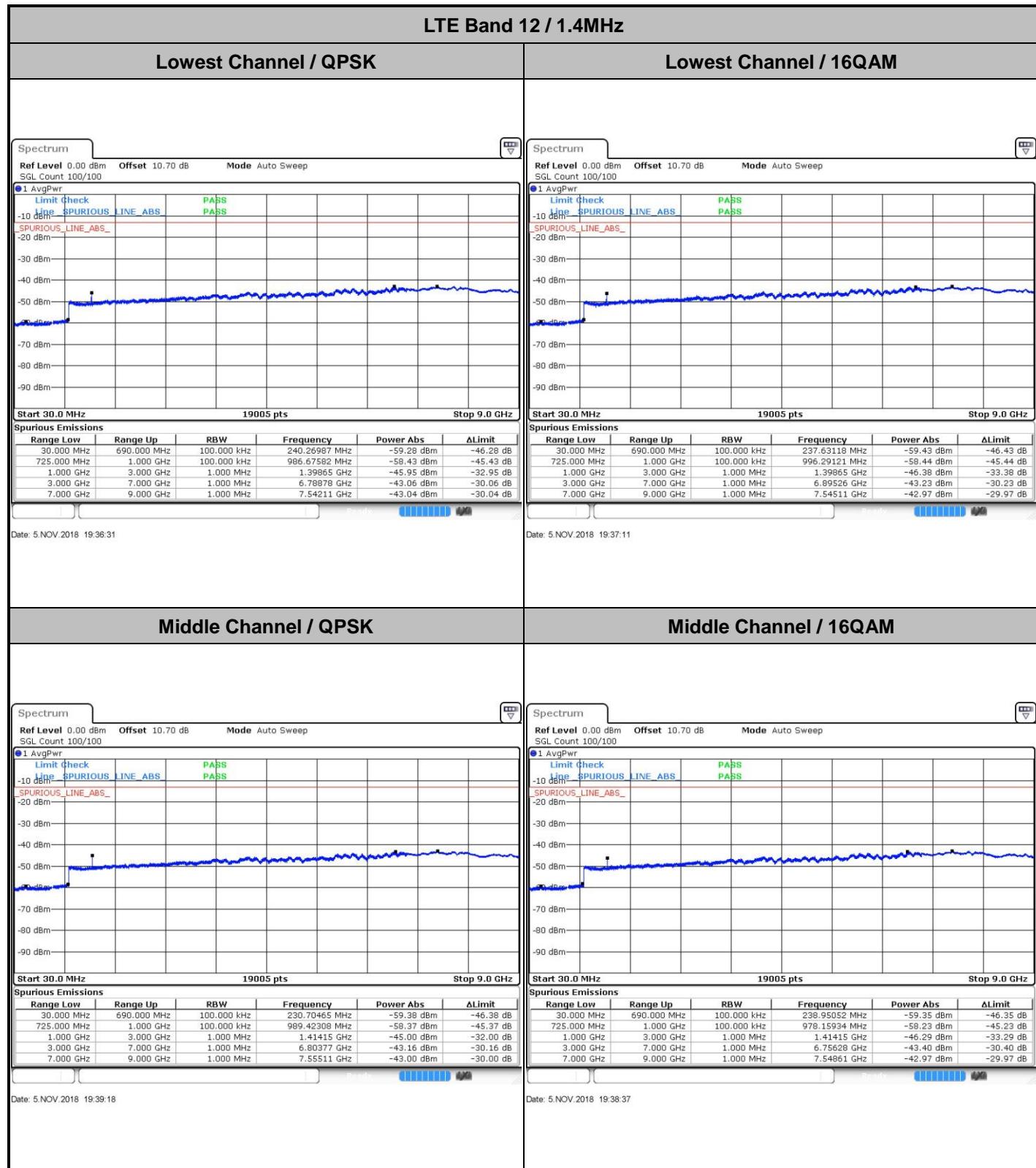




Conducted Spurious Emission

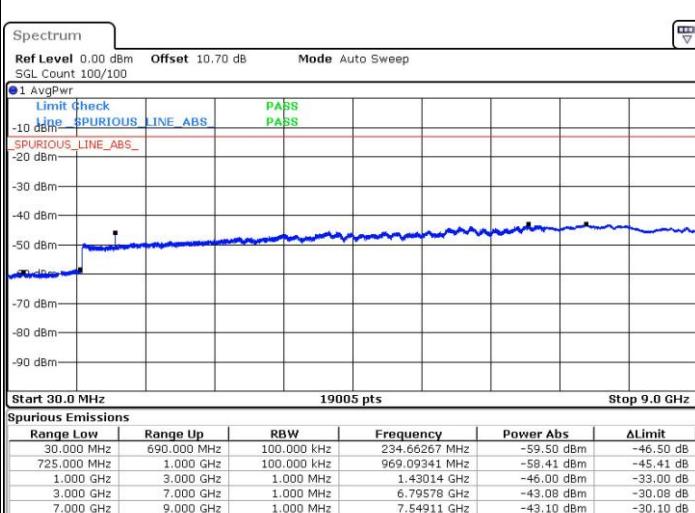
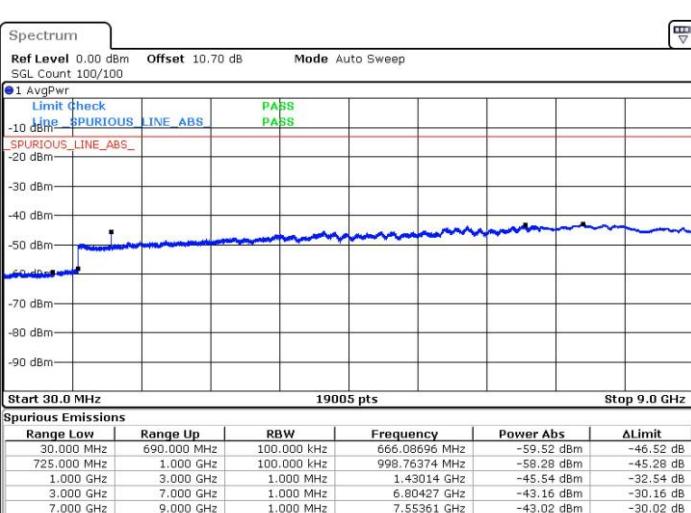




LTE Band 12 / 1.4MHz

Highest Channel / QPSK

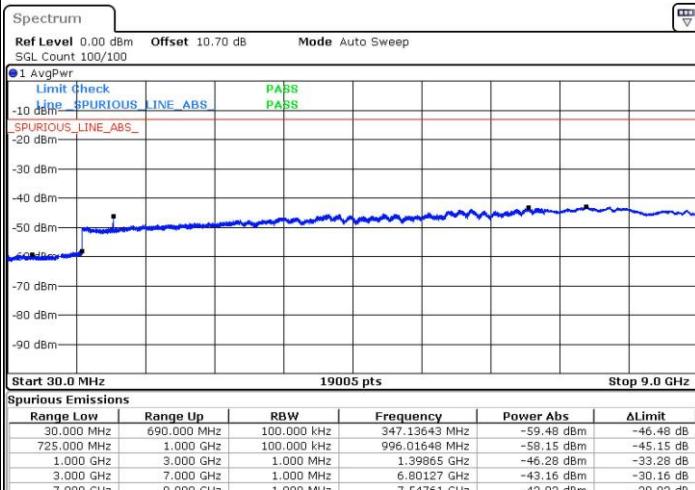
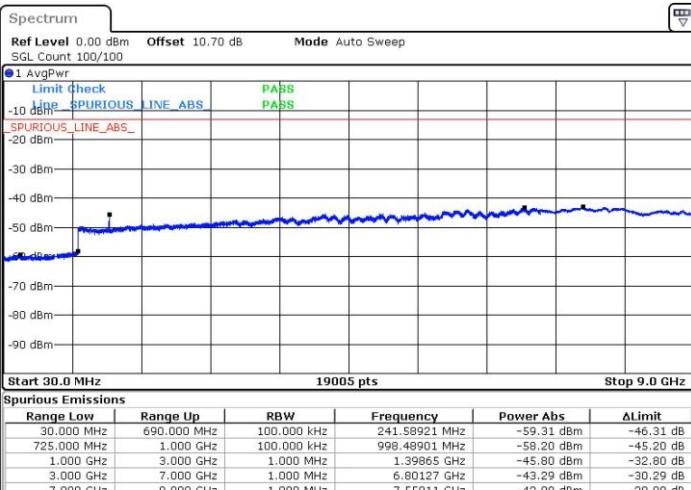
Highest Channel / 16QAM



LTE Band 12 / 3MHz

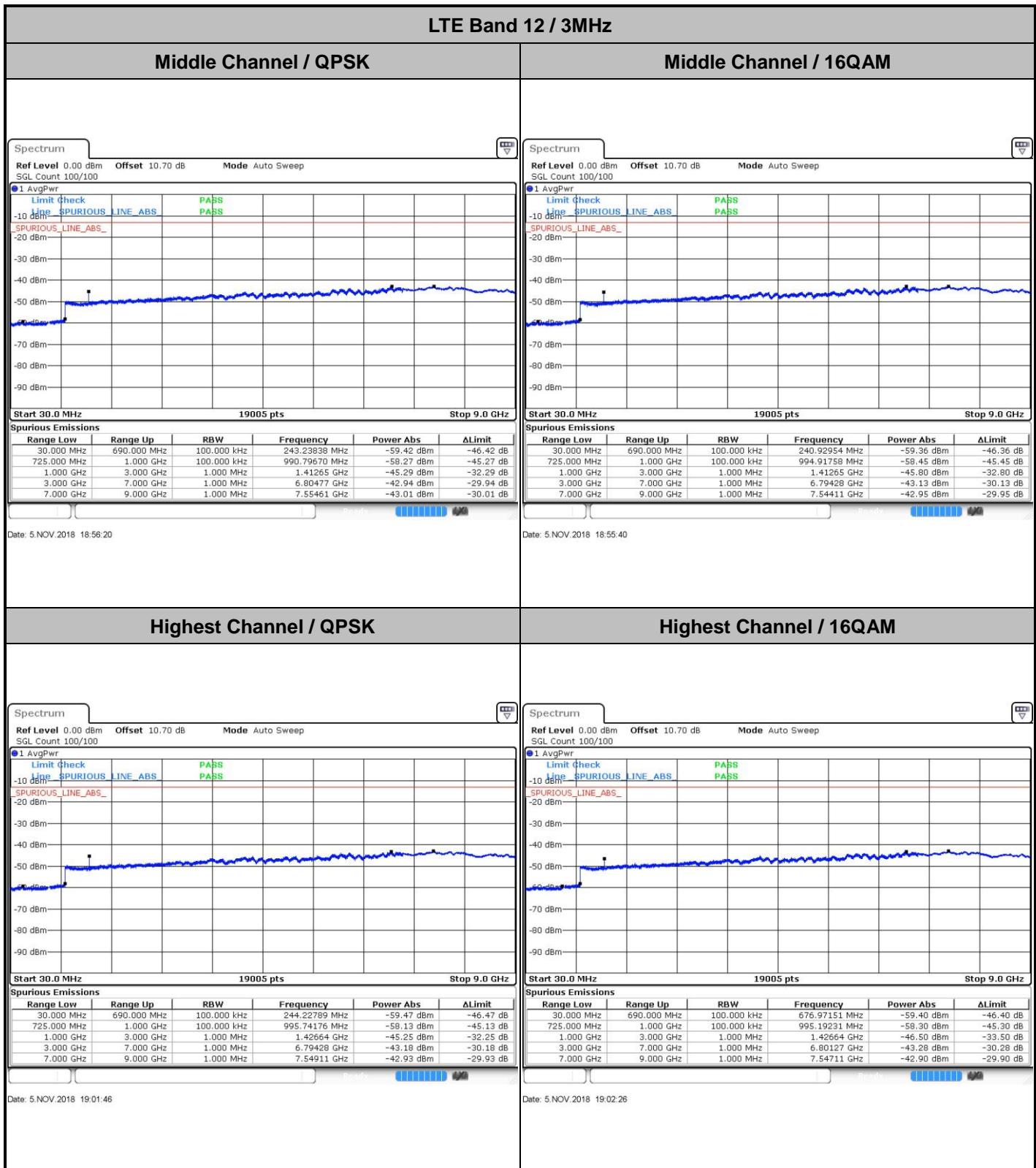
Lowest Channel / QPSK

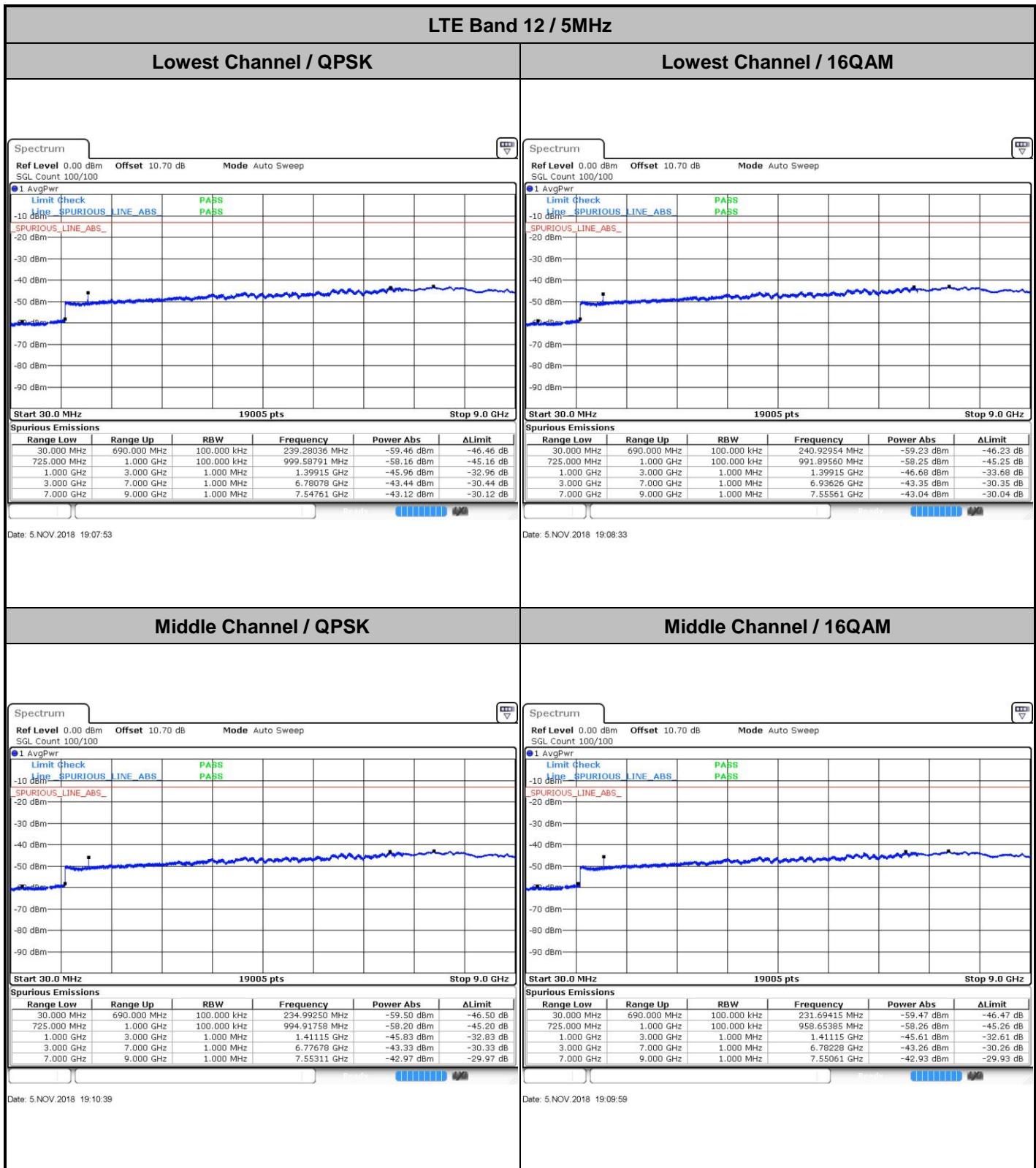
Lowest Channel / 16QAM



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Date: 5.NOV.2018 19:45:24



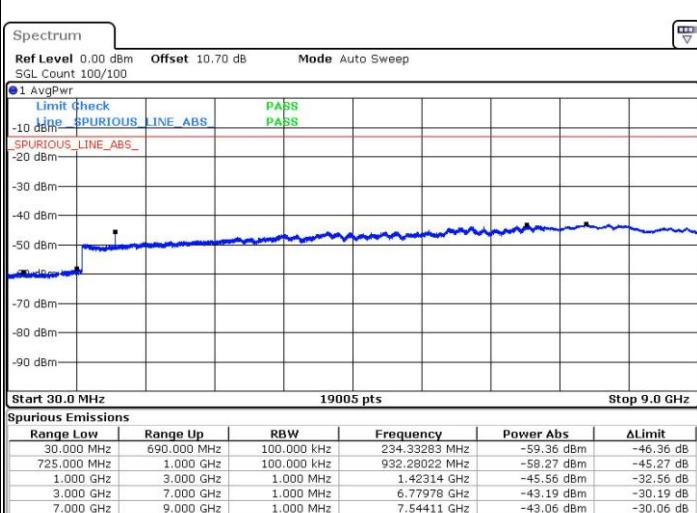
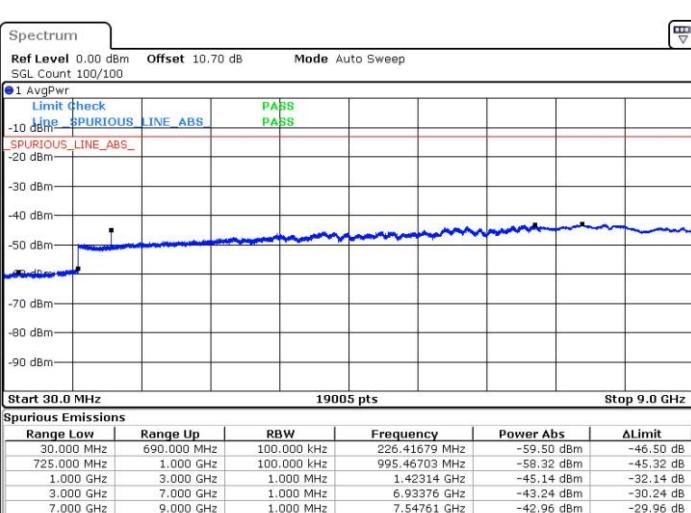




LTE Band 12 / 5MHz

Highest Channel / QPSK

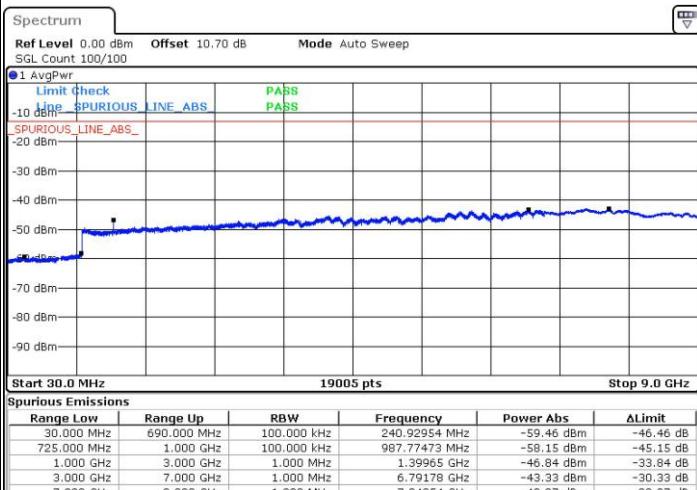
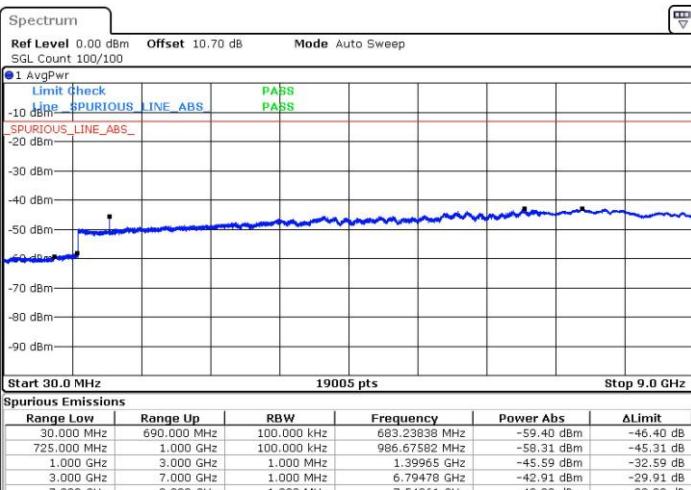
Highest Channel / 16QAM



LTE Band 12 / 10MHz

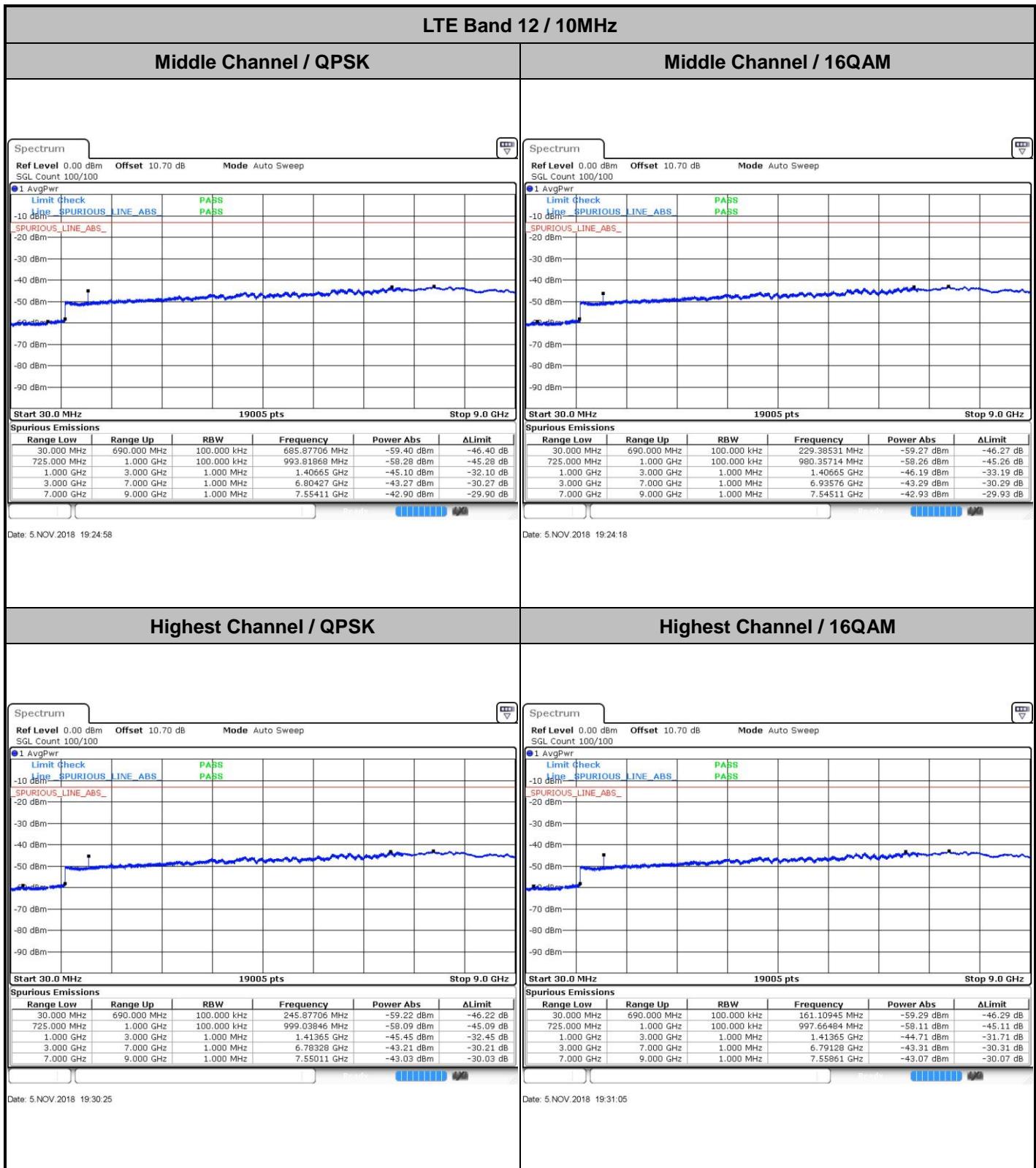
Lowest Channel / QPSK

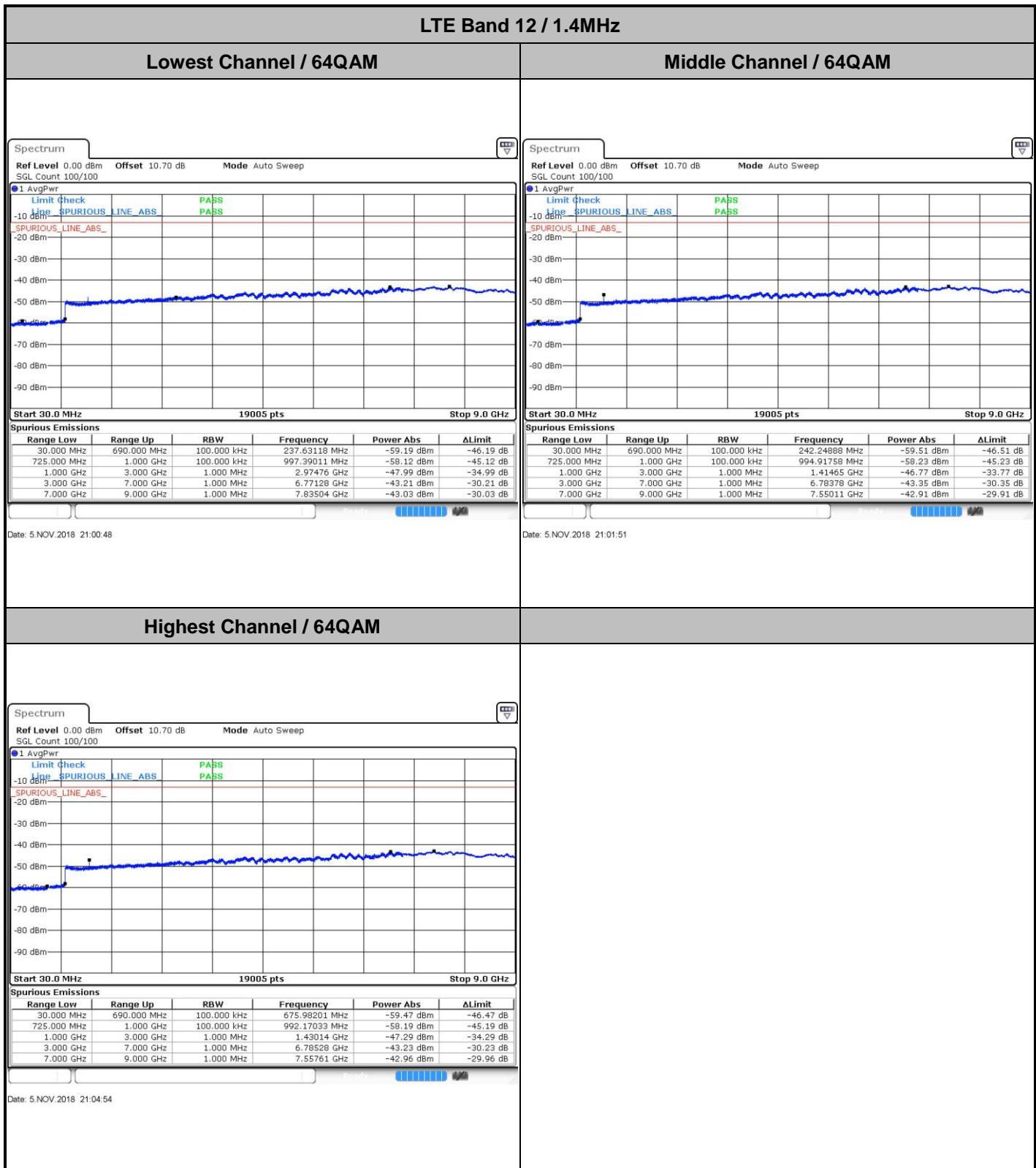
Lowest Channel / 16QAM

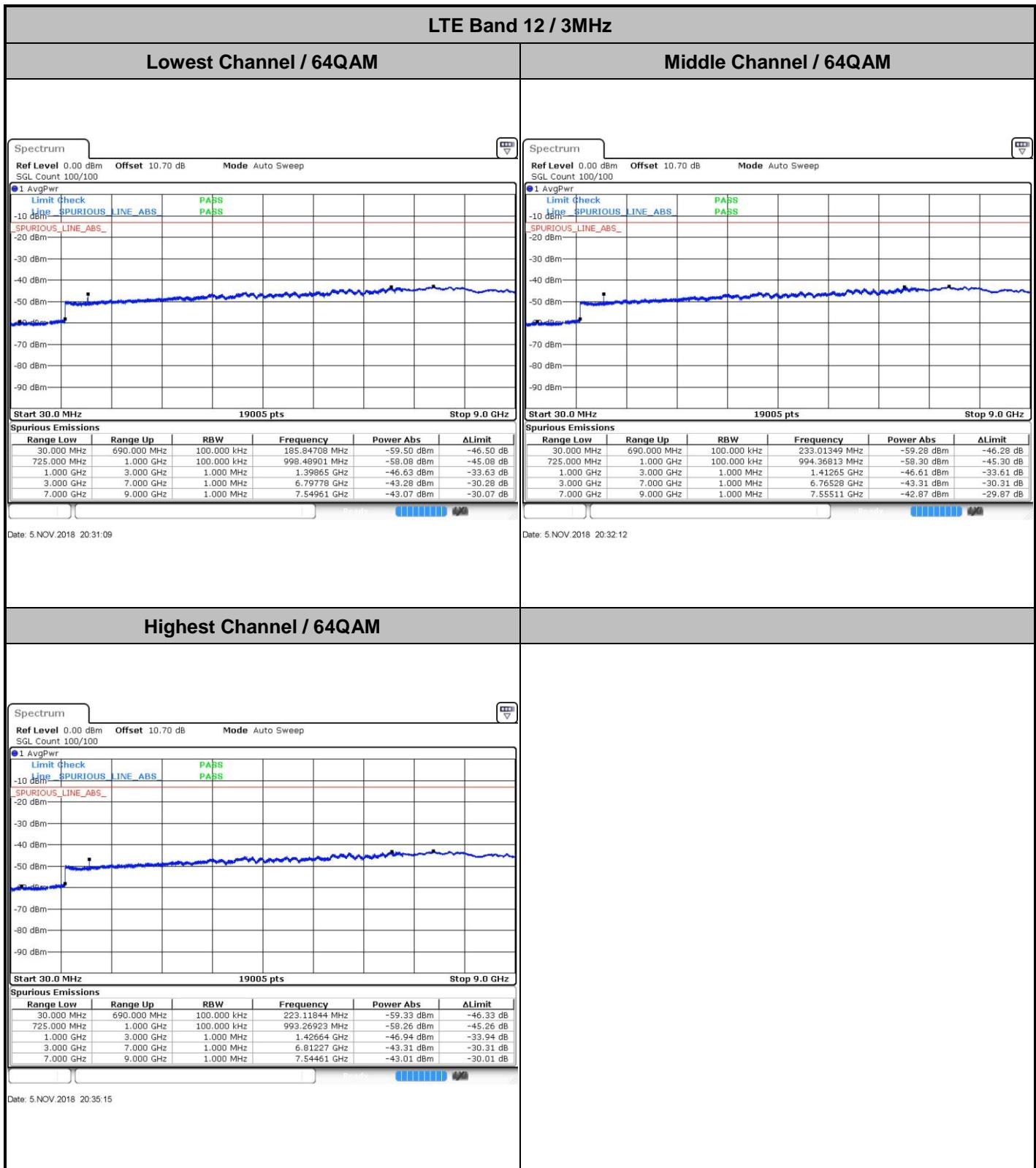


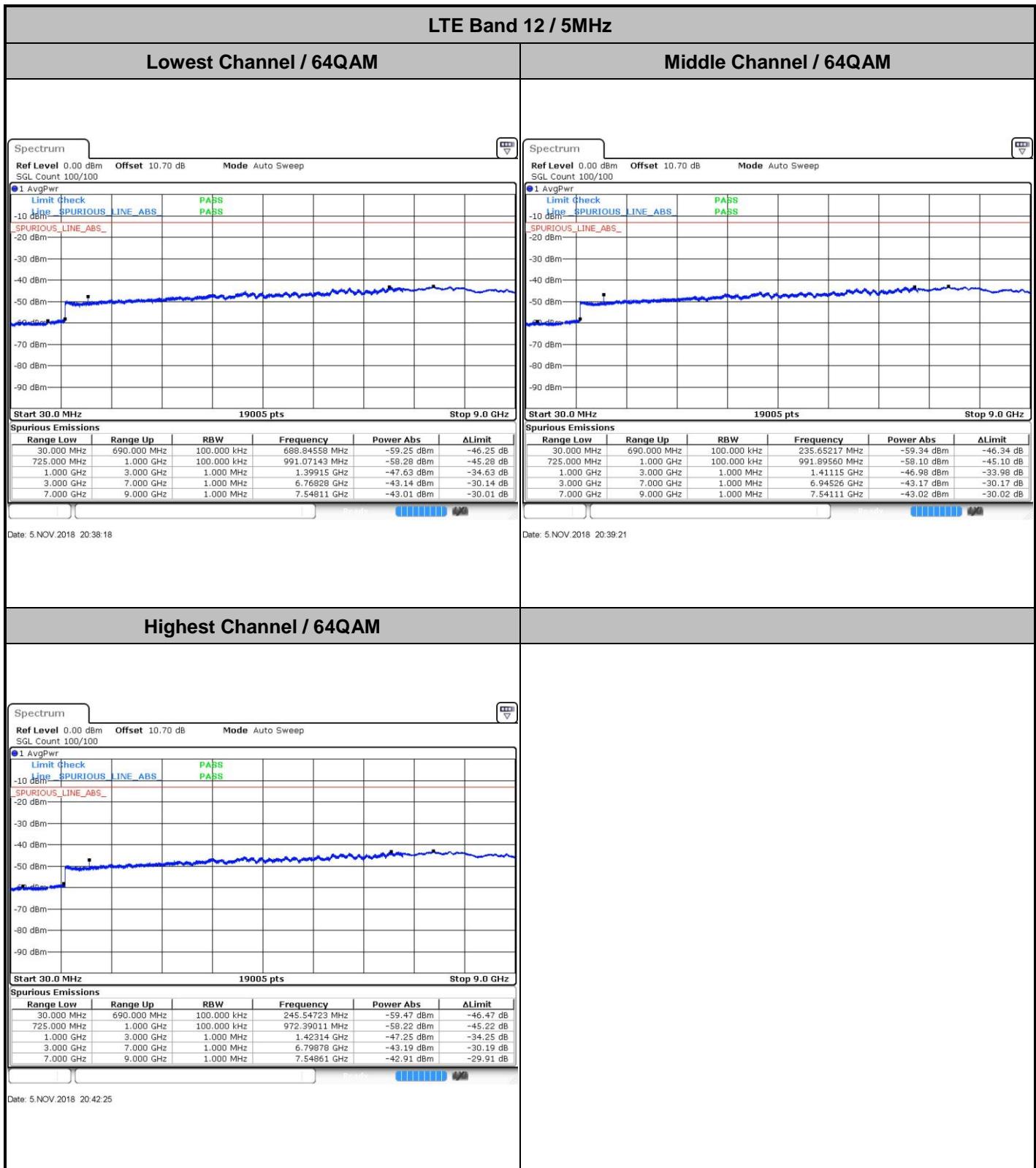
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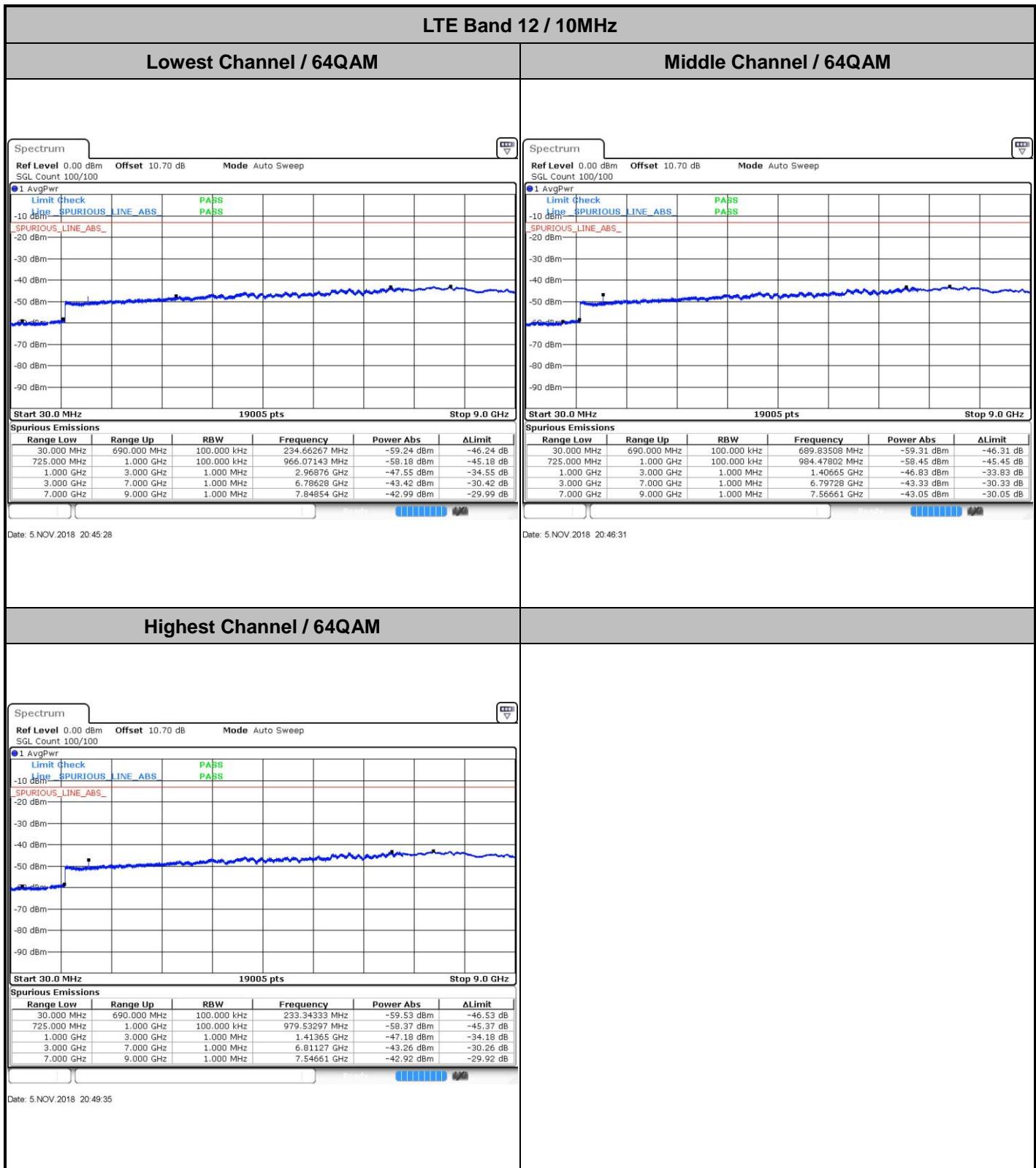
Date: 5.NOV.2018 19:22:52













Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0030	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0069	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.42	4.49	4.46	5.88	
Highest CH	-	-	-	-	
Mode	LTE Band 13 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	5.25	6.38	-	-	
Highest CH	-	-	-	-	

