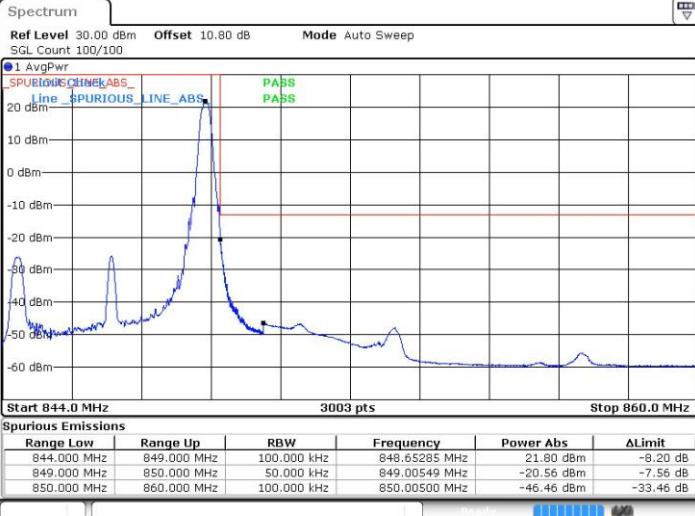
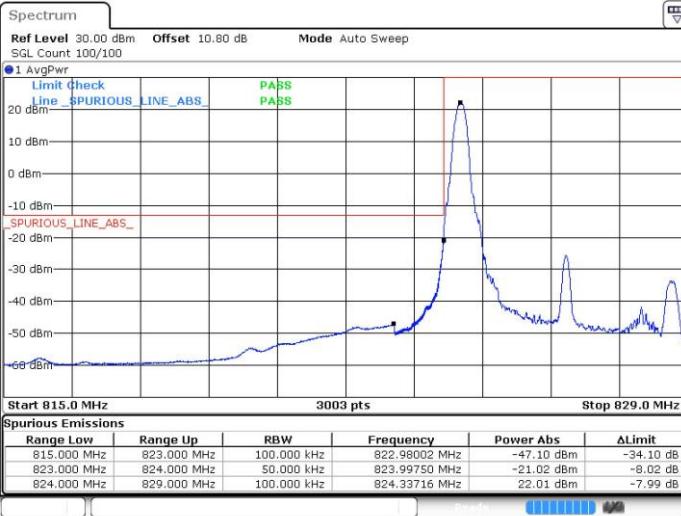




LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

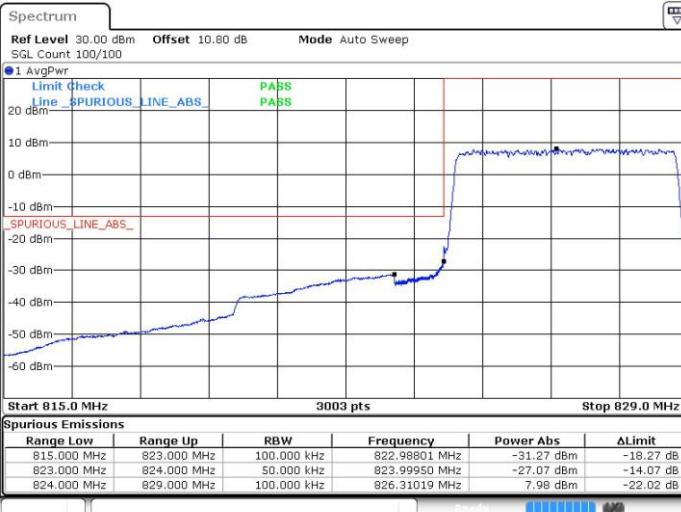


Date: 24.OCT.2018 21:35:51

Date: 24.OCT.2018 21:46:44

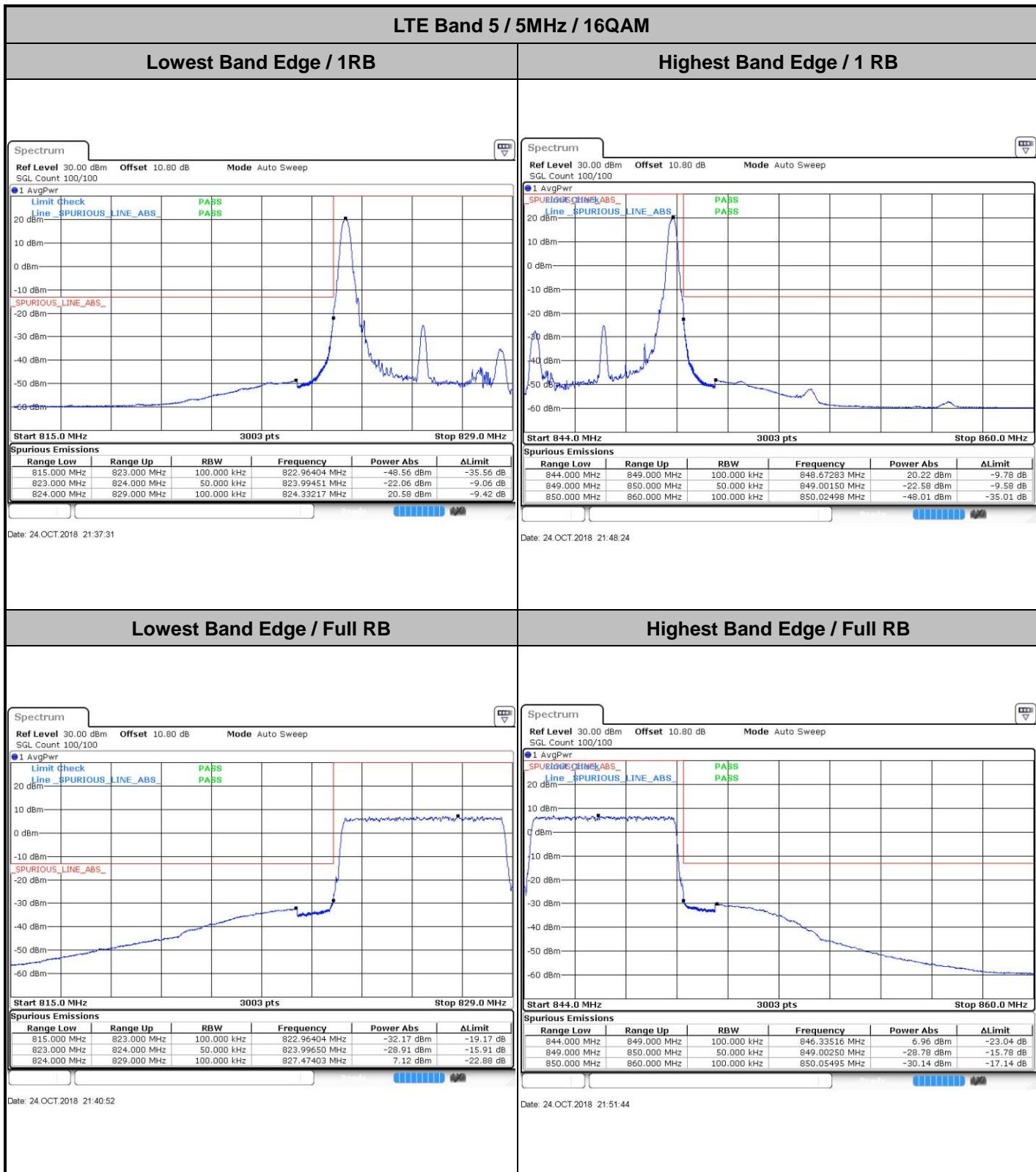
Lowest Band Edge / Full RB

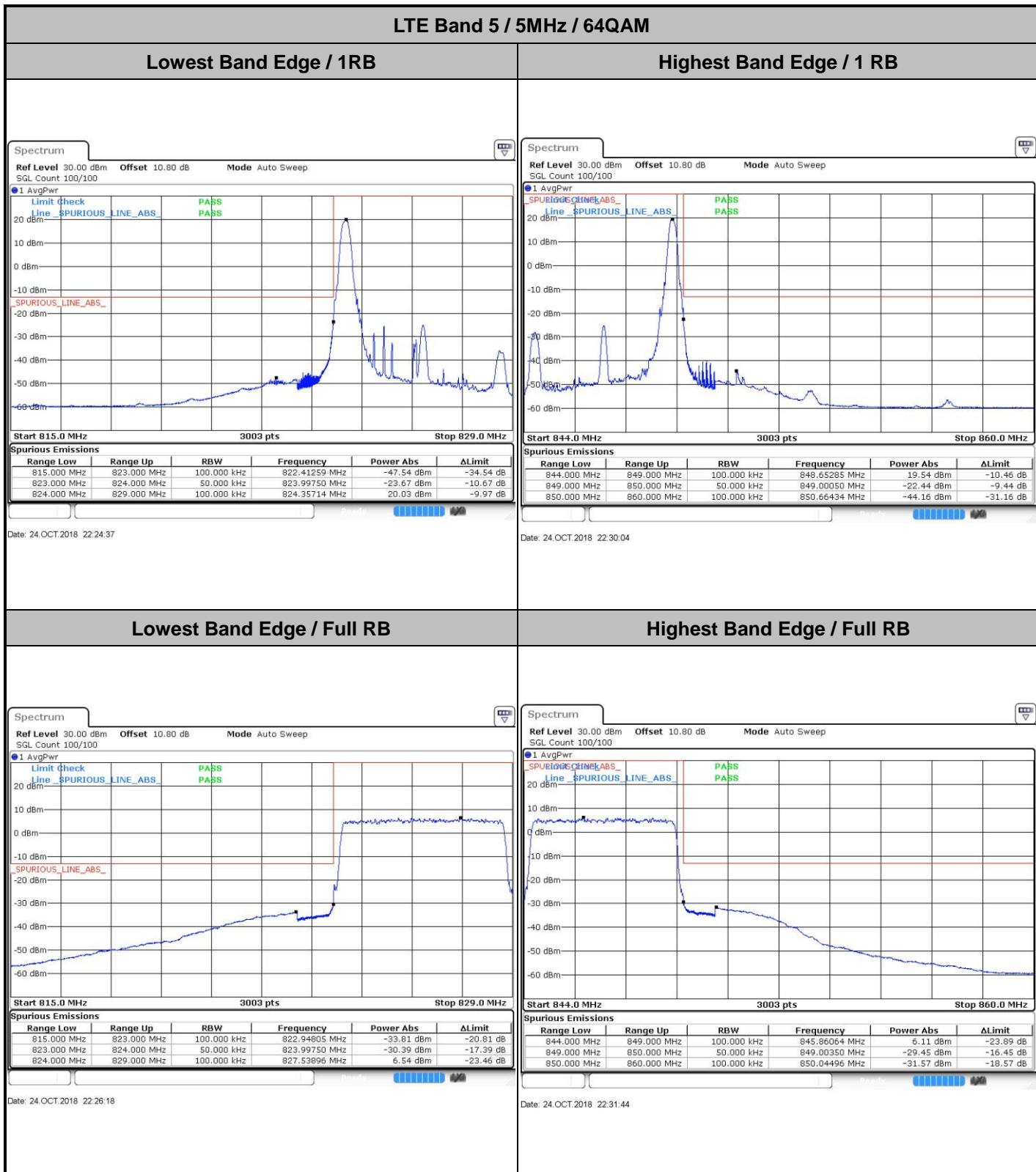
Highest Band Edge / Full RB



Date: 24.OCT.2018 21:39:12

Date: 24.OCT.2018 21:50:04



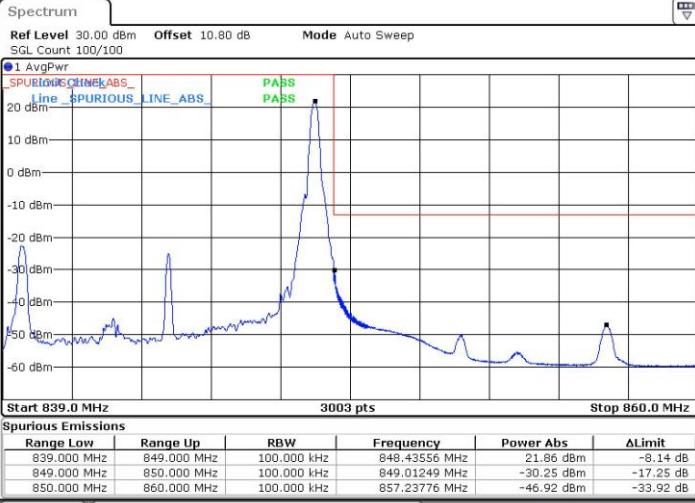
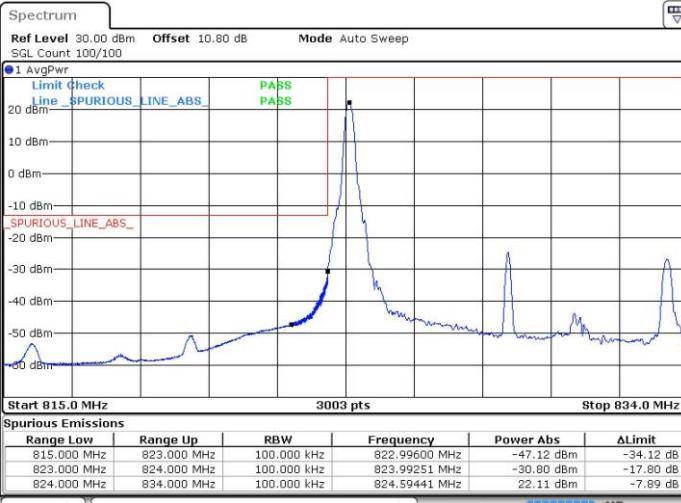




LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

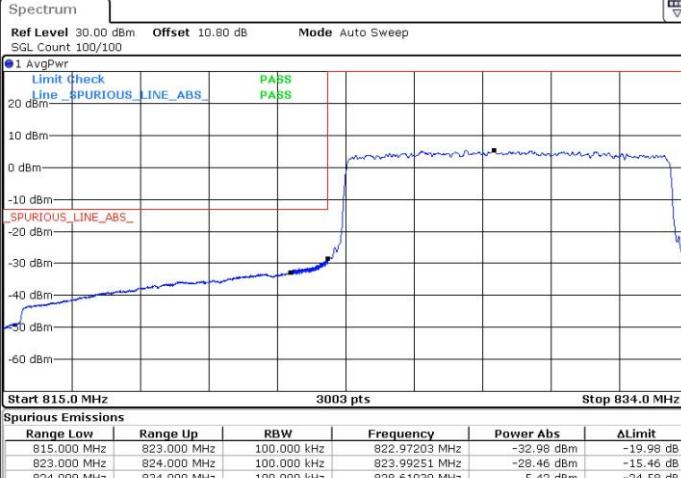
Highest Band Edge / 1 RB



Date: 24.OCT.2018 21:55:31

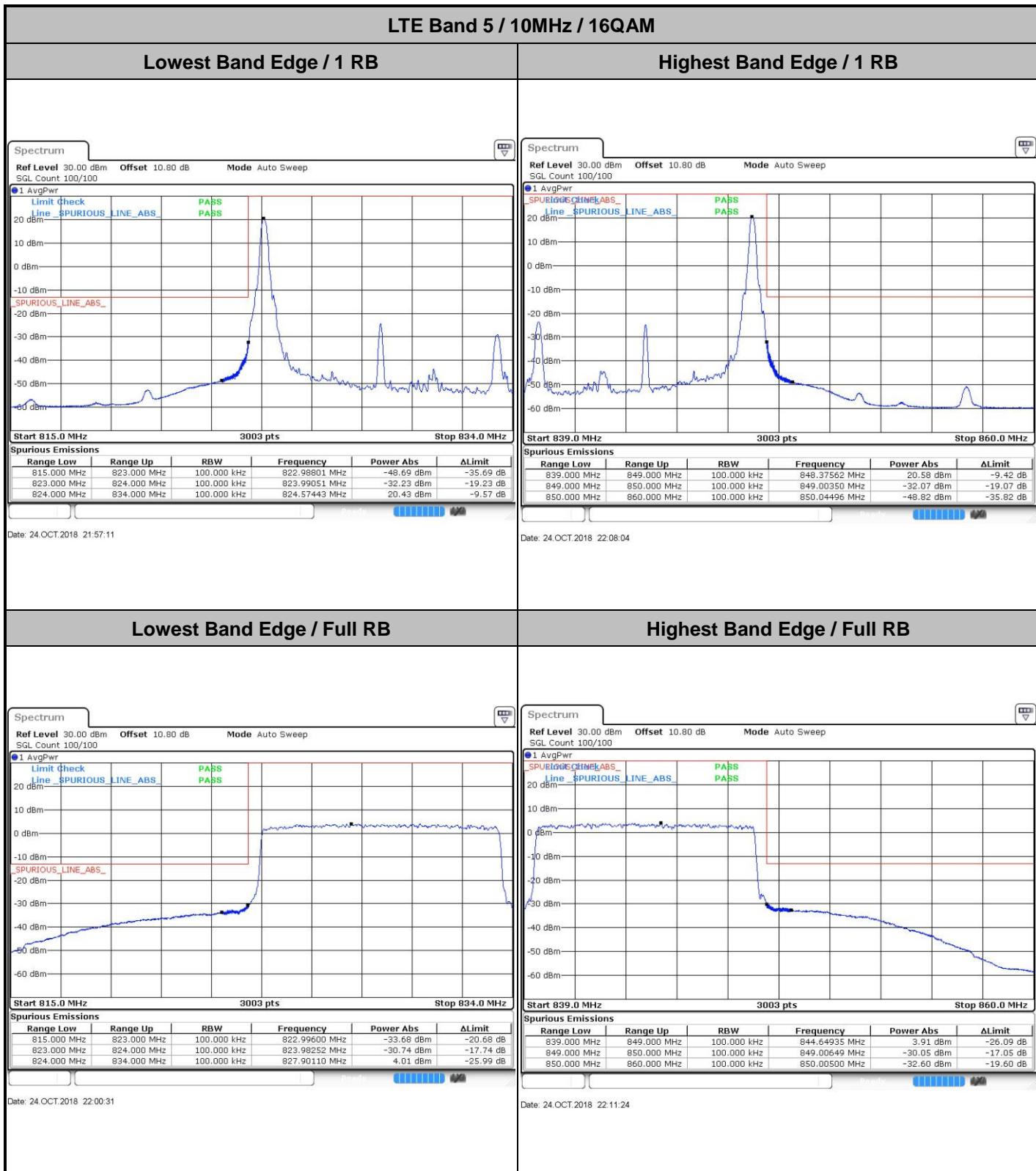
Date: 24.OCT.2018 22:06:24

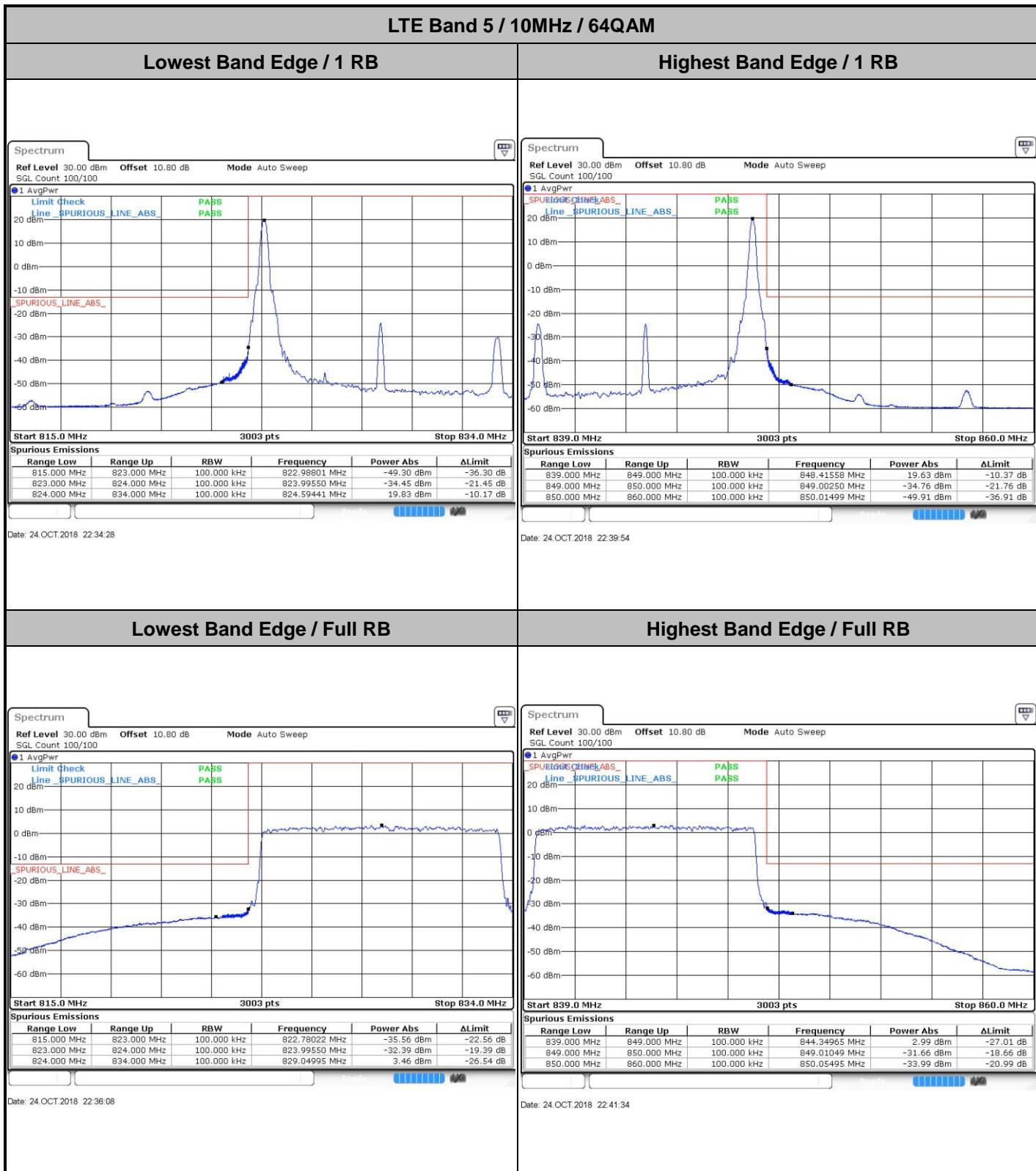
Lowest Band Edge / Full RB



Date: 24.OCT.2018 21:58:51

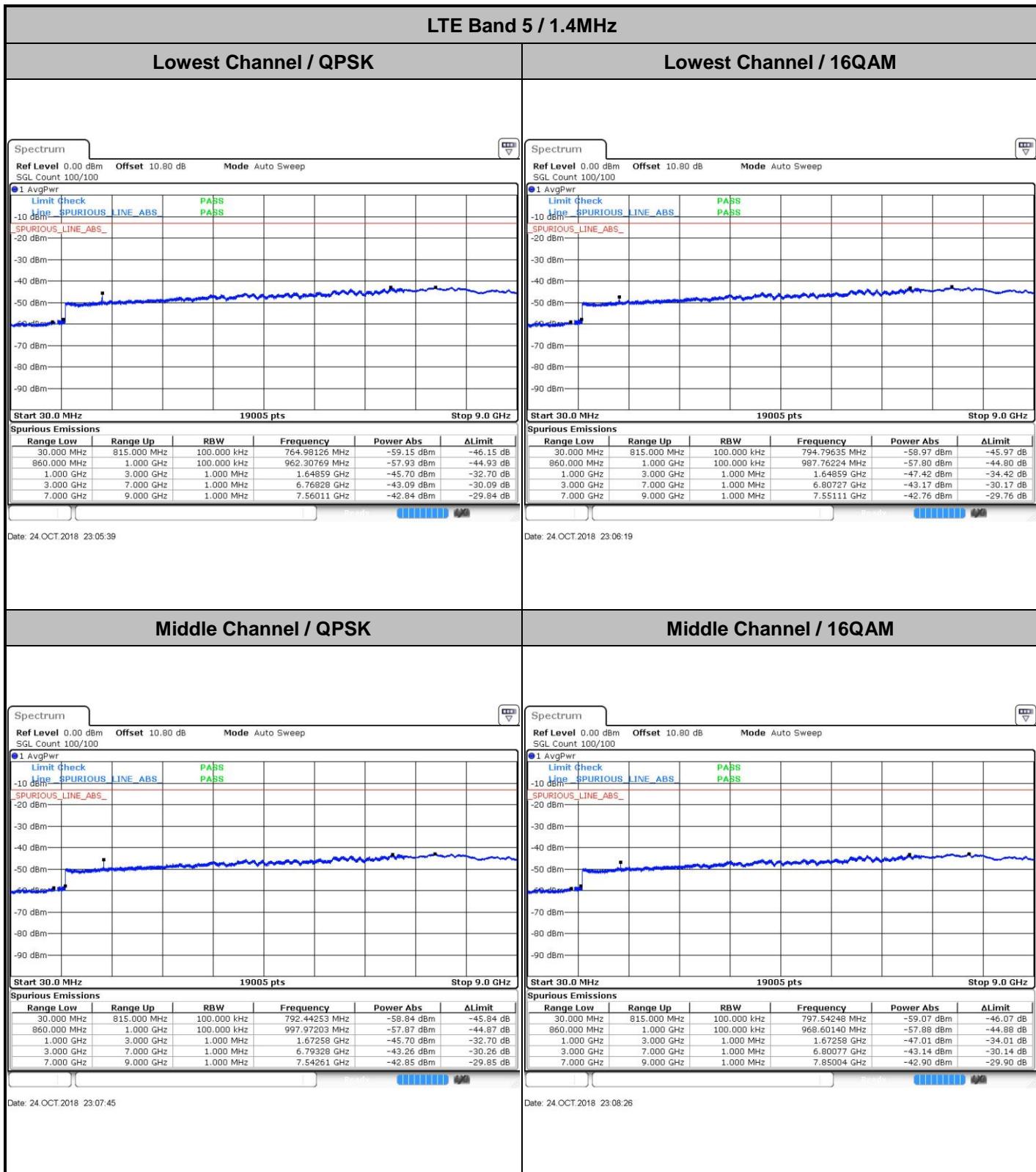
Date: 24.OCT.2018 22:09:44







Conducted Spurious Emission

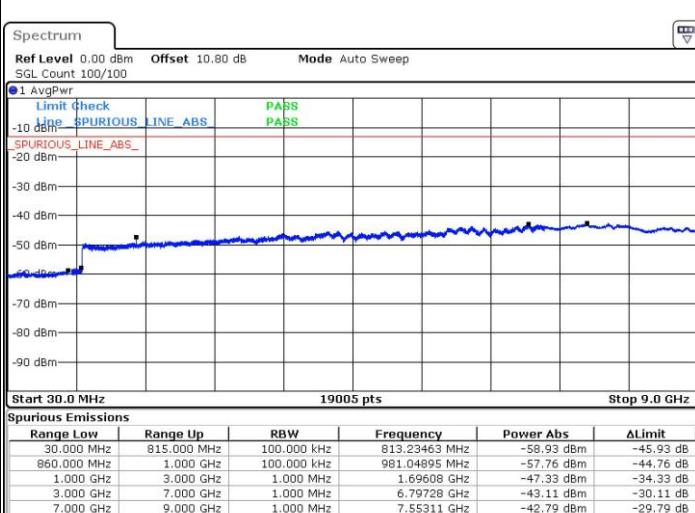
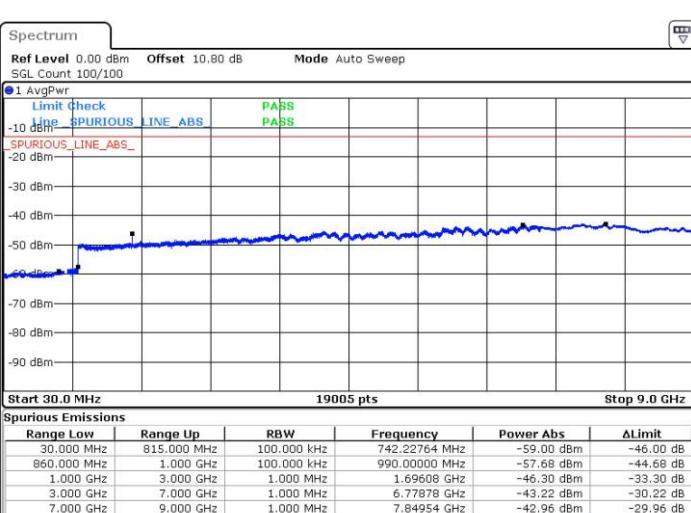




LTE Band 5 / 1.4MHz

Highest Channel / QPSK

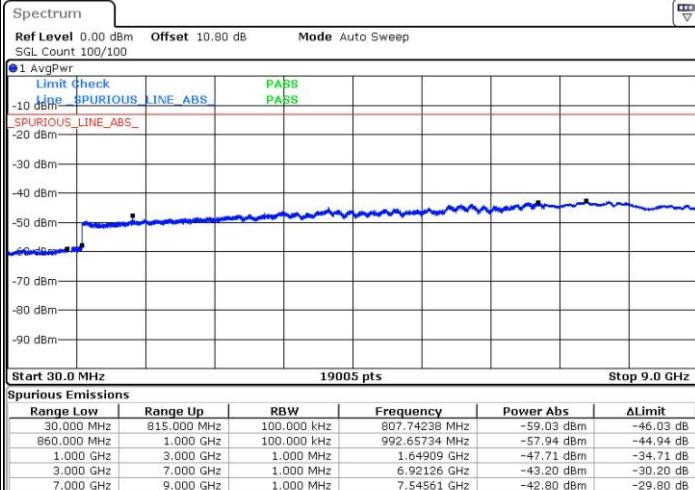
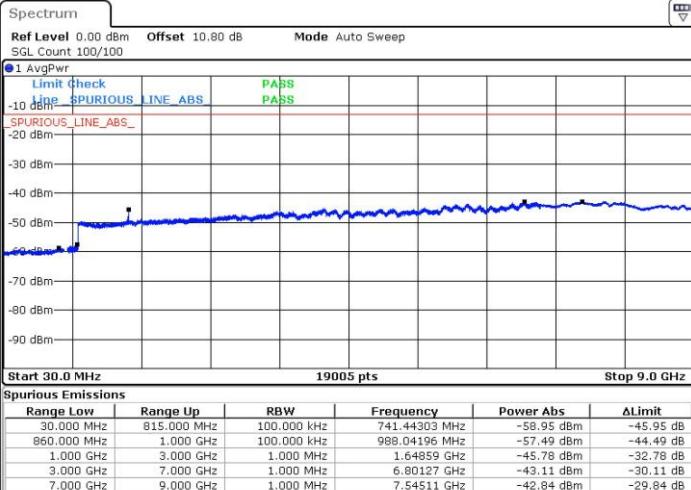
Highest Channel / 16QAM

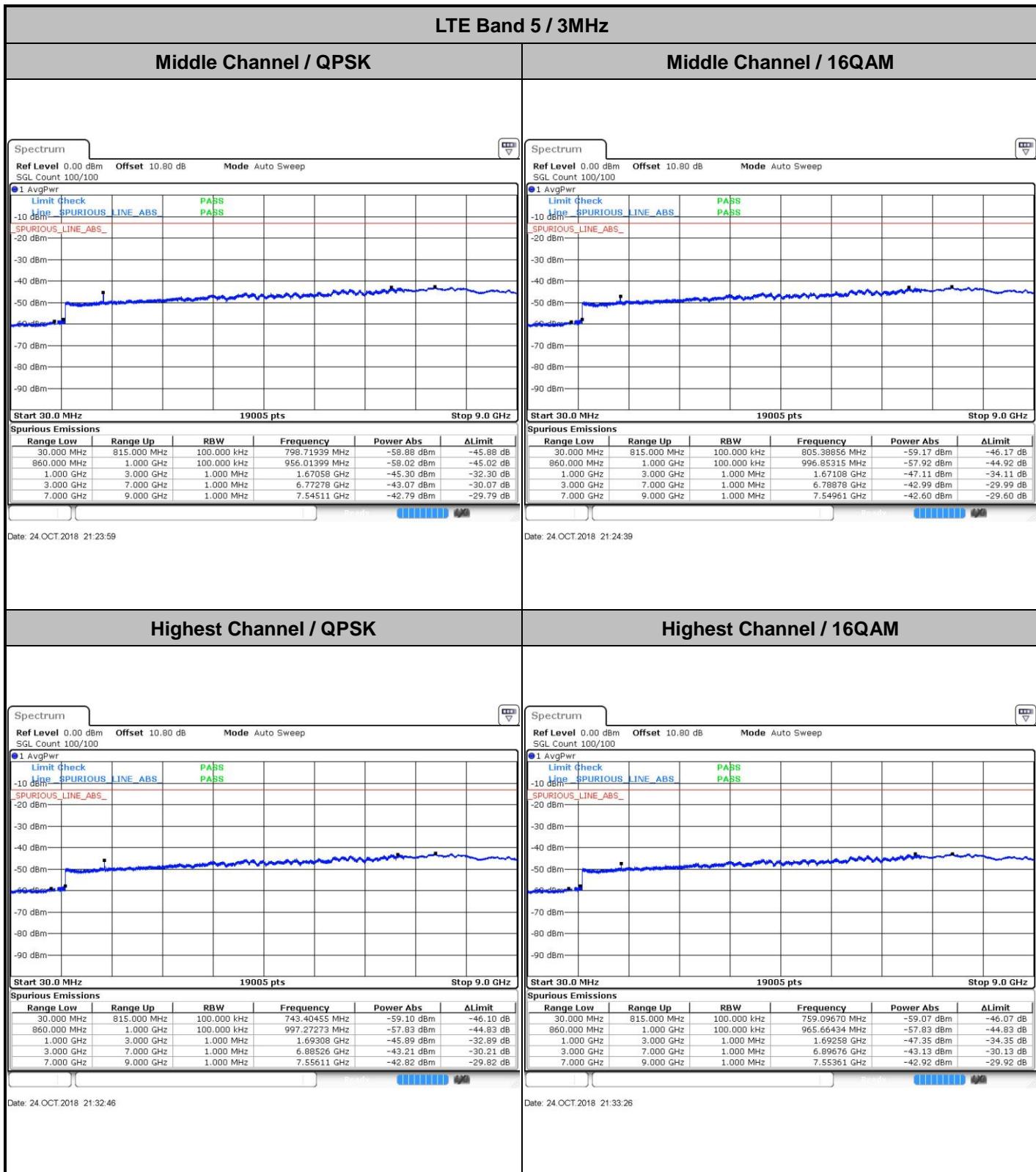


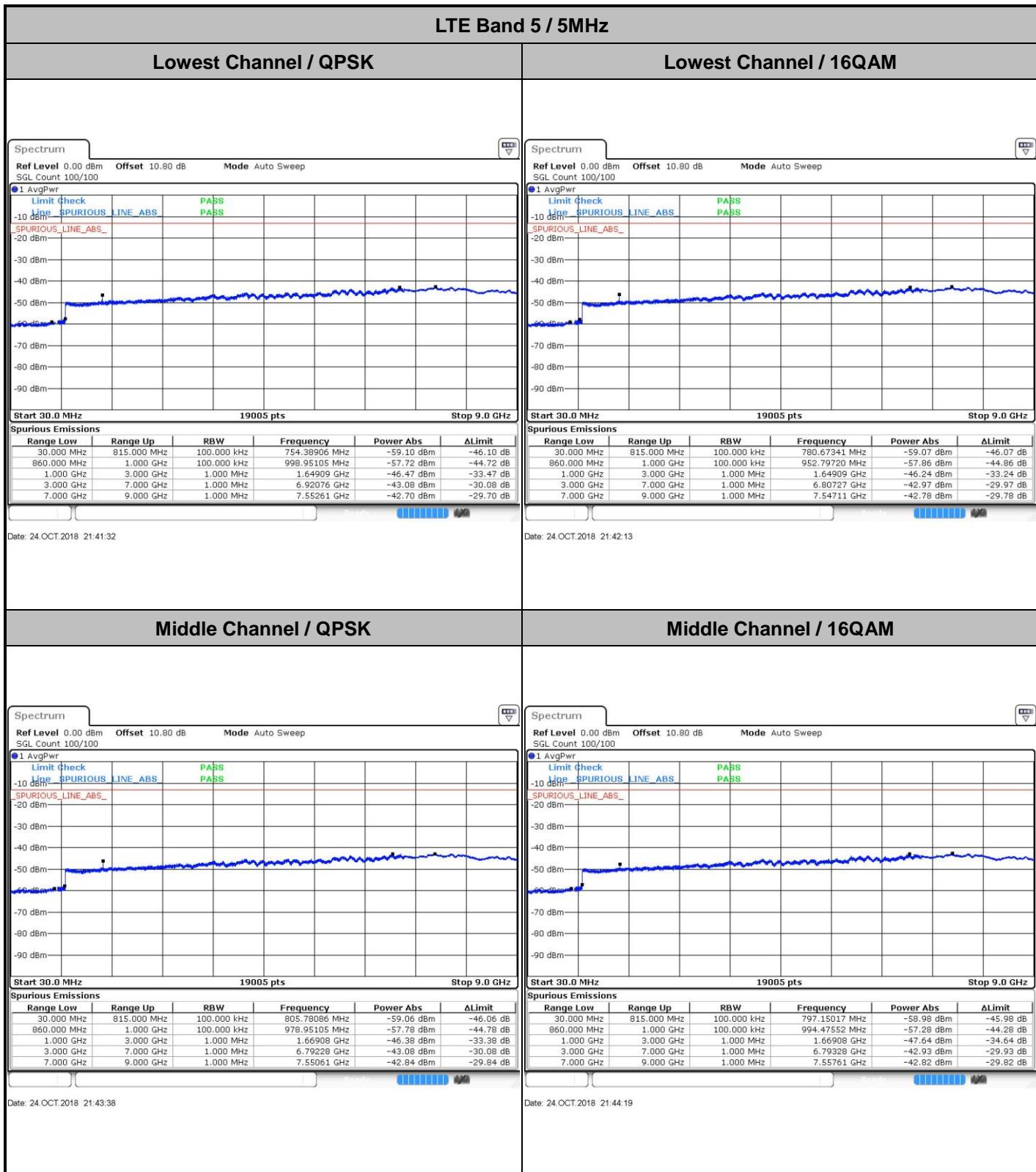
LTE Band 5 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





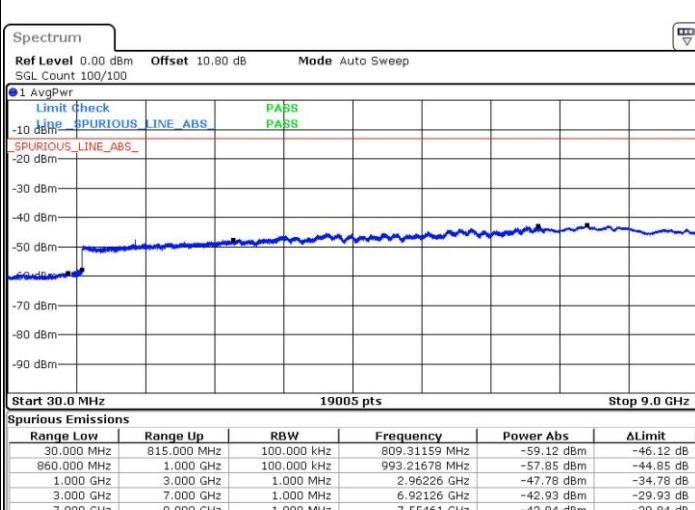
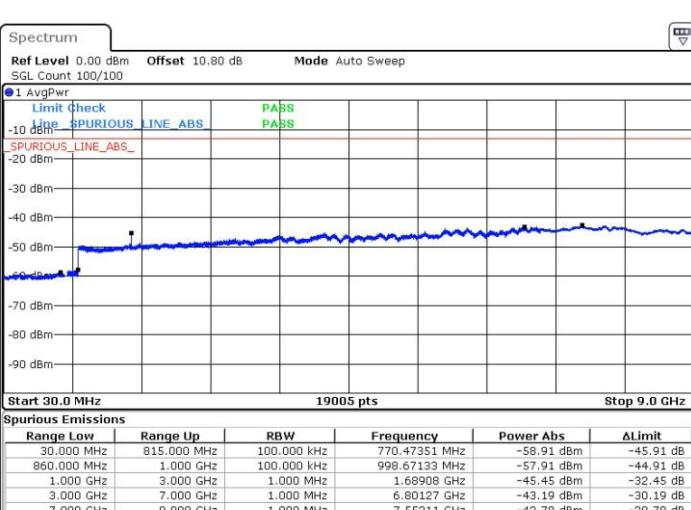




LTE Band 5 / 5MHz

Highest Channel / QPSK

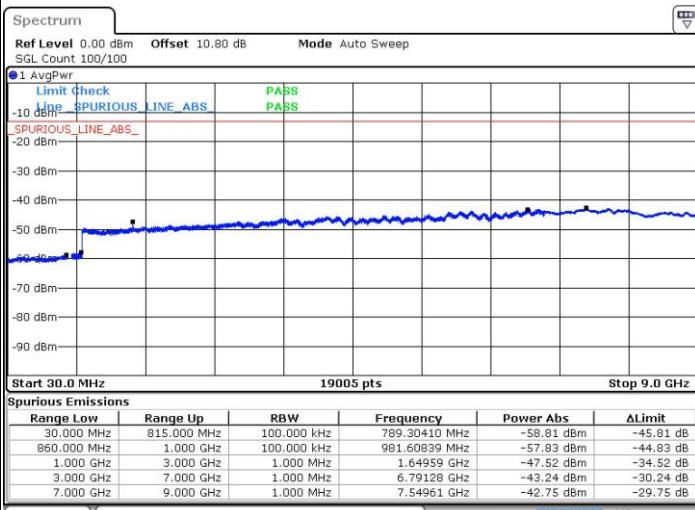
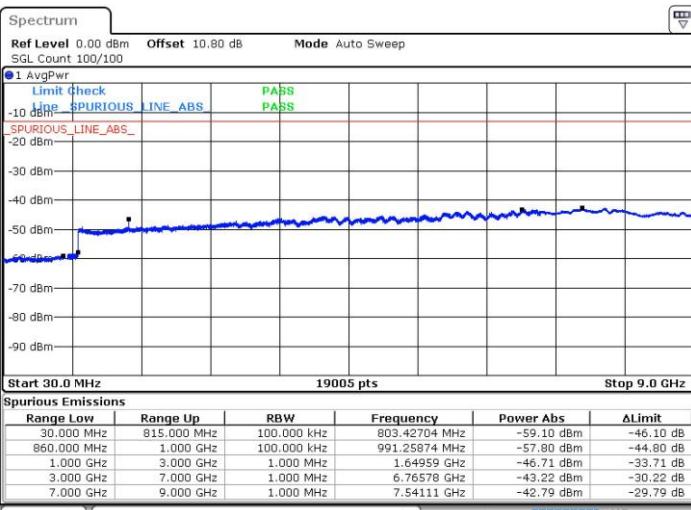
Highest Channel / 16QAM



LTE Band 5 / 10MHz

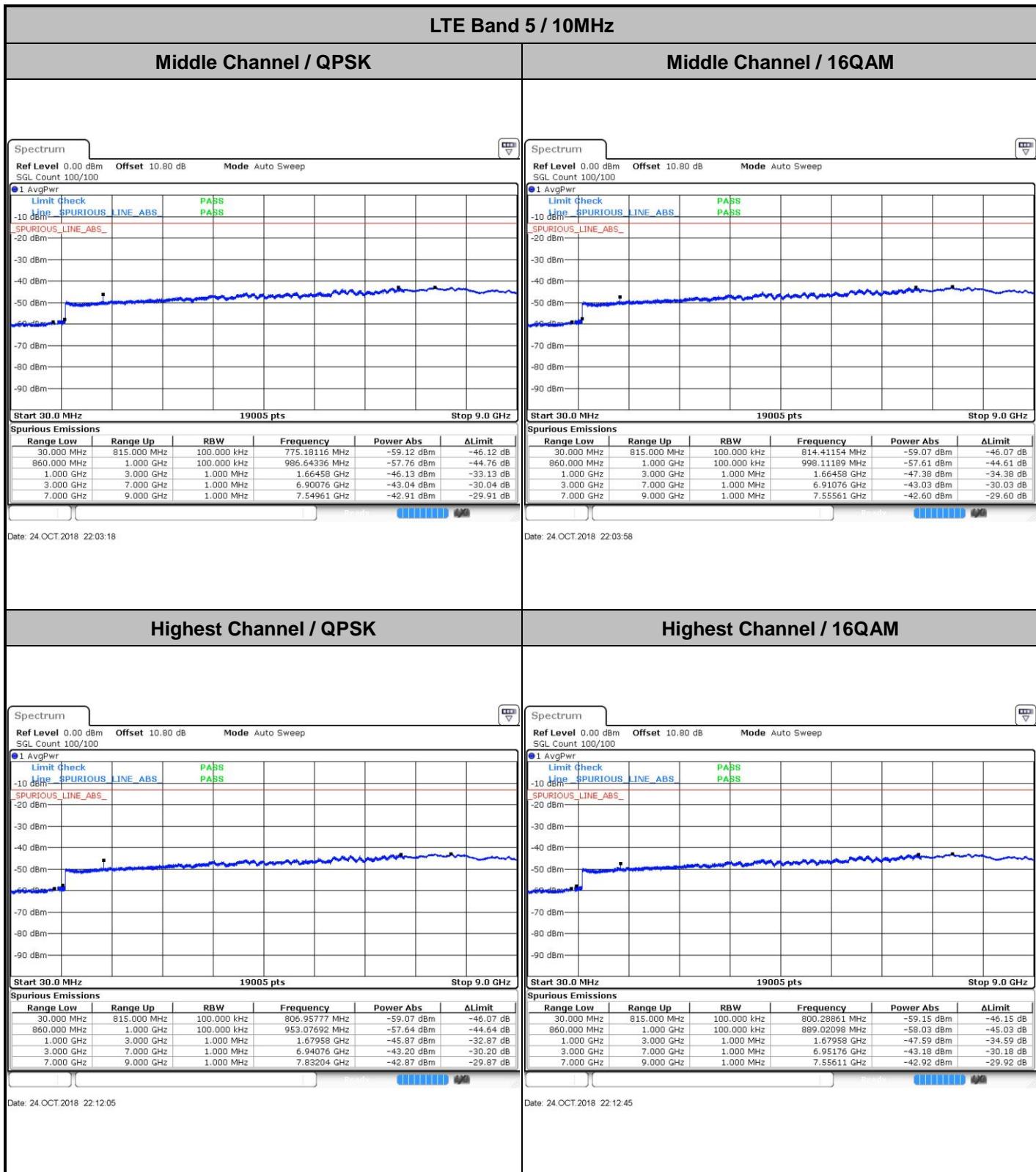
Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 24.OCT.2018 22:01:12

Date: 24.OCT.2018 22:01:52

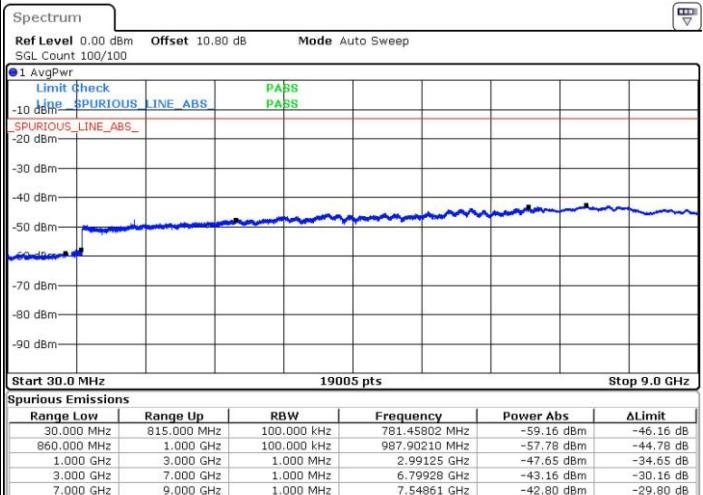
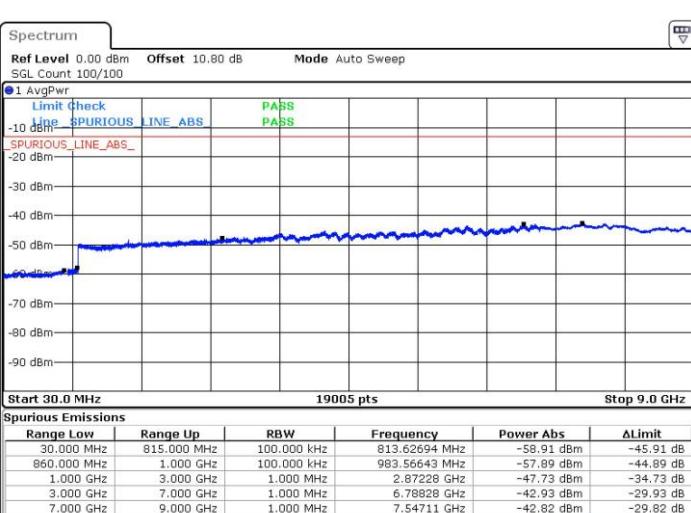




LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

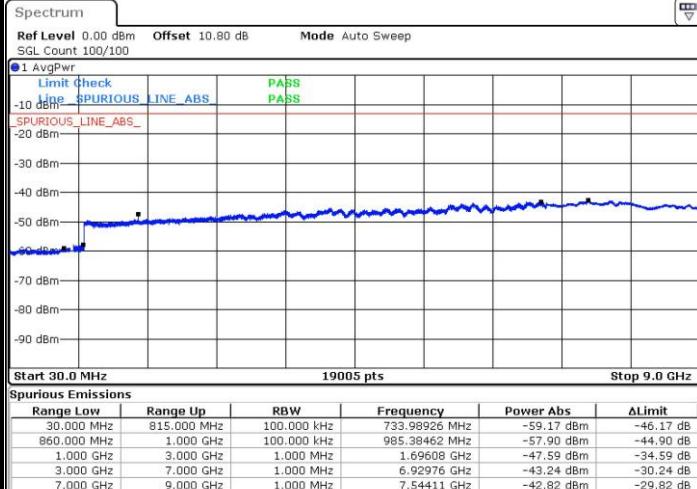
Middle Channel / 64QAM



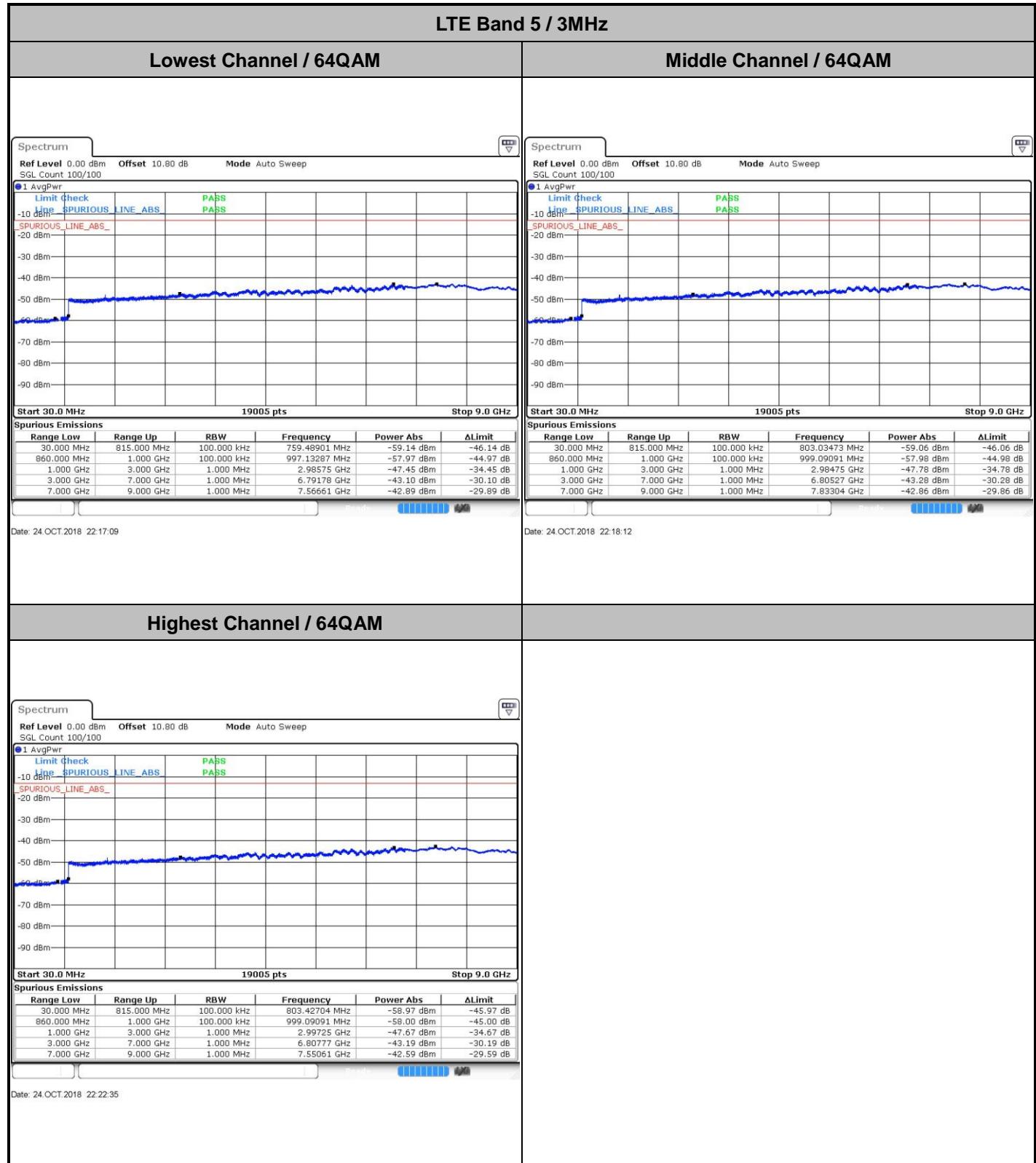
Date: 24.OCT.2018 22:46:38

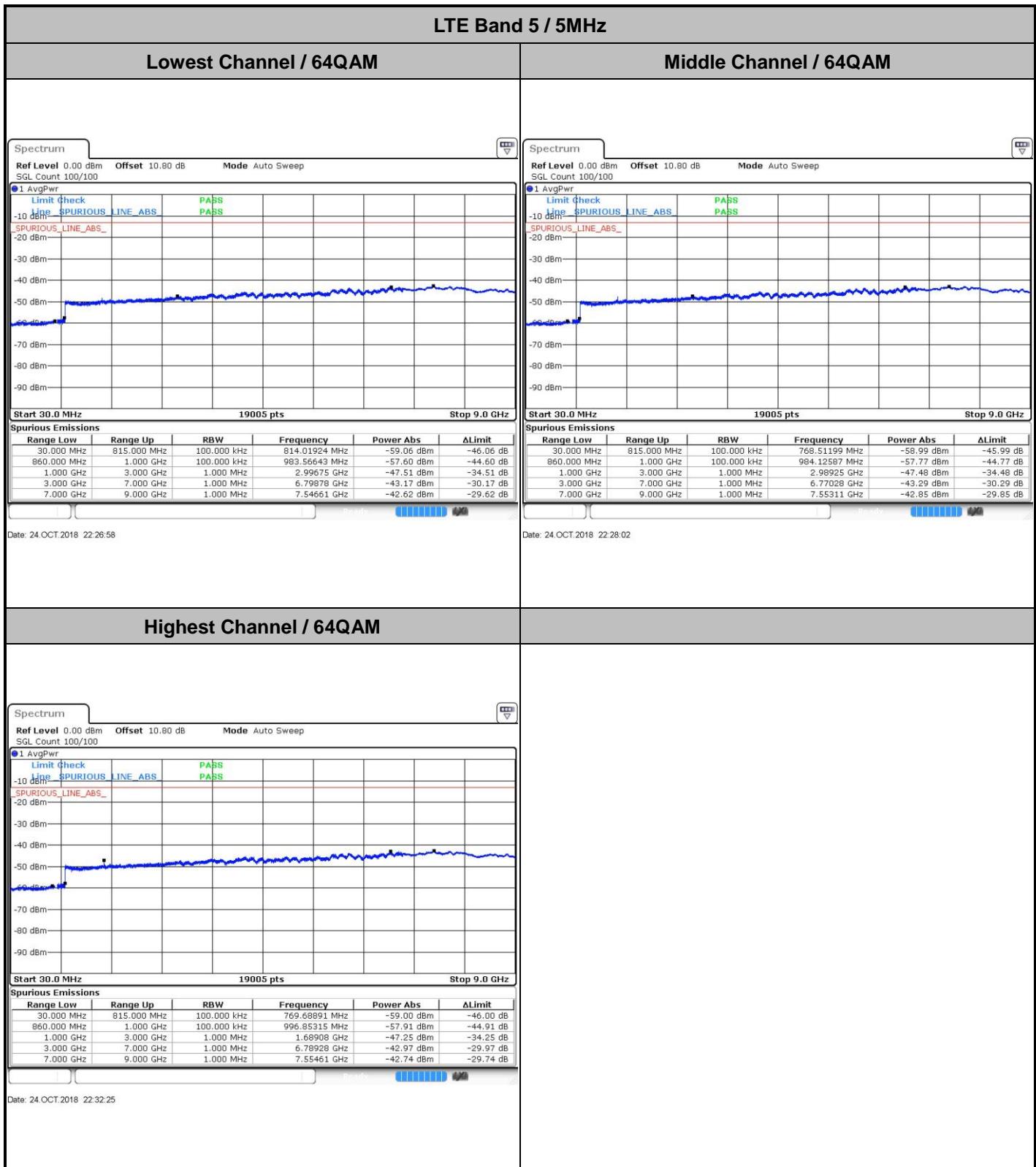
Date: 24.OCT.2018 22:53:08

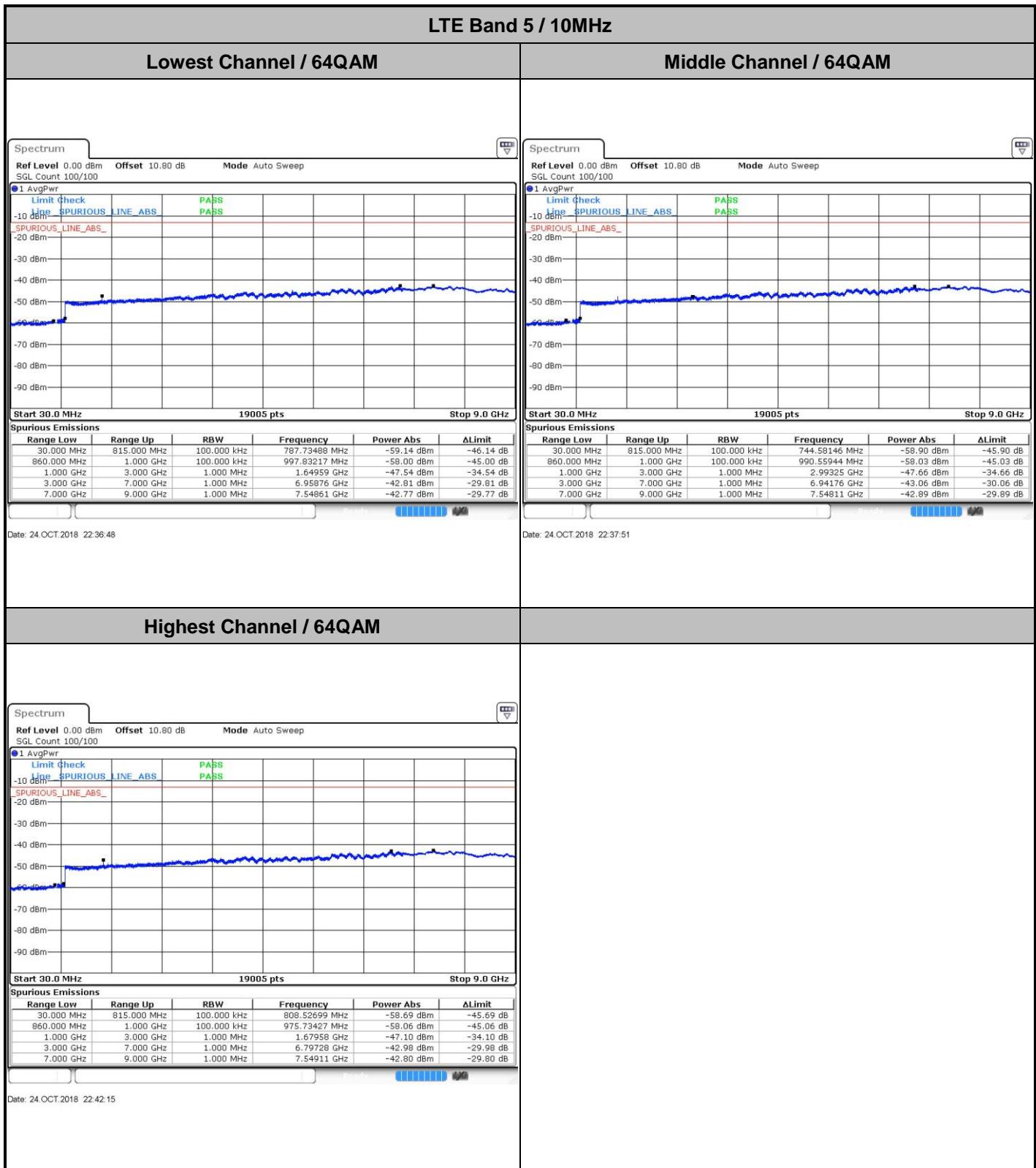
Highest Channel / 64QAM



Date: 24.OCT.2018 22:57:32









Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0075	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0079	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0084	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0103	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.06	4.96	5.01	5.88	PASS
Middle CH	4.46	4.87	5.65	5.88	
Highest CH	4.55	4.81	5.65	5.8	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.94	6.61	-	-	PASS
Middle CH	7.25	6.49	-	-	
Highest CH	6.64	6.35	-	-	

