	-59.89	-13	-46.89	-76.68	-62.02	1.40	5.68	H
	1424	-64.31	-13	-51.31	-74.67	-66.11	0.88	4.83	V
	2136	-60.64	-13	-47.64	-76.27	-61.62	1.18	4.31	V
	2848	-59.19	-13	-46.19	-76.69	-61.32	1.40	5.68	V

LTE Band 17 / 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	1408	-64.31	-13	-51.31	-74.40	-66.02	0.87	4.73	H
	2112	-62.16	-13	-49.16	-75.73	-63.08	1.17	4.24	H
	2816	-59.76	-13	-46.76	-76.65	-61.87	1.39	5.65	H
	1408	-64.34	-13	-51.34	-74.44	-66.05	0.87	4.73	V
	2112	-60.59	-13	-47.59	-75.92	-61.51	1.17	4.24	V
	2816	-58.61	-13	-45.61	-76.72	-60.72	1.39	5.65	V
Middle	1412	-64.48	-13	-51.48	-74.53	-66.21	0.87	4.75	H
	2120	-62.27	-13	-49.27	-76.18	-63.21	1.17	4.26	H
	2820	-59.81	-13	-46.81	-76.60	-61.92	1.39	5.66	H
	1412	-64.29	-13	-51.29	-74.45	-66.02	0.87	4.75	V
	2120	-60.62	-13	-47.62	-75.89	-61.56	1.17	4.26	V
	2820	-58.62	-13	-45.62	-76.50	-60.73	1.39	5.66	V
Highest	1416	-64.33	-13	-51.33	-74.42	-66.08	0.87	4.78	H
	2120	-62.07	-13	-49.07	-75.85	-63.01	1.17	4.26	H
	2824	-59.96	-13	-46.96	-76.80	-62.08	1.39	5.66	H
	1416	-64.33	-13	-51.33	-74.41	-66.08	0.87	4.78	V
	2120	-60.77	-13	-47.77	-76.02	-61.71	1.17	4.26	V
	2824	-58.59	-13	-45.59	-76.51	-60.71	1.39	5.66	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	5016	-54.96	-25	-29.96	-78.5	-62.31	2.35	9.70	H
	7522	-51.82	-25	-26.82	-78.87	-61.21	2.42	11.81	H
	10030	-51.56	-25	-26.56	-79.51	-61.08	2.70	12.21	H
	5016	-53.86	-25	-28.86	-78.31	-61.21	2.35	9.70	V
	7524	-49.68	-25	-24.68	-78.42	-59.07	2.42	11.81	V
	10030	-48.55	-25	-23.55	-79.01	-58.07	2.70	12.21	V
Middle	5064	-54.86	-25	-29.86	-78.29	-62.19	2.37	9.70	H
	7608	-51.34	-25	-26.34	-78.91	-60.81	2.39	11.86	H
	10140	-51.52	-25	-26.52	-79.82	-61.08	2.70	12.26	H
	5064	-54.06	-25	-29.06	-78.49	-61.39	2.37	9.70	V
	7608	-49.61	-25	-24.61	-78.69	-59.08	2.39	11.86	V
	10140	-48.83	-25	-23.83	-79.73	-58.39	2.70	12.26	V
Highest	5124	-55.32	-25	-30.32	-78.58	-62.61	2.41	9.70	H
	7688	-50.65	-25	-25.65	-78.12	-60.19	2.37	11.91	H
	10250	-50.88	-25	-25.88	-79.45	-60.49	2.69	12.30	H
	5124	-53.73	-25	-28.73	-78.26	-61.02	2.41	9.70	V
	7692	-48.84	-25	-23.84	-77.95	-58.39	2.37	11.92	V
	10250	-47.62	-25	-22.62	-78.9	-57.23	2.69	12.30	V

**<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	5016	-54.77	-25	-29.77	-78.2	-62.12	2.35	9.70	H
	7522	-51.79	-25	-26.79	-78.79	-61.18	2.42	11.81	H
	10030	-51.59	-25	-26.59	-79.52	-61.11	2.70	12.21	H
	5016	-53.87	-25	-28.87	-78.29	-61.22	2.35	9.70	V
	7524	-49.73	-25	-24.73	-78.44	-59.12	2.42	11.81	V
	10030	-49.04	-25	-24.04	-79.58	-58.56	2.70	12.21	V
Middle	5064	-55.06	-25	-30.06	-78.51	-62.39	2.37	9.70	H
	7608	-50.94	-25	-25.94	-78.45	-60.41	2.39	11.86	H
	10140	-51.52	-25	-26.52	-79.9	-61.08	2.70	12.26	H
	5064	-53.78	-25	-28.78	-78.26	-61.11	2.37	9.70	V
	7608	-49.74	-25	-24.74	-78.91	-59.21	2.39	11.86	V
	10140	-48.96	-25	-23.96	-79.95	-58.52	2.70	12.26	V
Highest	5124	-54.98	-25	-29.98	-78.46	-62.27	2.41	9.70	H
	7688	-50.68	-25	-25.68	-78.2	-60.22	2.37	11.91	H
	10250	-50.46	-25	-25.46	-79.12	-60.07	2.69	12.30	H
	5124	-53.73	-25	-28.73	-78.27	-61.02	2.41	9.70	V
	7692	-49.36	-25	-24.36	-78.32	-58.91	2.37	11.92	V
	10250	-47.51	-25	-22.51	-78.86	-57.12	2.69	12.30	V