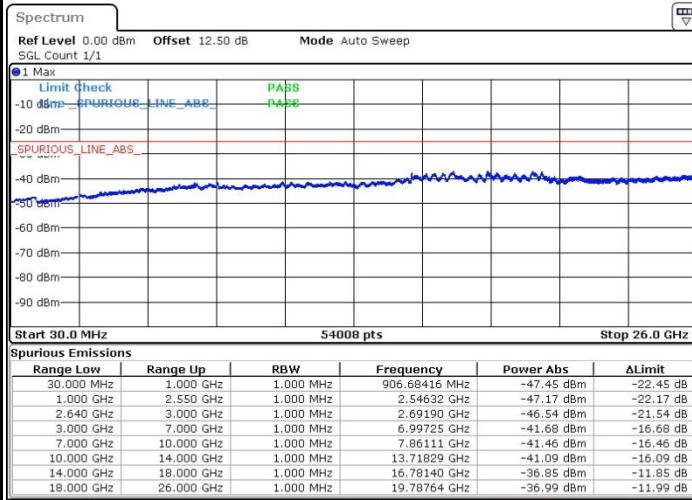




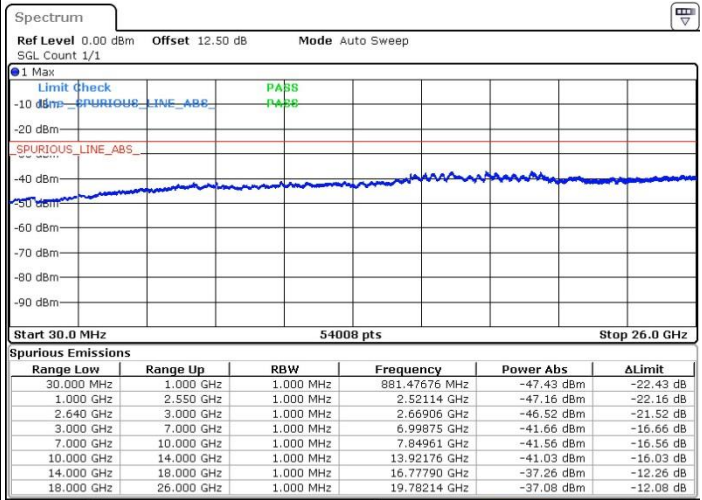
LTE Band 38 / 5MHz

Highest Channel / QPSK



Date: 12 MAY 2015 23:48:44

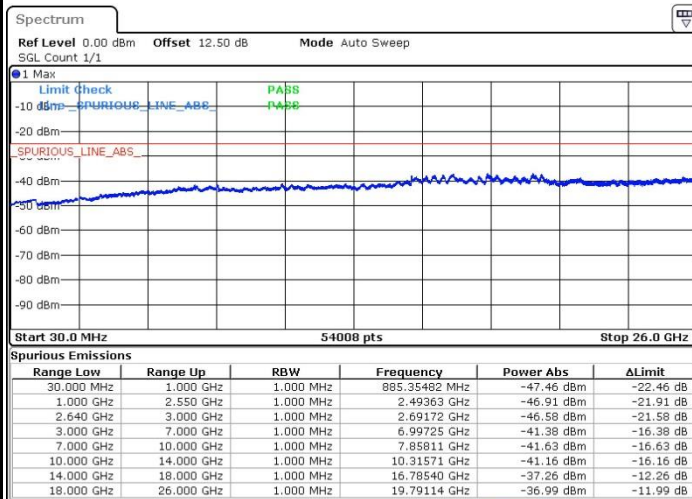
Highest Channel / 16QAM



Date: 12 MAY 2015 23:49:57

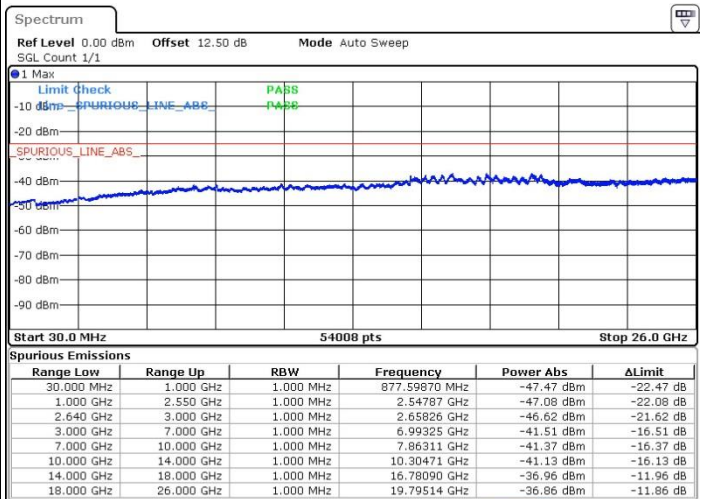
LTE Band38 / 10MHz

Lowest Channel / QPSK



Date: 12 MAY 2015 23:51:09

Lowest Channel / 16QAM

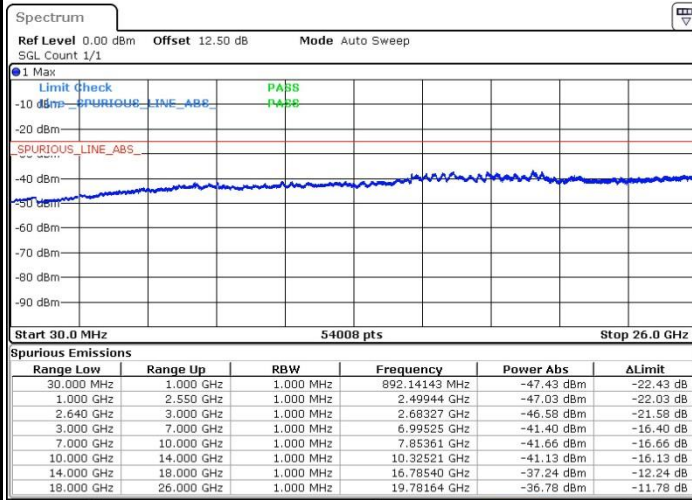


Date: 12 MAY 2015 23:52:22



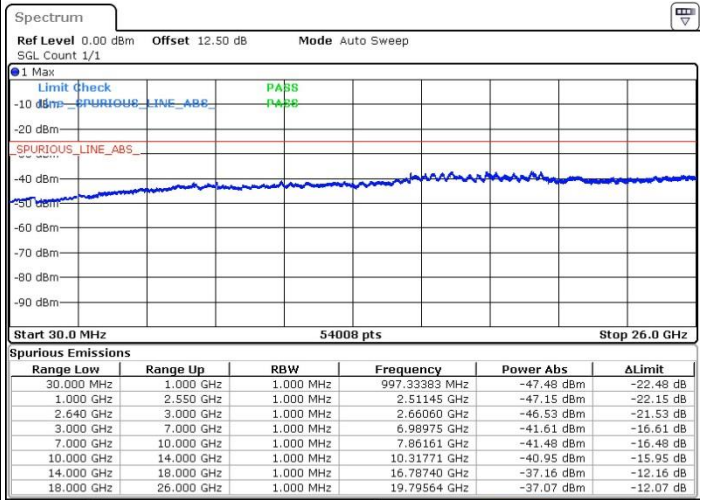
LTE Band 38/ 10MHz

Middle Channel / QPSK



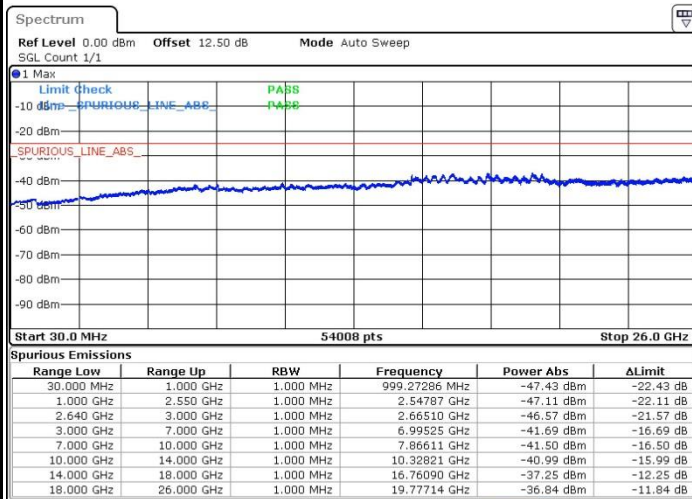
Date: 12 MAY 2015 23:53:35

Middle Channel / 16QAM



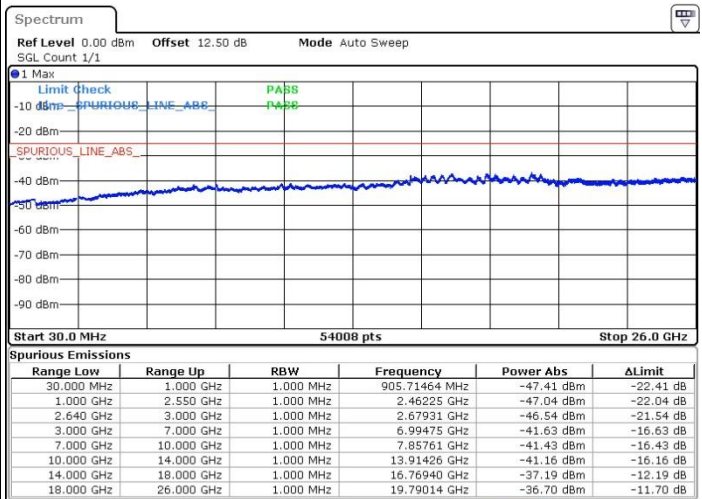
Date: 12 MAY 2015 23:54:47

Highest Channel / QPSK



Date: 12 MAY 2015 23:56:00

Highest Channel / 16QAM

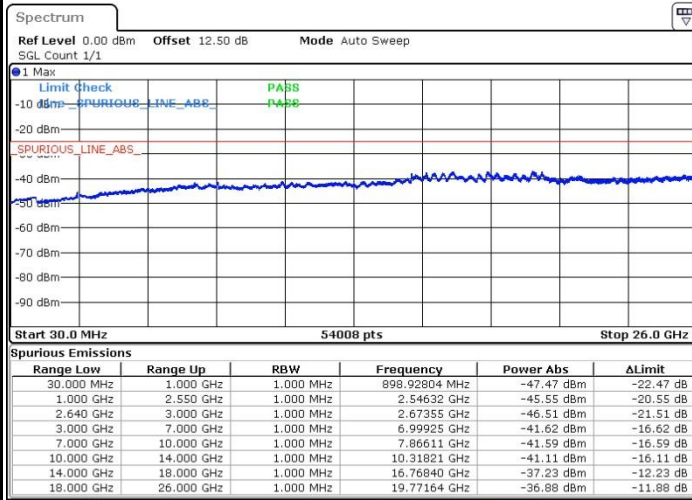


Date: 12 MAY 2015 23:57:13



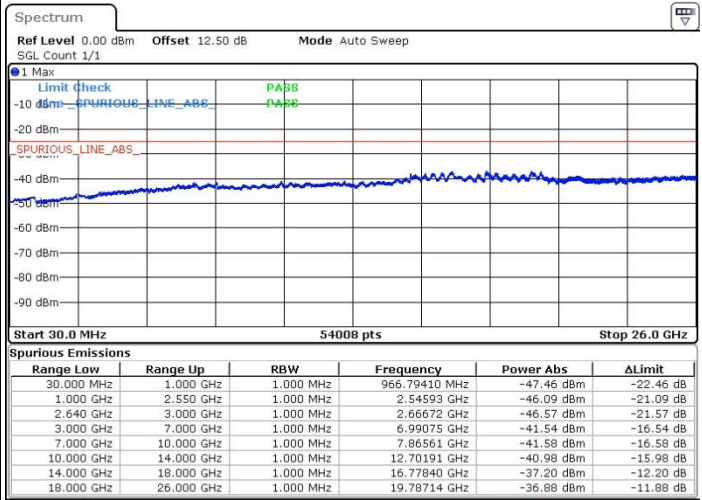
LTE Band 38 / 15MHz

Lowest Channel / QPSK



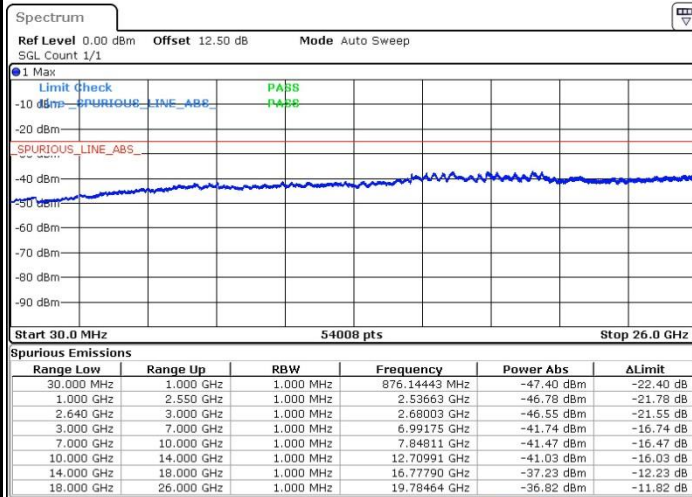
Date: 12 MAY 2015 23:58:25

Lowest Channel / 16QAM



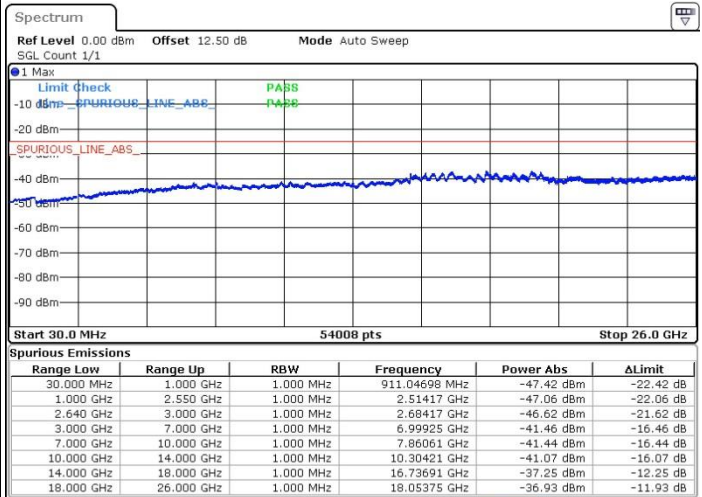
Date: 12 MAY 2015 23:59:38

Middle Channel / QPSK



Date: 13 MAY 2015 00:00:51

Middle Channel / 16QAM

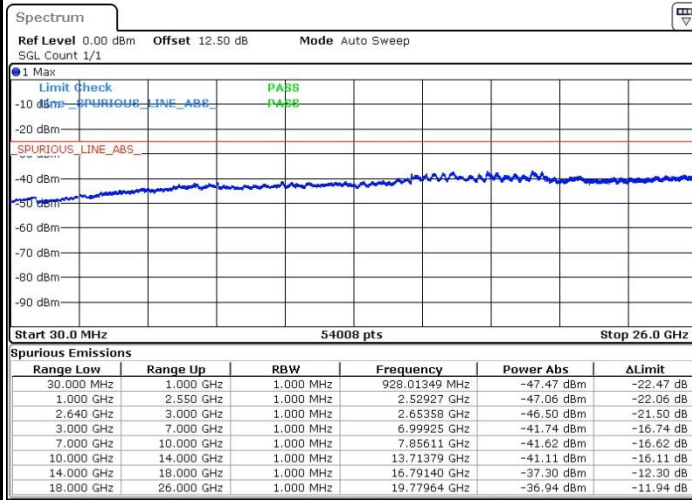


Date: 13 MAY 2015 00:02:03



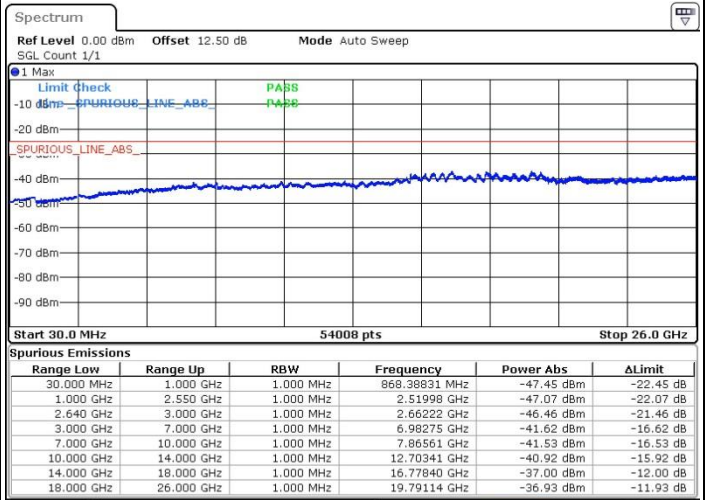
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 13.MAY.2015 00:03:14

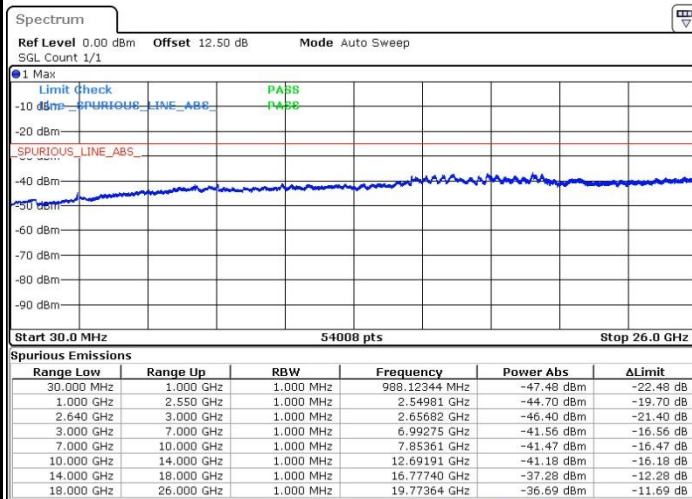
Highest Channel / 16QAM



Date: 13.MAY.2015 00:04:24

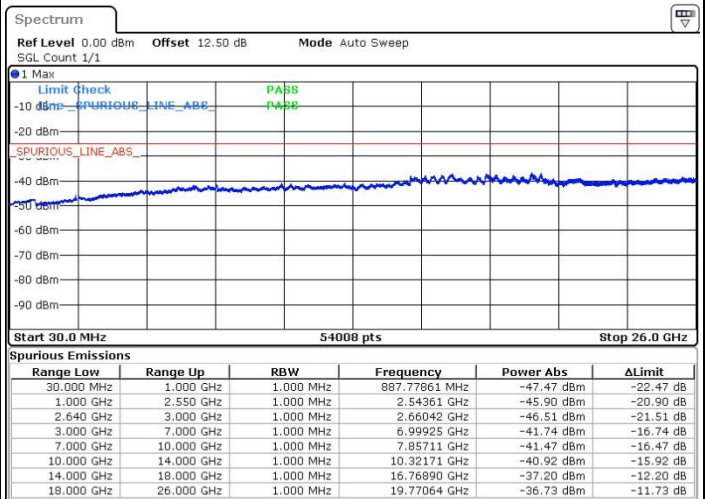
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 13.MAY.2015 00:05:35

Lowest Channel / 16QAM

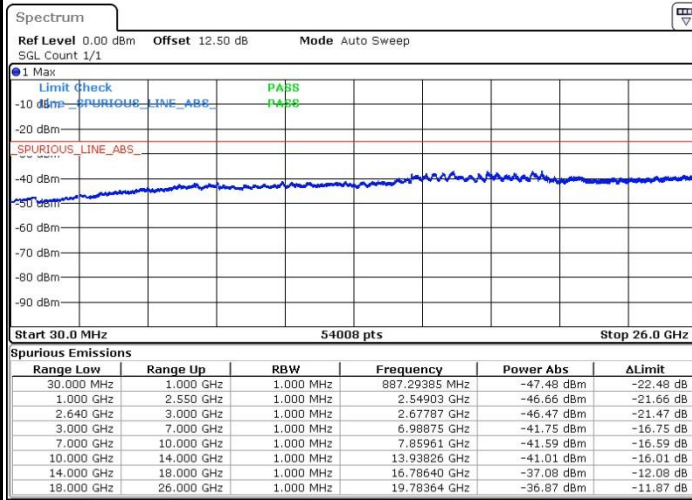


Date: 13.MAY.2015 00:06:46



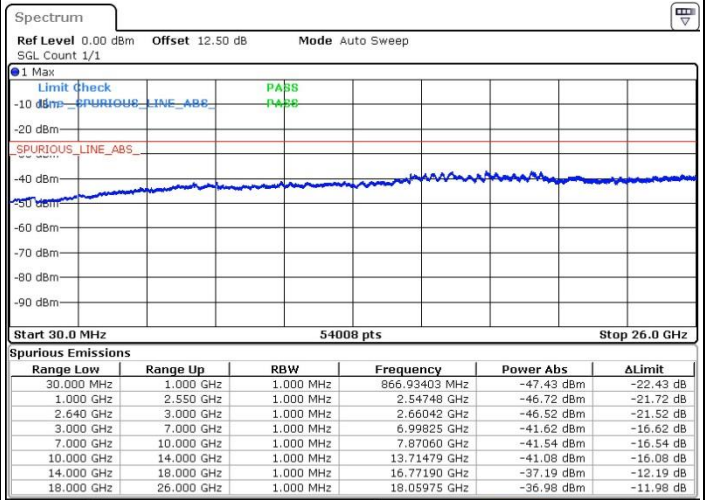
LTE Band 38 / 20MHz

Middle Channel / QPSK



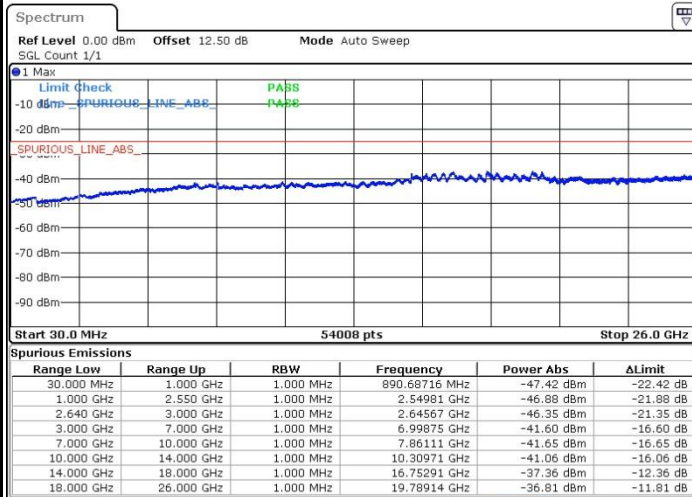
Date: 13.MAY.2015 00:07:57

Middle Channel / 16QAM



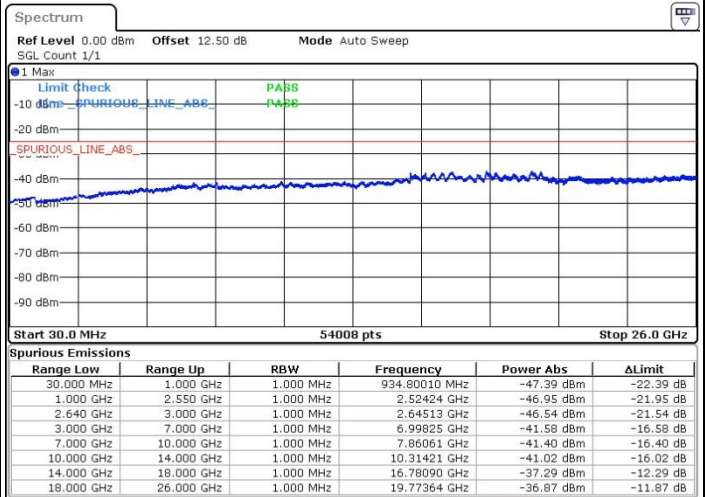
Date: 13.MAY.2015 00:09:09

Highest Channel / QPSK



Date: 13.MAY.2015 00:10:20

Highest Channel / 16QAM



Date: 13.MAY.2015 00:11:31

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0118	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.87V. ; 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 25 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.45	0.1758	20.42	0.1102
Middle		1	0	22.62	0.1828	20.52	0.1127
Highest		1	0	21.82	0.1521	20.48	0.1117
Lowest	16QAM	1	0	21.61	0.1449	19.61	0.0914
Middle		1	0	21.83	0.1524	19.78	0.0951
Highest		1	0	21.01	0.1262	19.62	0.0916
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	22.93	0.1963	20.90	0.1230
Middle		1	0	22.55	0.1799	20.51	0.1125
Highest		1	0	21.93	0.1560	20.56	0.1138
Lowest	16QAM	1	0	22.12	0.1629	19.94	0.0986
Middle		1	0	21.65	0.1462	19.66	0.0925
Highest		1	0	21.18	0.1312	19.81	0.0957
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	22.86	0.1932	20.82	0.1208
Middle		1	0	22.62	0.1828	20.52	0.1127
Highest		1	0	22.00	0.1585	20.60	0.1148
Lowest	16QAM	1	0	22.15	0.1641	20.03	0.1007
Middle		1	0	21.83	0.1524	19.66	0.0925
Highest		1	0	21.25	0.1334	19.87	0.0971
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	23.00	0.1995	20.92	0.1236
Middle		1	0	22.93	0.1963	20.77	0.1194
Highest		1	0	22.43	0.1750	20.76	0.1191
Lowest	16QAM	1	0	22.37	0.1726	20.12	0.1028
Middle		1	0	22.13	0.1633	20.01	0.1002
Highest		1	0	21.65	0.1462	19.96	0.0991
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	23.08	0.2032	21.03	0.1268
Middle		1	0	22.92	0.1959	20.94	0.1242
Highest		1	0	22.78	0.1897	20.98	0.1253
Lowest	16QAM	1	0	22.29	0.1694	20.26	0.1062
Middle		1	0	22.27	0.1687	20.24	0.1057
Highest		1	0	22.01	0.1589	20.04	0.1009
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	23.24	0.2109	20.27	0.1064
Middle		1	0	23.05	0.2018	21.10	0.1288
Highest		1	0	22.94	0.1968	20.99	0.1256
Lowest	16QAM	1	0	22.45	0.1758	20.41	0.1099
Middle		1	0	22.38	0.1730	20.44	0.1107
Highest		1	0	22.18	0.1652	20.22	0.1052
Limit	EIRP < 2W			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	17.92	0.0619	18.85	0.0767
Middle		1	0	18.57	0.0719	19.50	0.0891
Highest		1	0	18.68	0.0738	20.00	0.1000
Lowest	16QAM	1	0	16.34	0.0431	17.23	0.0528
Middle		1	0	16.96	0.0497	17.89	0.0615
Highest		1	0	16.97	0.0498	18.34	0.0682
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	17.88	0.0614	18.66	0.0735
Middle		1	0	18.89	0.0774	19.84	0.0964
Highest		1	0	19.09	0.0811	20.33	0.1079
Lowest	16QAM	1	0	16.35	0.0432	17.01	0.0502
Middle		1	0	17.01	0.0502	17.92	0.0619
Highest		1	0	17.16	0.0520	18.43	0.0697
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	17.97	0.0627	18.72	0.0745
Middle		1	0	18.55	0.0716	19.62	0.0916
Highest		1	0	18.52	0.0711	19.76	0.0946
Lowest	16QAM	1	0	16.58	0.0455	17.30	0.0537
Middle		1	0	17.02	0.0504	17.97	0.0627
Highest		1	0	17.01	0.0502	18.22	0.0664
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	17.90	0.0617	18.70	0.0741
Middle		1	0	18.28	0.0673	19.36	0.0863
Highest		1	0	18.44	0.0698	19.61	0.0914
Lowest	16QAM	1	0	16.39	0.0436	17.41	0.0551
Middle		1	0	16.45	0.0442	17.58	0.0573
Highest		1	0	16.60	0.0457	17.98	0.0628
Limit	ERP < 7W			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	19.11	0.0815	20.24	0.1057
Middle		1	0	18.85	0.0767	20.45	0.1109
Highest		1	0	19.28	0.0847	20.56	0.1138
Lowest	16QAM	1	0	17.31	0.0538	18.71	0.0743
Middle		1	0	17.34	0.0542	18.66	0.0735
Highest		1	0	17.34	0.0542	18.25	0.0668
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Middle	QPSK	1	0	19.04	0.0802	20.22	0.1052
Middle	16QAM	1	0	17.32	0.0540	18.44	0.0698
Limit	ERP < 3W			Result		PASS	