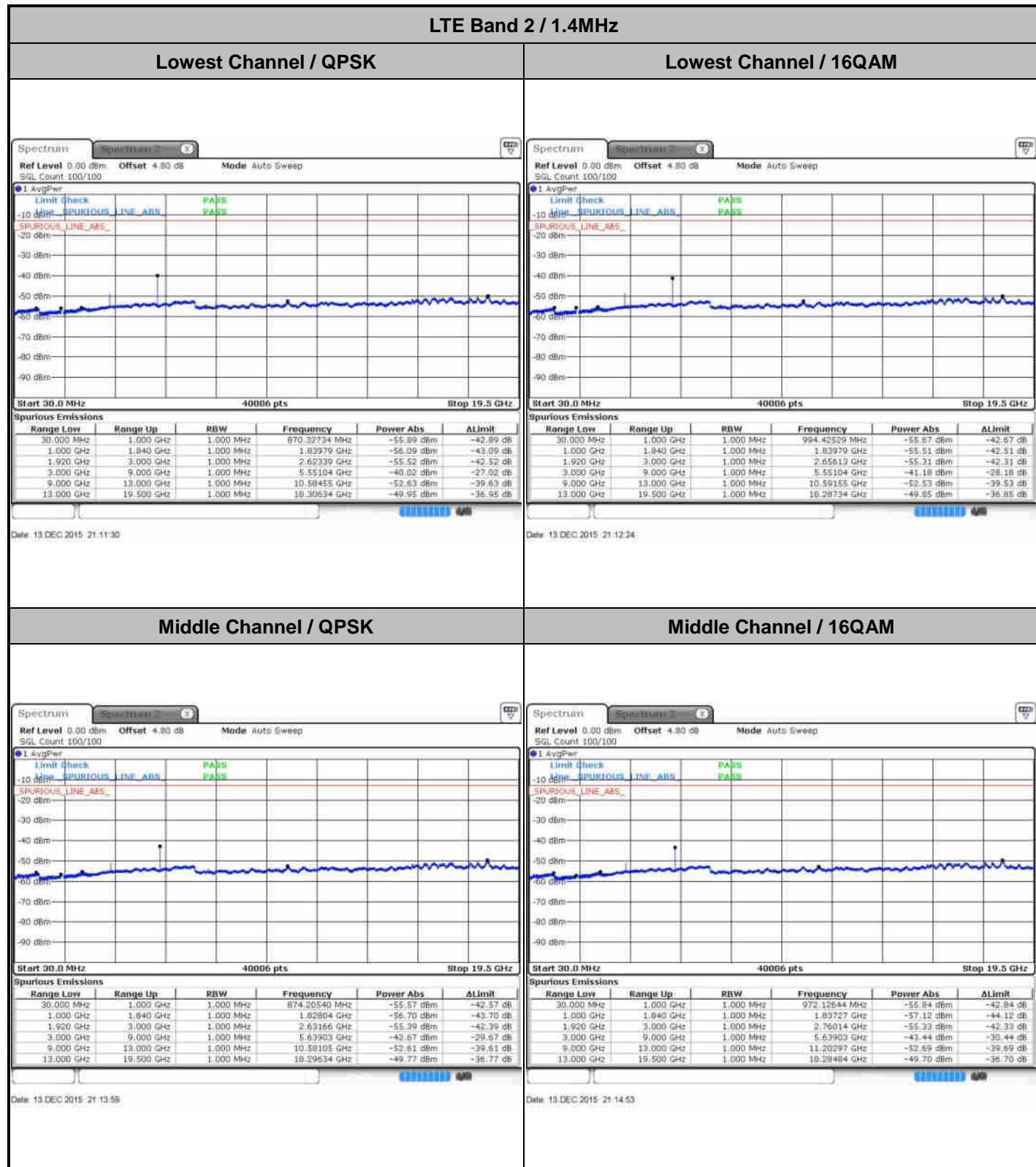




Conducted Spurious Emission

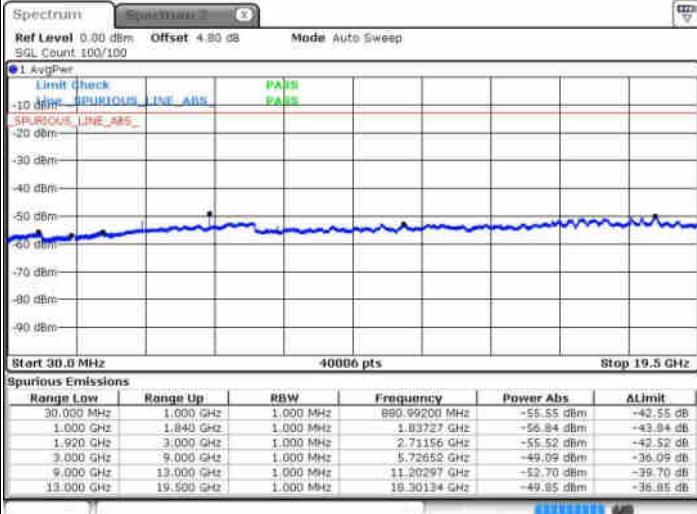
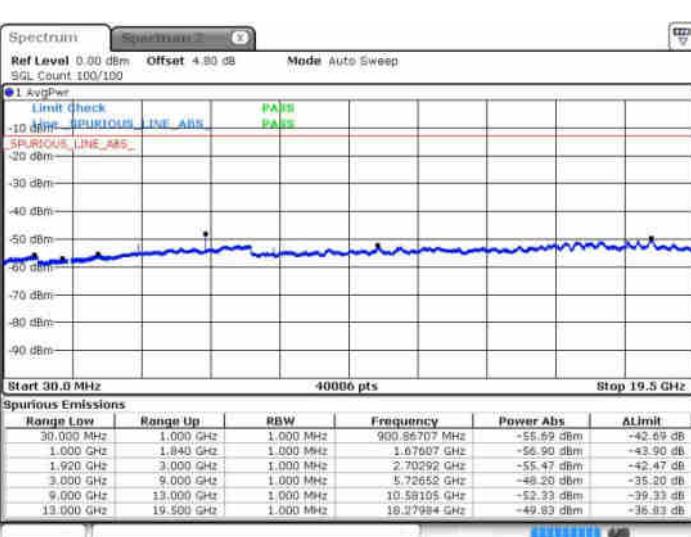




LTE Band 2 / 1.4MHz

Highest Channel / QPSK

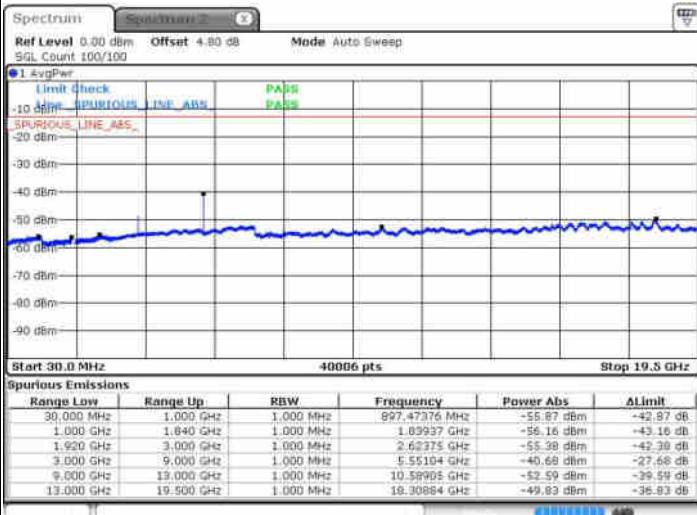
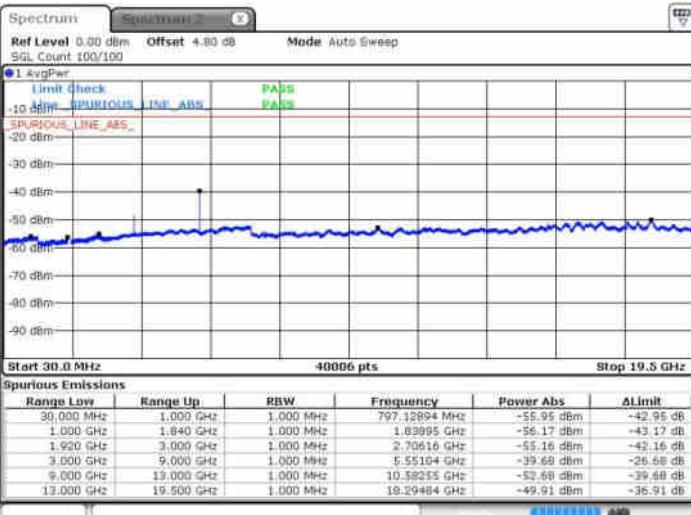
Highest Channel / 16QAM



LTE Band 2 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





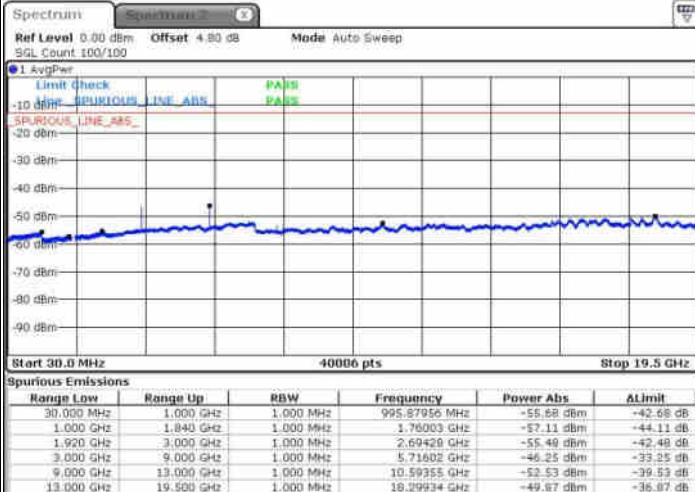
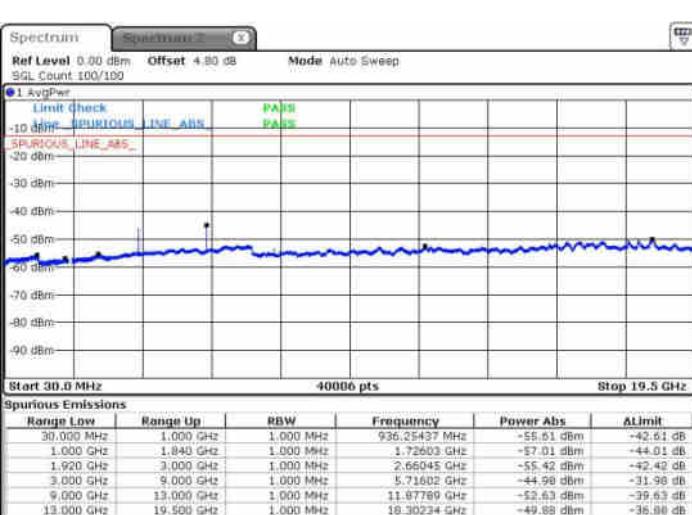




LTE Band 2 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



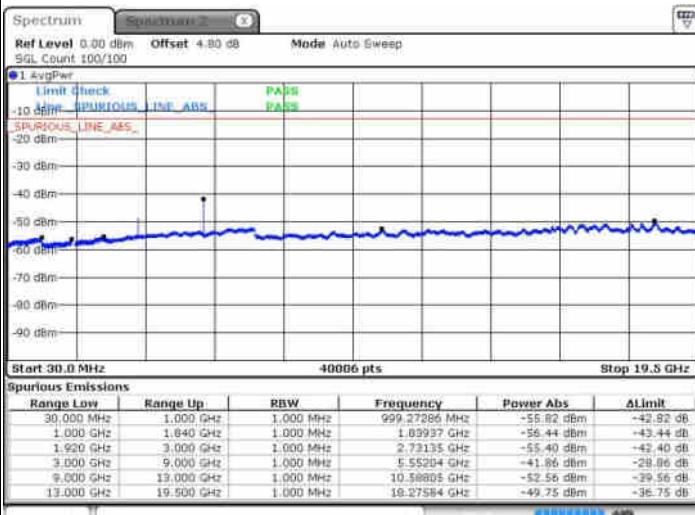
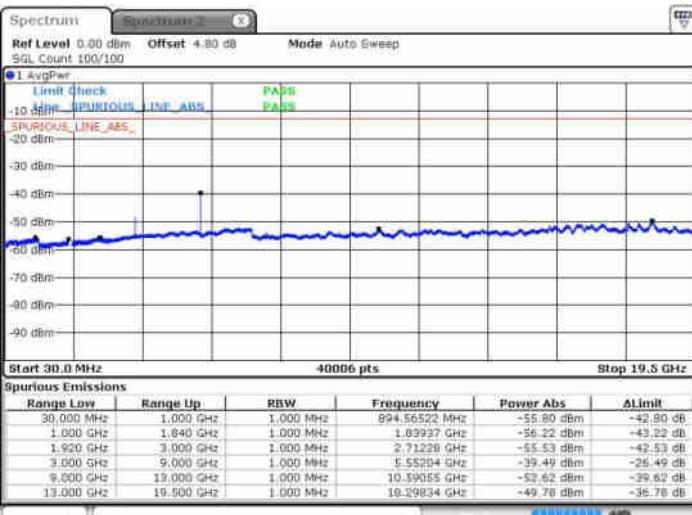
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Date: 13 DEC 2015 21:55:16

LTE Band 2 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 13 DEC 2015 22:04:55

Date: 13 DEC 2015 22:05:48



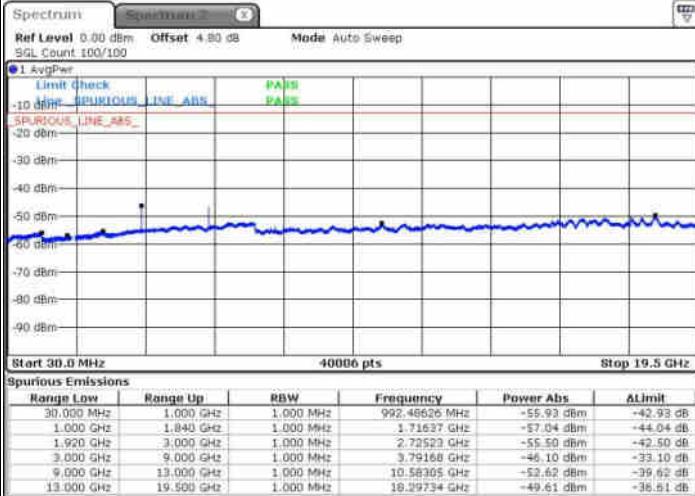
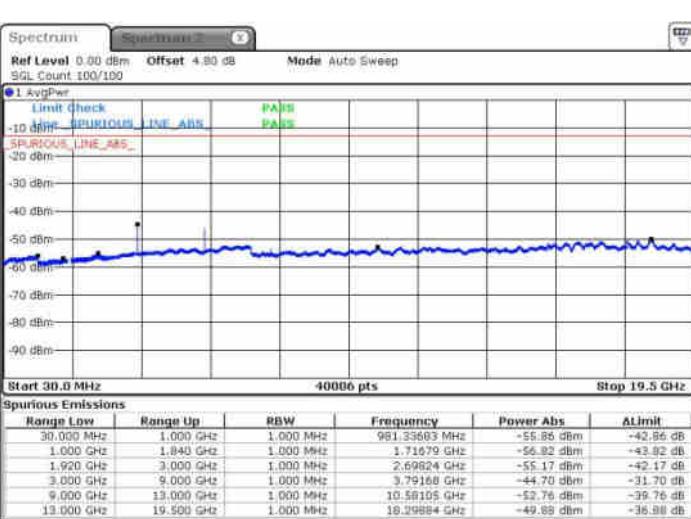




LTE Band 2 / 15MHz

Highest Channel / QPSK

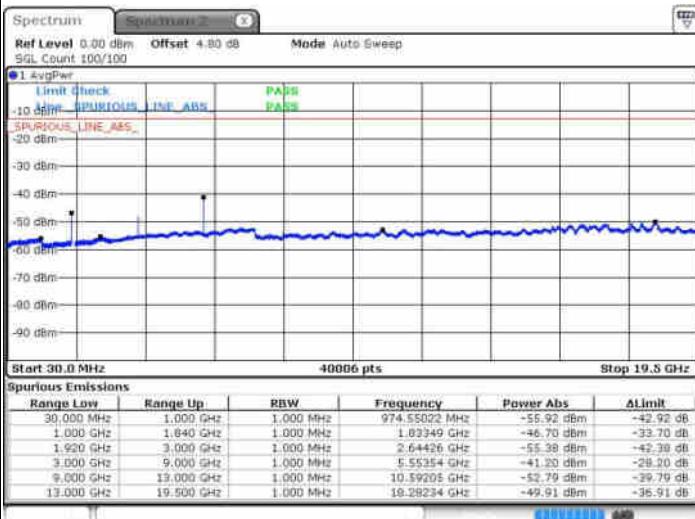
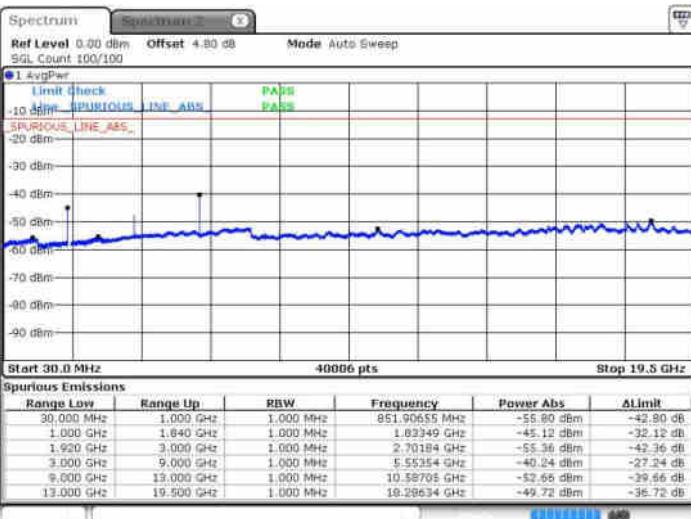
Highest Channel / 16QAM



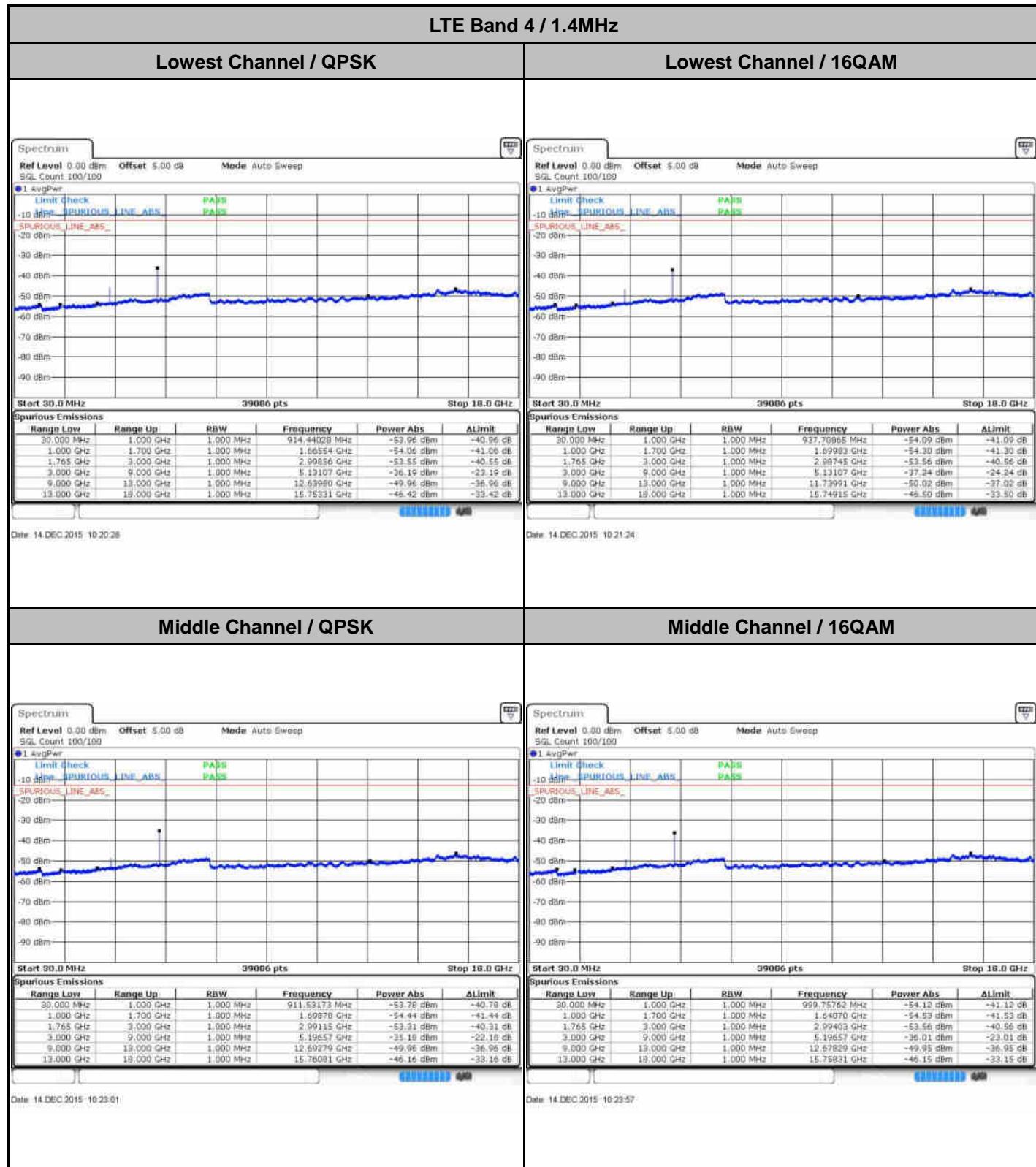
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





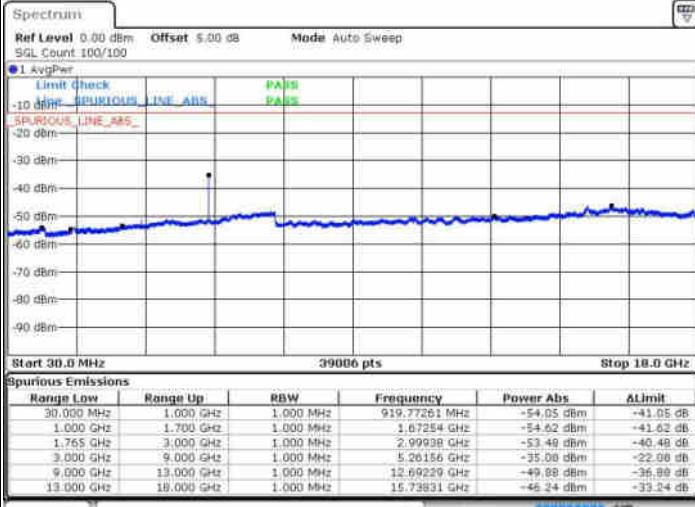
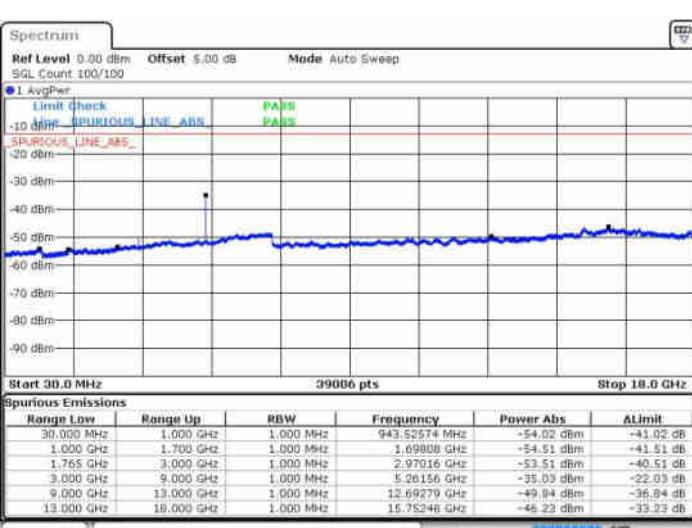




LTE Band 4 / 1.4MHz

Highest Channel / QPSK

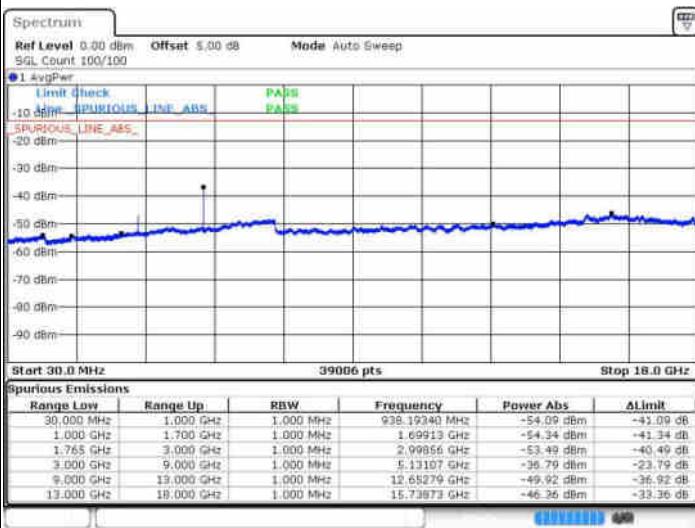
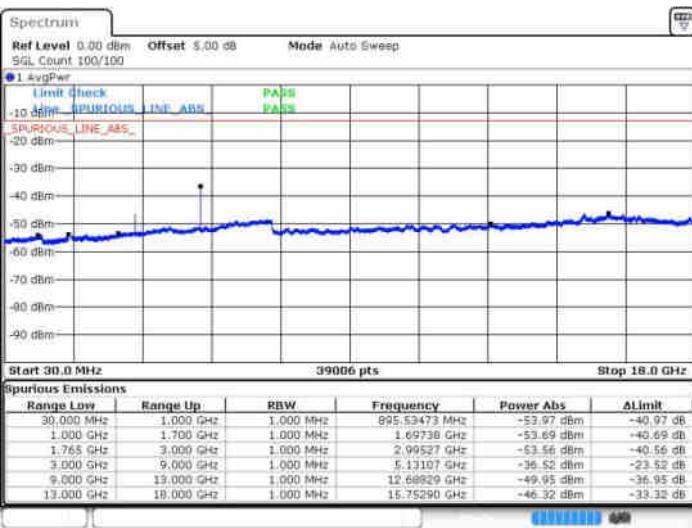
Highest Channel / 16QAM

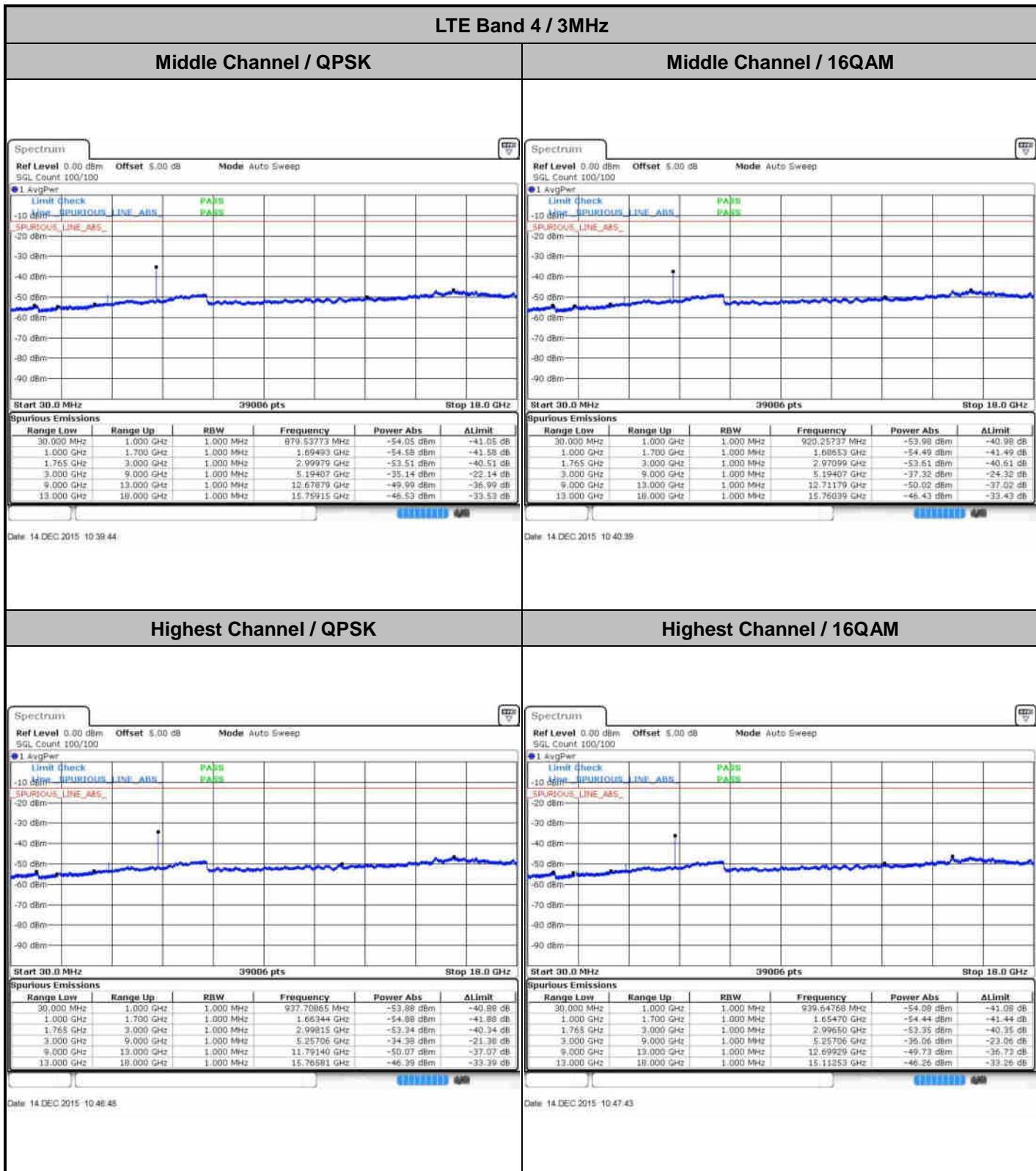


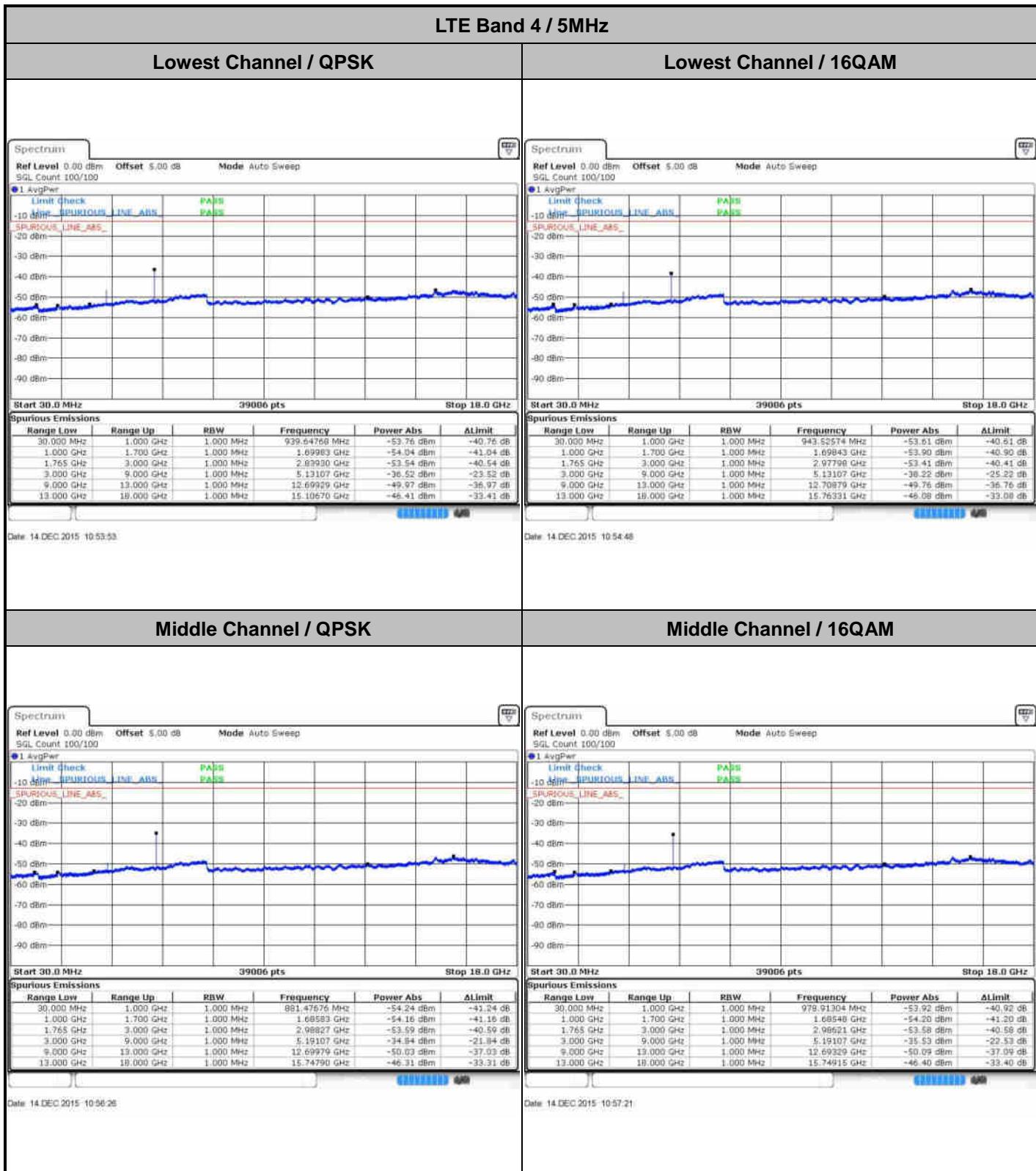
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





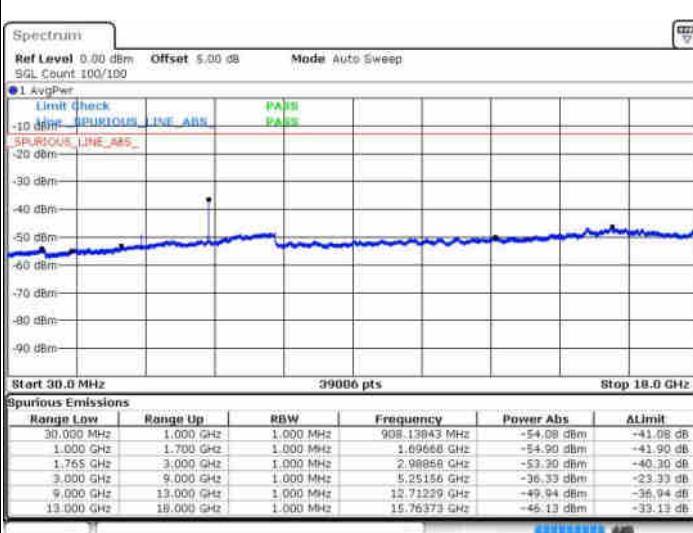
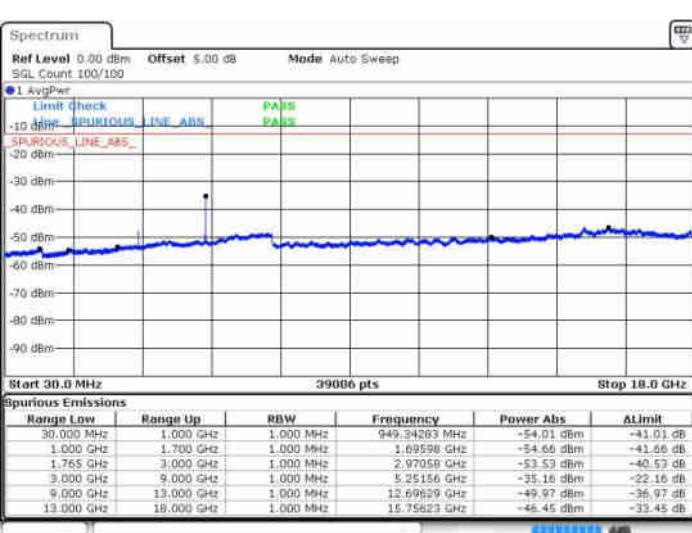




LTE Band 4 / 5MHz

Highest Channel / QPSK

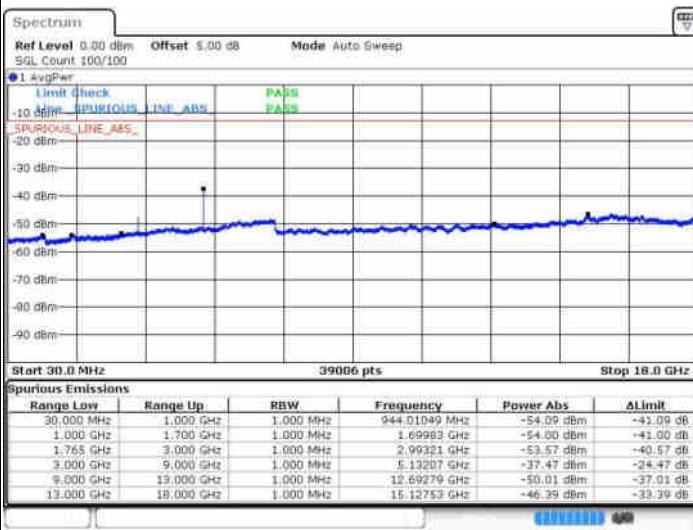
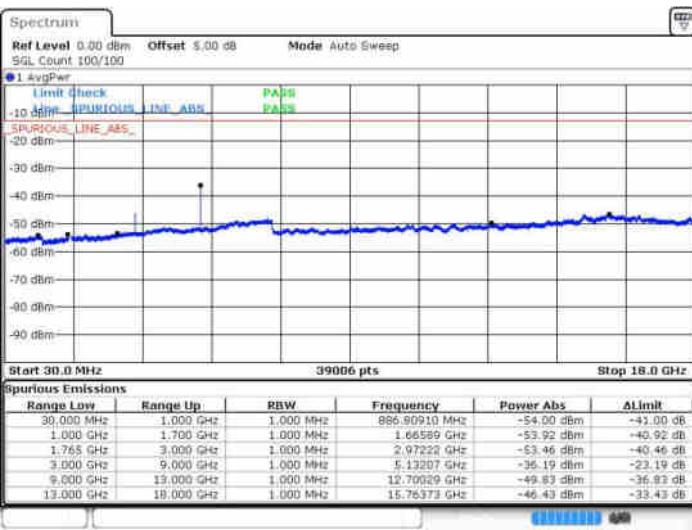
Highest Channel / 16QAM

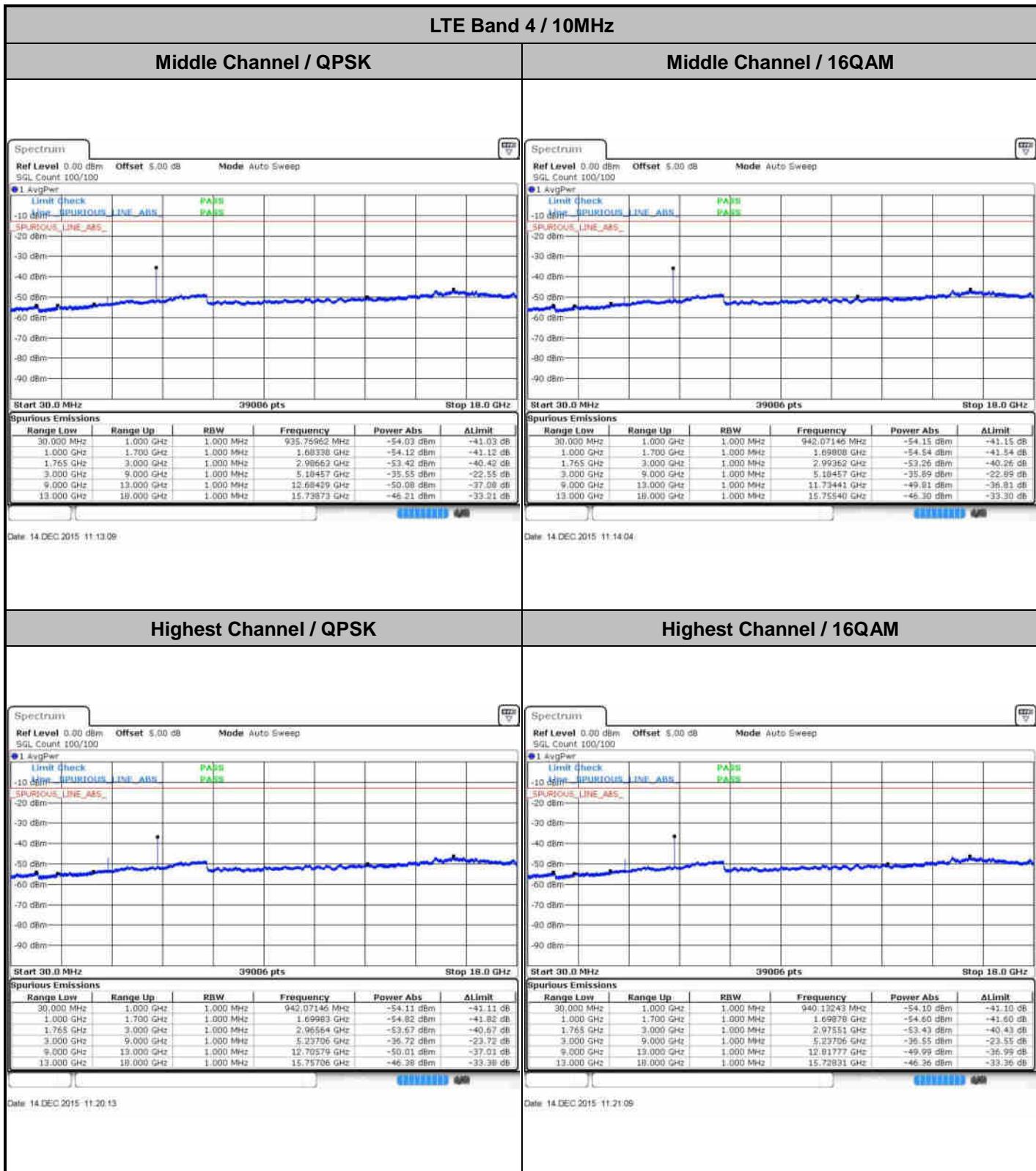


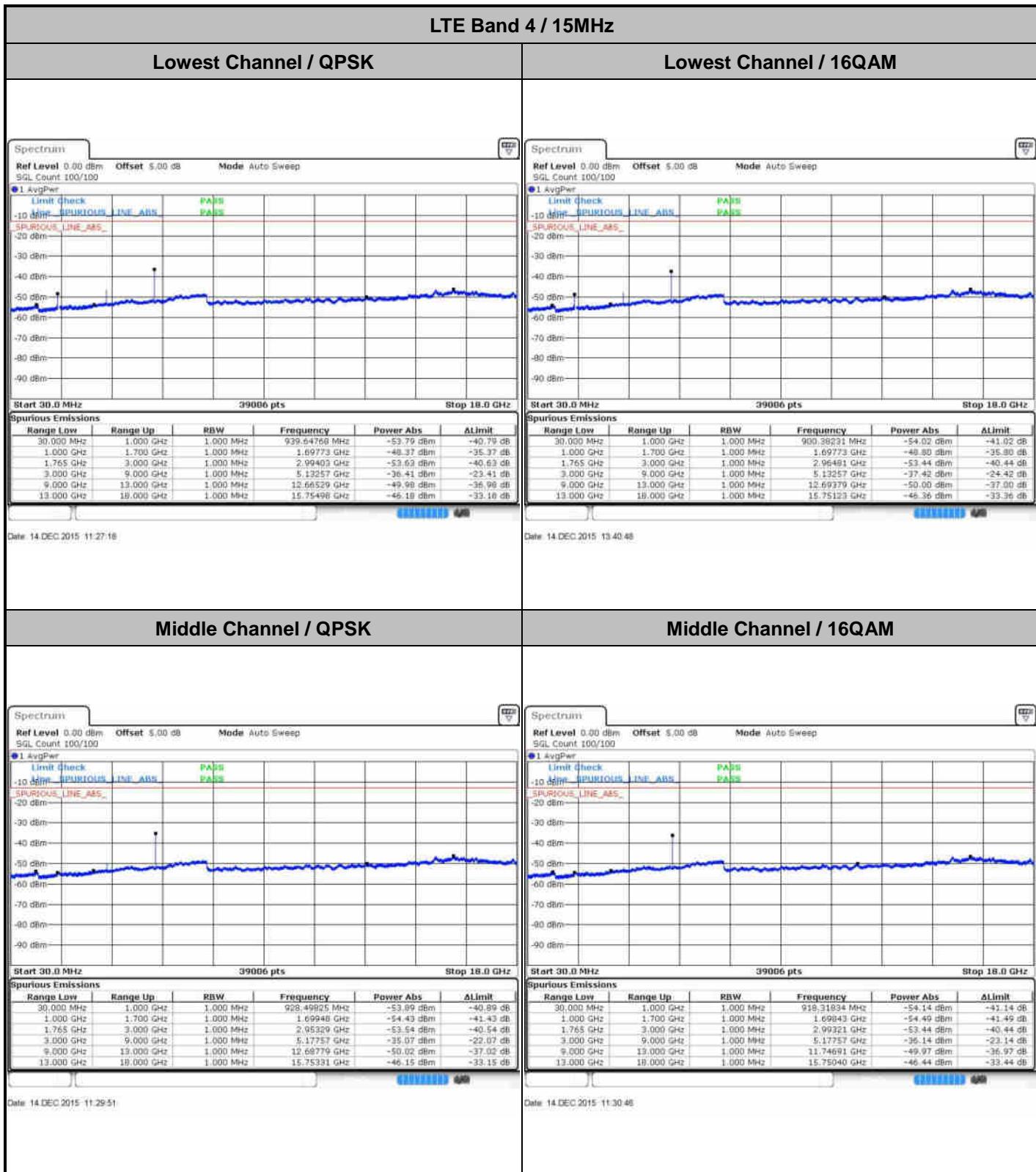
LTE Band 4 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





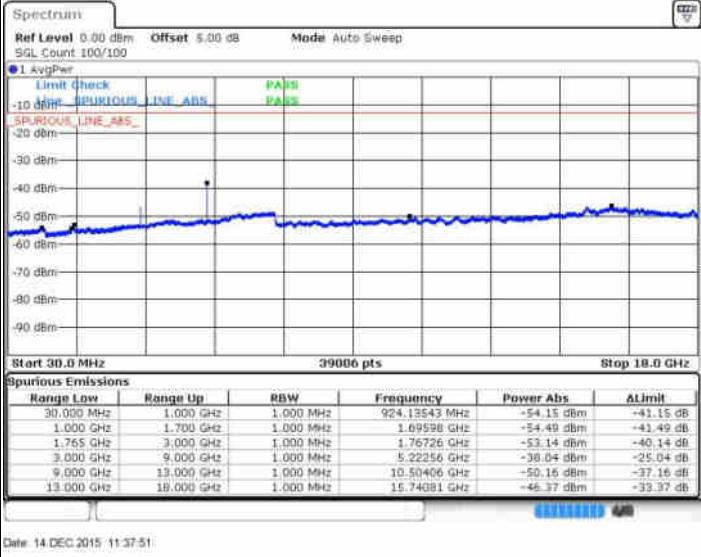
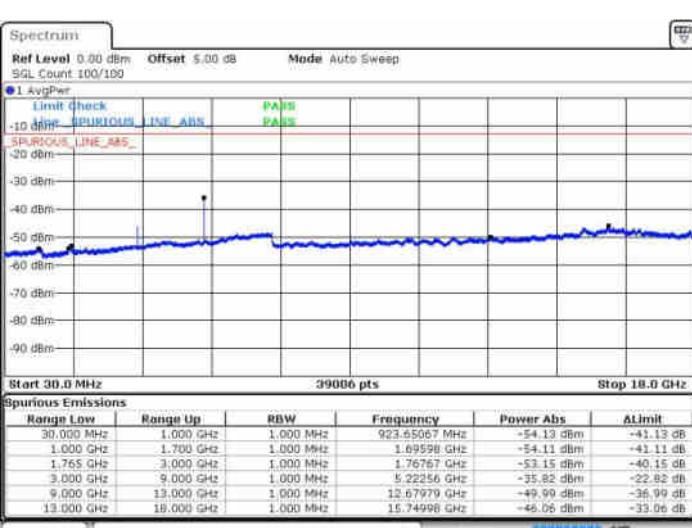




LTE Band 4 / 15MHz

Highest Channel / QPSK

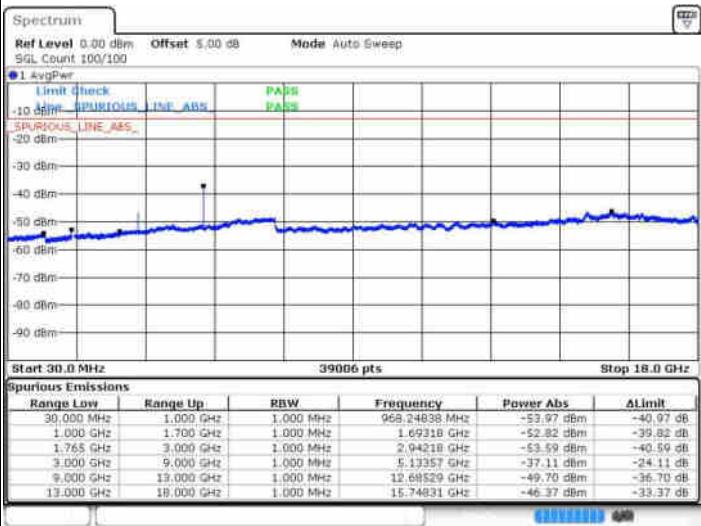
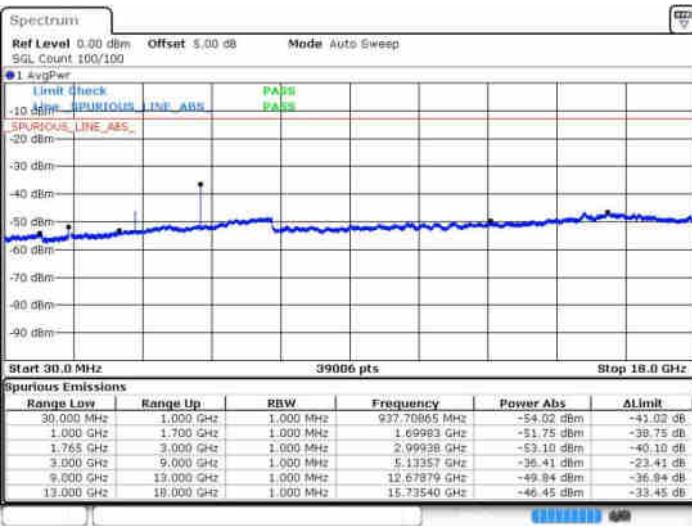
Highest Channel / 16QAM



LTE Band 4 / 20MHz

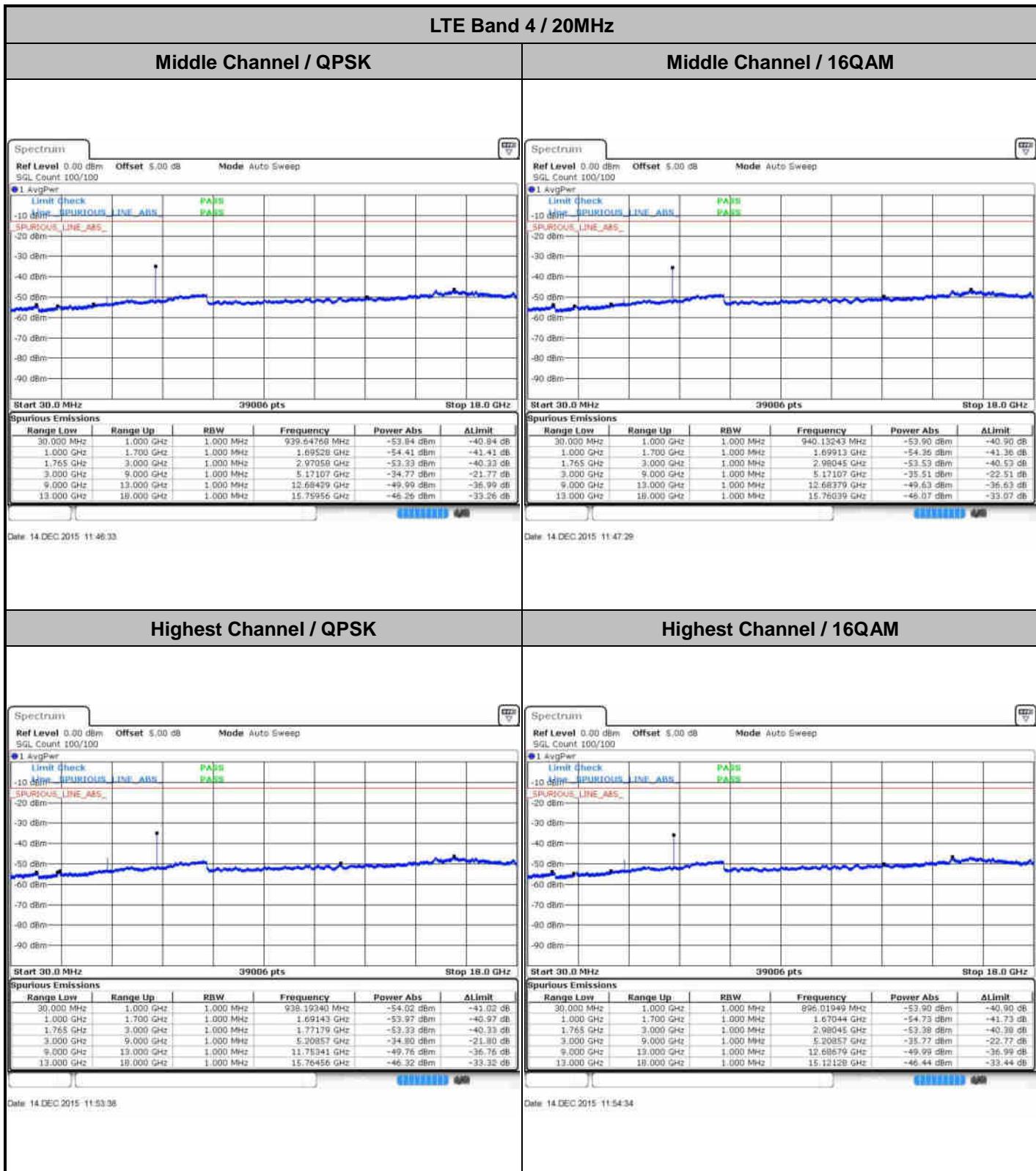
Lowest Channel / QPSK

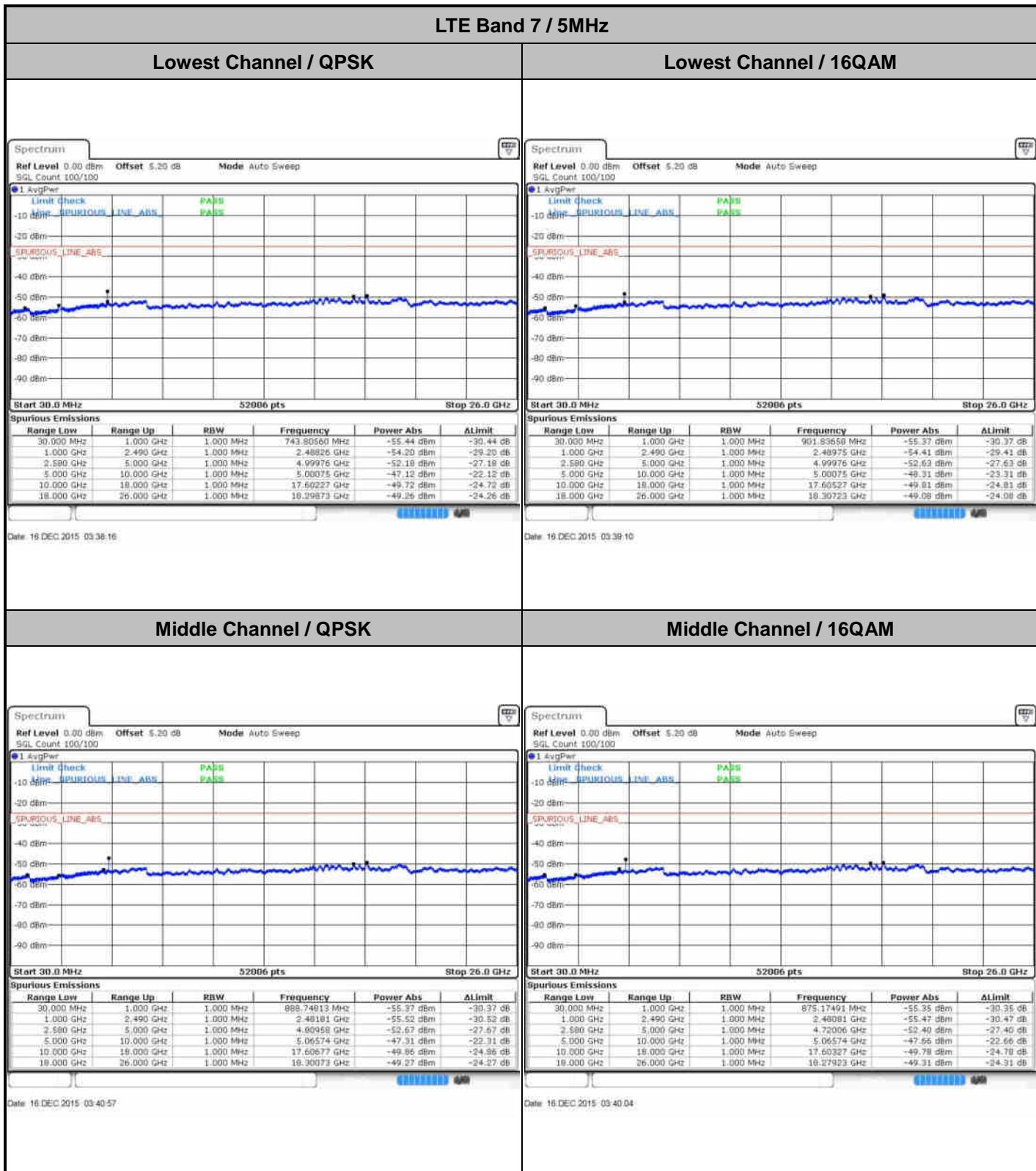
Lowest Channel / 16QAM



Date: 14.DEC.2015 11:44:01

Date: 14.DEC.2015 11:44:58



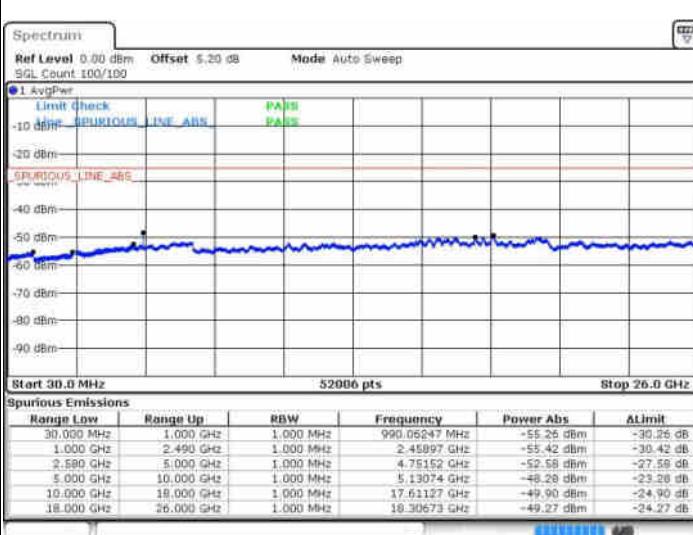
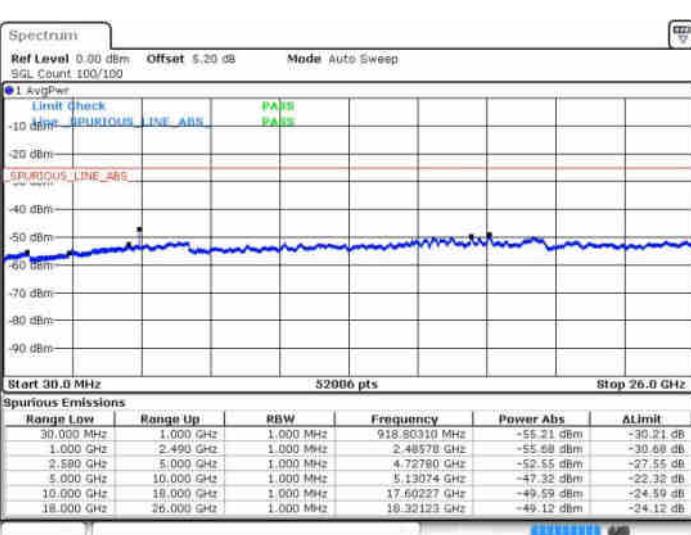




LTE Band 7 / 5MHz

Highest Channel / QPSK

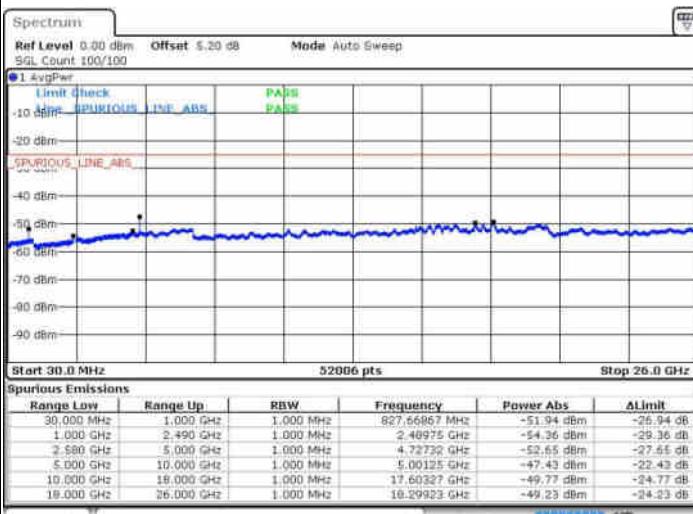
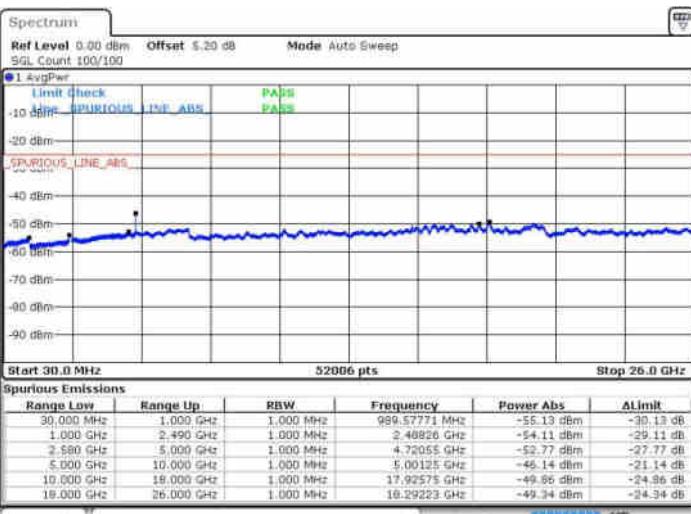
Highest Channel / 16QAM

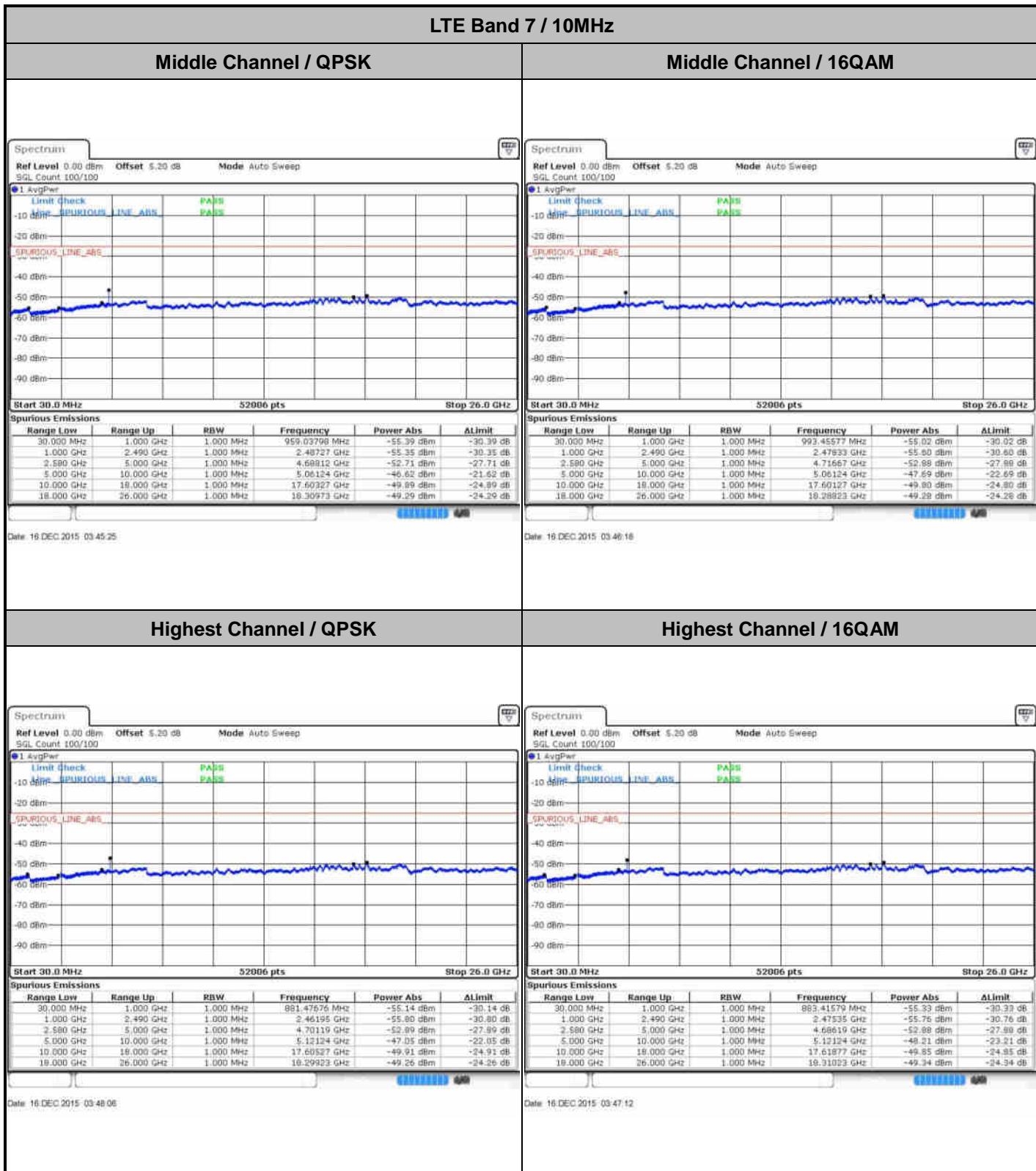


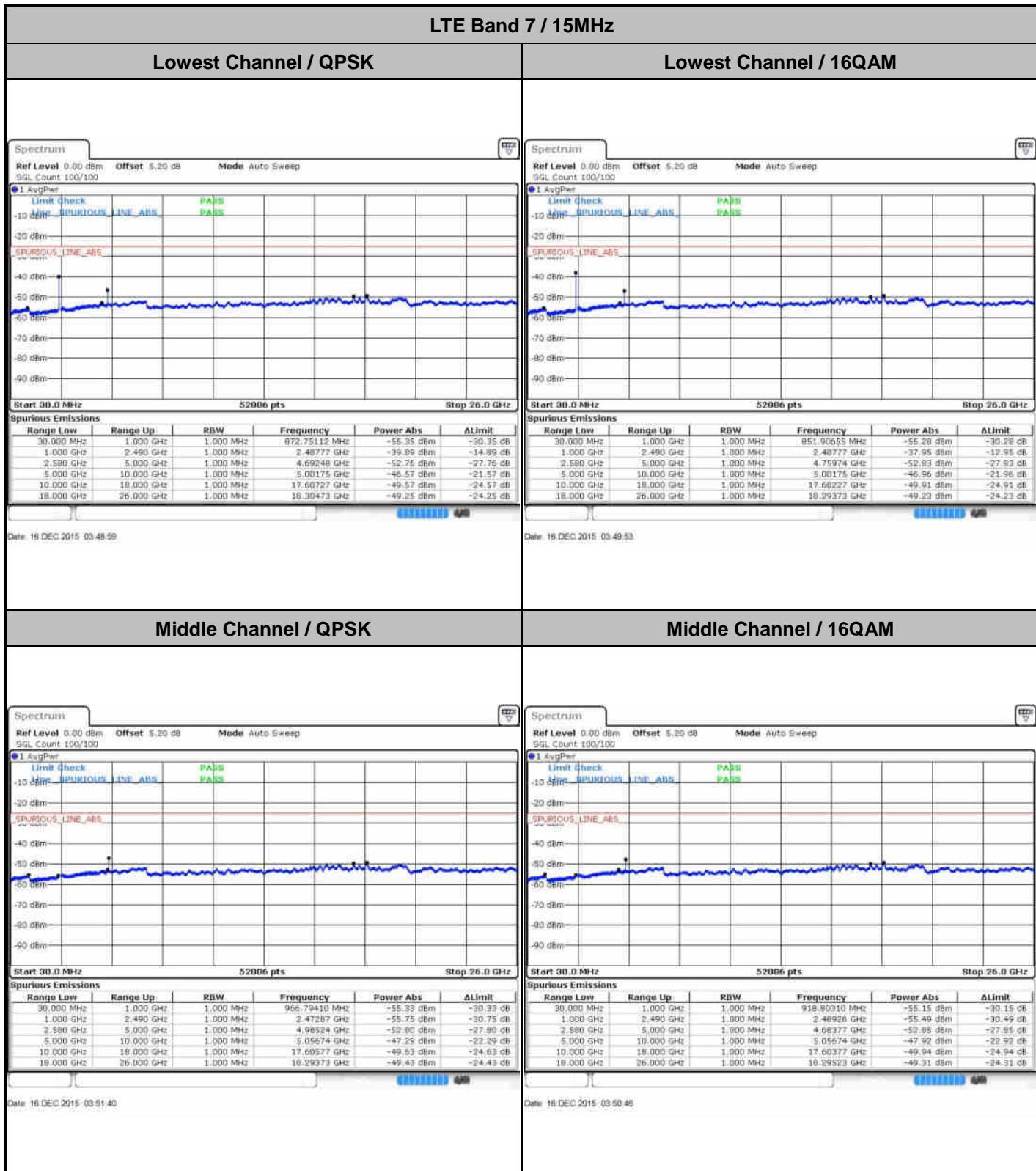
LTE Band 7 / 10MHz

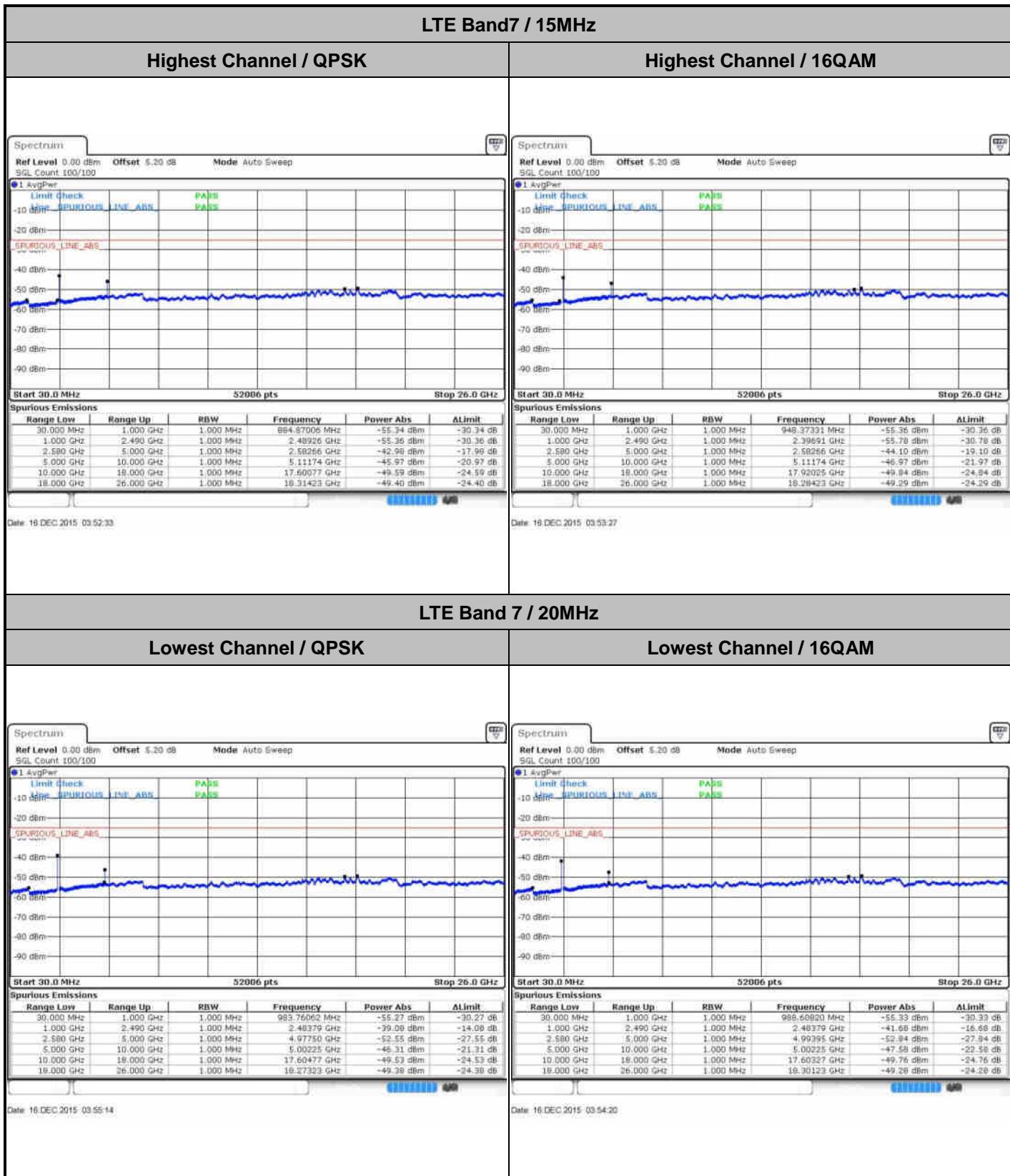
Lowest Channel / QPSK

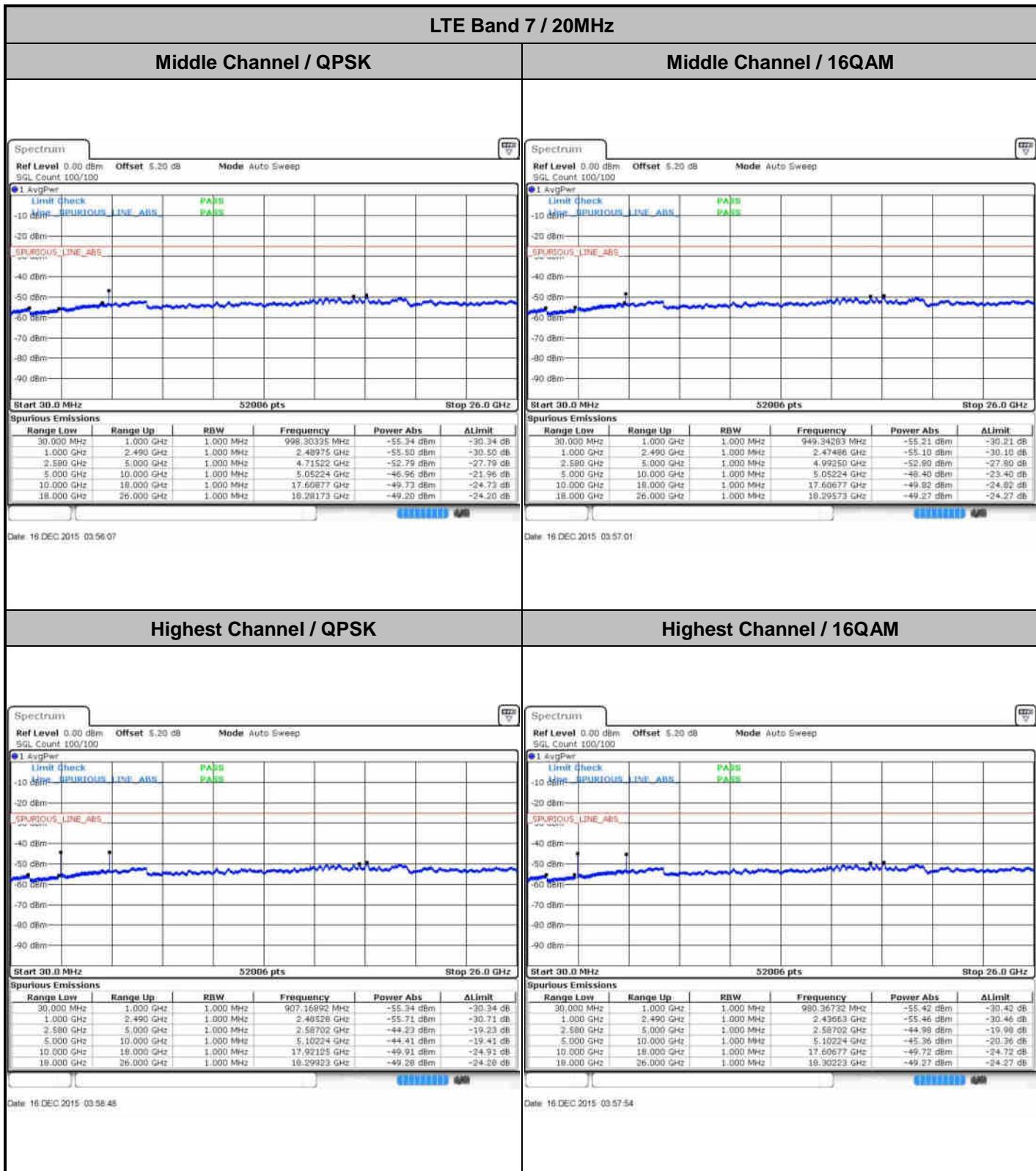
Lowest Channel / 16QAM













Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
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	0.0013	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.5 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.