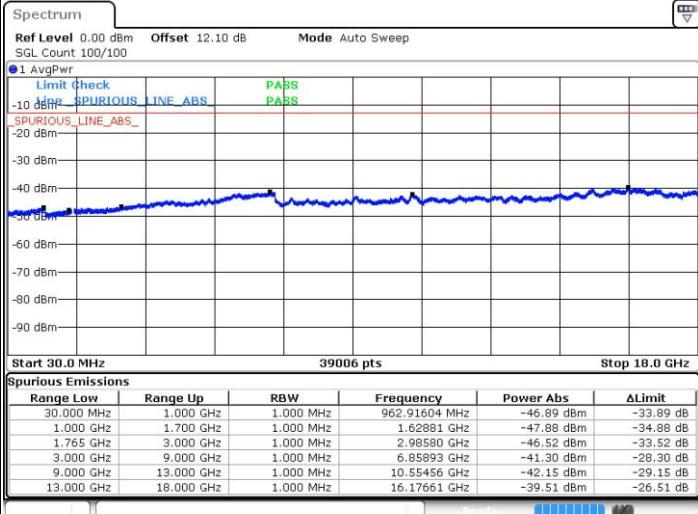
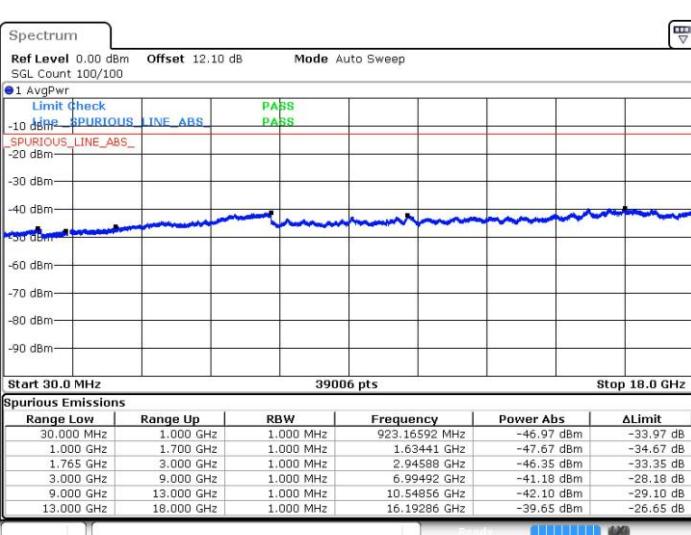




LTE Band 4 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

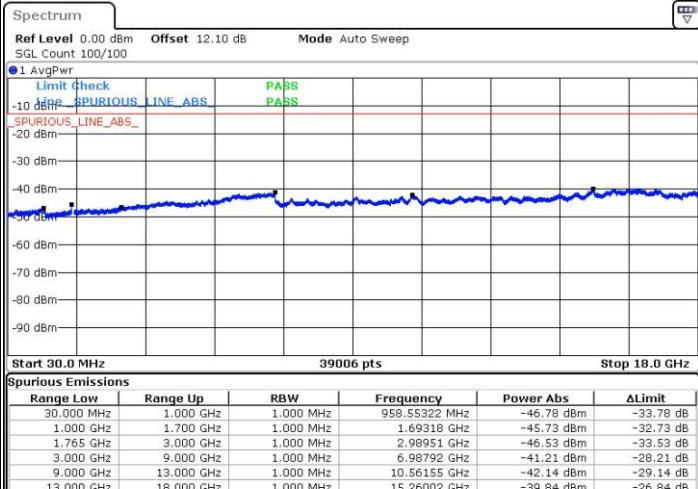
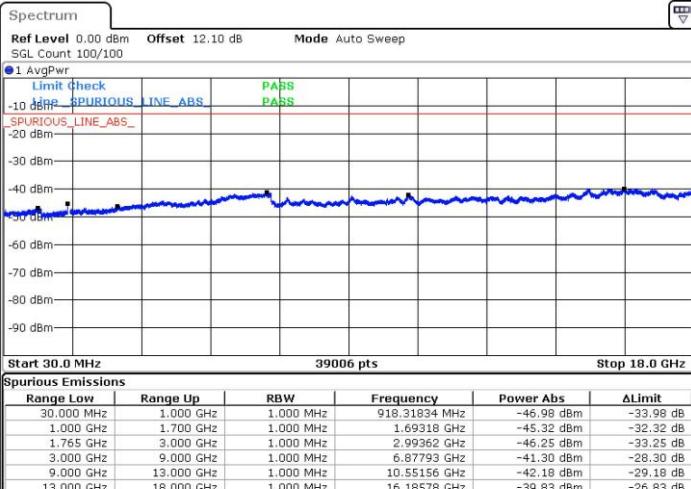


Date: 20.OCT.2018 15:11:33

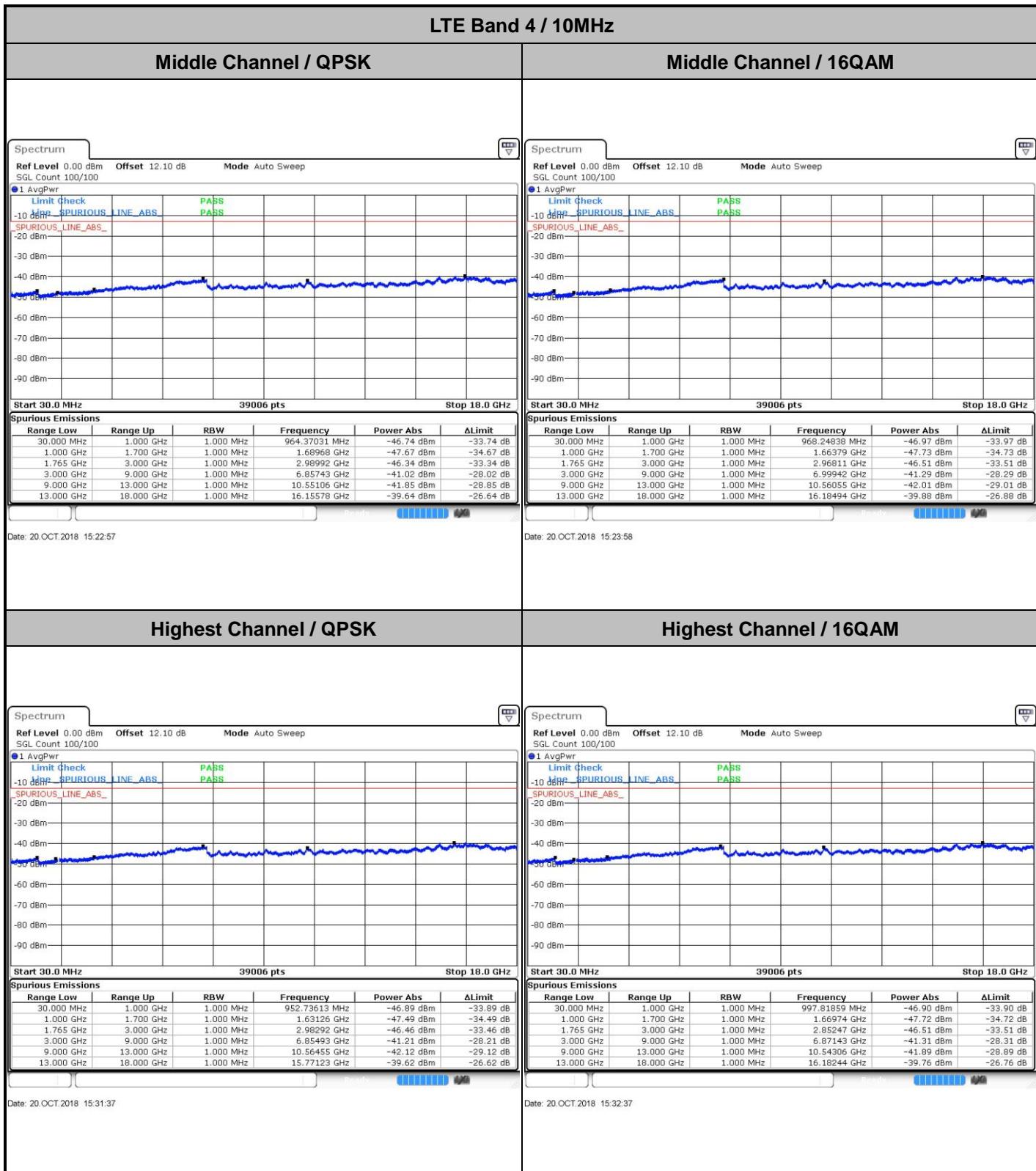
LTE Band 4 / 10MHz

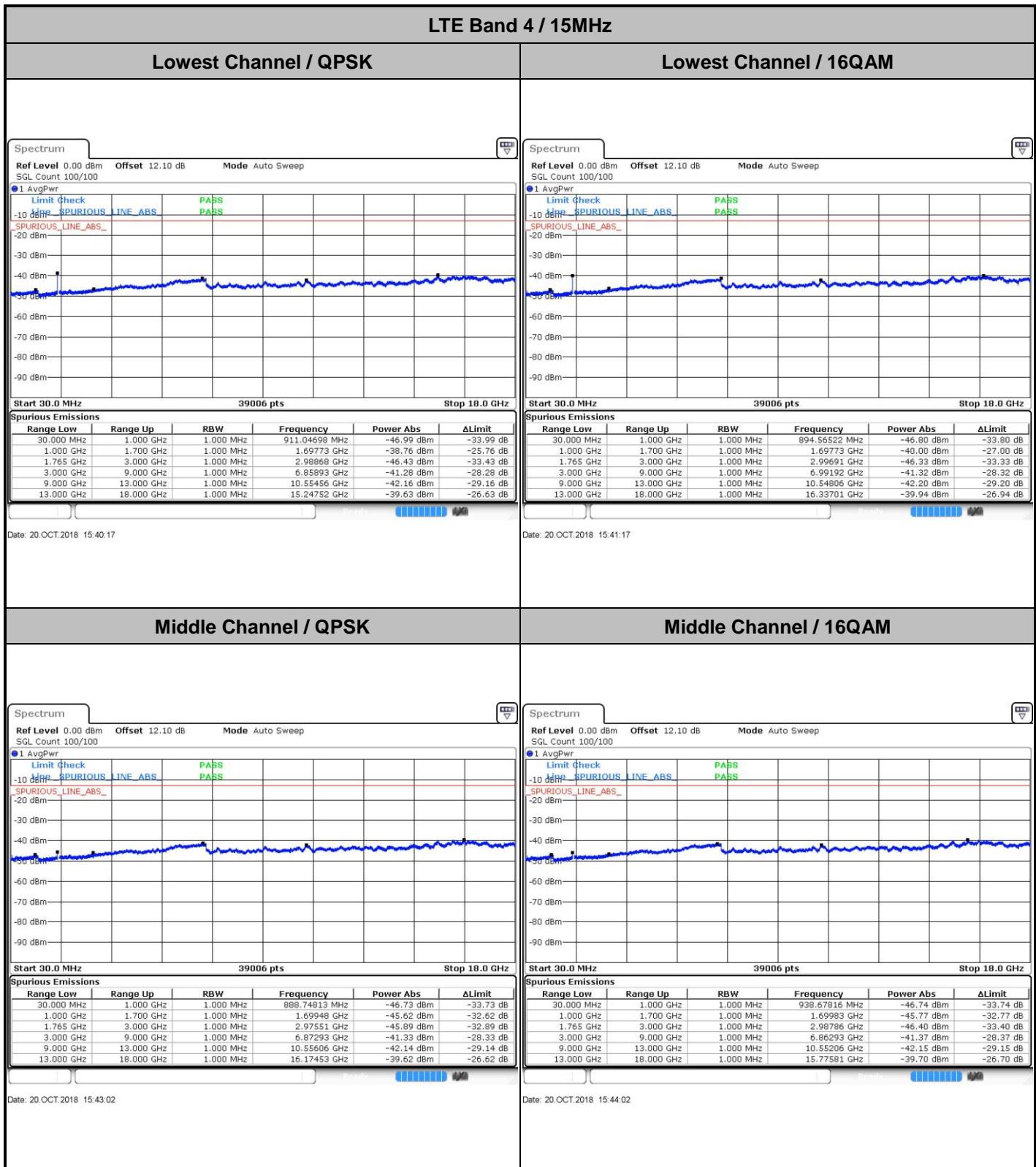
Lowest Channel / QPSK

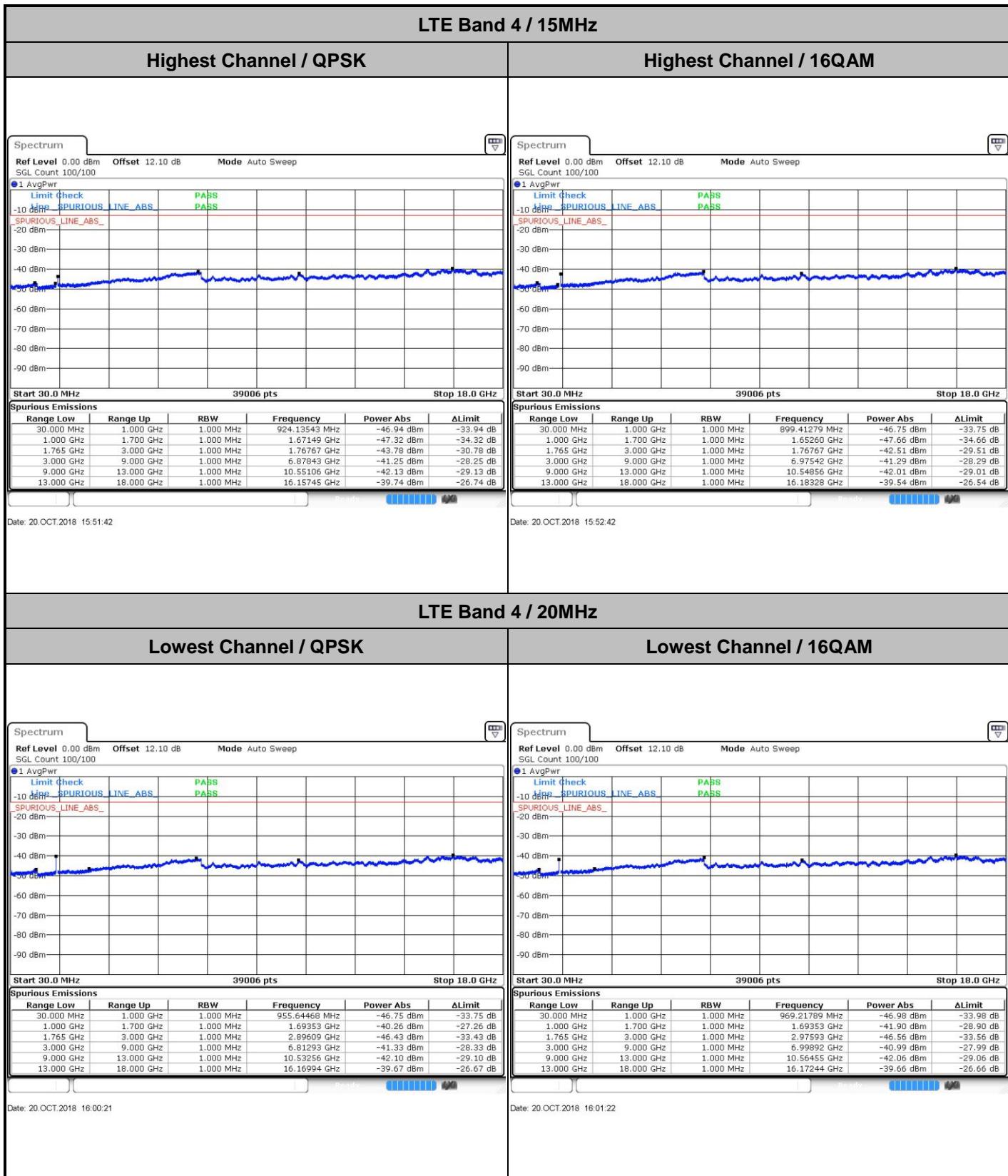
Lowest Channel / 16QAM

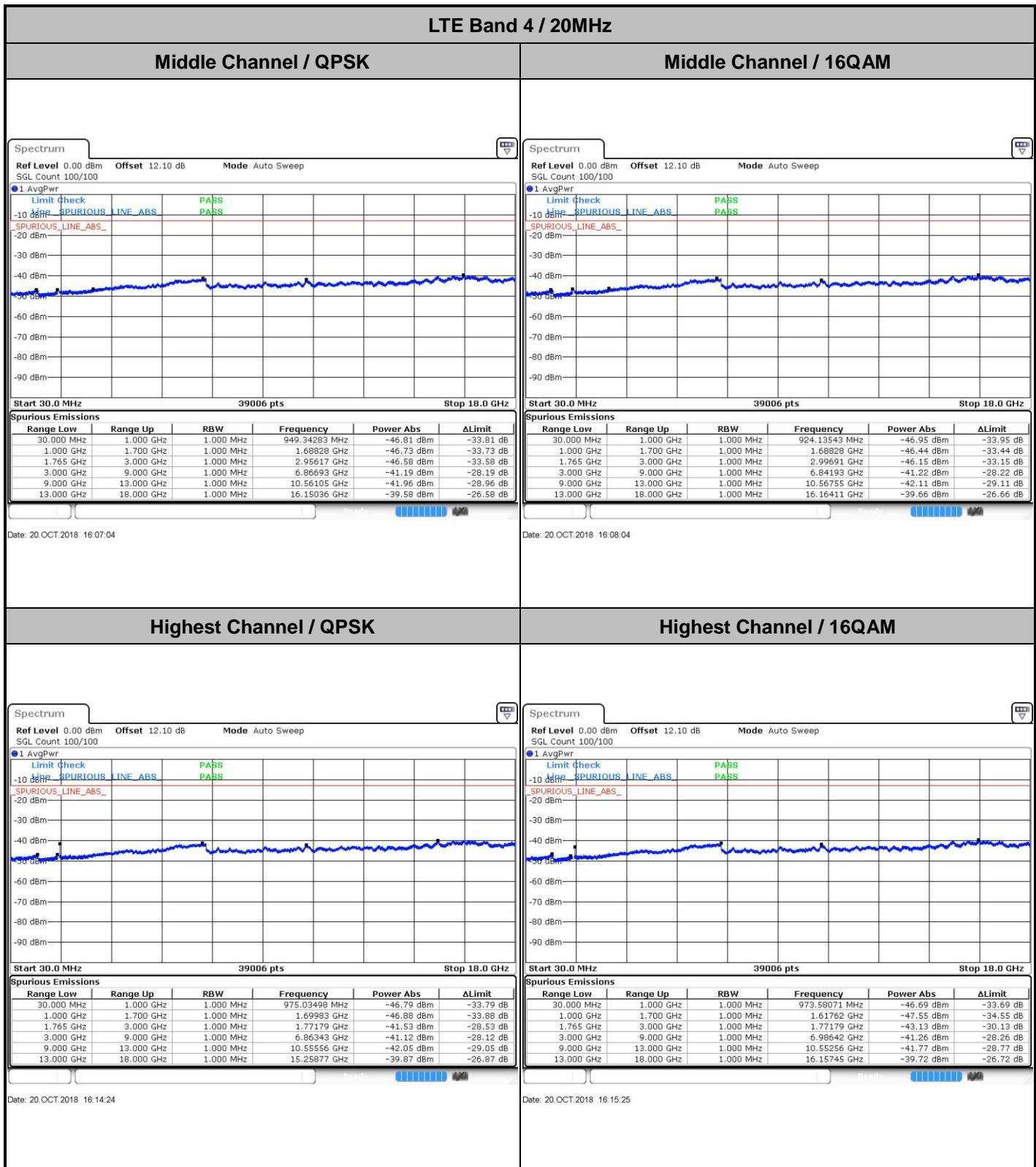


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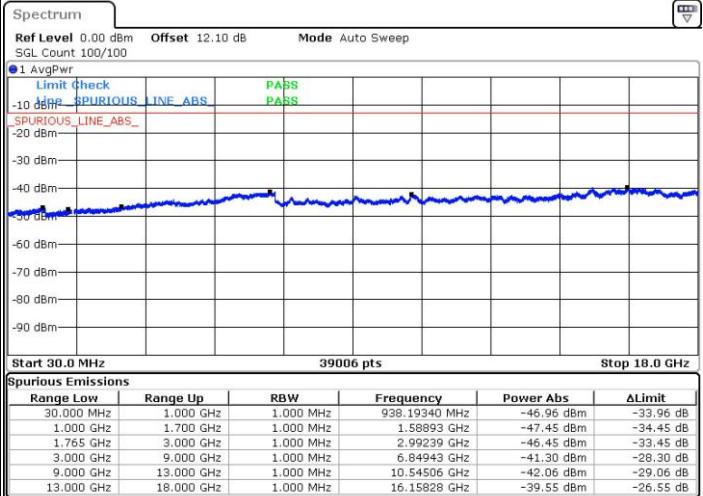
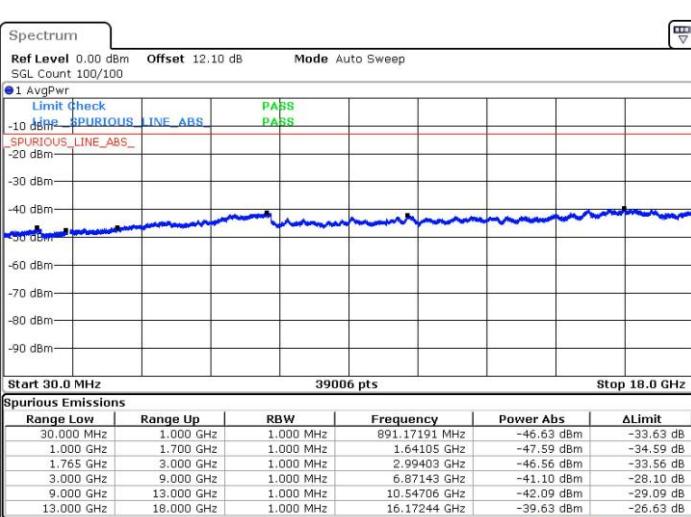




LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

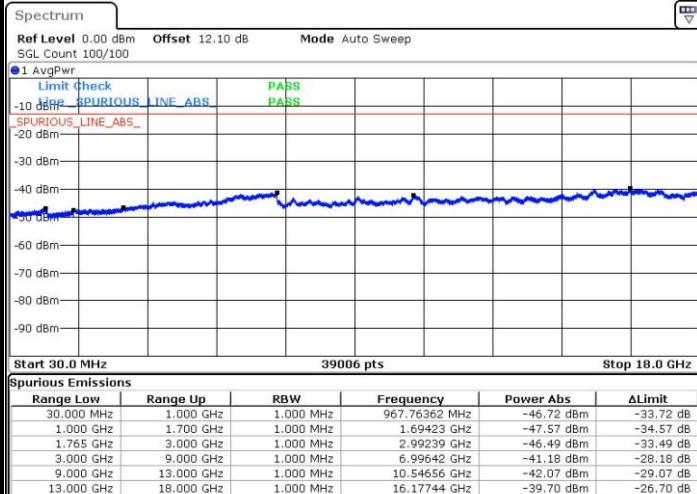
Middle Channel / 64QAM



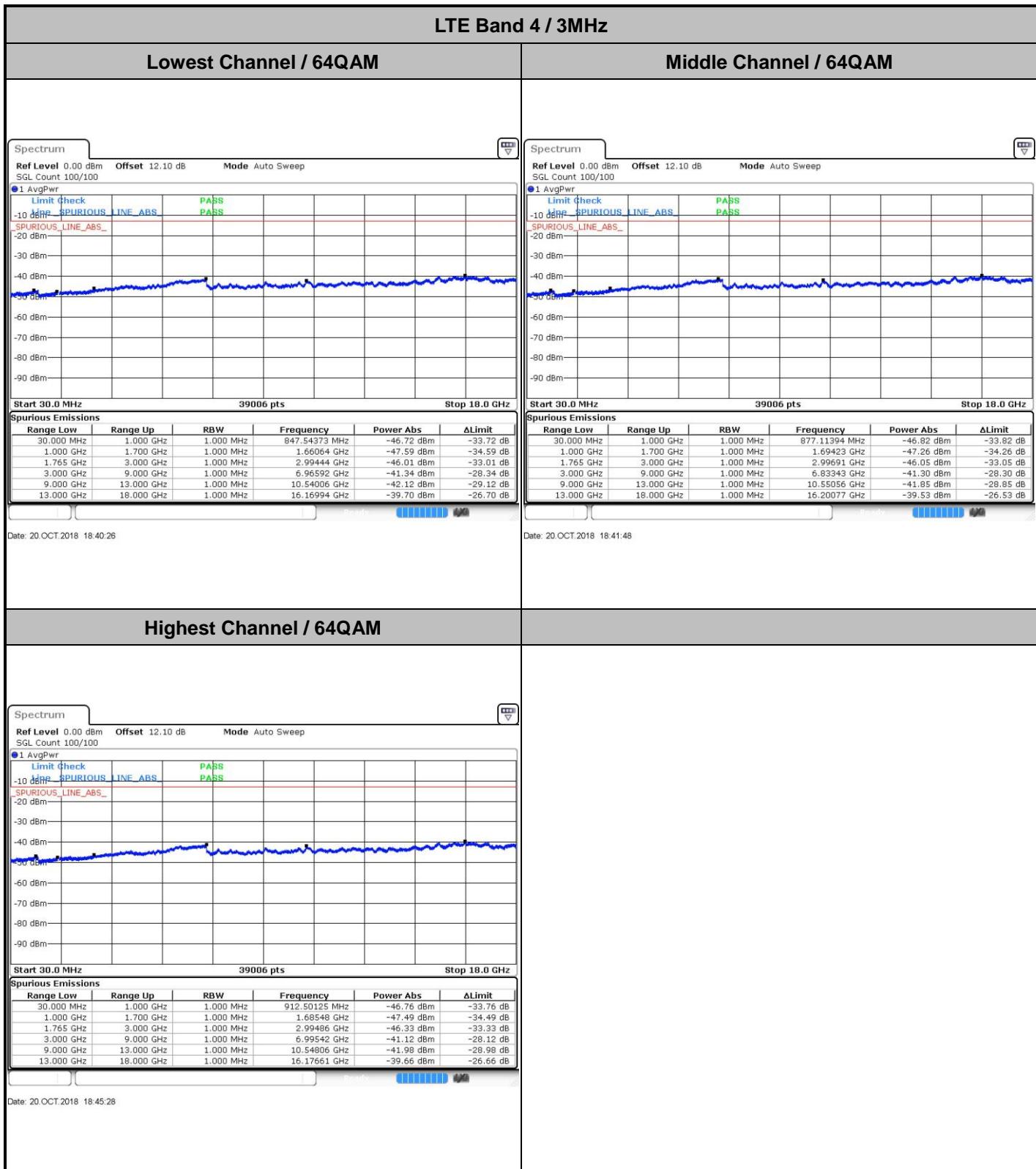
Date: 20.OCT.2018 19:32:37

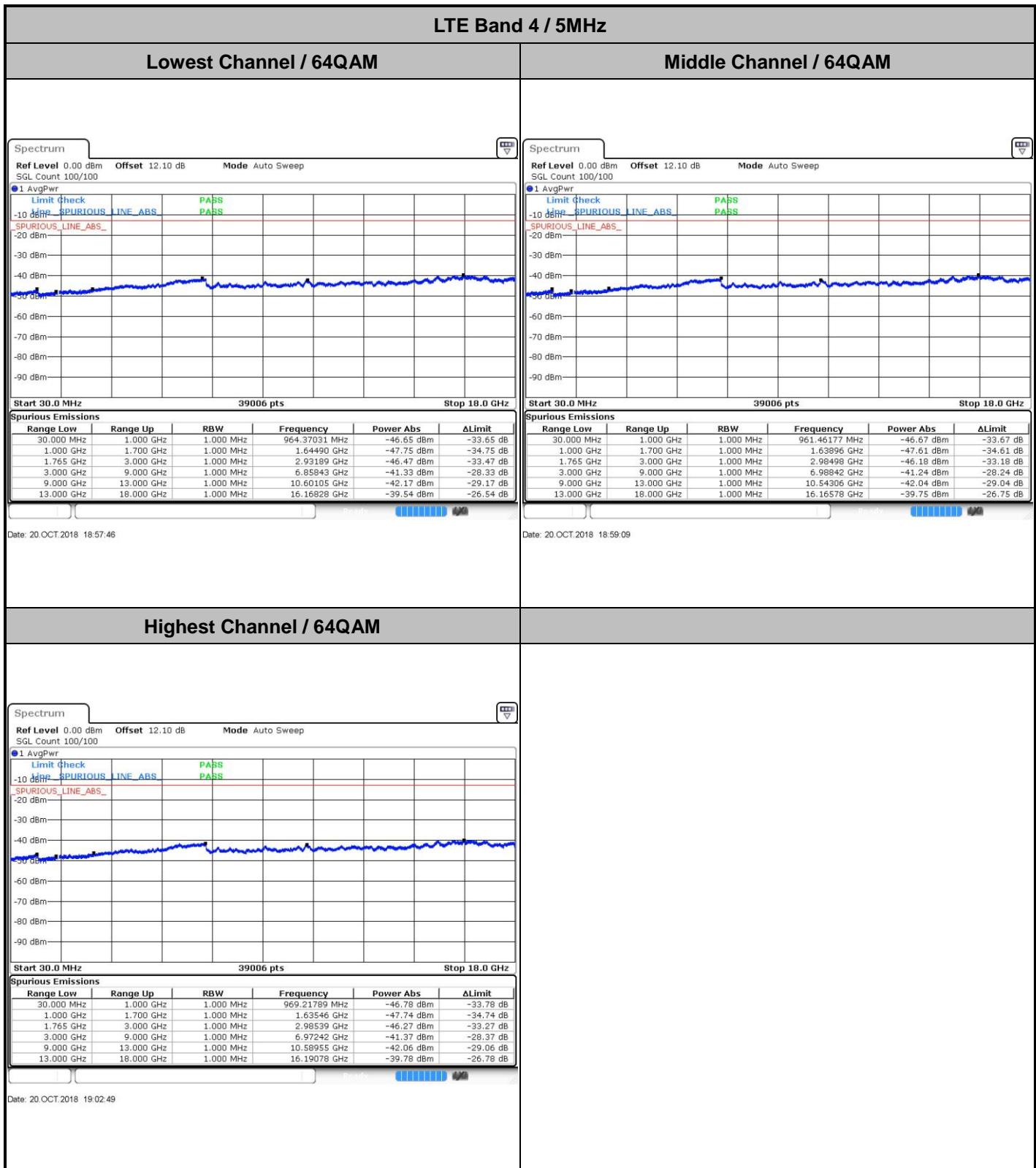
Date: 20.OCT.2018 19:34:00

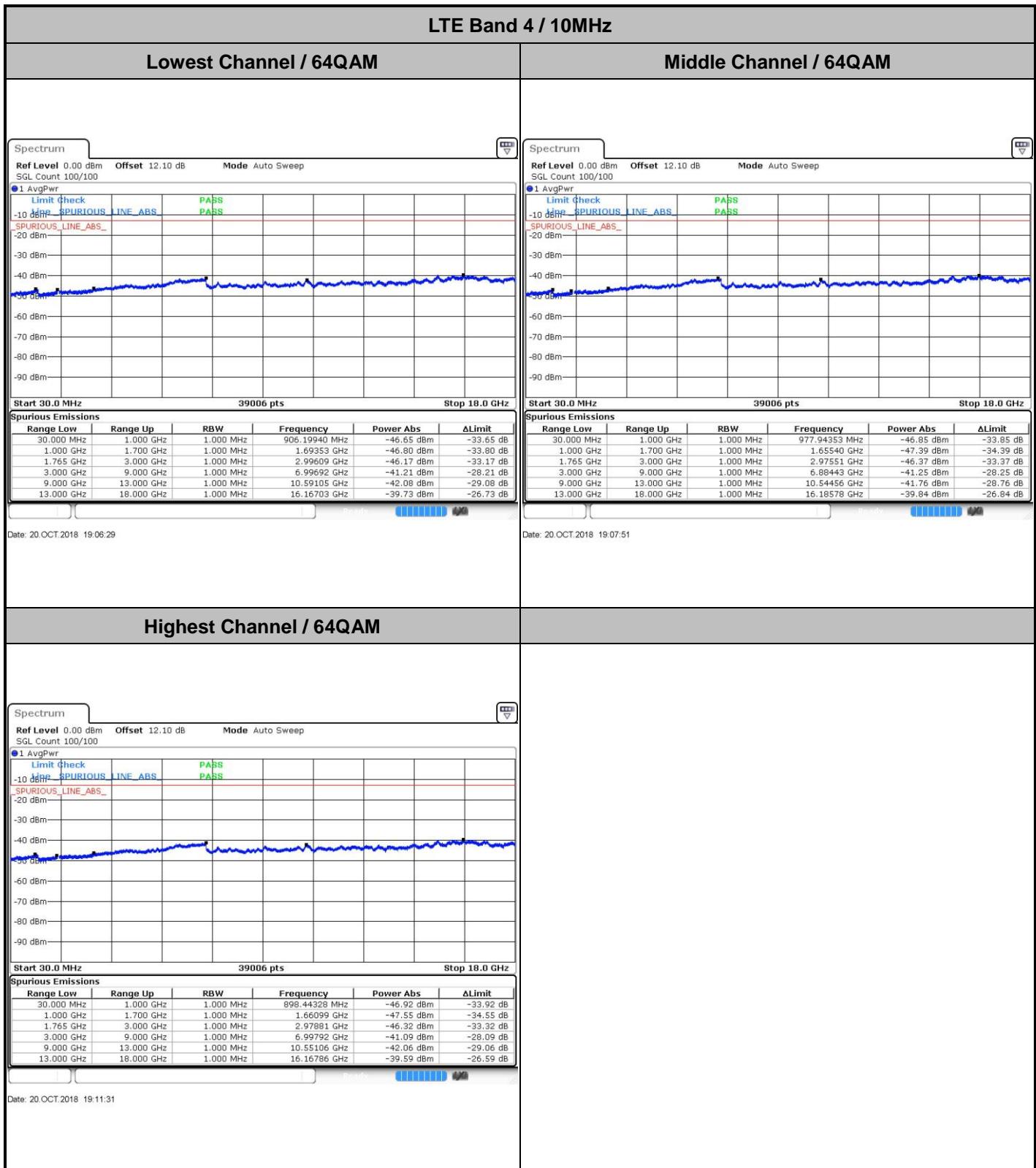
Highest Channel / 64QAM

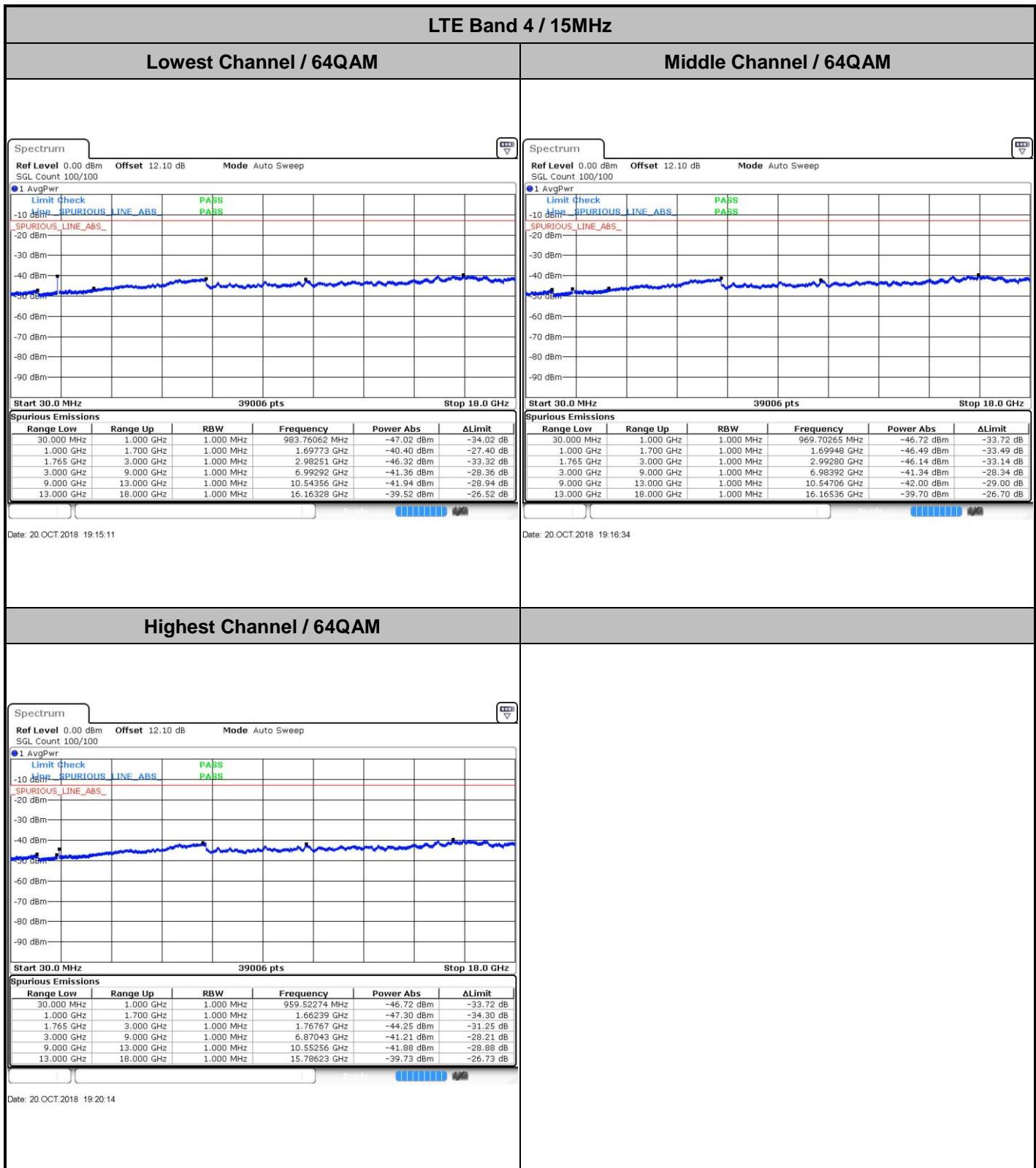


Date: 20.OCT.2018 19:37:40







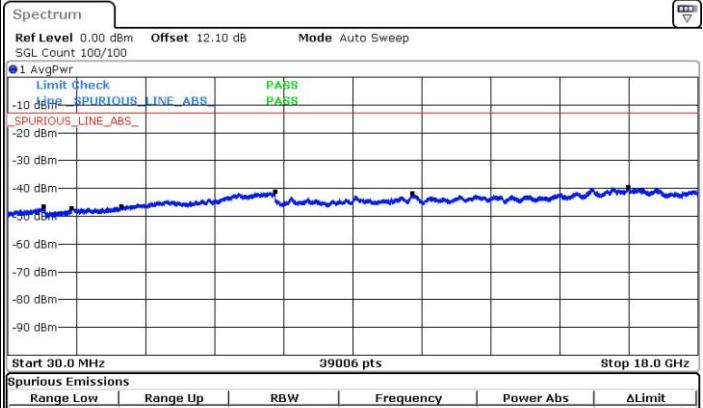
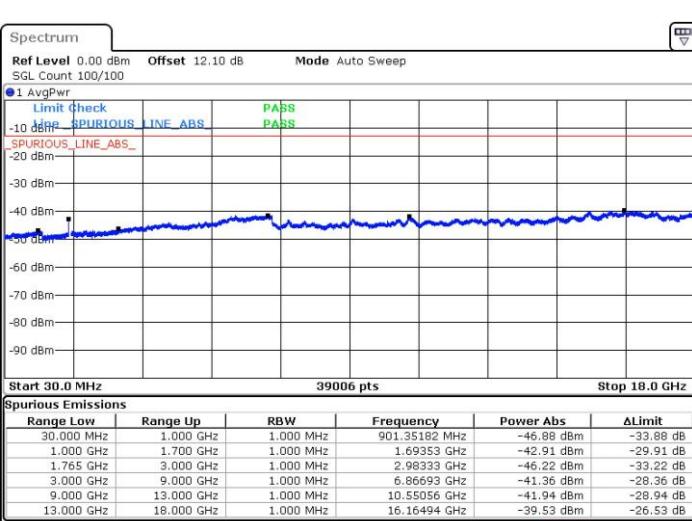




LTE Band 4 / 20MHz

Lowest Channel / 64QAM

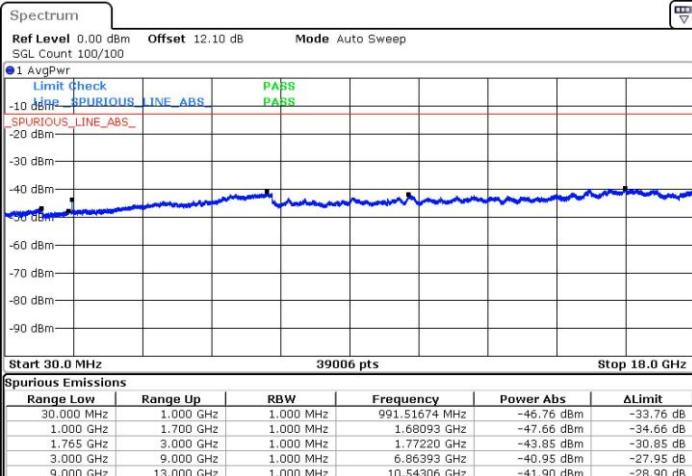
Middle Channel / 64QAM



Date: 20.OCT.2018 19:23:54

Date: 20.OCT.2018 19:25:17

Highest Channel / 64QAM



Date: 20.OCT.2018 19:28:57



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	0.0008	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0050	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

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 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.68	4.61	5.1	5.91	PASS
Middle CH	3.45	4.72	5.3	5.86	
Highest CH	3.62	4.64	5.16	5.91	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.14	6.41	-	-	PASS
Middle CH	5.36	6.35	-	-	
Highest CH	6.43	6.46	-	-	

