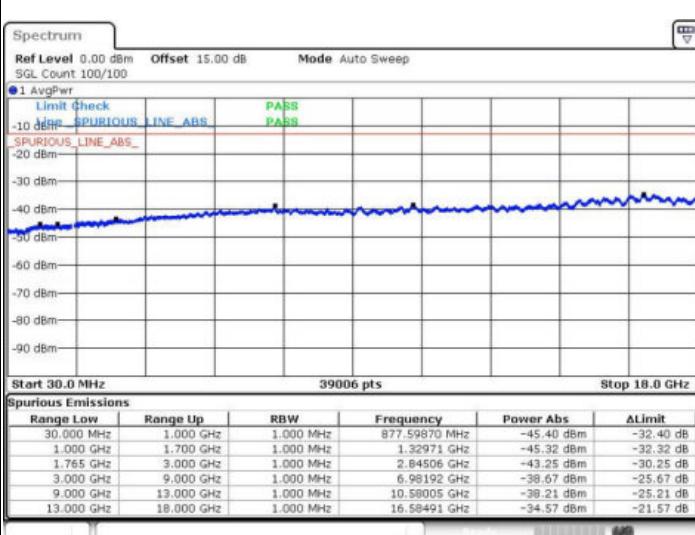
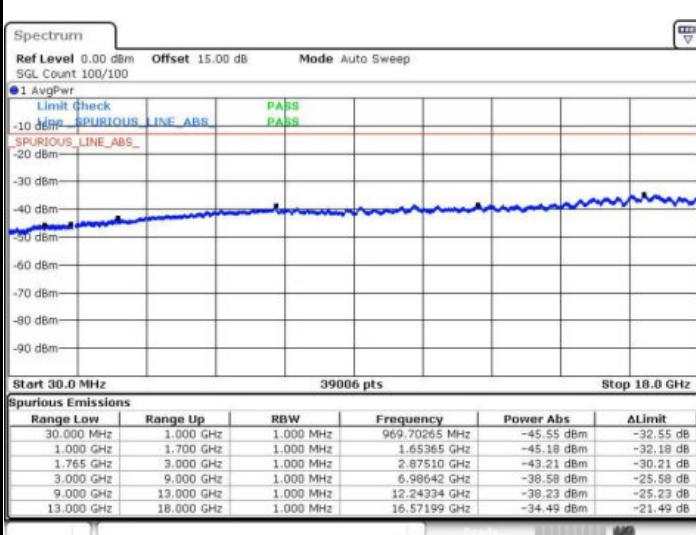




## LTE Band 4 / 15MHz

## Highest Channel / QPSK

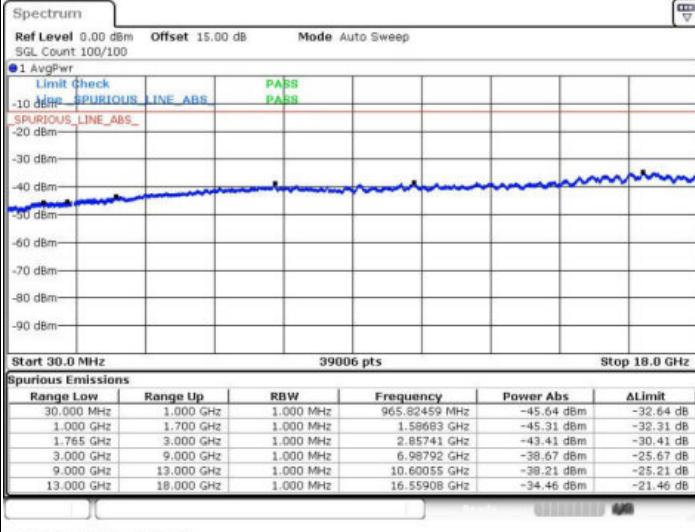
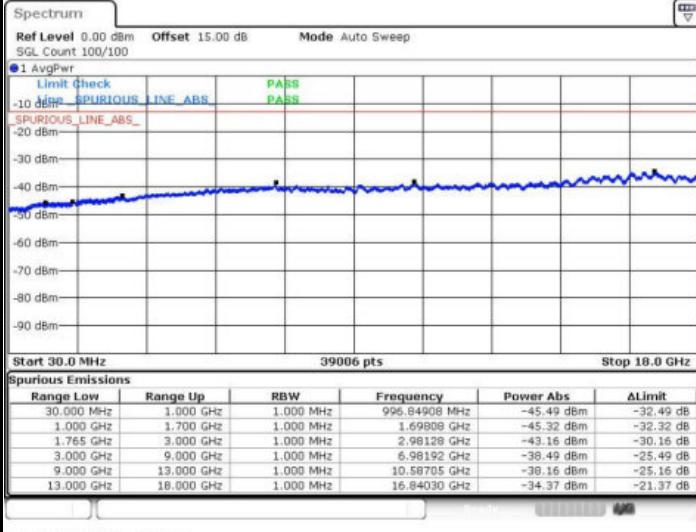
## Highest Channel / 16QAM

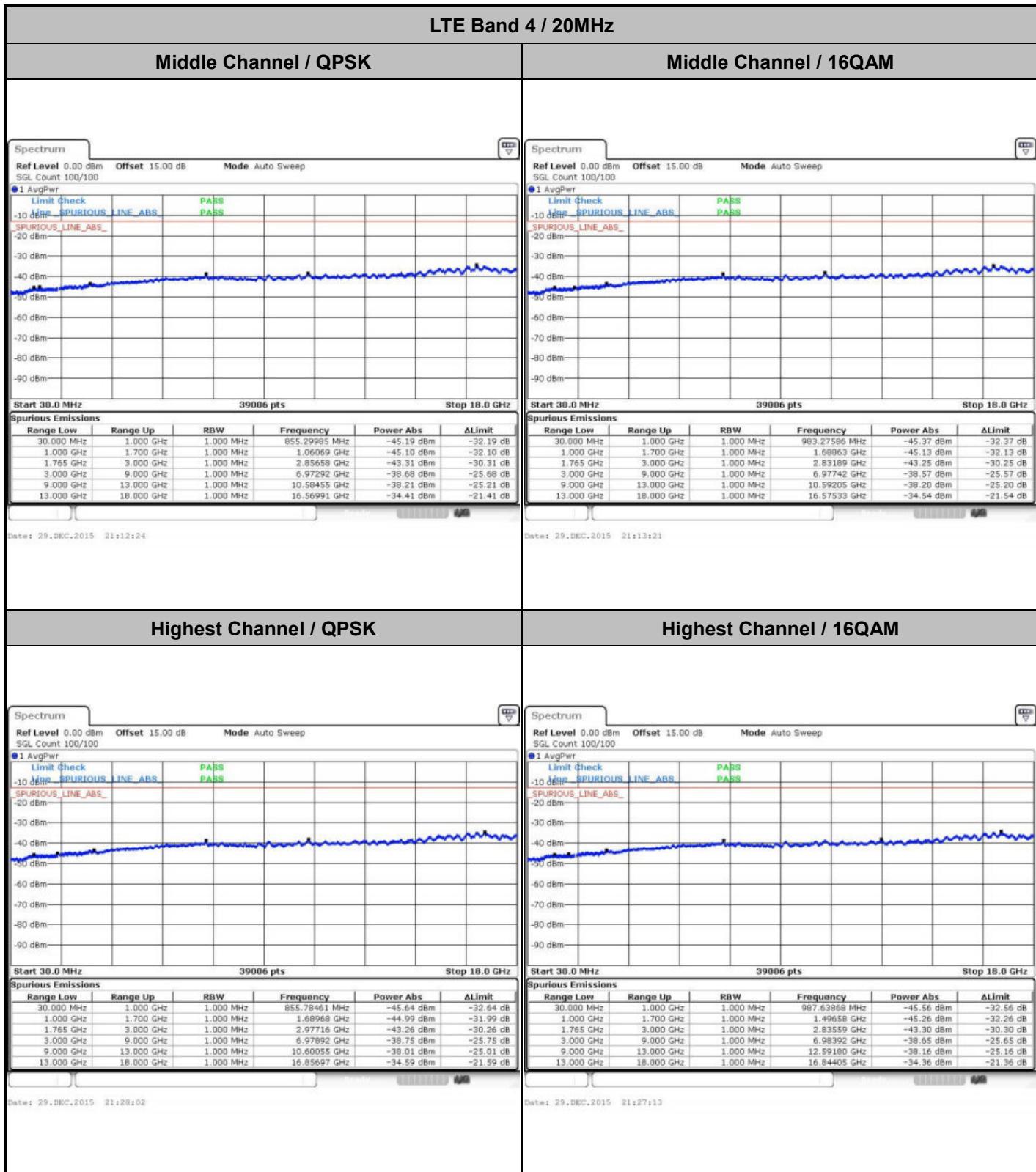


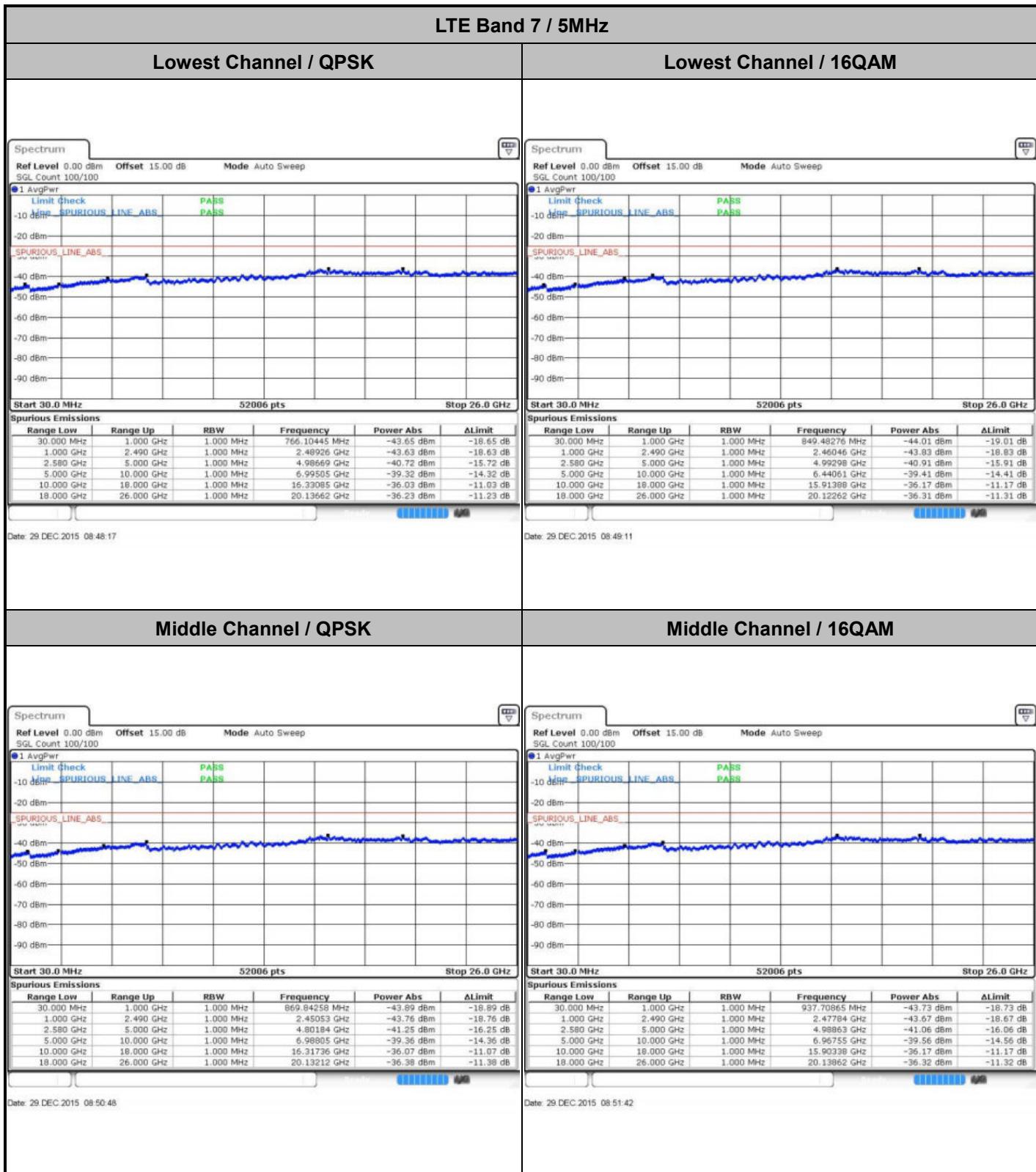
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





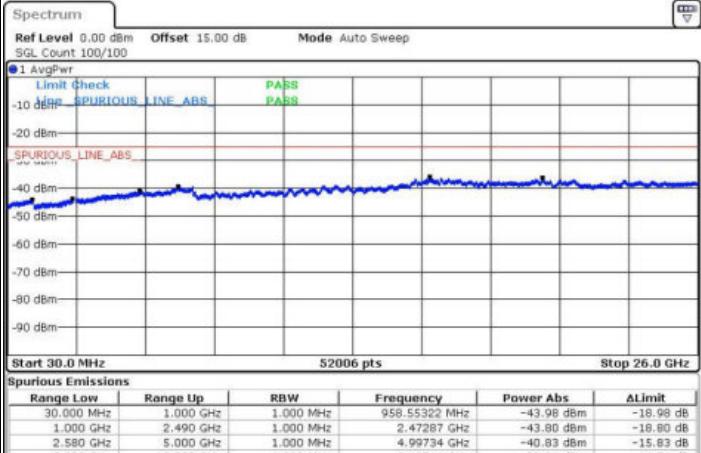
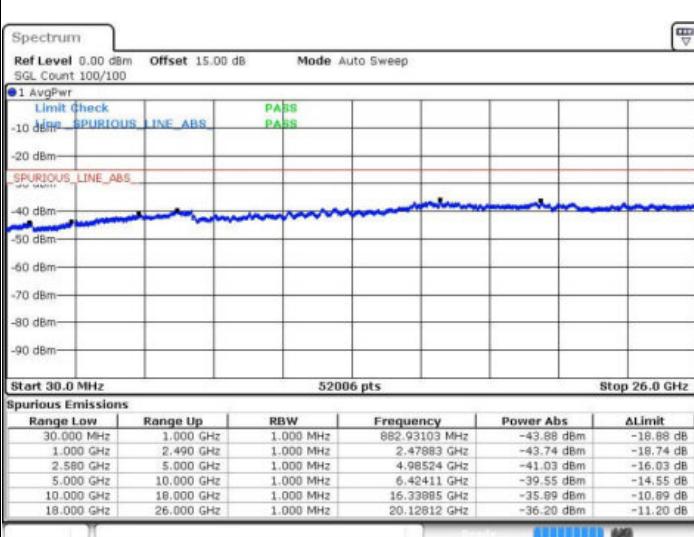




## LTE Band 7 / 5MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM



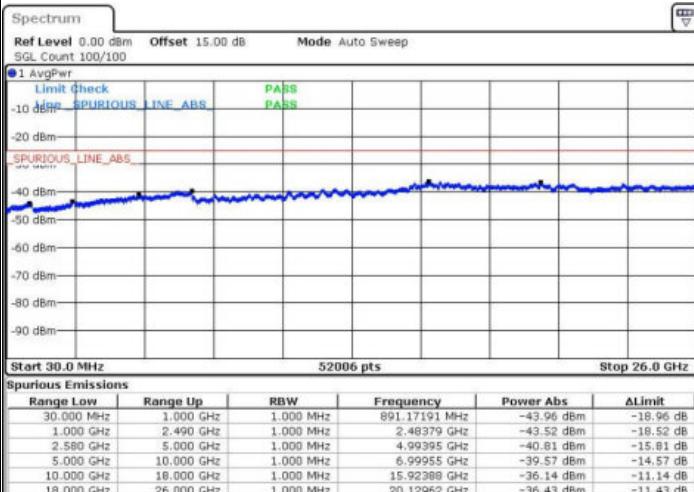
Date: 29 DEC 2015 08:57:54

Date: 29 DEC 2015 08:58:49

## LTE Band 7 / 10MHz

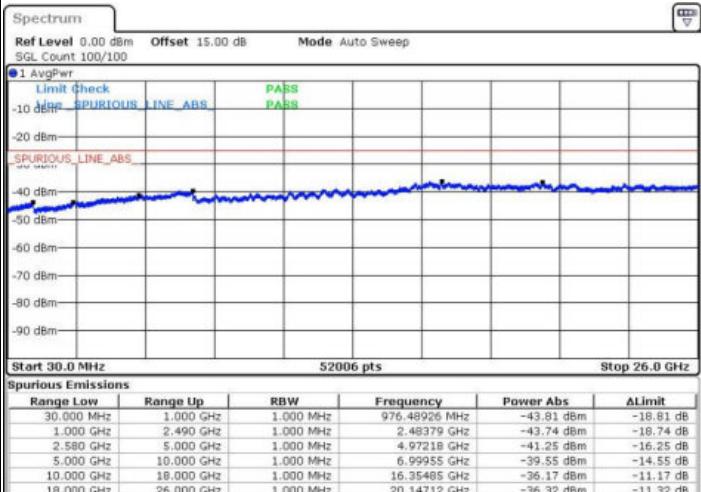
## Lowest Channel / QPSK

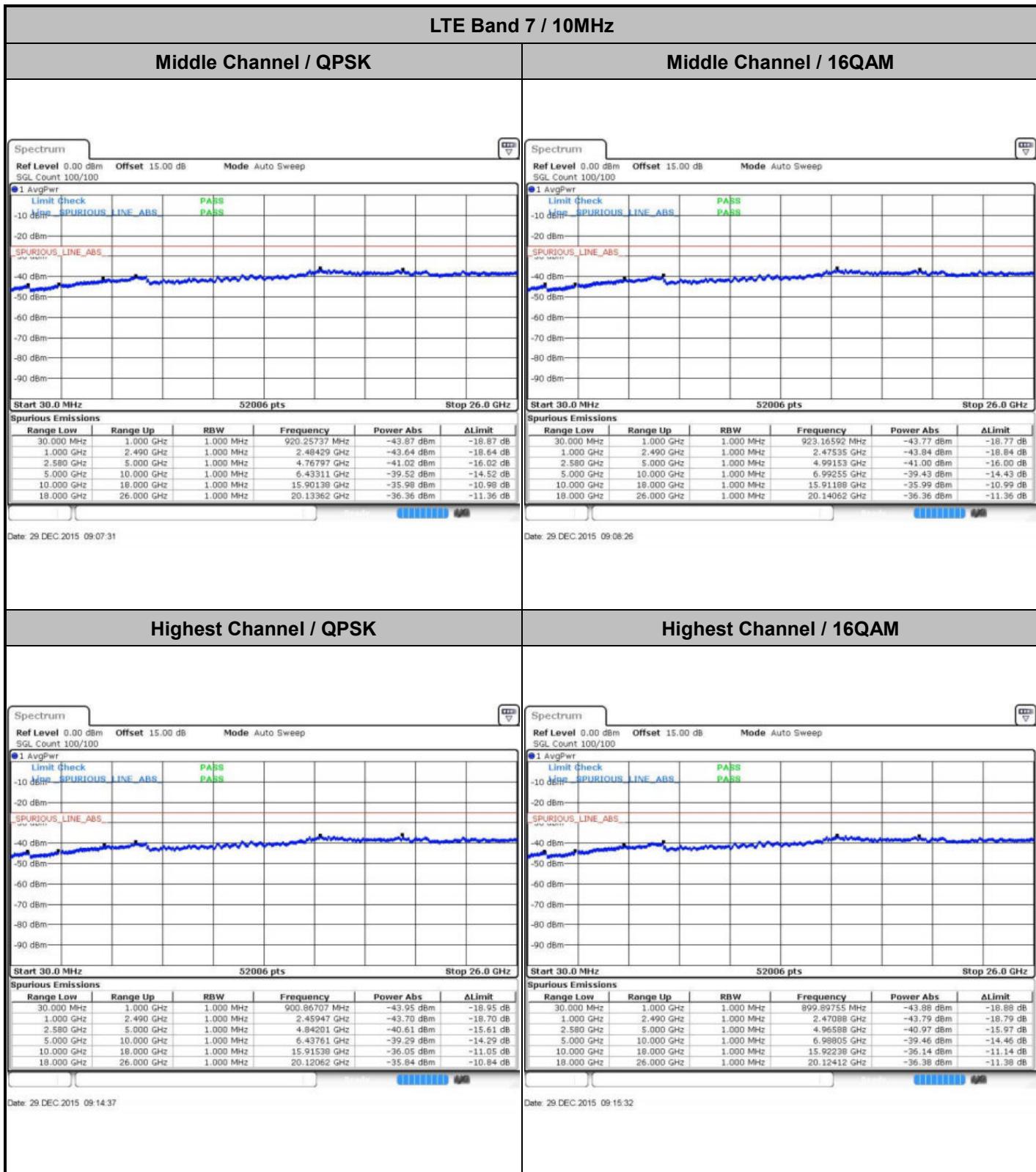
## Lowest Channel / 16QAM

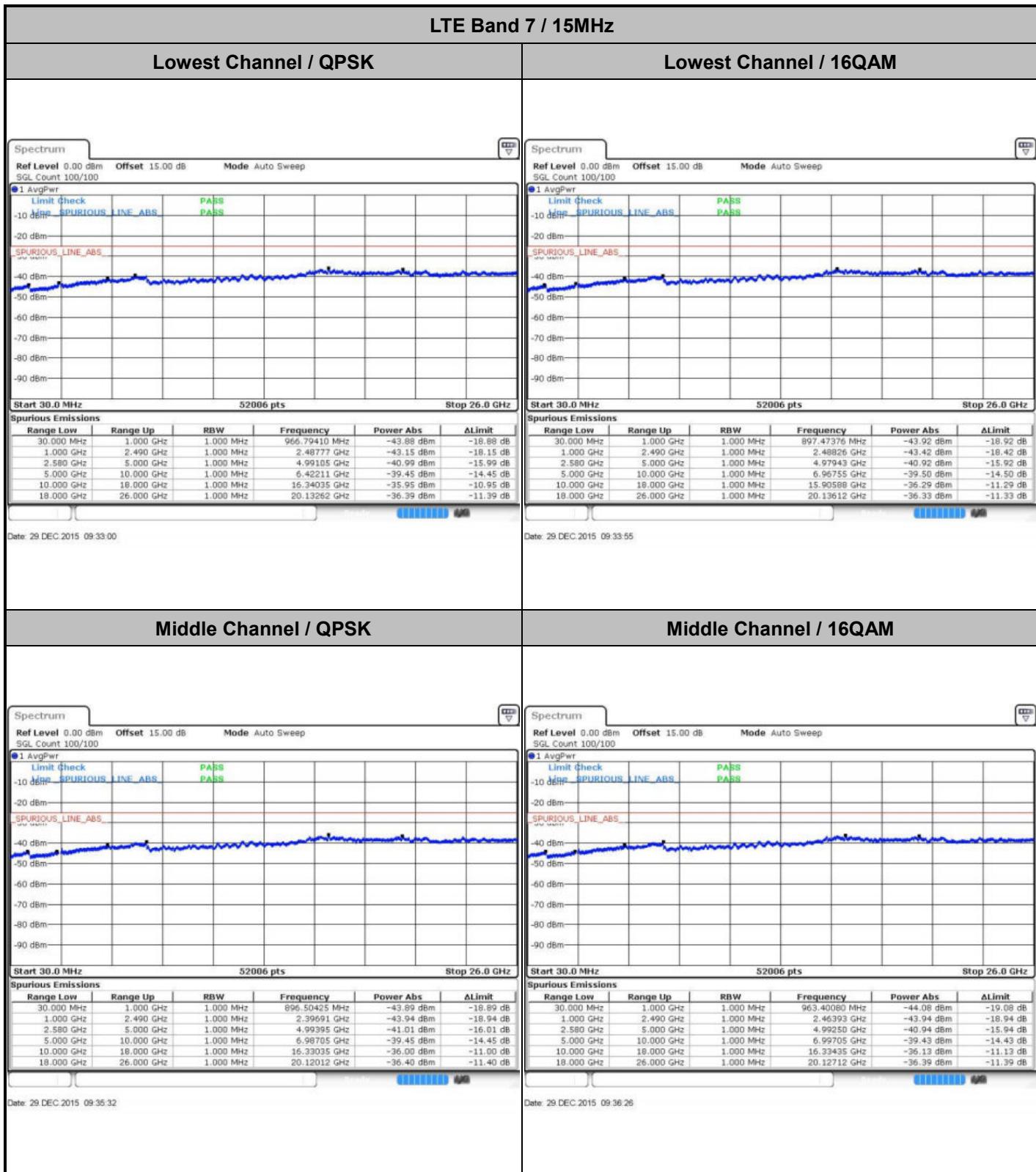


Date: 29 DEC 2015 09:05:00

Date: 29 DEC 2015 09:05:54





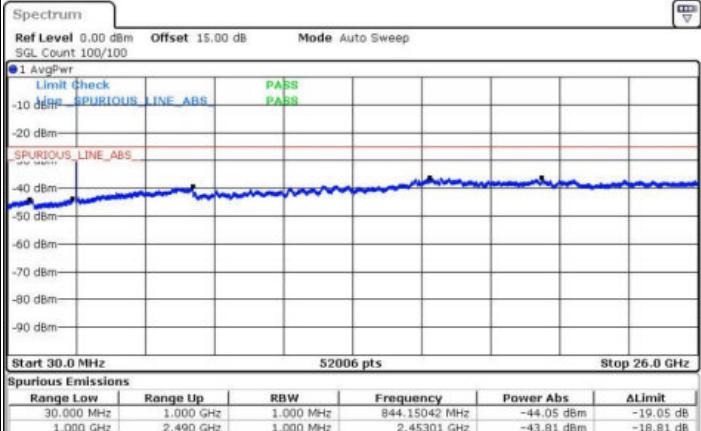
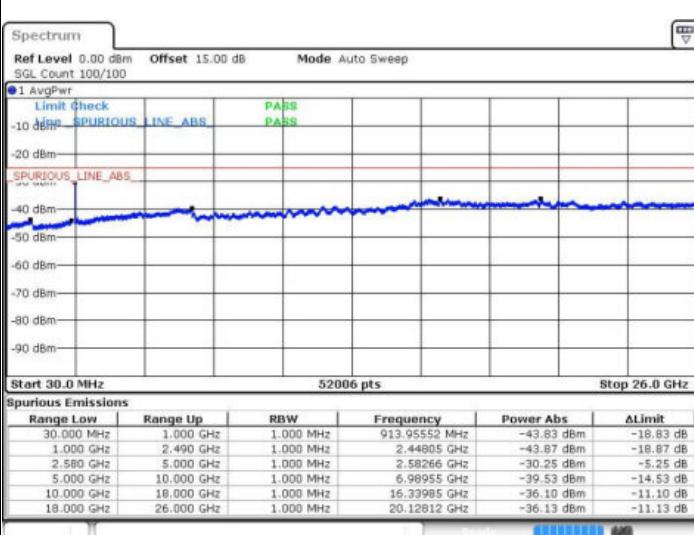




## LTE Band7 / 15MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM

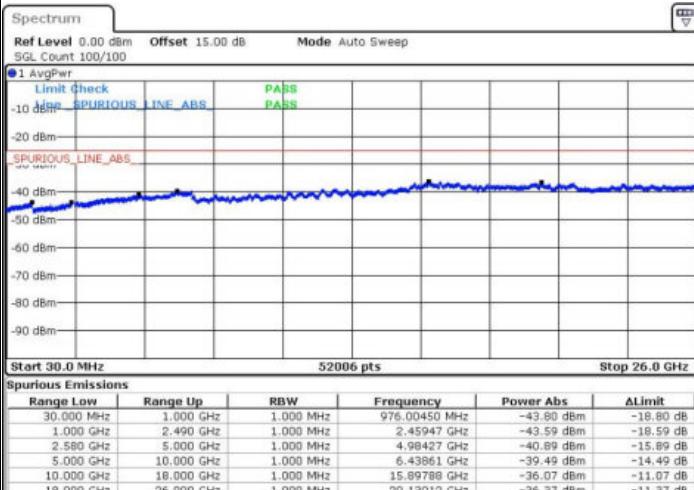


Date: 29 DEC 2015 09:42:38

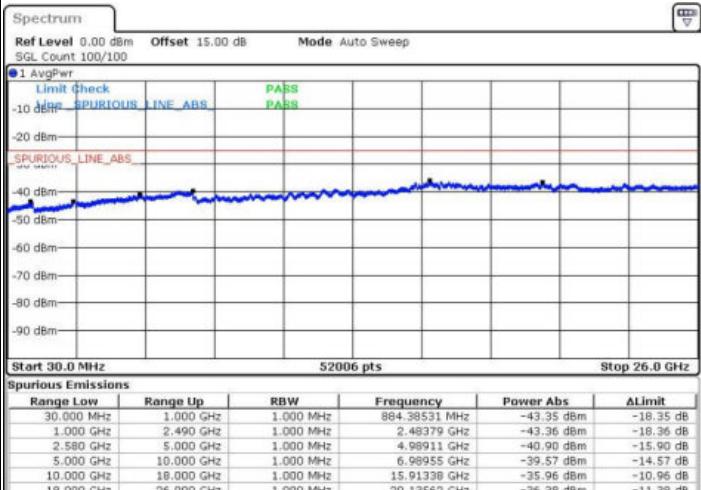
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK

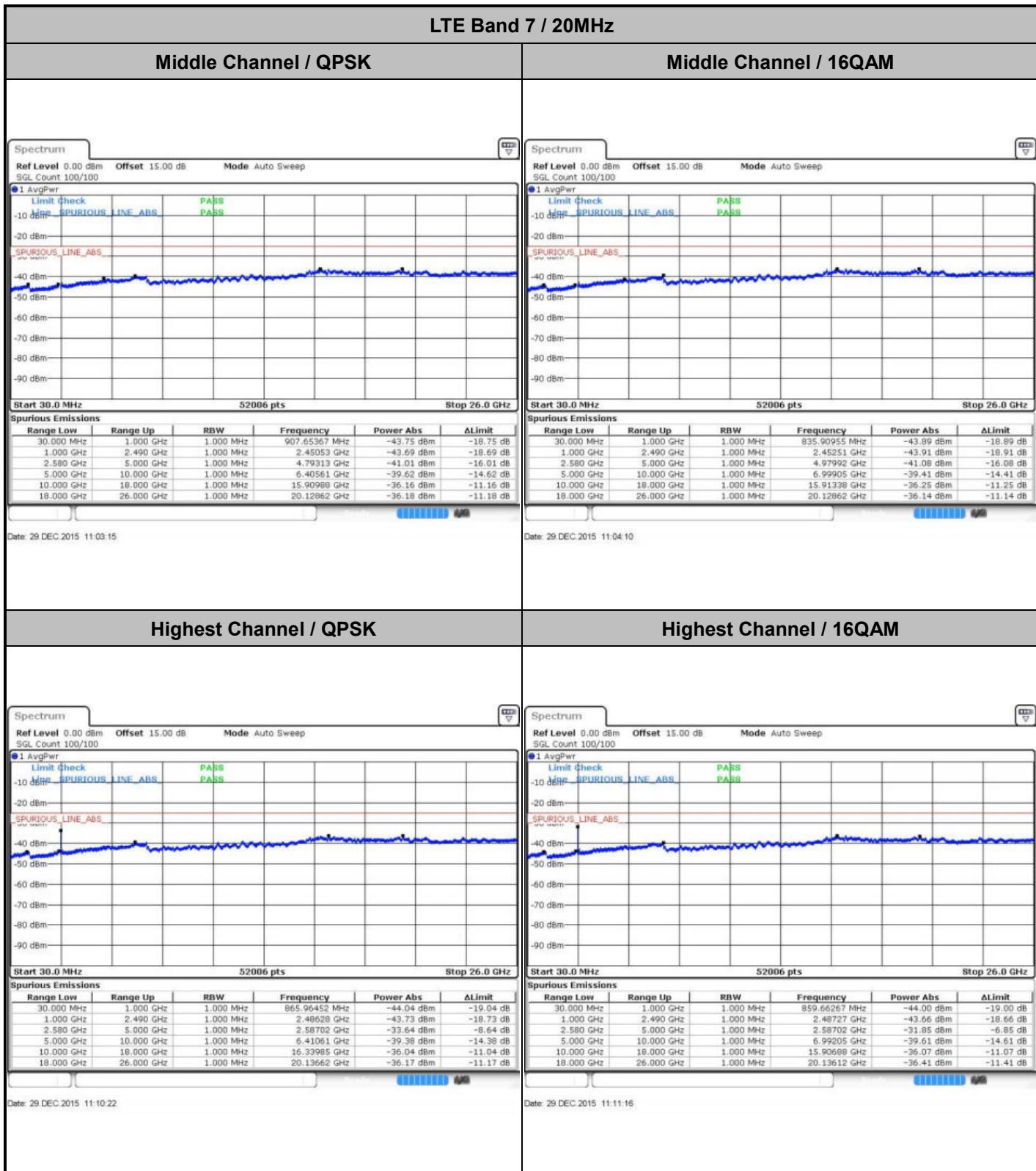
## Lowest Channel / 16QAM

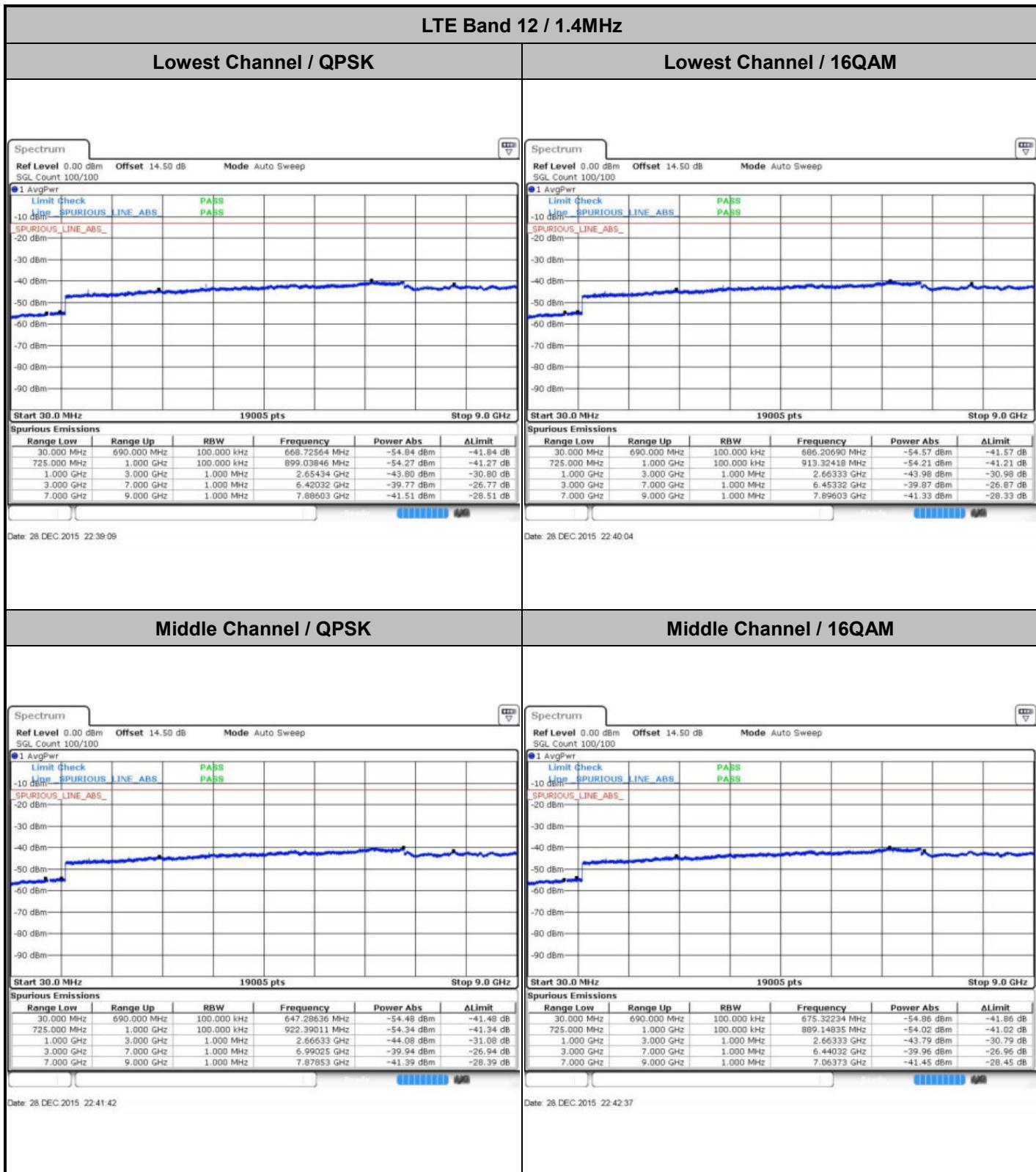


Date: 29 DEC 2015 11:00:44



Date: 29 DEC 2015 11:01:38



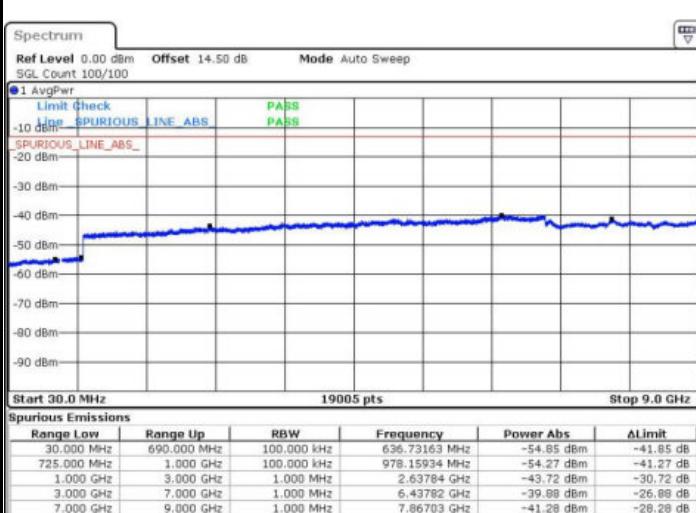




## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM



Date: 26.DEC.2015 22:52:18



Date: 26.DEC.2015 22:53:13

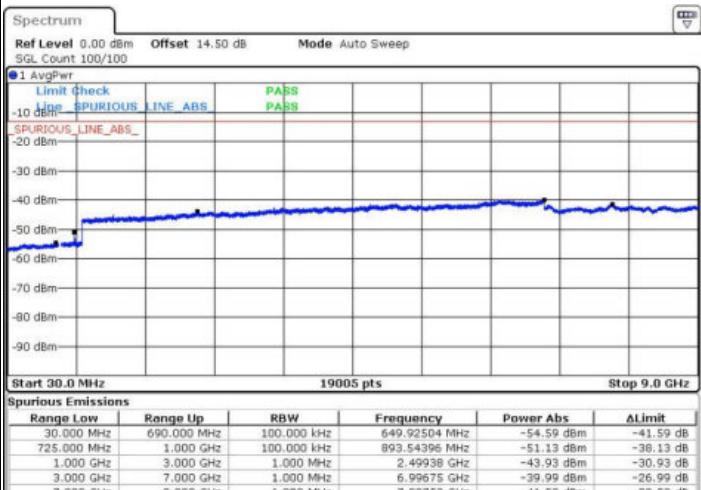
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK

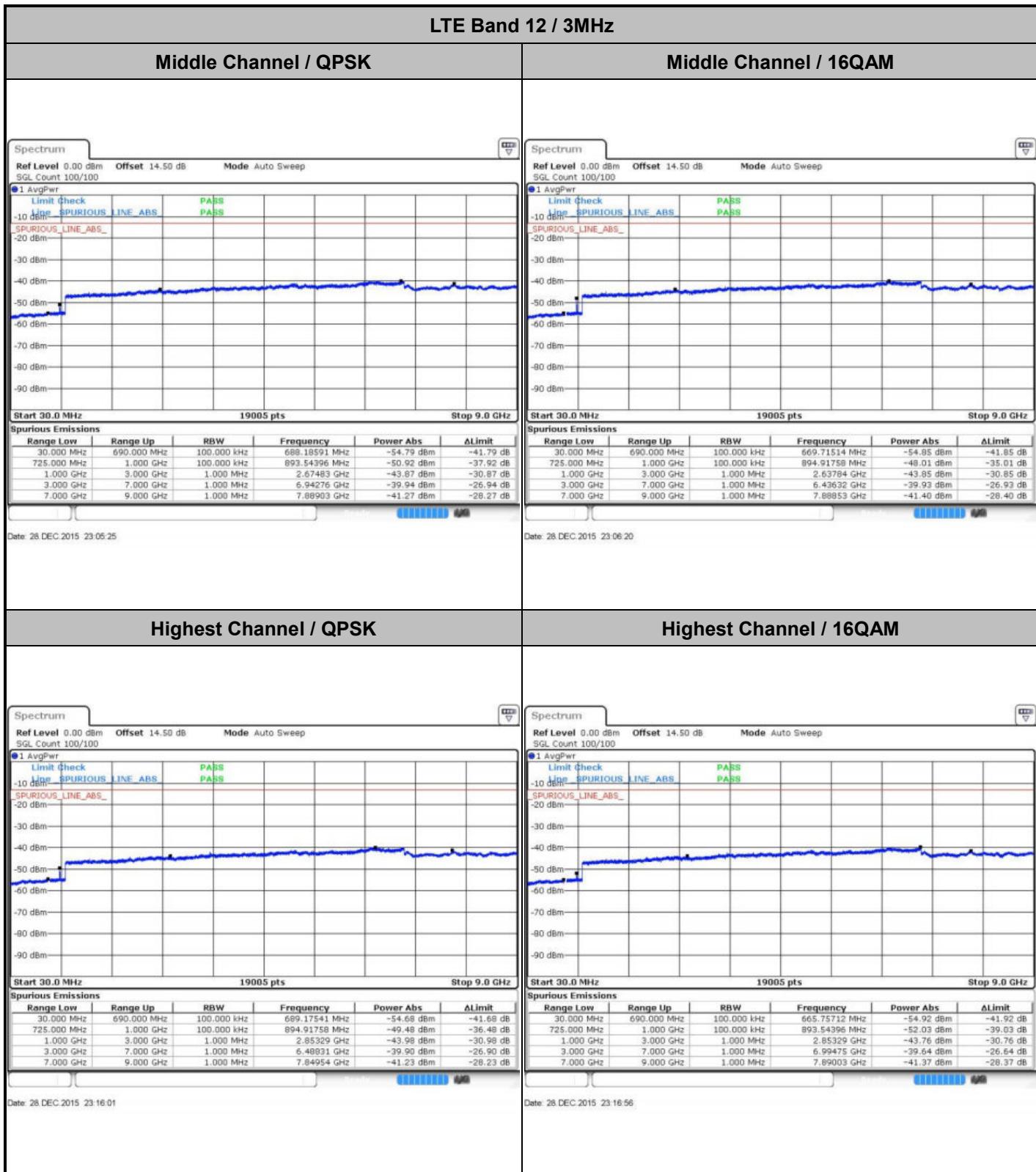
## Lowest Channel / 16QAM

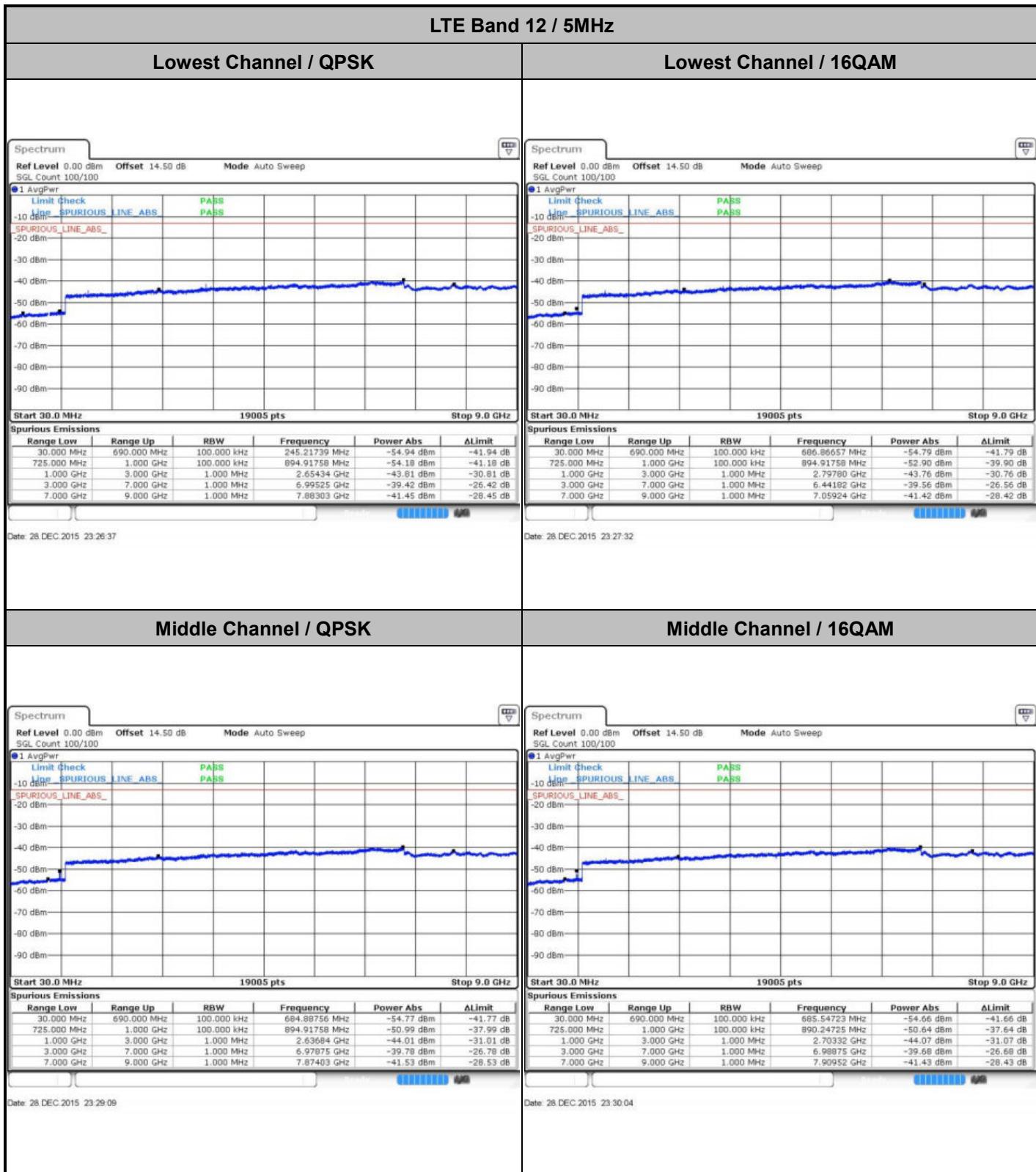


Date: 26.DEC.2015 23:02:54



Date: 26.DEC.2015 23:03:49







## LTE Band 12 / 5MHz

## Highest Channel / QPSK

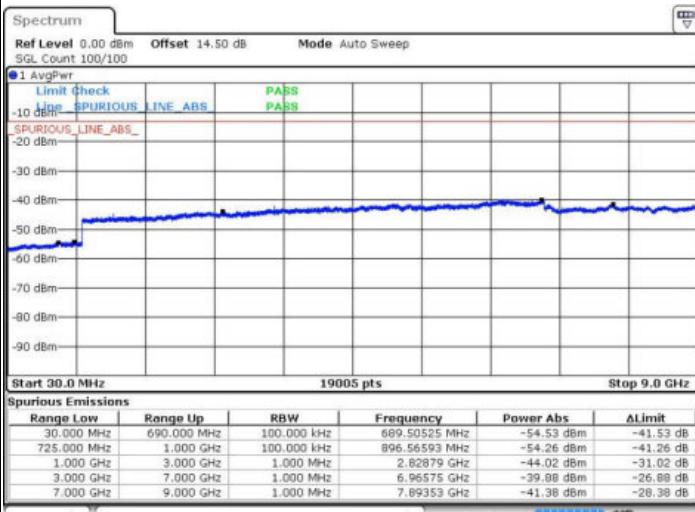
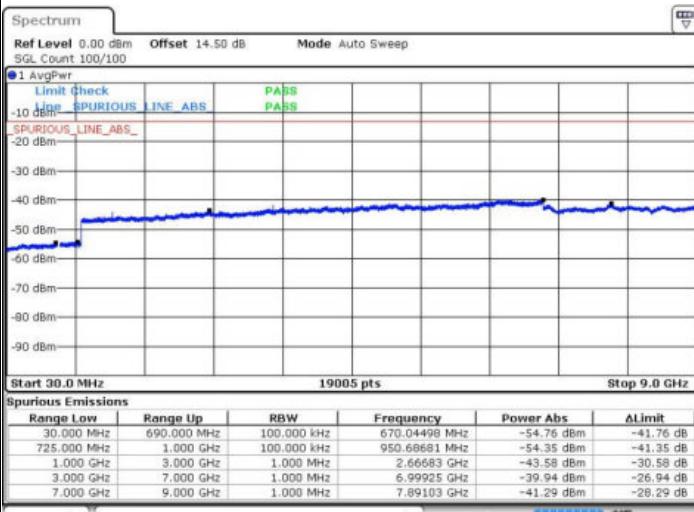
## Highest Channel / 16QAM

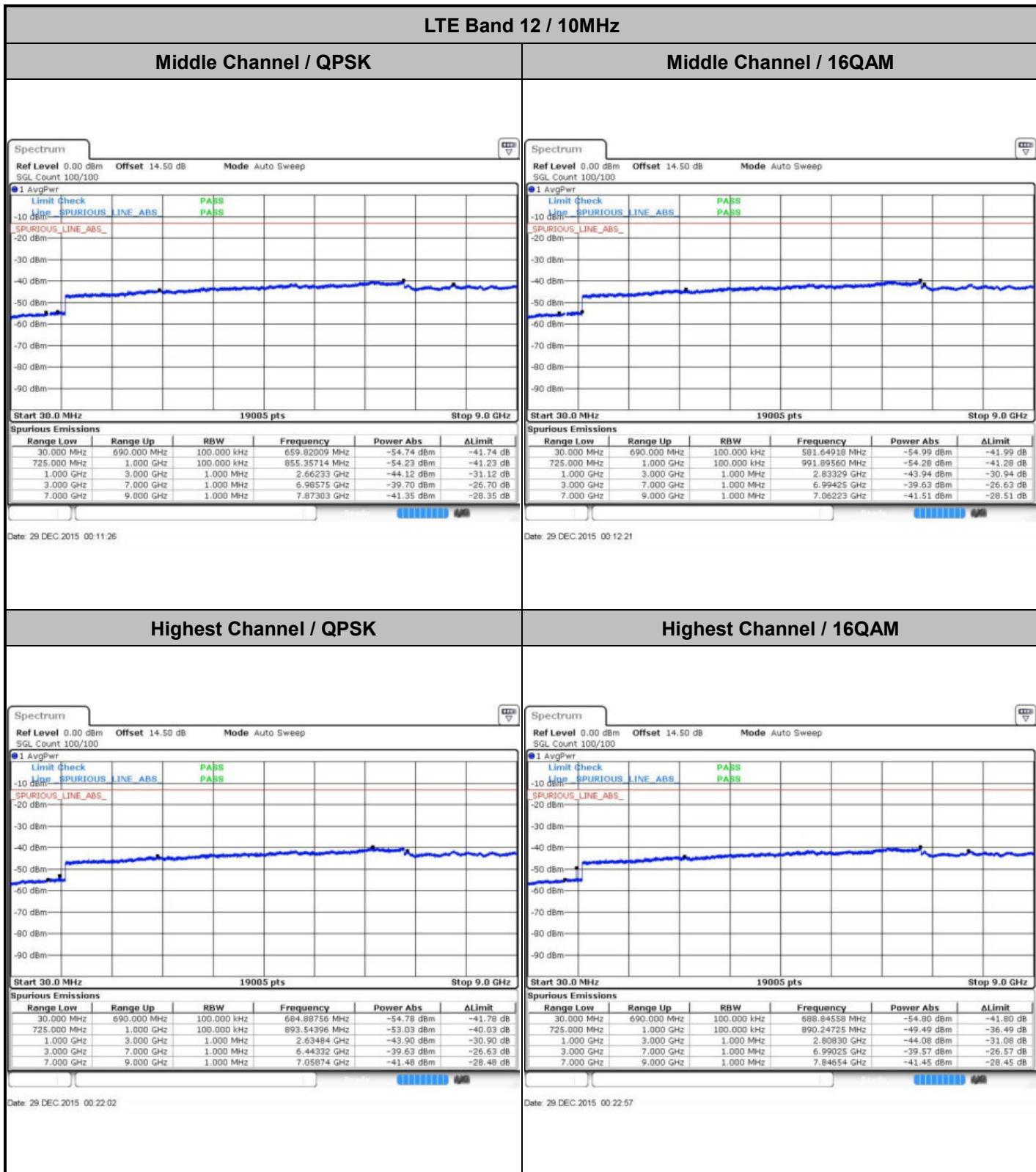


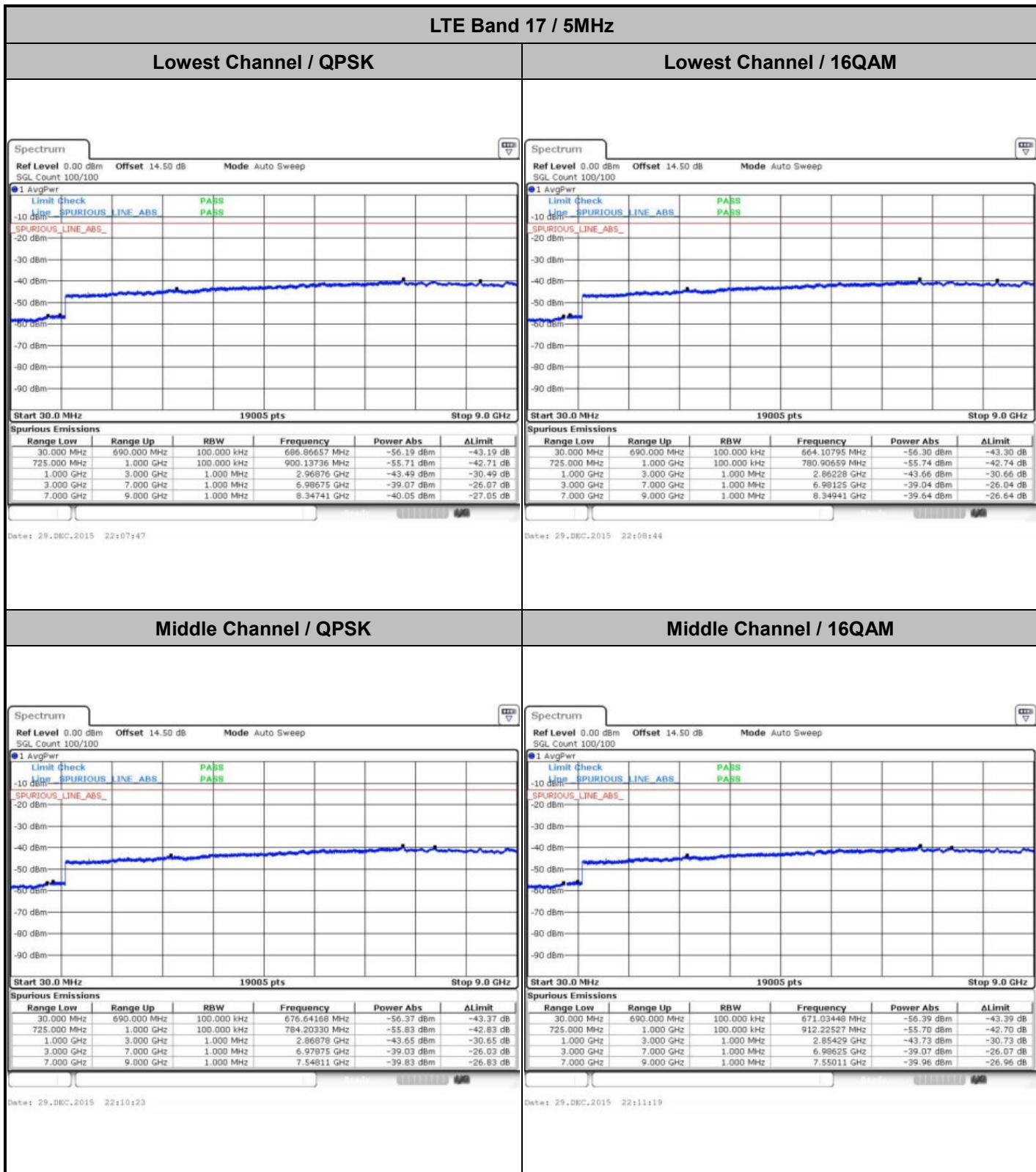
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





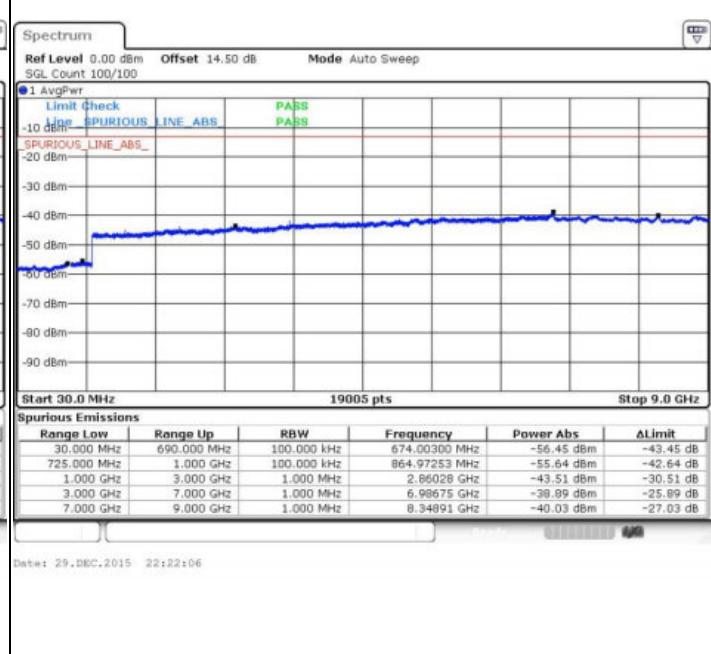
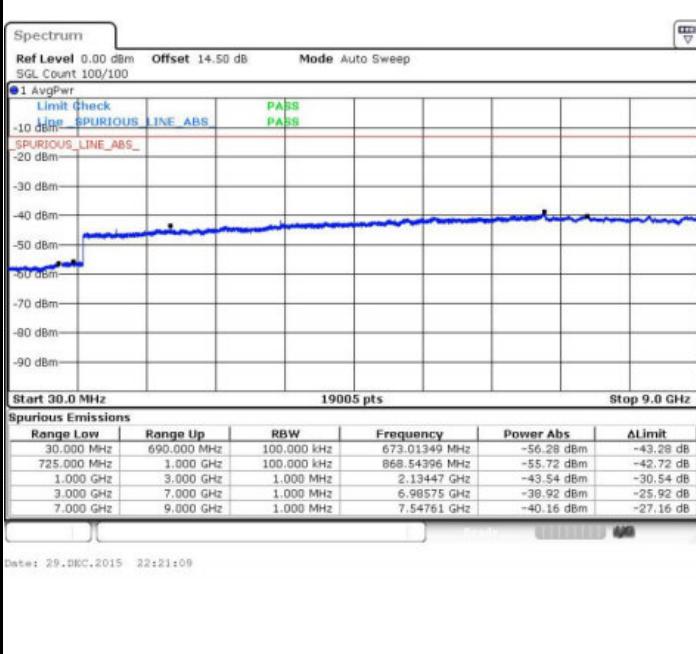




## LTE Band 17 / 5MHz

## Highest Channel / QPSK

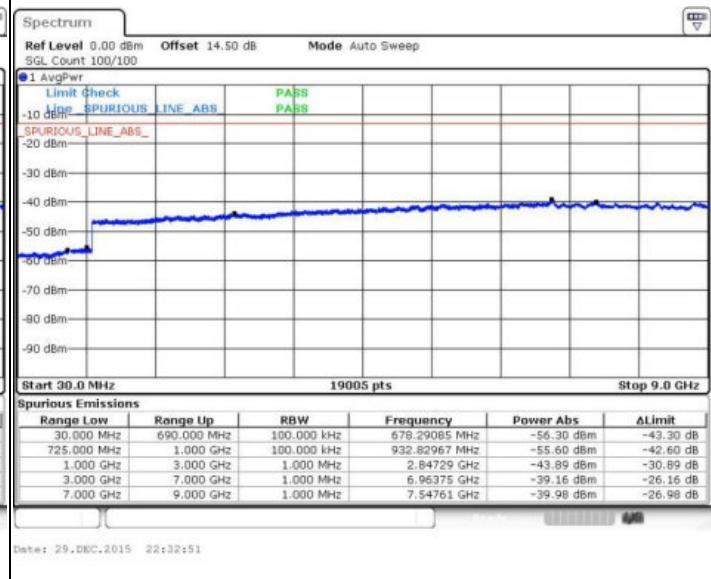
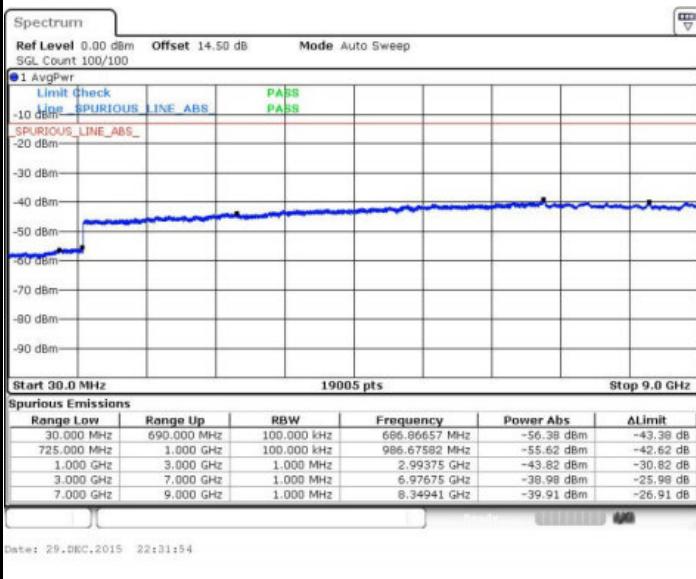
## Highest Channel / 16QAM

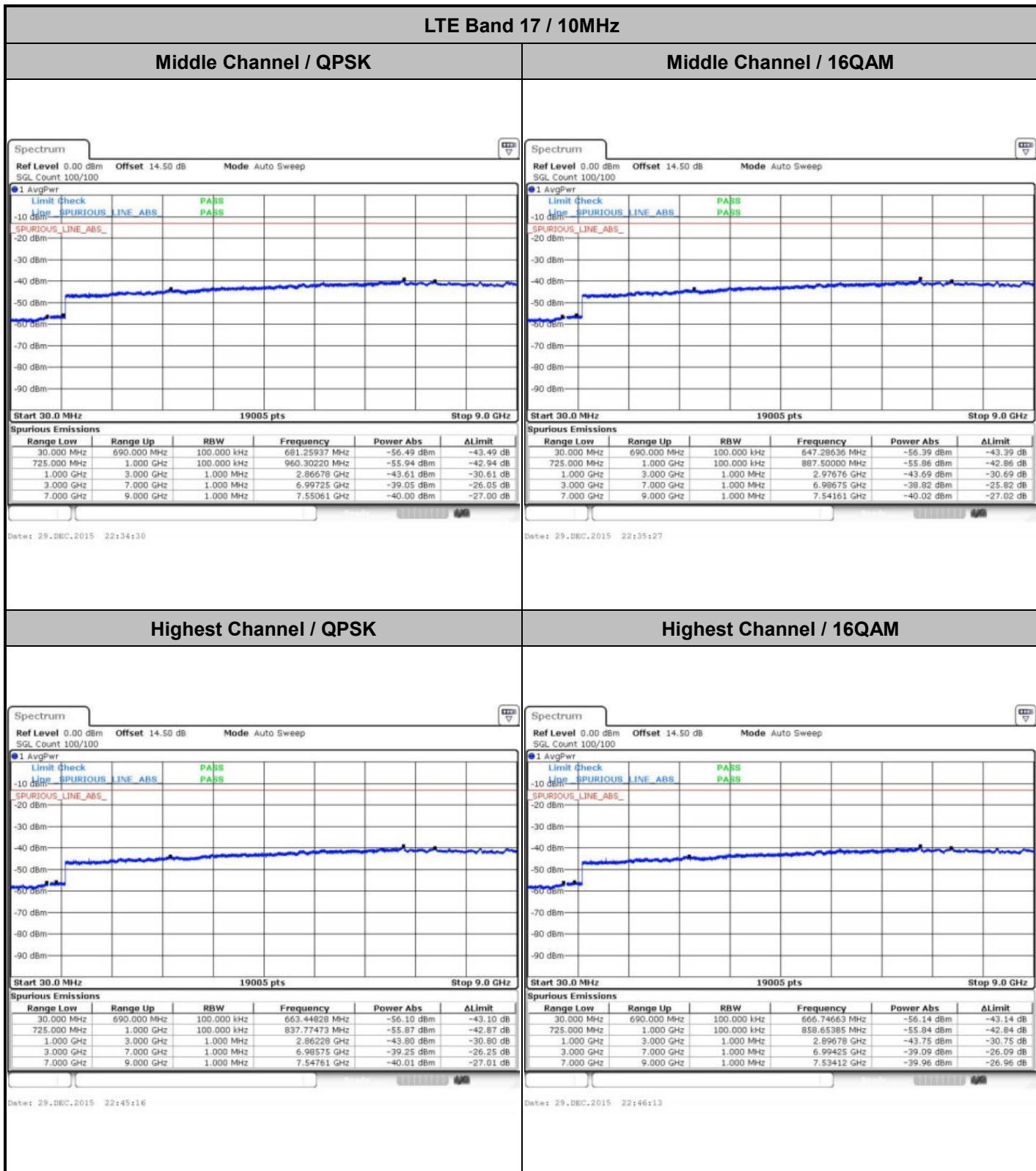


## LTE Band 17 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM







## 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	0.0021	PASS
40	Normal Voltage	0.0096	
30	Normal Voltage	0.0096	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0090	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0122	
-30	Normal Voltage	0.0112	
20	Maximum Voltage	0.0085	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0096	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0092	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0110	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0012	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0141	PASS
40	Normal Voltage	0.0089	
30	Normal Voltage	0.0073	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0087	
0	Normal Voltage	0.0126	
-10	Normal Voltage	0.0145	
-20	Normal Voltage	0.0153	
-30	Normal Voltage	0.0172	
20	Maximum Voltage	0.0073	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0047	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0184	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0226	
-10	Normal Voltage	0.0071	
-20	Normal Voltage	0.0099	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0042	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0183	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0197	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0085	
-20	Normal Voltage	0.0282	
-30	Normal Voltage	0.0239	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0056	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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 (Average)						
Channel	Modulation	RB		Horizontal		Vertical
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)
Lowest	QPSK	1	3	22.77	0.1893	22.88
Middle		1	0	23.58	0.2280	23.54
Highest		3	0	23.84	0.2422	23.73
Lowest	16QAM	1	5	21.93	0.1560	21.35
Middle		1	3	22.67	0.1850	22.69
Highest		1	3	22.76	0.1888	22.66
Limit	EIRP < 2W			Result		PASS

LTE Band 2 / 3MHz (Average)						
Channel	Modulation	RB		Horizontal		Vertical
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)
Lowest	QPSK	1	8	22.76	0.1887	22.90
Middle		1	8	23.76	0.2376	23.63
Highest		1	8	23.53	0.2253	23.44
Lowest	16QAM	1	0	21.78	0.1506	21.89
Middle		1	0	22.65	0.1843	22.62
Highest		1	0	22.92	0.1960	22.87
Limit	EIRP < 2W			Result		PASS



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.77	0.1892	22.98	0.1987
Middle		1	12	23.61	0.2298	23.68	0.2332
Highest		1	12	23.72	0.2357	23.63	0.2309
Lowest	16QAM	1	0	21.88	0.1543	21.99	0.1580
Middle		1	12	22.66	0.1845	22.17	0.1648
Highest		1	12	23.03	0.2009	22.56	0.1803
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.89	0.1945	22.97	0.1980
Middle		1	0	23.44	0.2207	23.43	0.2201
Highest		1	0	23.54	0.2258	23.57	0.2274
Lowest	16QAM	1	25	21.98	0.1578	22.05	0.1601
Middle		1	0	22.52	0.1787	22.48	0.1769
Highest		1	49	23.00	0.1995	22.90	0.1952
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.70	0.1861	22.80	0.1907
Middle		1	0	23.32	0.2150	23.39	0.2183
Highest		1	0	23.55	0.2265	23.48	0.2228
Lowest	16QAM	1	37	22.18	0.1653	22.20	0.1659
Middle		1	0	22.31	0.1702	21.75	0.1496
Highest		1	0	22.66	0.1845	22.18	0.1652
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.70	0.1861	22.81	0.1909
Middle		1	0	23.36	0.2169	23.38	0.2177
Highest		1	0	23.50	0.2240	23.58	0.2280
Lowest	16QAM	1	99	21.69	0.1474	22.30	0.1699
Middle		1	99	22.41	0.1742	22.84	0.1924
Highest		1	0	22.15	0.1641	22.12	0.1629
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	20.00	0.0999	19.12	0.0816
Middle		3	0	20.72	0.1180	19.48	0.0887
Highest		3	3	20.82	0.1209	19.78	0.0951
Lowest	16QAM	1	3	18.81	0.0761	17.61	0.0577
Middle		1	3	20.04	0.1008	18.66	0.0735
Highest		1	3	19.99	0.0998	18.62	0.0728
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	19.82	0.0958	18.90	0.0776
Middle		1	8	20.51	0.1125	19.20	0.0831
Highest		1	8	20.69	0.1173	19.61	0.0915
Lowest	16QAM	1	8	18.90	0.0776	17.62	0.0578
Middle		1	8	19.69	0.0931	17.99	0.0630
Highest		1	8	19.99	0.0998	18.42	0.0695
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	19.95	0.0989	18.94	0.0783
Middle		1	0	20.50	0.1121	19.16	0.0823
Highest		1	0	20.65	0.1161	19.48	0.0886
Lowest	16QAM	1	12	18.93	0.0782	17.66	0.0583
Middle		1	0	19.67	0.0927	18.07	0.0641
Highest		1	12	19.96	0.0992	18.55	0.0716
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	20.02	0.1005	18.74	0.0748
Middle		1	25	20.57	0.1139	19.00	0.0794
Highest		1	0	20.66	0.1163	19.19	0.0830
Lowest	16QAM	1	0	18.97	0.0788	17.89	0.0616
Middle		1	0	19.66	0.0924	18.28	0.0672
Highest		1	0	19.86	0.0968	17.97	0.0627
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.82	0.0960	19.00	0.0795
Middle		1	0	20.38	0.1093	19.24	0.0839
Highest		1	37	20.68	0.1171	19.26	0.0843
Lowest	16QAM	1	0	18.97	0.0789	17.83	0.0607
Middle		1	0	19.62	0.0916	18.13	0.0650
Highest		1	0	19.79	0.0952	18.30	0.0676
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.87	0.0970	19.01	0.0796
Middle		1	0	20.29	0.1068	19.12	0.0816
Highest		1	0	20.53	0.1131	19.23	0.0838
Lowest	16QAM	1	0	19.02	0.0798	17.87	0.0612
Middle		1	0	19.52	0.0895	18.07	0.0641
Highest		1	0	19.72	0.0938	18.06	0.0640
Limit	EIRP < 1W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.90	0.0977	19.67	0.0927
Middle		1	0	20.22	0.1052	20.00	0.1000
Highest		1	12	20.07	0.1016	19.96	0.0990
Lowest	16QAM	1	0	19.04	0.0802	18.81	0.0760
Middle		1	12	19.47	0.0884	19.22	0.0836
Highest		1	12	19.31	0.0853	19.17	0.0826
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	19.85	0.0966	19.49	0.0889
Middle		1	25	19.87	0.0970	19.64	0.0920
Highest		1	25	19.90	0.0977	19.78	0.0950
Lowest	16QAM	1	49	19.06	0.0806	18.70	0.0741
Middle		1	49	19.46	0.0884	19.14	0.0821
Highest		1	49	19.39	0.0868	19.19	0.0829
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	19.89	0.0976	19.64	0.0921
Middle		1	37	20.15	0.1035	19.90	0.0977
Highest		1	74	20.15	0.1035	19.90	0.0977
Lowest	16QAM	1	74	19.11	0.0815	18.80	0.0759
Middle		1	0	19.56	0.0903	19.23	0.0837
Highest		1	74	19.41	0.0872	19.18	0.0827
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	19.90	0.0976	19.67	0.0926
Middle		1	99	20.16	0.1038	19.88	0.0972
Highest		1	99	20.17	0.1039	19.90	0.0977
Lowest	16QAM	1	99	19.14	0.0821	18.91	0.0778
Middle		1	49	19.37	0.0866	19.07	0.0807
Highest		1	99	19.37	0.0866	19.13	0.0819
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	16.95	0.0495	0.02	0.0010
Middle		1	3	17.25	0.0531	0.70	0.0012
Highest		3	1	17.69	0.0587	1.49	0.0014
Lowest	16QAM	1	3	16.66	0.0463	0.85	0.0012
Middle		1	3	17.32	0.0540	1.60	0.0014
Highest		1	5	17.29	0.0536	1.63	0.0015
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	16.86	0.0485	-0.27	0.0009
Middle		1	14	17.18	0.0522	0.59	0.0011
Highest		1	8	17.47	0.0558	1.28	0.0013
Lowest	16QAM	1	8	16.08	0.0406	1.00	0.0013
Middle		1	0	17.21	0.0526	1.48	0.0014
Highest		1	0	17.44	0.0555	1.73	0.0015
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.96	0.0497	-0.83	0.0008
Middle		1	24	17.03	0.0505	-0.34	0.0009
Highest		1	12	17.43	0.0553	0.75	0.0012
Lowest	16QAM	1	12	16.16	0.0413	1.06	0.0013
Middle		1	24	16.57	0.0454	1.66	0.0015
Highest		1	12	16.81	0.0480	1.81	0.0015
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	17.03	0.0505	-0.46	0.0009
Middle		1	49	17.17	0.0521	-0.16	0.0010
Highest		1	49	17.00	0.0501	0.11	0.0010
Lowest	16QAM	1	0	16.72	0.0470	1.01	0.0013
Middle		1	25	17.18	0.0522	1.65	0.0015
Highest		1	25	16.75	0.0473	1.71	0.0015
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	18.10	0.0646	1.22	0.0013
Middle		1	12	18.08	0.0643	1.23	0.0013
Highest		1	0	18.06	0.0640	1.08	0.0013
Lowest	16QAM	1	24	17.13	0.0516	0.34	0.0011
Middle		1	12	17.24	0.0530	0.39	0.0011
Highest		1	0	17.26	0.0532	0.34	0.0011
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	18.15	0.0653	1.14	0.0013
Middle		1	49	18.16	0.0655	1.19	0.0013
Highest		1	49	17.89	0.0615	0.95	0.0012
Lowest	16QAM	1	25	17.15	0.0519	0.33	0.0011
Middle		1	49	17.31	0.0538	0.43	0.0011
Highest		1	25	17.24	0.0530	0.31	0.0011
Limit	ERP < 3W			Result		PASS	



## Radiated Spurious Emission

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	3702	-47.64	-13	-34.64	-61.84	-52.24	3.00	7.60	H
	5550	-28.57	-13	-15.57	-47.76	-34.83	3.84	10.10	H
	7401	-42.58	-13	-29.58	-62.36	-50.08	4.43	11.93	H
	3702	-49.83	-13	-36.83	-62.32	-54.43	3.00	7.60	V
	5550	-39.14	-13	-26.14	-54.71	-45.40	3.84	10.10	V
	7401	-42.92	-13	-29.92	-60.71	-50.42	4.43	11.93	V
Middle	3759	-49.31	-13	-36.31	-63.51	-53.91	3.00	7.60	H
	5640	-34.50	-13	-21.50	-52.21	-40.76	3.84	10.10	H
	7518	-43.80	-13	-30.80	-63.58	-51.30	4.43	11.93	H
	3759.1	-52.19	-13	-39.19	-64.68	-56.79	3.00	7.60	V
	5640	-34.36	-13	-21.36	-52.28	-40.62	3.84	10.10	V
	7518	-45.53	-13	-32.53	-63.32	-53.03	4.43	11.93	V
Highest	3816	-51.69	-13	-38.69	-65.89	-56.29	3.00	7.60	H
	5727	-39.96	-13	-26.96	-54.89	-46.22	3.84	10.10	H
	7635	-44.52	-13	-31.52	-64.30	-52.02	4.43	11.93	H
	3819	-50.25	-13	-37.25	-62.74	-54.85	3.00	7.60	V
	5727	-40.57	-13	-27.57	-55.57	-46.83	3.84	10.10	V
	7635	-45.58	-13	-32.58	-63.37	-53.08	4.43	11.93	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	3699	-46.42	-13	-33.42	-60.80	-51.02	3.00	7.60	H
	5550	-29.44	-13	-16.44	-48.40	-35.70	3.84	10.10	H
	7401	-42.50	-13	-29.50	-62.28	-50.00	4.43	11.93	H
	3702	-50.56	-13	-37.56	-63.05	-55.16	3.00	7.60	V
	5550	-39.76	-13	-26.76	-55.06	-46.02	3.84	10.10	V
	7401	-43.68	-13	-30.68	-61.47	-51.18	4.43	11.93	V
Middle	3757.48	-51.81	-13	-38.81	-66.01	-56.41	3.00	7.60	H
	5637	-32.16	-13	-19.16	-50.36	-38.42	3.84	10.10	H
	7515	-43.36	-13	-30.36	-63.14	-50.86	4.43	11.93	H
	3756	-52.49	-13	-39.49	-64.98	-57.09	3.00	7.60	V
	5637	-39.62	-13	-26.62	-54.98	-45.88	3.84	10.10	V
	7515	-45.32	-13	-32.32	-63.11	-52.82	4.43	11.93	V
Highest	3814	-51.49	-13	-38.49	-65.69	-56.09	3.00	7.60	H
	5721	-42.14	-13	-29.14	-55.93	-48.40	3.84	10.10	H
	7629	-42.65	-13	-29.65	-62.43	-50.15	4.43	11.93	H
	3816	-50.31	-13	-37.31	-62.8	-54.91	3.00	7.60	V
	5721	-43.05	-13	-30.05	-56.25	-49.31	3.84	10.10	V
	7629	-46.21	-13	-33.21	-64	-53.71	4.43	11.93	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	3699	-46.29	-13	-33.29	-60.71	-50.89	3.00	7.60	H
	5550	-31.05	-13	-18.05	-49.31	-37.31	3.84	10.10	H
	7401	-42.44	-13	-29.44	-62.22	-49.94	4.43	11.93	H
	3700.68	-50.94	-13	-37.94	-63.43	-55.54	3.00	7.60	V
	5550	-33.74	-13	-20.74	-51.86	-40.00	3.84	10.10	V
	7401	-44.18	-13	-31.18	-61.97	-51.68	4.43	11.93	V
Middle	3755.68	-51.10	-13	-38.10	-65.30	-55.70	3.00	7.60	H
	5634	-31.74	-13	-18.74	-49.99	-38.00	3.84	10.10	H
	7512	-42.88	-13	-29.88	-62.66	-50.38	4.43	11.93	H
	3755.68	-51.49	-13	-38.49	-63.98	-56.09	3.00	7.60	V
	5634	-35.37	-13	-22.37	-52.88	-41.63	3.84	10.10	V
	7512	-45.79	-13	-32.79	-63.58	-53.29	4.43	11.93	V
Highest	3810	-51.58	-13	-38.58	-65.78	-56.18	3.00	7.60	H
	5715	-42.89	-13	-29.89	-56.68	-49.15	3.84	10.10	H
	7620	-44.00	-13	-31.00	-63.78	-51.50	4.43	11.93	H
	3810	-51.94	-13	-38.94	-64.43	-56.54	3.00	7.60	V
	5715	-37.71	-13	-24.71	-54.08	-43.97	3.84	10.10	V
	7620	-46.45	-13	-33.45	-64.24	-53.95	4.43	11.93	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	3702	-46.66	-13	-33.66	-60.97	-51.26	3.00	7.60	H
	5553	-29.09	-13	-16.09	-48.08	-35.35	3.84	10.10	H
	7401	-41.58	-13	-28.58	-61.36	-49.08	4.43	11.93	H
	3701.18	-51.68	-13	-38.68	-64.17	-56.28	3.00	7.60	V
	5553	-40.21	-13	-27.21	-55.33	-46.47	3.84	10.10	V
	7401	-43.66	-13	-30.66	-61.45	-51.16	4.43	11.93	V
Middle	3751.18	-50.99	-13	-37.99	-65.19	-55.59	3.00	7.60	H
	5628	-31.29	-13	-18.29	-49.55	-37.55	3.84	10.10	H
	7503	-44.27	-13	-31.27	-64.05	-51.77	4.43	11.93	H
	3751.18	-51.32	-13	-38.32	-63.81	-55.92	3.00	7.60	V
	5628	-36.14	-13	-23.14	-53.3	-42.40	3.84	10.10	V
	7503	-45.52	-13	-32.52	-63.31	-53.02	4.43	11.93	V
Highest	3801	-50.63	-13	-37.63	-64.83	-55.23	3.00	7.60	H
	5703	-43.00	-13	-30.00	-56.79	-49.26	3.84	10.10	H
	7602	-41.86	-13	-28.86	-61.64	-49.36	4.43	11.93	H
	3801	-51.73	-13	-38.73	-64.22	-56.33	3.00	7.60	V
	5703	-36.04	-13	-23.04	-53.26	-42.30	3.84	10.10	V
	7602	-44.22	-13	-31.22	-62.01	-51.72	4.43	11.93	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	3702	-45.59	-13	-32.59	-60.36	-50.19	3.00	7.60	H
	5553	-26.19	-13	-13.19	-46.71	-32.45	3.84	10.10	H
	7404	-41.05	-13	-28.05	-60.83	-48.55	4.43	11.93	H
	3701.68	-50.46	-13	-37.46	-62.95	-55.06	3.00	7.60	V
	5553	-38.60	-13	-25.60	-54.48	-44.86	3.84	10.10	V
	7404	-42.57	-13	-29.57	-60.36	-50.07	4.43	11.93	V
Middle	3746.68	-49.18	-13	-36.18	-63.38	-53.78	3.00	7.60	H
	5622	-34.94	-13	-21.94	-52.52	-41.20	3.84	10.10	H
	7494	-43.86	-13	-30.86	-63.64	-51.36	4.43	11.93	H
	3747	-50.97	-13	-37.97	-63.46	-55.57	3.00	7.60	V
	5619	-39.96	-13	-26.96	-55.17	-46.22	3.84	10.10	V
	7494	-45.57	-13	-32.57	-63.36	-53.07	4.43	11.93	V
Highest	3792	-51.36	-13	-38.36	-65.56	-55.96	3.00	7.60	H
	5688	-32.94	-13	-19.94	-50.92	-39.20	3.84	10.10	H
	7584	-43.74	-13	-30.74	-63.52	-51.24	4.43	11.93	H
	3791.68	-50.91	-13	-37.91	-63.4	-55.51	3.00	7.60	V
	5688	-35.60	-13	-22.60	-53.01	-41.86	3.84	10.10	V
	7584	-45.35	-13	-32.35	-63.14	-52.85	4.43	11.93	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	3702	-49.26	-13	-36.26	-63.46	-53.86	3.00	7.60	H
	5553	-31.03	-13	-18.03	-49.29	-37.29	3.84	10.10	H
	7404	-41.63	-13	-28.63	-61.41	-49.13	4.43	11.93	H
	3702	-49.21	-13	-36.21	-61.7	-53.81	3.00	7.60	V
	5553	-36.00	-13	-23.00	-53.24	-42.26	3.84	10.10	V
	7404	-44.00	-13	-31.00	-61.79	-51.50	4.43	11.93	V
Middle	3741	-51.40	-13	-38.40	-65.60	-56.00	3.00	7.60	H
	5613	-32.09	-13	-19.09	-50.31	-38.35	3.84	10.10	H
	7485	-43.02	-13	-30.02	-62.80	-50.52	4.43	11.93	H
	3742.18	-52.28	-13	-39.28	-64.77	-56.88	3.00	7.60	V
	5613	-38.42	-13	-25.42	-54.41	-44.68	3.84	10.10	V
	7485	-44.65	-13	-31.65	-62.44	-52.15	4.43	11.93	V
Highest	3783	-50.11	-13	-37.11	-64.31	-54.71	3.00	7.60	H
	5673	-29.81	-13	-16.81	-48.75	-36.07	3.84	10.10	H
	7563	-43.87	-13	-30.87	-63.65	-51.37	4.43	11.93	H
	3783	-52.54	-13	-39.54	-65.03	-57.14	3.00	7.60	V
	5673	-36.42	-13	-23.42	-53.42	-42.68	3.84	10.10	V
	7563	-46.07	-13	-33.07	-63.86	-53.57	4.43	11.93	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	-47.90	-13	-34.90	-56.45	-52.88	2.51	7.49	H
	5130	-32.78	-13	-19.78	-47.64	-39.25	2.98	9.45	H
	6840	-44.03	-13	-31.03	-61.15	-50.10	5.28	11.35	H
	3420	-51.33	-13	-38.33	-58.42	-56.31	2.51	7.49	V
	5130	-39.24	-13	-26.24	-54.86	-45.71	2.98	9.45	V
	6840	-46.18	-13	-33.18	-63.21	-52.25	5.28	11.35	V
Middle	3507	-50.71	-13	-37.71	-58.95	-55.69	2.51	7.49	H
	5262	-38.37	-13	-25.37	-53.11	-44.84	2.98	9.45	H
	7017	-57.76	-13	-44.76	-74.55	-63.83	5.28	11.35	H
	3507	-52.70	-13	-39.70	-59.64	-57.68	2.51	7.49	V
	5262	-39.27	-13	-26.27	-54.89	-45.74	2.98	9.45	V
	7017	-57.37	-13	-44.37	-74.4	-63.44	5.28	11.35	V
Highest	3507	-48.04	-13	-35.04	-56.57	-53.02	2.51	7.49	H
	5262	-37.46	-13	-24.46	-52.24	-43.93	2.98	9.45	H
	7017	-50.09	-13	-37.09	-66.88	-56.16	5.28	11.35	H
	3507	-49.19	-13	-36.19	-56.56	-54.17	2.51	7.49	V
	5262	-39.20	-13	-26.20	-54.82	-45.67	2.98	9.45	V
	7017	-50.09	-13	-37.09	-67.12	-56.16	5.28	11.35	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	-46.97	-13	-33.97	-55.67	-51.95	2.51	7.49	H
	5130	-32.97	-13	-19.97	-47.84	-39.44	2.98	9.45	H
	6837	-45.40	-13	-32.40	-62.19	-51.47	5.28	11.35	H
	3420	-51.87	-13	-38.87	-58.93	-56.85	2.51	7.49	V
	5130	-37.53	-13	-24.53	-53.38	-44.00	2.98	9.45	V
	6840	-48.47	-13	-35.47	-65.5	-54.54	5.28	11.35	V
Middle	3462	-51.02	-13	-38.02	-59.21	-56.00	2.51	7.49	H
	5193	-40.41	-13	-27.41	-54.94	-46.88	2.98	9.45	H
	6924	-49.15	-13	-36.15	-65.94	-55.22	5.28	11.35	H
	3462	-54.22	-13	-41.22	-60.93	-59.20	2.51	7.49	V
	5193	-41.64	-13	-28.64	-57.11	-48.11	2.98	9.45	V
	6924	-50.51	-13	-37.51	-67.54	-56.58	5.28	11.35	V
Highest	3504	-45.81	-13	-32.81	-54.48	-50.79	2.51	7.49	H
	5256	-36.35	-13	-23.35	-51.17	-42.82	2.98	9.45	H
	7008	-50.56	-13	-37.56	-67.35	-56.63	5.28	11.35	H
	3504	-47.50	-13	-34.50	-55.19	-52.48	2.51	7.49	V
	5256	-38.65	-13	-25.65	-54.33	-45.12	2.98	9.45	V
	7008	-49.76	-13	-36.76	-66.79	-55.83	5.28	11.35	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	-47.13	-13	-34.13	-55.81	-52.11	2.51	7.49	H
	5130	-32.65	-13	-19.65	-47.50	-39.12	2.98	9.45	H
	6840	-46.92	-13	-33.92	-63.71	-52.99	5.28	11.35	H
	3420	-51.24	-13	-38.24	-58.33	-56.22	2.51	7.49	V
	5130	-38.56	-13	-25.56	-54.25	-45.03	2.98	9.45	V
	6843	-47.15	-13	-34.15	-64.18	-53.22	5.28	11.35	V
Middle	3462	-52.39	-13	-39.39	-60.39	-57.37	2.51	7.49	H
	5190	-41.00	-13	-28.00	-55.54	-47.47	2.98	9.45	H
	6921	-50.88	-13	-37.88	-67.67	-56.95	5.28	11.35	H
	3462	-52.95	-13	-39.95	-59.85	-57.93	2.51	7.49	V
	5190	-43.92	-13	-30.92	-59.11	-50.39	2.98	9.45	V
	6921	-51.09	-13	-38.09	-68.12	-57.16	5.28	11.35	V
Highest	3501	-45.90	-13	-32.90	-54.56	-50.88	2.51	7.49	H
	5250	-34.36	-13	-21.36	-49.19	-40.83	2.98	9.45	H
	7002	-47.77	-13	-34.77	-64.56	-53.84	5.28	11.35	H
	3501	-49.00	-13	-36.00	-56.35	-53.98	2.51	7.49	V
	5250	-35.46	-13	-22.46	-50.86	-41.93	2.98	9.45	V
	7002	-48.81	-13	-35.81	-65.84	-54.88	5.28	11.35	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	-43.03	-13	-30.03	-51.88	-48.01	2.51	7.49	H
	5133	-31.90	-13	-18.90	-46.72	-38.37	2.98	9.45	H
	6843	-46.42	-13	-33.42	-63.21	-52.49	5.28	11.35	H
	3423	-50.34	-13	-37.34	-57.65	-55.32	2.51	7.49	V
	5133	-37.85	-13	-24.85	-53.66	-44.32	2.98	9.45	V
	6843	-47.44	-13	-34.44	-64.47	-53.51	5.28	11.35	V
Middle	3456	-50.24	-13	-37.24	-58.56	-55.22	2.51	7.49	H
	5184	-35.35	-13	-22.35	-50.16	-41.82	2.98	9.45	H
	6912	-51.10	-13	-38.10	-67.89	-57.17	5.28	11.35	H
	3456	-56.15	-13	-43.15	-62.32	-61.13	2.51	7.49	V
	5184	-42.10	-13	-29.10	-57.5	-48.57	2.98	9.45	V
	6912	-51.84	-13	-38.84	-68.87	-57.91	5.28	11.35	V
Highest	3492	-43.65	-13	-30.65	-52.50	-48.63	2.51	7.49	H
	5238	-32.28	-13	-19.28	-47.11	-38.75	2.98	9.45	H
	6984	-48.97	-13	-35.97	-65.76	-55.04	5.28	11.35	H
	3492	-47.78	-13	-34.78	-55.44	-52.76	2.51	7.49	V
	5238	-35.02	-13	-22.02	-50.03	-41.49	2.98	9.45	V
	6984	-48.39	-13	-35.39	-65.42	-54.46	5.28	11.35	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	3423	-46.77	-13	-33.77	-55.46	-51.75	2.51	7.49	H
	5133	-31.16	-13	-18.16	-45.99	-37.63	2.98	9.45	H
	6843	-47.97	-13	-34.97	-64.76	-54.04	5.28	11.35	H
	3423	-51.75	-13	-38.75	-58.82	-56.73	2.51	7.49	V
	5133	-35.37	-13	-22.37	-50.7	-41.84	2.98	9.45	V
	6843	-46.58	-13	-33.58	-63.61	-52.65	5.28	11.35	V
Middle	3453	-50.95	-13	-37.95	-59.15	-55.93	2.51	7.49	H
	5178	-39.79	-13	-26.79	-54.35	-46.26	2.98	9.45	H
	6903	-51.81	-13	-38.81	-68.60	-57.88	5.28	11.35	H
	3453	-54.01	-13	-41.01	-60.79	-58.99	2.51	7.49	V
	5178	-39.99	-13	-26.99	-55.61	-46.46	2.98	9.45	V
	6903	-52.29	-13	-39.29	-69.32	-58.36	5.28	11.35	V
Highest	3483	-47.69	-13	-34.69	-56.28	-52.67	2.51	7.49	H
	5223	-35.22	-13	-22.22	-50.03	-41.69	2.98	9.45	H
	6963	-48.05	-13	-35.05	-64.84	-54.12	5.28	11.35	H
	3483	-51.25	-13	-38.25	-58.34	-56.23	2.51	7.49	V
	5223	-36.69	-13	-23.69	-52.59	-43.16	2.98	9.45	V
	6963	-48.29	-13	-35.29	-65.32	-54.36	5.28	11.35	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	3423	-43.37	-13	-30.37	-52.22	-48.35	2.51	7.49	H
	5133	-33.55	-13	-20.55	-48.41	-40.02	2.98	9.45	H
	6846	-44.27	-13	-31.27	-61.31	-50.34	5.28	11.35	H
	3423	-51.47	-13	-38.47	-58.55	-56.45	2.51	7.49	V
	5133	-39.59	-13	-26.59	-55.21	-46.06	2.98	9.45	V
	6843	-47.82	-13	-34.82	-64.85	-53.89	5.28	11.35	V
Middle	3447	-49.34	-13	-36.34	-57.80	-54.32	2.51	7.49	H
	5172	-39.34	-13	-26.34	-53.98	-45.81	2.98	9.45	H
	6894	-51.59	-13	-38.59	-68.38	-57.66	5.28	11.35	H
	3447	-52.83	-13	-39.83	-59.75	-57.81	2.51	7.49	V
	5172	-40.19	-13	-27.19	-55.8	-46.66	2.98	9.45	V
	6894	-51.07	-13	-38.07	-68.1	-57.14	5.28	11.35	V
Highest	3474	-50.49	-13	-37.49	-58.77	-55.47	2.51	7.49	H
	5208	-34.44	-13	-21.44	-49.27	-40.91	2.98	9.45	H
	6945	-47.72	-13	-34.72	-64.51	-53.79	5.28	11.35	H
	3471	-52.97	-13	-39.97	-59.87	-57.95	2.51	7.49	V
	5208	-39.11	-13	-26.11	-54.73	-45.58	2.98	9.45	V
	6945	-50.25	-13	-37.25	-67.28	-56.32	5.28	11.35	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	5064	-37.17	-25	-12.17	-51.97	-44.89	1.56	9.27	H
	7600	-34.04	-25	-9.04	-54.44	-42.09	4.31	12.36	H
	10132	-42.02	-25	-17.02	-64.87	-50.21	4.21	12.40	H
	5064	-33.21	-25	-8.21	-45.67	-40.92	1.56	9.27	V
	7600	-36.97	-25	-11.97	-58.08	-45.02	4.31	12.36	V
	10124	-43.28	-25	-18.28	-68	-51.47	4.21	12.40	V
Middle	5064	-37.19	-25	-12.19	-51.99	-44.90	1.56	9.27	H
	7600	-34.14	-25	-9.14	-54.53	-42.19	4.31	12.36	H
	10132	-42.34	-25	-17.34	-65.20	-50.53	4.21	12.40	H
	5064	-32.23	-25	-7.23	-44.7	-39.95	1.56	9.27	V
	7600	-35.66	-25	-10.66	-56.84	-43.71	4.31	12.36	V
	10132	-42.25	-25	-17.25	-66.97	-50.44	4.21	12.40	V
Highest	5132	-34.57	-25	-9.57	-49.17	-42.28	1.56	9.27	H
	7696	-32.80	-25	-7.80	-53.26	-40.85	4.31	12.36	H
	10264	-46.49	-25	-21.49	-68.12	-54.68	4.21	12.40	H
	5132	-31.72	-25	-6.72	-44.19	-39.44	1.56	9.27	V
	7696	-34.15	-25	-9.15	-55.35	-42.20	4.31	12.36	V
	10264	-43.37	-25	-18.37	-68.09	-51.56	4.21	12.40	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	5000	-38.64	-25	-13.64	-53.55	-46.36	1.56	9.27	H
	7500	-36.64	-25	-11.64	-56.81	-44.69	4.31	12.36	H
	10004	-43.82	-25	-18.82	-66.24	-52.01	4.21	12.40	H
	5000	-37.46	-25	-12.46	-49.9	-45.18	1.56	9.27	V
	7500	-35.26	-25	-10.26	-56.42	-43.31	4.31	12.36	V
	10000	-43.34	-25	-18.34	-68.06	-51.53	4.21	12.40	V
Middle	5060	-38.10	-25	-13.10	-52.97	-45.82	1.56	9.27	H
	7592	-34.58	-25	-9.58	-54.93	-42.63	4.31	12.36	H
	10124	-44.07	-25	-19.07	-66.39	-52.26	4.21	12.40	H
	5060	-31.65	-25	-6.65	-44.12	-39.37	1.56	9.27	V
	7592	-34.81	-25	-9.81	-55.97	-42.86	4.31	12.36	V
	10120	-44.93	-25	-19.93	-69.65	-53.12	4.21	12.40	V
Highest	5120	-33.59	-25	-8.59	-48.12	-41.30	1.56	9.27	H
	7680	-31.31	-25	-6.31	-51.92	-39.36	4.31	12.36	H
	10240	-46.81	-25	-21.81	-68.37	-55.00	4.21	12.40	H
	5120	-29.33	-25	-4.33	-41.81	-37.04	1.56	9.27	V
	7680	-33.55	-25	-8.55	-54.8	-41.60	4.31	12.36	V
	10240	-43.57	-25	-18.57	-68.29	-51.76	4.21	12.40	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	5056	-36.17	-25	-11.17	-50.89	-43.88	1.56	9.27	H
	7584	-33.17	-25	-8.17	-53.60	-41.22	4.31	12.36	H
	10112	-41.16	-25	-16.16	-64.34	-49.35	4.21	12.40	H
	5056	-34.33	-25	-9.33	-46.78	-42.04	1.56	9.27	V
	7584	-35.54	-25	-10.54	-56.72	-43.59	4.31	12.36	V
	10124	-44.25	-25	-19.25	-68.97	-52.44	4.21	12.40	V
Middle	5056	-36.45	-25	-11.45	-51.19	-44.16	1.56	9.27	H
	7584	-32.85	-25	-7.85	-53.30	-40.90	4.31	12.36	H
	10116	-43.84	-25	-18.84	-66.25	-52.03	4.21	12.40	H
	5056	-30.70	-25	-5.70	-43.17	-38.41	1.56	9.27	V
	7584	-35.41	-25	-10.41	-56.58	-43.46	4.31	12.36	V
	10116	-44.37	-25	-19.37	-69.09	-52.56	4.21	12.40	V
Highest	5112	-35.88	-25	-10.88	-50.58	-43.59	1.56	9.27	H
	7668	-33.45	-25	-8.45	-53.87	-41.50	4.31	12.36	H
	10224	-44.85	-25	-19.85	-67.08	-53.04	4.21	12.40	H
	5112	-28.96	-25	-3.96	-41.44	-36.67	1.56	9.27	V
	7668	-33.46	-25	-8.46	-54.72	-41.51	4.31	12.36	V
	10224	-43.35	-25	-18.35	-68.07	-51.54	4.21	12.40	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	5052	-33.71	-25	-8.71	-48.25	-41.42	1.56	9.27	H
	7580	-32.56	-25	-7.56	-53.05	-40.61	4.31	12.36	H
	10068	-47.34	-25	-22.34	-68.64	-55.53	4.21	12.40	H
	5052	-31.71	-25	-6.71	-44.18	-39.43	1.56	9.27	V
	7580	-35.26	-25	-10.26	-56.42	-43.31	4.31	12.36	V
	10068	-43.06	-25	-18.06	-67.78	-51.25	4.21	12.40	V
Middle	5052	-35.59	-25	-10.59	-50.27	-43.30	1.56	9.27	H
	7580	-34.08	-25	-9.08	-54.48	-42.13	4.31	12.36	H
	10104	-44.28	-25	-19.28	-66.57	-52.47	4.21	12.40	H
	5052	-33.21	-25	-8.21	-45.67	-40.92	1.56	9.27	V
	7580	-35.02	-25	-10.02	-56.17	-43.07	4.31	12.36	V
	10104	-43.02	-25	-18.02	-67.74	-51.21	4.21	12.40	V
Highest	5104	-38.59	-25	-13.59	-53.49	-46.30	1.56	9.27	H
	7652	-35.40	-25	-10.40	-55.66	-43.45	4.31	12.36	H
	10204	-44.88	-25	-19.88	-67.11	-53.07	4.21	12.40	H
	5104	-32.83	-25	-7.83	-45.29	-40.54	1.56	9.27	V
	7652	-38.58	-25	-13.58	-59.53	-46.63	4.31	12.36	V
	10204	-42.91	-25	-17.91	-67.63	-51.10	4.21	12.40	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	1398	-60.13	-13	-47.13	-60.60	-62.02	0.84	4.88	H
	2098	-51.18	-13	-38.18	-56.20	-53.82	1.14	5.93	H
	2798	-51.88	-13	-38.88	-56.61	-55.06	1.33	6.66	H
	3498	-56.18	-13	-43.18	-61.36	-60.14	1.45	7.56	H
	4196.04	-55.71	-13	-42.71	-64.63	-60.11	1.50	8.05	H
	1398	-60.27	-13	-47.27	-61.07	-62.16	0.84	4.88	V
	2098	-48.65	-13	-35.65	-54.39	-51.29	1.14	5.93	V
	2798	-50.73	-13	-37.73	-57.94	-53.91	1.33	6.66	V
	3495	-55.41	-13	-42.41	-62.19	-59.37	1.45	7.56	V
	4197	-50.92	-13	-37.92	-60.77	-55.32	1.50	8.05	V
Middle	1414	-54.24	-13	-41.24	-55.02	-56.13	0.84	4.88	H
	2122	-48.98	-13	-35.98	-54.08	-51.62	1.14	5.93	H
	2828	-52.95	-13	-39.95	-57.68	-56.13	1.33	6.66	H
	3537	-54.00	-13	-41.00	-59.18	-57.96	1.45	7.56	H
	4242	-55.86	-13	-42.86	-64.78	-60.26	1.50	8.05	H
	1414	-53.17	-13	-40.17	-55.00	-55.06	0.84	4.88	V
	2122	-46.59	-13	-33.59	-52.66	-49.23	1.14	5.93	V
	2828	-49.58	-13	-36.58	-56.82	-52.76	1.33	6.66	V
	3537	-49.60	-13	-36.60	-56.92	-53.56	1.45	7.56	V
	4242	-49.61	-13	-36.61	-59.58	-54.01	1.50	8.05	V
Highest	1430	-49.42	-13	-36.42	-50.51	-51.31	0.84	4.88	H
	2146	-46.91	-13	-33.91	-52.16	-49.55	1.14	5.93	H
	2860	-47.09	-13	-34.09	-52.21	-50.27	1.33	6.66	H
	3573	-48.36	-13	-35.36	-54.01	-52.32	1.45	7.56	H
	4290	-54.58	-13	-41.58	-63.50	-58.98	1.5	8.05	H
	1430	-48.83	-13	-35.83	-51.06	-50.72	0.84	4.88	V
	2144	-43.95	-13	-30.95	-50.14	-46.59	1.14	5.93	V
	2860	-43.01	-13	-30.01	-50.12	-46.19	1.33	6.66	V
	3576	-48.12	-13	-35.12	-55.57	-52.08	1.45	7.56	V
	4290	-49.57	-13	-36.57	-59.55	-53.97	1.5	8.05	V

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



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	1398	-60.88	-13	-47.88	-61.35	-62.77	0.84	4.88	H
	2098	-51.47	-13	-38.47	-56.48	-54.11	1.14	5.93	H
	2798	-53.89	-13	-40.89	-58.62	-57.07	1.33	6.66	H
	3495	-56.37	-13	-43.37	-61.55	-60.33	1.45	7.56	H
	4197	-56.64	-13	-43.64	-65.56	-61.04	1.50	8.05	H
	1398	-60.02	-13	-47.02	-60.89	-61.91	0.84	4.88	V
	2098	-48.00	-13	-35.00	-53.86	-50.64	1.14	5.93	V
	2798	-51.49	-13	-38.49	-58.71	-54.67	1.33	6.66	V
	3495	-55.89	-13	-42.89	-62.67	-59.85	1.45	7.56	V
	4197	-51.38	-13	-38.38	-61.23	-55.78	1.50	8.05	V
Middle	1412	-54.54	-13	-41.54	-55.31	-56.43	0.84	4.88	H
	2120	-50.22	-13	-37.22	-55.28	-52.86	1.14	5.93	H
	2826	-49.92	-13	-36.92	-54.66	-53.10	1.33	6.66	H
	3531	-51.98	-13	-38.98	-57.43	-55.94	1.45	7.56	H
	4236	-56.47	-13	-43.47	-65.39	-60.87	1.5	8.05	H
	1412	-53.76	-13	-40.76	-55.60	-55.65	0.84	4.88	V
	2120	-46.94	-13	-33.94	-53.00	-49.58	1.14	5.93	V
	2826	-49.26	-13	-36.26	-56.66	-52.44	1.33	6.66	V
	3531	-51.20	-13	-38.20	-58.25	-55.16	1.45	7.56	V
	4236	-49.37	-13	-36.37	-59.41	-53.77	1.5	8.05	V
Highest	1426	-49.09	-13	-36.09	-50.18	-50.98	0.84	4.88	H
	2140	-46.45	-13	-33.45	-51.71	-49.09	1.14	5.93	H
	2854	-47.27	-13	-34.27	-52.39	-50.45	1.33	6.66	H
	3567	-50.01	-13	-37.01	-55.54	-53.97	1.45	7.56	H
	4281	-57.05	-13	-44.05	-65.97	-61.45	1.5	8.05	H
	1426	-51.28	-13	-38.28	-53.22	-53.17	0.84	4.88	V
	2140	-44.22	-13	-31.22	-50.41	-46.86	1.14	5.93	V
	2854	-43.44	-13	-30.44	-50.88	-46.62	1.33	6.66	V
	3567	-52.25	-13	-39.25	-59.21	-56.21	1.45	7.56	V
	4281	-49.58	-13	-36.58	-59.56	-53.98	1.5	8.05	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	1398	-60.30	-13	-47.30	-60.77	-62.19	0.84	4.88	H
	2098	-51.73	-13	-38.73	-56.72	-54.37	1.14	5.93	H
	2798	-54.15	-13	-41.15	-58.88	-57.33	1.33	6.66	H
	3498	-56.01	-13	-43.01	-61.19	-59.97	1.45	7.56	H
	4197	-55.06	-13	-42.06	-63.98	-59.46	1.50	8.05	H
	1398	-60.60	-13	-47.60	-61.32	-62.49	0.84	4.88	V
	2098	-48.64	-13	-35.64	-54.38	-51.28	1.14	5.93	V
	2798	-52.68	-13	-39.68	-59.76	-55.86	1.33	6.66	V
	3498	-54.42	-13	-41.42	-61.20	-58.38	1.45	7.56	V
	4197	-47.83	-13	-34.83	-58.06	-52.23	1.50	8.05	V
Middle	1412	-54.34	-13	-41.34	-55.11	-56.23	0.84	4.88	H
	2116	-50.47	-13	-37.47	-55.52	-53.11	1.14	5.93	H
	2822	-48.76	-13	-35.76	-53.70	-51.94	1.33	6.66	H
	3528	-51.10	-13	-38.10	-56.54	-55.06	1.45	7.56	H
	4233	-55.07	-13	-42.07	-63.99	-59.47	1.50	8.05	H
	1410	-54.02	-13	-41.02	-55.86	-55.91	0.84	4.88	V
	2116	-47.84	-13	-34.84	-53.73	-50.48	1.14	5.93	V
	2822	-46.73	-13	-33.73	-54.38	-49.91	1.33	6.66	V
	3525	-50.78	-13	-37.78	-57.89	-54.74	1.45	7.56	V
	4233	-48.04	-13	-35.04	-58.26	-52.44	1.50	8.05	V
Highest	1422	-53.64	-13	-40.64	-54.47	-55.53	0.84	4.88	H
	2134	-50.68	-13	-37.68	-55.73	-53.32	1.14	5.93	H
	2846	-52.15	-13	-39.15	-56.88	-55.33	1.33	6.66	H
	3558	-55.22	-13	-42.22	-60.40	-59.18	1.45	7.56	H
	4269	-56.90	-13	-43.90	-65.82	-61.30	1.50	8.05	H
	1422	-52.00	-13	-39.00	-53.81	-53.89	0.84	4.88	V
	2134	-48.22	-13	-35.22	-54.04	-50.86	1.14	5.93	V
	2846	-45.40	-13	-32.40	-53.19	-48.58	1.33	6.66	V
	3558	-51.49	-13	-38.49	-58.52	-55.45	1.45	7.56	V
	4269	-50.18	-13	-37.18	-60.03	-54.58	1.50	8.05	V

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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	-60.64	-13	-47.64	-61.11	-62.53	0.84	4.88	H
	2100	-51.31	-13	-38.31	-56.33	-53.95	1.14	5.93	H
	2798	-54.69	-13	-41.69	-59.42	-57.87	1.33	6.66	H
	3498	-55.45	-13	-42.45	-60.63	-59.41	1.45	7.56	H
	4197	-56.56	-13	-43.56	-65.48	-60.96	1.50	8.05	H
	1402	-59.11	-13	-46.11	-60.16	-61.00	0.84	4.88	V
	2100	-47.98	-13	-34.98	-53.85	-50.62	1.14	5.93	V
	2798	-53.20	-13	-40.20	-60.24	-56.38	1.33	6.66	V
	3498	-52.61	-13	-39.61	-59.53	-56.57	1.45	7.56	V
	4197	-50.41	-13	-37.41	-60.26	-54.81	1.50	8.05	V
Middle	1406	-54.20	-13	-41.20	-54.98	-56.09	0.84	4.88	H
	2110	-53.56	-13	-40.56	-58.15	-56.20	1.14	5.93	H
	2812	-50.35	-13	-37.35	-55.08	-53.53	1.33	6.66	H
	3516	-55.50	-13	-42.50	-60.68	-59.46	1.45	7.56	H
	4218	-55.01	-13	-42.01	-63.93	-59.41	1.50	8.05	H
	1406	-53.78	-13	-40.78	-55.62	-55.67	0.84	4.88	V
	2110	-47.96	-13	-34.96	-53.83	-50.60	1.14	5.93	V
	2812	-48.65	-13	-35.65	-56.12	-51.83	1.33	6.66	V
	3516	-51.00	-13	-38.00	-58.06	-54.96	1.45	7.56	V
	4218	-47.48	-13	-34.48	-57.73	-51.88	1.50	8.05	V
Highest	1414	-52.99	-13	-39.99	-53.90	-54.88	0.84	4.88	H
	2120	-50.01	-13	-37.01	-55.08	-52.65	1.14	5.93	H
	2826	-51.88	-13	-38.88	-56.61	-55.06	1.33	6.66	H
	3534	-52.86	-13	-39.86	-58.26	-56.82	1.45	7.56	H
	4239	-56.36	-13	-43.36	-65.28	-60.76	1.50	8.05	H
	1414	-53.69	-13	-40.69	-55.53	-55.58	0.84	4.88	V
	2120	-47.66	-13	-34.66	-53.59	-50.30	1.14	5.93	V
	2826	-48.88	-13	-35.88	-56.39	-52.06	1.33	6.66	V
	3534	-51.69	-13	-38.69	-58.71	-55.65	1.45	7.56	V
	4239	-47.63	-13	-34.63	-57.87	-52.03	1.50	8.05	V

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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	1410	-52.05	-13	-39.05	-52.97	-53.94	0.84	4.88	H
	2114	-51.86	-13	-38.86	-56.84	-54.50	1.14	5.93	H
	2818	-49.89	-13	-36.89	-54.64	-53.07	1.33	6.66	H
	3522	-51.13	-13	-38.13	-56.57	-55.09	1.45	7.56	H
	4227	-51.95	-13	-38.95	-60.87	-56.35	1.50	8.05	H
	1410	-48.34	-13	-35.34	-50.57	-50.23	0.84	4.88	V
	2114	-46.79	-13	-33.79	-52.85	-49.43	1.14	5.93	V
	2818	-47.40	-13	-34.40	-54.90	-50.58	1.33	6.66	V
	3522	-49.52	-13	-36.52	-56.85	-53.48	1.45	7.56	V
	4227	-48.69	-13	-35.69	-58.87	-53.09	1.50	8.05	V
Middle	1416	-44.16	-13	-31.16	-45.46	-46.05	0.84	4.88	H
	2124	-49.07	-13	-36.07	-54.17	-51.71	1.14	5.93	H
	2832	-52.61	-13	-39.61	-57.34	-55.79	1.33	6.66	H
	3540	-52.74	-13	-39.74	-58.15	-56.70	1.45	7.56	H
	4248	-54.96	-13	-41.96	-63.88	-59.36	1.50	8.05	H
	1416	-41.97	-13	-28.97	-44.45	-43.86	0.84	4.88	V
	2124	-42.56	-13	-29.56	-48.84	-45.20	1.14	5.93	V
	2832	-50.71	-13	-37.71	-57.91	-53.89	1.33	6.66	V
	3540	-52.42	-13	-39.42	-59.36	-56.38	1.45	7.56	V
	4248	-49.87	-13	-36.87	-59.76	-54.27	1.50	8.05	V
Highest	1424	-38.65	-13	-25.65	-40.00	-40.54	0.84	4.88	H
	2134	-47.95	-13	-34.95	-53.15	-50.59	1.14	5.93	H
	2846	-48.91	-13	-35.91	-53.81	-52.09	1.33	6.66	H
	3558	-51.12	-13	-38.12	-56.56	-55.08	1.45	7.56	H
	4269	-54.27	-13	-41.27	-63.19	-58.67	1.50	8.05	H
	1424	-37.50	-13	-24.50	-40.06	-39.39	0.84	4.88	V
	2134	-44.62	-13	-31.62	-50.82	-47.26	1.14	5.93	V
	2846	-47.25	-13	-34.25	-54.79	-50.43	1.33	6.66	V
	3558	-54.06	-13	-41.06	-60.84	-58.02	1.45	7.56	V
	4269	-50.39	-13	-37.39	-60.24	-54.79	1.50	8.05	V

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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	1410	-45.64	-13	-32.64	-46.91	-47.53	0.84	4.88	H
	2114	-50.59	-13	-37.59	-55.64	-53.23	1.14	5.93	H
	2818	-48.21	-13	-35.21	-53.27	-51.39	1.33	6.66	H
	3522	-50.30	-13	-37.30	-55.80	-54.26	1.45	7.56	H
	4227	-50.74	-13	-37.74	-59.66	-55.14	1.50	8.05	H
	1410	-45.89	-13	-32.89	-48.15	-47.78	0.84	4.88	V
	2114	-45.05	-13	-32.05	-51.26	-47.69	1.14	5.93	V
	2818	-48.72	-13	-35.72	-56.20	-51.90	1.33	6.66	V
	3522	-48.36	-13	-35.36	-55.80	-52.32	1.45	7.56	V
	4227	-48.57	-13	-35.57	-58.75	-52.97	1.50	8.05	V
Middle	1412	-45.91	-13	-32.91	-47.22	-47.80	0.84	4.88	H
	2118	-48.66	-13	-35.66	-53.79	-51.30	1.14	5.93	H
	2822	-50.65	-13	-37.65	-55.38	-53.83	1.33	6.66	H
	3528	-50.43	-13	-37.43	-55.92	-54.39	1.45	7.56	H
	4233	-55.23	-13	-42.23	-64.15	-59.63	1.50	8.05	H
	1412	-45.49	-13	-32.49	-47.84	-47.38	0.84	4.88	V
	2118	-47.02	-13	-34.02	-53.07	-49.66	1.14	5.93	V
	2822	-45.26	-13	-32.26	-53.06	-48.44	1.33	6.66	V
	3528	-48.07	-13	-35.07	-55.52	-52.03	1.45	7.56	V
	4233	-48.34	-13	-35.34	-58.54	-52.74	1.50	8.05	V
Highest	1414	-41.02	-13	-28.02	-42.33	-42.91	0.84	4.88	H
	2120	-50.31	-13	-37.31	-55.37	-52.95	1.14	5.93	H
	2826	-50.66	-13	-37.66	-55.39	-53.84	1.33	6.66	H
	3534	-52.90	-13	-39.90	-58.30	-56.86	1.45	7.56	H
	4239	-52.71	-13	-39.71	-61.63	-57.11	1.50	8.05	H
	1414	-38.78	-13	-25.78	-41.36	-40.67	0.84	4.88	V
	2120	-44.62	-13	-31.62	-50.82	-47.26	1.14	5.93	V
	2826	-50.65	-13	-37.65	-57.84	-53.83	1.33	6.66	V
	3534	-52.72	-13	-39.72	-59.63	-56.68	1.45	7.56	V
	4239	-49.62	-13	-36.62	-59.59	-54.02	1.50	8.05	V

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