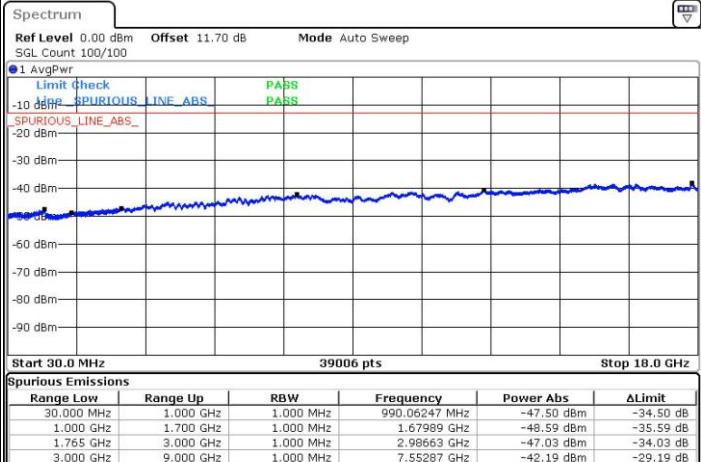
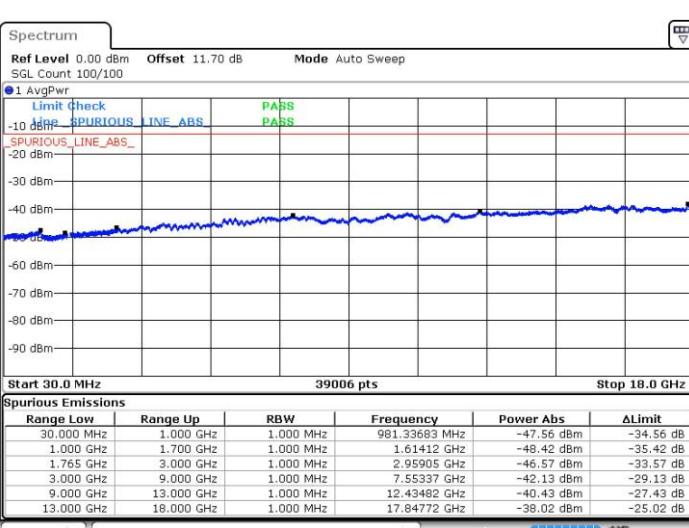




## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM



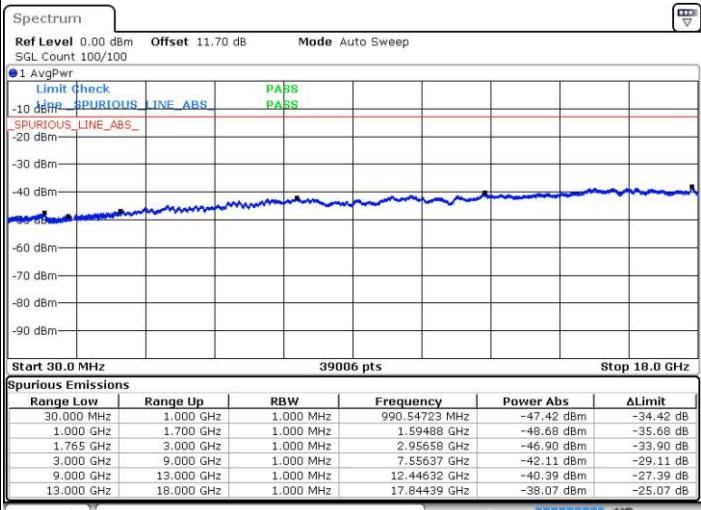
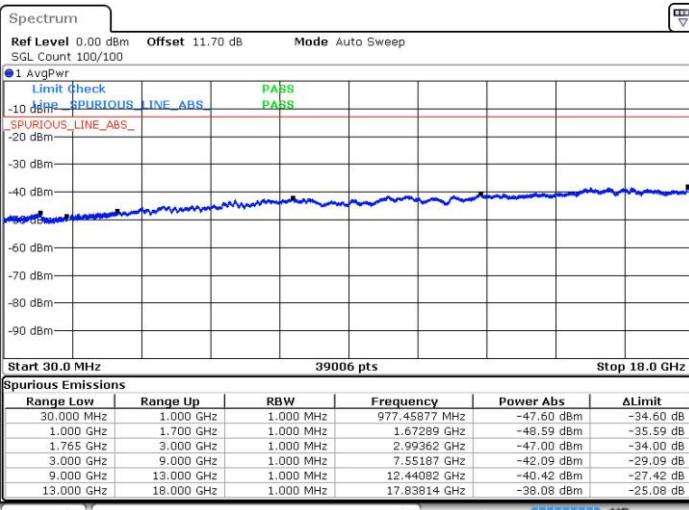
Date: 30.MAR.2019 08:04:00

Date: 30.MAR.2019 08:05:02

## LTE Band 4 / 3MHz

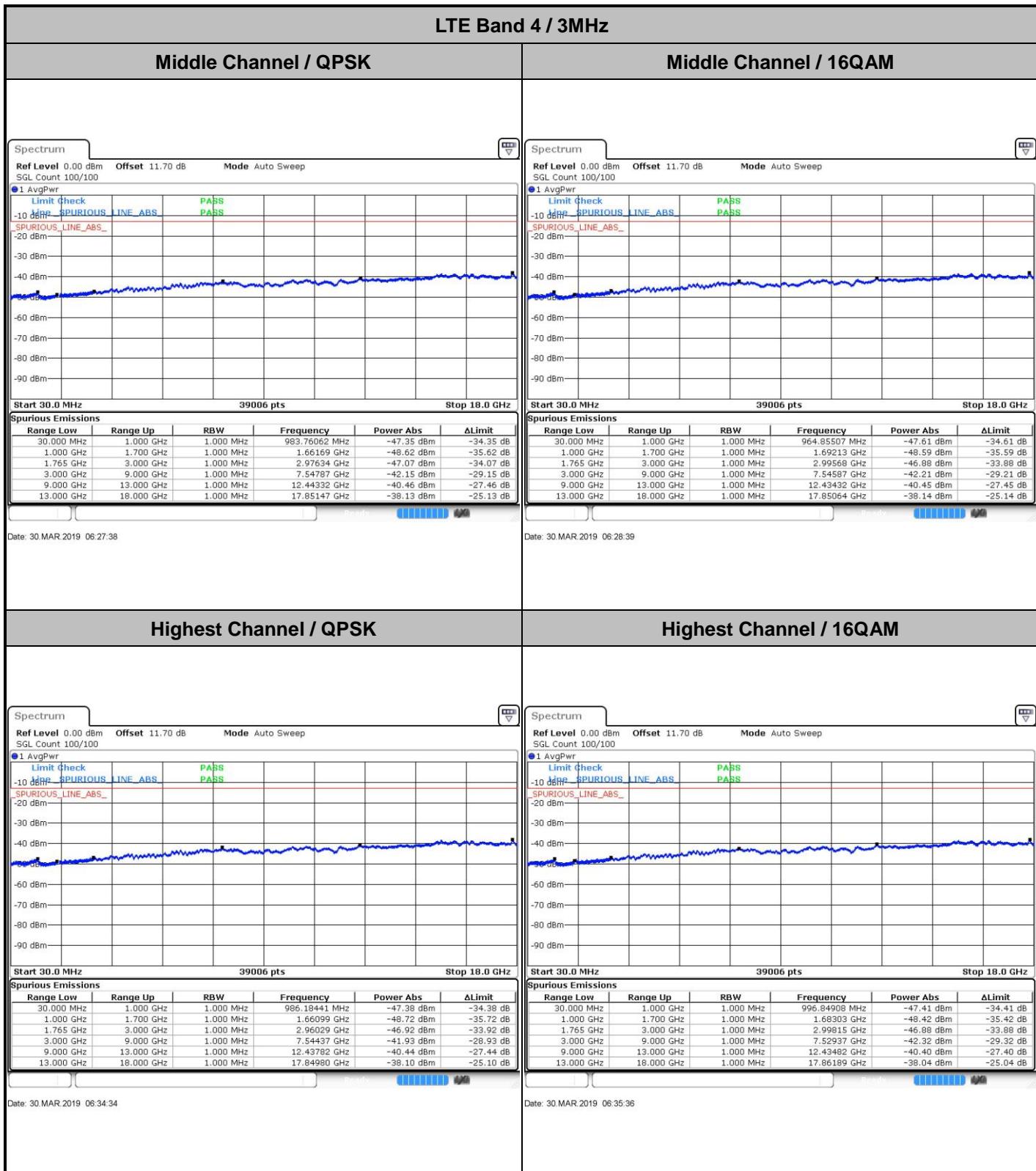
## Lowest Channel / QPSK

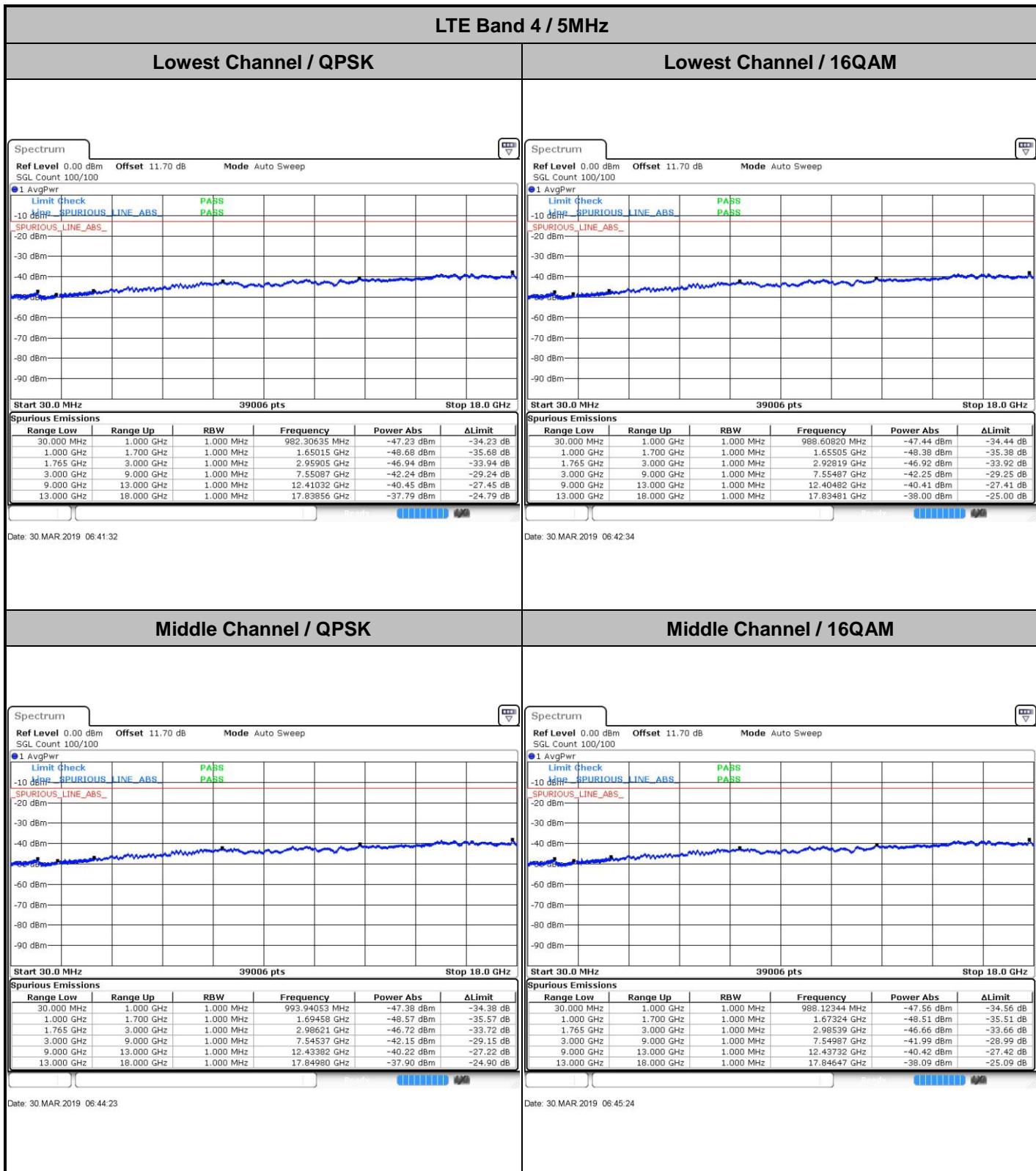
## Lowest Channel / 16QAM



Date: 30.MAR.2019 06:24:48

Date: 30.MAR.2019 06:25:50



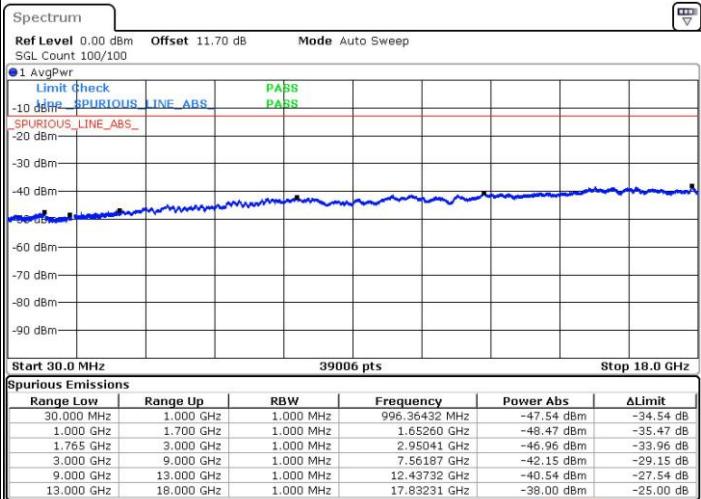
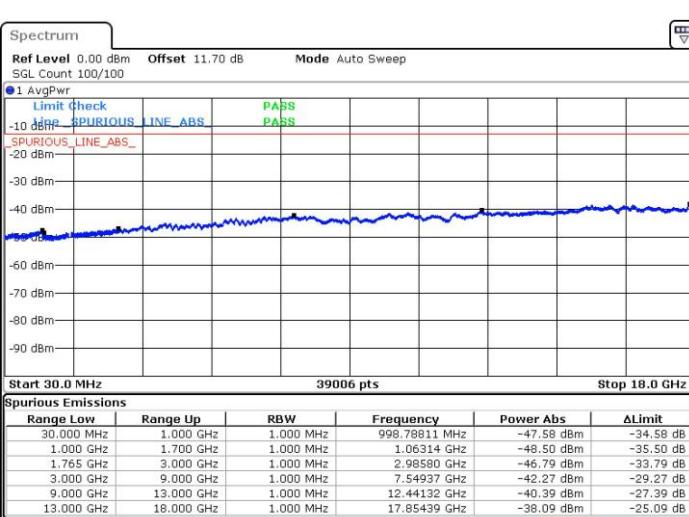




## LTE Band 4 / 5MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM

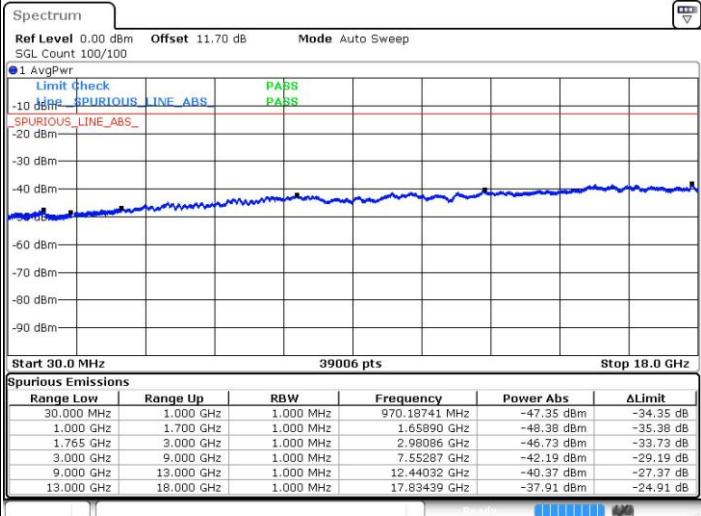
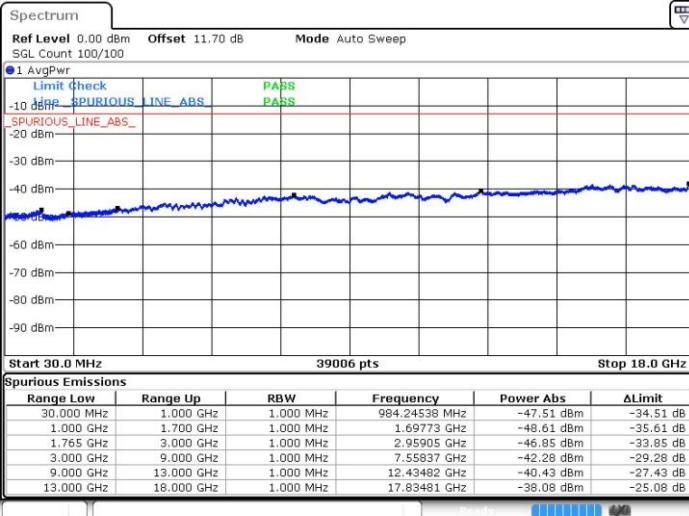


Date: 30.MAR.2019 06:51:19

## LTE Band 4 / 10MHz

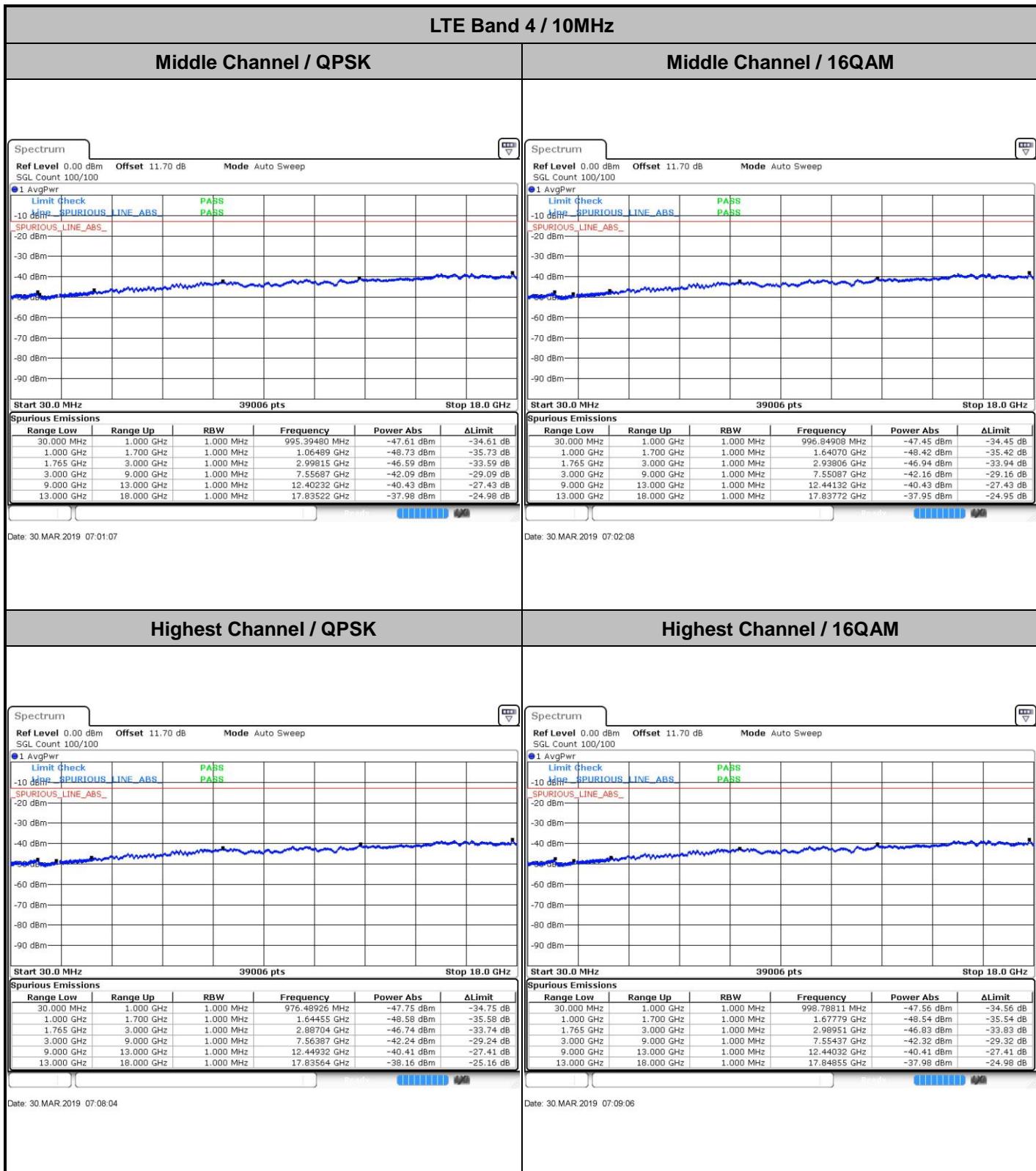
## Lowest Channel / QPSK

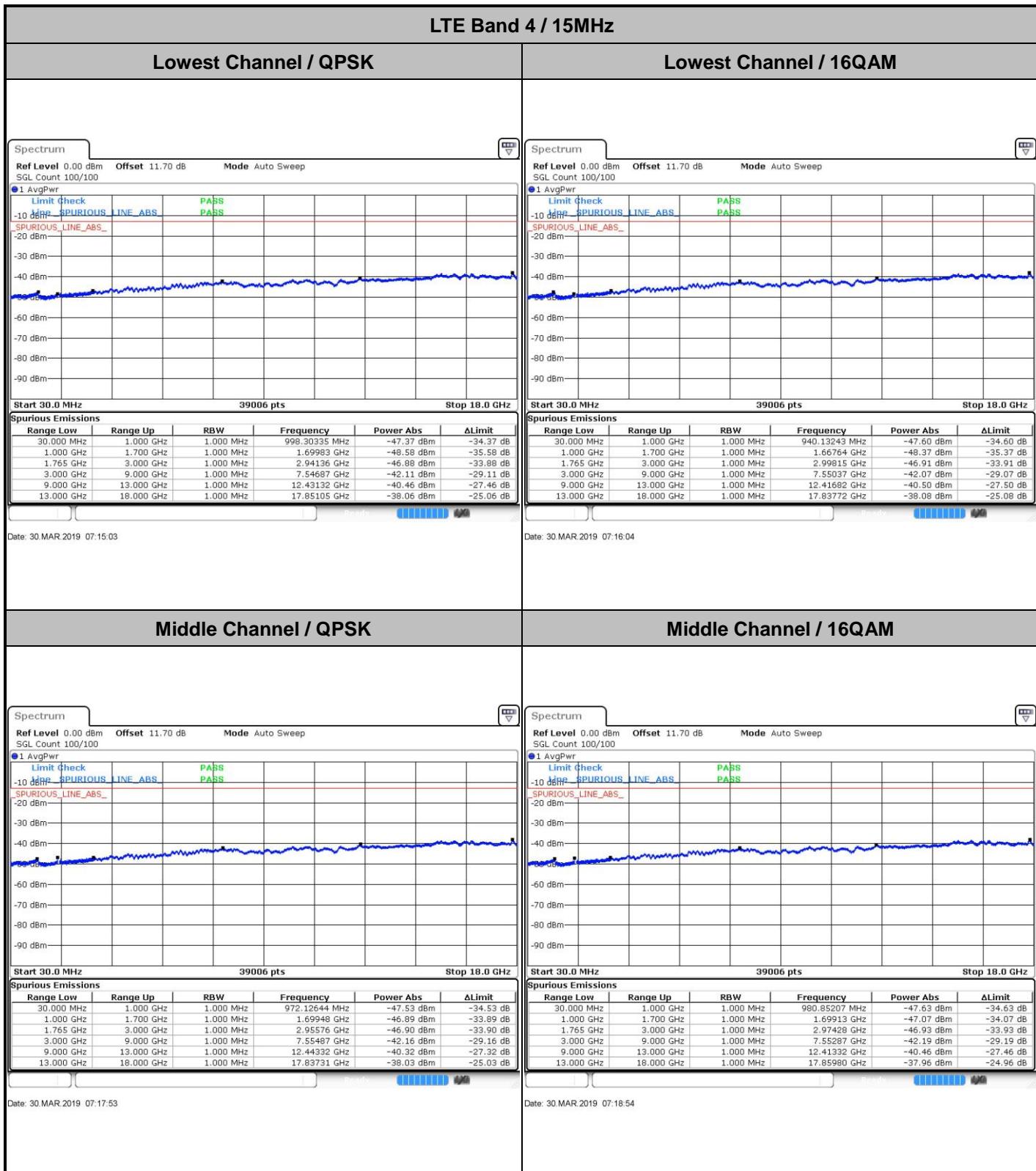
## Lowest Channel / 16QAM



Date: 30.MAR.2019 06:58:17

Date: 30.MAR.2019 06:59:18



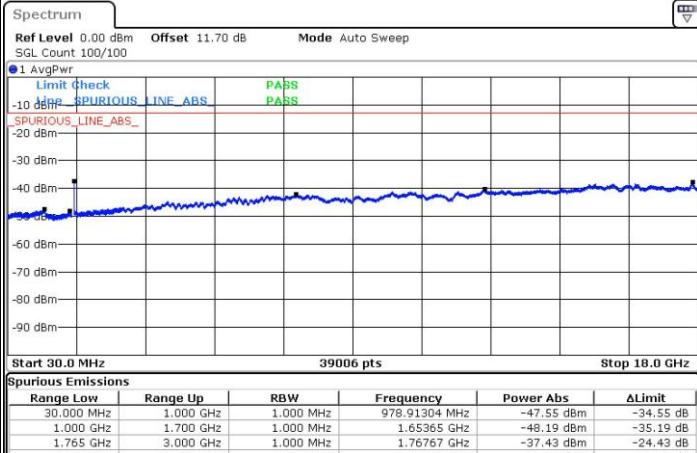
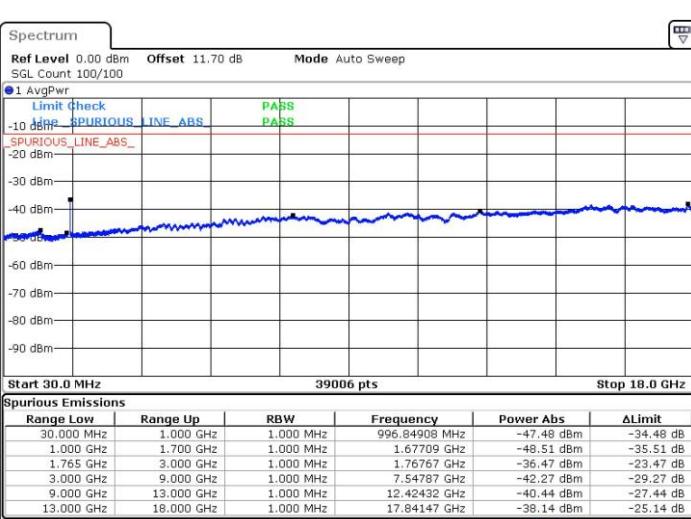




## LTE Band 4 / 15MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM



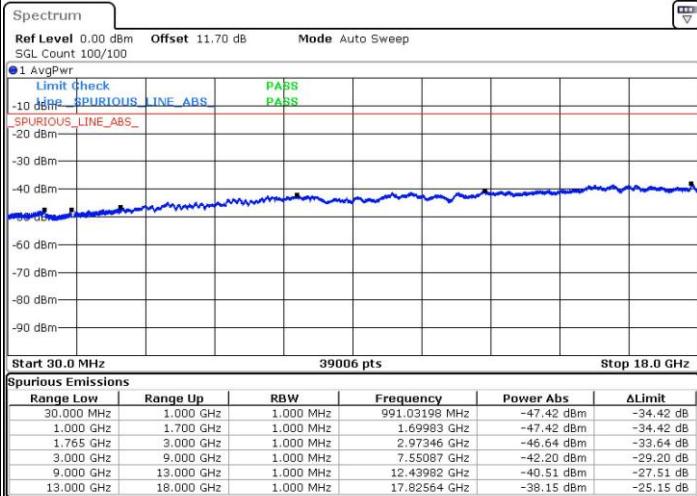
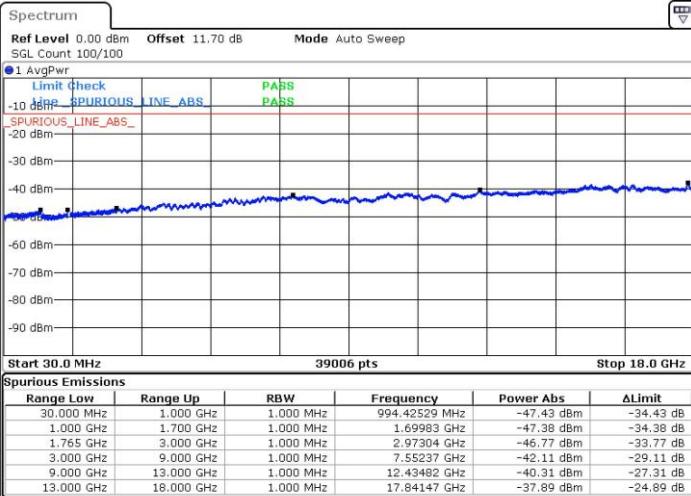
Date: 30.MAR.2019 07:24:49

Date: 30.MAR.2019 07:25:51

## LTE Band 4 / 20MHz

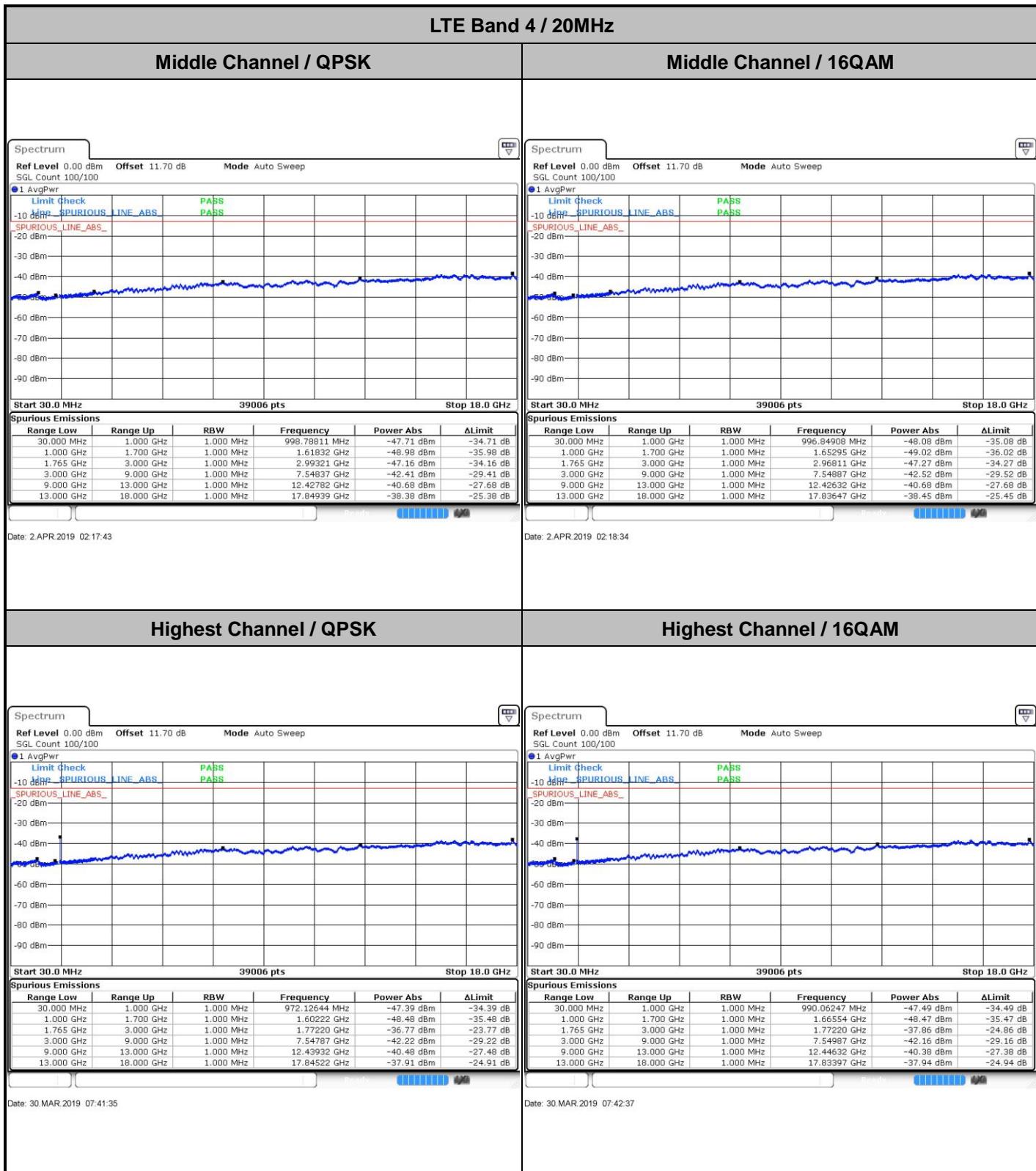
## Lowest Channel / QPSK

## Lowest Channel / 16QAM



Date: 30.MAR.2019 07:31:48

Date: 30.MAR.2019 07:32:49

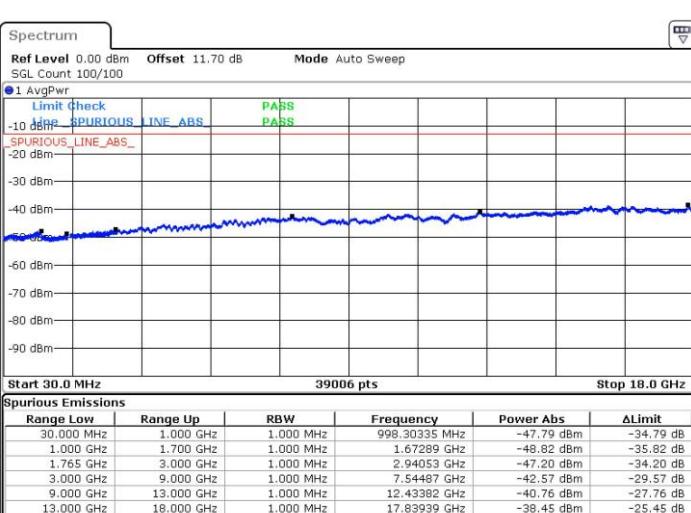




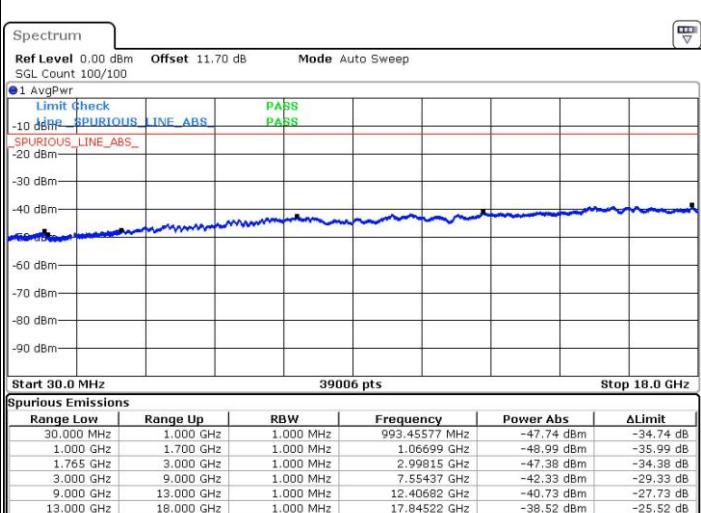
## LTE Band 4 / 1.4MHz

## Lowest Channel / 64QAM

## Middle Channel / 64QAM

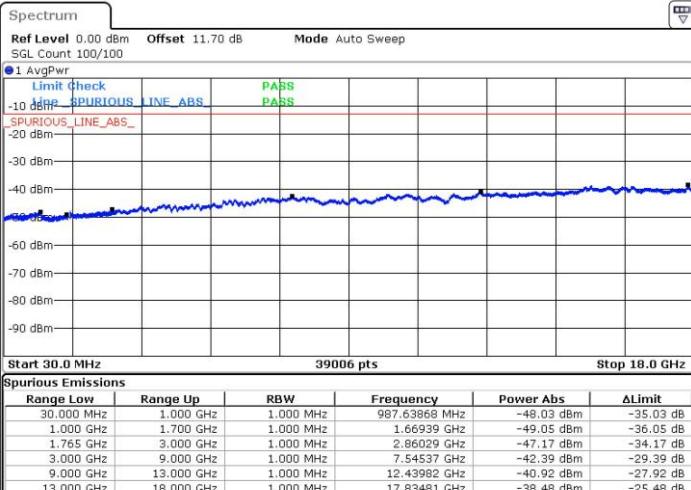


Date: 2 APR 2019 02:04:05

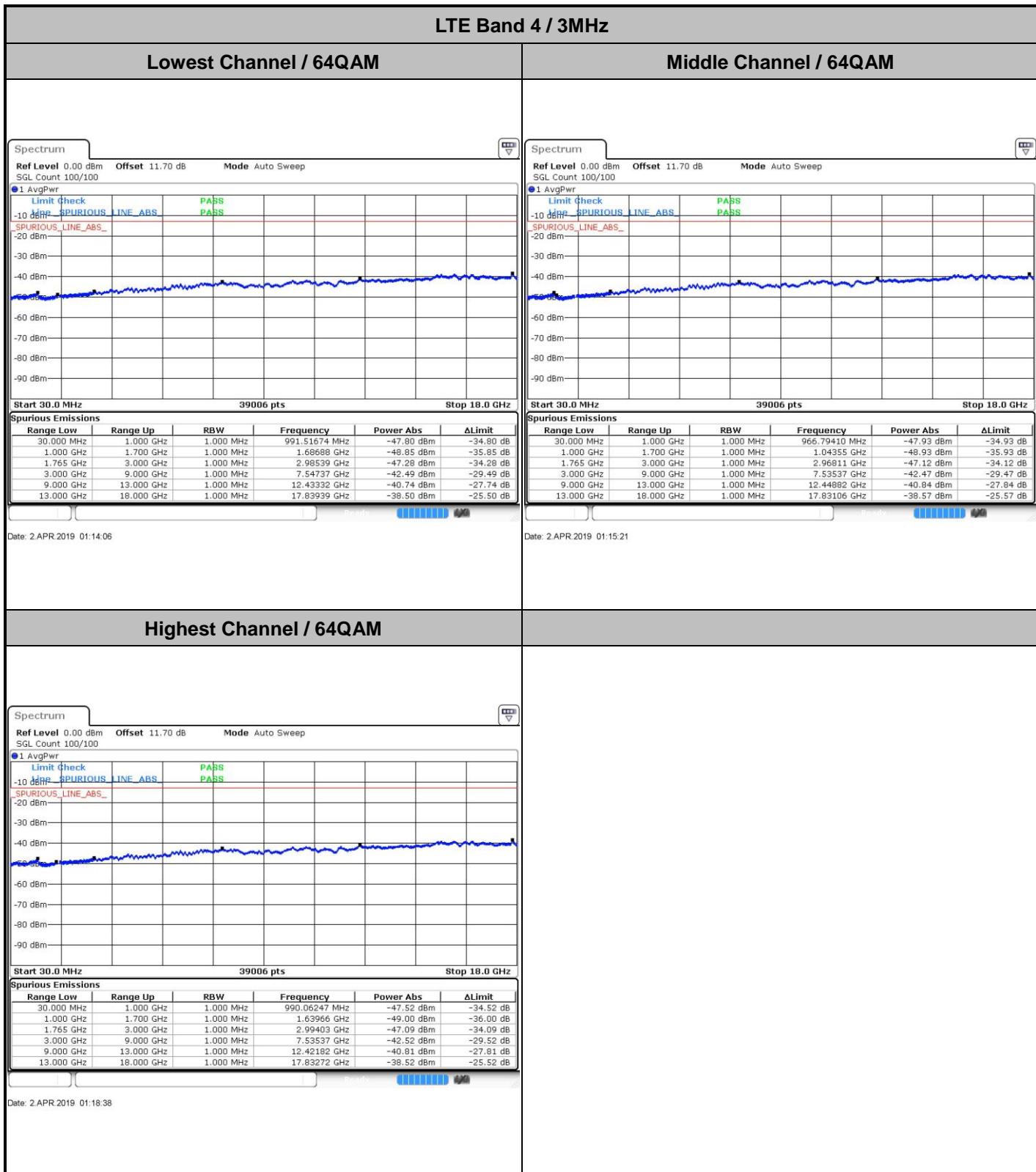


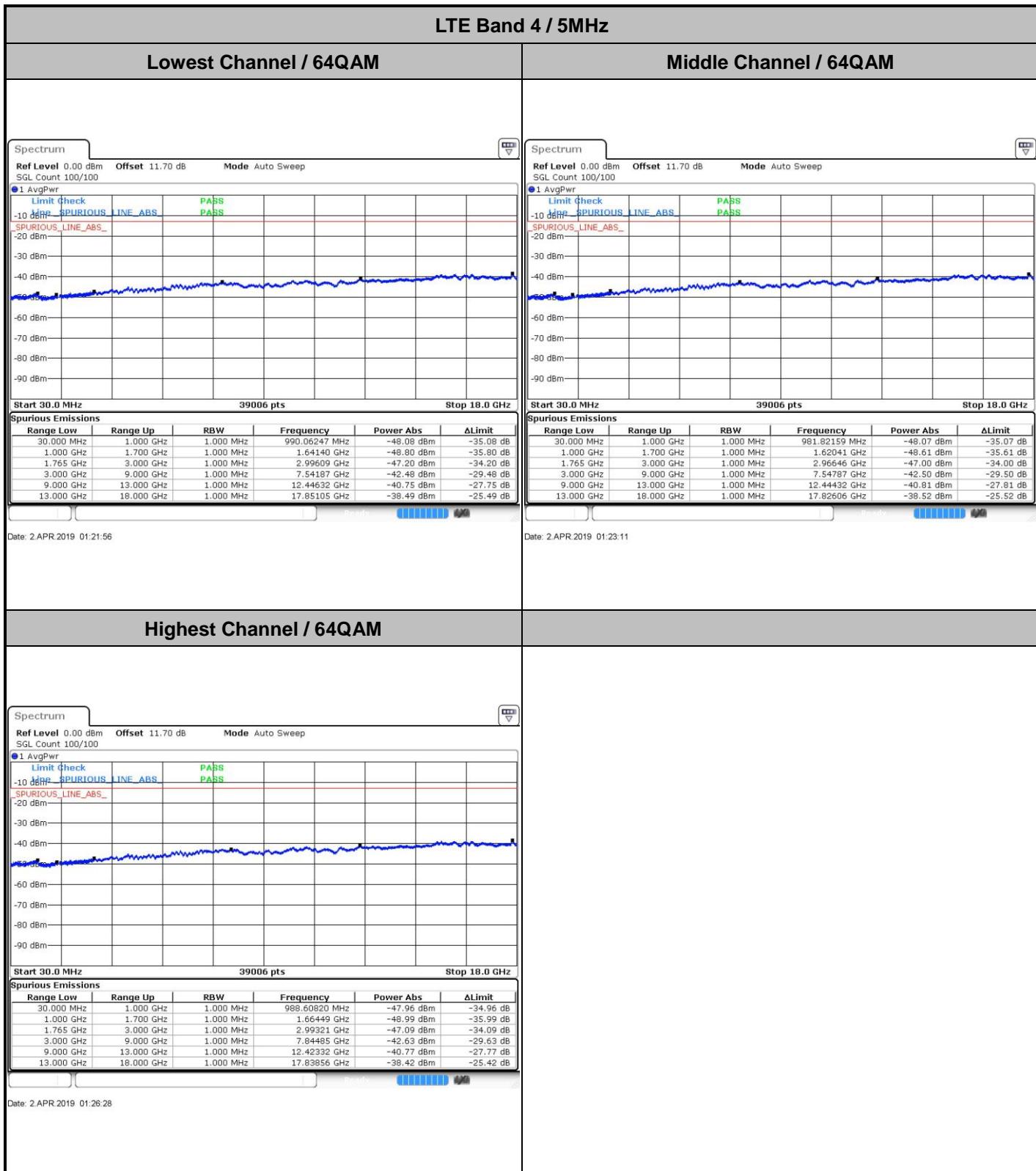
Date: 2 APR 2019 02:05:20

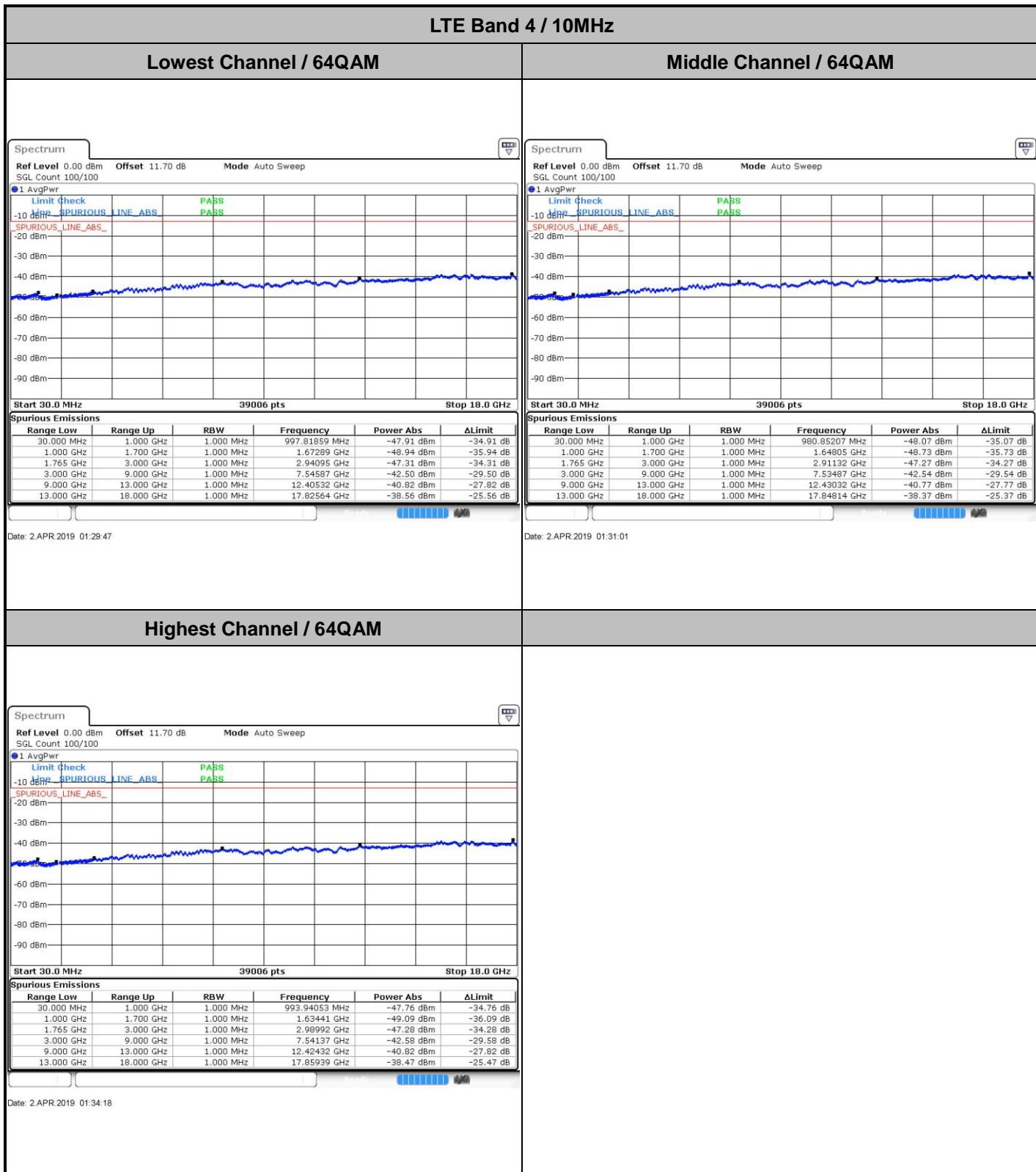
## Highest Channel / 64QAM

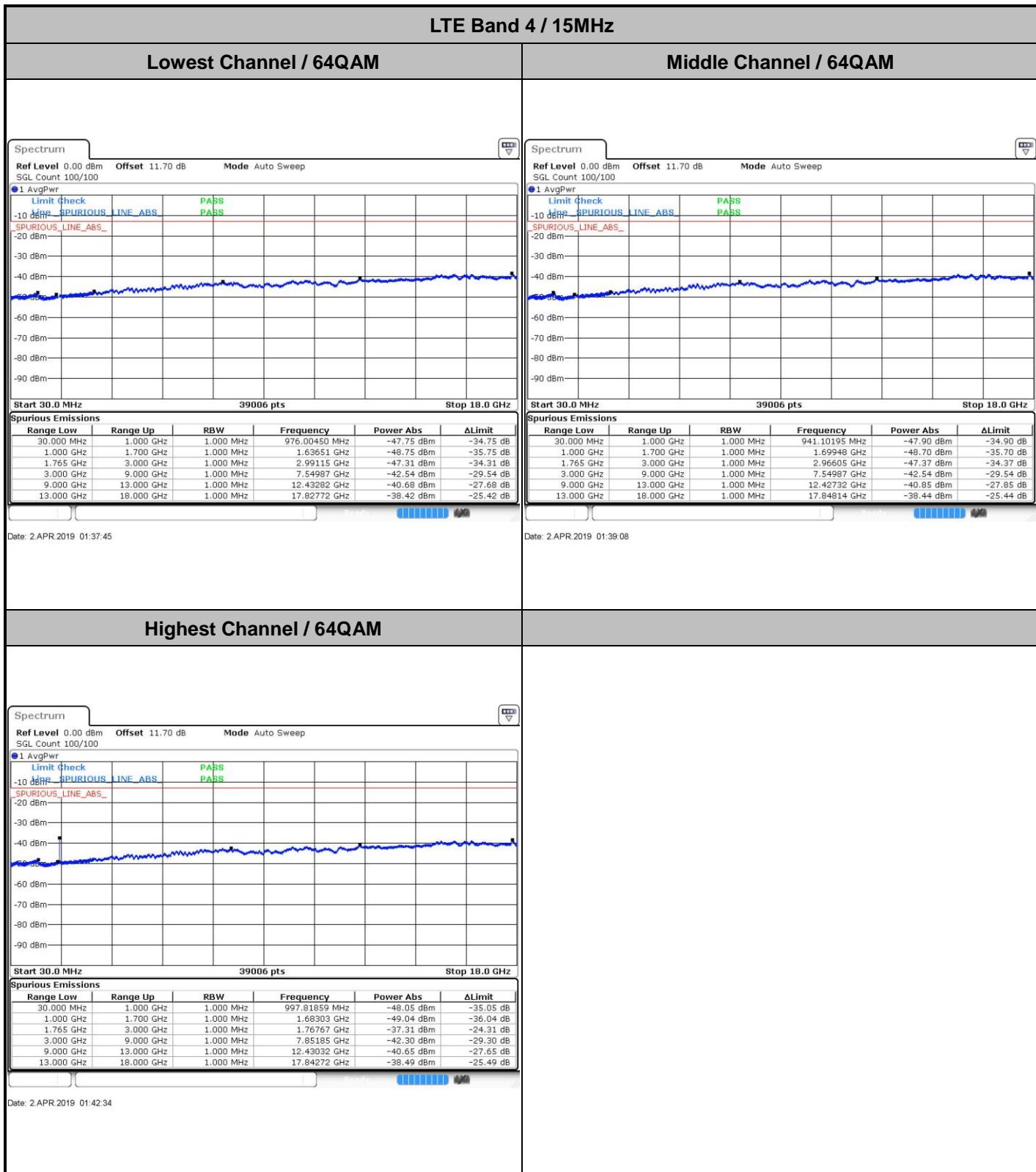


Date: 2 APR 2019 02:08:44













## 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	0.0002	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

**Note:**

1. Normal Voltage =7.6 V. ; Battery End Point (BEP) =7.0 V. ; Maximum Voltage =8.7 V.
2. 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	3.51	4.52	4.87	5.71	PASS
Middle CH	3.16	4.72	4.43	5.86	
Highest CH	3.68	4.81	5.13	6.00	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.35	6.23	-	-	PASS
Middle CH	5.83	6.49	-	-	
Highest CH	6.99	6.58	-	-	

