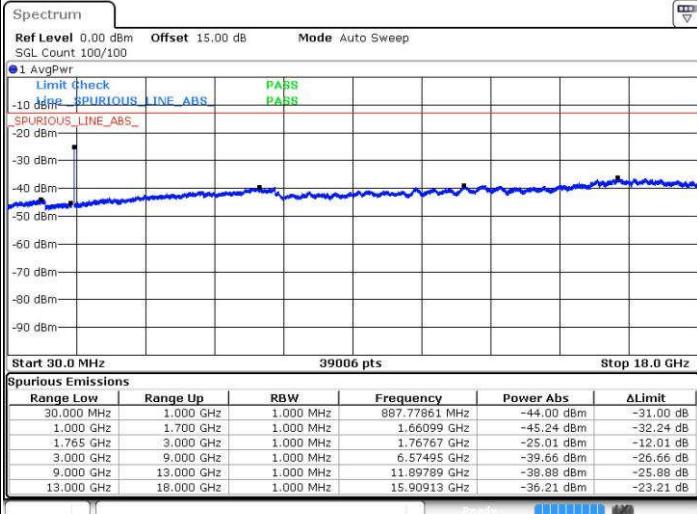
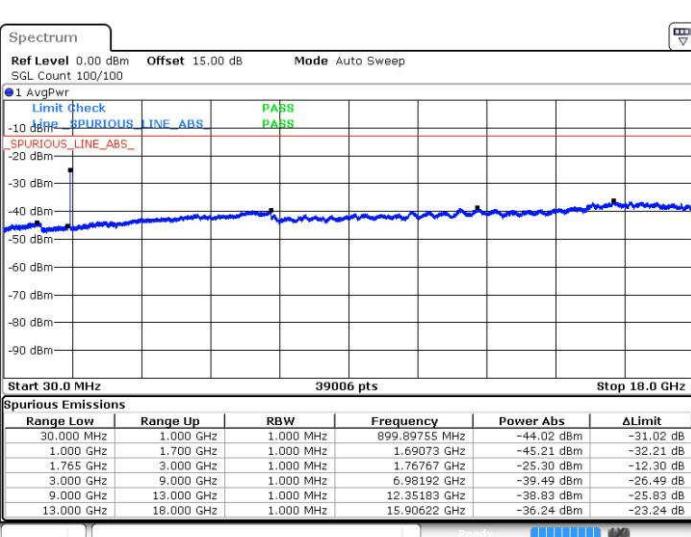




## LTE Band 4 / 15MHz

## Highest Channel / QPSK

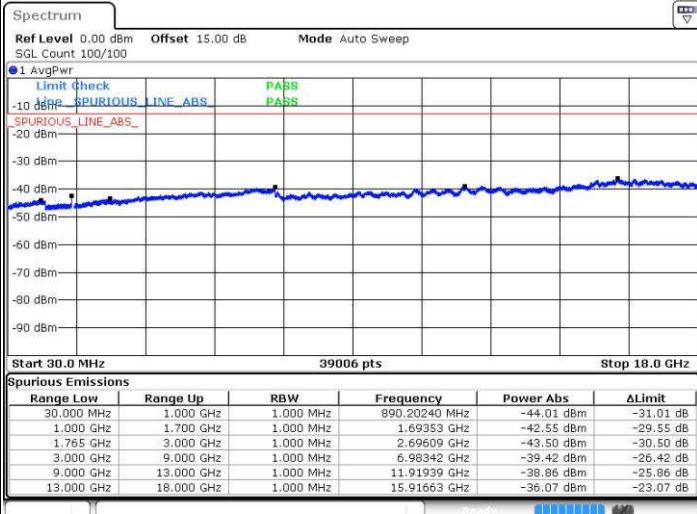
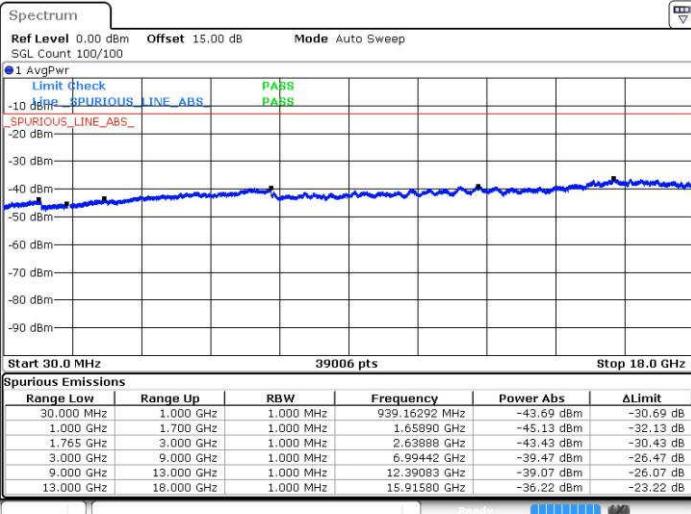
## Highest Channel / 16QAM



## LTE Band 4 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM



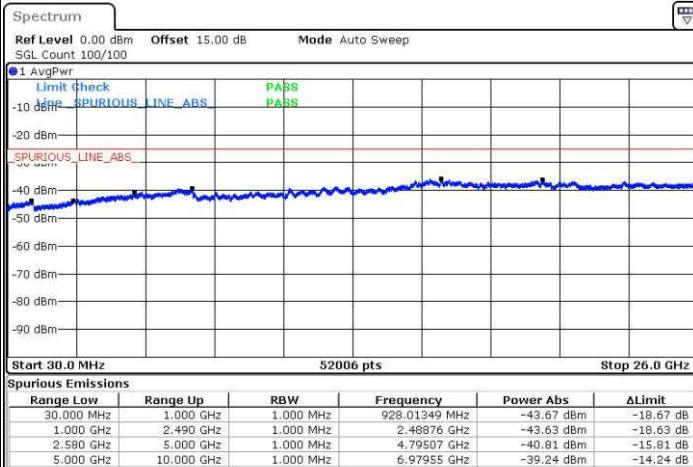
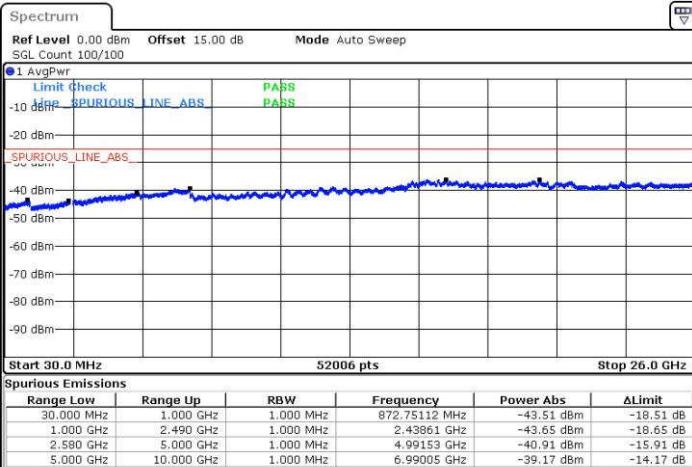




## LTE Band 7 / 5MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM

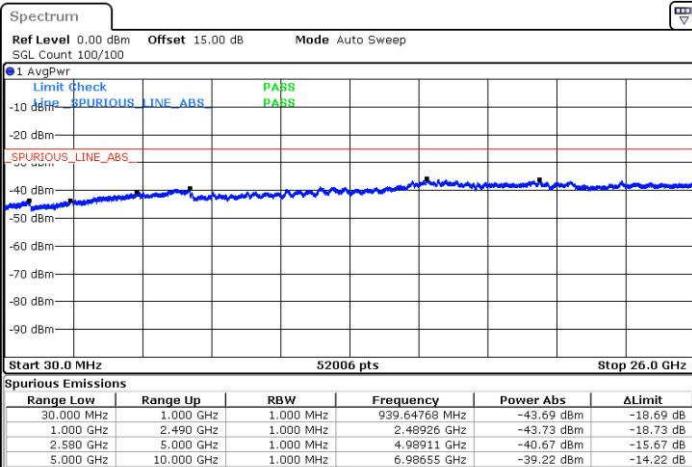


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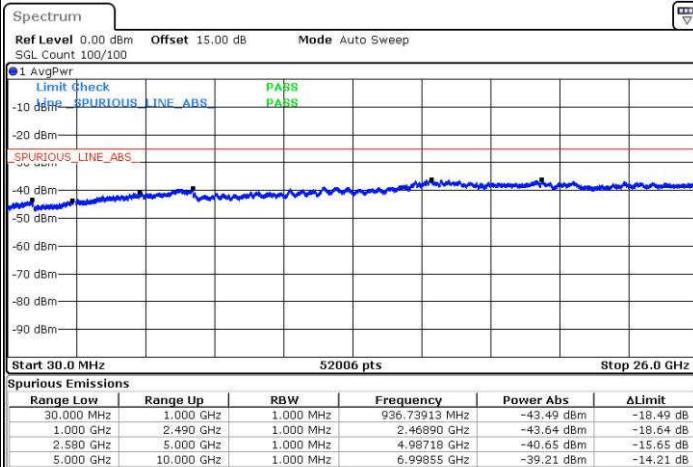
## Middle Channel / QPSK

## Middle Channel / 16QAM



Date: 3.JUN.2016 15:18:35

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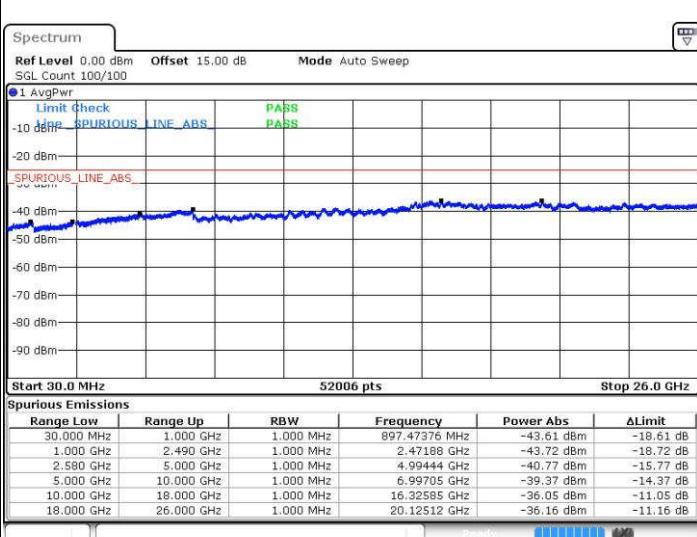
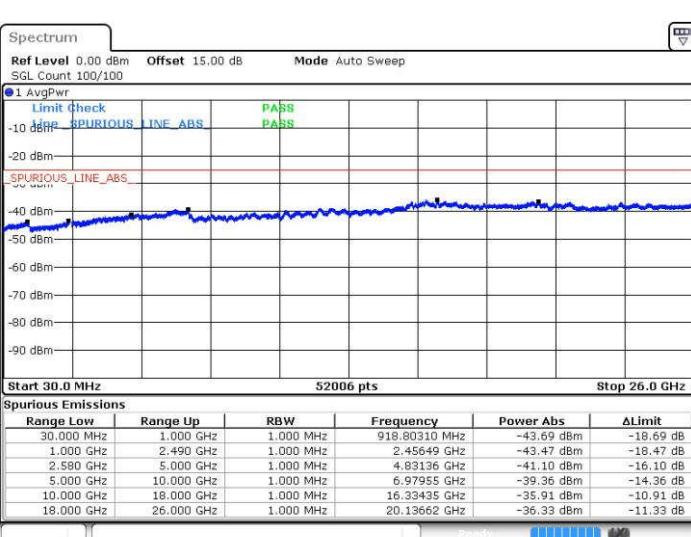




## LTE Band 7 / 5MHz

## Highest Channel / QPSK

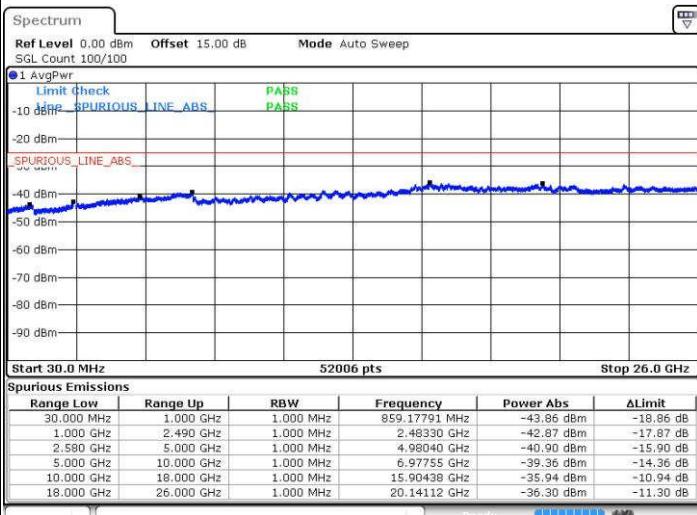
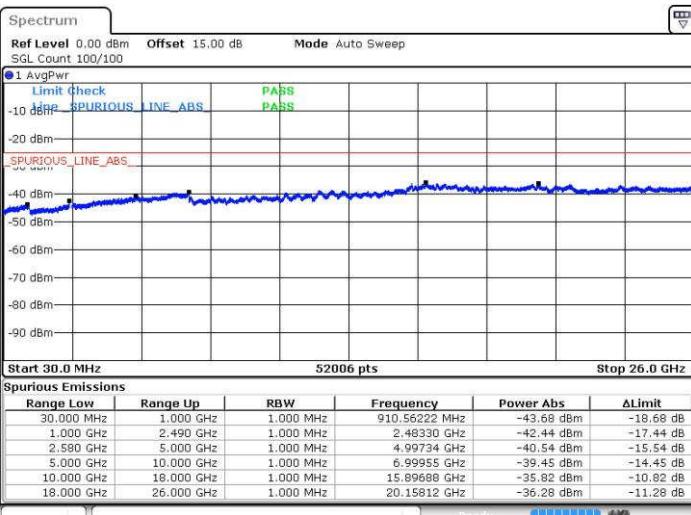
## Highest Channel / 16QAM



## LTE Band 7 / 10MHz

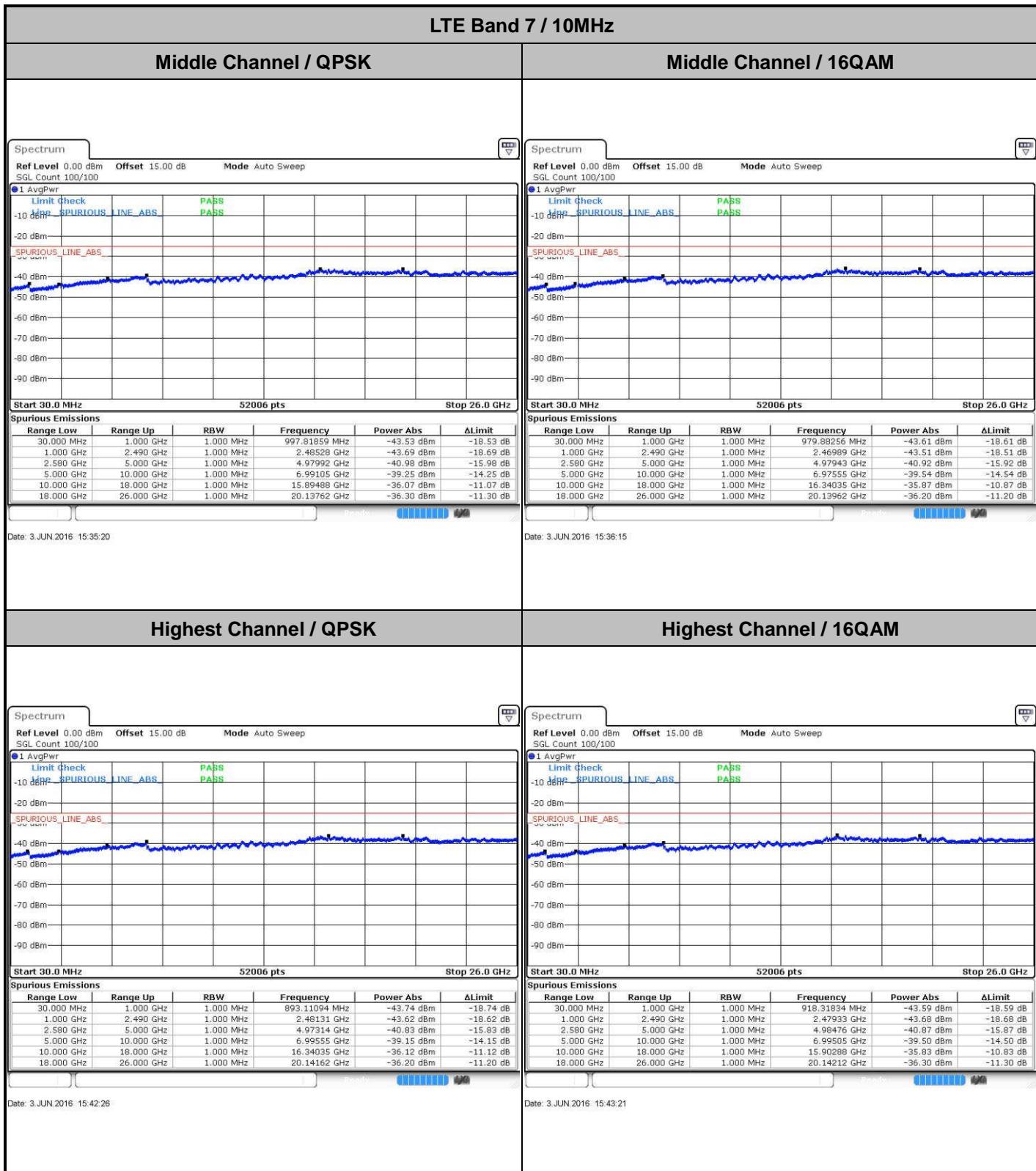
## Lowest Channel / QPSK

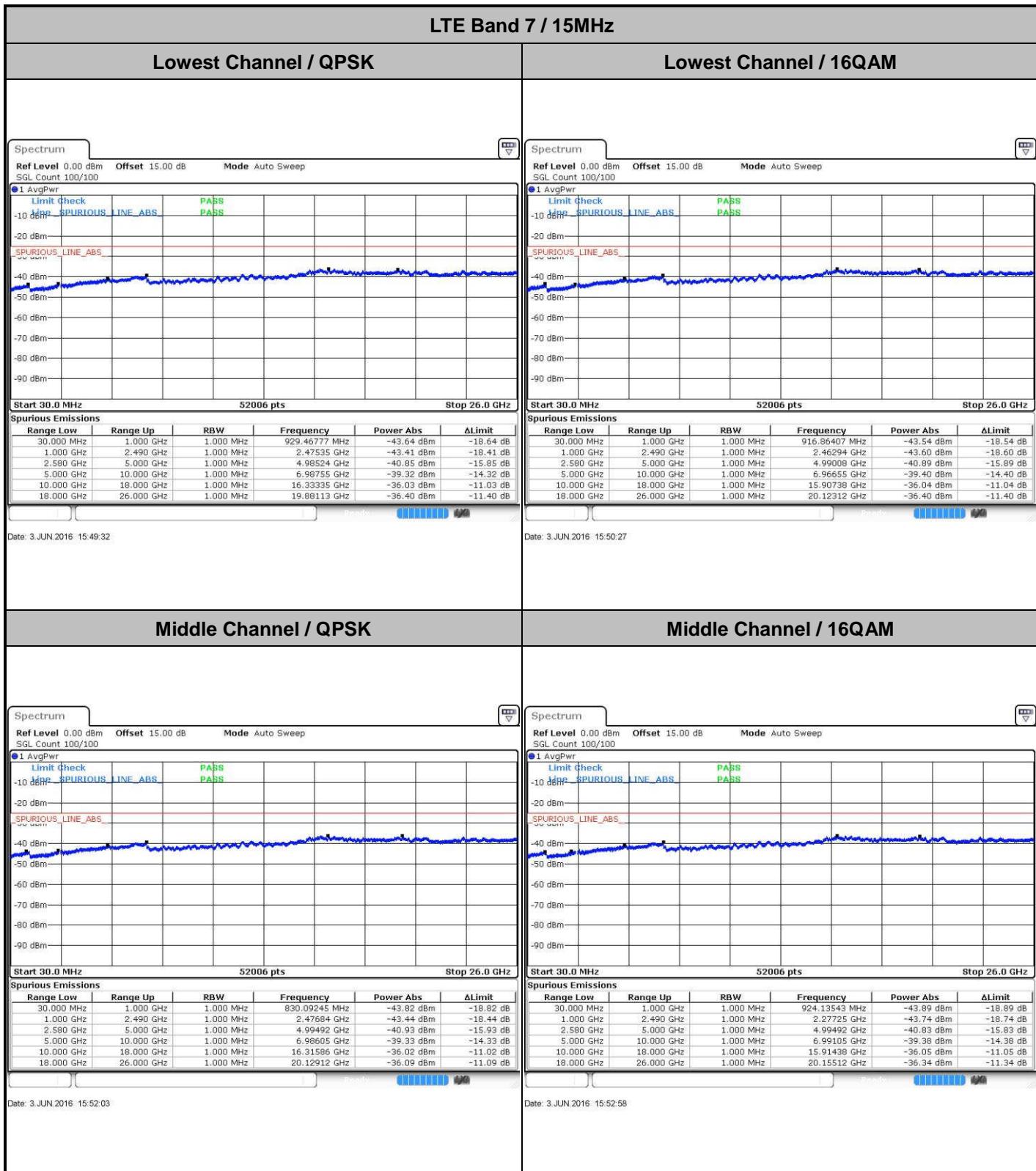
## Lowest Channel / 16QAM



Date: 3.JUN.2016 15:32:49

Date: 3.JUN.2016 15:33:43



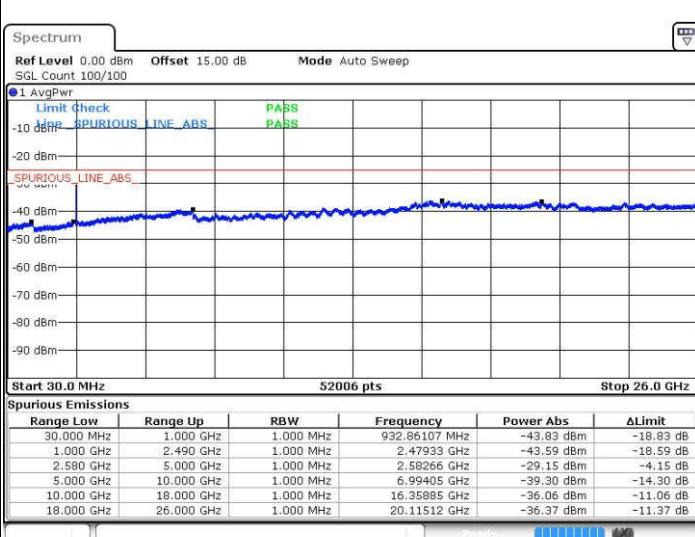
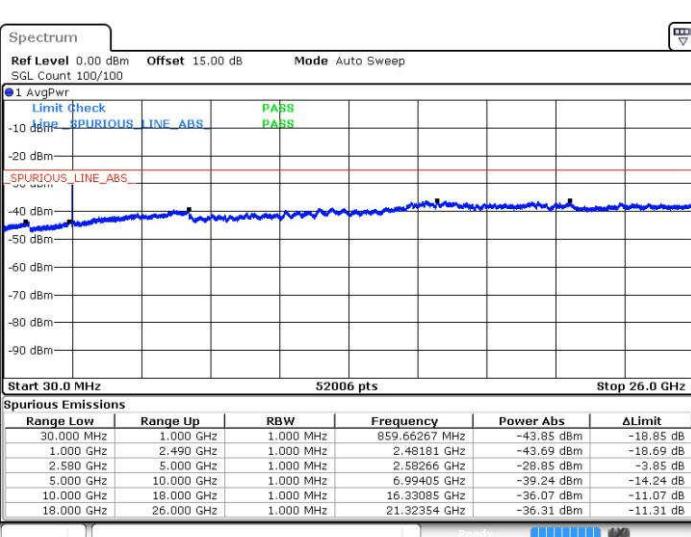




## LTE Band7 / 15MHz

## Highest Channel / QPSK

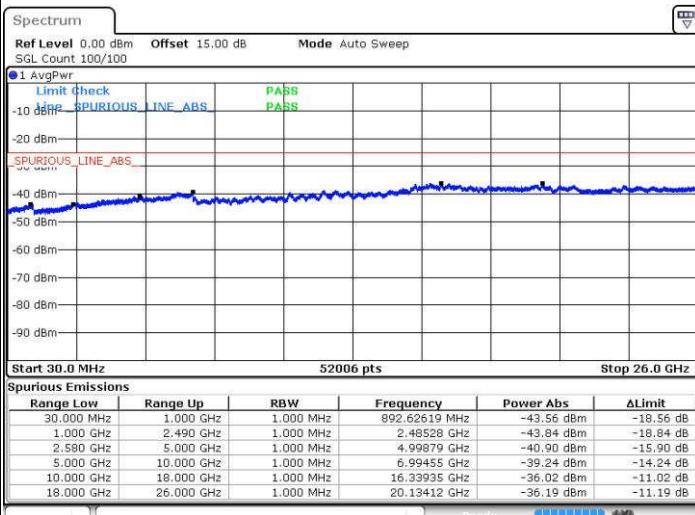
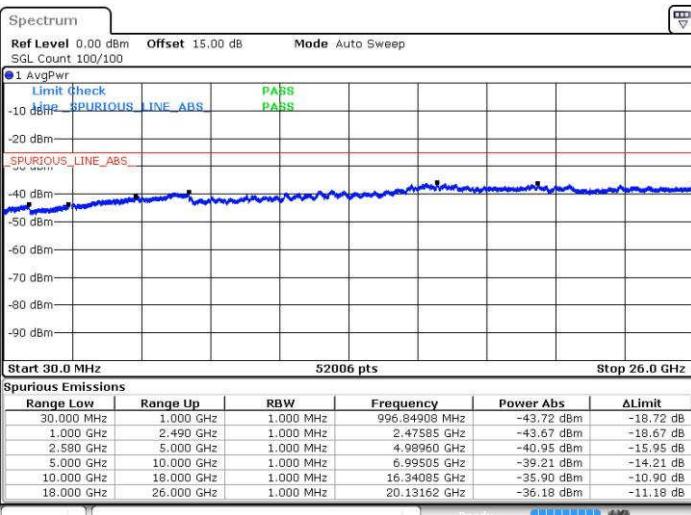
## Highest Channel / 16QAM

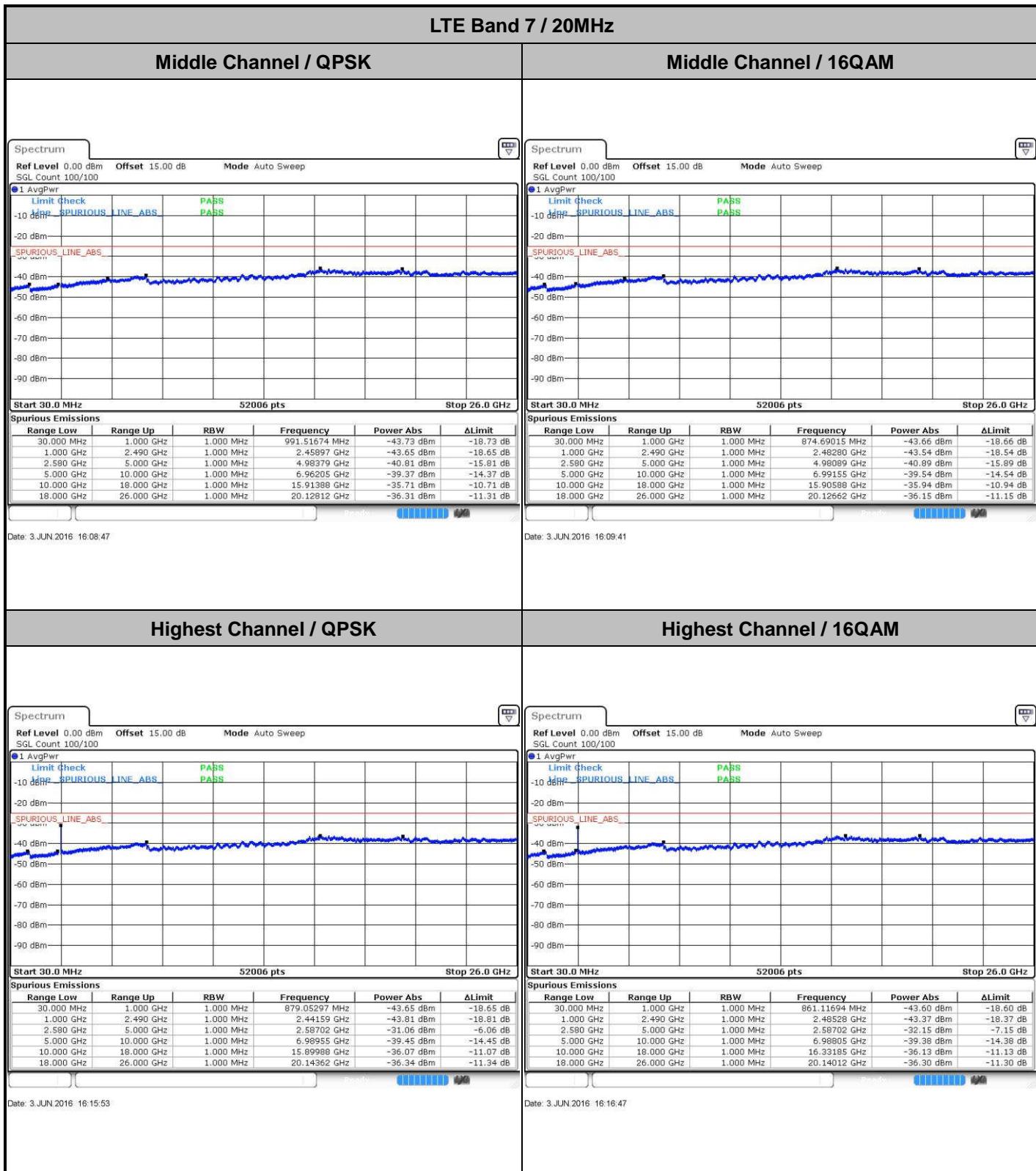


## LTE Band 7 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM



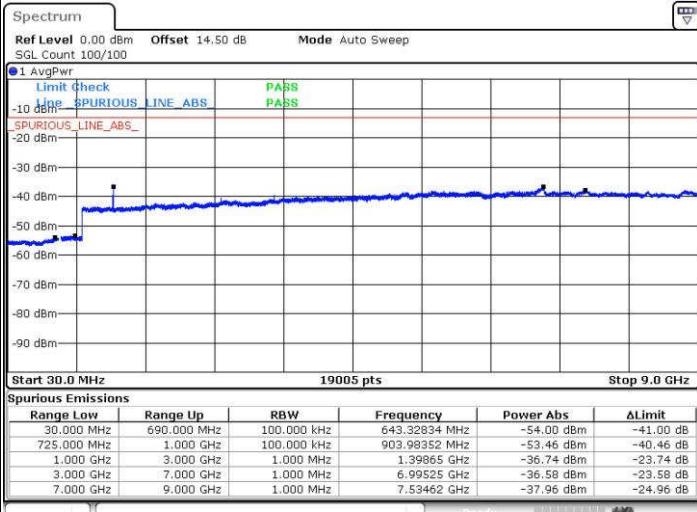
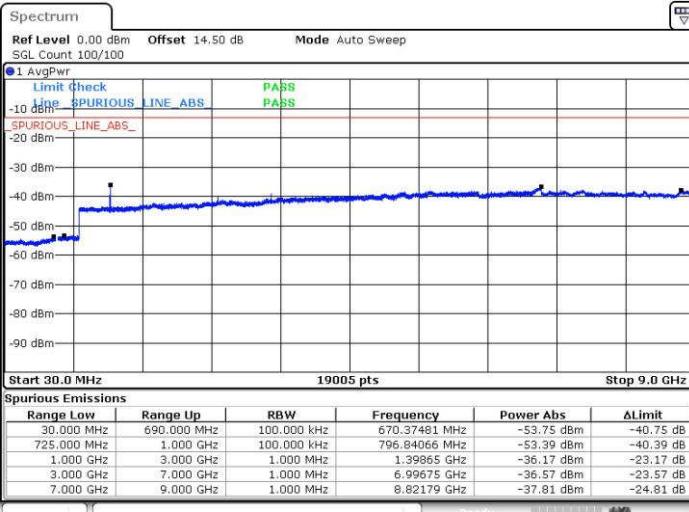




## LTE Band 12 / 1.4MHz

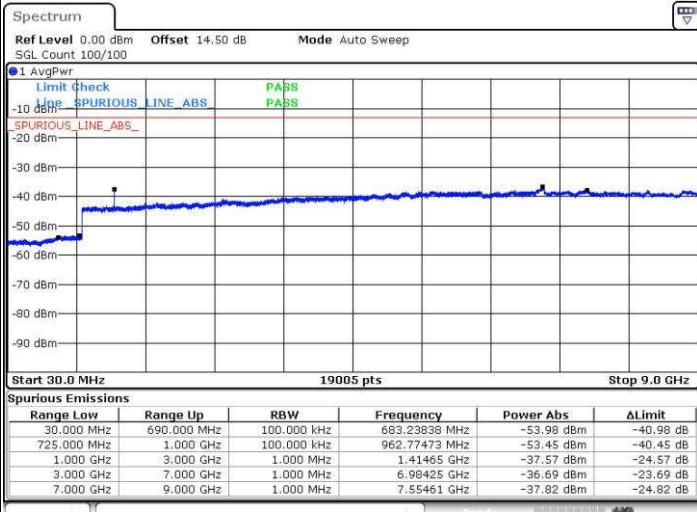
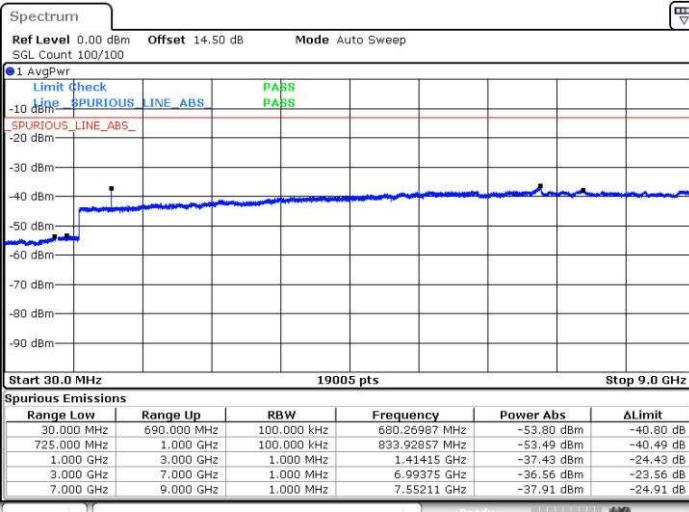
## Lowest Channel / QPSK

## Lowest Channel / 16QAM



## Middle Channel / QPSK

## Middle Channel / 16QAM

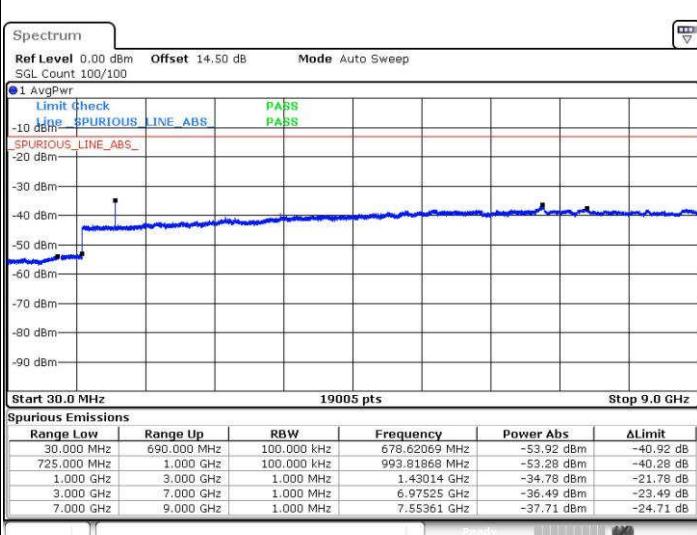
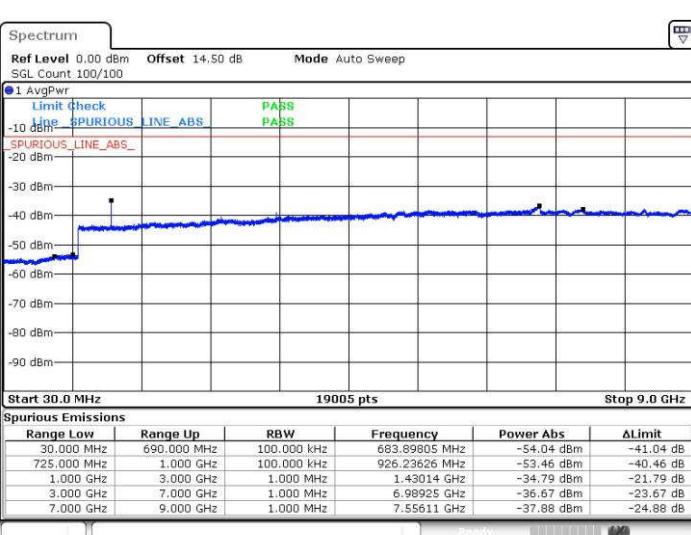




## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK

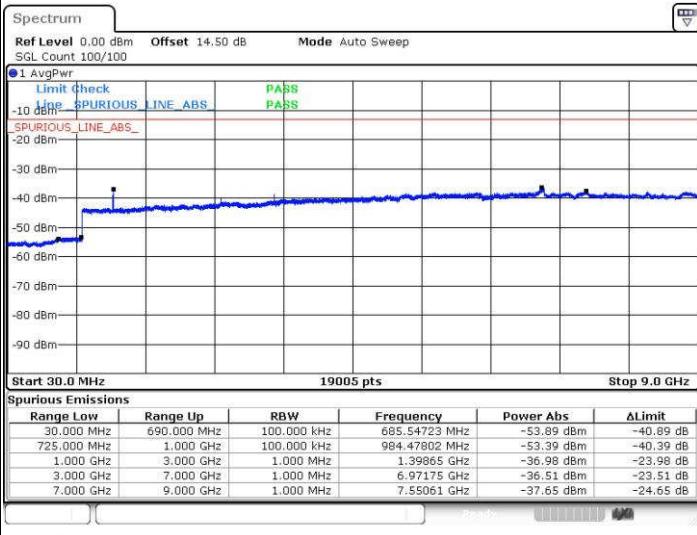
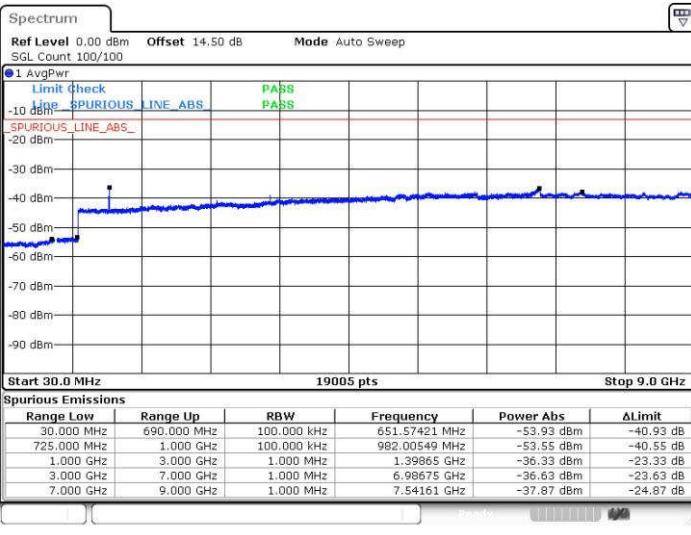
## Highest Channel / 16QAM

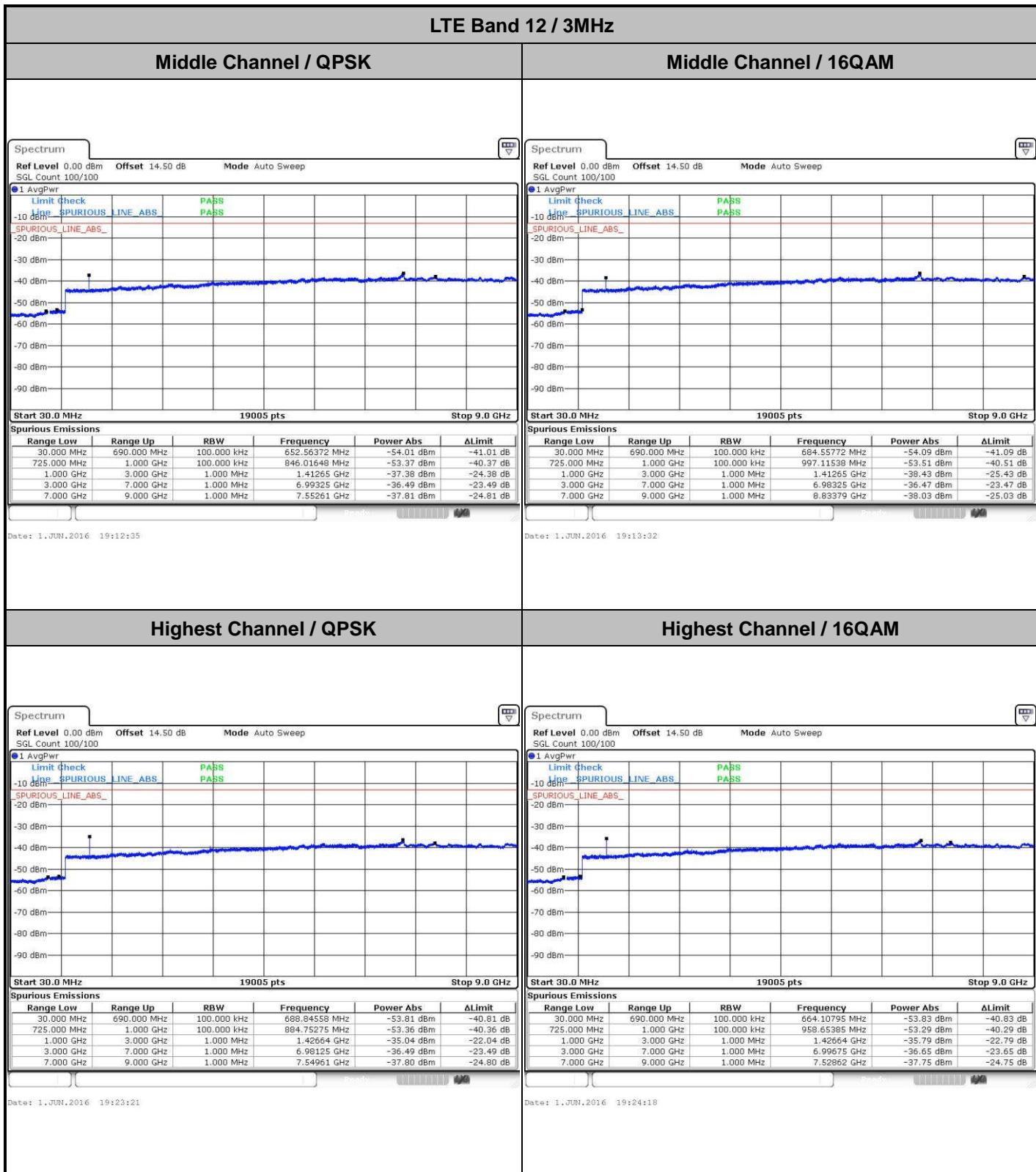


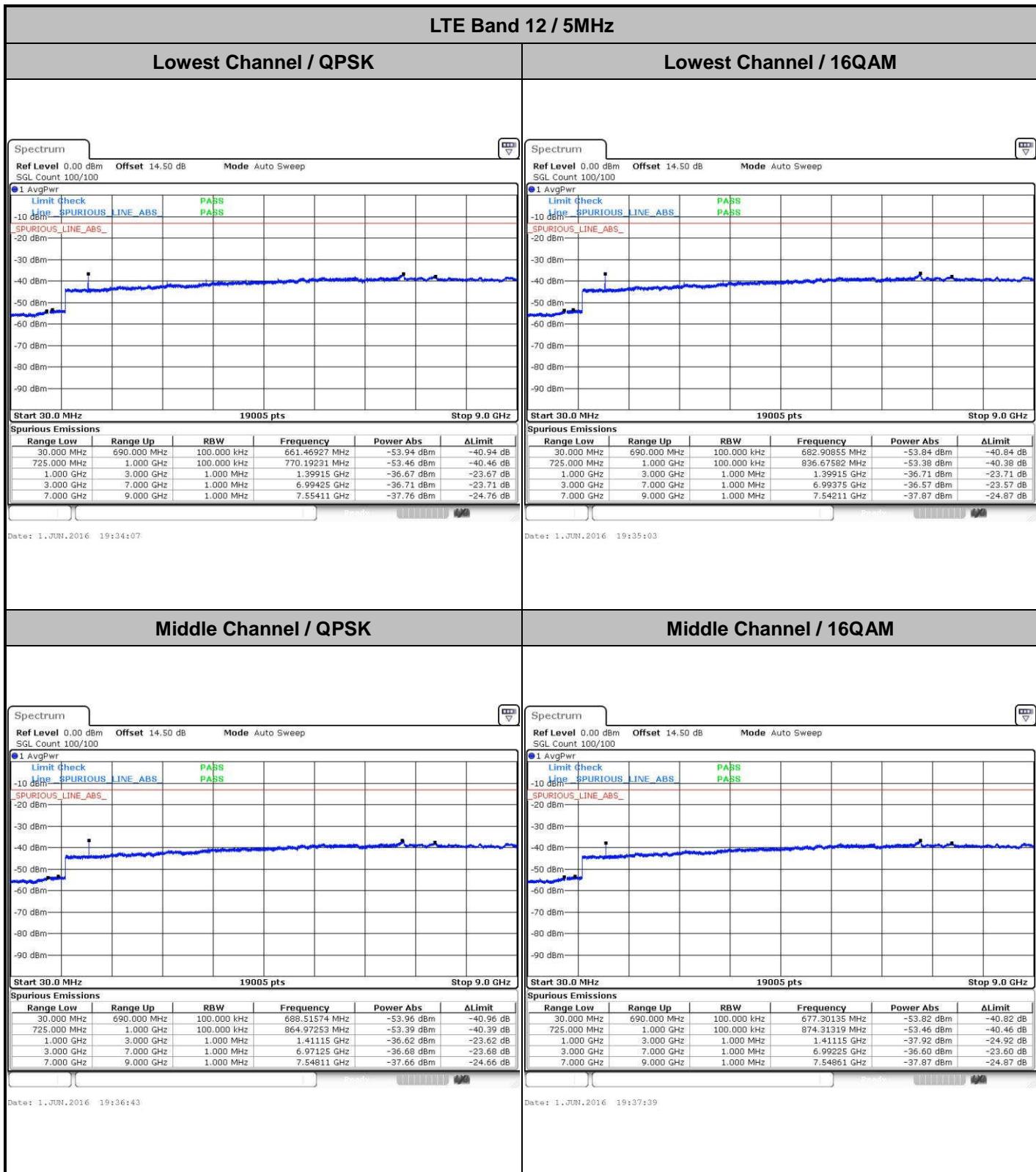
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





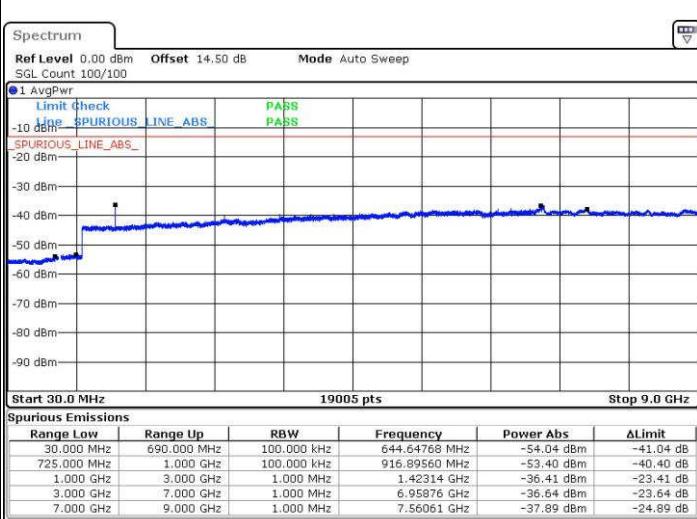
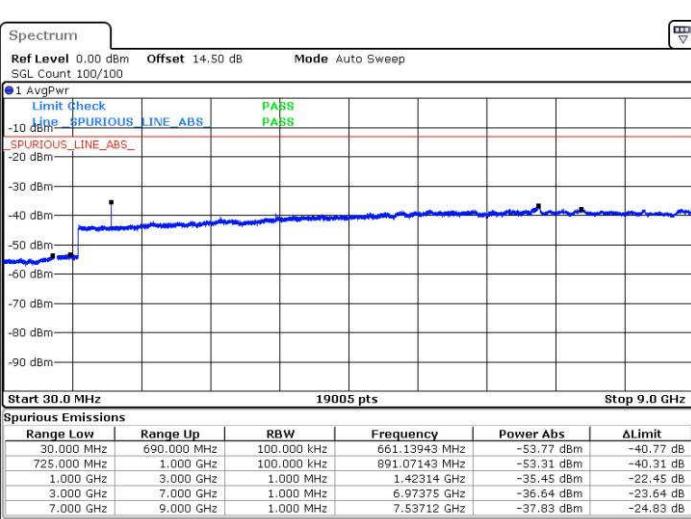




## LTE Band 12 / 5MHz

## Highest Channel / QPSK

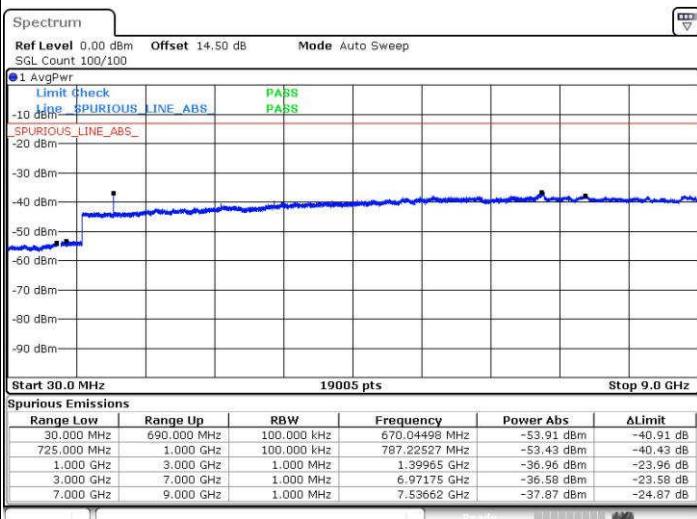
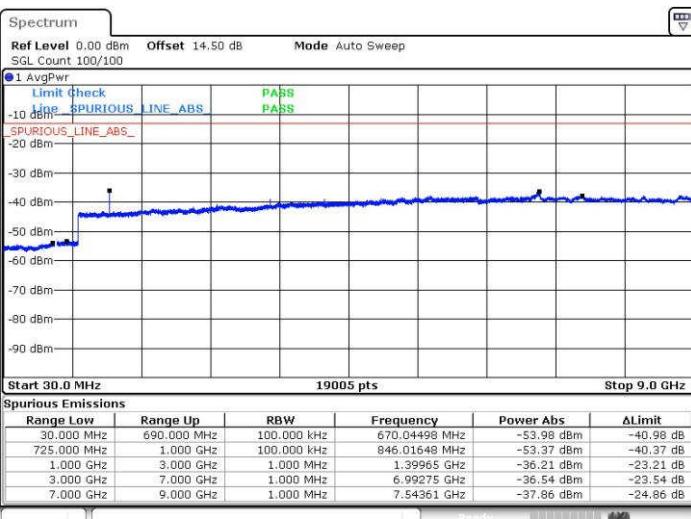
## Highest Channel / 16QAM

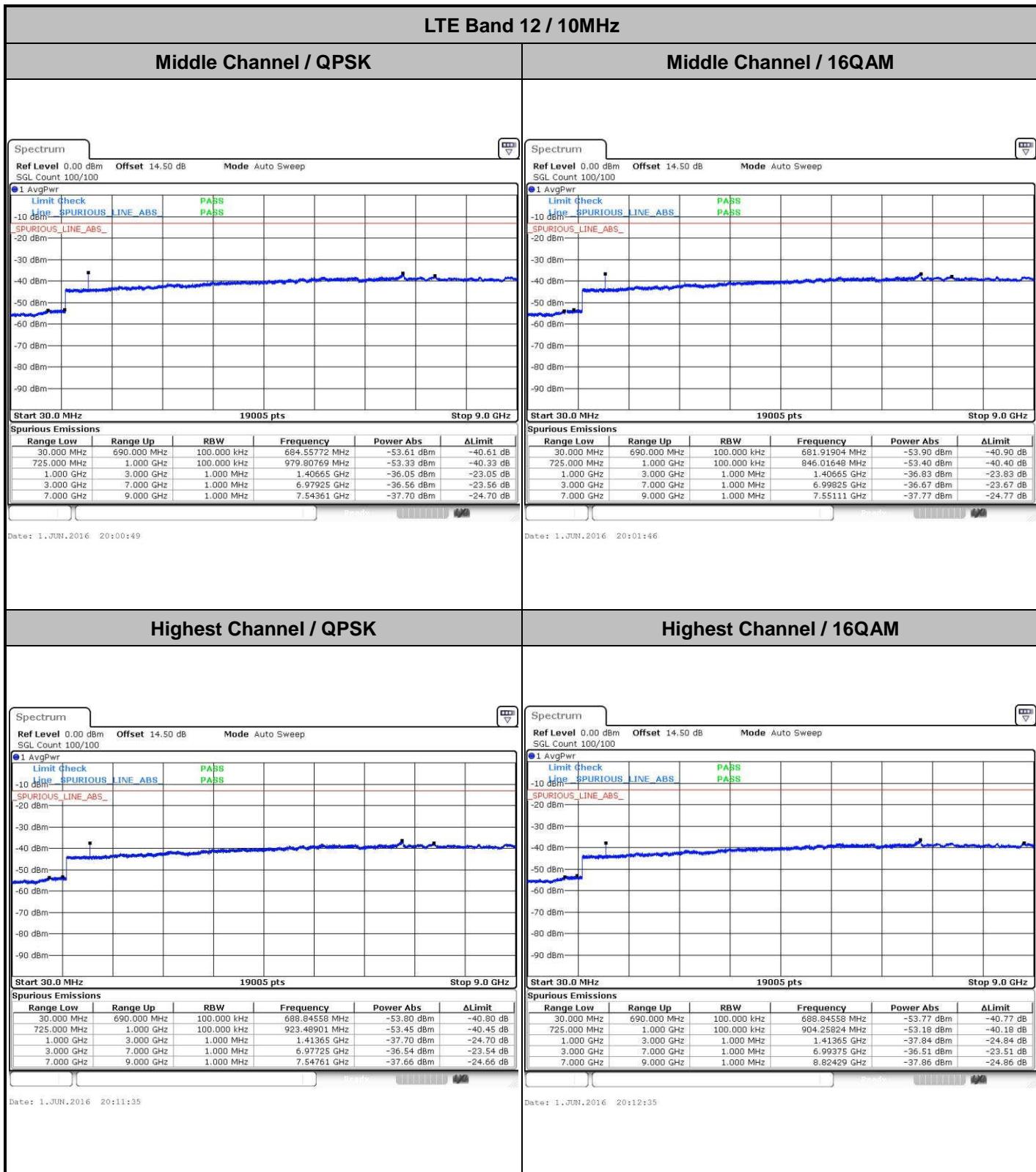


## LTE Band 12 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM



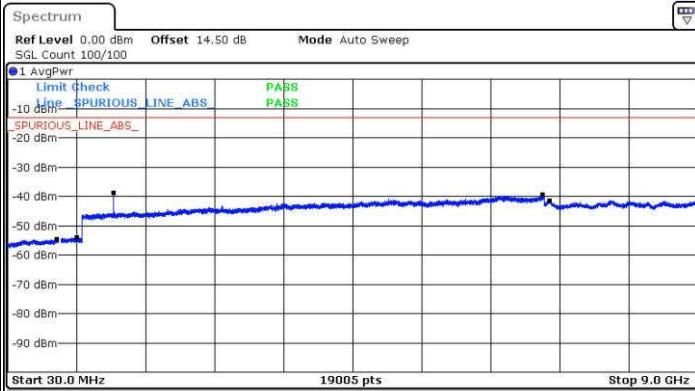
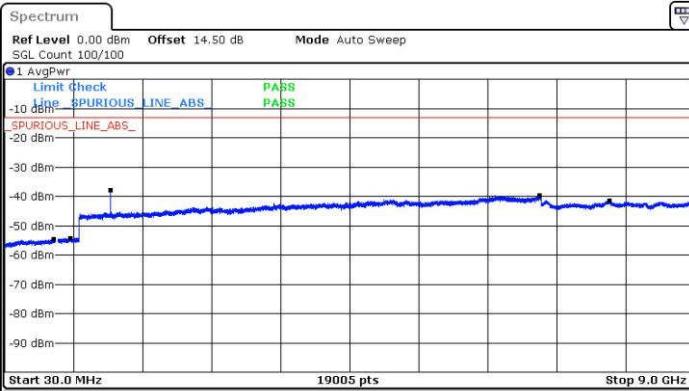




## LTE Band 17 / 5MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM

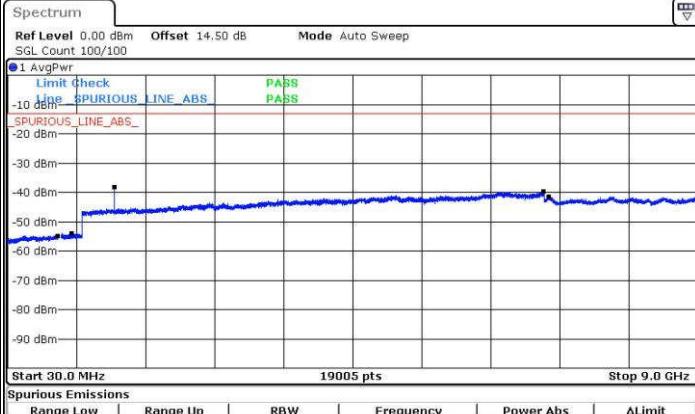
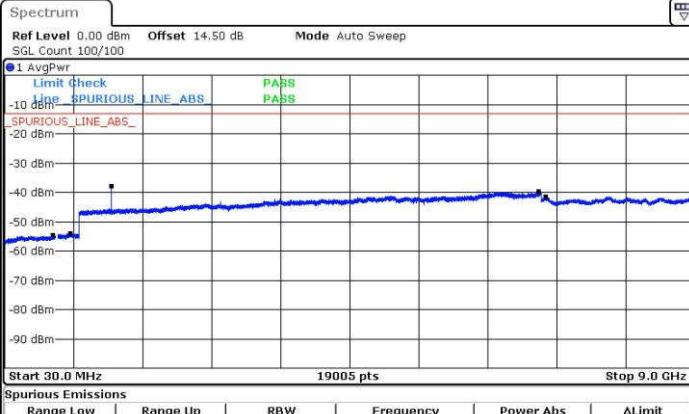


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## Middle Channel / QPSK

## Middle Channel / 16QAM



Date: 3.JUN.2016 11:00:27

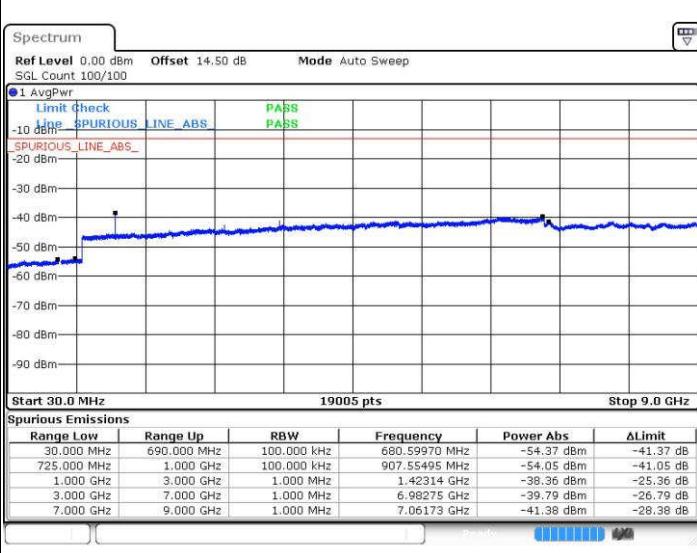
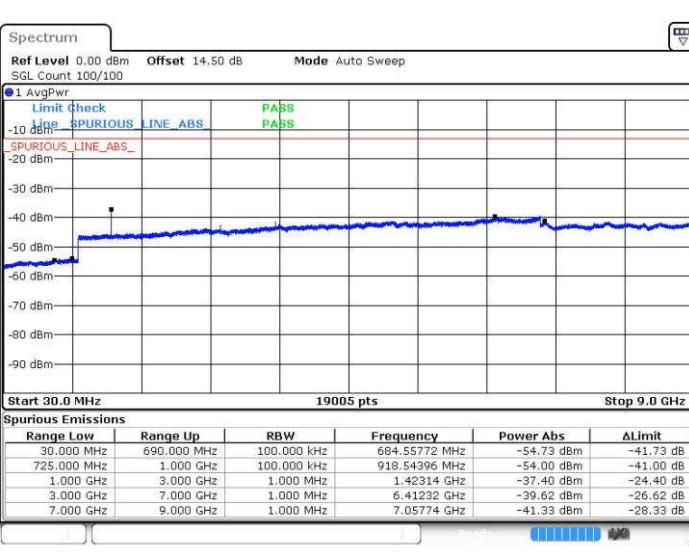
Date: 3.JUN.2016 11:01:23



## LTE Band 17 / 5MHz

## Highest Channel / QPSK

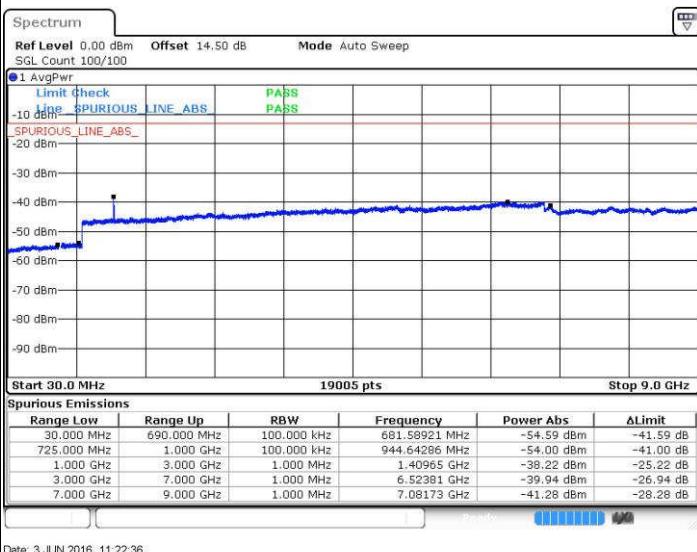
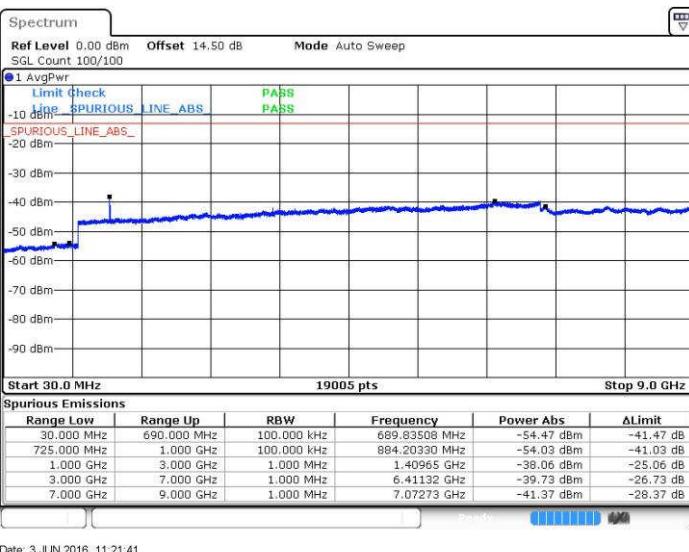
## Highest Channel / 16QAM



## LTE Band 17 / 10MHz

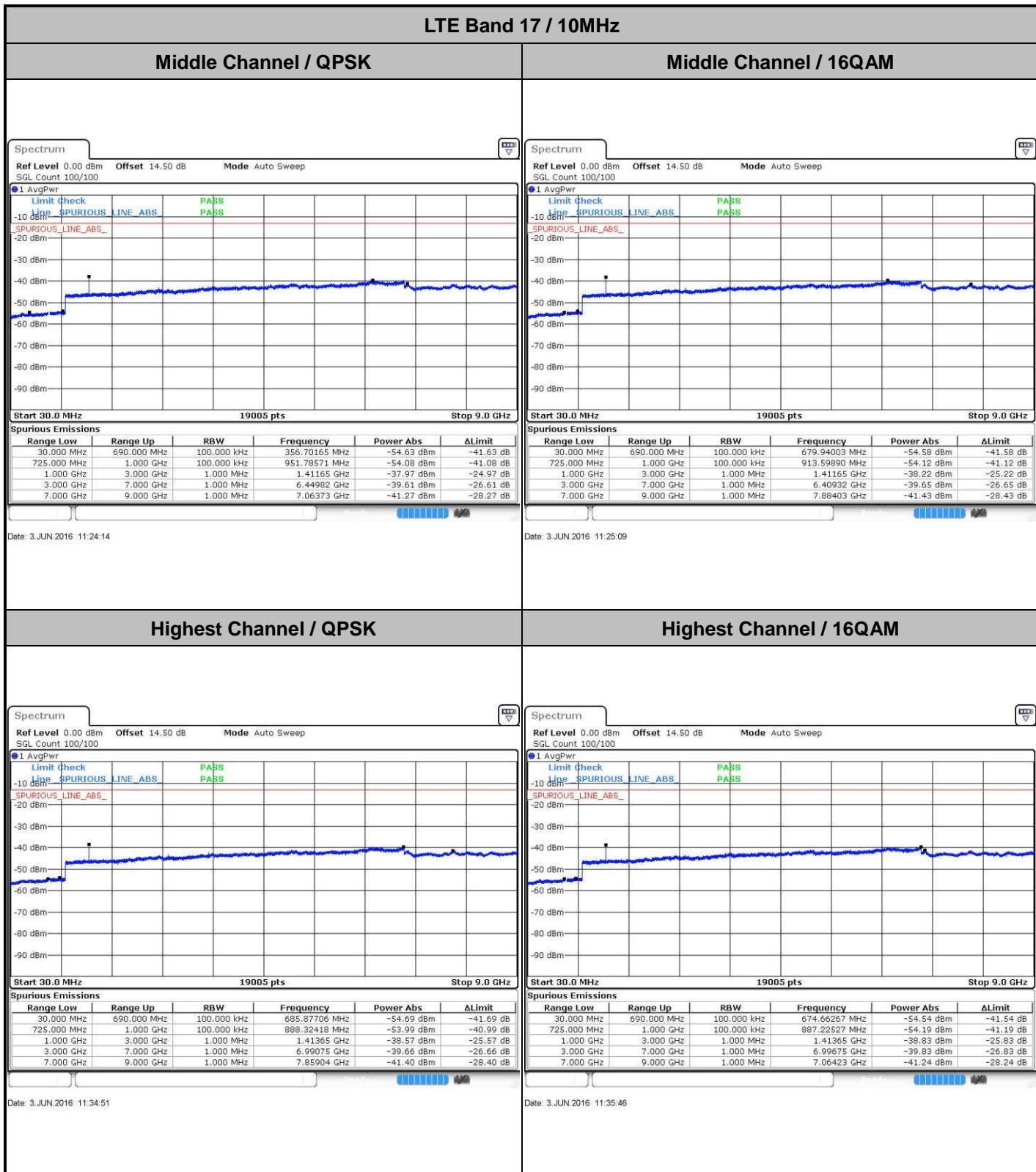
## Lowest Channel / QPSK

## Lowest Channel / 16QAM



Date: 3.JUN.2016 11:21:41

Date: 3.JUN.2016 11:22:36





## 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	0.0016	PASS
40	Normal Voltage	0.0043	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0064	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0053	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2V
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	0.0006	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0058	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0063	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 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	0.0055	PASS
40	Normal Voltage	0.0047	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2V
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	0.0141	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0141	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0170	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0000	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 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	0.0113	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0141	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0169	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0141	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0155	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0085	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 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	3	0	19.72	0.0938	20.17
Middle		3	3	20.05	0.1012	20.33
Highest		3	0	20.79	0.1199	20.83
Lowest	16QAM	1	3	18.35	0.0684	18.66
Middle		1	3	18.74	0.0747	19.04
Highest		1	3	19.31	0.0853	19.27
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	19.44	0.0879	19.90
Middle		1	8	19.77	0.0949	20.14
Highest		1	8	20.52	0.1127	20.57
Lowest	16QAM	1	8	18.35	0.0684	18.72
Middle		1	8	18.76	0.0751	19.07
Highest		1	0	19.33	0.0857	19.34
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	19.44	0.0879	19.94	0.0986
Middle		1	12	19.81	0.0957	20.21	0.1049
Highest		1	12	20.48	0.1117	20.52	0.1127
Lowest	16QAM	1	0	18.41	0.0693	18.72	0.0745
Middle		1	0	18.78	0.0755	19.03	0.0801
Highest		1	0	19.18	0.0828	19.25	0.0841
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	0	19.49	0.0889	19.92	0.0982
Middle		1	0	19.76	0.0946	20.06	0.1014
Highest		1	0	20.11	0.1026	20.32	0.1076
Lowest	16QAM	1	0	18.37	0.0687	18.69	0.0740
Middle		1	0	18.71	0.0743	18.92	0.0780
Highest		1	0	19.02	0.0798	19.18	0.0828
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	19.51	0.0893	19.94	0.0986
Middle		1	74	19.58	0.0908	20.01	0.1003
Highest		1	0	20.07	0.1016	20.26	0.1062
Lowest	16QAM	1	37	18.37	0.0687	18.71	0.0743
Middle		1	74	18.57	0.0720	18.93	0.0781
Highest		1	0	18.95	0.0785	19.11	0.0815
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	99	19.58	0.0908	19.92	0.0982
Middle		1	99	20.00	0.0999	20.36	0.1086
Highest		1	99	20.56	0.1138	20.63	0.1156
Lowest	16QAM	1	0	18.58	0.0721	18.87	0.0771
Middle		1	99	18.91	0.0778	19.18	0.0829
Highest		1	0	19.40	0.0871	19.42	0.0875
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	17.99	0.0630	17.99	0.0630
Middle		3	0	19.03	0.0800	19.05	0.0803
Highest		3	0	19.86	0.0968	19.89	0.0975
Lowest	16QAM	1	0	16.96	0.0497	16.89	0.0489
Middle		1	0	18.30	0.0677	18.31	0.0678
Highest		1	3	19.49	0.0889	19.53	0.0897
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	17.81	0.0604	17.72	0.0592
Middle		1	8	19.19	0.0831	19.14	0.0821
Highest		1	8	20.37	0.1089	20.37	0.1089
Lowest	16QAM	1	8	17.07	0.0509	17.09	0.0512
Middle		1	8	18.36	0.0685	18.30	0.0675
Highest		1	8	19.49	0.0889	19.54	0.0899
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	0	17.81	0.0604	17.77	0.0598
Middle		1	0	18.74	0.0749	18.73	0.0747
Highest		1	12	20.24	0.1057	20.12	0.1028
Lowest	16QAM	1	0	17.11	0.0514	17.22	0.0527
Middle		1	0	18.24	0.0667	18.22	0.0663
Highest		1	12	19.41	0.0873	19.36	0.0863
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	0	17.99	0.0630	17.91	0.0618
Middle		1	0	19.10	0.0813	19.06	0.0805
Highest		1	49	20.14	0.1033	20.07	0.1016
Lowest	16QAM	1	0	16.84	0.0483	16.77	0.0475
Middle		1	0	17.64	0.0581	17.68	0.0586
Highest		1	49	18.45	0.0700	19.13	0.0818
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	18.03	0.0635	17.95	0.0624
Middle		1	0	19.01	0.0797	18.92	0.0780
Highest		1	74	19.83	0.0962	19.82	0.0959
Lowest	16QAM	1	0	16.88	0.0488	16.90	0.0490
Middle		1	0	17.60	0.0575	17.59	0.0574
Highest		1	74	18.32	0.0679	18.37	0.0687
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	18.03	0.0635	17.94	0.0622
Middle		1	0	18.82	0.0763	18.70	0.0742
Highest		1	0	19.58	0.0908	19.55	0.0902
Lowest	16QAM	1	0	16.91	0.0491	16.91	0.0491
Middle		1	0	17.47	0.0558	17.42	0.0552
Highest		1	99	18.10	0.0646	18.12	0.0649
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	12	21.13	0.1297	20.80	0.1202
Middle		1	12	21.27	0.1341	20.99	0.1255
Highest		1	12	20.62	0.1153	20.56	0.1138
Lowest	16QAM	1	12	20.06	0.1014	19.76	0.0946
Middle		1	12	20.57	0.1141	20.22	0.1052
Highest		1	12	20.05	0.1012	20.00	0.1000
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	49	21.03	0.1268	20.85	0.1216
Middle		1	49	21.36	0.1367	21.00	0.1258
Highest		1	0	20.89	0.1227	20.64	0.1159
Lowest	16QAM	1	49	20.02	0.1005	19.61	0.0914
Middle		1	49	20.61	0.1152	20.23	0.1055
Highest		1	49	19.93	0.0984	19.81	0.0957
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	74	21.07	0.1279	20.85	0.1216
Middle		1	74	21.33	0.1357	20.98	0.1253
Highest		1	0	20.96	0.1247	20.74	0.1186
Lowest	16QAM	1	74	19.99	0.0998	19.62	0.0916
Middle		1	74	20.60	0.1148	20.24	0.1057
Highest		1	74	19.98	0.0995	19.84	0.0964
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	20.99	0.1256	20.77	0.1194
Middle		1	99	20.63	0.1157	20.31	0.1073
Highest		1	99	19.95	0.0989	19.79	0.0953
Lowest	16QAM	1	99	20.10	0.1023	19.80	0.0955
Middle		1	99	20.47	0.1113	20.14	0.1033
Highest		1	99	19.99	0.0998	19.81	0.0957
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	3	14.99	0.0316	5.85	0.0038
Middle		3	0	14.91	0.0310	6.27	0.0042
Highest		3	3	15.13	0.0326	6.69	0.0047
Lowest	16QAM	1	3	14.69	0.0294	14.69	0.0294
Middle		1	3	14.58	0.0287	6.46	0.0044
Highest		1	3	14.92	0.0310	6.92	0.0049
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	14	14.82	0.0303	5.66	0.0037
Middle		1	8	14.62	0.0290	5.92	0.0039
Highest		1	8	15.03	0.0318	6.43	0.0044
Lowest	16QAM	1	14	14.68	0.0294	4.82	0.0030
Middle		1	8	14.57	0.0286	6.50	0.0045
Highest		1	8	15.03	0.0318	5.51	0.0036
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	24	14.89	0.0308	5.70	0.0037
Middle		1	0	15.22	0.0333	6.32	0.0043
Highest		1	12	15.27	0.0337	6.43	0.0044
Lowest	16QAM	1	12	14.08	0.0256	5.07	0.0032
Middle		1	0	14.38	0.0274	5.65	0.0037
Highest		1	12	14.46	0.0279	5.78	0.0038
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	14.55	0.0285	5.89	0.0039
Middle		1	49	14.14	0.0259	5.60	0.0036
Highest		1	49	14.41	0.0276	6.02	0.0040
Lowest	16QAM	1	49	14.44	0.0278	5.67	0.0037
Middle		1	25	13.80	0.0240	5.25	0.0033
Highest		1	25	13.93	0.0247	5.44	0.0035
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	0	14.94	0.0312	6.02	0.0040
Middle		1	12	15.12	0.0325	6.27	0.0042
Highest		1	12	15.29	0.0338	6.43	0.0044
Lowest	16QAM	1	0	13.42	0.0220	4.97	0.0031
Middle		1	24	13.63	0.0231	5.24	0.0033
Highest		1	0	13.81	0.0240	5.42	0.0035
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	0	15.43	0.0349	6.39	0.0044
Middle		1	0	15.63	0.0366	6.59	0.0046
Highest		1	0	15.42	0.0348	6.46	0.0044
Lowest	16QAM	1	0	13.84	0.0242	5.31	0.0034
Middle		1	25	14.08	0.0256	5.52	0.0036
Highest		1	25	13.88	0.0244	5.40	0.0035
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)
Middle	3758.92	-51.67	-13	-38.67	-65.22	-57.71	6.56	12.60	H
	5638.38	-34.19	-13	-21.19	-52.00	-39.29	8	13.10	H
	7517.84	-46.17	-13	-33.17	-64.91	-47.90	9.57	11.30	H
	3758.92	-53.29	-13	-40.29	-66.64	-59.33	6.56	12.6	V
	5638.38	-36.05	-13	-23.05	-54.72	-41.15	8	13.1	V
	7517.84	-46.90	-13	-33.90	-65.30	-48.63	9.57	11.3	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)
Middle	3757.48	-52.56	-13	-39.56	-66.11	-58.60	6.56	12.60	H
	5636.22	-36.53	-13	-23.53	-53.86	-41.63	8	13.10	H
	7514.96	-40.62	-13	-27.62	-59.36	-42.35	9.57	11.30	H
	3757.48	-53.51	-13	-40.51	-66.86	-59.55	6.56	12.6	V
	5636.22	-36.69	-13	-23.69	-55.31	-41.79	8	13.1	V
	7514.96	-45.30	-13	-32.30	-63.7	-47.03	9.57	11.3	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)
Middle	3755.68	-52.43	-13	-39.43	-65.98	-58.47	6.56	12.60	H
	5633.52	-34.95	-13	-21.95	-52.50	-40.05	8	13.10	H
	7511.36	-46.97	-13	-33.97	-65.71	-48.70	9.57	11.30	H
	3755.68	-53.14	-13	-40.14	-66.49	-59.18	6.56	12.6	V
	5633.52	-34.78	-13	-21.78	-53.87	-39.88	8	13.1	V
	7511.36	-43.96	-13	-30.96	-62.36	-45.69	9.57	11.3	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)
Middle	3751	-52.12	-13	-39.12	-65.67	-58.16	6.56	12.60	H
	5626.5	-35.53	-13	-22.53	-53.00	-40.63	8	13.10	H
	7502	-43.01	-13	-30.01	-61.75	-44.74	9.57	11.30	H
	3751	-53.13	-13	-40.13	-66.48	-59.17	6.56	12.6	V
	5626.5	-38.54	-13	-25.54	-56.32	-43.64	8	13.1	V
	7502	-48.04	-13	-35.04	-66.44	-49.77	9.57	11.3	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)
Middle	3746.68	-48.95	-13	-35.95	-62.50	-54.99	6.56	12.60	H
	5620.02	-35.19	-13	-22.19	-52.70	-40.29	8	13.10	H
	7493.36	-43.17	-13	-30.17	-61.91	-44.90	9.57	11.30	H
	3746.68	-52.54	-13	-39.54	-65.89	-58.58	6.56	12.6	V
	5620.02	-31.79	-13	-18.79	-51.62	-36.89	8	13.1	V
	7493.36	-47.63	-13	-34.63	-66.03	-49.36	9.57	11.3	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)
Middle	3742.18	-49.06	-13	-36.06	-62.61	-55.10	6.56	12.60	H
	5613.27	-35.50	-13	-22.50	-52.97	-40.60	8	13.10	H
	7484.36	-44.84	-13	-31.84	-63.58	-46.57	9.57	11.30	H
	3742.18	-52.92	-13	-39.92	-66.27	-58.96	6.56	12.6	V
	5613.27	-35.09	-13	-22.09	-54.09	-40.19	8	13.1	V
	7484.36	-47.10	-13	-34.10	-65.5	-48.83	9.57	11.3	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)
Middle	3463.74	-50.44	-13	-37.44	-65.19	-56.86	6.18	12.60	H
	5195.61	-40.31	-13	-27.31	-58.31	-45.27	7.74	12.70	H
	6927.48	-45.03	-13	-32.03	-63.84	-47.73	9	11.70	H
	3463.74	-54.36	-13	-41.36	-65.31	-60.78	6.18	12.60	V
	5195.61	-43.13	-13	-30.13	-57.85	-48.09	7.74	12.70	V
	6927.48	-43.62	-13	-30.62	-60.33	-46.32	9	11.70	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)
Middle	3462.48	-50.75	-13	-37.75	-65.50	-57.17	6.18	12.60	H
	5193.72	-41.46	-13	-28.46	-59.46	-46.42	7.74	12.70	H
	6924.96	-44.06	-13	-31.06	-62.87	-46.76	9	11.70	H
	3462.48	-55.02	-13	-42.02	-65.97	-61.44	6.18	12.60	V
	5193.72	-40.53	-13	-27.53	-56.42	-45.49	7.74	12.70	V
	6924.96	-45.81	-13	-32.81	-62.52	-48.51	9	11.70	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)
Middle	3460.68	-51.06	-13	-38.06	-65.81	-57.48	6.18	12.60	H
	5191.02	-40.54	-13	-27.54	-58.54	-45.50	7.74	12.70	H
	6921.36	-38.03	-13	-25.03	-57.61	-40.73	9	11.70	H
	3460.68	-53.71	-13	-40.71	-64.66	-60.13	6.18	12.60	V
	5191.02	-39.94	-13	-26.94	-56.11	-44.90	7.74	12.70	V
	6921.36	-45.26	-13	-32.26	-61.97	-47.96	9	11.70	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)
Middle	3456.18	-51.11	-13	-38.11	-65.86	-57.53	6.18	12.60	H
	5184.27	-39.36	-13	-26.36	-57.36	-44.32	7.74	12.70	H
	6912.36	-44.75	-13	-31.75	-63.56	-47.45	9	11.70	H
	3456.18	-54.48	-13	-41.48	-65.43	-60.90	6.18	12.60	V
	5184.27	-39.83	-13	-26.83	-56.00	-44.79	7.74	12.70	V
	6912.36	-43.41	-13	-30.41	-60.12	-46.11	9	11.70	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 ( mz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-51.35	-13	-38.35	-66.10	-57.77	6.18	12.60	H
	5177.52	-38.76	-13	-25.76	-56.76	-43.72	7.74	12.70	H
	6903.36	-42.61	-13	-29.61	-61.42	-45.31	9	11.70	H
	3451.68	-54.17	-13	-41.17	-65.12	-60.59	6.18	12.60	V
	5177.52	-40.44	-13	-27.44	-56.38	-45.40	7.74	12.70	V
	6903.36	-44.52	-13	-31.52	-61.23	-47.22	9	11.70	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 ( mz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-50.94	-13	-37.94	-65.69	-57.36	6.18	12.60	H
	5170.77	-40.98	-13	-27.98	-58.98	-45.94	7.74	12.70	H
	6894.36	-42.00	-13	-29.00	-60.81	-44.70	9	11.70	H
	3447.18	-54.05	-13	-41.05	-65.00	-60.47	6.18	12.60	V
	5170.77	-39.36	-13	-26.36	-55.51	-44.32	7.74	12.70	V
	6894.36	-43.95	-13	-30.95	-60.66	-46.65	9	11.70	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)
Middle	5065.68	-46.52	-25	-21.52	-62.72	-58.28	0.94	12.70	H
	7598.52	-38.30	-25	-13.30	-59.67	-48.31	1.69	11.70	H
	10131.36	-43.61	-25	-18.61	-67.97	-54.27	1.44	12.10	H
	5065.68	-46.69	-25	-21.69	-62.44	-58.45	0.94	12.70	V
	7598.52	-40.49	-25	-15.49	-61.48	-50.50	1.69	11.70	V
	10131.36	-44.57	-25	-19.57	-67.47	-55.23	1.44	12.10	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)
Middle	5061.18	-47.68	-25	-22.68	-63.88	-59.44	0.94	12.70	H
	7591.77	-38.47	-25	-13.47	-59.84	-48.48	1.69	11.70	H
	10122.36	-43.56	-25	-18.56	-67.92	-54.22	1.44	12.10	H
	5061.18	-48.19	-25	-23.19	-63.94	-59.95	0.94	12.70	V
	7591.77	-38.99	-25	-13.99	-59.98	-49.00	1.69	11.70	V
	10122.36	-45.50	-25	-20.50	-68.4	-56.16	1.44	12.10	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)
Middle	5056.68	-47.66	-25	-22.66	-63.86	-59.42	0.94	12.70	H
	7585.02	-38.85	-25	-13.85	-60.22	-48.86	1.69	11.70	H
	10131.36	-43.63	-25	-18.63	-67.99	-54.29	1.44	12.10	H
	5056.68	-47.43	-25	-22.43	-63.18	-59.19	0.94	12.70	V
	7585.02	-41.38	-25	-16.38	-62.37	-51.39	1.69	11.70	V
	10131.36	-44.94	-25	-19.94	-67.84	-55.60	1.44	12.10	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)
Middle	5052.18	-46.83	-25	-21.83	-63.03	-58.59	0.94	12.70	H
	7578.27	-38.03	-25	-13.03	-59.40	-48.04	1.69	11.70	H
	10104.36	-43.42	-25	-18.42	-67.78	-54.08	1.44	12.10	H
	5052.18	-47.35	-25	-22.35	-63.1	-59.11	0.94	12.70	V
	7578.27	-40.93	-25	-15.93	-61.92	-50.94	1.69	11.70	V
	10104.36	-43.73	-25	-18.73	-66.63	-54.39	1.44	12.10	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)
Middle	1413.74	-57.45	-13	-44.45	-60.28	-64.14	0.56	9.40	H
	2120.61	-47.58	-13	-34.58	-54.88	-55.29	0.74	10.60	H
	2827.48	-56.68	-13	-43.68	-65.49	-66.28	0.85	12.60	H
	1413.74	-56.60	-13	-43.60	-58.26	-63.29	0.56	9.40	V
	2120.61	-52.04	-13	-39.04	-57.93	-59.75	0.74	10.60	V
	2827.48	-54.85	-13	-41.85	-62.99	-64.45	0.85	12.60	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)
Middle	1412.3	-59.66	-13	-46.66	-62.49	-66.35	0.56	9.40	H
	2118.45	-44.99	-13	-31.99	-53.24	-52.70	0.74	10.60	H
	2824.6	-56.63	-13	-43.63	-65.44	-66.23	0.85	12.60	H
	1412.3	-59.27	-13	-46.27	-60.93	-65.96	0.56	9.40	V
	2118.45	-51.22	-13	-38.22	-57.06	-58.93	0.74	10.60	V
	2824.6	-53.81	-13	-40.81	-61.95	-63.41	0.85	12.60	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)
Middle	1410.5	-54.87	-13	-41.87	-57.70	-61.56	0.56	9.40	H
	2115.75	-44.66	-13	-31.66	-52.92	-52.37	0.74	10.60	H
	2821	-56.20	-13	-43.20	-65.01	-65.80	0.85	12.60	H
	1410.5	-56.14	-13	-43.14	-57.80	-62.83	0.56	9.40	V
	2115.75	-50.67	-13	-37.67	-56.71	-58.38	0.74	10.60	V
	2821	-54.93	-13	-41.93	-63.07	-64.53	0.85	12.60	V

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

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)
Middle	1406	-44.09	-13	-31.09	-49.66	-50.78	0.56	9.40	H
	2109	-50.17	-13	-37.17	-56.38	-57.88	0.74	10.60	H
	2812	-55.71	-13	-42.71	-64.52	-65.31	0.85	12.60	H
	1406	-44.93	-13	-31.93	-49.67	-51.62	0.56	9.40	V
	2109	-49.31	-13	-36.31	-55.87	-57.02	0.74	10.60	V
	2812	-52.00	-13	-39.00	-60.14	-61.60	0.85	12.60	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)
Middle	1415.68	-55.95	-13	-42.95	-58.78	-62.64	0.56	9.40	H
	2123.58	-54.68	-13	-41.68	-60.42	-62.39	0.74	10.60	H
	2831.36	-53.24	-13	-40.24	-62.05	-62.84	0.85	12.60	H
	1415.68	-53.09	-13	-40.09	-55.49	-59.78	0.56	9.40	V
	2123.58	-51.88	-13	-38.88	-57.78	-59.59	0.74	10.60	V
	2831.36	-52.26	-13	-39.26	-60.40	-61.86	0.85	12.60	V

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



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)
Middle	1411.18	-55.50	-13	-42.50	-58.33	-62.19	0.56	9.40	H
	2116.77	-50.89	-13	-37.89	-57.10	-58.60	0.74	10.60	H
	2822.36	-51.33	-13	-38.33	-60.14	-60.93	0.85	12.60	H
	1411.18	-56.28	-13	-43.28	-57.94	-62.97	0.56	9.40	V
	2116.77	-44.50	-13	-31.50	-52.45	-52.21	0.74	10.60	V
	2822.36	-51.58	-13	-38.58	-59.72	-61.18	0.85	12.60	V

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