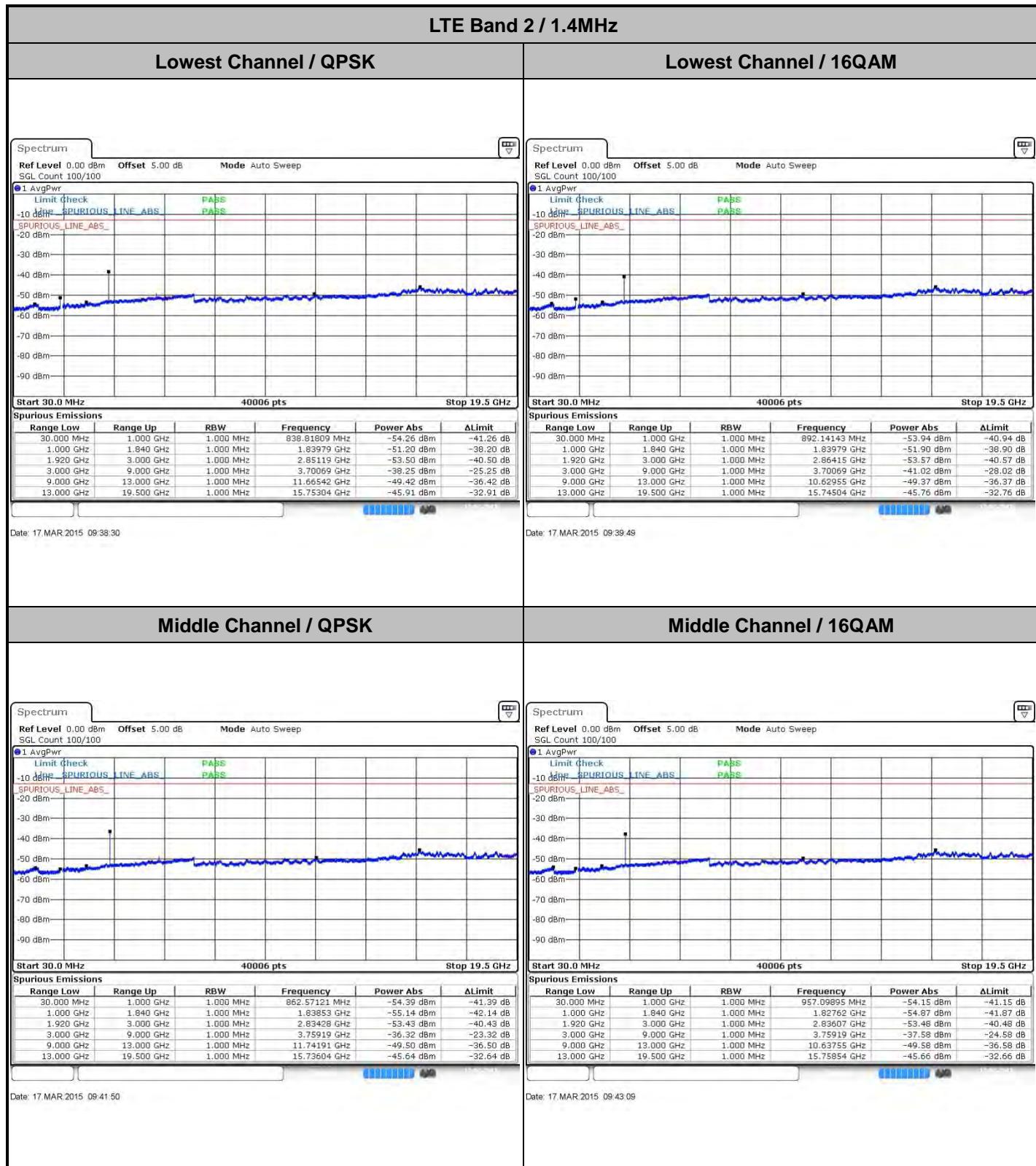
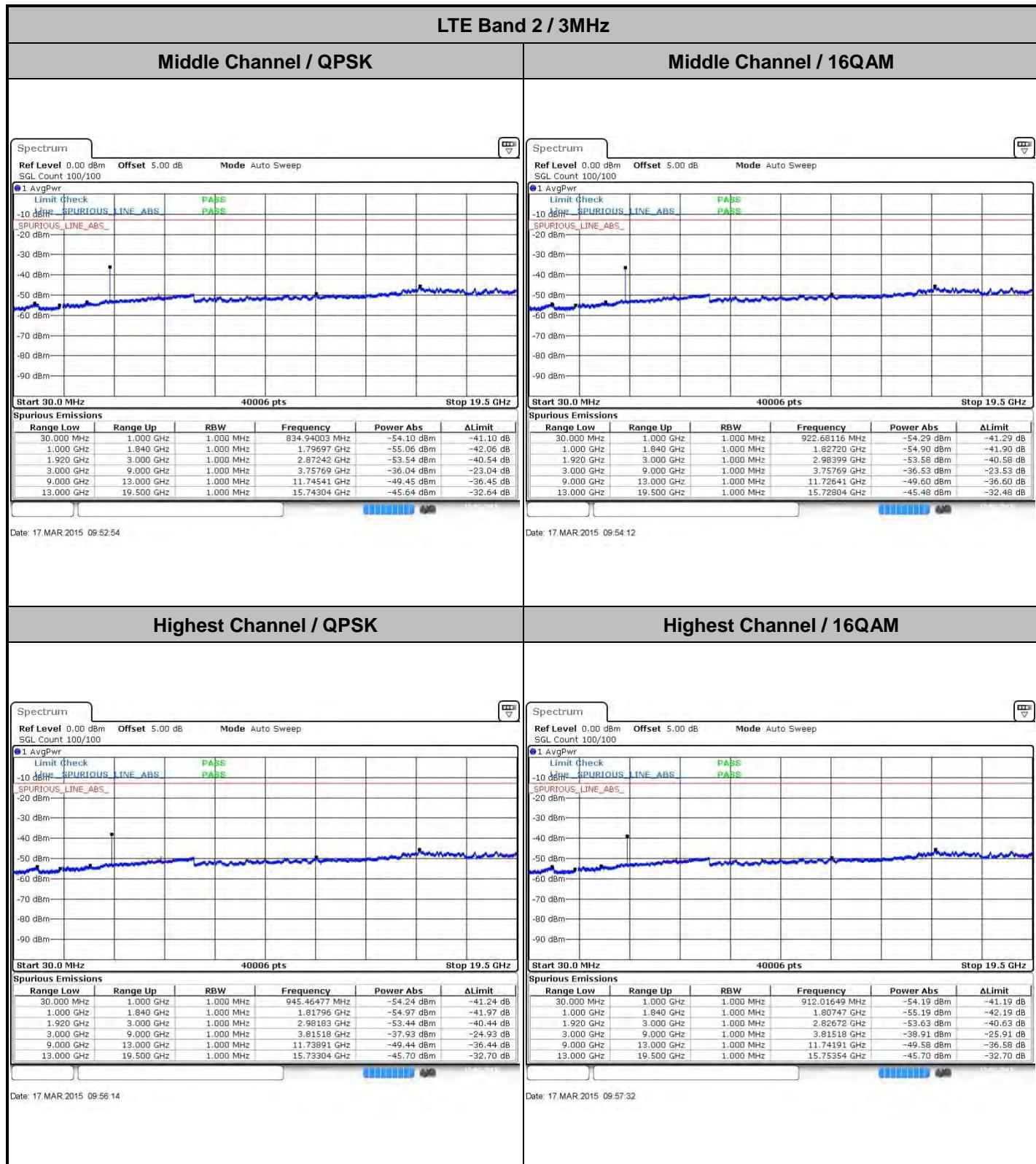


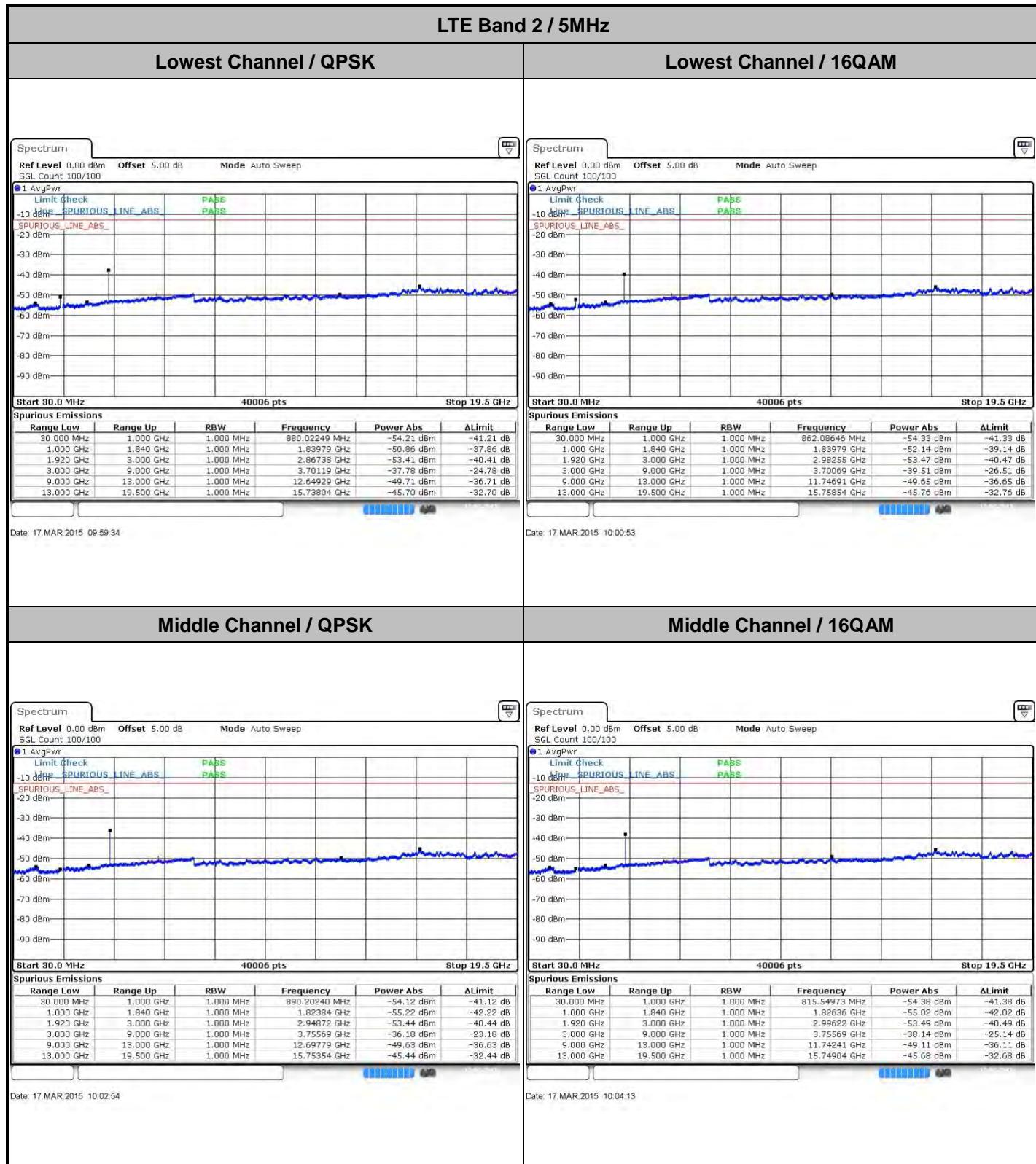


Conducted Spurious Emission







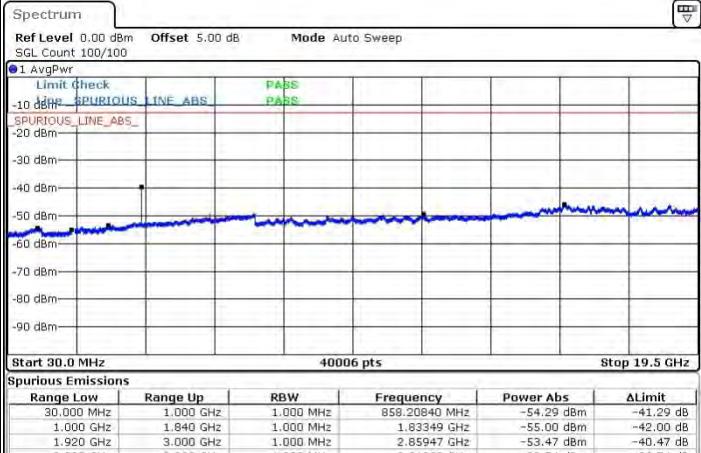
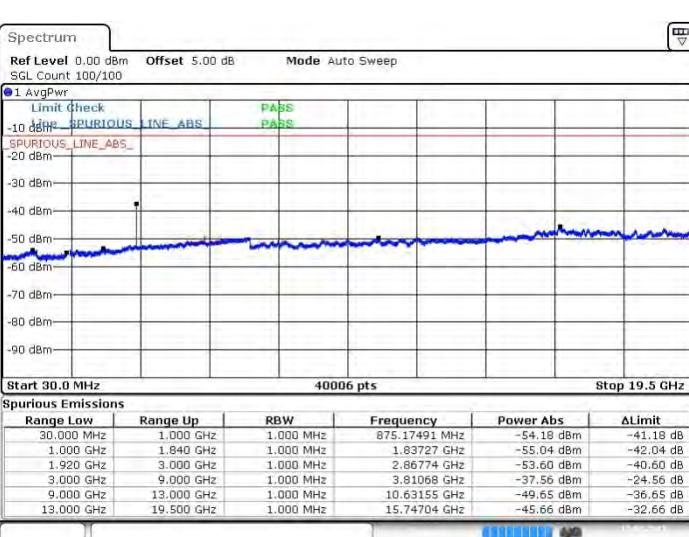




LTE Band 2 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



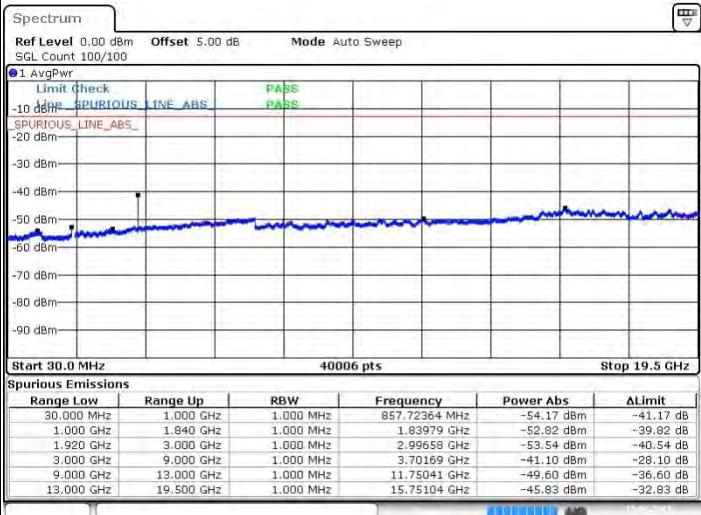
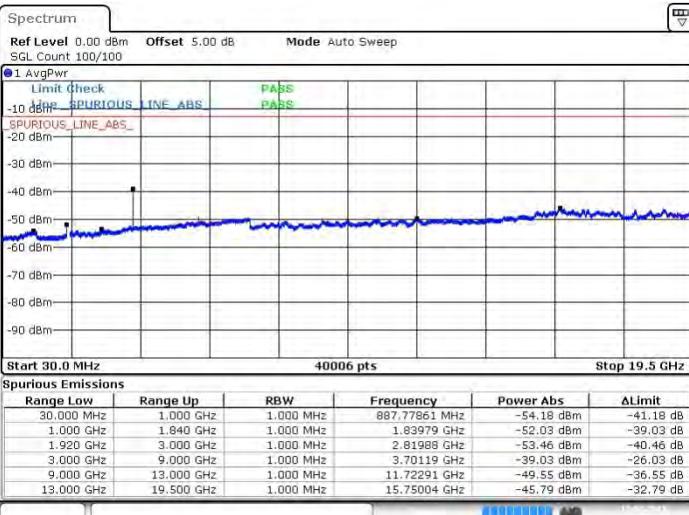
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Date: 17 MAR 2015 10:07:33

LTE Band 2 / 10MHz

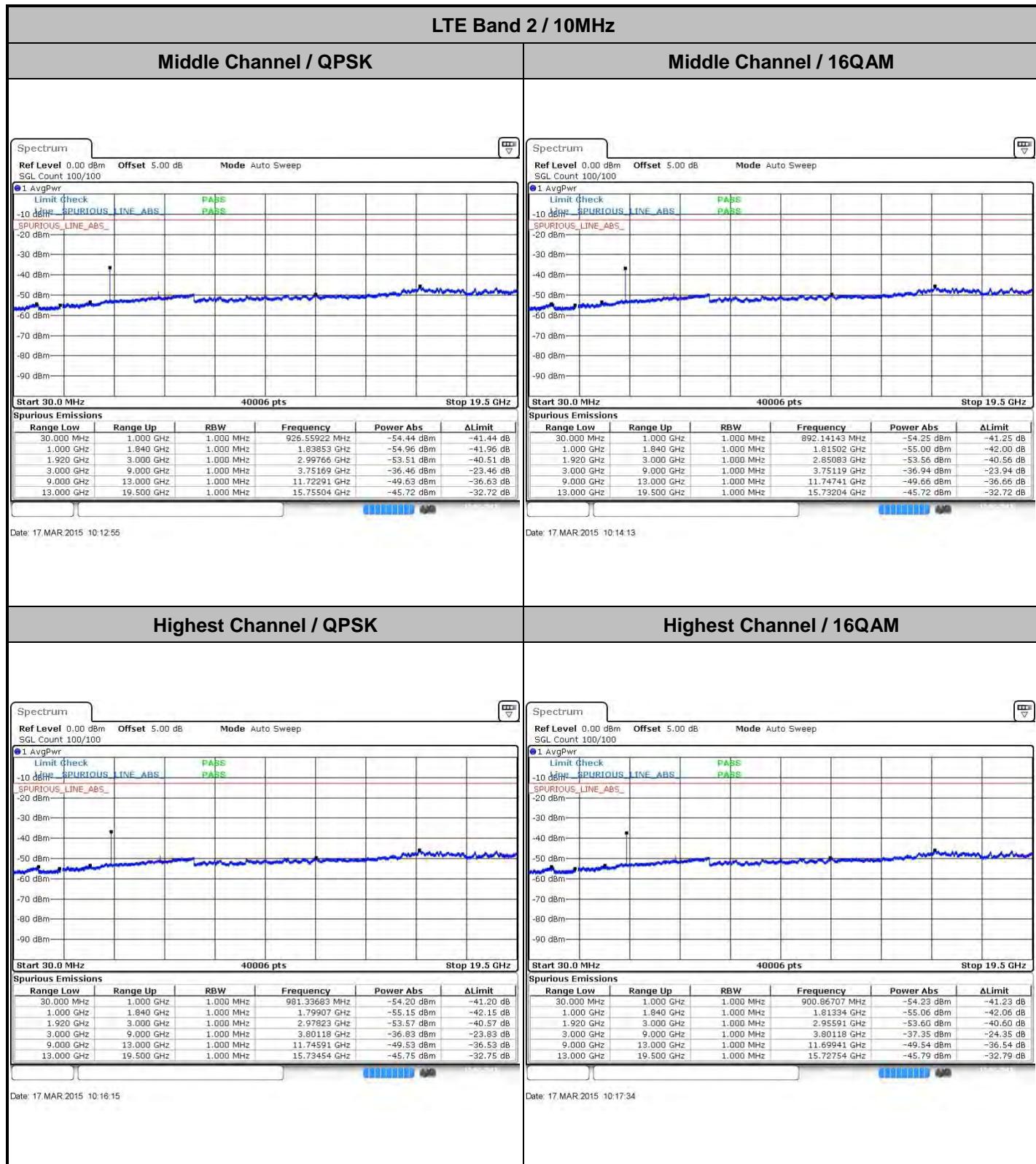
Lowest Channel / QPSK

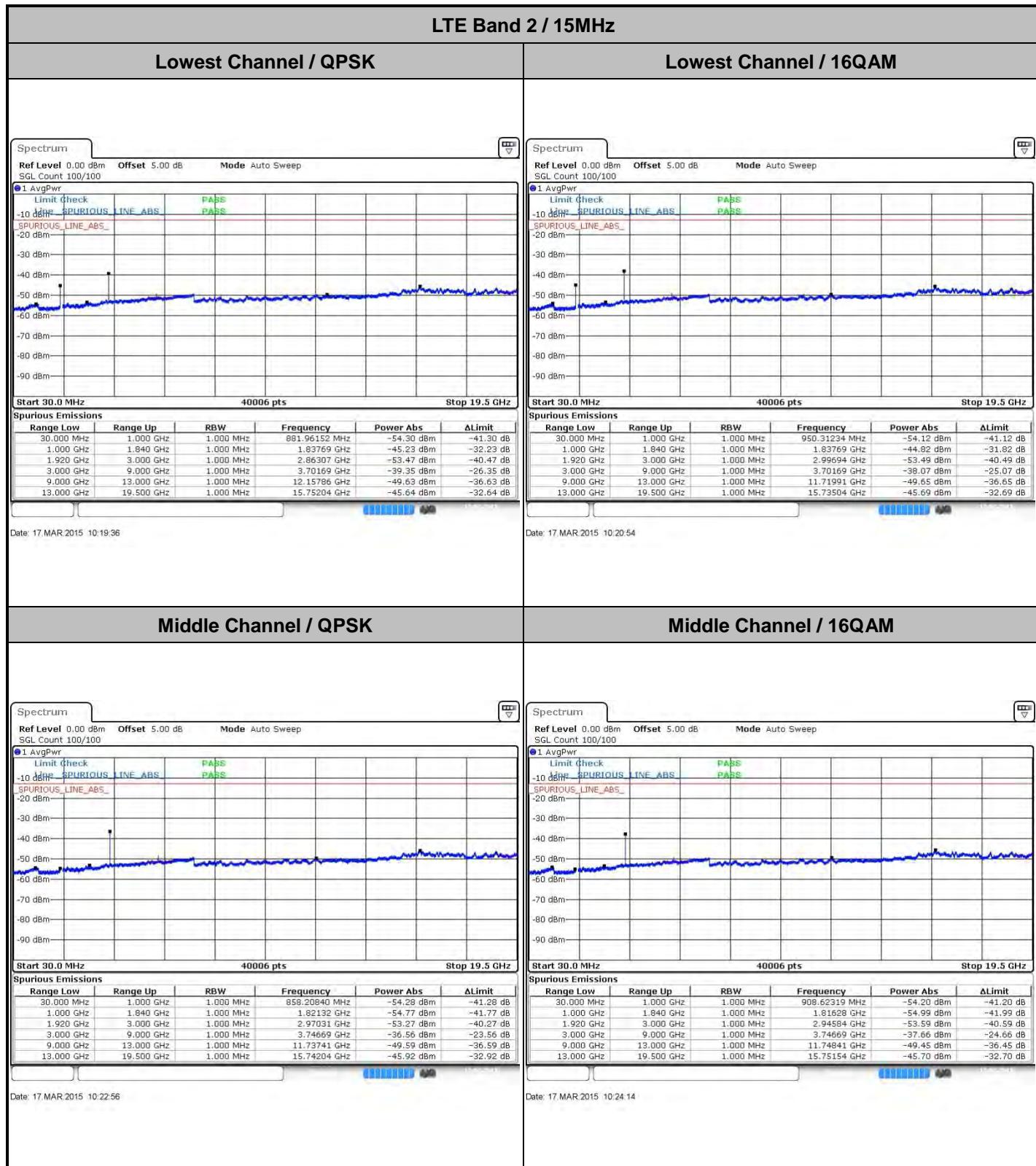
Lowest Channel / 16QAM

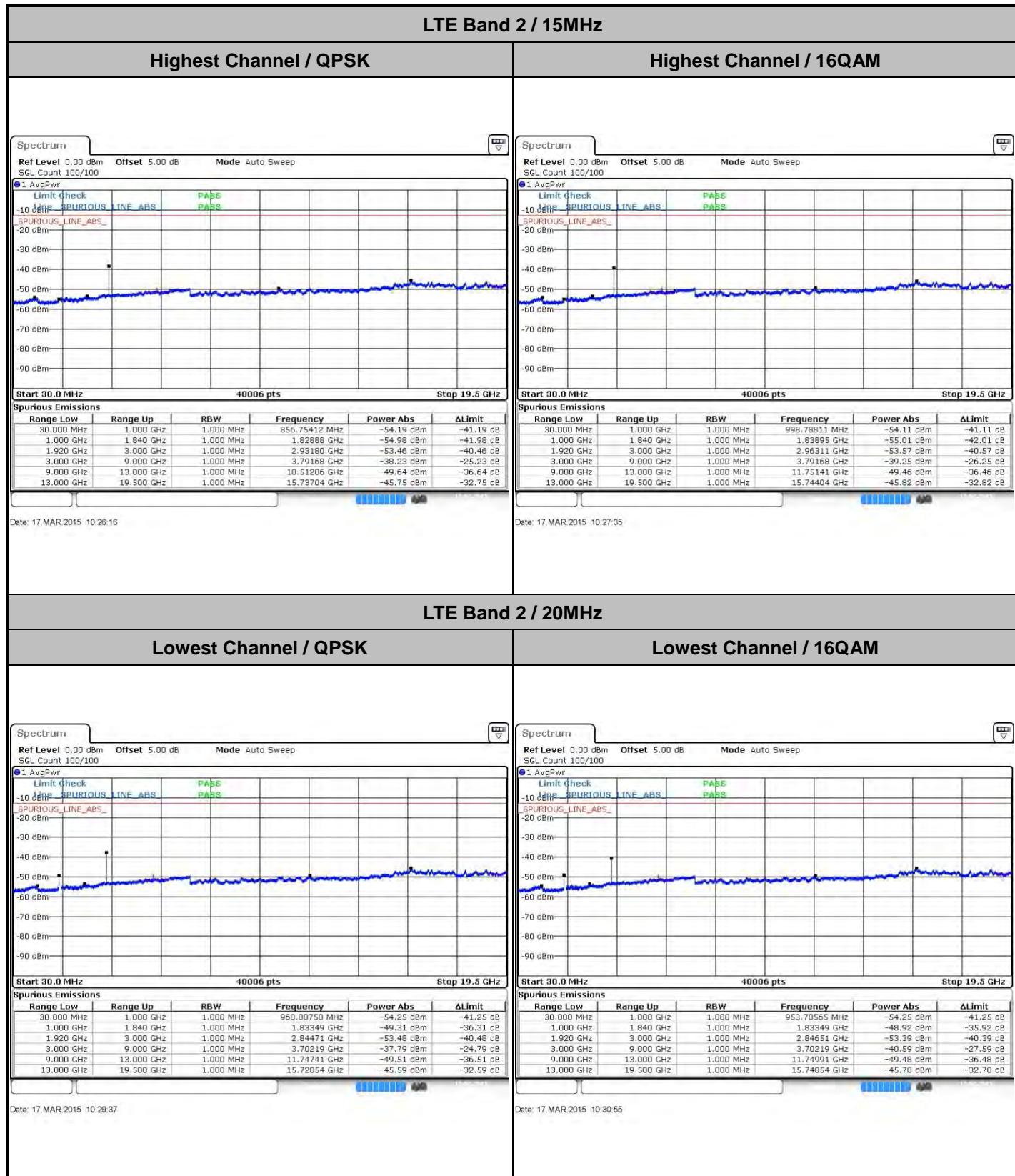


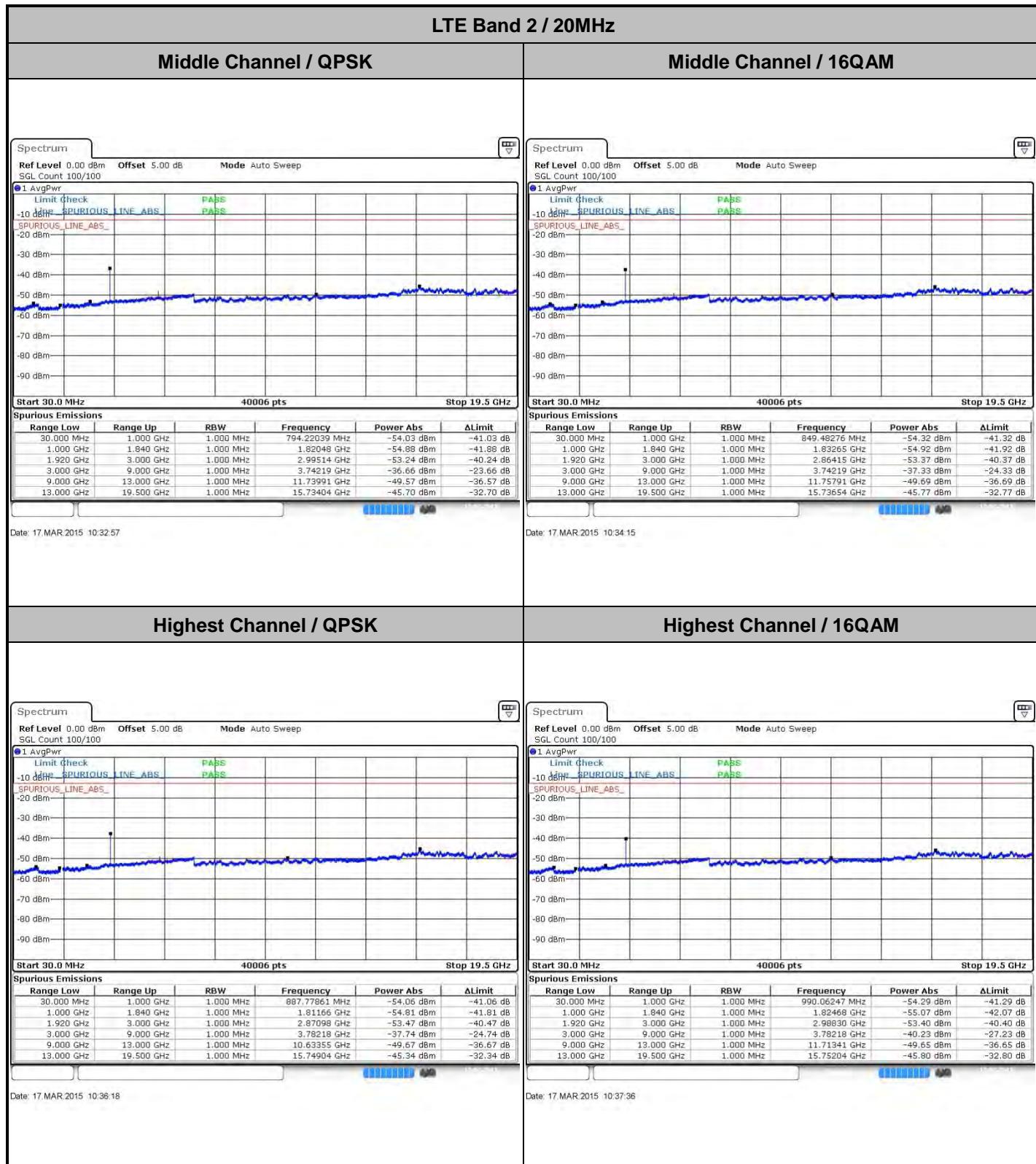
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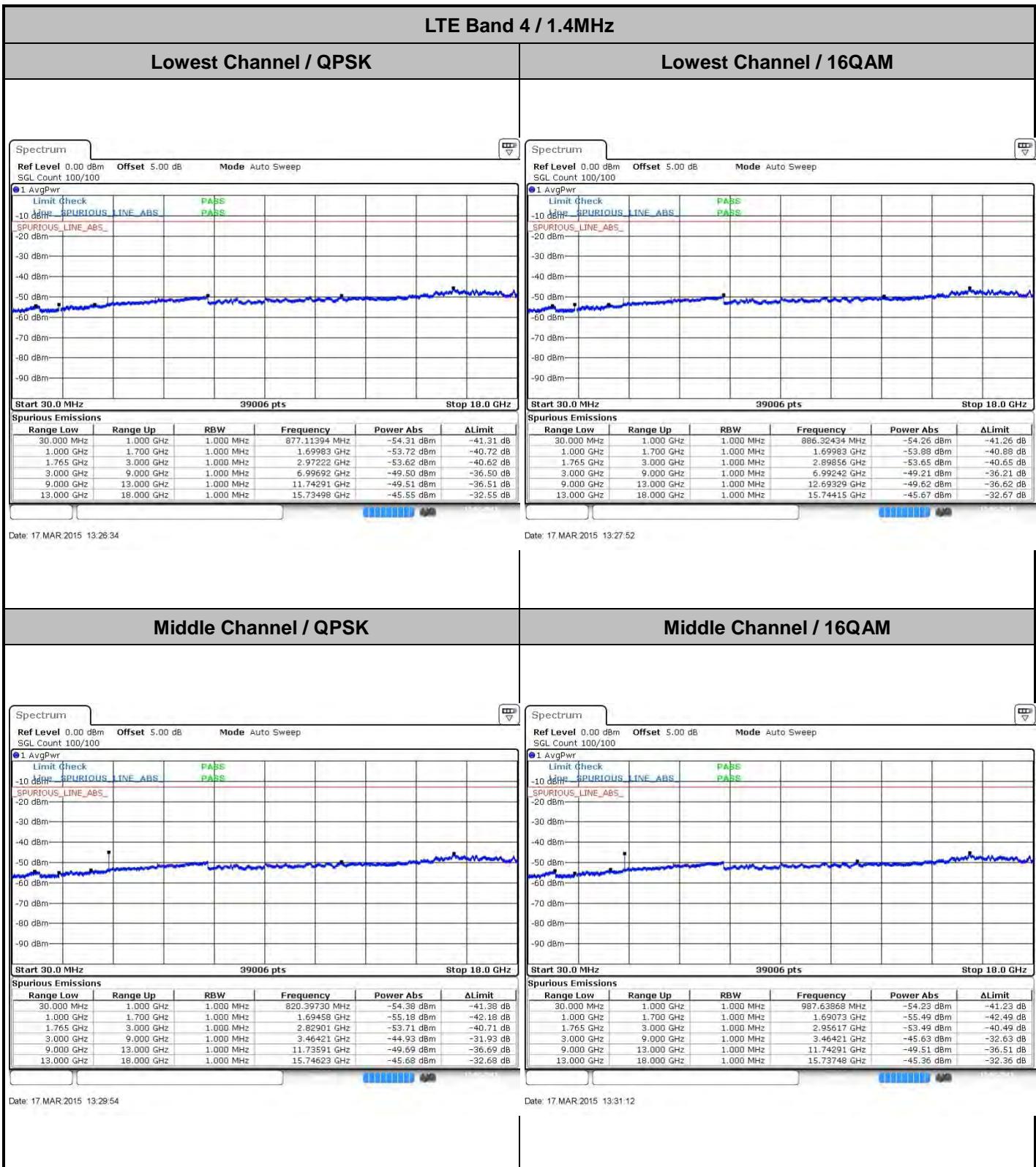
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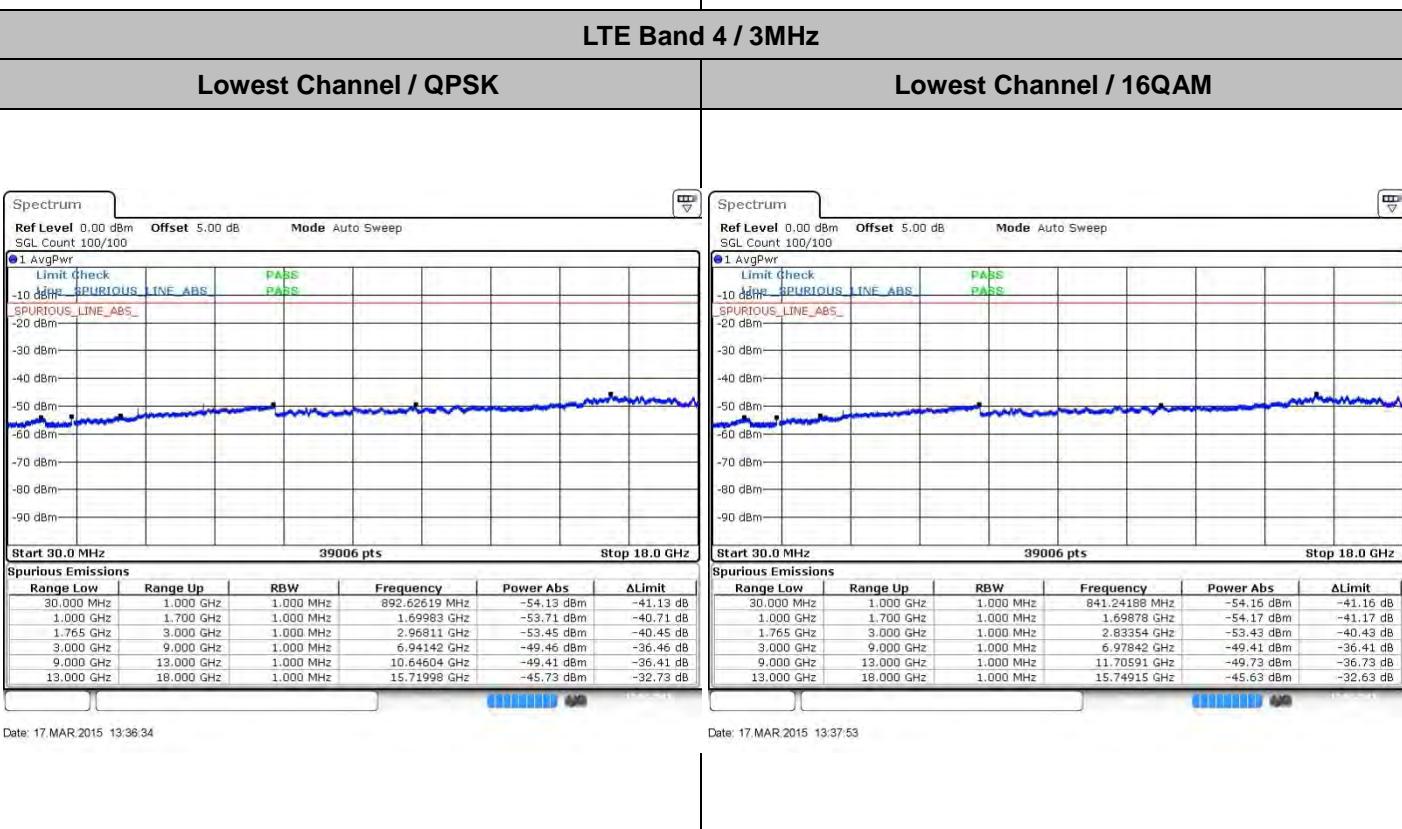
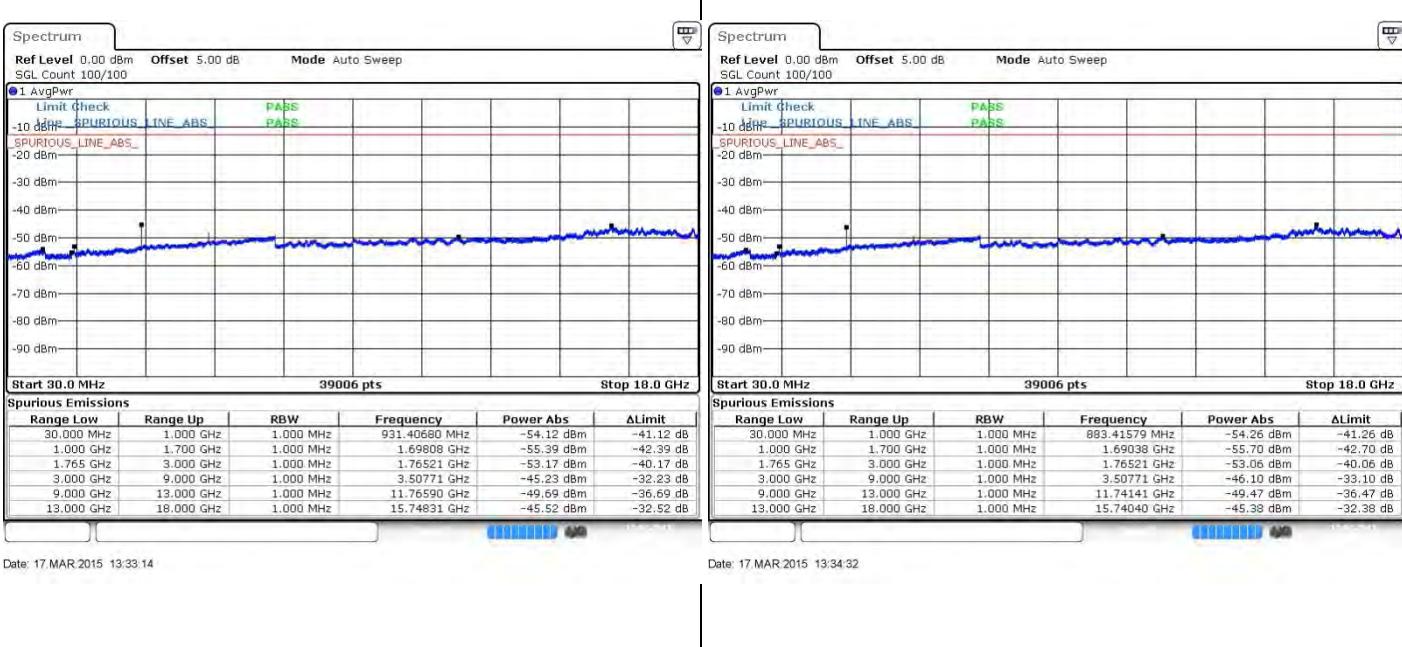




LTE Band 4 / 1.4MHz

Highest Channel / QPSK

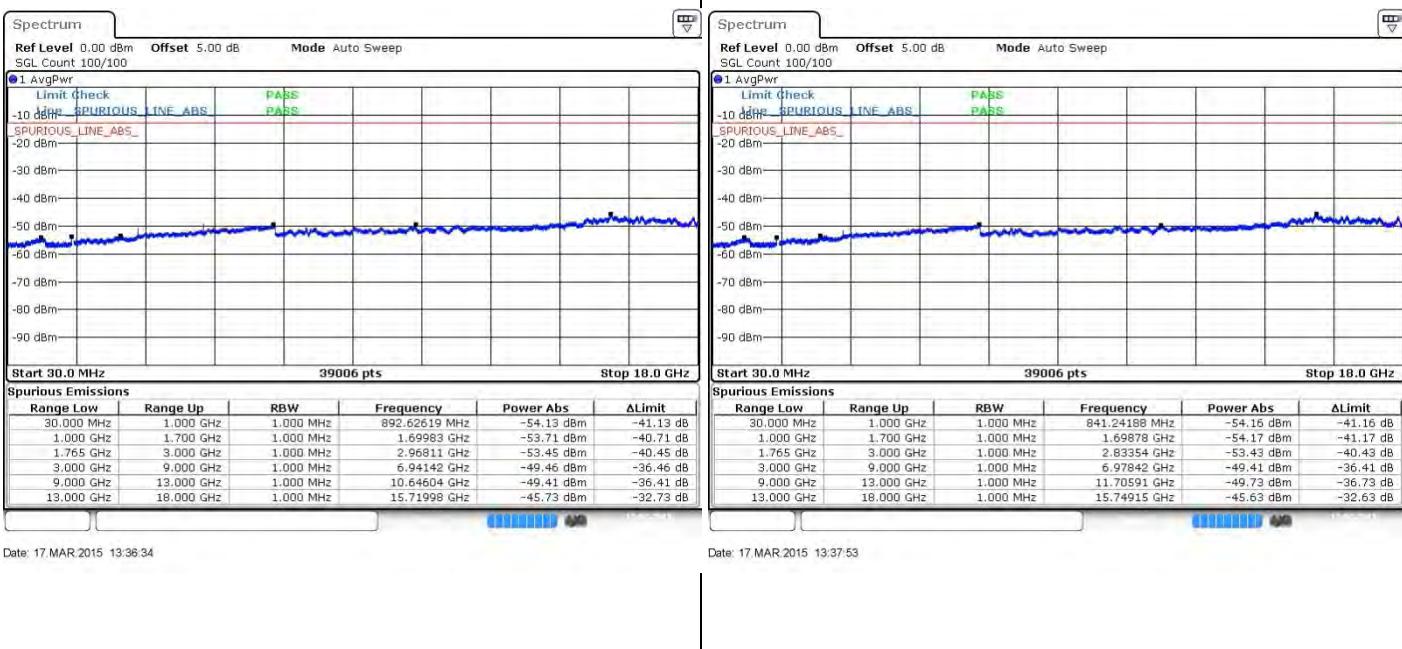
Highest Channel / 16QAM



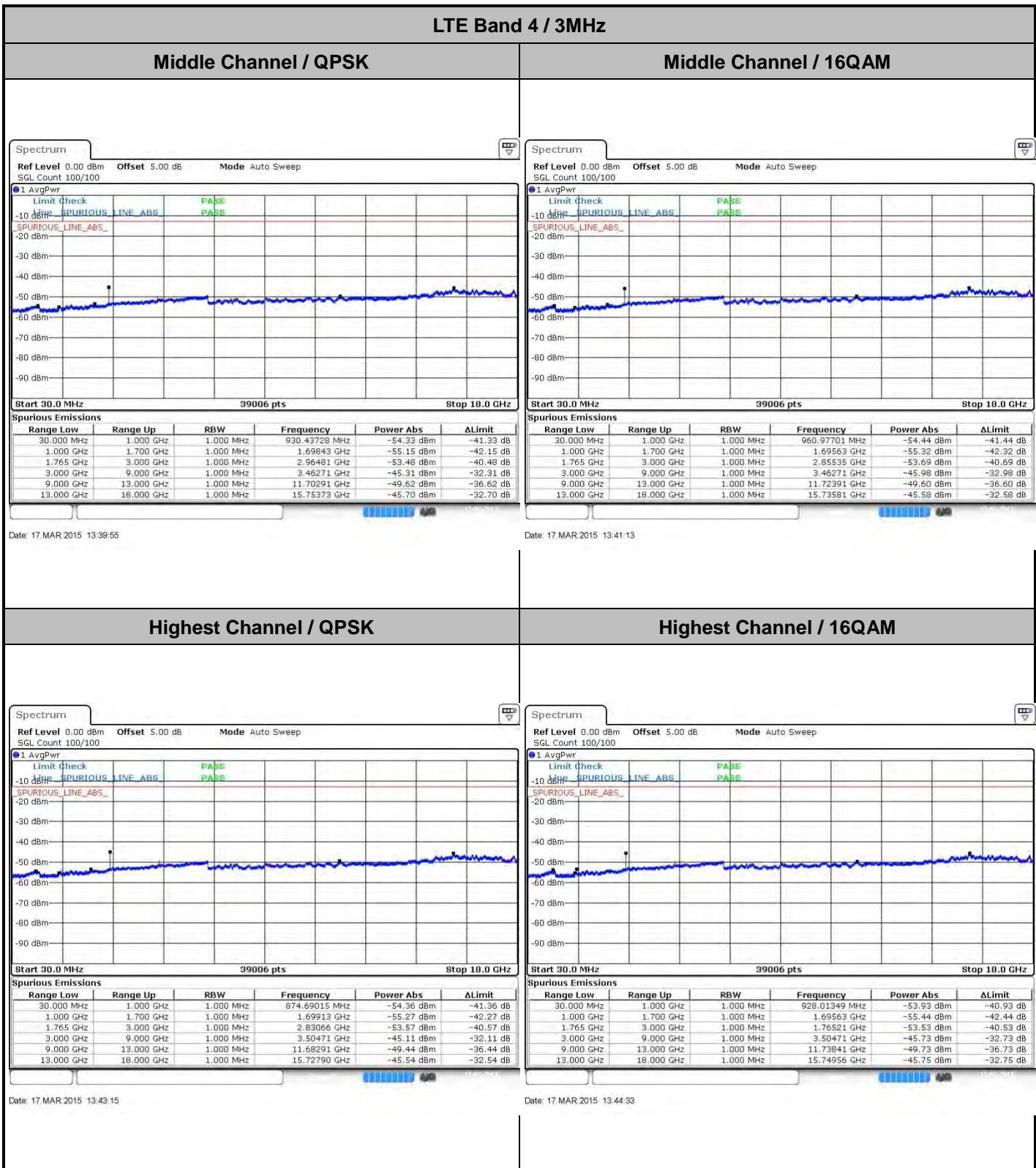
LTE Band 4 / 3MHz

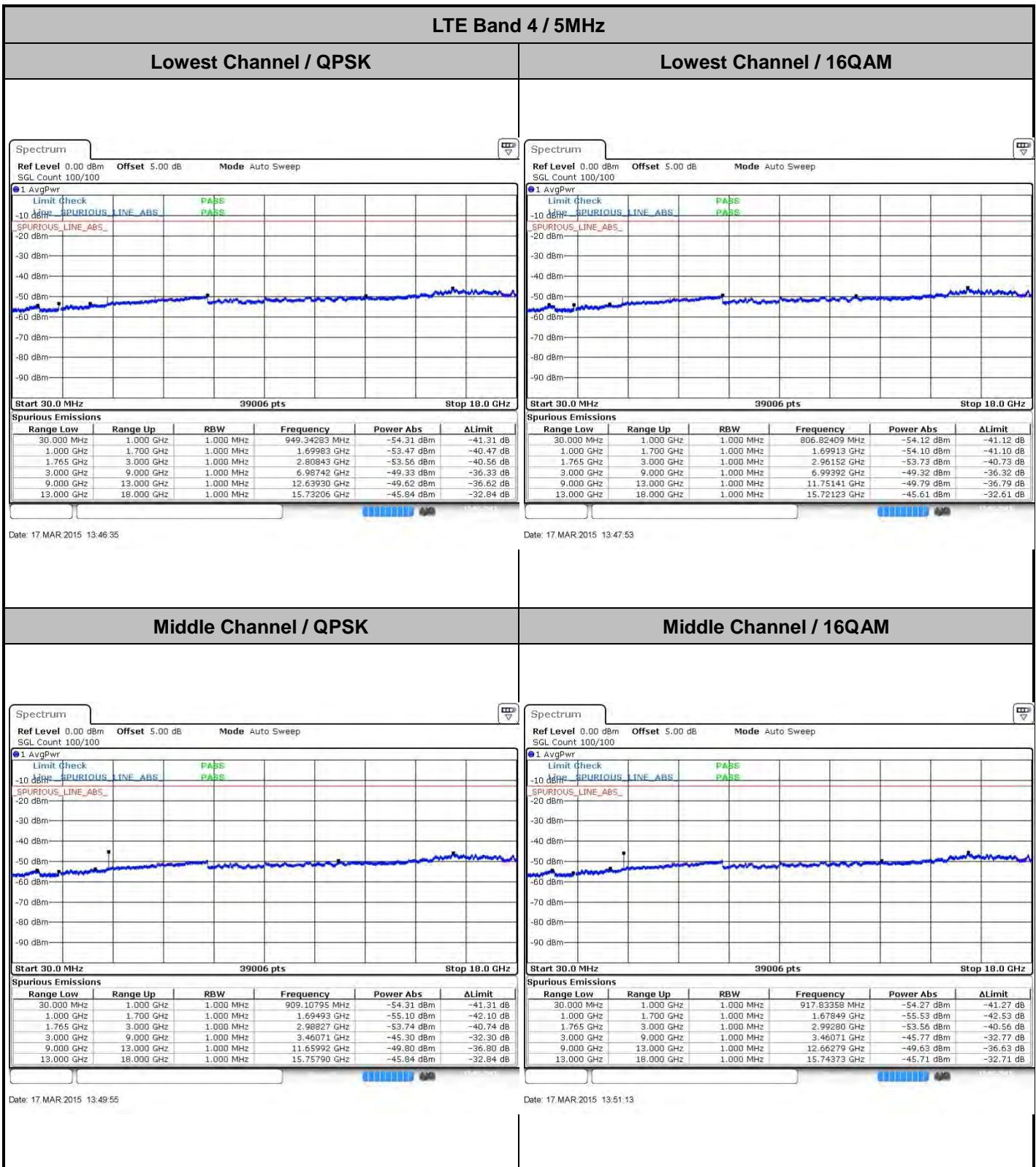
Lowest Channel / QPSK

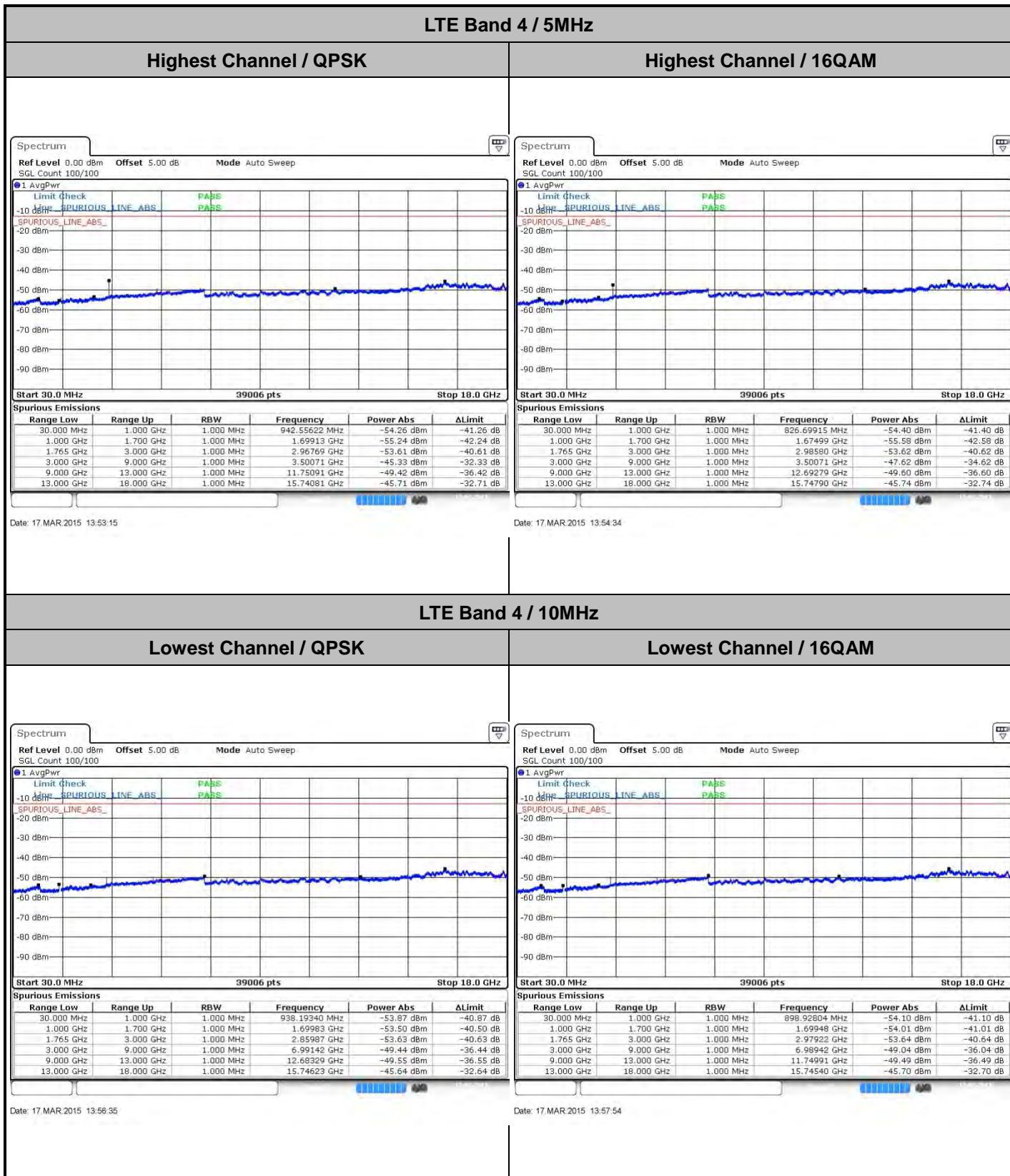
Lowest Channel / 16QAM

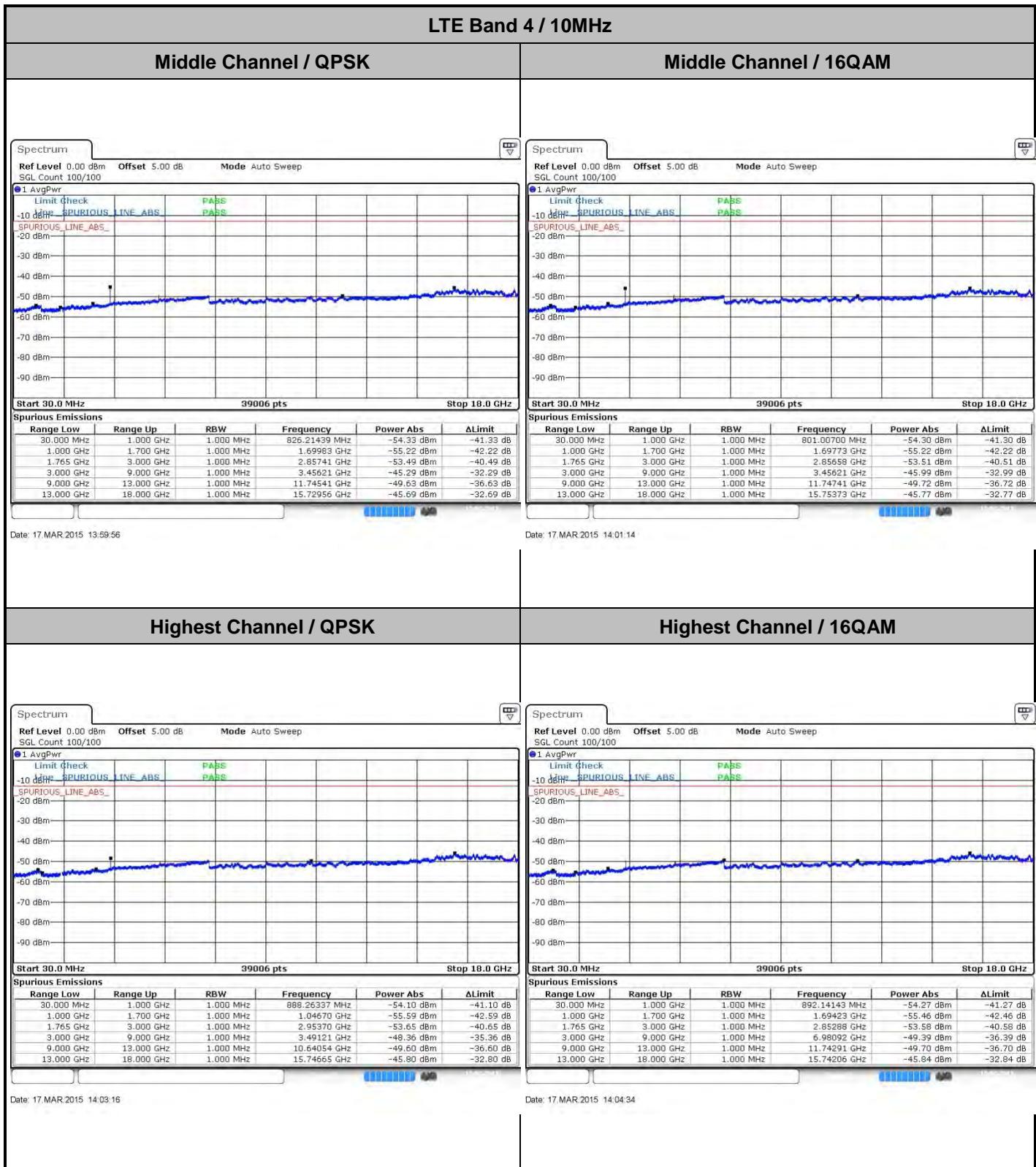


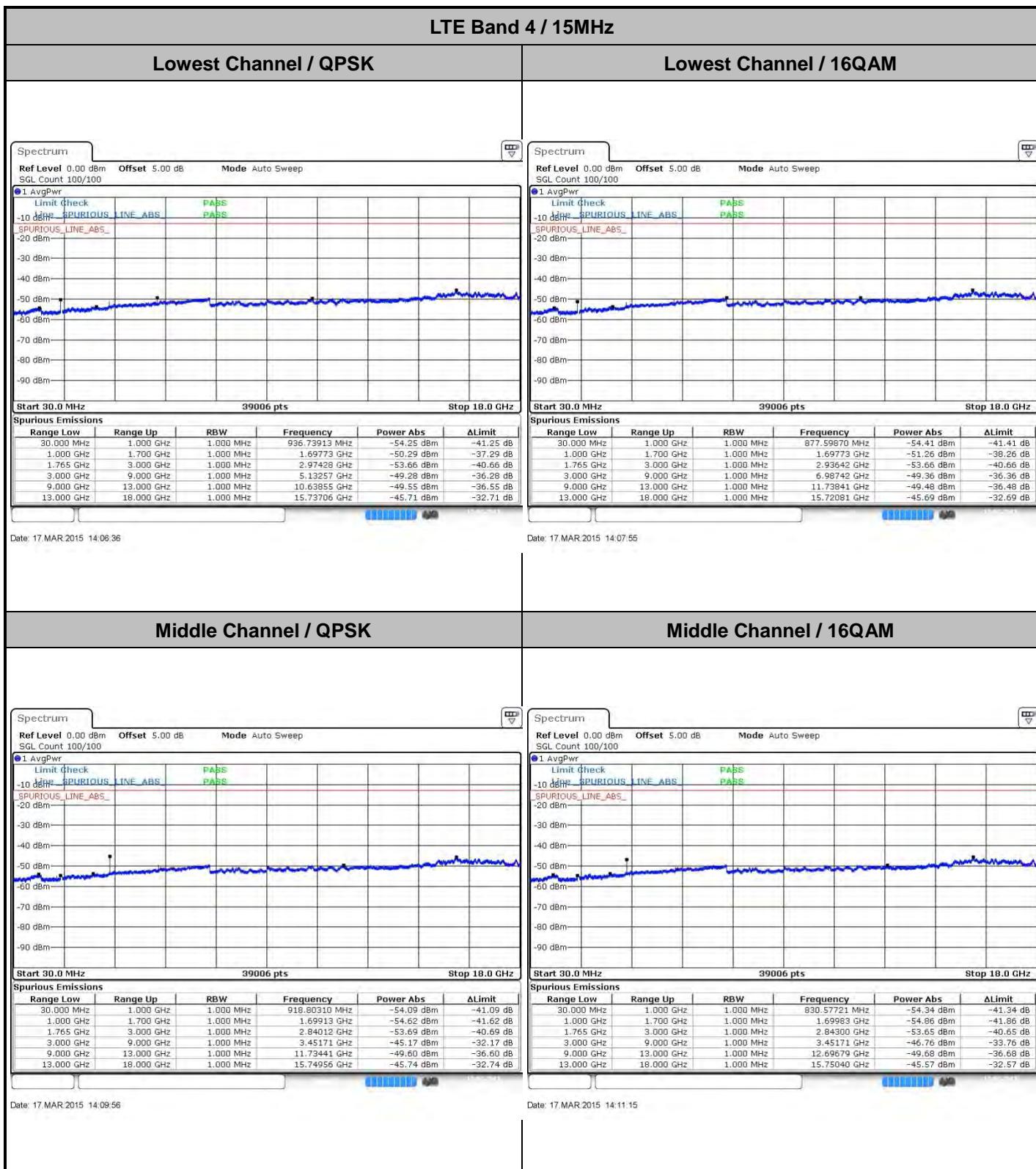
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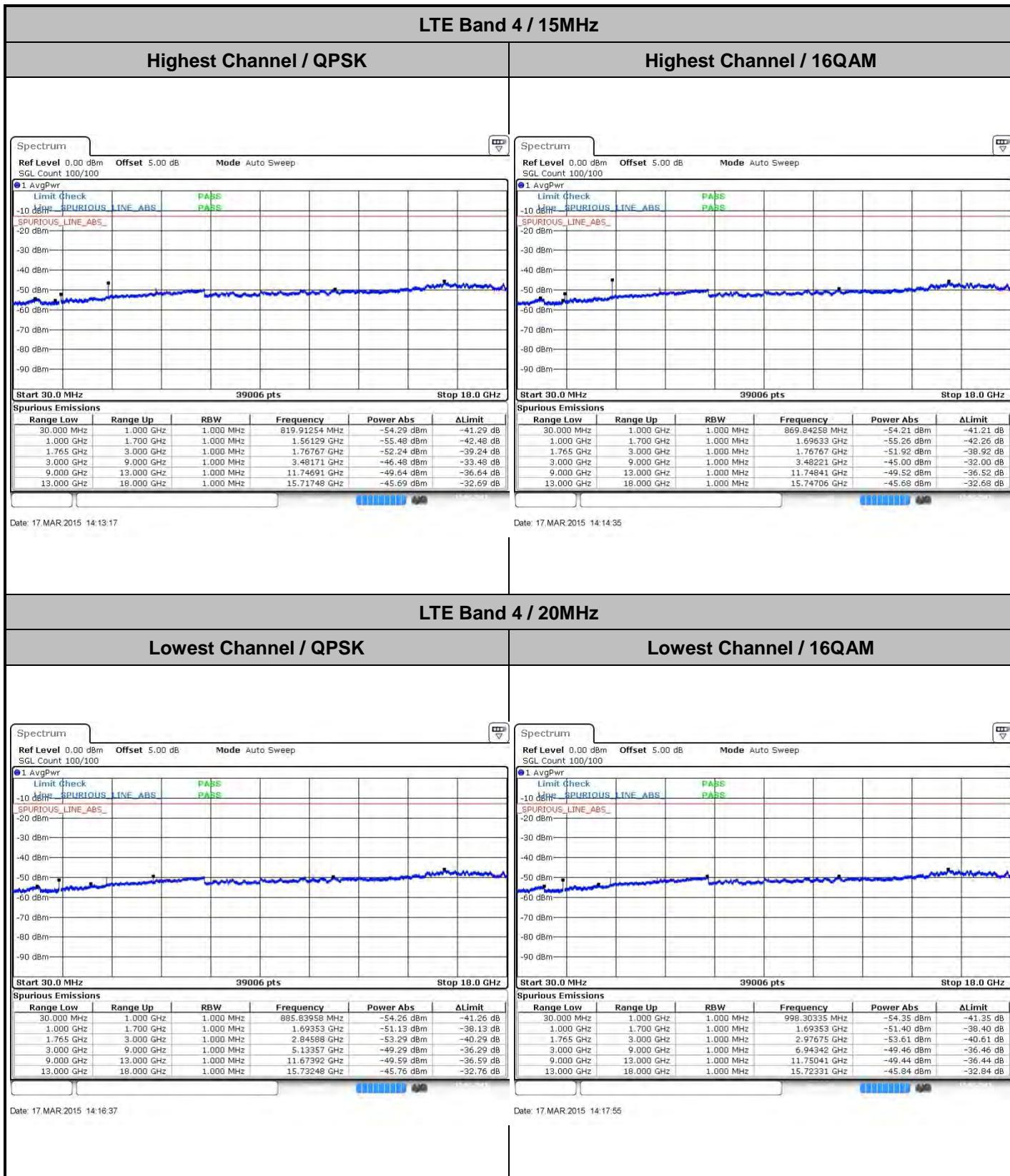


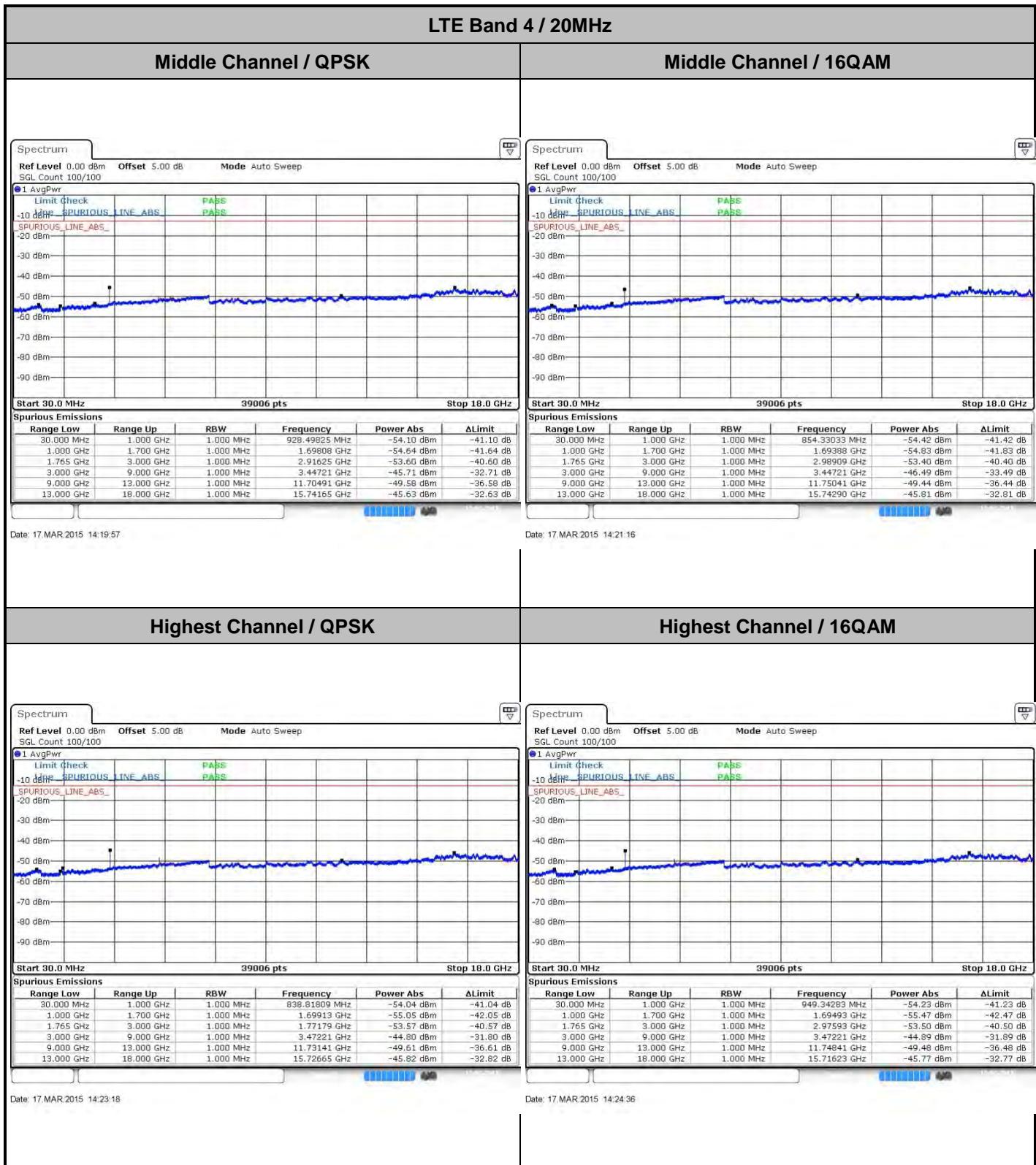


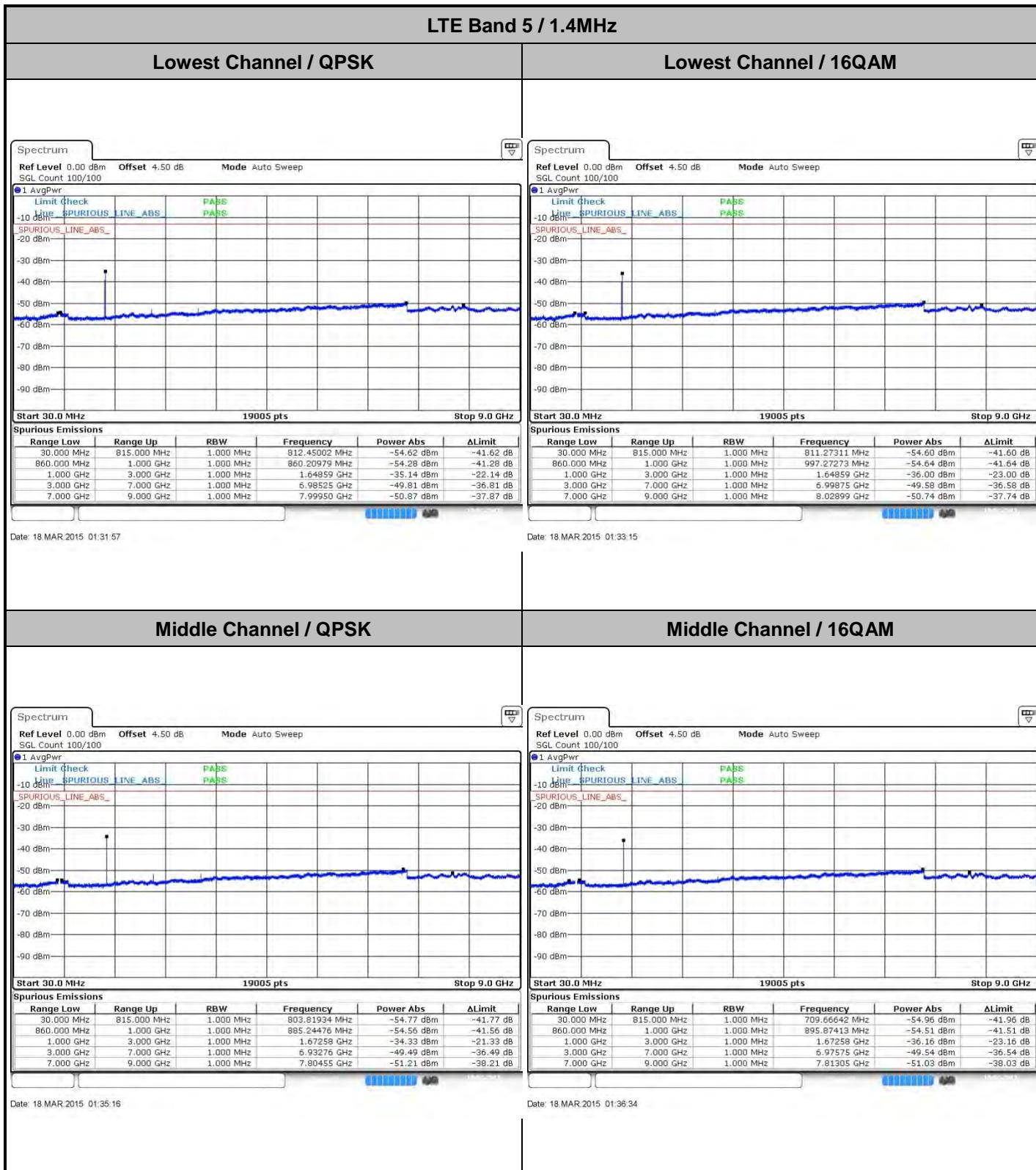










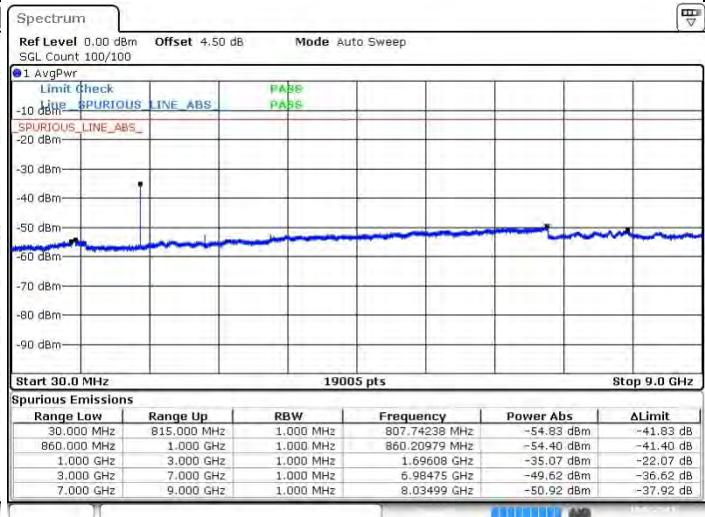
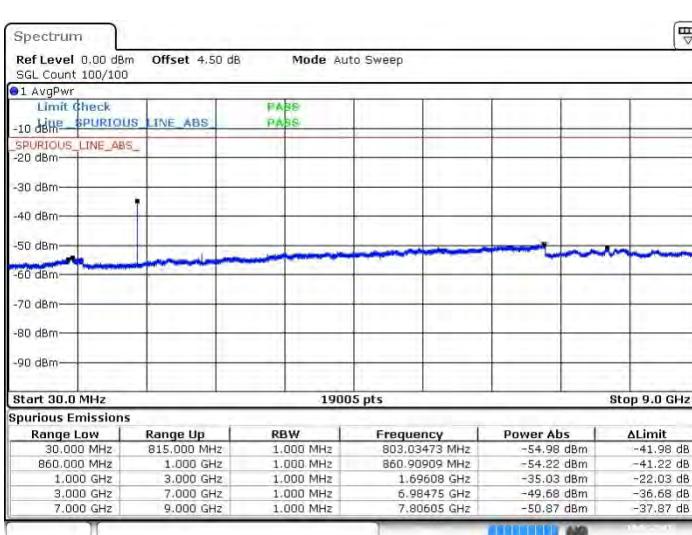




LTE Band 5 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM

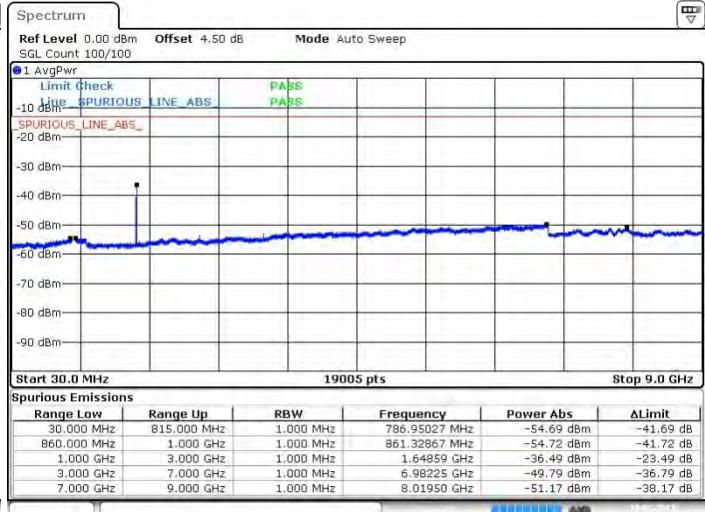
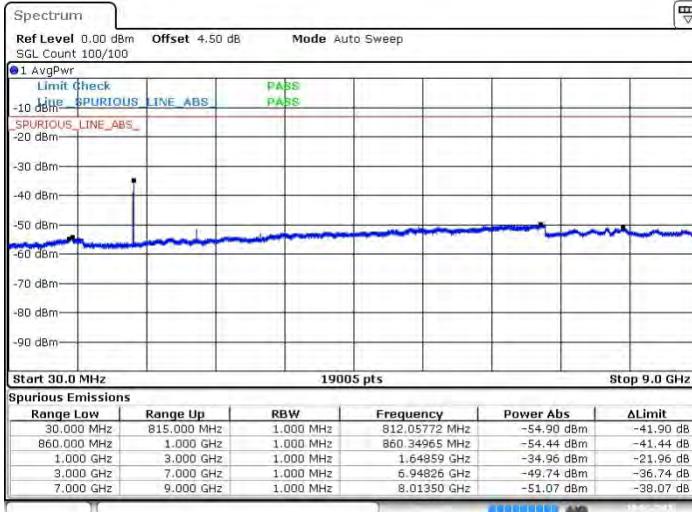


Date: 18 MAR 2015 01:38:56

LTE Band 5 / 3MHz

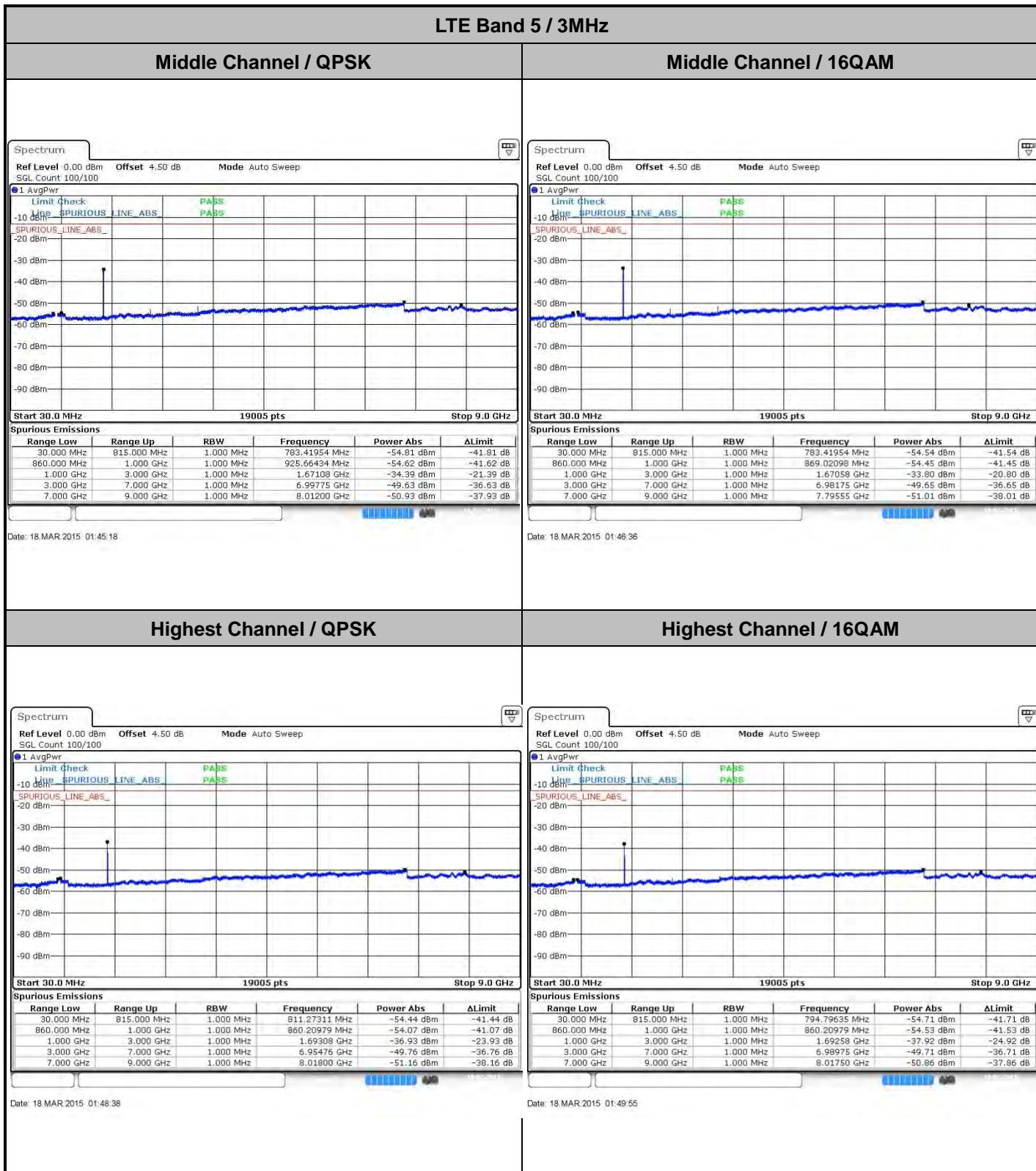
Lowest Channel / QPSK

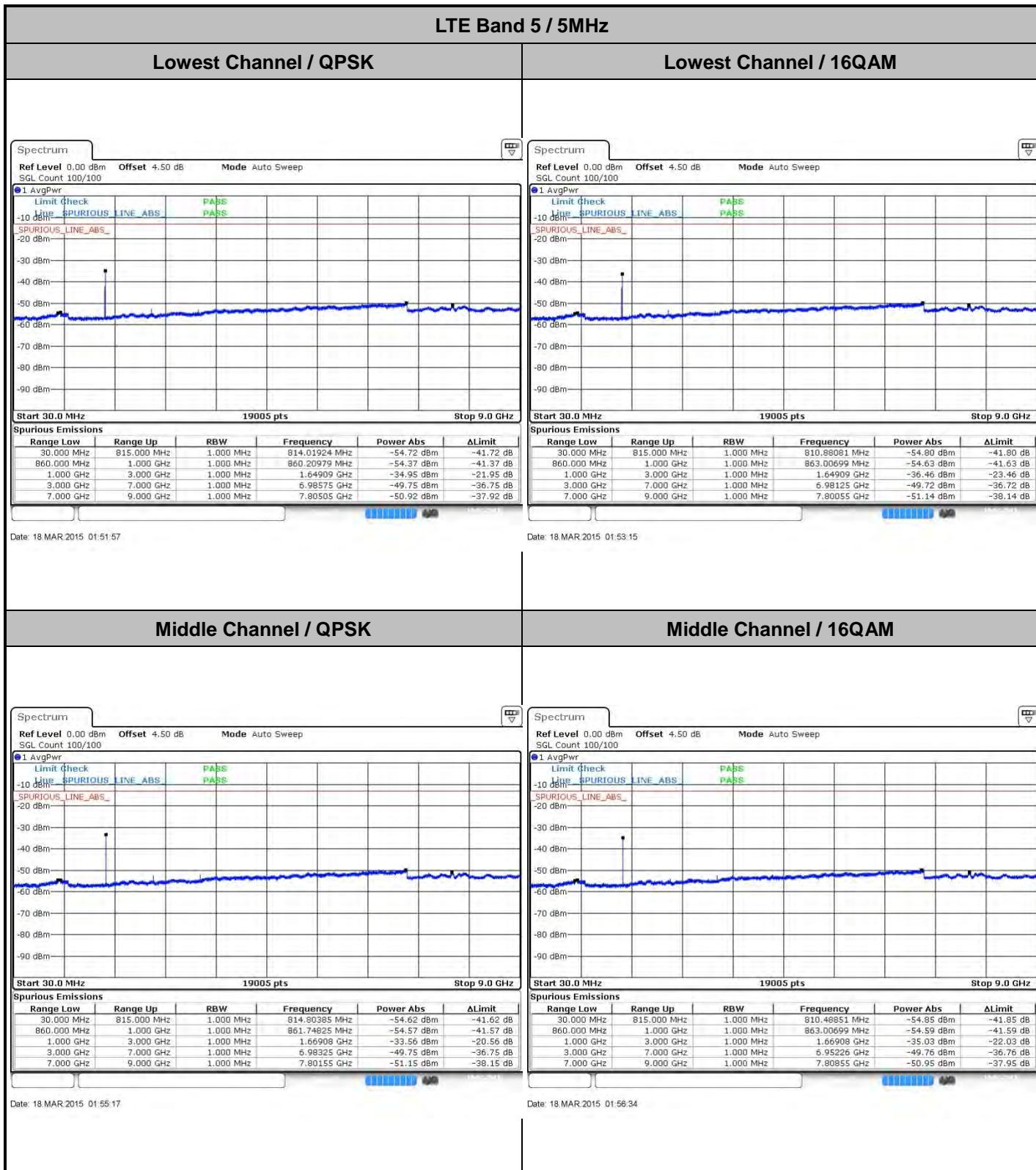
Lowest Channel / 16QAM



Date: 18 MAR 2015 01:41:55

Date: 18 MAR 2015 01:43:13



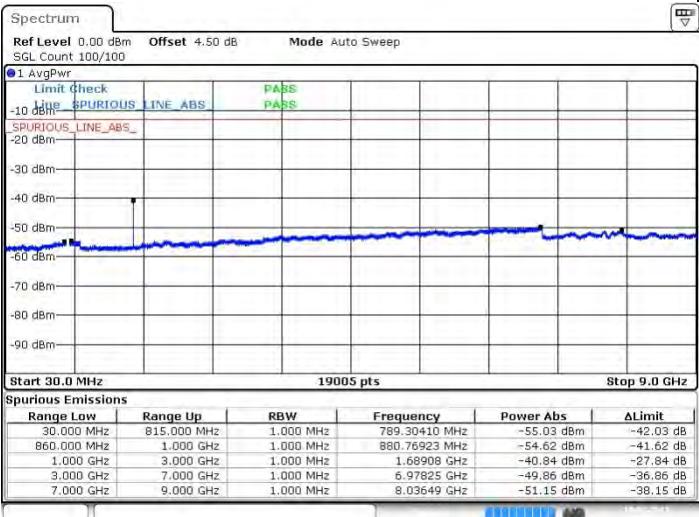
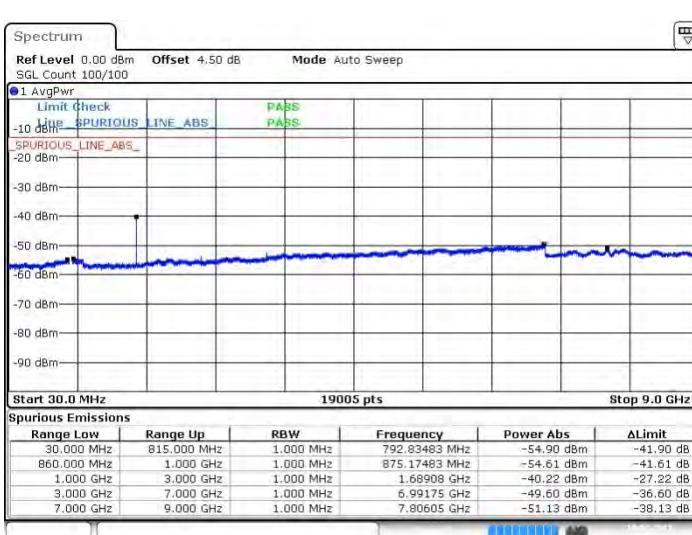




LTE Band 5 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



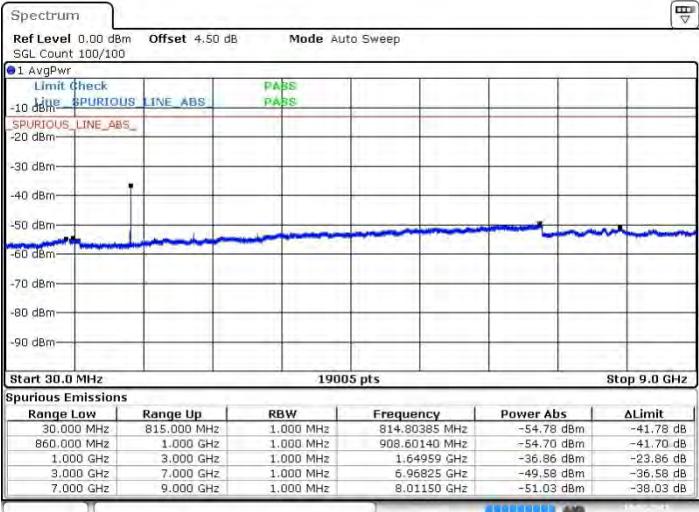
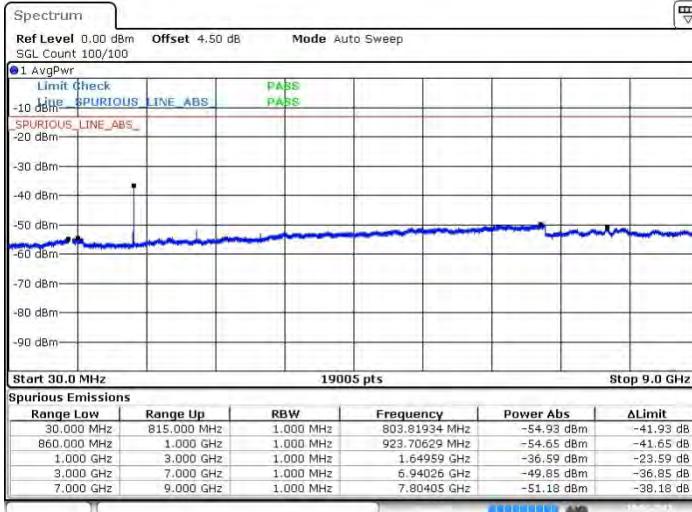
Date: 18 MAR 2015 01:58:36

Date: 18 MAR 2015 01:59:54

LTE Band 5 / 10MHz

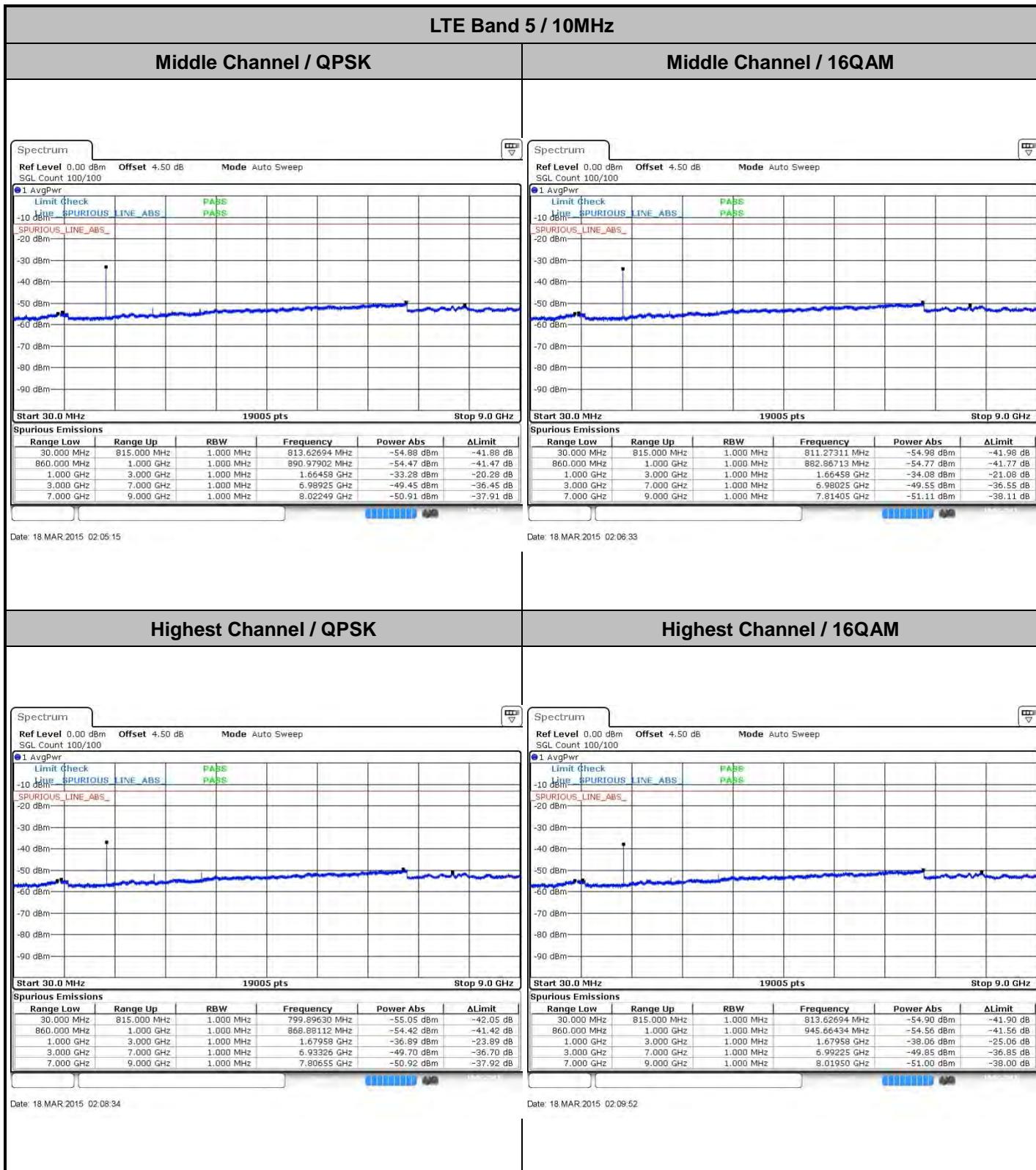
Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18 MAR 2015 02:01:55

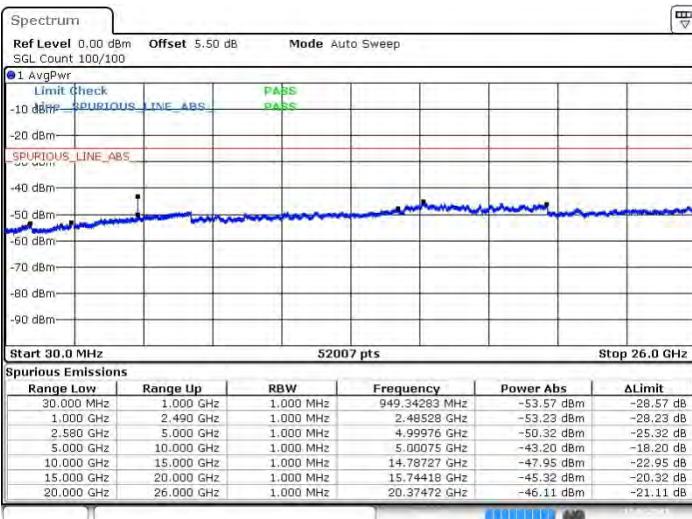
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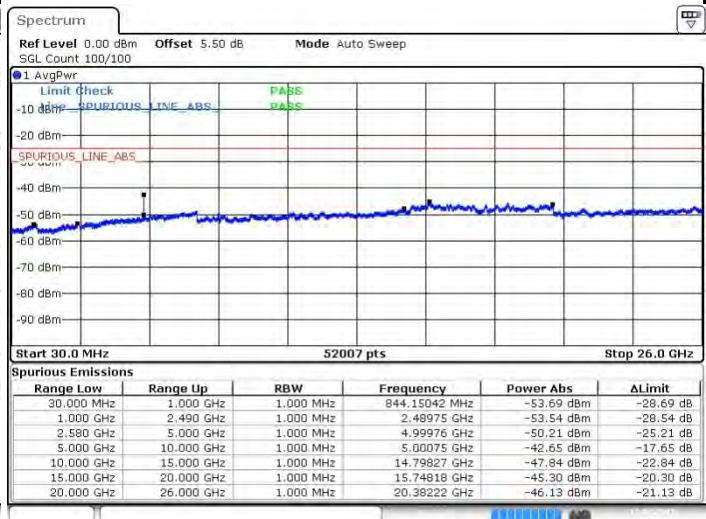
LTE Band 7 / 5MHz

Lowest Channel / QPSK



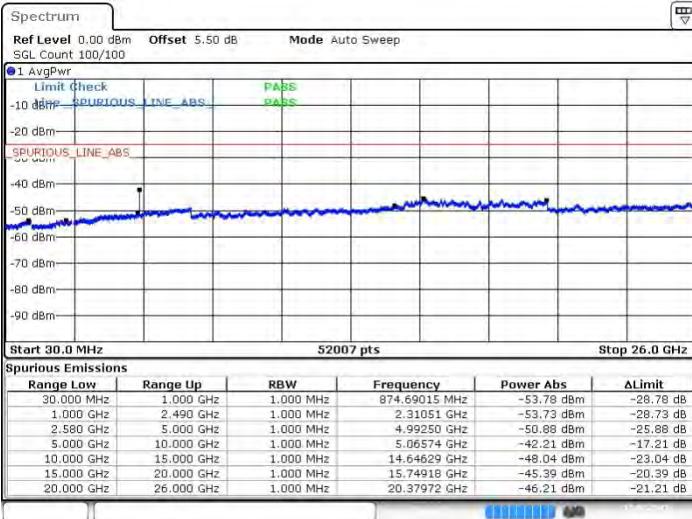
Date: 17.MAR.2015 17:30:35

Lowest Channel / 16QAM



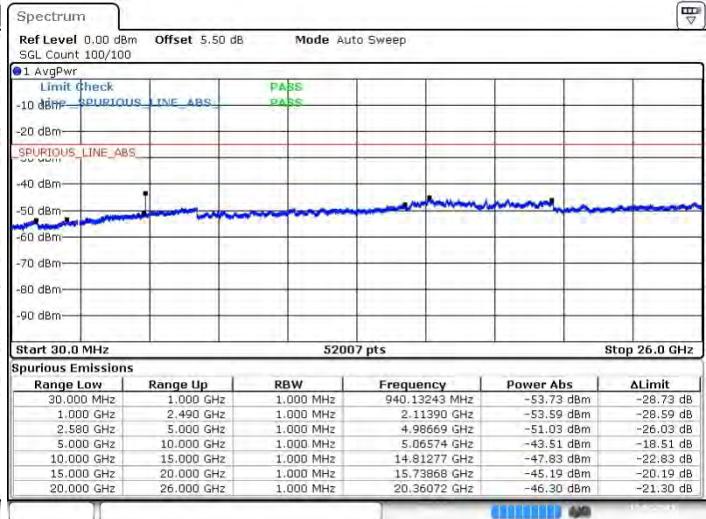
Date: 17 MAR 2015 17:31:53

Middle Channel / QPSK



Date: 17.MAR.2015 17:34:02

Middle Channel / 16QAM



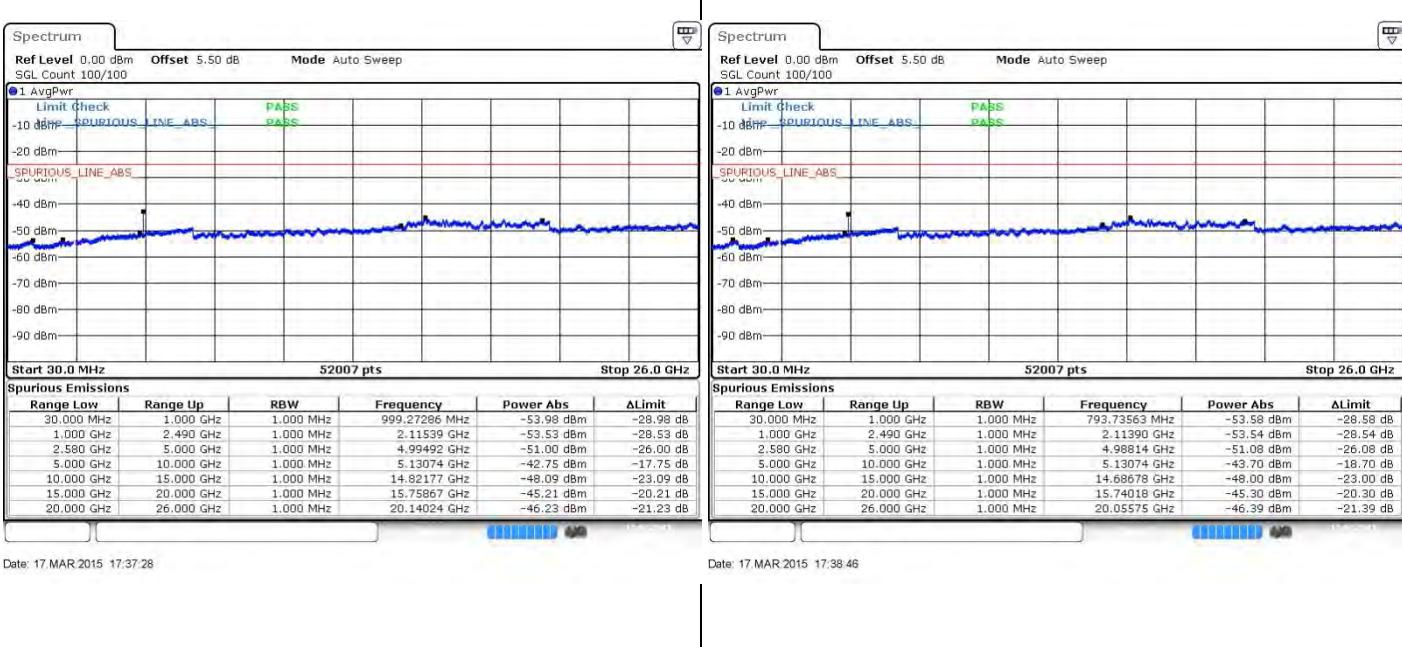
Date: 17.MAR.2015 17:35:26



LTE Band 7 / 5MHz

Highest Channel / QPSK

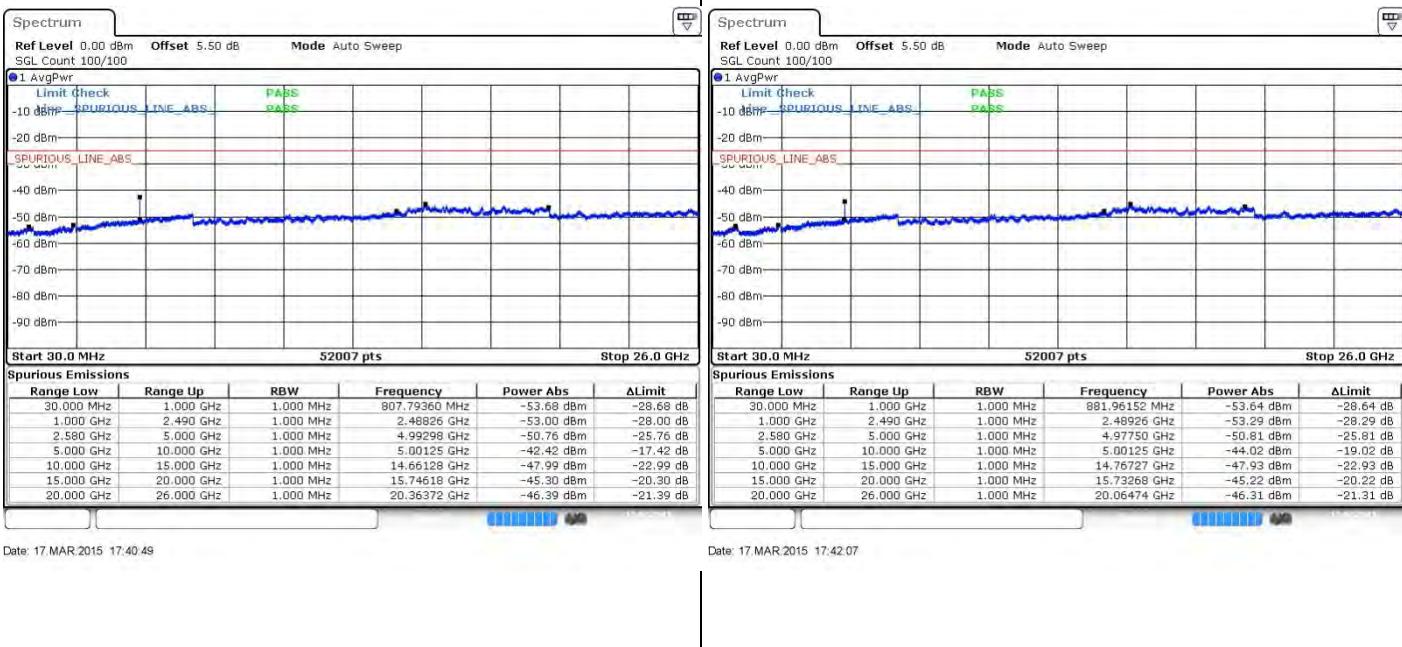
Highest Channel / 16QAM

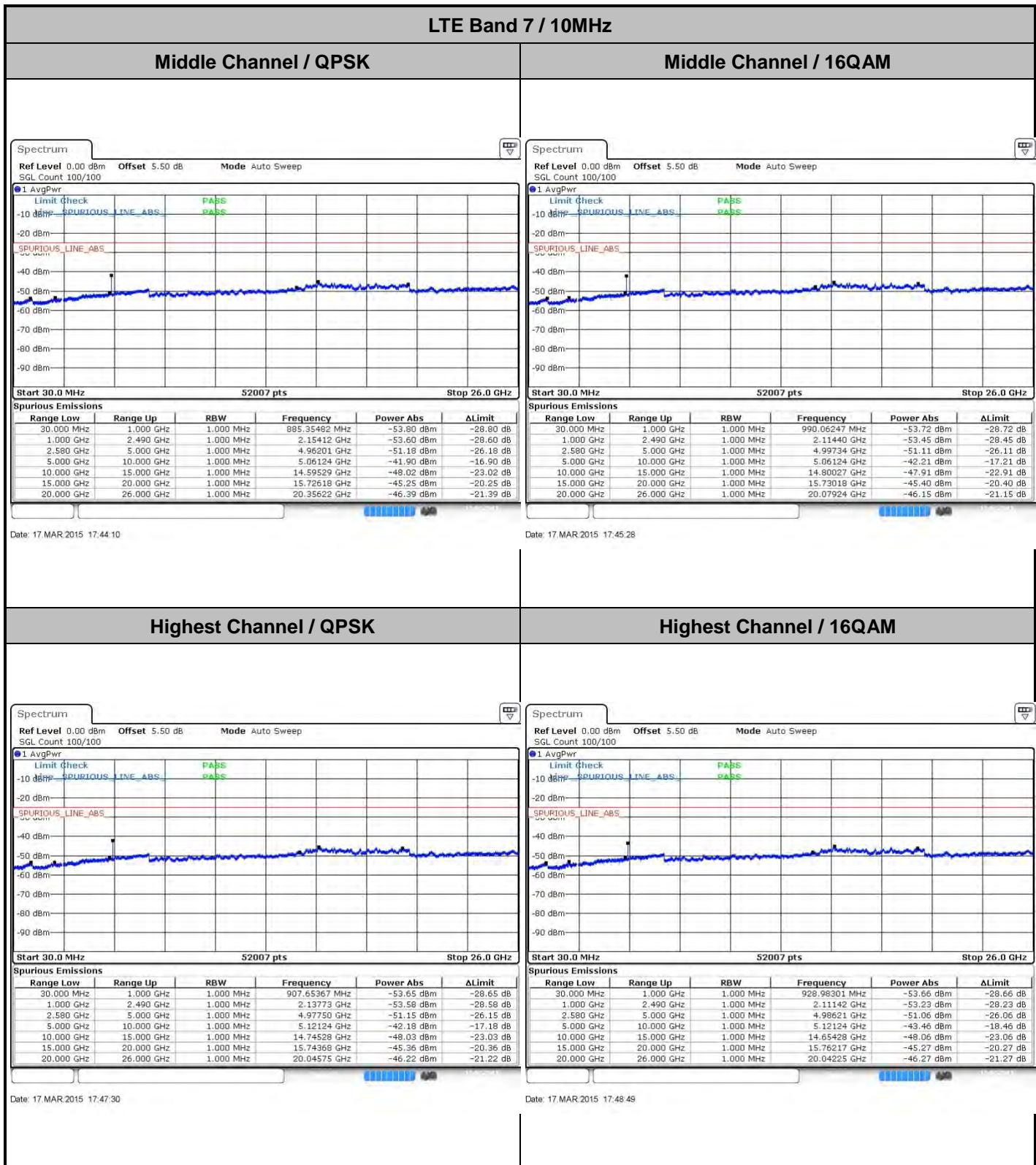


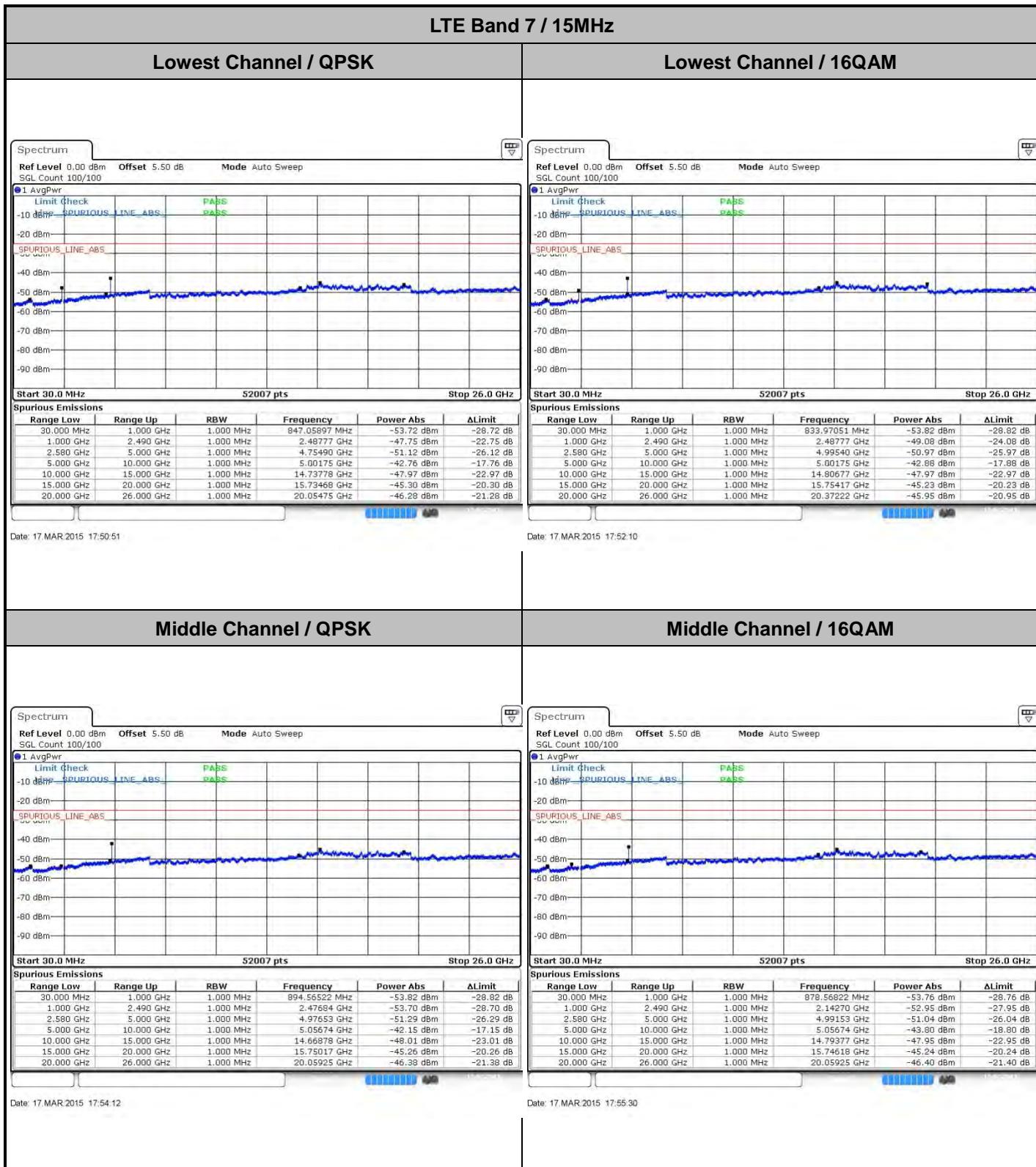
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



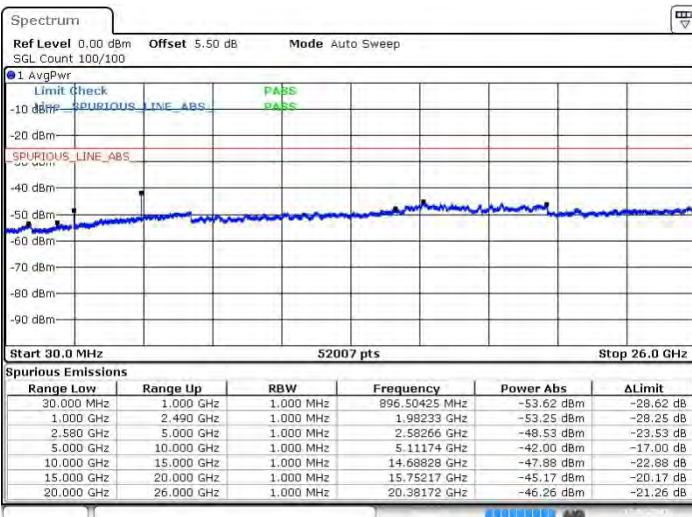






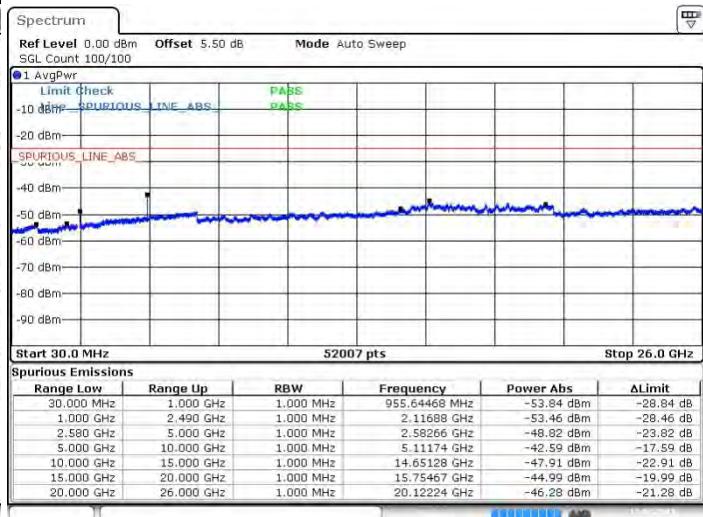
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 17.MAR.2015 17:57:33

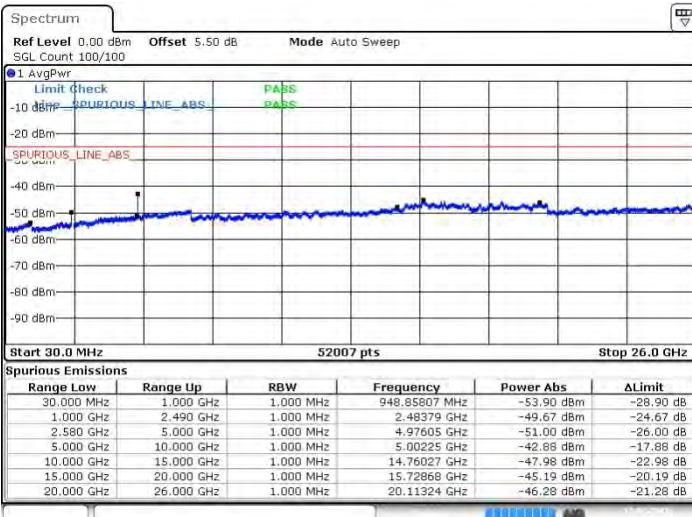
Highest Channel / 16QAM



Date: 17.MAR.2015 17:58:51

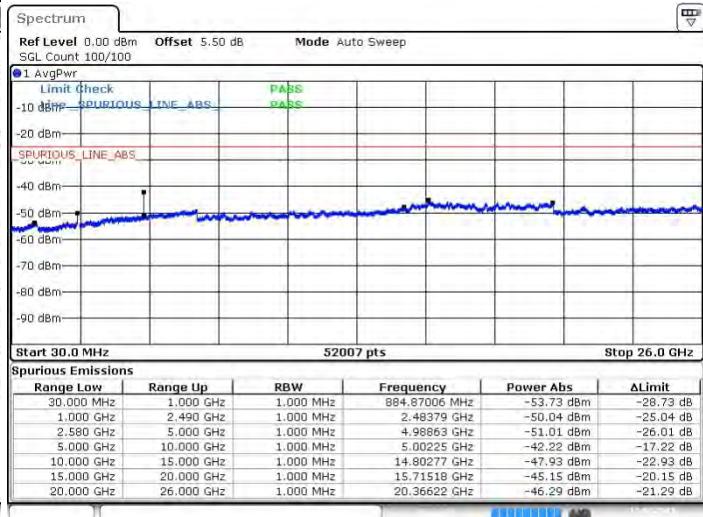
LTE Band 7 / 20MHz

Lowest Channel / QPSK

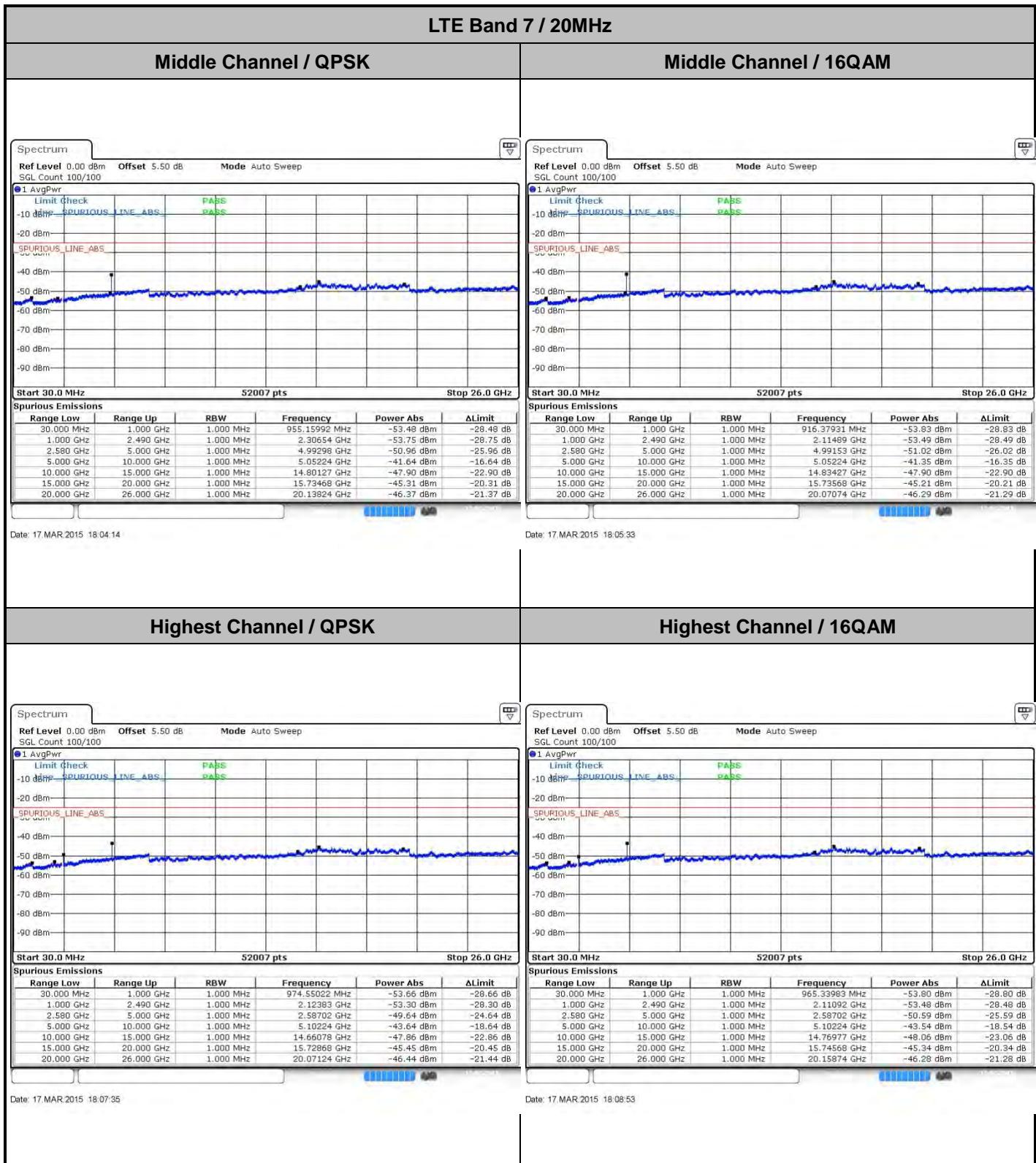


Date: 17.MAR.2015 18:00:53

Lowest Channel / 16QAM



Date: 17.MAR.2015 18:02:12

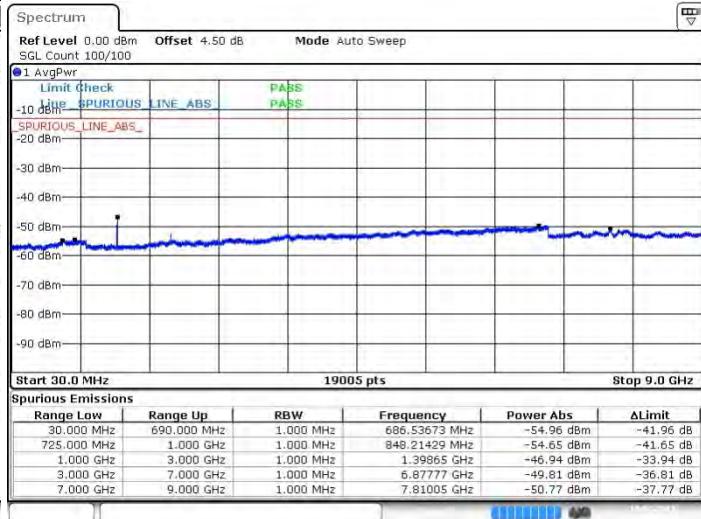
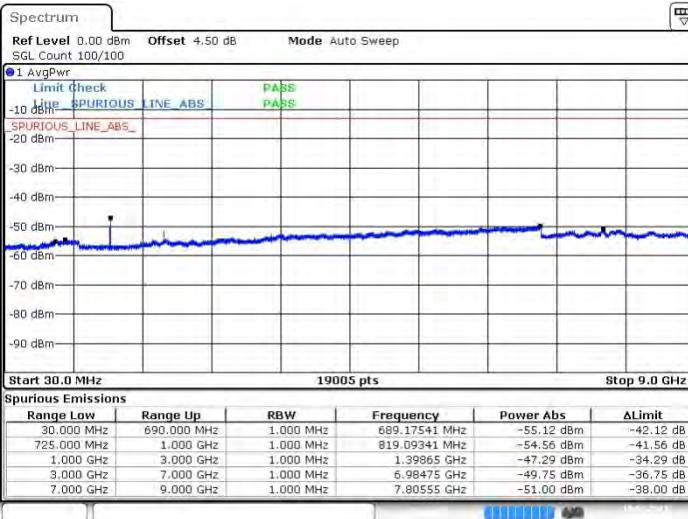




LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

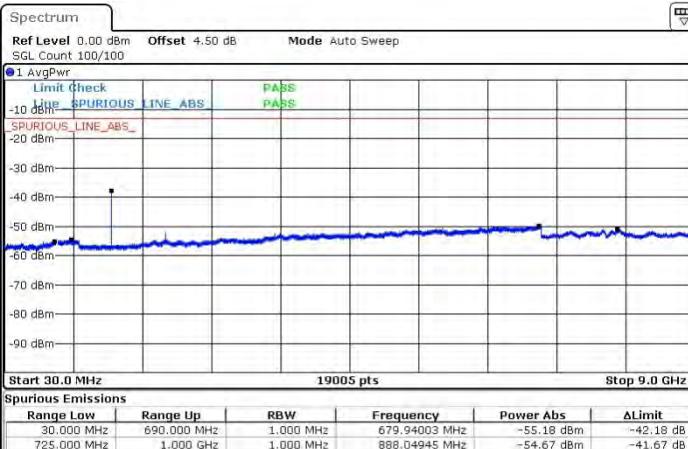


Date: 18 MAR 2015 18:28:59

Date: 18 MAR 2015 18:29:35

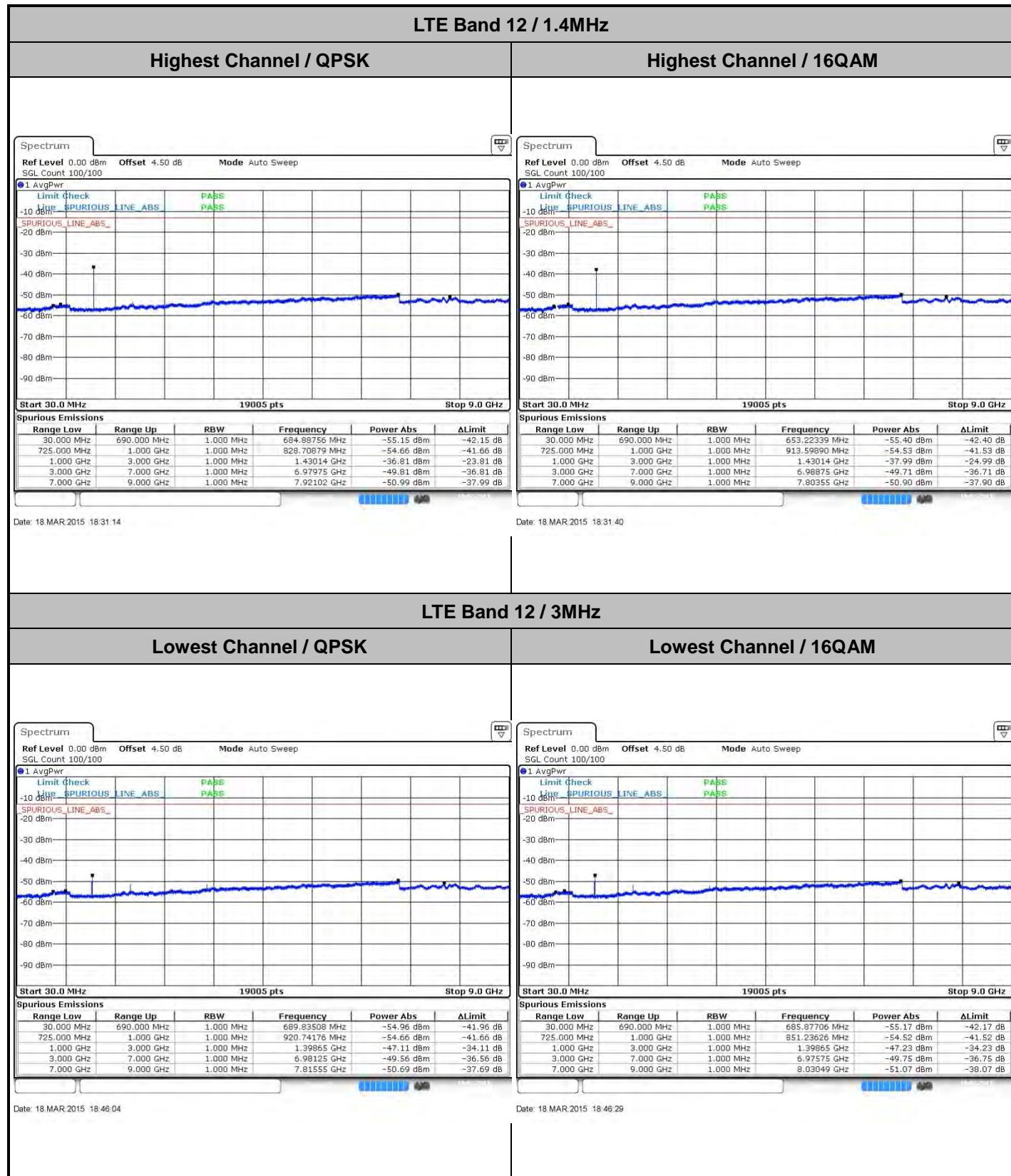
Middle Channel / QPSK

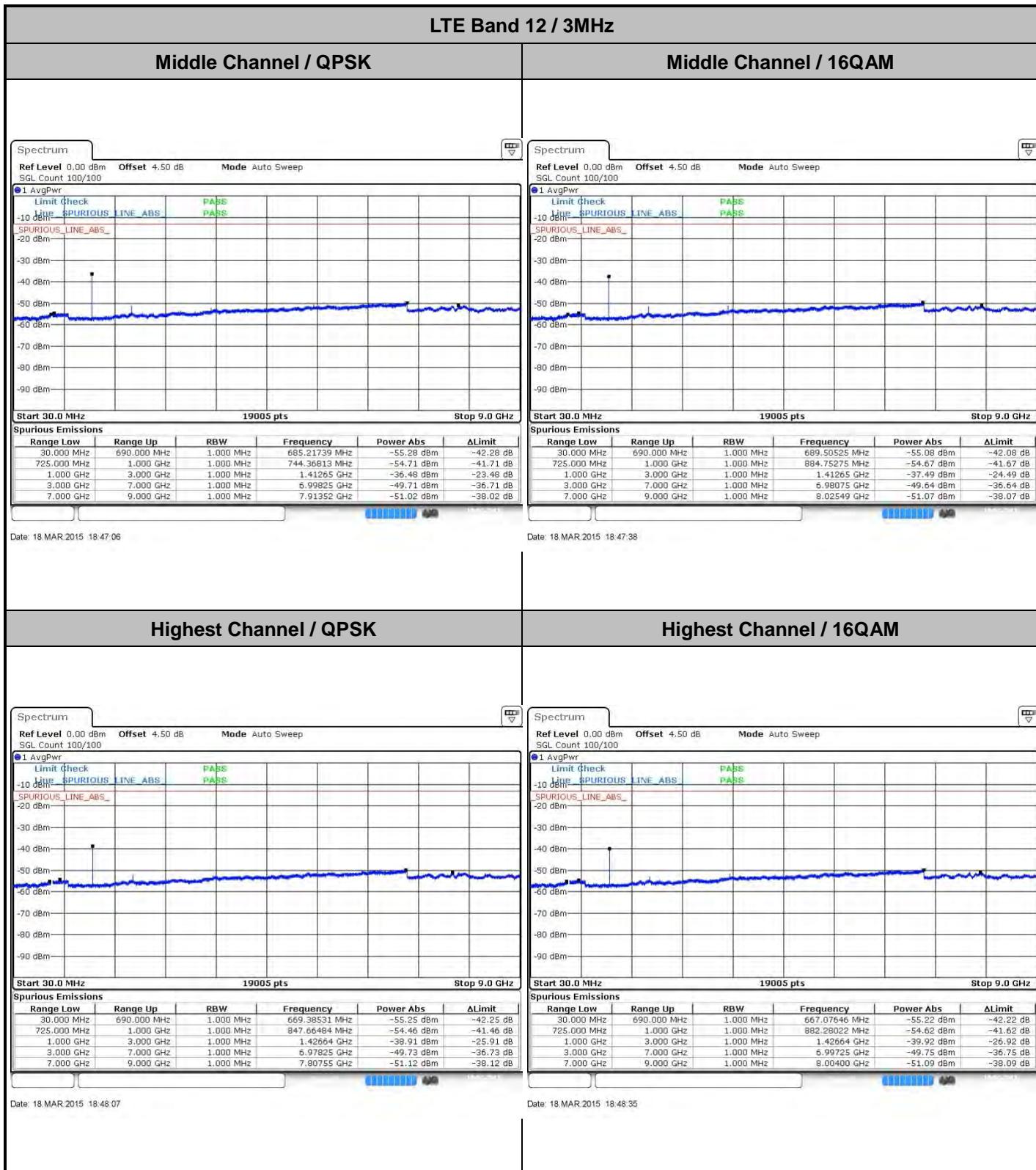
Middle Channel / 16QAM

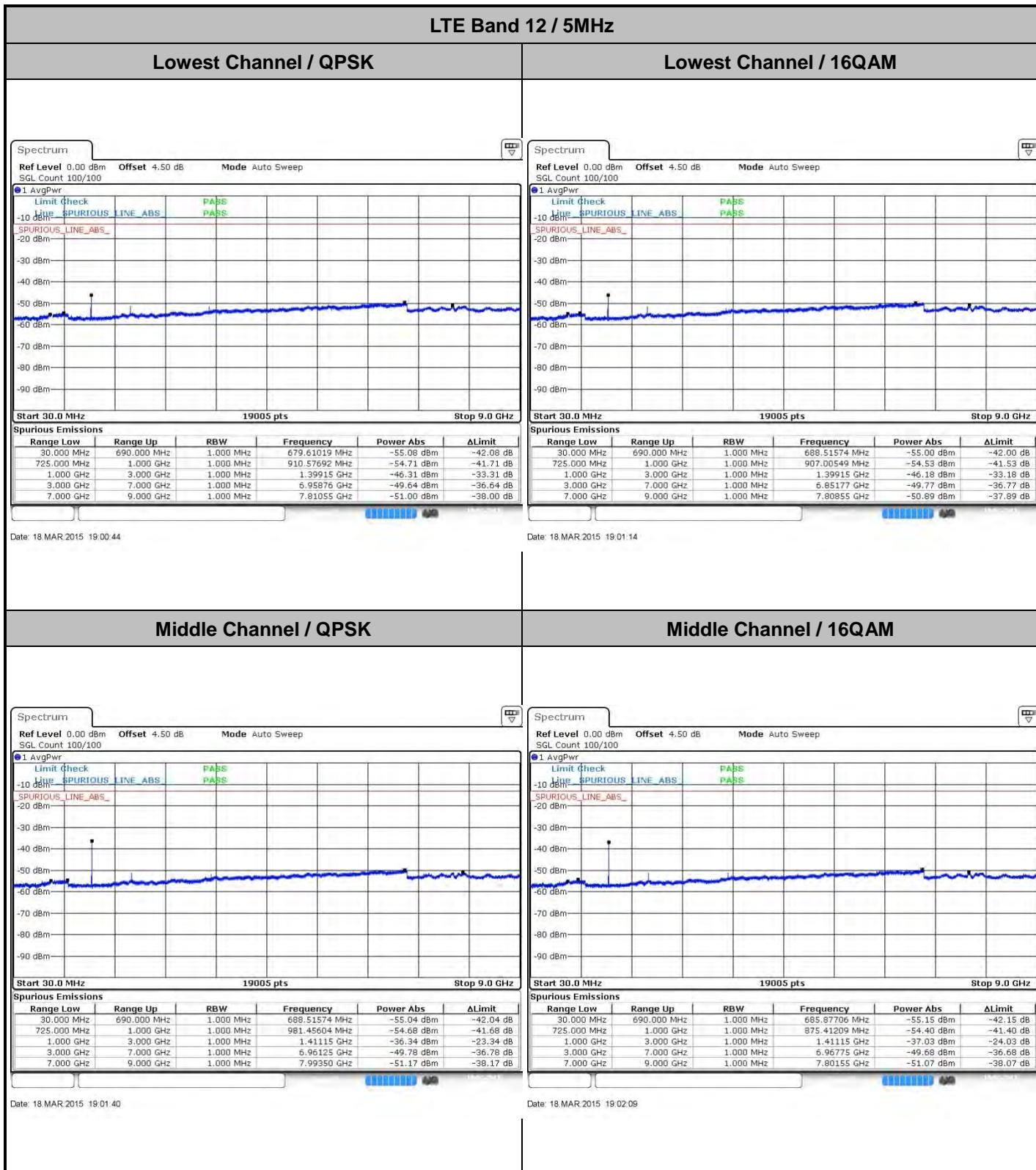


Date: 18 MAR 2015 18:30:08

Date: 18 MAR 2015 18:30:32





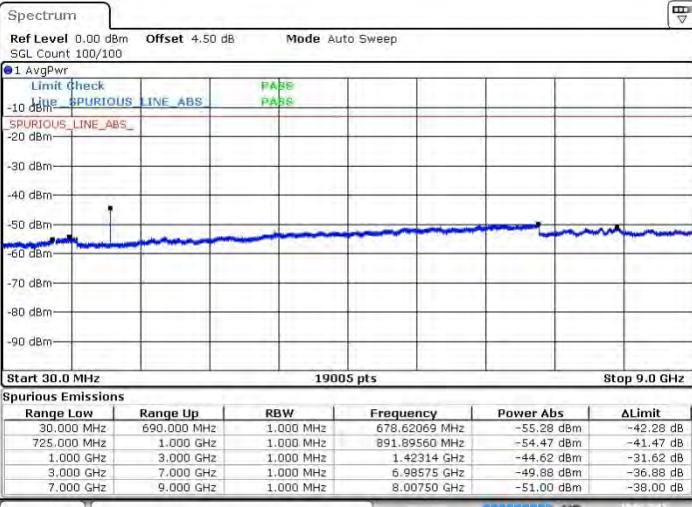
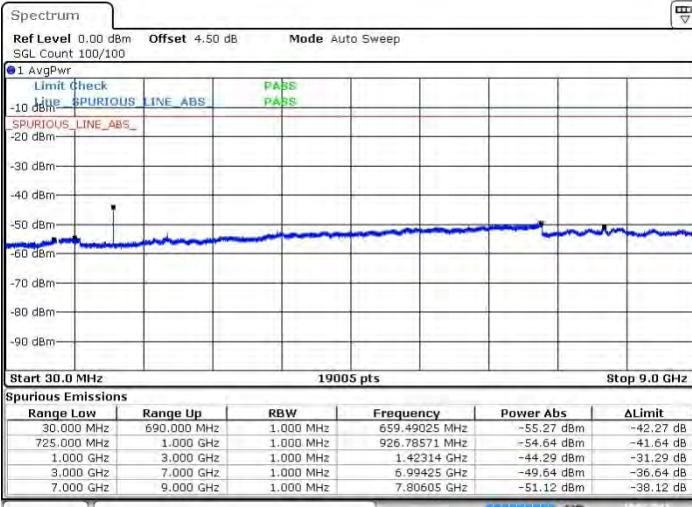




LTE Band 12 / 5MHz

Highest Channel / QPSK

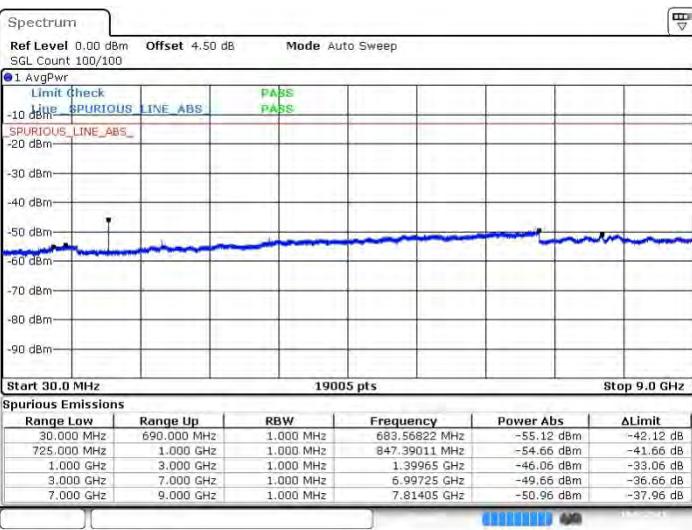
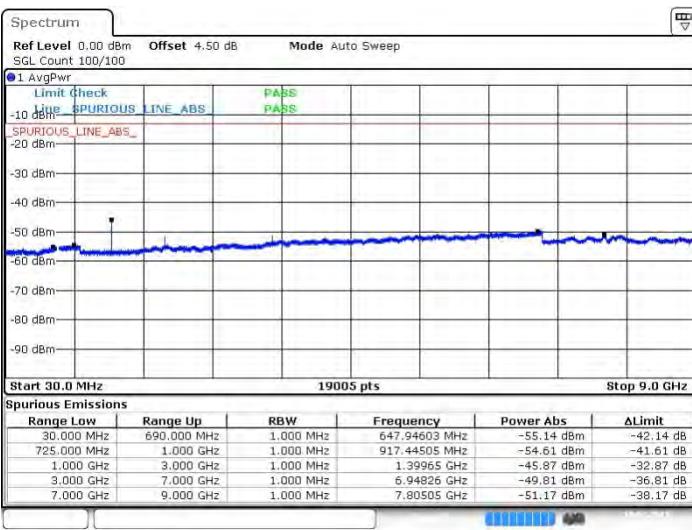
Highest Channel / 16QAM



LTE Band 12 / 10MHz

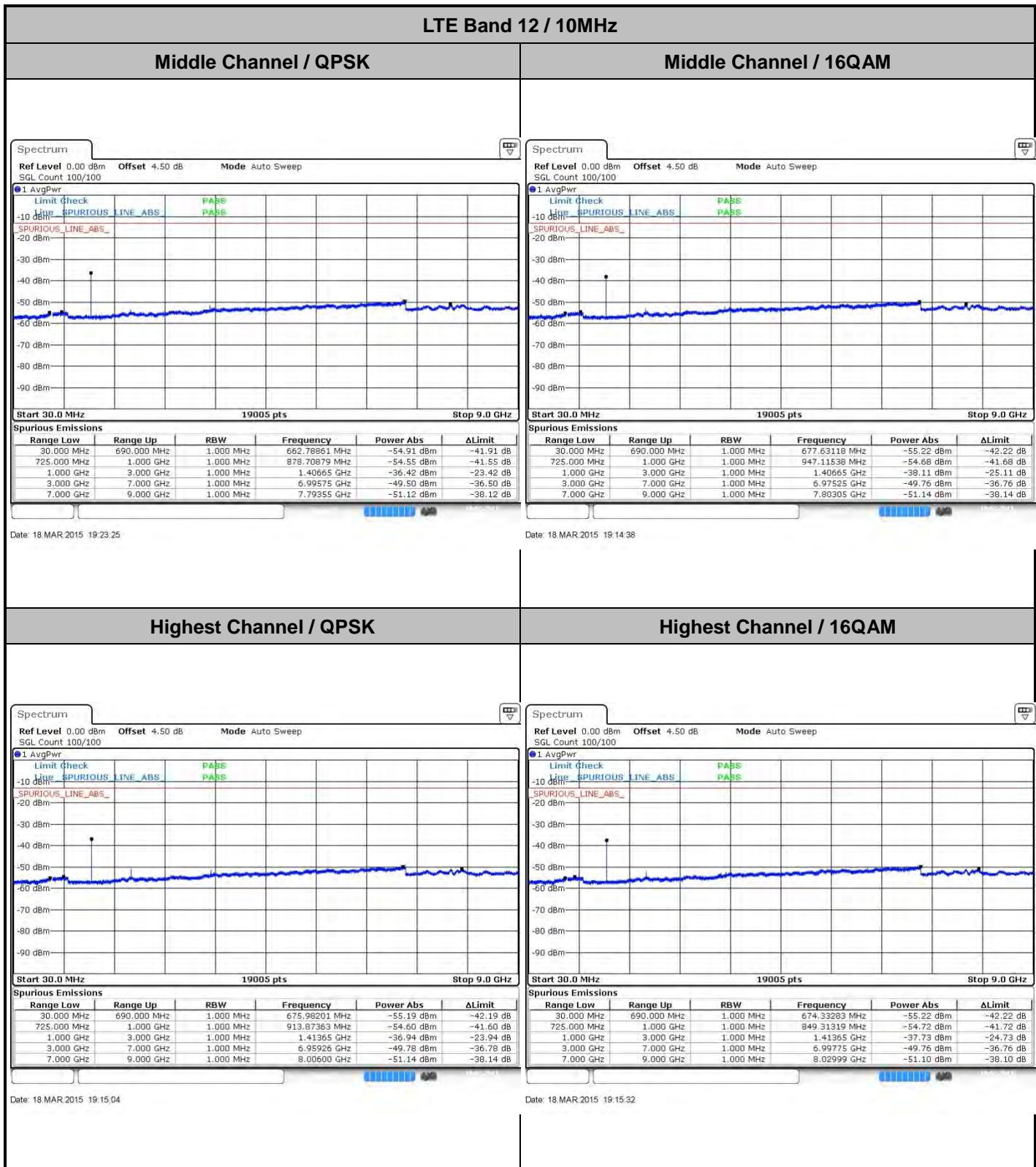
Lowest Channel / QPSK

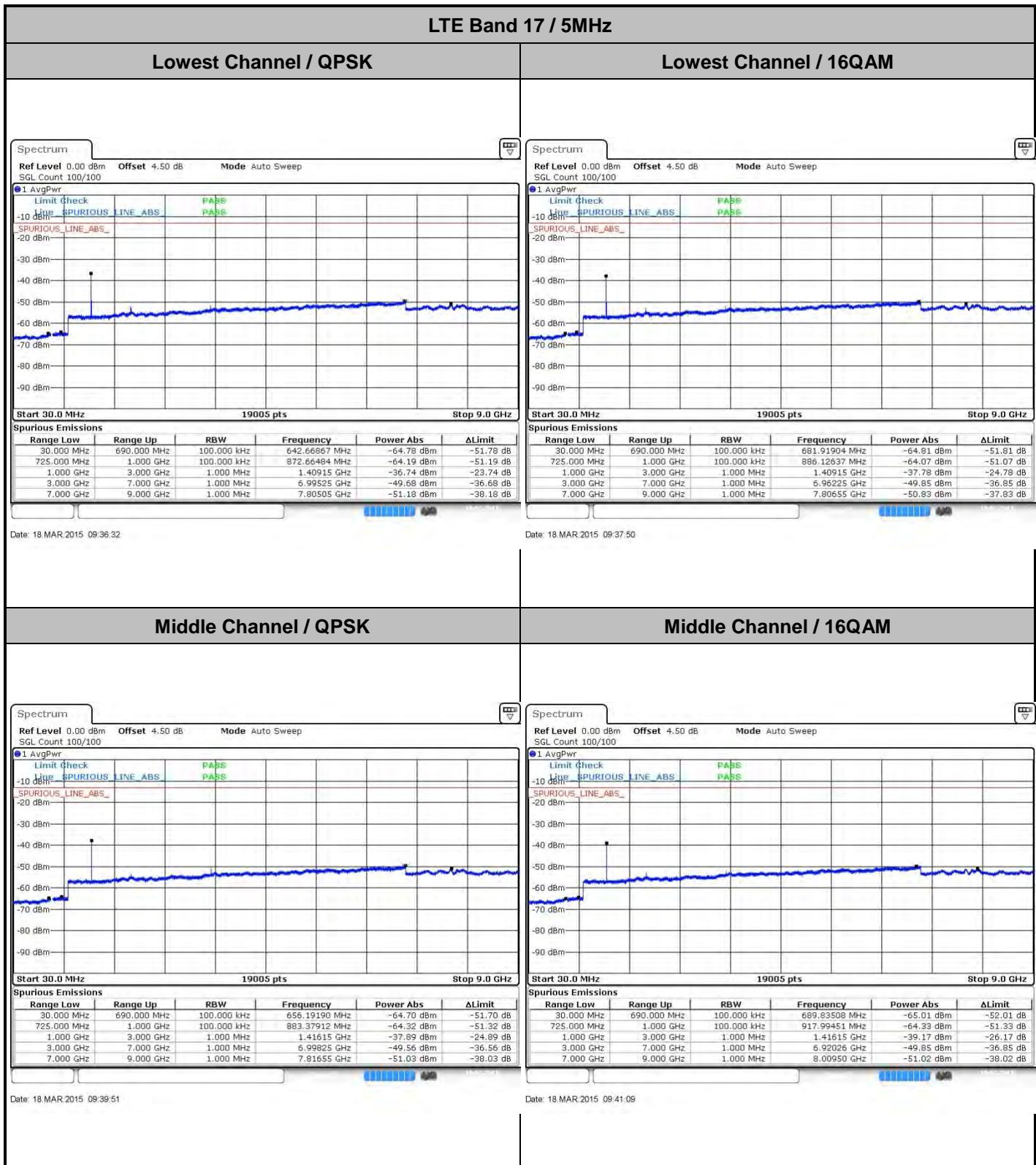
Lowest Channel / 16QAM



Date: 18 MAR 2015 19:13:14

Date: 18 MAR 2015 19:13:42



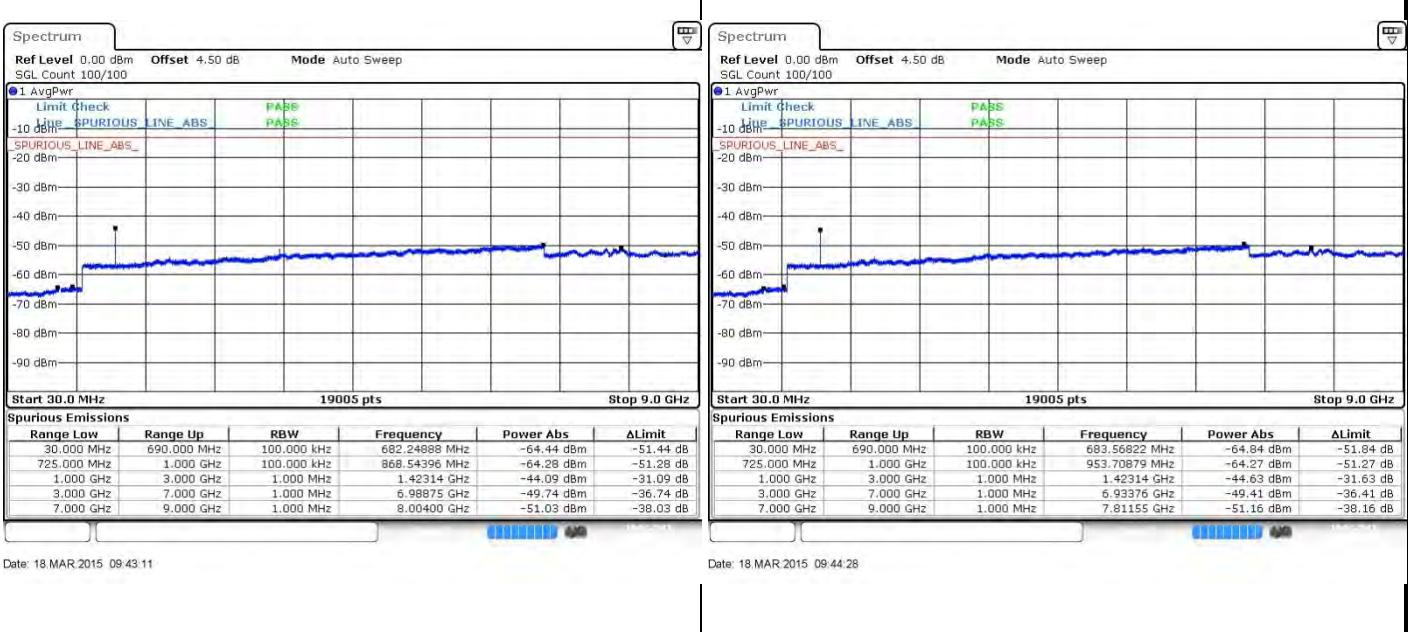




LTE Band 17 / 5MHz

Highest Channel / QPSK

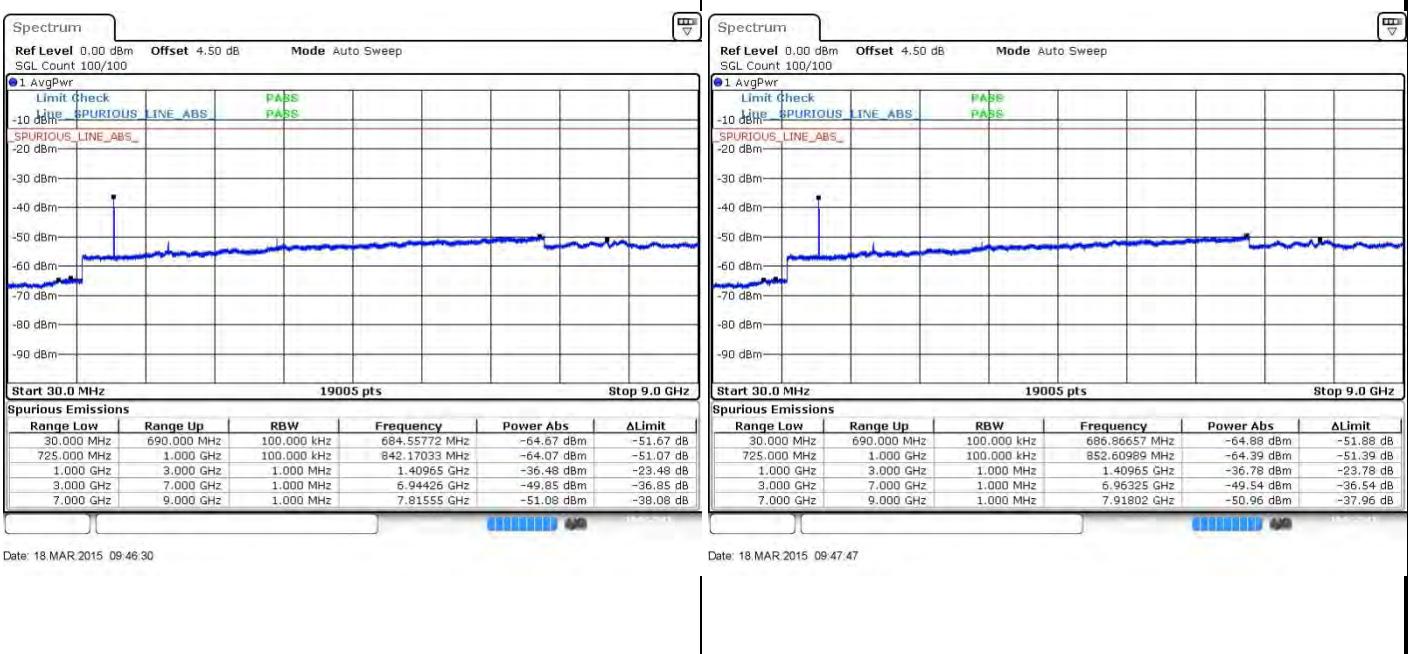
Highest Channel / 16QAM

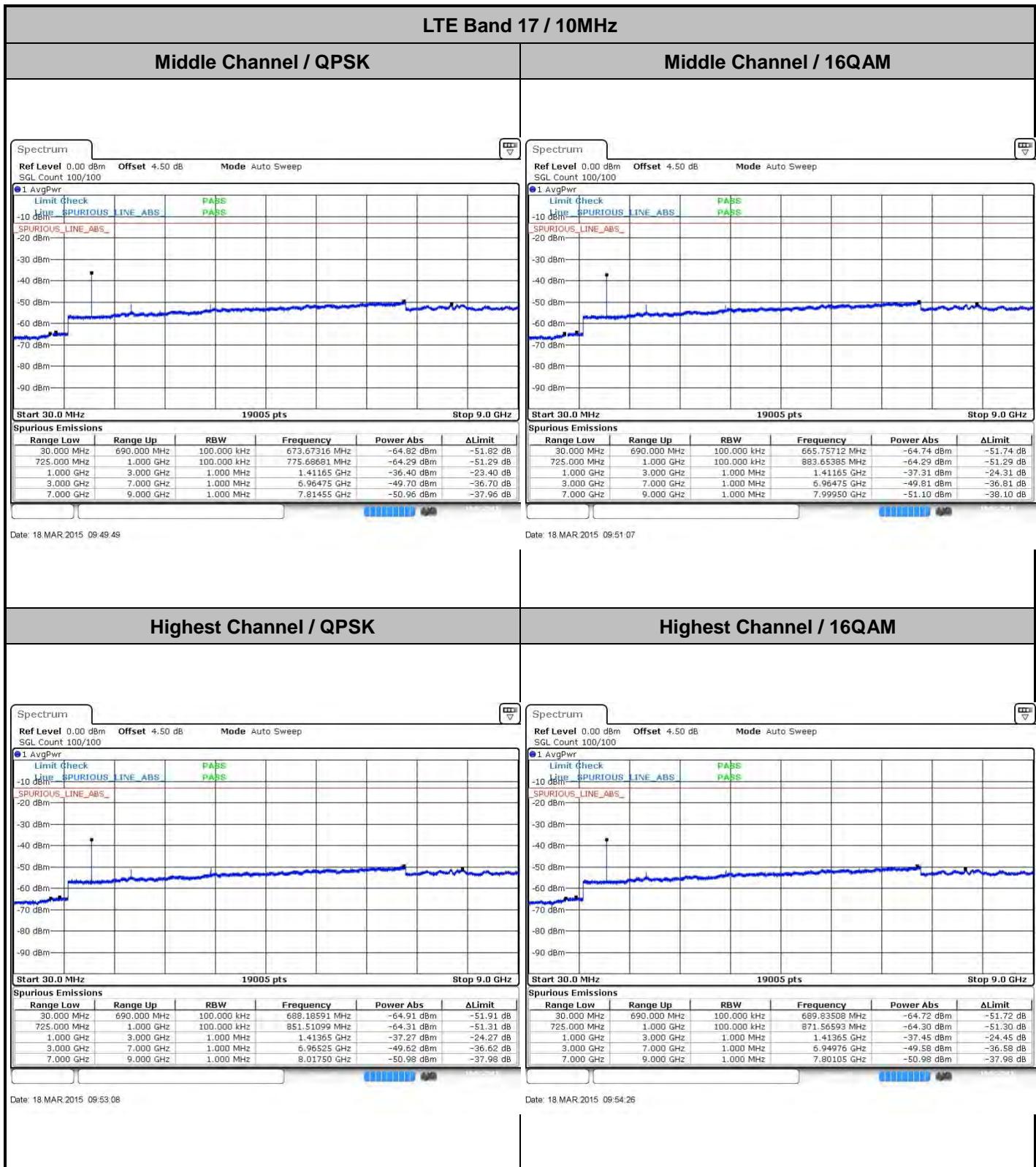


LTE Band 17 / 10MHz

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	0.0012	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0004	



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0185	PASS
40	Normal Voltage	0.0175	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0161	
0	Normal Voltage	0.0167	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0176	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0126	
20	Battery End Point	0.0054	



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0062	
20	Normal Voltage	0.0068	
20	Battery End Point	0.0040	

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0069	PASS
40	Normal Voltage	0.0045	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0102	
-20	Normal Voltage	0.0122	
-30	Normal Voltage	0.0151	
20	Maximum Voltage	0.0170	
20	Normal Voltage	0.0189	
20	Battery End Point	0.0209	



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.80 V. ; Battery End Point (BEP) = 3.50 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.