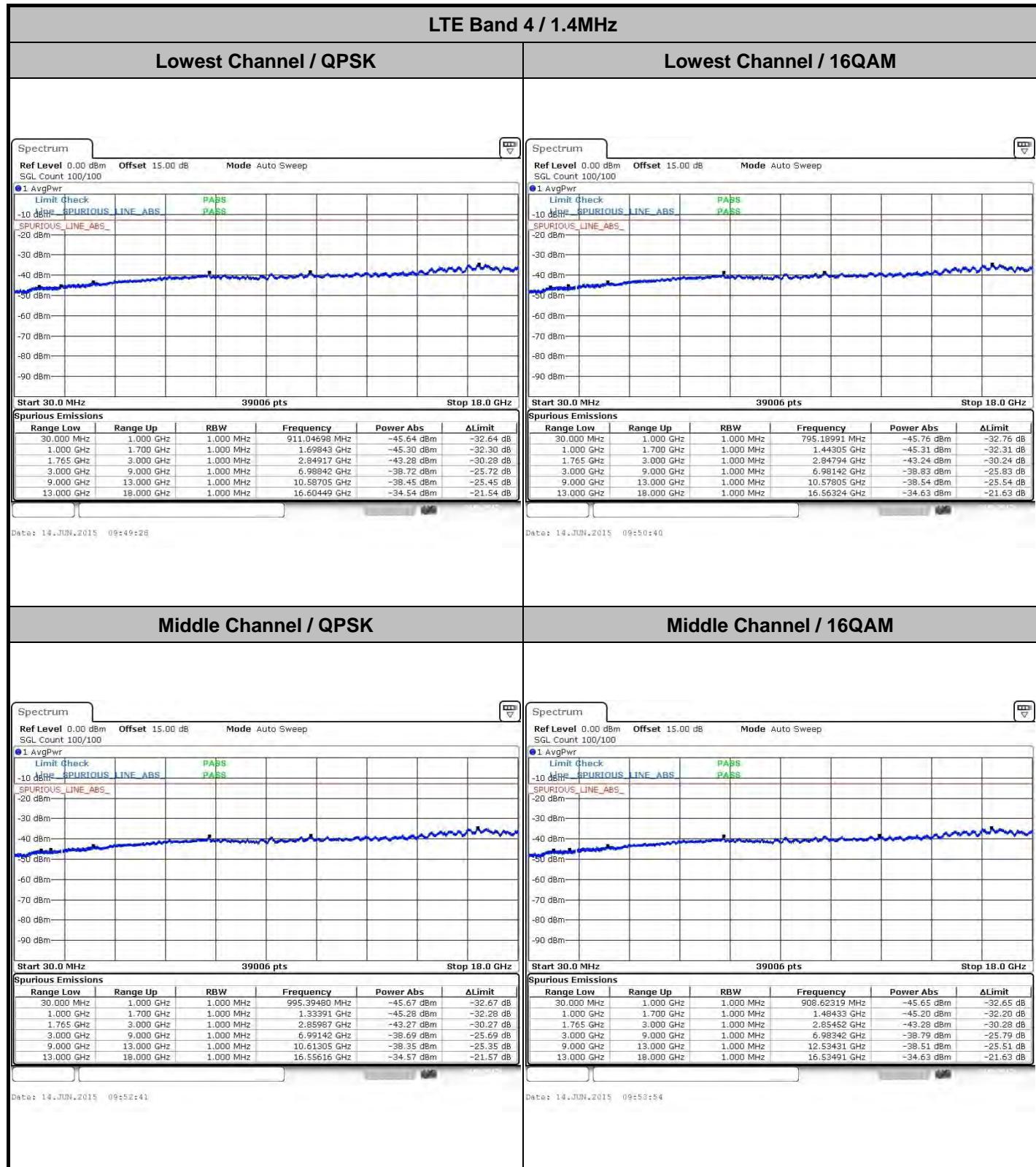




Conducted Spurious Emission

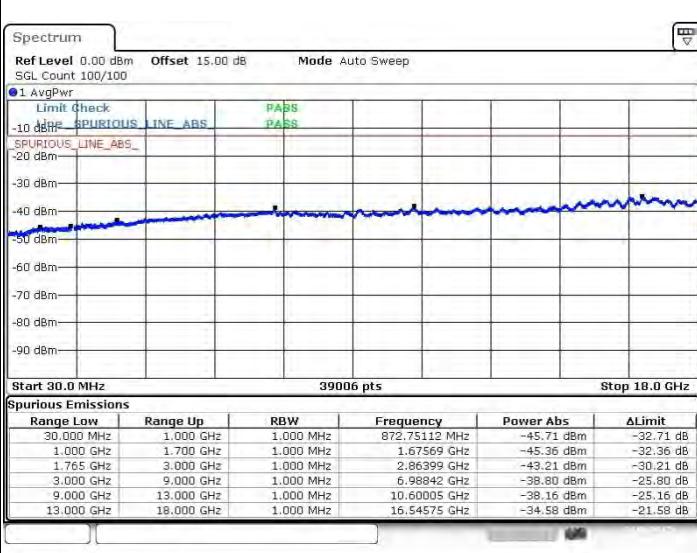
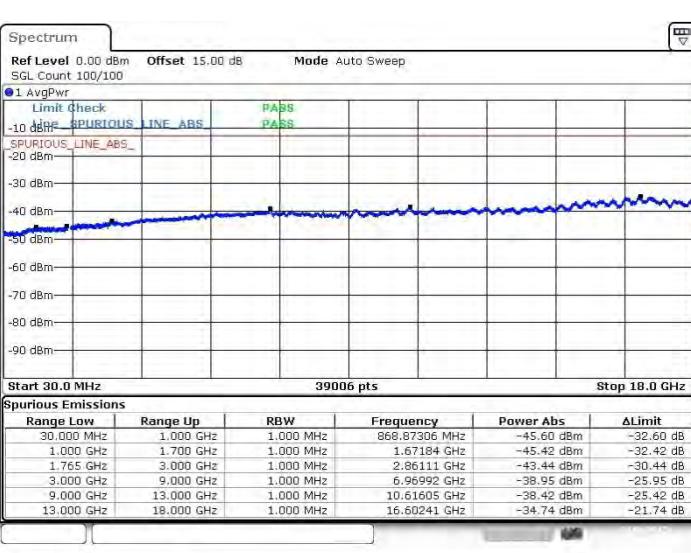




LTE Band 4 / 1.4MHz

Highest Channel / QPSK

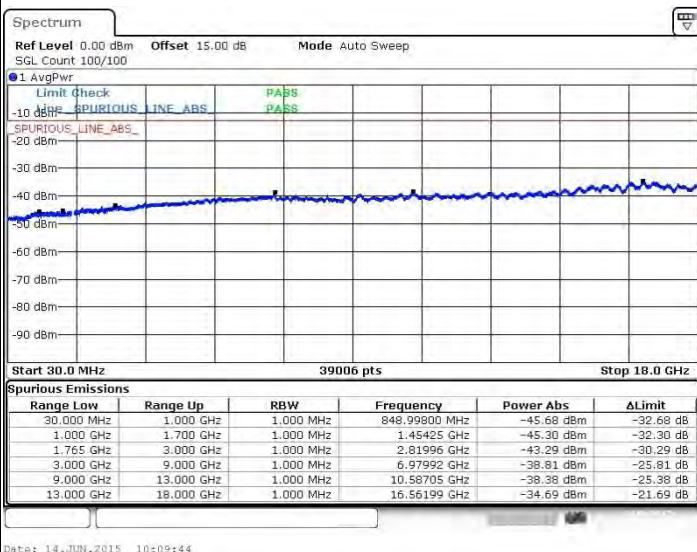
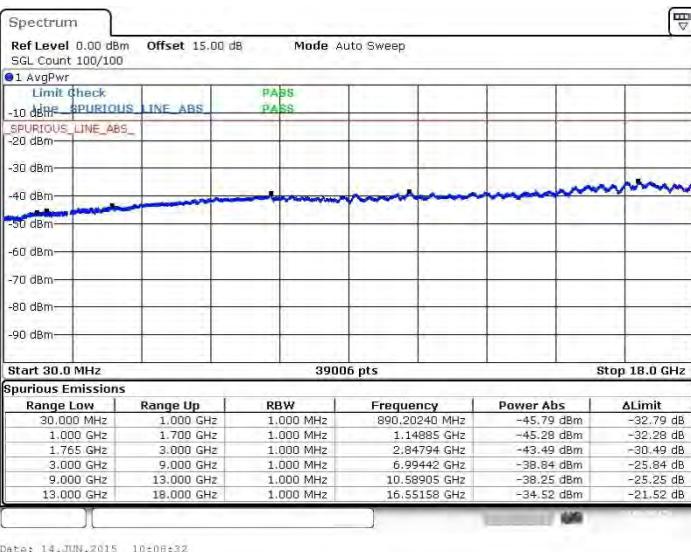
Highest Channel / 16QAM

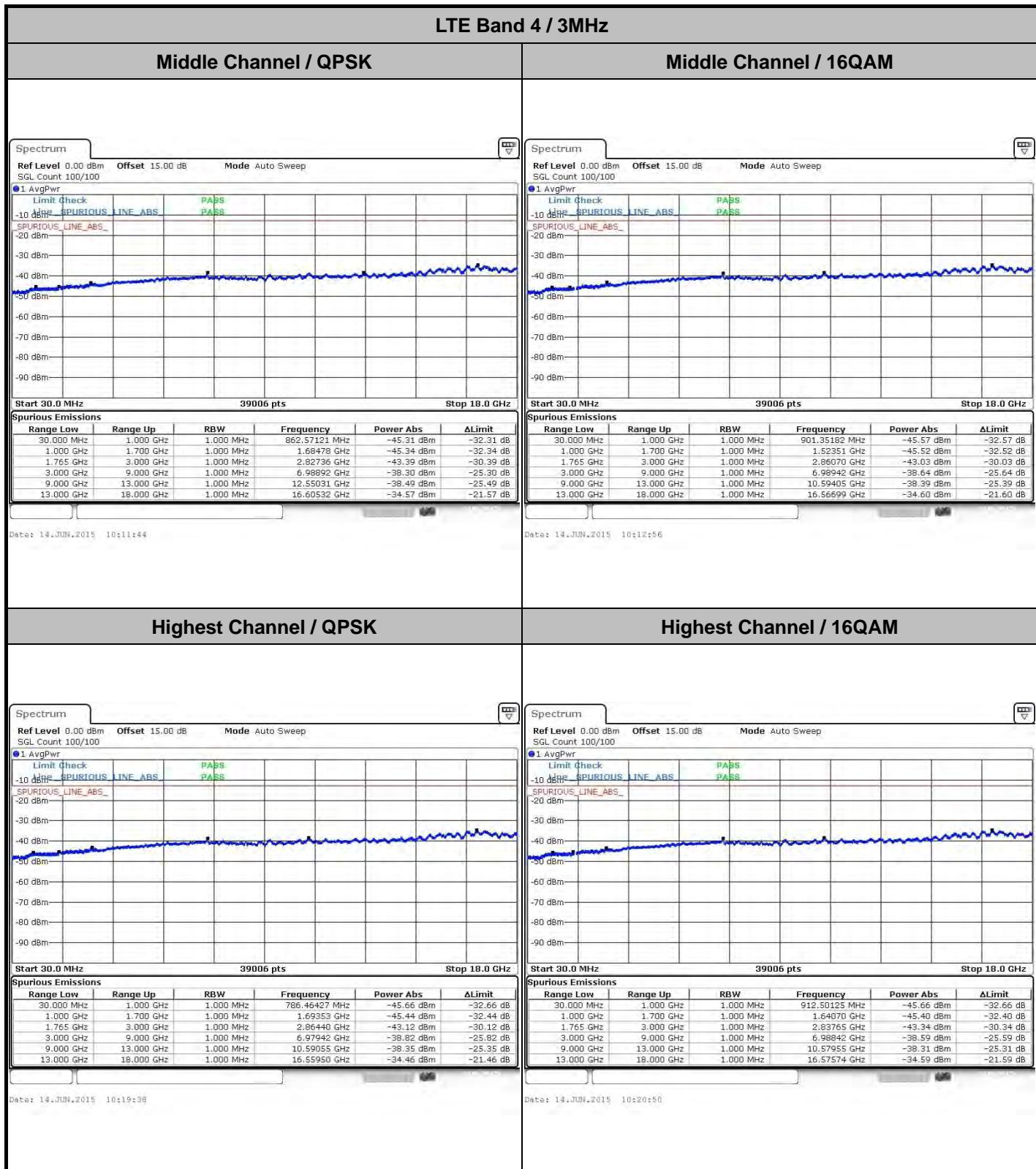


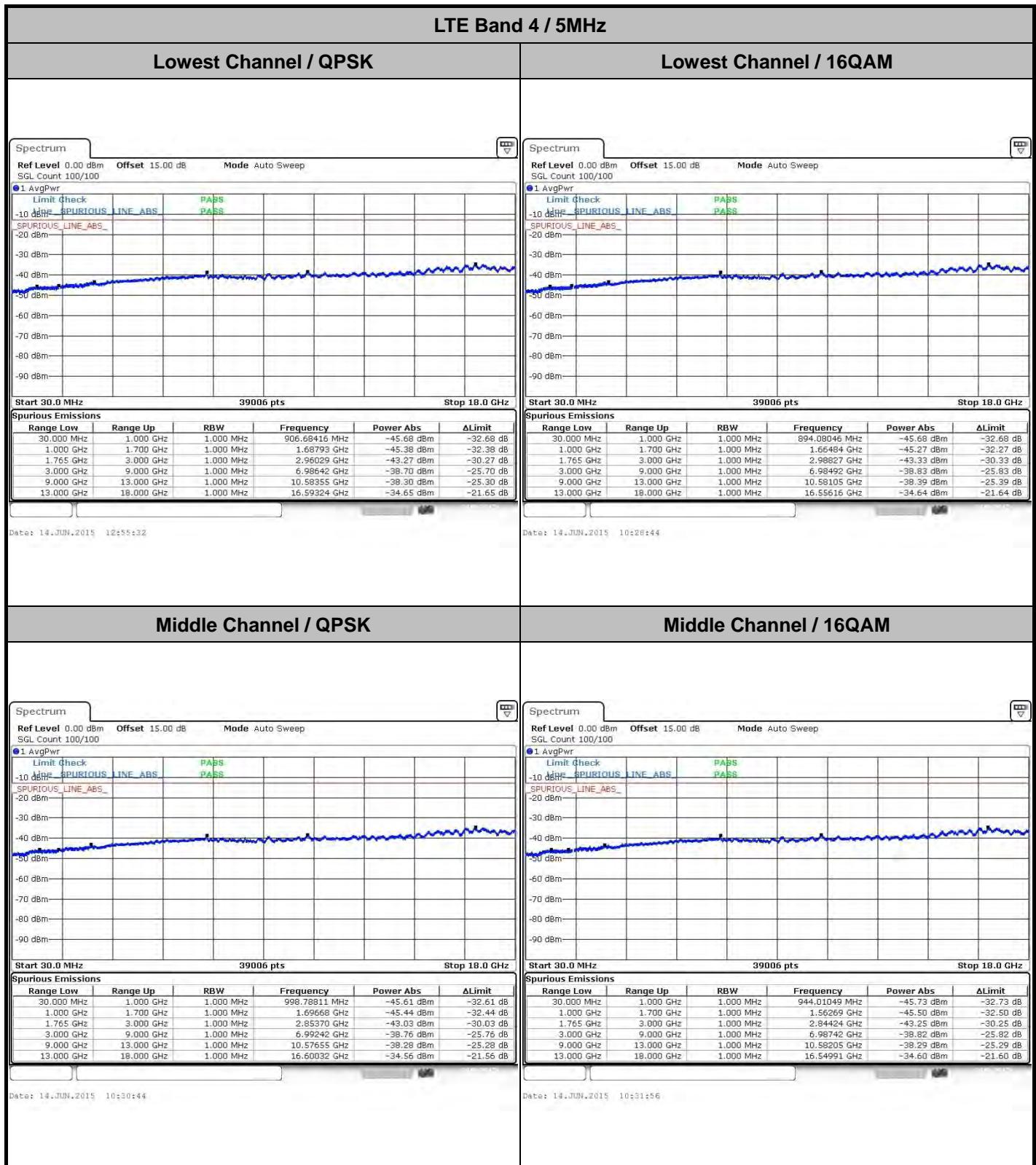
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





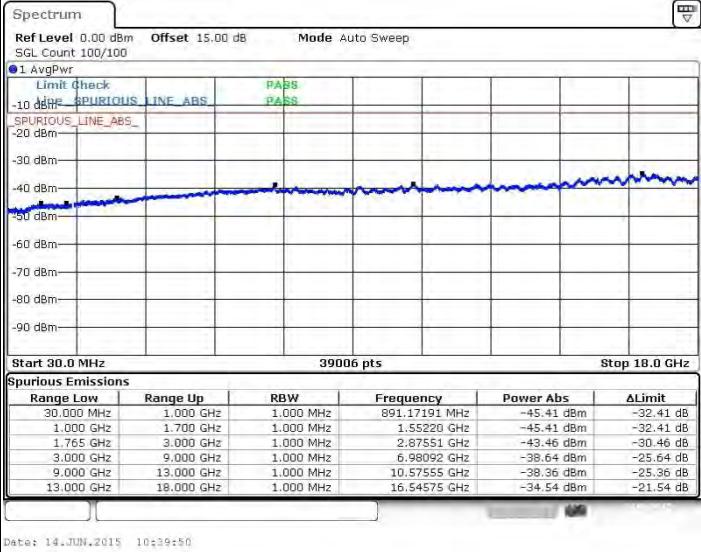
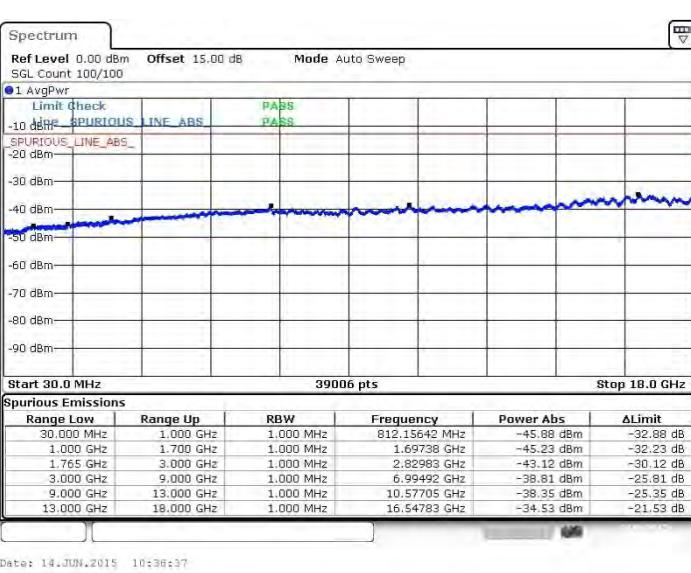




LTE Band 4 / 5MHz

Highest Channel / QPSK

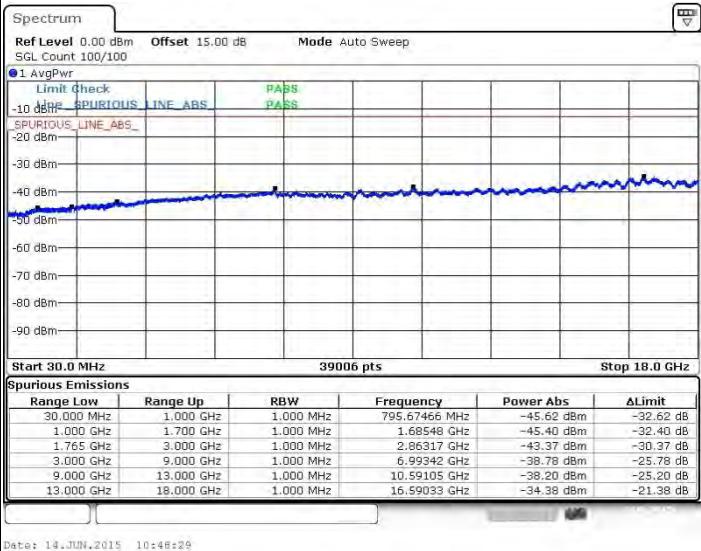
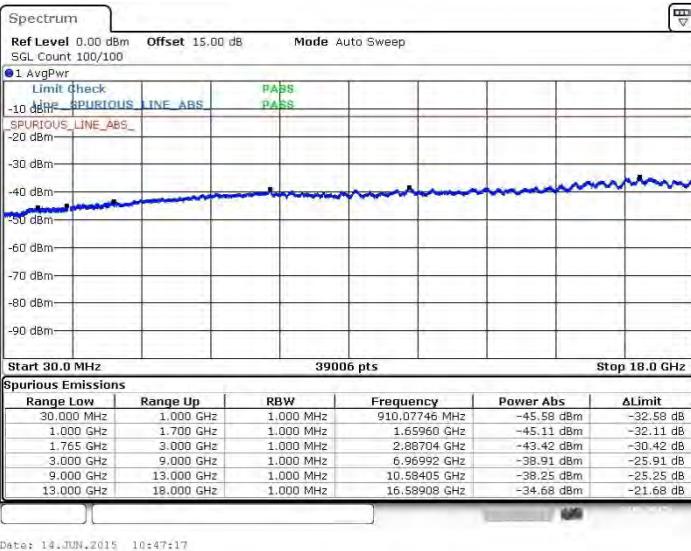
Highest Channel / 16QAM

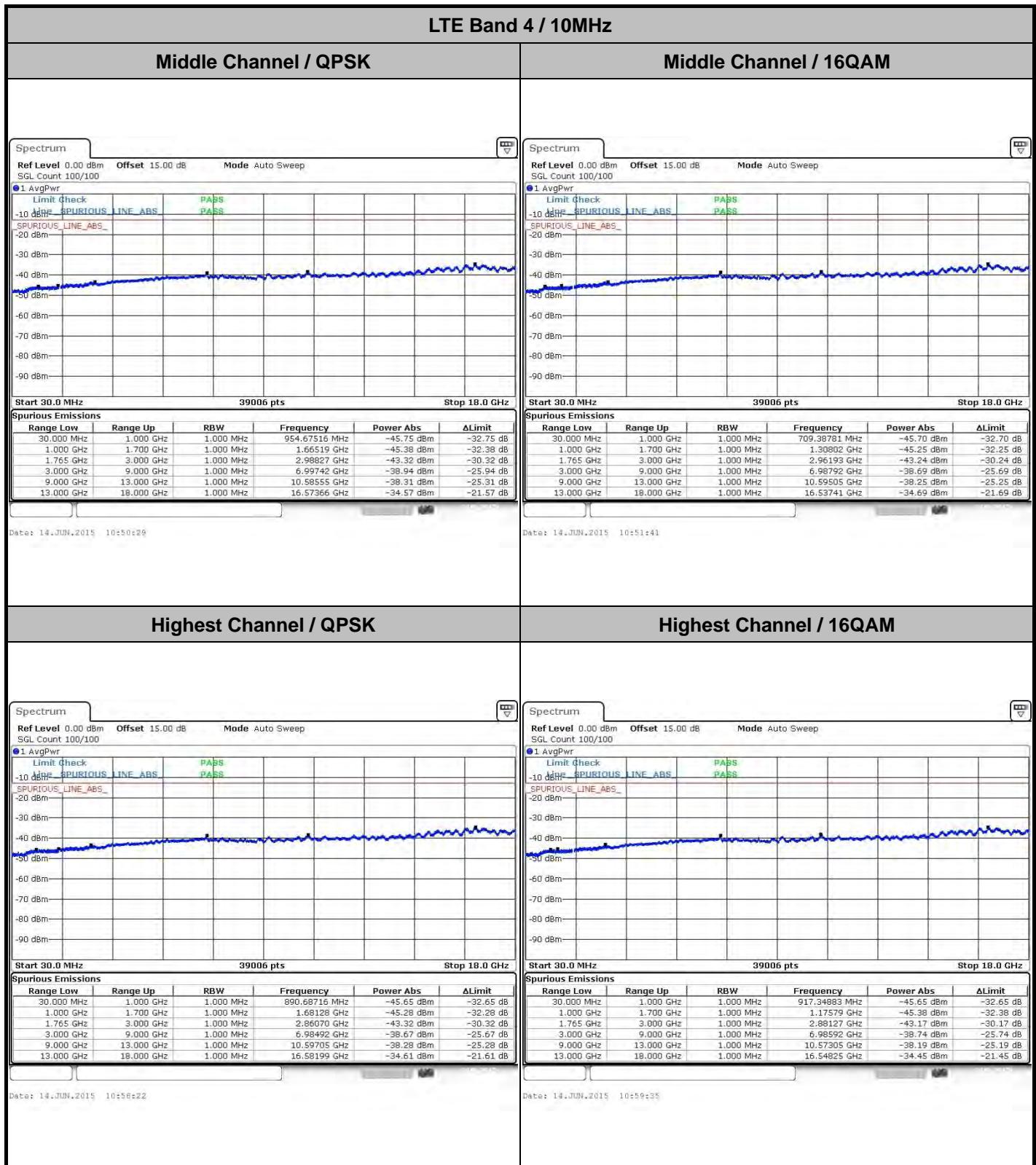


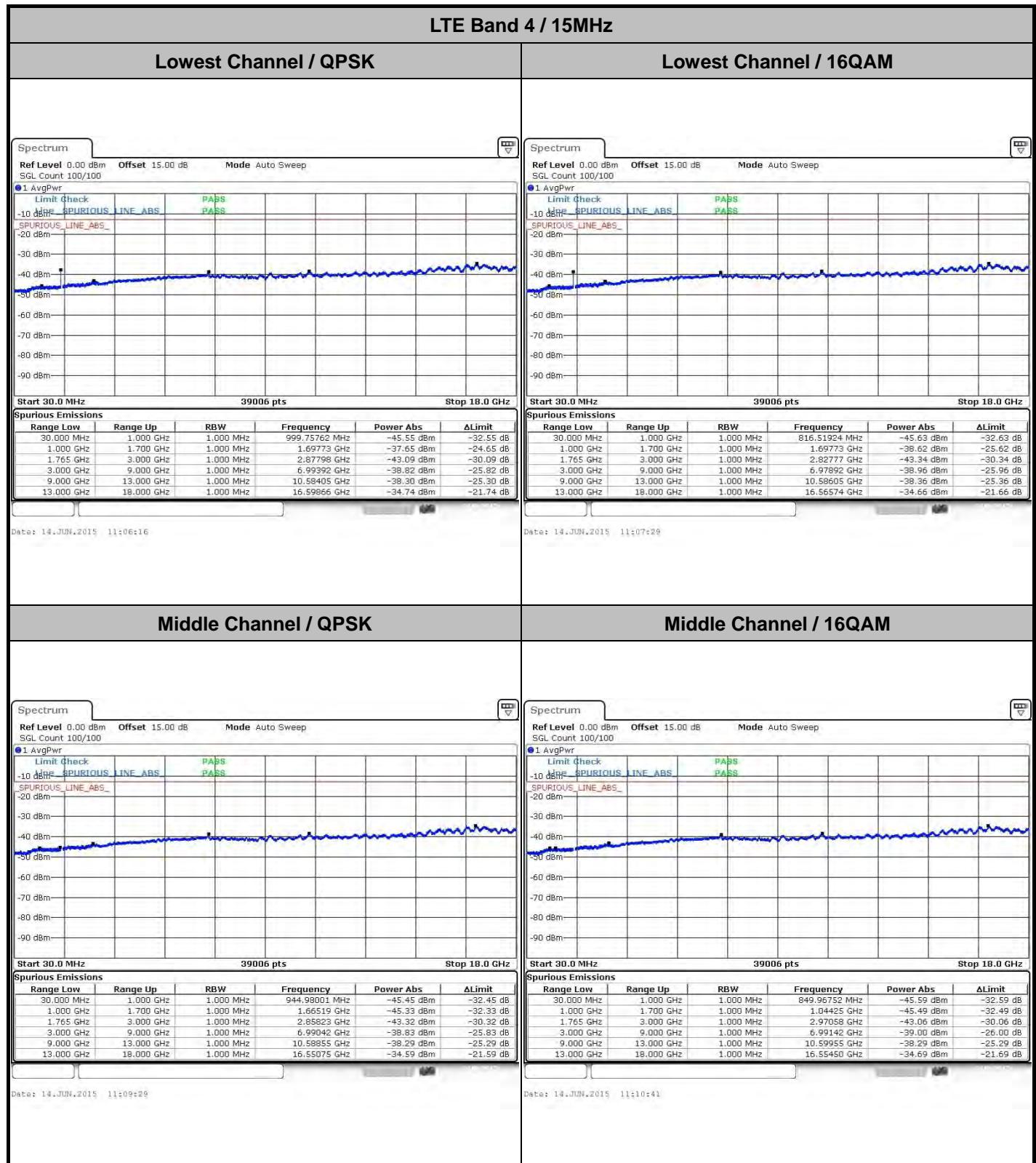
LTE Band 4 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





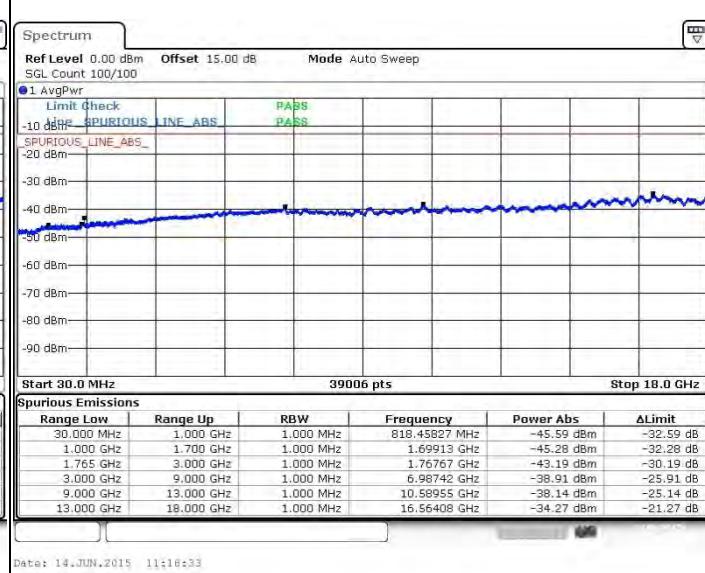
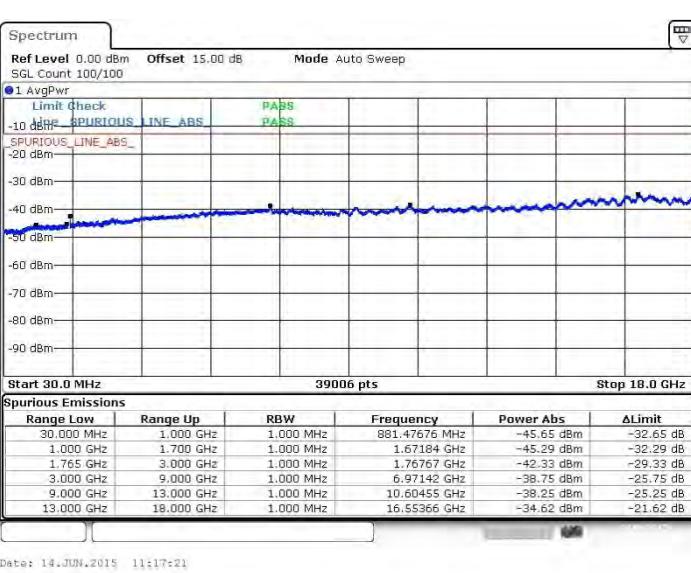




LTE Band 4 / 15MHz

Highest Channel / QPSK

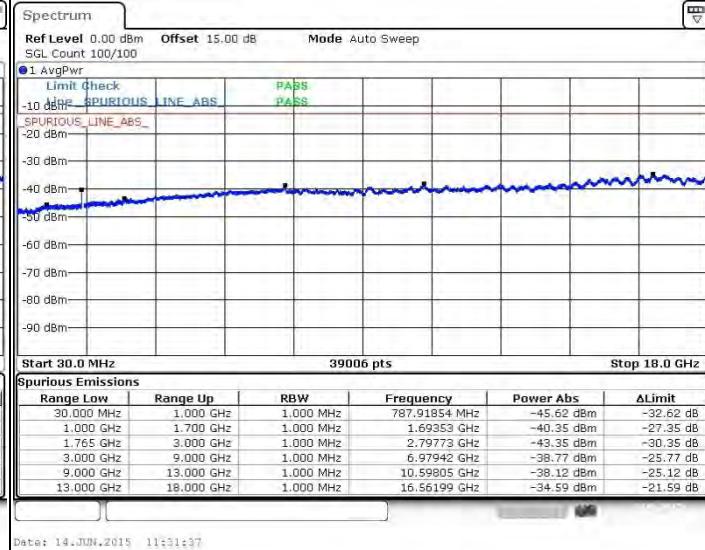
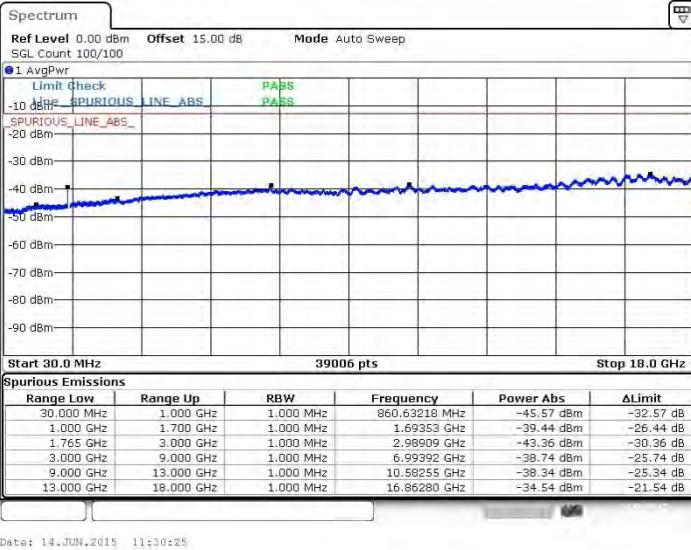
Highest Channel / 16QAM

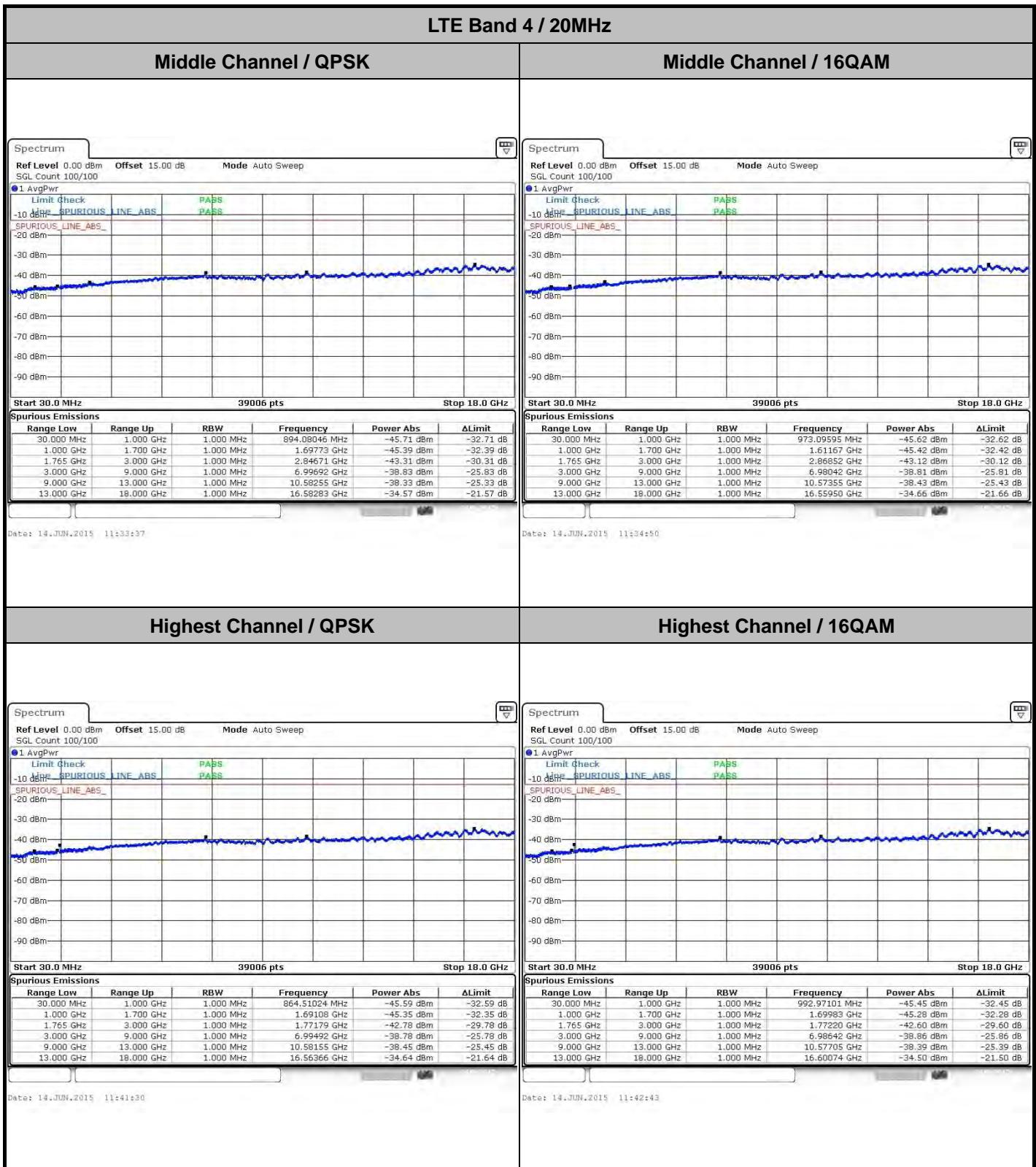


LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM







Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0000	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



LTE Band 7

Conducted Output Power(Average power)

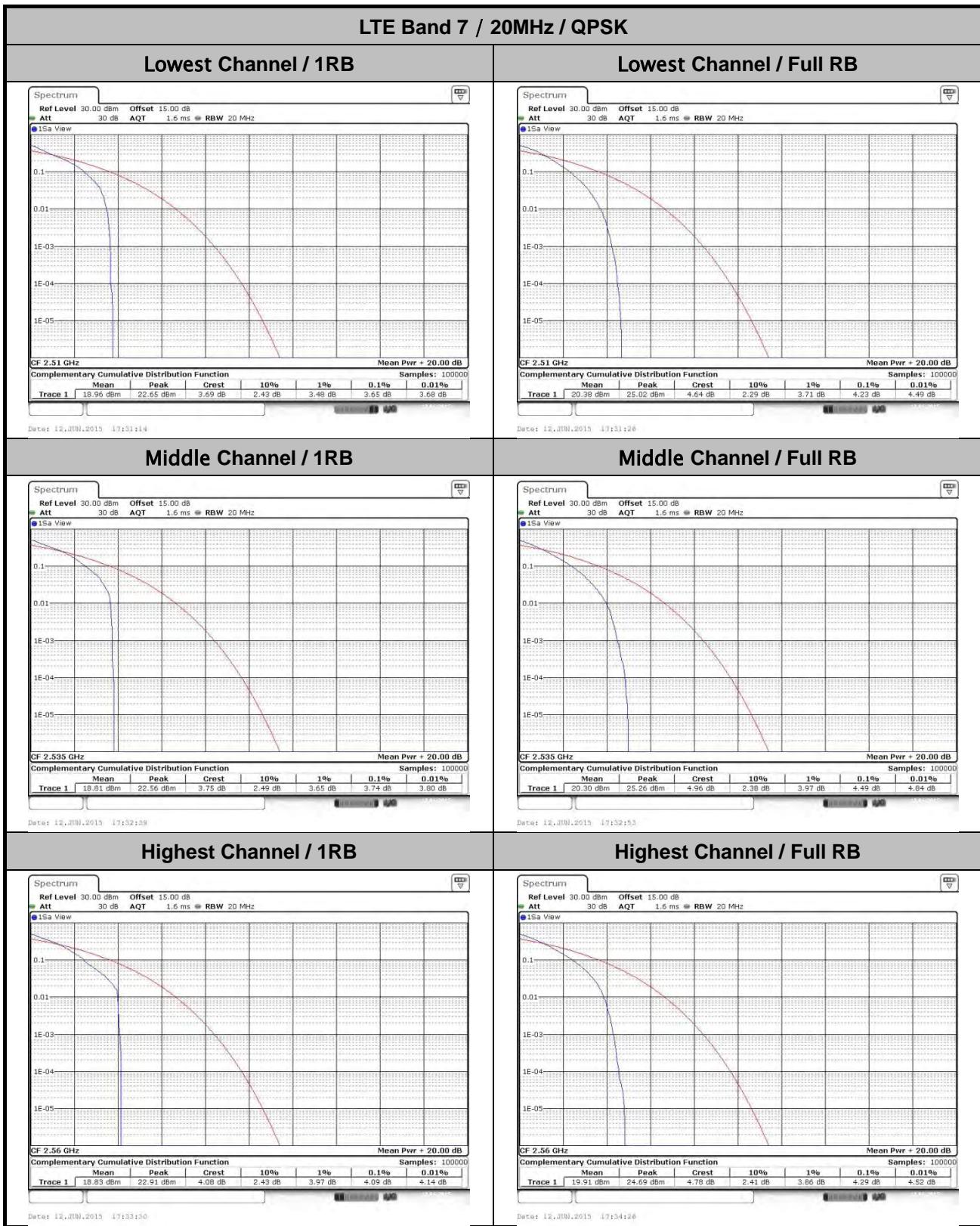
LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.84	22.79	22.84
	1	12		22.78	23.00	22.90
	1	24		23.00	22.96	22.82
	12	0		22.09	21.82	21.86
	12	6		22.08	21.93	21.89
	12	11		22.13	21.85	21.84
	25	0		22.14	21.88	21.82
	1	0		22.09	22.24	22.45
5	1	12	16-QAM	22.64	22.07	22.44
	1	24		22.65	22.21	22.06
	12	0		21.07	20.72	20.85
	12	6		21.18	20.77	20.97
	12	11		21.09	20.73	20.89
	25	0		21.21	20.91	20.88
	1	0		23.60	23.19	23.02
	1	24		23.16	23.01	22.90
10	1	49	QPSK	23.36	22.94	23.05
	25	0		22.18	21.90	21.90
	25	12		22.42	21.93	21.87
	25	24		22.29	21.88	21.87
	50	0		22.14	21.96	21.85
	1	0		22.97	22.38	22.36
	1	24		22.52	21.84	21.85
	1	49		22.28	22.20	22.45
10	25	0	16-QAM	21.32	21.06	21.00
	25	12		21.18	21.11	20.94
	25	24		21.26	20.94	20.92
	50	0		21.32	20.99	20.73

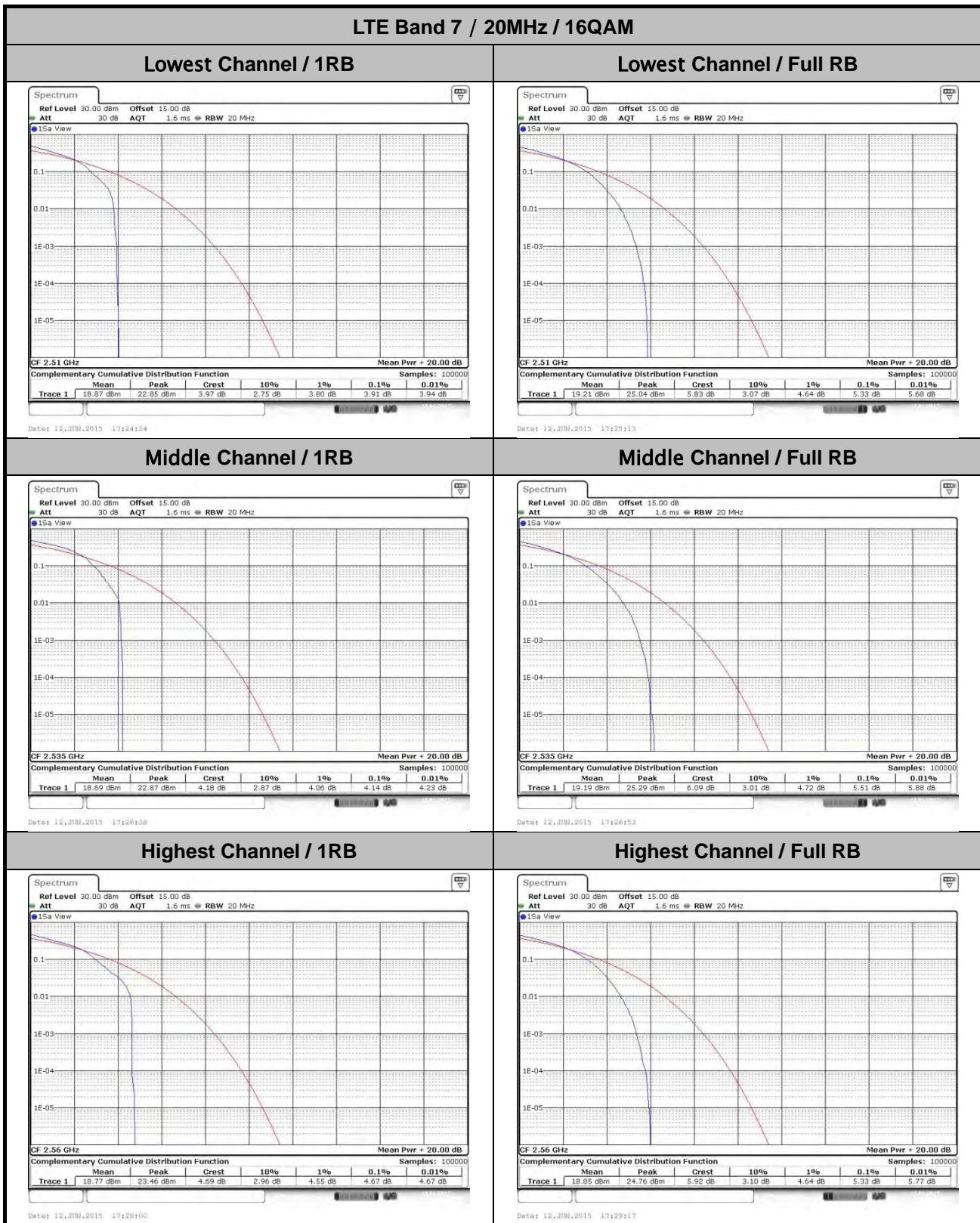


LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.56	23.07	23.28
	1	37		23.35	22.94	22.86
	1	74		23.23	23.01	22.82
	36	0		22.21	21.91	22.13
	36	18		22.17	21.85	21.91
	36	37		22.24	21.97	21.80
	75	0		22.08	21.92	21.99
15	1	0	16-QAM	22.97	22.32	22.89
	1	37		22.26	22.43	22.19
	1	74		22.69	22.50	22.17
	36	0		21.22	20.90	21.16
	36	18		21.08	20.87	20.94
	36	37		21.06	21.02	20.86
	75	0		21.24	20.82	20.78
20	1	0	QPSK	23.64	23.06	23.12
	1	49		23.33	23.05	23.04
	1	99		23.06	22.95	22.78
	50	0		22.17	22.01	22.15
	50	24		21.96	21.94	22.01
	50	49		22.04	22.09	21.80
	100	0		22.43	21.93	22.01
20	1	0	16-QAM	22.96	22.25	22.68
	1	49		22.21	22.56	22.18
	1	99		22.22	21.99	22.18
	50	0		21.15	20.88	21.15
	50	24		21.07	20.86	20.99
	50	49		21.12	20.85	20.74
	100	0		21.00	20.84	20.94

**Peak-to-Average Ratio**

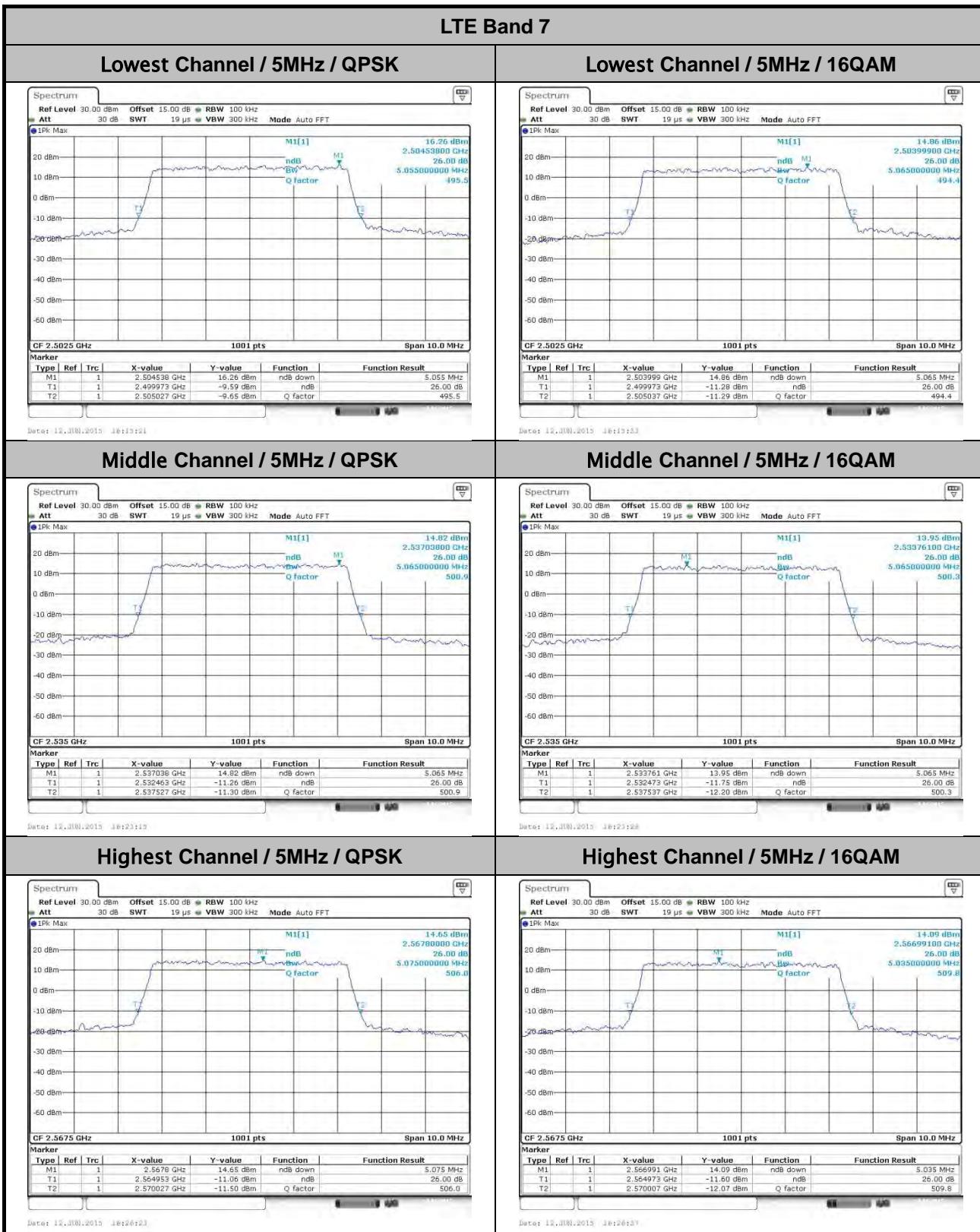
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.65	4.23	3.91	5.33	PASS
Middle CH	3.74	4.49	4.14	5.51	
Highest CH	4.09	4.29	4.67	5.33	

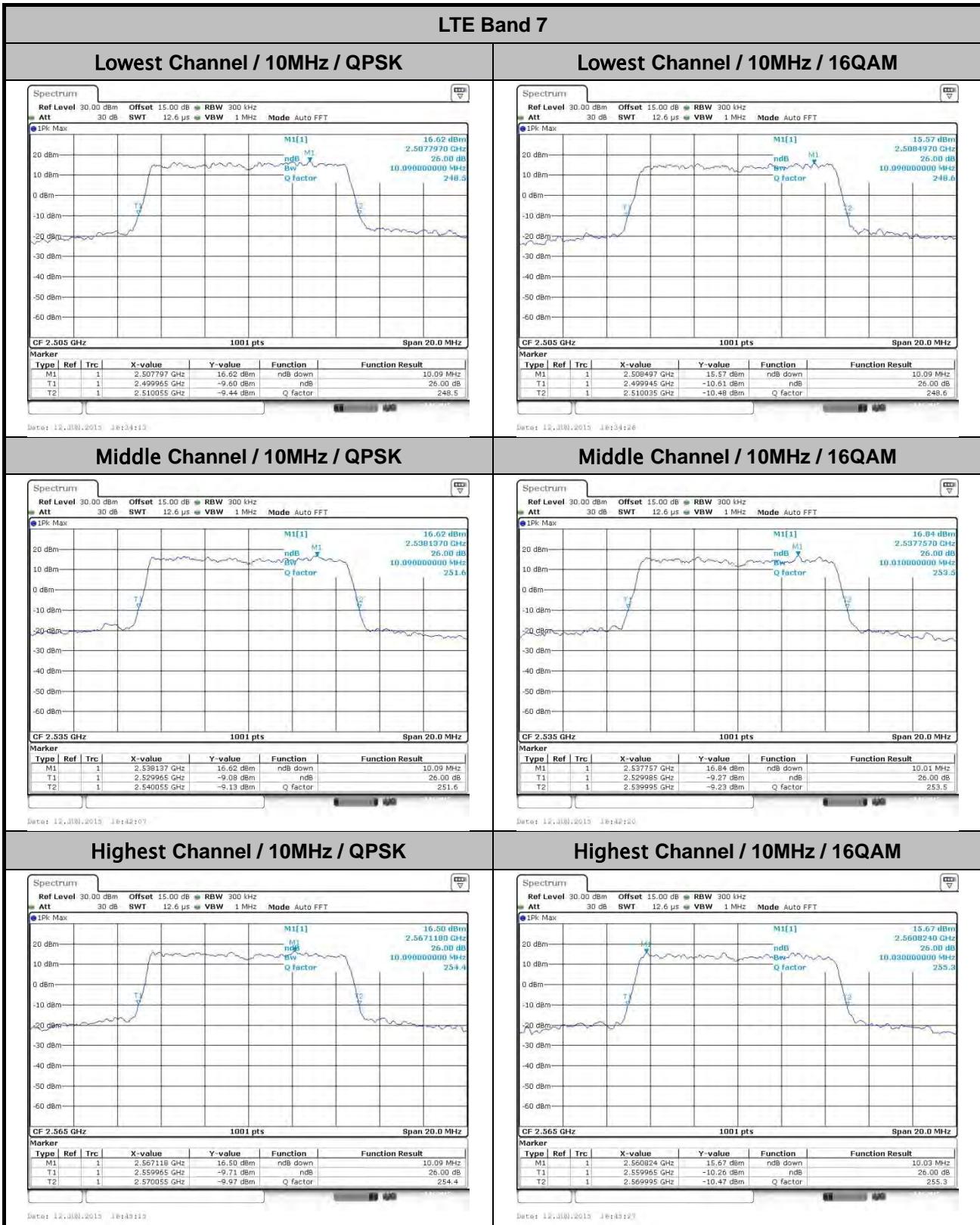


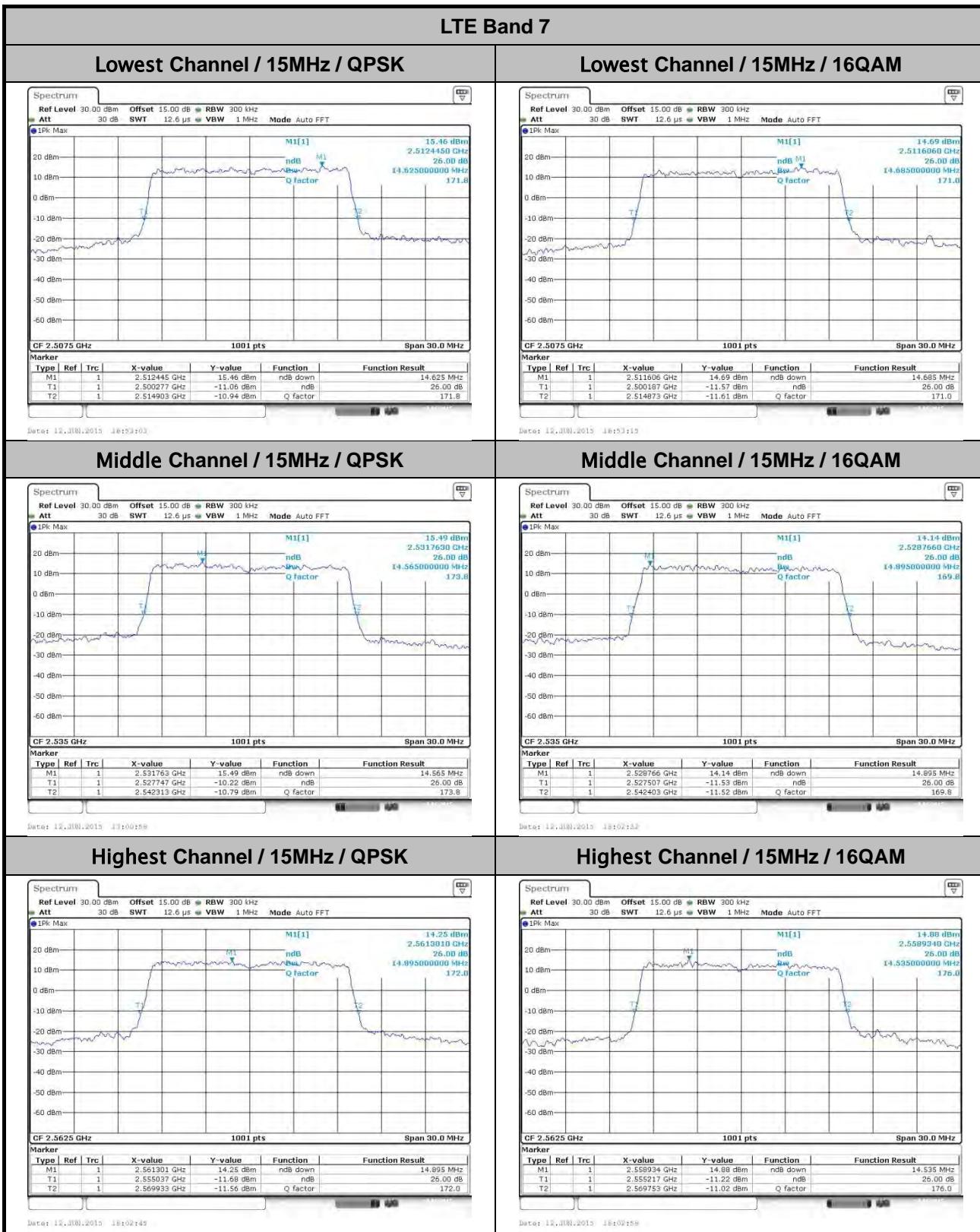


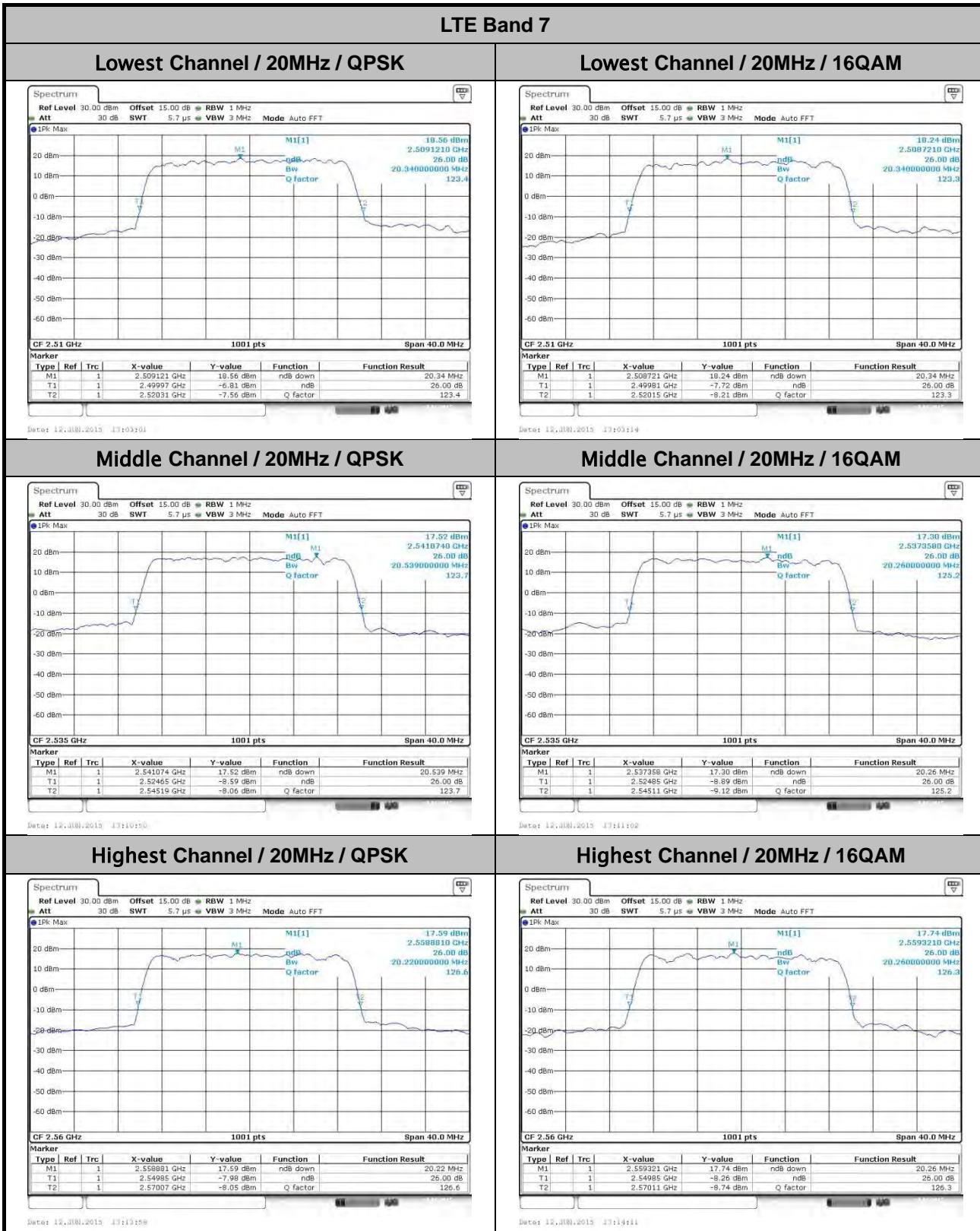
**26dB Bandwidth**

Mode	LTE Band 7 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.06	5.07	10.09	10.09	14.63	14.69	20.34	20.34
Middle CH	-	-	-	-	5.07	5.07	10.09	10.01	14.57	14.90	20.54	20.26
Highest CH	-	-	-	-	5.08	5.04	10.09	10.03	14.90	14.54	20.22	20.26



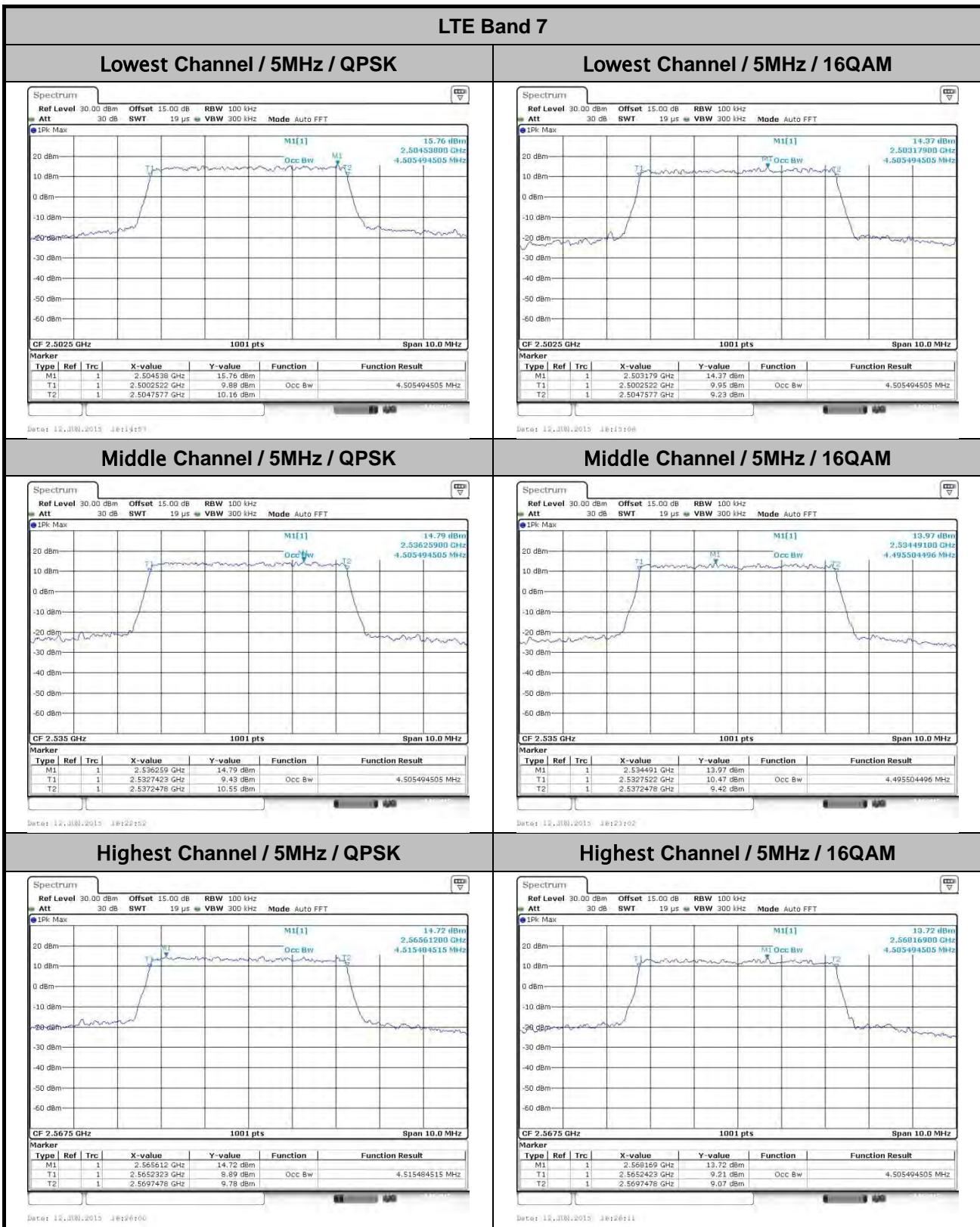


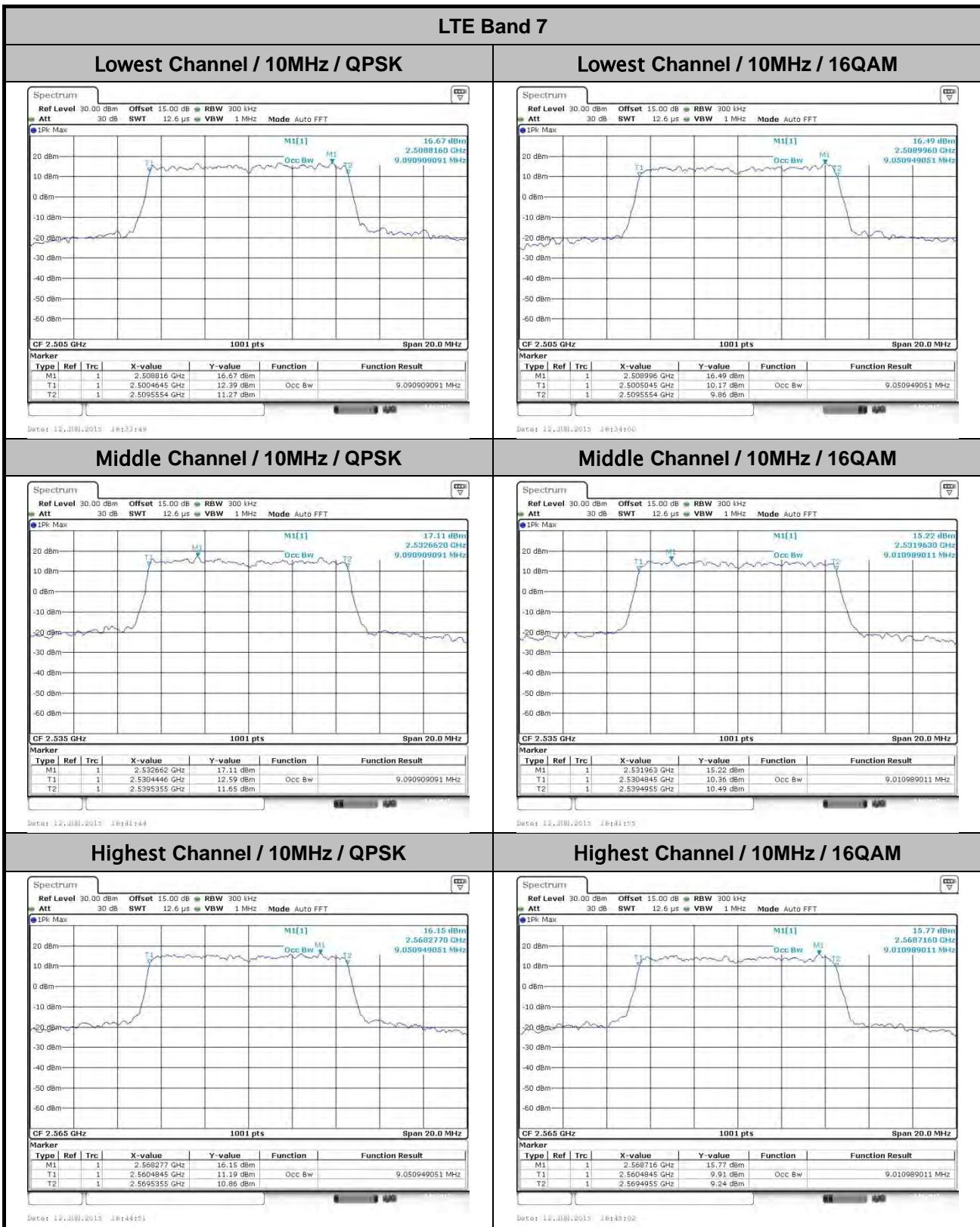


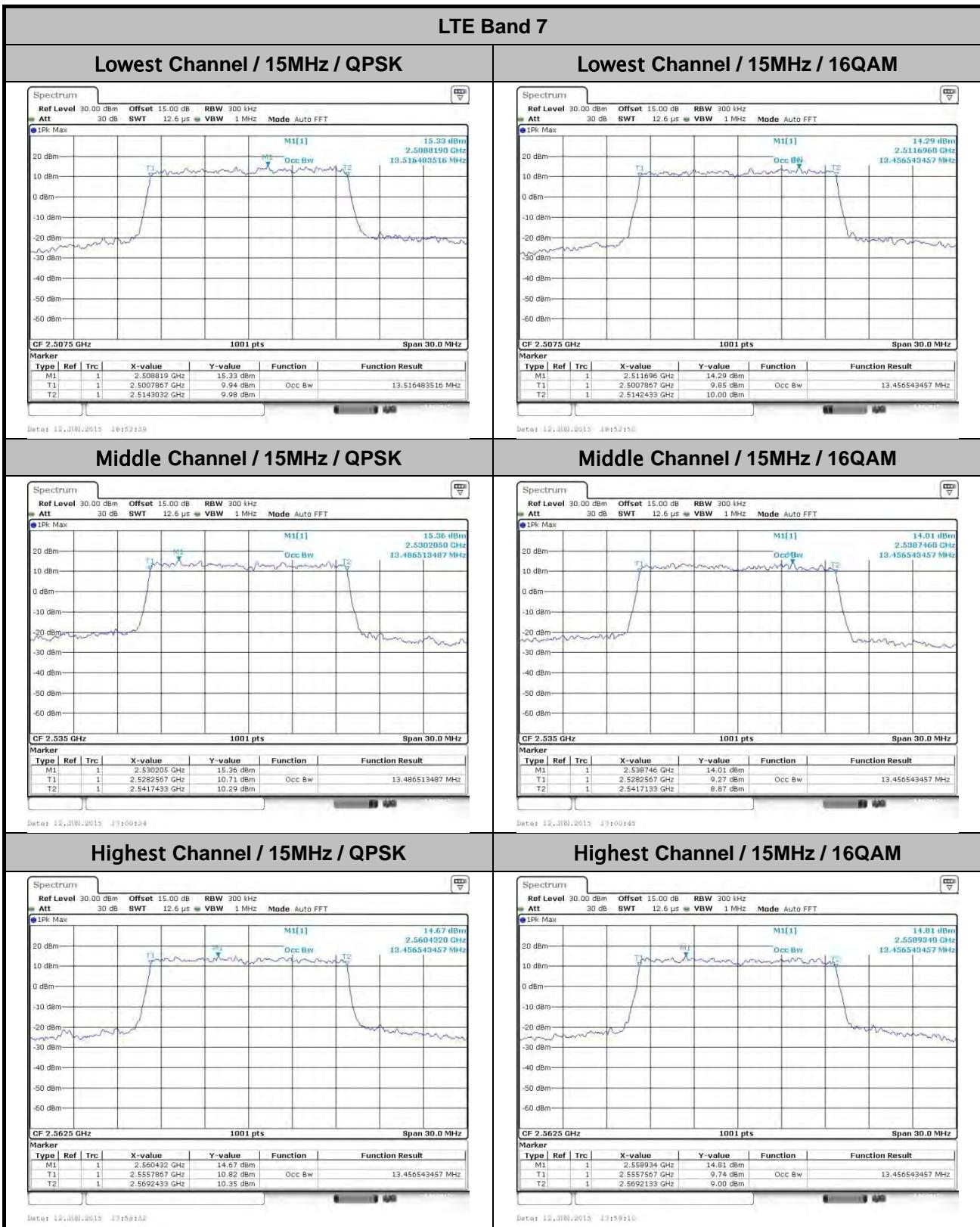


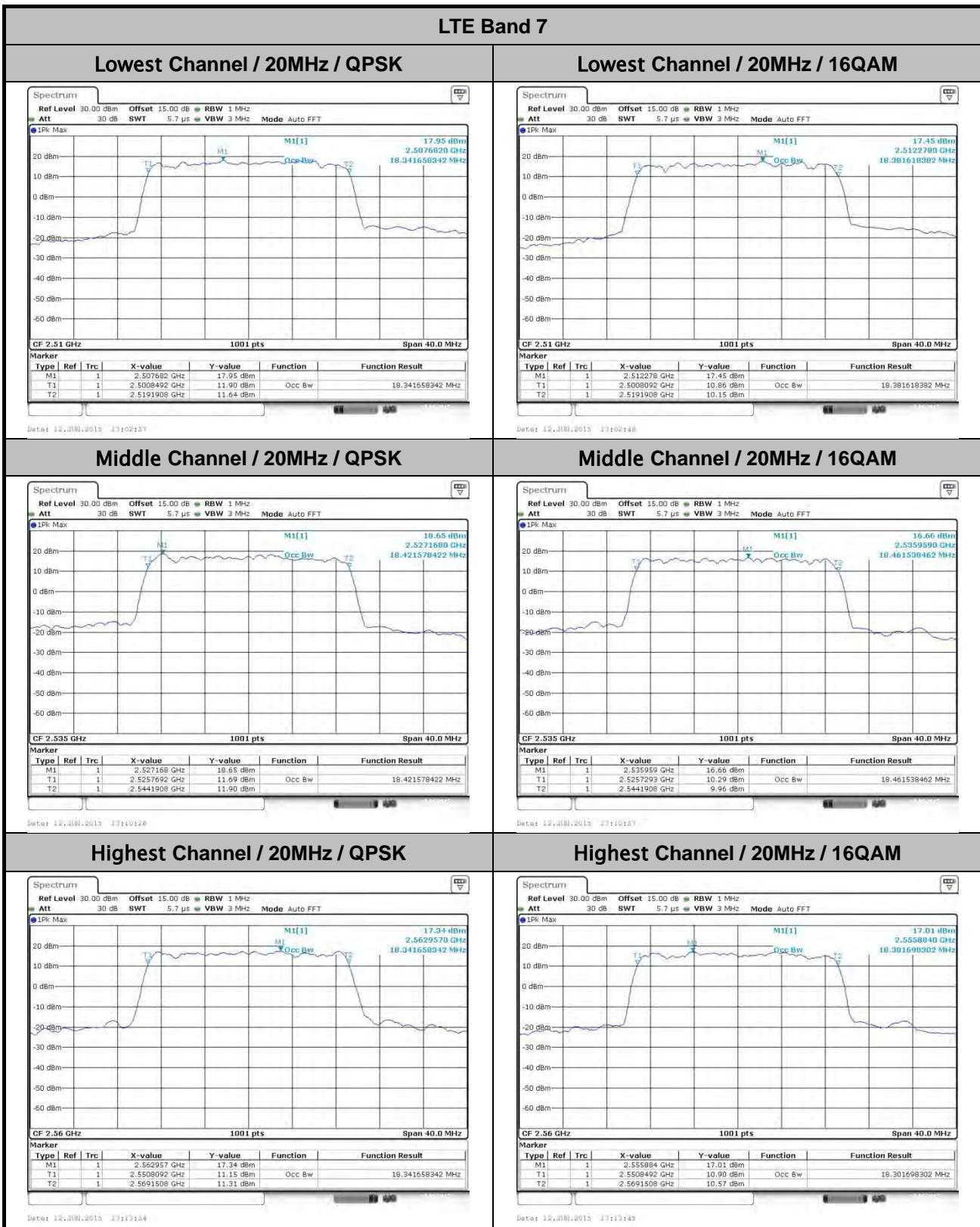
**Occupied Bandwidth**

Mode	LTE Band 7 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	9.09	9.05	13.52	13.46	18.34	18.38
Middle CH	-	-	-	-	4.51	4.50	9.09	9.01	13.49	13.46	18.42	18.46
Highest CH	-	-	-	-	4.52	4.51	9.05	9.01	13.46	13.46	18.34	18.30



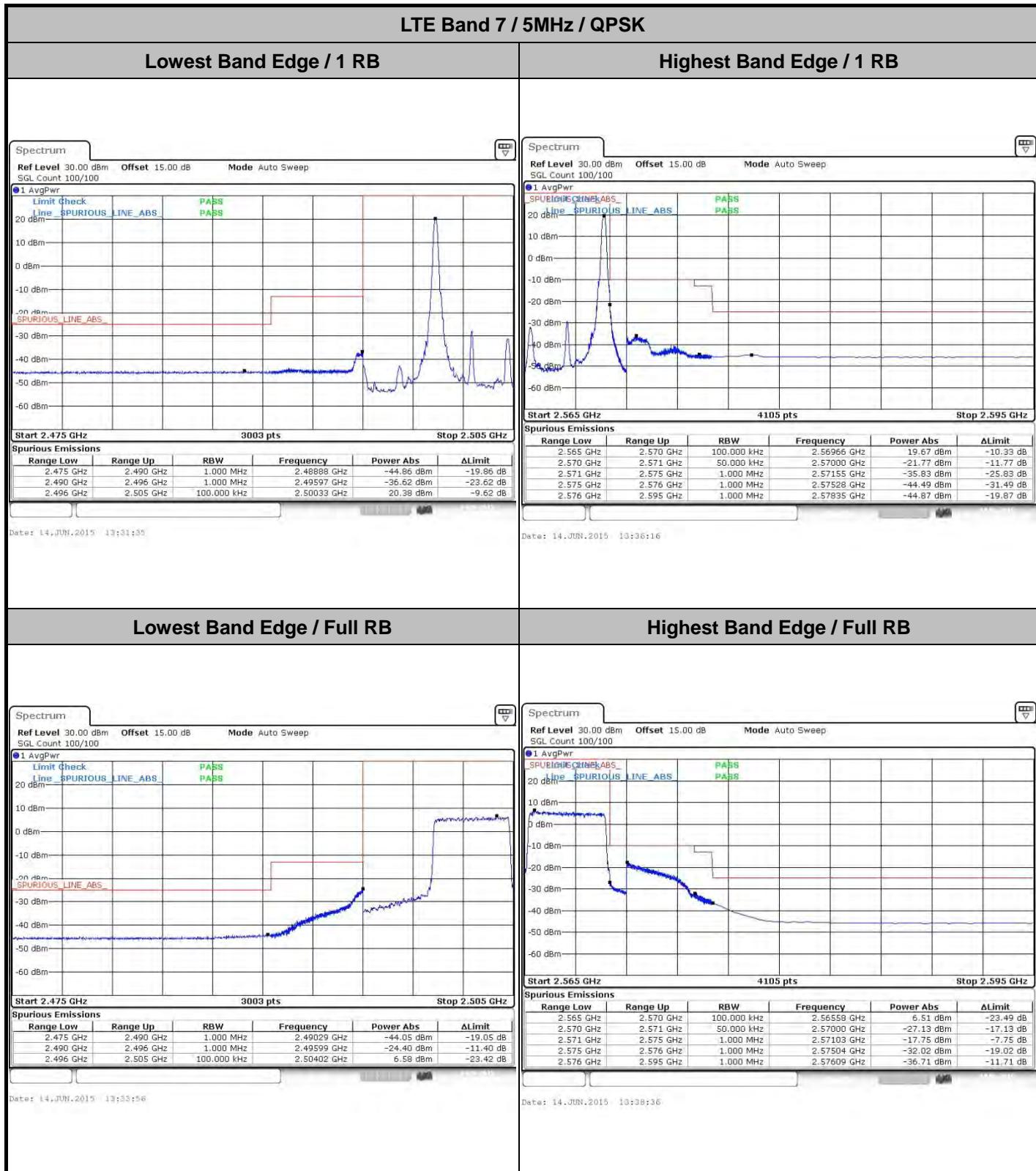


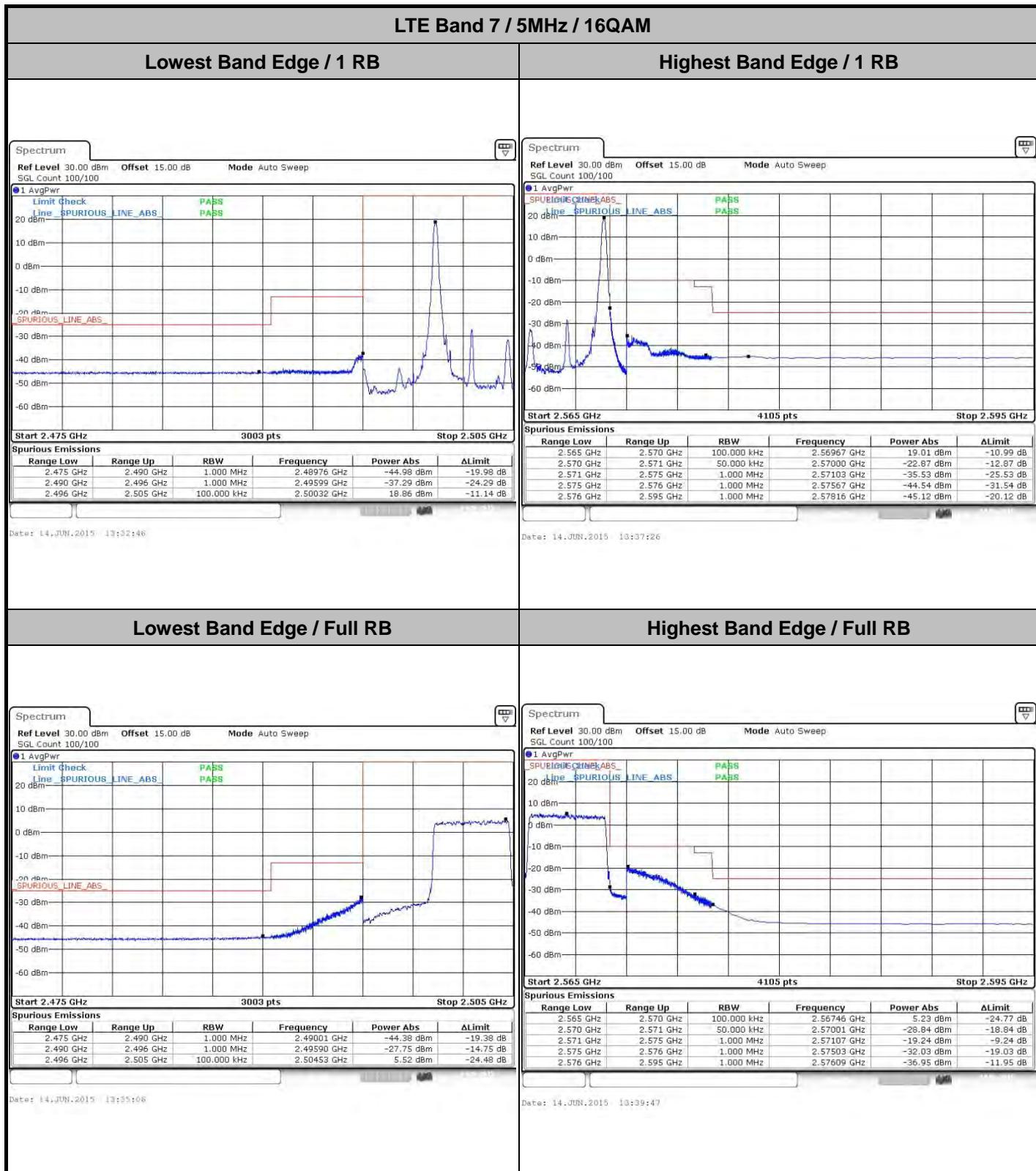


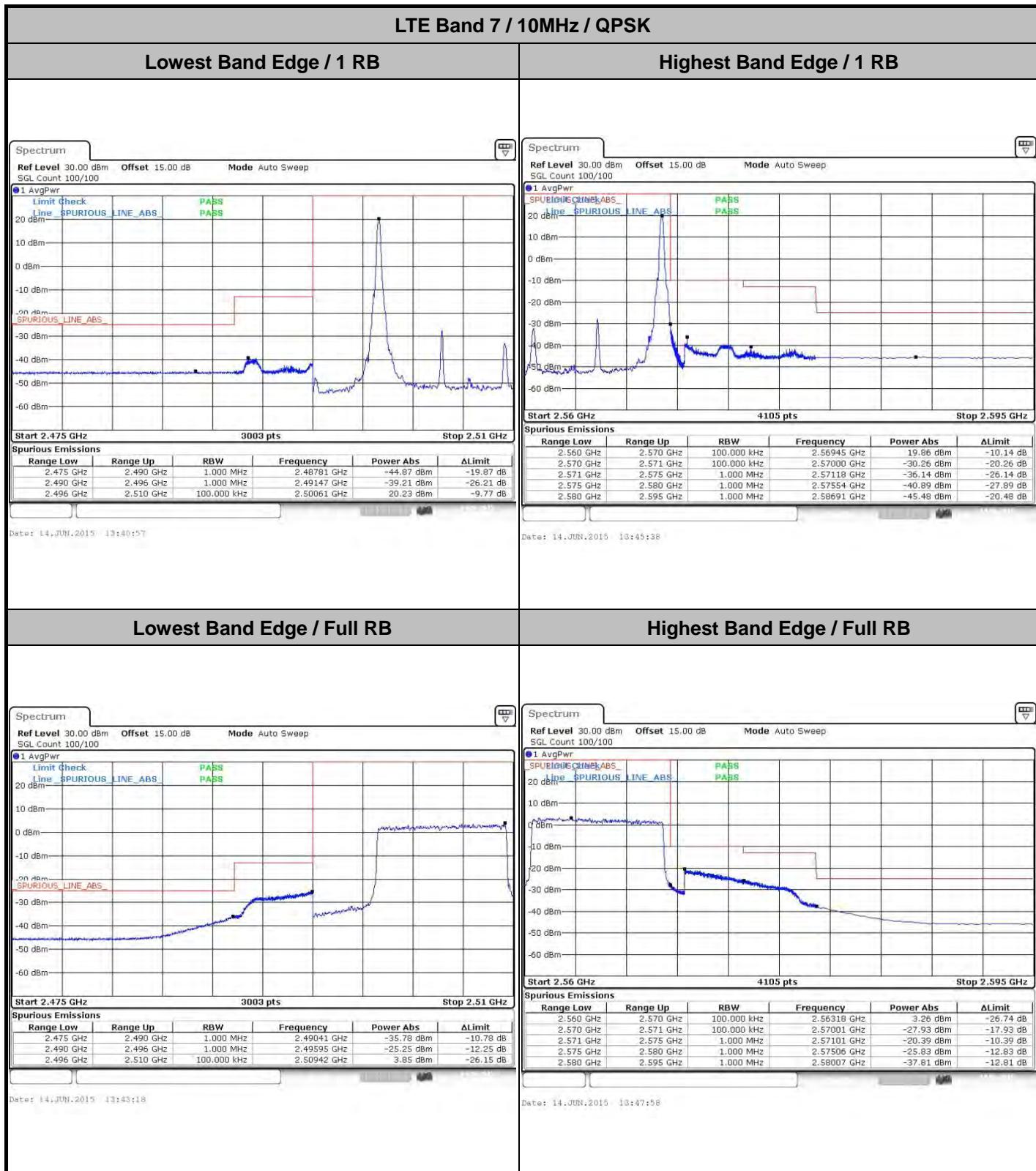


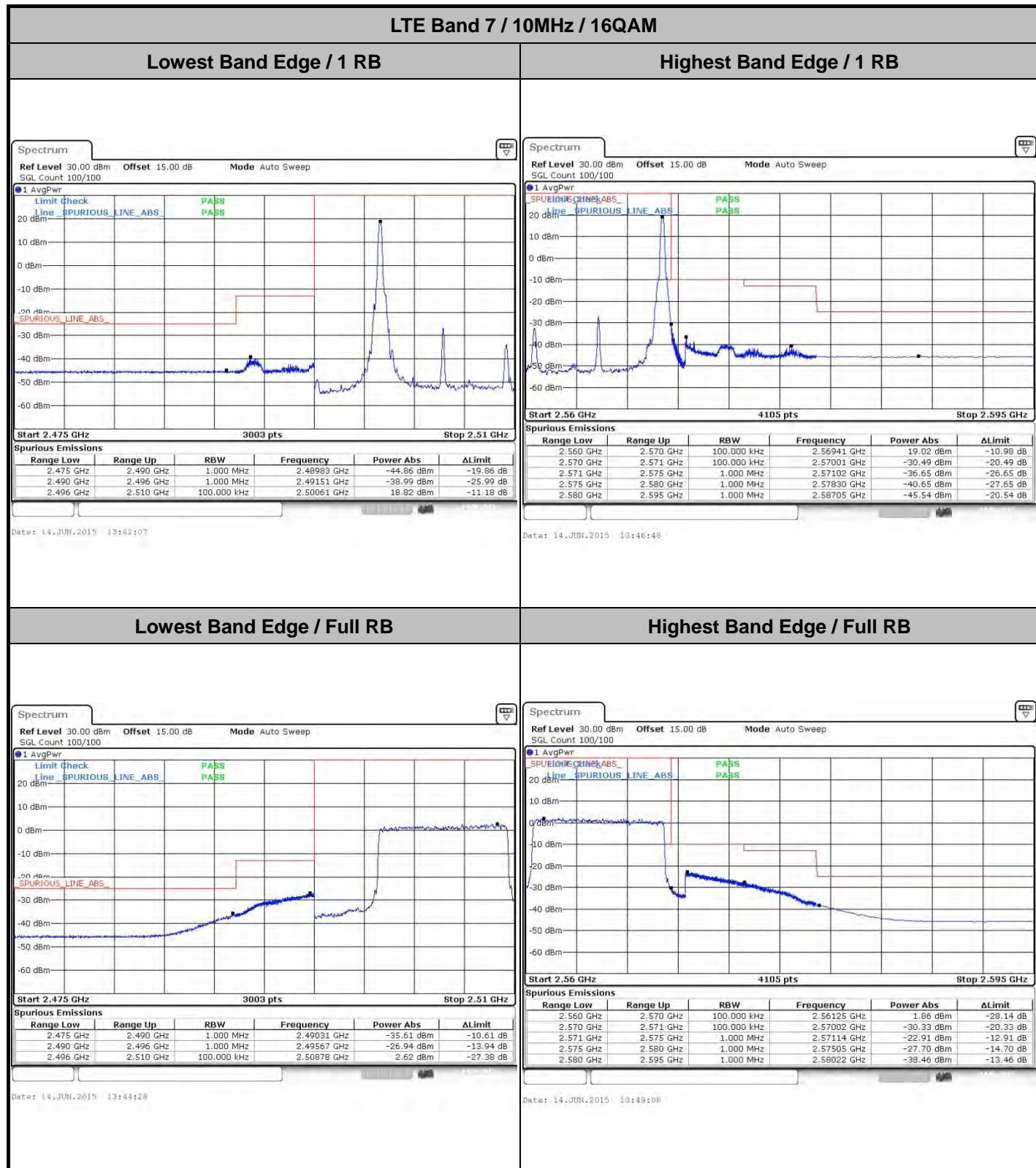


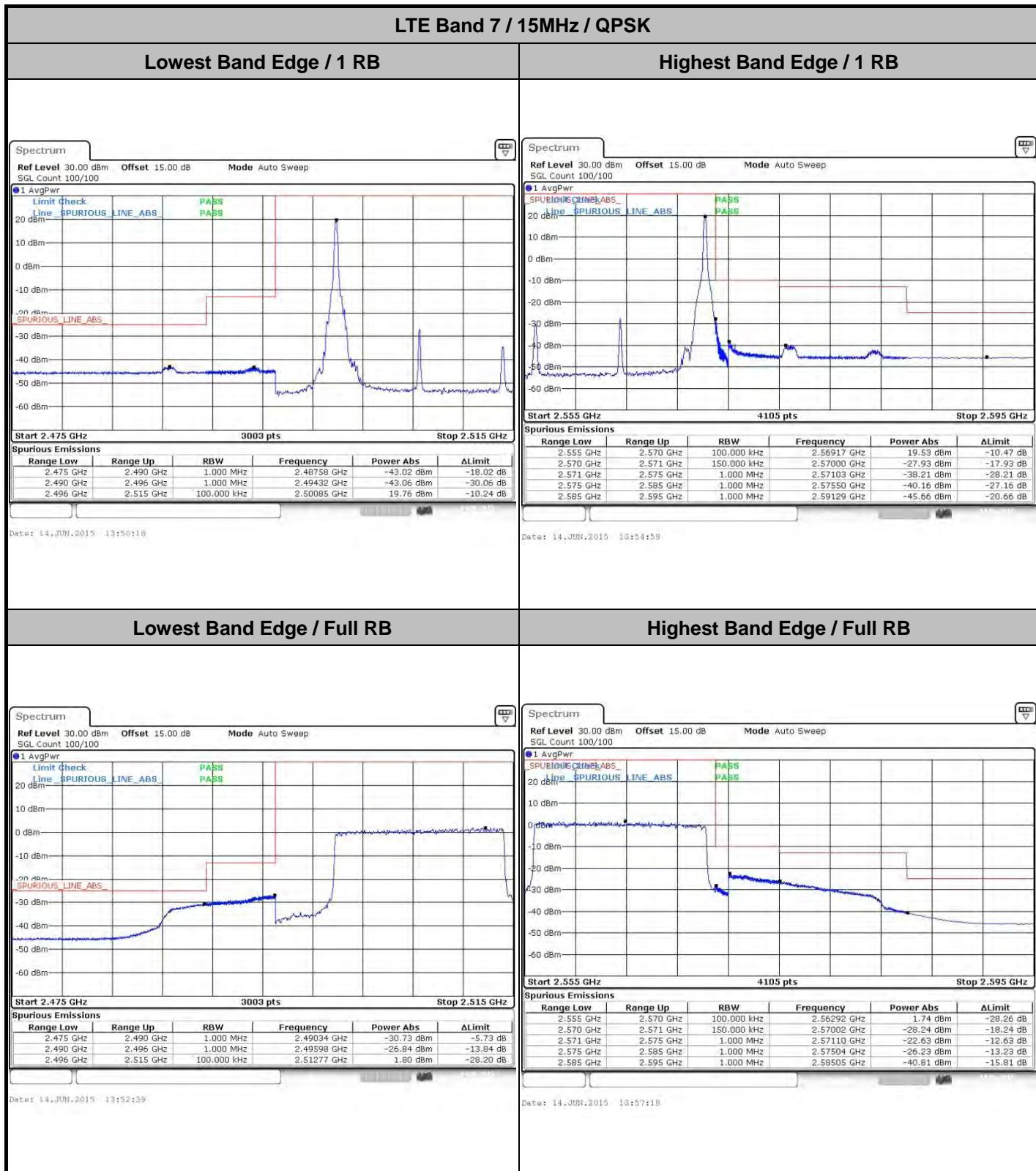
Conducted Band Edge

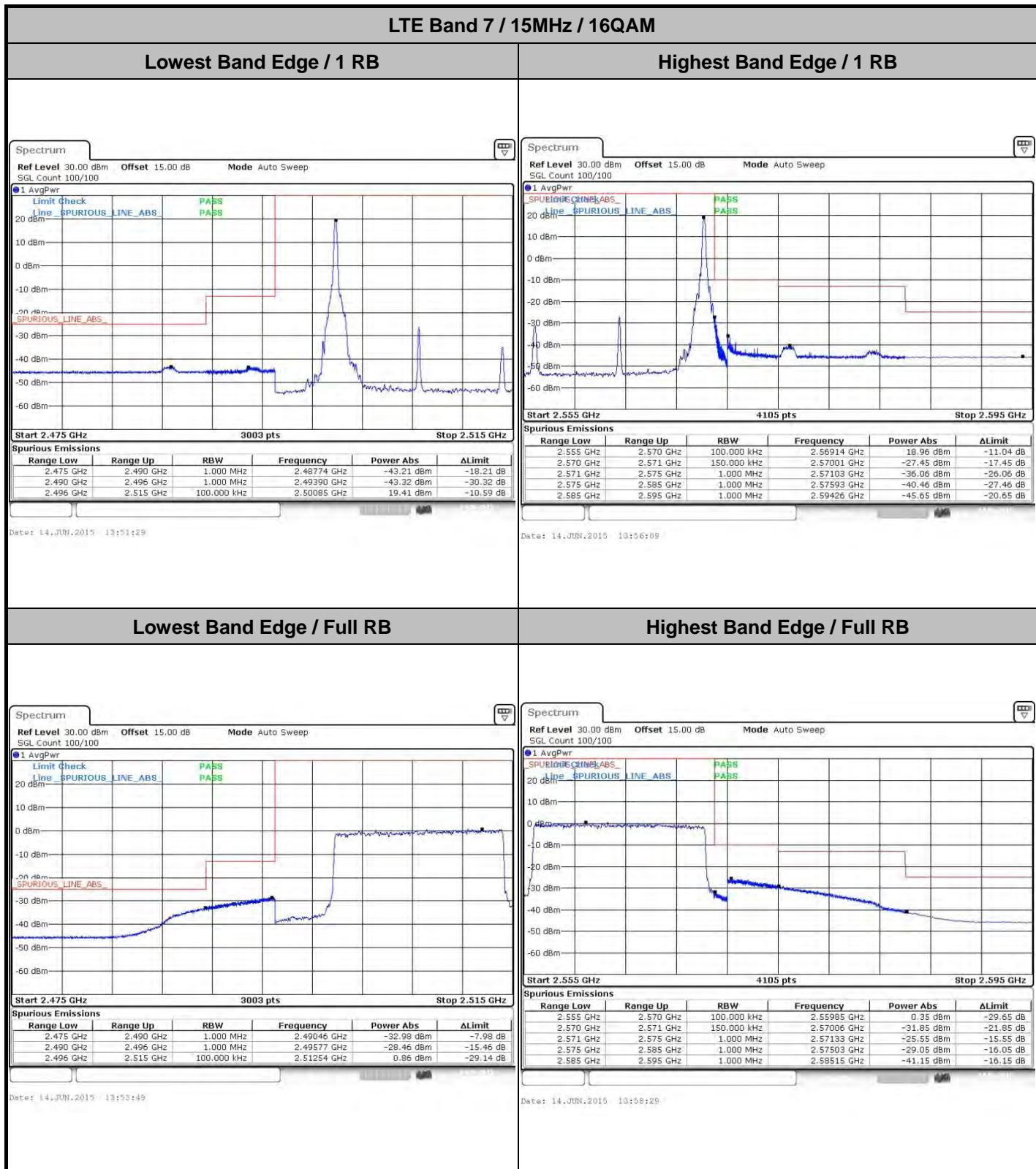


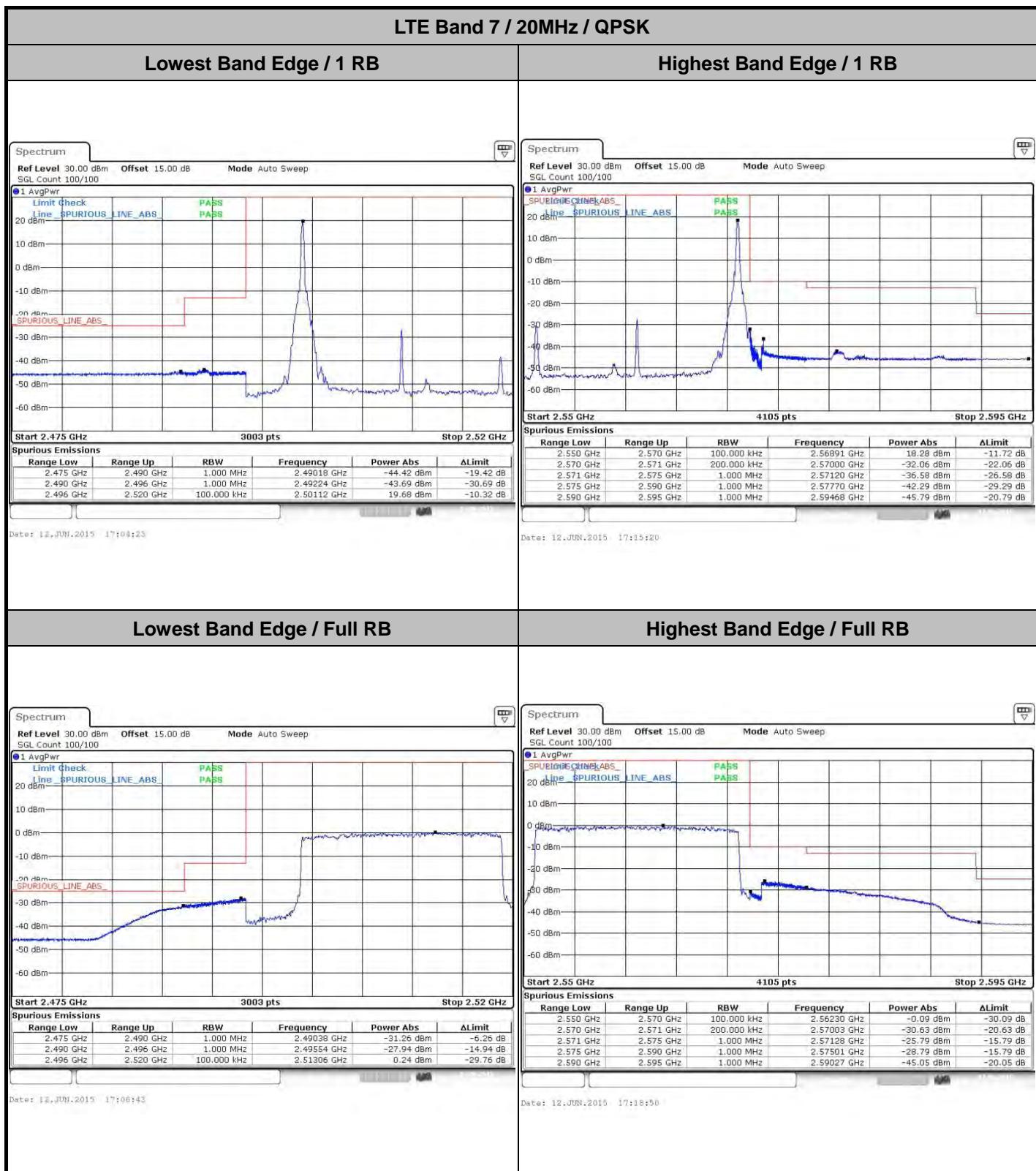


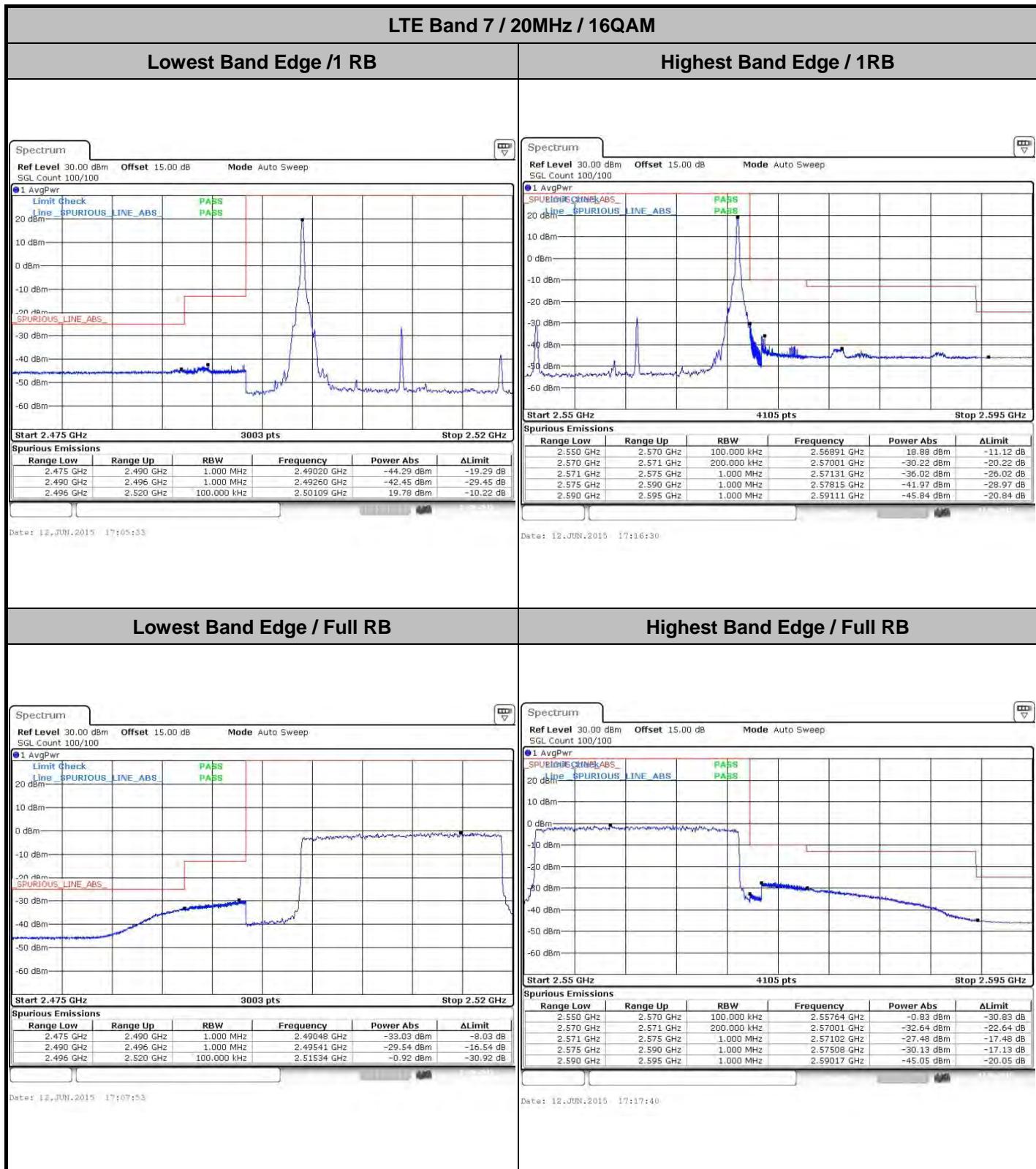












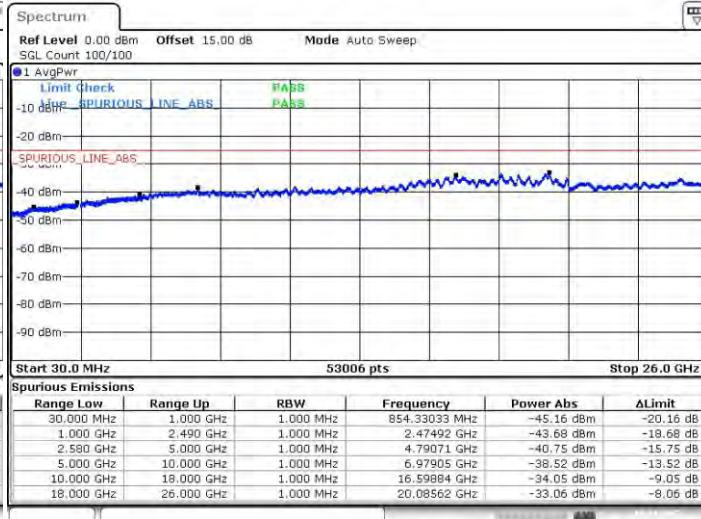
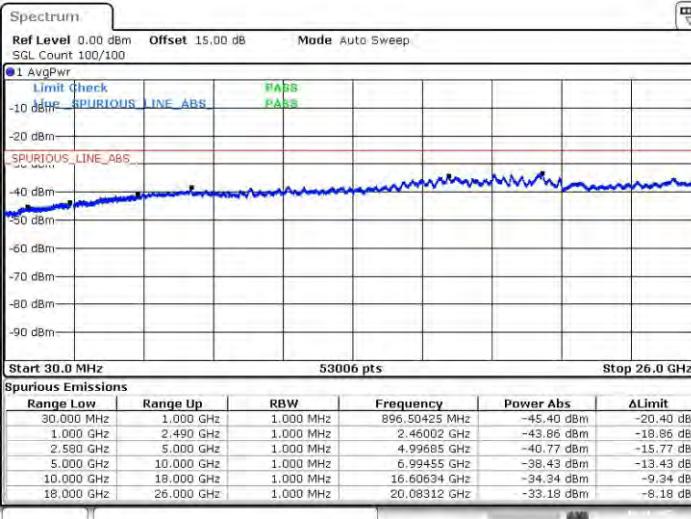


Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

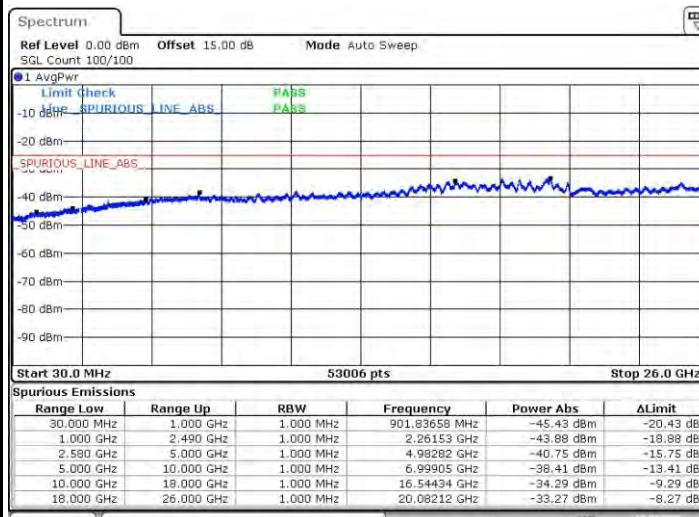


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Date: 10.JUL.2015 14:21:39

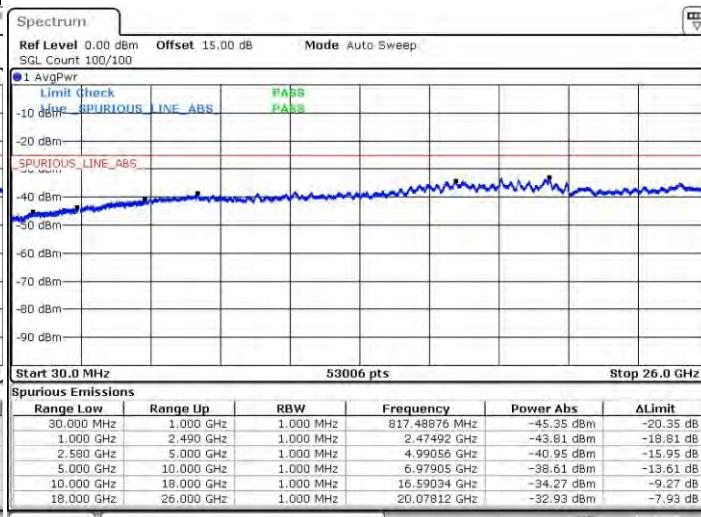
Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10.JUL.2015 14:22:48

Date: 10.JUL.2015 14:23:58

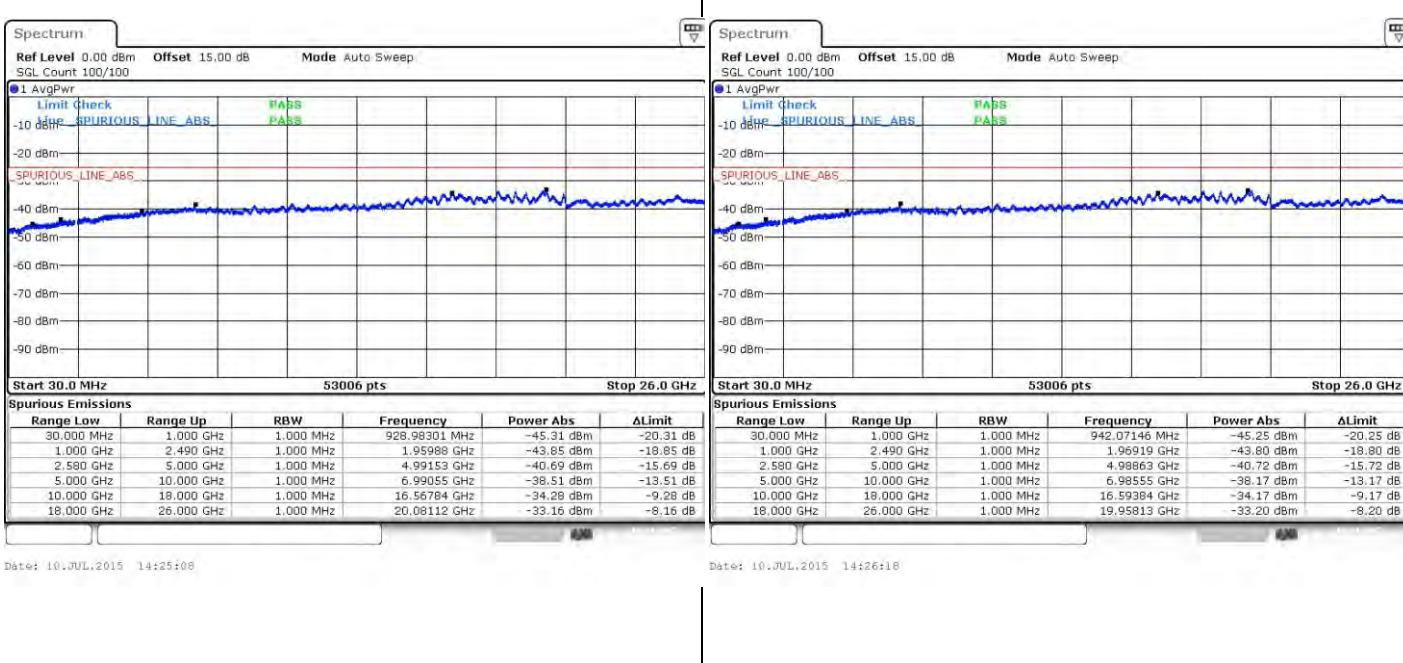




LTE Band 7 / 5MHz

Highest Channel / QPSK

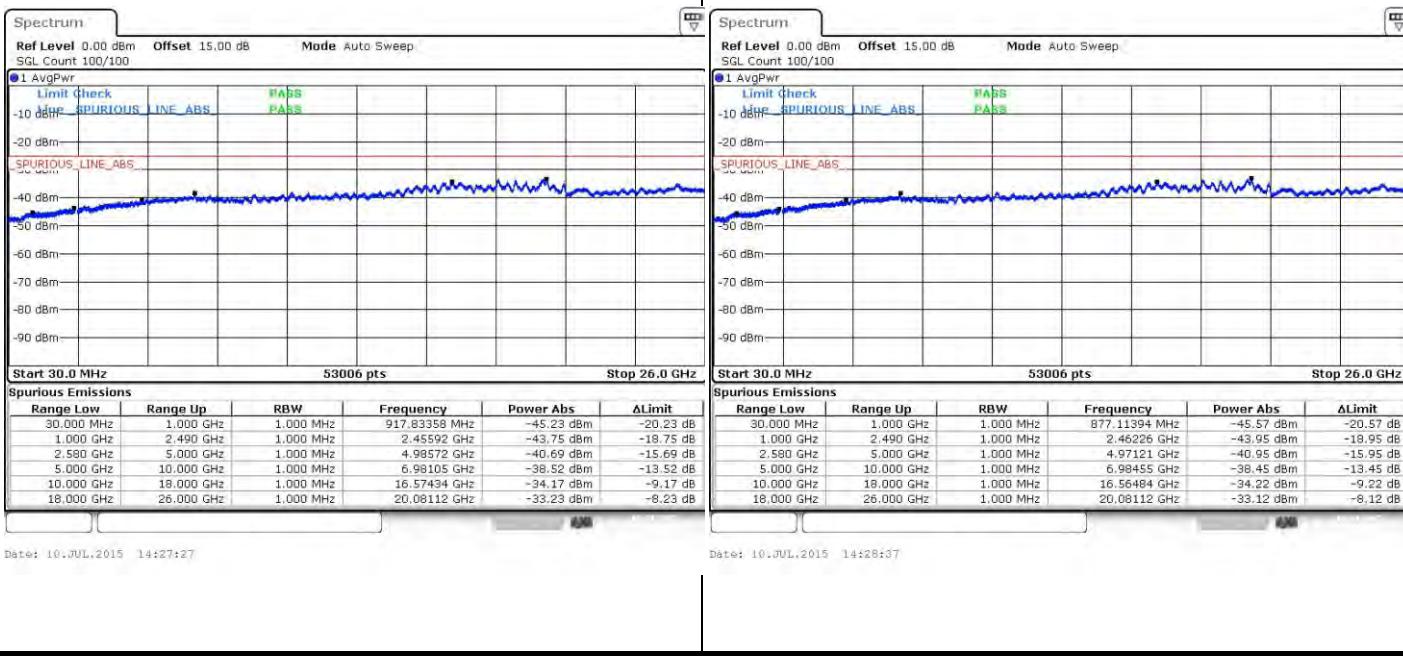
Highest Channel / 16QAM

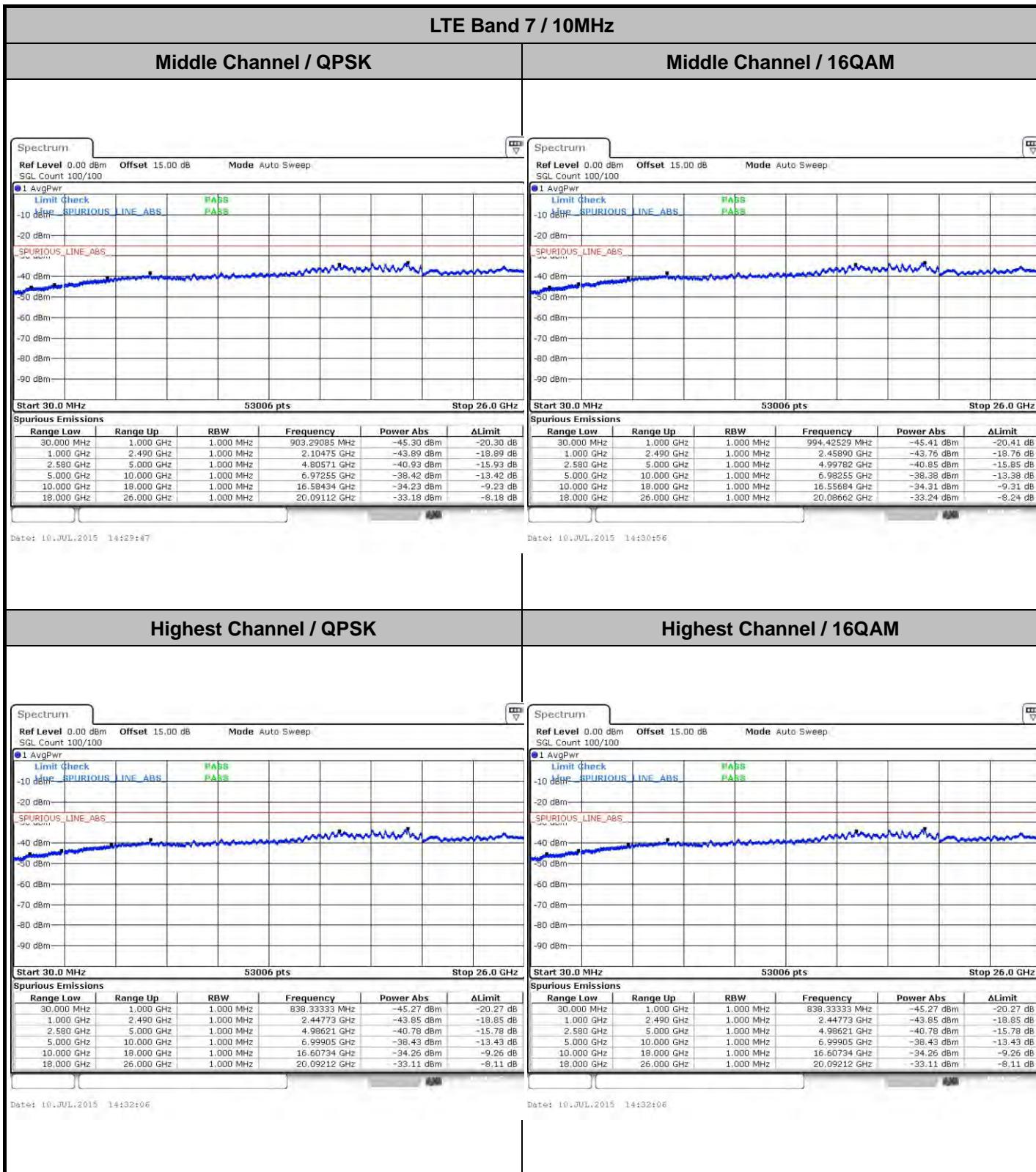


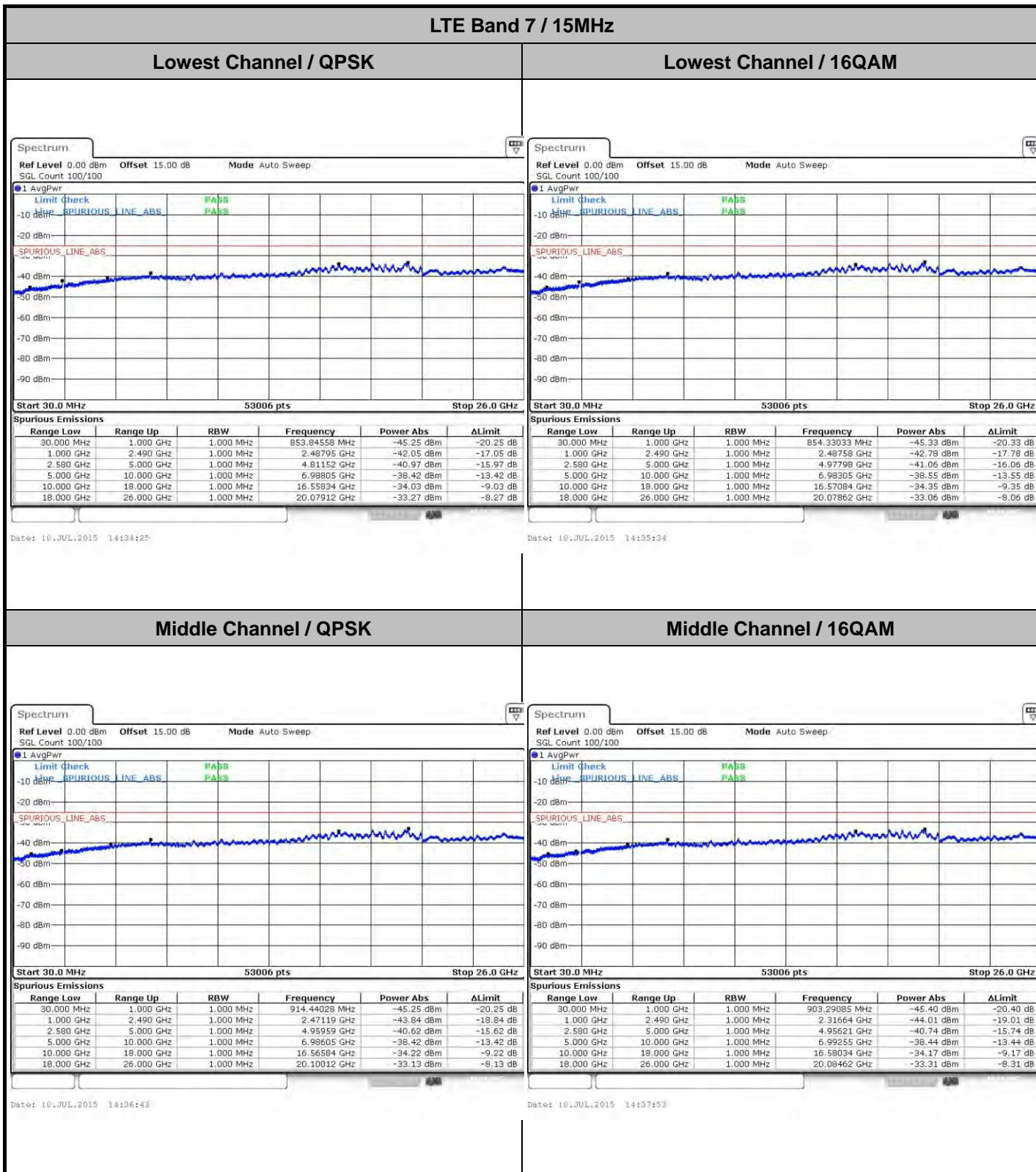
LTE Band 7 / 10MHz

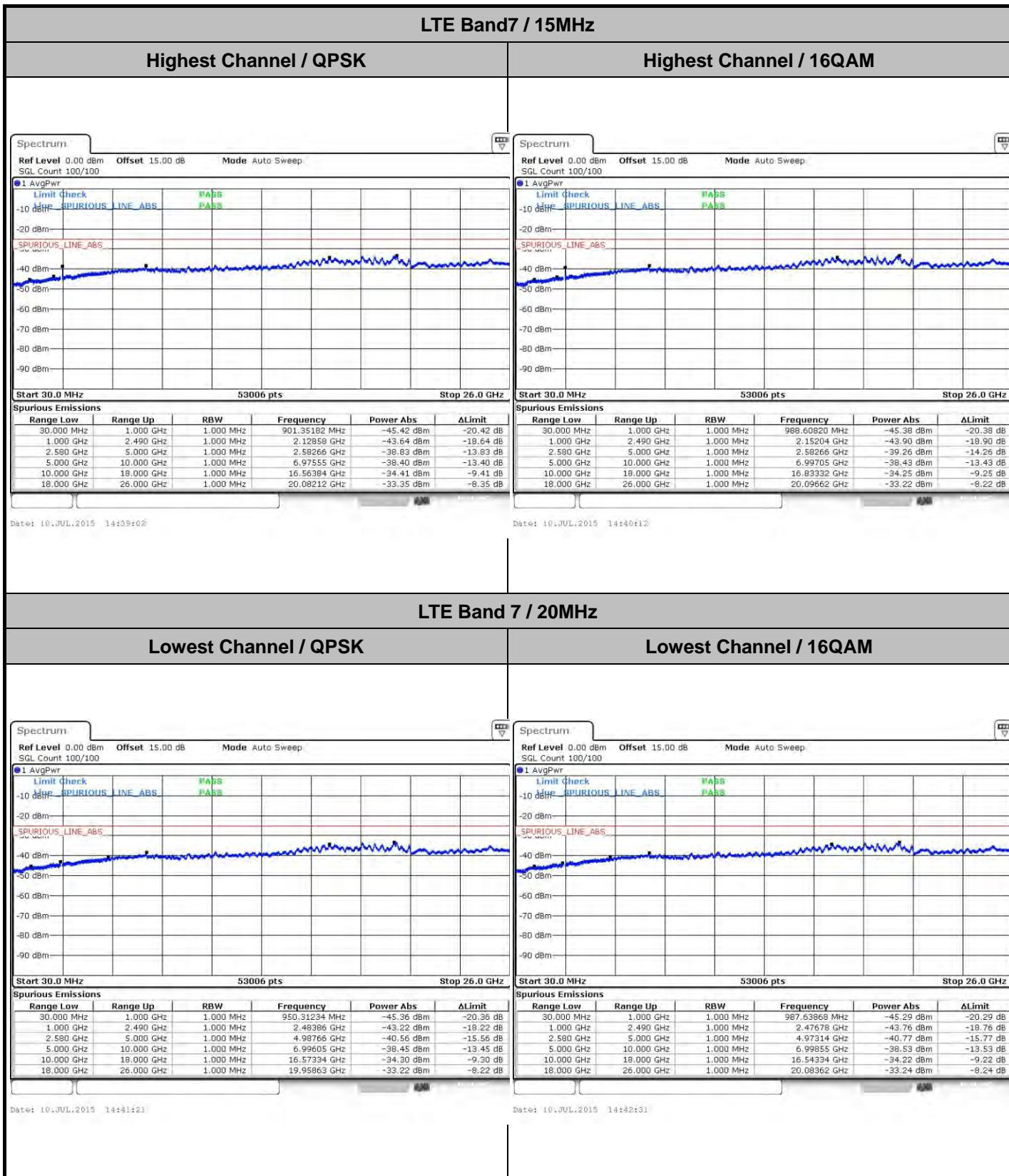
Lowest Channel / QPSK

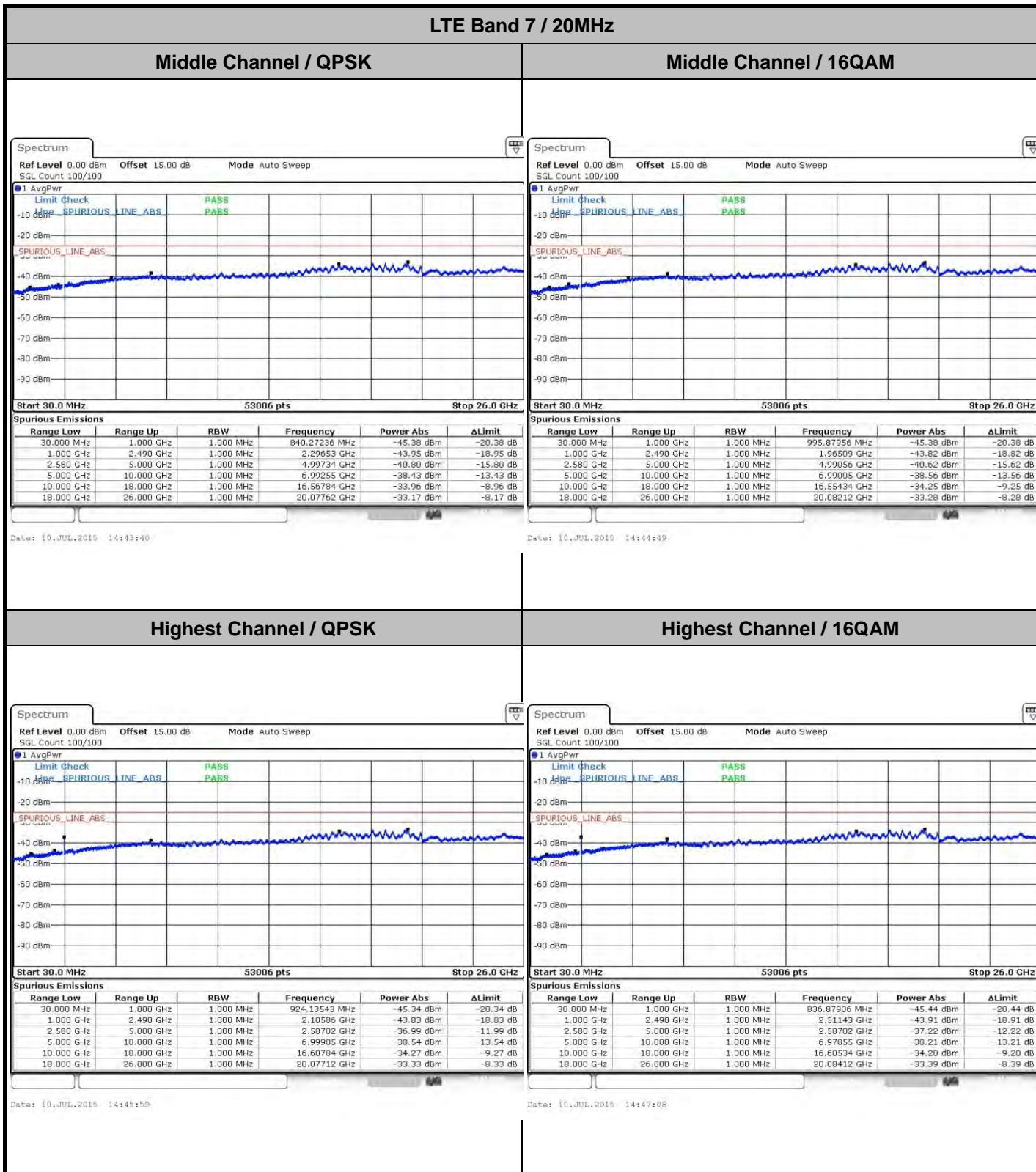
Lowest Channel / 16QAM













Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0079	PASS
40	Normal Voltage	0.0071	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0067	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0067	
-20	Normal Voltage	0.0075	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 V
2. 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

EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	2	12.12	0.0163	12.59	0.0182
Middle		1	2	12.10	0.0162	11.86	0.0153
Highest		3	1	12.08	0.0161	12.17	0.0165
Lowest	16QAM	1	2	11.73	0.0149	11.72	0.0149
Middle		1	5	11.19	0.0132	10.86	0.0122
Highest		1	2	11.13	0.0130	11.04	0.0127
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	12.54	0.0179	13.52	0.0225
Middle		1	0	13.00	0.0200	11.04	0.0127
Highest		1	7	11.30	0.0135	11.55	0.0143
Lowest	16QAM	1	14	8.02	0.0063	11.78	0.0151
Middle		1	0	9.03	0.0080	10.76	0.0119
Highest		1	14	7.66	0.0058	11.46	0.0140
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	13.81	0.0240	16.05	0.0403
Middle		1	12	14.56	0.0286	15.00	0.0316
Highest		1	12	14.40	0.0275	15.19	0.0330
Lowest	16QAM	1	24	15.57	0.0361	15.54	0.0358
Middle		1	0	14.89	0.0308	14.07	0.0255
Highest		1	12	16.04	0.0402	13.86	0.0243
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	8.35	0.0068	11.82	0.0152
Middle		1	24	7.64	0.0058	10.67	0.0117
Highest		1	24	5.98	0.0040	10.62	0.0115
Lowest	16QAM	1	49	7.65	0.0058	10.89	0.0123
Middle		1	0	8.45	0.0070	9.93	0.0098
Highest		1	49	7.46	0.0056	9.04	0.0080
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	37	11.29	0.0135	10.75	0.0119
Middle		1	0	9.69	0.0093	8.92	0.0078
Highest		1	0	9.81	0.0096	9.99	0.0100
Lowest	16QAM	1	74	11.59	0.0144	12.30	0.0170
Middle		1	74	10.99	0.0126	11.13	0.0130
Highest		1	0	11.90	0.0155	11.07	0.0128
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	12.25	0.0168	14.66	0.0292
Middle		1	0	12.58	0.0181	13.97	0.0249
Highest		1	0	11.69	0.0148	12.88	0.0194
Lowest	16QAM	1	99	10.02	0.0100	10.22	0.0105
Middle		1	0	9.64	0.0092	9.56	0.0090
Highest		1	99	6.23	0.0042	10.63	0.0116
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	2	21.20	0.1318	12.86	0.0193
Middle		3	1	19.96	0.0991	13.92	0.0247
Highest		3	1	19.81	0.0957	15.40	0.0347
Lowest	16QAM	1	2	18.38	0.0689	16.41	0.0438
Middle		1	0	19.39	0.0869	17.17	0.0521
Highest		1	5	19.40	0.0871	16.67	0.0465
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	0	17.18	0.0522	16.82	0.0481
Middle		1	0	18.14	0.0652	15.67	0.0369
Highest		1	0	16.92	0.0492	16.98	0.0499
Lowest	16QAM	1	14	15.94	0.0393	16.20	0.0417
Middle		1	7	17.12	0.0515	18.14	0.0652
Highest		1	0	17.61	0.0577	17.70	0.0589
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	17.61	0.0577	16.04	0.0402
Middle		1	0	19.13	0.0818	17.85	0.0610
Highest		1	12	19.22	0.0836	17.67	0.0585
Lowest	16QAM	1	12	17.39	0.0548	15.89	0.0388
Middle		1	0	19.08	0.0809	16.44	0.0441
Highest		1	24	18.84	0.0766	15.81	0.0381
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	24	19.46	0.0883	15.85	0.0385
Middle		1	0	20.00	0.1000	18.26	0.0670
Highest		1	49	19.57	0.0906	18.73	0.0746
Lowest	16QAM	1	0	19.58	0.0908	17.30	0.0537
Middle		1	0	19.02	0.0798	17.78	0.0600
Highest		1	0	19.51	0.0893	18.80	0.0759
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	74	13.97	0.0249	17.04	0.0506
Middle		1	0	15.24	0.0334	18.60	0.0724
Highest		1	0	15.75	0.0376	18.88	0.0773
Lowest	16QAM	1	74	17.93	0.0621	14.86	0.0306
Middle		1	0	19.37	0.0865	16.25	0.0422
Highest		1	0	16.35	0.0432	16.04	0.0402
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	17.84	0.0608	16.68	0.0466
Middle		1	0	19.44	0.0879	17.17	0.0521
Highest		1	0	18.81	0.0760	16.59	0.0456
Lowest	16QAM	1	0	15.10	0.0324	15.36	0.0344
Middle		1	99	16.35	0.0432	15.58	0.0361
Highest		1	0	17.79	0.0601	16.38	0.0435
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	24	18.13	0.0650	17.42	0.0552
Middle		1	12	19.22	0.0836	17.85	0.0610
Highest		1	12	18.88	0.0773	17.46	0.0557
Lowest	16QAM	1	24	16.76	0.0474	14.87	0.0307
Middle		1	0	18.21	0.0662	16.92	0.0492
Highest		1	0	18.70	0.0741	15.59	0.0362
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	0	18.02	0.0634	18.03	0.0635
Middle		1	0	17.74	0.0594	18.27	0.0671
Highest		1	49	17.68	0.0586	16.72	0.0470
Lowest	16QAM	1	0	15.15	0.0327	15.17	0.0329
Middle		1	0	16.87	0.0486	17.21	0.0526
Highest		1	49	16.27	0.0424	15.34	0.0342
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	0	15.59	0.0362	15.17	0.0329
Middle		1	0	17.33	0.0541	15.21	0.0332
Highest		1	0	18.15	0.0653	15.20	0.0331
Lowest	16QAM	1	0	14.53	0.0284	14.24	0.0265
Middle		1	74	16.70	0.0468	16.06	0.0404
Highest		1	0	19.16	0.0824	14.90	0.0309
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	0	14.82	0.0303	17.84	0.0608
Middle		1	0	15.90	0.0389	18.71	0.0743
Highest		1	0	18.34	0.0682	18.50	0.0708
Lowest	16QAM	1	0	17.96	0.0625	16.95	0.0495
Middle		1	49	17.40	0.0550	18.50	0.0708
Highest		1	0	18.21	0.0662	17.50	0.0562
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 5MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	18.28	0.0673	17.67	0.0585
Middle		1	12	19.85	0.0966	18.25	0.0668
Highest		1	12	19.72	0.0938	18.05	0.0638
Lowest	16QAM	1	24	17.81	0.0604	15.10	0.0324
Middle		1	0	18.93	0.0782	17.44	0.0555
Highest		1	0	19.73	0.0940	15.97	0.0395
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 10MHz (Peak)						
Channel	Modulation	RB		Horizontal		Vertical
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)
Lowest	QPSK	1	0	18.92	0.0780	18.93
Middle		1	0	18.66	0.0735	19.15
Highest		1	49	18.74	0.0748	17.78
Lowest	16QAM	1	0	16.11	0.0408	16.28
Middle		1	0	17.78	0.0600	18.22
Highest		1	49	17.35	0.0543	16.39
Limit	EIRP < 2W			Result		PASS

LTE Band 7 / 15MHz (Peak)						
Channel	Modulation	RB		Horizontal		Vertical
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)
Lowest	QPSK	1	0	16.80	0.0479	16.70
Middle		1	0	18.32	0.0679	16.07
Highest		1	0	19.08	0.0809	16.17
Lowest	16QAM	1	0	15.64	0.0366	15.66
Middle		1	74	18.13	0.0650	17.47
Highest		1	0	20.19	0.1045	16.05
Limit	EIRP < 2W			Result		PASS

LTE Band 7 / 20MHz (Peak)						
Channel	Modulation	RB		Horizontal		Vertical
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)
Lowest	QPSK	1	0	16.10	0.0407	18.98
Middle		1	0	17.05	0.0507	19.80
Highest		1	0	19.47	0.0885	19.61
Lowest	16QAM	1	0	18.43	0.0697	18.40
Middle		1	49	18.60	0.0724	19.85
Highest		1	0	19.48	0.0887	18.33
Limit	EIRP < 2W			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	3700.32	-51.17	-13	-38.17	-63.94	-58.36	0.81	8.00	H
	5550.48	-45.89	-13	-32.89	-64.64	-55.88	1.01	11.00	H
	7400.64	-46.65	-13	-33.65	-68.82	-58.89	1.46	13.70	H
	3700.32	-49.61	-13	-36.61	-62.68	-56.80	0.81	8	V
	5550.48	-47.24	-13	-34.24	-66.3	-57.23	1.01	11	V
	7400.64	-46.32	-13	-33.32	-68.81	-58.56	1.46	13.7	V
Middle	3758.92	-49.36	-13	-36.36	-62.13	-56.55	0.81	8.00	H
	5638.38	-43.00	-13	-30.00	-61.75	-52.99	1.01	11.00	H
	7517.84	-44.97	-13	-31.97	-67.14	-57.21	1.46	13.70	H
	3758.92	-48.51	-13	-35.51	-61.58	-55.70	0.81	8	V
	5638.38	-45.57	-13	-32.57	-64.63	-55.56	1.01	11	V
	7517.84	-44.90	-13	-31.90	-67.39	-57.14	1.46	13.7	V
Highest	3817.52	-51.20	-13	-38.20	-63.97	-58.39	0.81	8.00	H
	5726.28	-48.76	-13	-35.76	-67.51	-58.75	1.01	11.00	H
	7635.04	-46.20	-13	-33.20	-68.37	-58.44	1.46	13.70	H
	3817.52	-50.65	-13	-37.65	-63.72	-57.84	0.81	8	V
	5726.28	-48.29	-13	-35.29	-67.35	-58.28	1.01	11	V
	7635.04	-45.67	-13	-32.67	-68.16	-57.91	1.46	13.7	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.48	-50.43	-13	-37.43	-63.20	-57.62	0.81	8.00	H
	5550.72	-47.71	-13	-34.71	-66.46	-57.70	1.01	11.00	H
	7400.96	-46.39	-13	-33.39	-68.56	-58.63	1.46	13.70	H
	3700.48	-47.46	-13	-34.46	-60.53	-54.65	0.81	8	V
	5550.72	-46.93	-13	-33.93	-65.99	-56.92	1.01	11	V
	7400.96	-45.05	-13	-32.05	-67.54	-57.29	1.46	13.7	V
Middle	3758.92	-46.65	-13	-33.65	-59.42	-53.84	0.81	8.00	H
	5638.38	-47.67	-13	-34.67	-66.42	-57.66	1.01	11.00	H
	7517.84	-45.97	-13	-32.97	-68.14	-58.21	1.46	13.70	H
	3758.92	-44.89	-13	-31.89	-57.96	-52.08	0.81	8	V
	5638.38	-39.70	-13	-26.70	-58.76	-49.69	1.01	11	V
	7517.84	-46.08	-13	-33.08	-68.57	-58.32	1.46	13.7	V
Highest	3814.48	-49.71	-13	-36.71	-62.48	-56.90	0.81	8.00	H
	5721.72	-44.63	-13	-31.63	-63.38	-54.62	1.01	11.00	H
	7628.96	-45.97	-13	-32.97	-68.14	-58.21	1.46	13.70	H
	3814.48	-45.63	-13	-32.63	-58.7	-52.82	0.81	8	V
	5721.72	-40.92	-13	-27.92	-59.98	-50.91	1.01	11	V
	7628.96	-45.09	-13	-32.09	-67.58	-57.33	1.46	13.7	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.68	-49.93	-13	-36.93	-62.70	-57.12	0.81	8.00	H
	5551.02	-44.13	-13	-31.13	-62.88	-54.12	1.01	11.00	H
	7401.36	-46.14	-13	-33.14	-68.31	-58.38	1.46	13.70	H
	3700.68	-47.72	-13	-34.72	-60.79	-54.91	0.81	8	V
	5551.02	-44.87	-13	-31.87	-63.93	-54.86	1.01	11	V
	7401.36	-45.95	-13	-32.95	-68.44	-58.19	1.46	13.7	V
Middle	3758.92	-46.50	-13	-33.50	-59.27	-53.69	0.81	8.00	H
	5638.38	-41.43	-13	-28.43	-60.18	-51.42	1.01	11.00	H
	7517.84	-45.45	-13	-32.45	-67.62	-57.69	1.46	13.70	H
	3758.92	-45.40	-13	-32.40	-58.47	-52.59	0.81	8	V
	5638.38	-42.28	-13	-29.28	-61.34	-52.27	1.01	11	V
	7517.84	-46.14	-13	-33.14	-68.63	-58.38	1.46	13.7	V
Highest	3808	-53.59	-13	-40.59	-66.36	-60.78	0.81	8.00	H
	5716	-48.95	-13	-35.95	-67.70	-58.94	1.01	11.00	H
	7620	-46.19	-13	-33.19	-68.36	-58.43	1.46	13.70	H
	3808	-53.21	-13	-40.21	-66.28	-60.40	0.81	8	V
	5716	-49.13	-13	-36.13	-68.19	-59.12	1.01	11	V
	7620	-45.91	-13	-32.91	-68.4	-58.15	1.46	13.7	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	3701.18	-49.46	-13	-36.46	-62.23	-56.65	0.81	8.00	H
	5551.77	-45.12	-13	-32.12	-63.87	-55.11	1.01	11.00	H
	7402.36	-45.78	-13	-32.78	-67.95	-58.02	1.46	13.70	H
	3701.18	-47.37	-13	-34.37	-60.44	-54.56	0.81	8	V
	5551.77	-44.47	-13	-31.47	-63.53	-54.46	1.01	11	V
	7402.36	-46.23	-13	-33.23	-68.72	-58.47	1.46	13.7	V
Middle	3751.18	-47.06	-13	-34.06	-59.83	-54.25	0.81	8.00	H
	5626.77	-39.65	-13	-26.65	-58.62	-49.64	1.01	11.00	H
	7502.36	-46.29	-13	-33.29	-68.46	-58.53	1.46	13.70	H
	3751.18	-44.61	-13	-31.61	-57.68	-51.80	0.81	8	V
	5626.77	-34.37	-13	-21.37	-55.03	-44.36	1.01	11	V
	7502.36	-45.45	-13	-32.45	-67.94	-57.69	1.46	13.7	V
Highest	3801.18	-47.11	-13	-34.11	-59.88	-54.30	0.81	8.00	H
	5701.77	-46.17	-13	-33.17	-64.92	-56.16	1.01	11.00	H
	7602.36	-45.86	-13	-32.86	-68.03	-58.10	1.46	13.70	H
	3801.18	-45.77	-13	-32.77	-58.84	-52.96	0.81	8	V
	5701.77	-37.17	-13	-24.17	-57.06	-47.16	1.01	11	V
	7602.36	-45.21	-13	-32.21	-67.7	-57.45	1.46	13.7	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	3701.68	-50.10	-13	-37.10	-62.87	-57.29	0.81	8.00	H
	5552.52	-47.01	-13	-34.01	-65.76	-57.00	1.01	11.00	H
	7403.36	-46.42	-13	-33.42	-68.59	-58.66	1.46	13.70	H
	3701.68	-49.29	-13	-36.29	-62.36	-56.48	0.81	8	V
	5552.52	-45.97	-13	-32.97	-65.03	-55.96	1.01	11	V
	7403.36	-45.53	-13	-32.53	-68.02	-57.77	1.46	13.7	V
Middle	3746.68	-49.34	-13	-36.34	-62.11	-56.53	0.81	8.00	H
	5620.02	-43.68	-13	-30.68	-62.43	-53.67	1.01	11.00	H
	7493.36	-46.45	-13	-33.45	-68.62	-58.69	1.46	13.70	H
	3746.68	-49.28	-13	-36.28	-62.35	-56.47	0.81	8	V
	5620.02	-40.47	-13	-27.47	-59.53	-50.46	1.01	11	V
	7493.36	-46.13	-13	-33.13	-68.62	-58.37	1.46	13.7	V
Highest	3791.68	-49.63	-13	-36.63	-62.40	-56.82	0.81	8.00	H
	5687.52	-40.24	-13	-27.24	-58.99	-50.23	1.01	11.00	H
	7583.36	-46.27	-13	-33.27	-68.44	-58.51	1.46	13.70	H
	3791.68	-48.33	-13	-35.33	-61.4	-55.52	0.81	8	V
	5687.52	-42.14	-13	-29.14	-61.2	-52.13	1.01	11	V
	7583.36	-45.71	-13	-32.71	-68.2	-57.95	1.46	13.7	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	3702.18	-50.66	-13	-37.66	-63.43	-57.85	0.81	8.00	H
	5553.27	-41.87	-13	-28.87	-60.62	-51.86	1.01	11.00	H
	7404.36	-68.53	-13	-55.53	-68.53	-80.77	1.46	13.70	H
	3702.18	-49.16	-13	-36.16	-62.23	-56.35	0.81	8	V
	5553.27	-41.22	-13	-28.22	-60.28	-51.21	1.01	11	V
	7404.36	-45.35	-13	-32.35	-67.84	-57.59	1.46	13.7	V
Middle	3742.18	-47.94	-13	-34.94	-60.71	-55.13	0.81	8.00	H
	5613.27	-41.65	-13	-28.65	-60.40	-51.64	1.01	11.00	H
	7484.36	-46.28	-13	-33.28	-68.45	-58.52	1.46	13.70	H
	3742.18	-48.12	-13	-35.12	-61.19	-55.31	0.81	8	V
	5613.27	-38.19	-13	-25.19	-57.25	-48.18	1.01	11	V
	7484.36	-45.41	-13	-32.41	-67.9	-57.65	1.46	13.7	V
Highest	3782.18	-48.73	-13	-35.73	-61.50	-55.92	0.81	8.00	H
	5673.27	-38.33	-13	-25.33	-57.08	-48.32	1.01	11.00	H
	7564.36	-45.95	-13	-32.95	-68.12	-58.19	1.46	13.70	H
	3782.18	-49.34	-13	-36.34	-62.41	-56.53	0.81	8	V
	5673.27	-42.81	-13	-29.81	-61.87	-52.80	1.01	11	V
	7564.36	-45.16	-13	-32.16	-67.65	-57.40	1.46	13.7	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	3420.32	-43.26	-13	-30.26	-69.89	-55.05	0.81	12.60	H
	5130.48	-45.63	-13	-32.63	-72.26	-57.38	0.95	12.70	H
	6840.64	-45.30	-13	-32.30	-74.82	-55.87	1.13	11.70	H
	3420.32	-47.58	-13	-34.58	-69.86	-59.37	0.81	12.6	V
	5130.48	-50.67	-13	-37.67	-72.95	-62.42	0.95	12.7	V
	6840.64	-49.91	-13	-36.91	-74.44	-60.48	1.13	11.7	V
Middle	3463.74	-41.40	-13	-28.40	-68.03	-53.19	0.81	12.60	H
	5195.61	-43.23	-13	-30.23	-72.75	-54.98	0.95	12.70	H
	6927.48	-45.10	-13	-32.10	-75.50	-55.67	1.13	11.70	H
	3463.74	-47.86	-13	-34.86	-70.14	-59.65	0.81	12.6	V
	5195.61	-48.99	-13	-35.99	-73.52	-60.74	0.95	12.7	V
	6927.48	-43.14	-13	-30.14	-74.95	-53.71	1.13	11.7	V
Highest	3507.52	-42.22	-13	-29.22	-68.85	-54.01	0.81	12.60	H
	5261.28	-43.27	-13	-30.27	-72.79	-55.02	0.95	12.70	H
	7015.04	-45.59	-13	-32.59	-75.11	-56.16	1.13	11.70	H
	3507.52	-46.22	-13	-33.22	-68.82	-58.01	0.81	12.6	V
	5261.28	-48.58	-13	-35.58	-73.11	-60.33	0.95	12.7	V
	7015.04	-50.52	-13	-37.52	-75.05	-61.09	1.13	11.7	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	3420.48	-43.40	-13	-30.40	-70.03	-55.19	0.81	12.60	H
	5130.72	-43.44	-13	-30.44	-72.96	-55.19	0.95	12.70	H
	6840.96	-44.68	-13	-31.68	-75.08	-55.25	1.13	11.70	H
	3420.48	-47.81	-13	-34.81	-70.09	-59.60	0.81	12.6	V
	5130.72	-48.37	-13	-35.37	-72.9	-60.12	0.95	12.7	V
	6840.96	-42.84	-13	-29.84	-74.65	-53.41	1.13	11.7	V
Middle	3462.48	-43.90	-13	-30.90	-70.53	-55.69	0.81	12.60	H
	5193.72	-42.57	-13	-29.57	-72.09	-54.32	0.95	12.70	H
	6924.96	-44.69	-13	-31.69	-75.09	-55.26	1.13	11.70	H
	3462.48	-48.39	-13	-35.39	-70.67	-60.18	0.81	12.6	V
	5193.72	-48.40	-13	-35.40	-72.93	-60.15	0.95	12.7	V
	6924.96	-42.79	-13	-29.79	-74.6	-53.36	1.13	11.7	V
Highest	3504.48	-40.08	-13	-27.08	-66.71	-51.87	0.81	12.60	H
	5256.72	-42.18	-13	-29.18	-71.70	-53.93	0.95	12.70	H
	7008.96	-44.45	-13	-31.45	-74.85	-55.02	1.13	11.70	H
	3504.48	-41.72	-13	-28.72	-67.04	-53.51	0.81	12.6	V
	5256.72	-48.55	-13	-35.55	-73.08	-60.30	0.95	12.7	V
	7008.96	-42.77	-13	-29.77	-74.58	-53.34	1.13	11.7	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	3420.68	-40.49	-13	-27.49	-67.12	-52.28	0.81	12.60	H
	5131.02	-43.79	-13	-30.79	-73.31	-55.54	0.95	12.70	H
	6841.36	-43.77	-13	-30.77	-74.17	-54.34	1.13	11.70	H
	3420.68	-40.26	-13	-27.26	-66.28	-52.05	0.81	12.6	V
	5131.02	-48.16	-13	-35.16	-72.69	-59.91	0.95	12.7	V
	6841.36	-43.07	-13	-30.07	-74.88	-53.64	1.13	11.7	V
Middle	3460.68	-42.08	-13	-29.08	-68.71	-53.87	0.81	12.60	H
	5191.02	-42.55	-13	-29.55	-72.07	-54.30	0.95	12.70	H
	6921.36	-44.29	-13	-31.29	-74.69	-54.86	1.13	11.70	H
	3460.68	-46.68	-13	-33.68	-69.09	-58.47	0.81	12.6	V
	5191.02	-48.50	-13	-35.50	-73.03	-60.25	0.95	12.7	V
	6921.36	-42.72	-13	-29.72	-74.53	-53.29	1.13	11.7	V
Highest	3500.68	-37.88	-13	-24.88	-66.12	-49.67	0.81	12.60	H
	5251.02	-40.81	-13	-27.81	-70.33	-52.56	0.95	12.70	H
	7001.36	-44.64	-13	-31.64	-75.04	-55.21	1.13	11.70	H
	3500.68	-41.43	-13	-28.43	-66.89	-53.22	0.81	12.6	V
	5251.02	-47.29	-13	-34.29	-71.82	-59.04	0.95	12.7	V
	7001.36	-43.58	-13	-30.58	-75.39	-54.15	1.13	11.7	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	3421.18	-41.86	-13	-28.86	-68.49	-53.65	0.81	12.60	H
	5131.77	-43.57	-13	-30.57	-73.09	-55.32	0.95	12.70	H
	6842.36	-44.22	-13	-31.22	-74.62	-54.79	1.13	11.70	H
	3421.18	-41.11	-13	-28.11	-66.73	-52.90	0.81	12.6	V
	5131.77	-48.40	-13	-35.40	-72.93	-60.15	0.95	12.7	V
	6842.36	-43.21	-13	-30.21	-75.02	-53.78	1.13	11.7	V
Middle	3456.18	-42.16	-13	-29.16	-68.79	-53.95	0.81	12.60	H
	5184.27	-42.02	-13	-29.02	-71.54	-53.77	0.95	12.70	H
	6912.36	-44.24	-13	-31.24	-74.64	-54.81	1.13	11.70	H
	3456.18	-46.10	-13	-33.10	-68.75	-57.89	0.81	12.6	V
	5184.27	-48.00	-13	-35.00	-72.53	-59.75	0.95	12.7	V
	6912.36	-43.24	-13	-30.24	-75.05	-53.81	1.13	11.7	V
Highest	3491.18	-37.78	-13	-24.78	-66.03	-49.57	0.81	12.60	H
	5236.77	-41.87	-13	-28.87	-71.39	-53.62	0.95	12.70	H
	6982.36	-44.74	-13	-31.74	-75.14	-55.31	1.13	11.70	H
	3491.18	-37.78	-13	-24.78	-64.91	-49.57	0.81	12.6	V
	5236.77	-43.33	-13	-30.33	-70.43	-55.08	0.95	12.7	V
	6982.36	-43.77	-13	-30.77	-75.58	-54.34	1.13	11.7	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	3421.68	-42.08	-13	-29.08	-68.71	-53.87	0.81	12.60	H
	5132.52	-43.28	-13	-30.28	-72.80	-55.03	0.95	12.70	H
	6843.36	-44.49	-13	-31.49	-74.89	-55.06	1.13	11.70	H
	3421.68	-46.03	-13	-33.03	-68.71	-57.82	0.81	12.6	V
	5132.52	-48.60	-13	-35.60	-73.13	-60.35	0.95	12.7	V
	6843.36	-42.50	-13	-29.50	-74.31	-53.07	1.13	11.7	V
Middle	3451.68	-41.63	-13	-28.63	-68.26	-53.42	0.81	12.60	H
	5177.52	-43.04	-13	-30.04	-72.56	-54.79	0.95	12.70	H
	6903.36	-45.29	-13	-32.29	-75.69	-55.86	1.13	11.70	H
	3451.68	-46.61	-13	-33.61	-69.05	-58.40	0.81	12.6	V
	5177.52	-48.41	-13	-35.41	-72.94	-60.16	0.95	12.7	V
	6903.36	-43.17	-13	-30.17	-74.98	-53.74	1.13	11.7	V
Highest	3481.68	-41.84	-13	-28.84	-68.47	-53.63	0.81	12.60	H
	5222.52	-43.67	-13	-30.67	-73.19	-55.42	0.95	12.70	H
	6963.36	-44.48	-13	-31.48	-74.88	-55.05	1.13	11.70	H
	3481.68	-46.58	-13	-33.58	-69.03	-58.37	0.81	12.6	V
	5222.52	-48.65	-13	-35.65	-73.18	-60.40	0.95	12.7	V
	6963.36	-43.60	-13	-30.60	-75.41	-54.17	1.13	11.7	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	3422.18	-41.20	-13	-28.20	-67.83	-52.99	0.81	12.60	H
	5133.27	-43.49	-13	-30.49	-73.01	-55.24	0.95	12.70	H
	6844.36	-44.48	-13	-31.48	-74.88	-55.05	1.13	11.70	H
	3422.18	-43.04	-13	-30.04	-67.5	-54.83	0.81	12.6	V
	5133.27	-47.90	-13	-34.90	-72.43	-59.65	0.95	12.7	V
	6844.36	-42.72	-13	-29.72	-74.53	-53.29	1.13	11.7	V
Middle	3447.18	-41.37	-13	-28.37	-68.00	-53.16	0.81	12.60	H
	5170.77	-42.87	-13	-29.87	-72.39	-54.62	0.95	12.70	H
	6894.36	-44.75	-13	-31.75	-75.15	-55.32	1.13	11.70	H
	3447.18	-43.98	-13	-30.98	-67.97	-55.77	0.81	12.6	V
	5170.77	-48.71	-13	-35.71	-73.24	-60.46	0.95	12.7	V
	6894.36	-43.02	-13	-30.02	-74.83	-53.59	1.13	11.7	V
Highest	3472.18	-41.77	-13	-28.77	-68.40	-53.56	0.81	12.60	H
	5208.27	-43.65	-13	-30.65	-73.17	-55.40	0.95	12.70	H
	6944.36	-44.87	-13	-31.87	-75.27	-55.44	1.13	11.70	H
	3472.18	-44.00	-13	-31.00	-67.98	-55.79	0.81	12.6	V
	5208.27	-48.49	-13	-35.49	-73.02	-60.24	0.95	12.7	V
	6944.36	-43.40	-13	-30.40	-75.21	-53.97	1.13	11.7	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	5000.68	-42.93	-25	-17.93	-57.81	-54.68	0.95	12.70	H
	7501.02	-39.44	-25	-14.44	-60.53	-49.68	1.46	11.70	H
	10001.36	-37.29	-25	-12.29	-62.47	-48.08	1.31	12.10	H
	12500.00	-25.63	-25	-0.63	-53.89	-37.68	1.55	13.60	H
	5000.68	-40.10	-25	-15.10	-56.59	-51.85	0.95	12.70	V
	7501.02	-40.20	-25	-15.20	-60.95	-50.44	1.46	11.70	V
	10001.36	-39.49	-25	-14.49	-62.35	-50.28	1.31	12.10	V
	12500.00	-29.77	-25	-4.77	-57.60	-41.82	1.55	13.60	V
	5065.68	-42.76	-25	-17.76	-57.64	-54.51	0.95	12.70	H
Middle	7598.52	-32.70	-25	-7.70	-54.25	-42.94	1.46	11.70	H
	10131.36	-35.37	-25	-10.37	-60.55	-46.16	1.31	12.10	H
	12664.00	-25.50	-25	-0.50	-53.76	-37.55	1.55	13.60	H
	5065.68	-45.20	-25	-20.20	-60.33	-56.95	0.95	12.70	V
	7598.52	-32.93	-25	-7.93	-54.17	-43.17	1.46	11.70	V
	10131.36	-37.53	-25	-12.53	-60.39	-48.32	1.31	12.10	V
	12664.00	-28.58	-25	-3.58	-56.41	-40.63	1.55	13.60	V
	5130.68	-43.74	-25	-18.74	-58.62	-55.49	0.95	12.70	H
Highest	7696.02	-31.80	-25	-6.80	-53.47	-42.04	1.46	11.70	H
	10261.36	-36.18	-25	-11.18	-61.36	-46.97	1.31	12.10	H
	12828.00	-25.61	-25	-0.61	-53.87	-37.66	1.55	13.60	H
	5130.68	-46.16	-25	-21.16	-61.29	-57.91	0.95	12.70	V
	7696.02	-33.06	-25	-8.06	-54.27	-43.30	1.46	11.70	V
	10261.36	-36.56	-25	-11.56	-59.69	-47.35	1.31	12.10	V
	12828.00	-27.41	-25	-2.41	-55.24	-39.46	1.55	13.60	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	5001.18	-41.90	-25	-16.90	-56.78	-53.65	0.95	12.70	H
	7501.77	-37.37	-25	-12.37	-58.46	-47.61	1.46	11.70	H
	10002.36	-36.91	-25	-11.91	-62.09	-47.70	1.31	12.10	H
	12504.00	-25.22	-25	-0.22	-53.48	-37.27	1.55	13.60	H
	5001.18	-44.74	-25	-19.74	-59.87	-56.49	0.95	12.70	V
	7501.77	-39.28	-25	-14.28	-60.03	-49.52	1.46	11.70	V
	10002.36	-39.07	-25	-14.07	-61.93	-49.86	1.31	12.10	V
	12504.00	-29.01	-25	-4.01	-56.84	-41.06	1.55	13.60	V
Middle	5061.18	-47.63	-25	-22.63	-62.51	-59.38	0.95	12.70	H
	7591.77	-29.50	-25	-4.50	-51.57	-39.74	1.46	11.70	H
	10122.36	-32.30	-25	-7.30	-57.75	-43.09	1.31	12.10	H
	12652.50	-28.35	-25	-3.35	-56.61	-40.40	1.55	13.60	H
	5061.18	-48.73	-25	-23.73	-63.86	-60.48	0.95	12.70	V
	7591.77	-30.83	-25	-5.83	-52.71	-41.07	1.46	11.70	V
	10122.36	-35.00	-25	-10.00	-59.04	-45.79	1.31	12.10	V
	12652.50	-30.87	-25	-5.87	-58.70	-42.92	1.55	13.60	V
Highest	5121.18	-43.00	-25	-18.00	-57.88	-54.75	0.95	12.70	H
	7681.77	-27.48	-25	-2.48	-49.89	-37.72	1.46	11.70	H
	10242.36	-30.45	-25	-5.45	-56.56	-41.24	1.31	12.10	H
	12802.50	-25.74	-25	-0.74	-54.00	-37.79	1.55	13.60	H
	5121.18	-44.05	-25	-19.05	-59.18	-55.80	0.95	12.70	V
	7681.77	-29.85	-25	-4.85	-51.79	-40.09	1.46	11.70	V
	10242.36	-31.36	-25	-6.36	-56.45	-42.15	1.31	12.10	V
	12802.50	-30.00	-25	-5.00	-57.83	-42.05	1.55	13.60	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	5001.68	-45.79	-25	-20.79	-60.67	-57.54	0.95	12.70	H
	7502.52	-39.45	-25	-14.45	-60.54	-49.69	1.46	11.70	H
	10003.36	-37.04	-25	-12.04	-62.22	-47.83	1.31	12.10	H
	12503.75	-26.23	-25	-1.23	-54.49	-38.28	1.55	13.60	H
	5001.68	-47.88	-25	-22.88	-63.01	-59.63	0.95	12.70	V
	7502.52	-41.16	-25	-16.16	-61.91	-51.40	1.46	11.70	V
	10003.36	-39.34	-25	-14.34	-62.2	-50.13	1.31	12.10	V
	12503.75	-28.31	-25	-3.31	-56.14	-40.36	1.55	13.60	V
	5056.68	-49.04	-25	-24.04	-63.92	-60.79	0.95	12.70	H
Middle	7585.02	-28.18	-25	-3.18	-50.44	-38.42	1.46	11.70	H
	10113.00	-43.24	-25	-18.24	-68.42	-54.03	1.31	12.10	H
	12641.25	-30.35	-25	-5.35	-58.61	-42.40	1.55	13.60	H
	5056.68	-48.27	-25	-23.27	-63.4	-60.02	0.95	12.70	V
	7585.02	-29.69	-25	-4.69	-51.68	-39.93	1.46	11.70	V
	10113	-31.43	-25	-6.43	-56.5	-42.22	1.31	12.10	V
	12641.25	-33.78	-25	-8.78	-61.61	-45.83	1.55	13.60	V
	5111.68	-37.25	-25	-12.25	-53.57	-49.00	0.95	12.70	H
Highest	7667.52	-26.34	-25	-1.34	-48.88	-36.58	1.46	11.70	H
	10223.36	-33.15	-25	-8.15	-58.54	-43.94	1.31	12.10	H
	12780.00	-25.89	-25	-0.89	-54.15	-37.94	1.55	13.60	H
	5111.68	-43.16	-25	-18.16	-58.29	-54.91	0.95	12.70	V
	7667.52	-26.75	-25	-1.75	-49.17	-36.99	1.46	11.70	V
	10223.36	-32.59	-25	-7.59	-57.38	-43.38	1.31	12.10	V
	12780.00	-29.07	-25	-4.07	-56.90	-41.12	1.55	13.60	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	5002.18	-41.44	-25	-16.44	-56.32	-53.19	0.95	12.70	H
	7503.27	-38.94	-25	-13.94	-60.03	-49.18	1.46	11.70	H
	10004.36	-37.34	-25	-12.34	-62.52	-48.13	1.31	12.10	H
	12504.00	-25.52	-25	-0.52	-53.78	-37.57	1.55	13.60	H
	5002.18	-40.11	-25	-15.11	-56.6	-51.86	0.95	12.70	V
	7503.27	-39.22	-25	-14.22	-59.97	-49.46	1.46	11.70	V
	10004.36	-39.79	-25	-14.79	-62.65	-50.58	1.31	12.10	V
	12504.00	-29.45	-25	-4.45	-57.28	-41.50	1.55	13.60	V
Middle	5052.18	-43.69	-25	-18.69	-58.57	-55.44	0.95	12.70	H
	7578.27	-28.69	-25	-3.69	-50.86	-38.93	1.46	11.70	H
	10104.36	-34.08	-25	-9.08	-59.26	-44.87	1.31	12.10	H
	12628.00	-29.48	-25	-4.48	-57.74	-41.53	1.55	13.60	H
	5052.18	-44.85	-25	-19.85	-59.98	-56.60	0.95	12.70	V
	7578.27	-29.82	-25	-4.82	-51.77	-40.06	1.46	11.70	V
	10104.36	-34.41	-25	-9.41	-58.77	-45.20	1.31	12.10	V
	12628.00	-32.90	-25	-7.90	-60.73	-44.95	1.55	13.60	V
Highest	5102.18	-36.22	-25	-11.22	-52.98	-47.97	0.95	12.70	H
	7653.27	-28.26	-25	-3.26	-50.51	-38.50	1.46	11.70	H
	10204.36	-37.88	-25	-12.88	-63.06	-48.67	1.31	12.10	H
	12756.00	-25.21	-25	-0.21	-53.47	-37.26	1.55	13.60	H
	5102.18	-42.40	-25	-17.40	-57.91	-54.15	0.95	12.70	V
	7653.27	-28.42	-25	-3.42	-50.66	-38.66	1.46	11.70	V
	10204.36	-38.43	-25	-13.43	-61.29	-49.22	1.31	12.10	V
	12756.00	-27.46	-25	-2.46	-55.29	-39.51	1.55	13.60	V

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