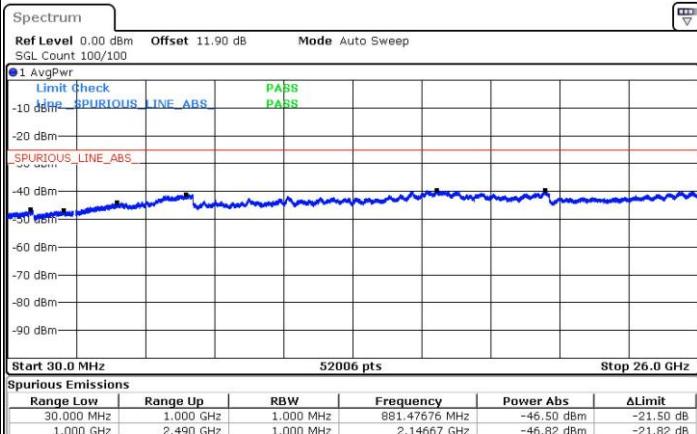
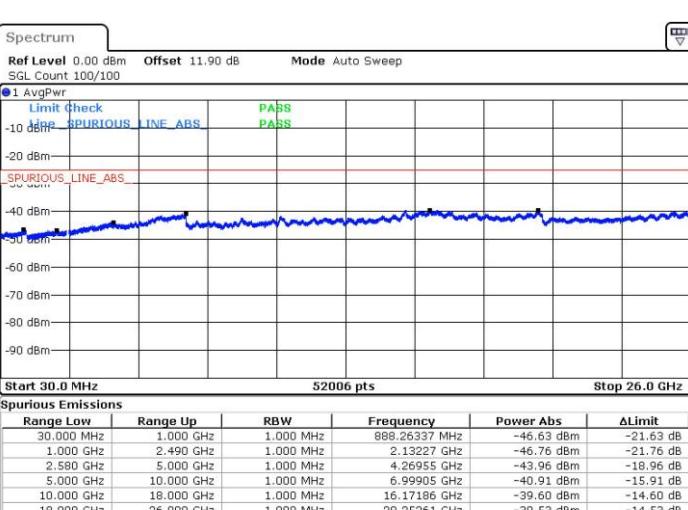




## LTE Band 7 / 5MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM

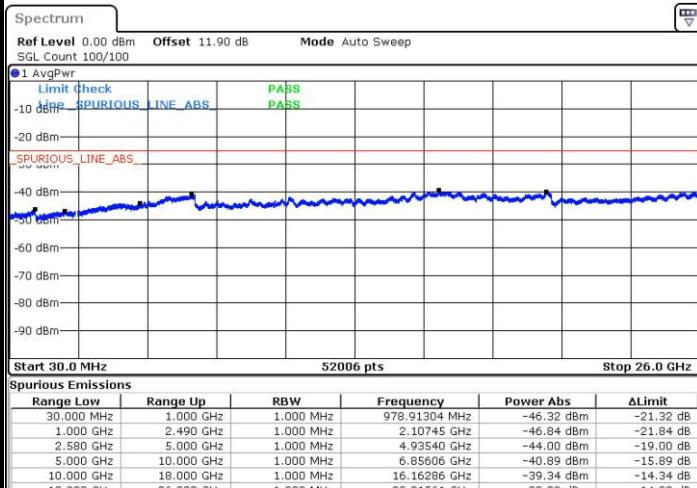


Date: 31.MAR.2018 08:40:14

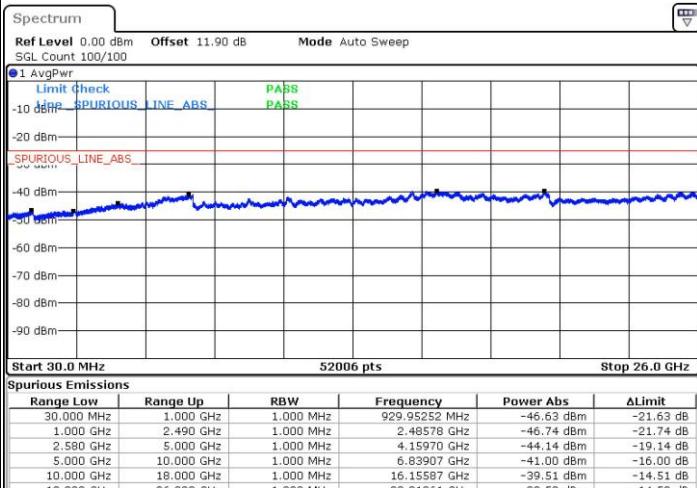
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK

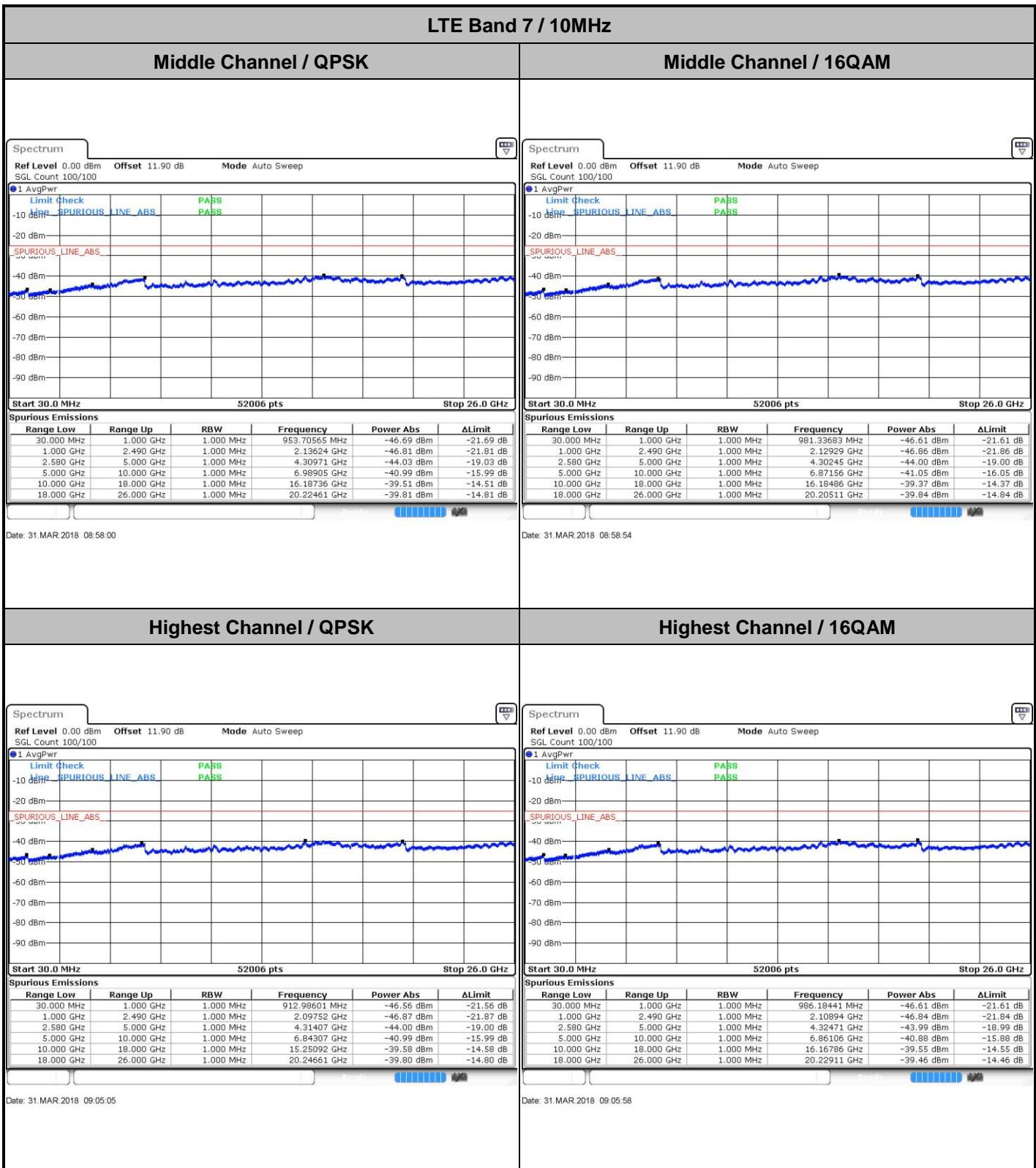
## Lowest Channel / 16QAM

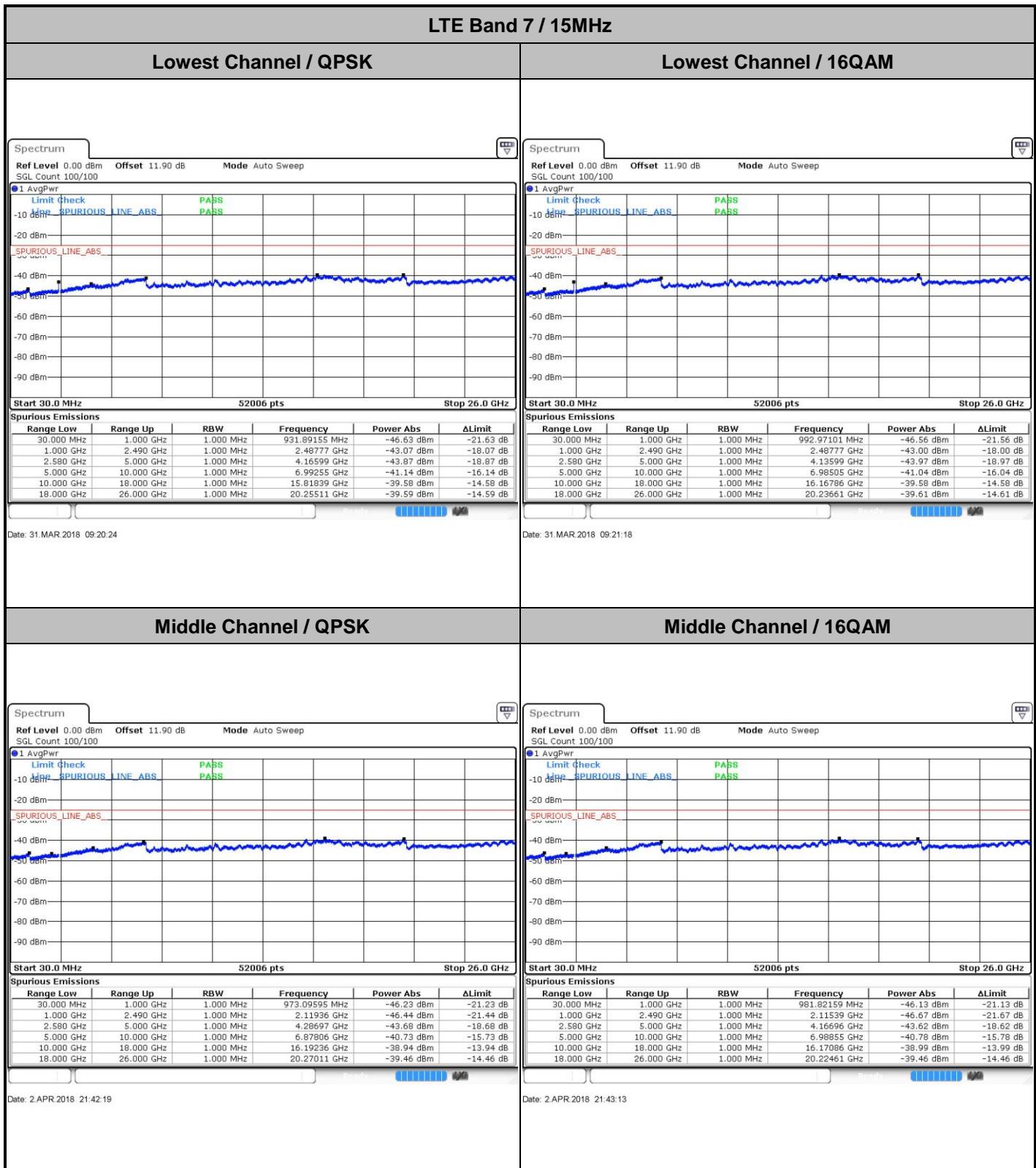


Date: 31.MAR.2018 08:55:32



Date: 31.MAR.2018 08:56:25



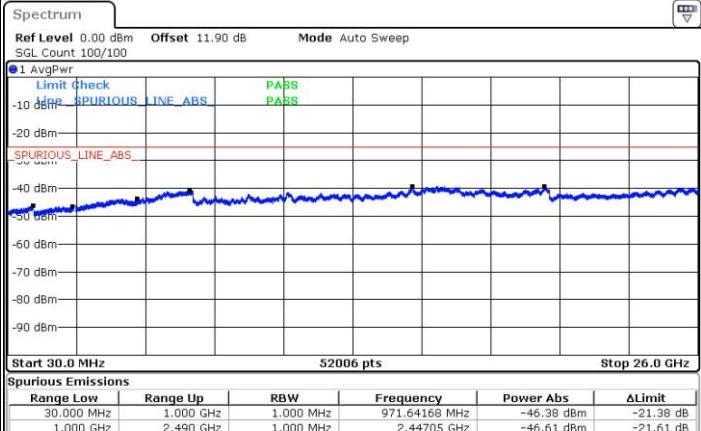
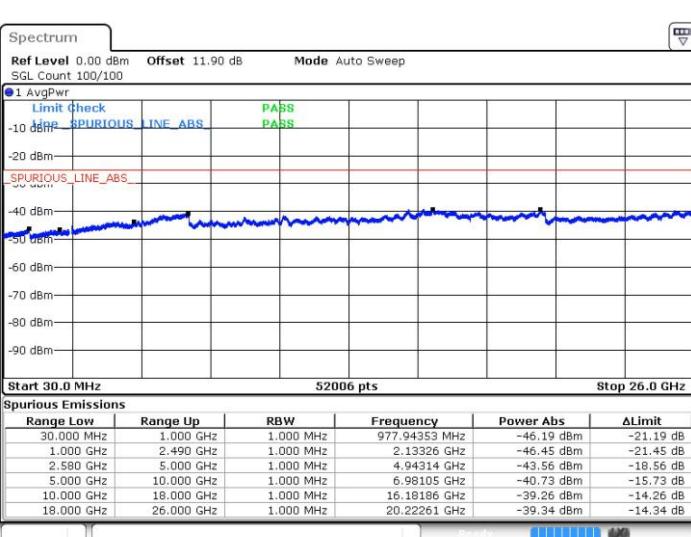




## LTE Band7 / 15MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM



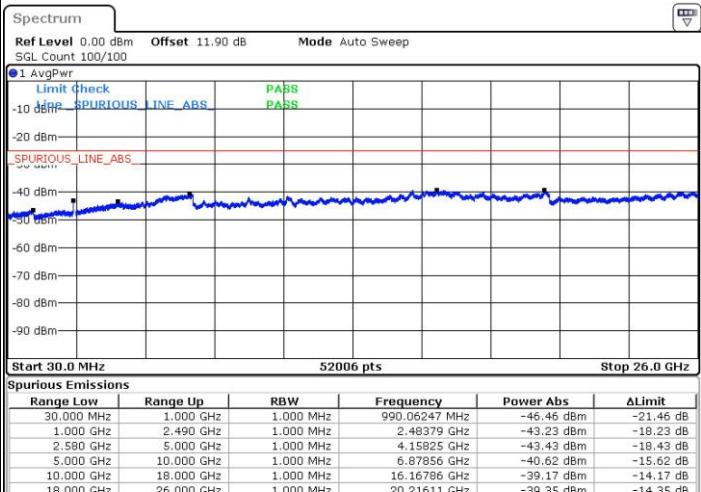
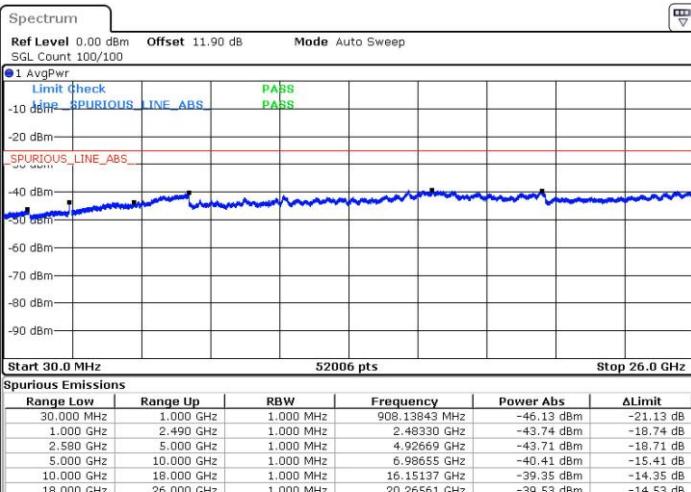
Date: 2 APR 2018 21:49:20

Date: 2 APR 2018 21:50:14

## LTE Band 7 / 20MHz

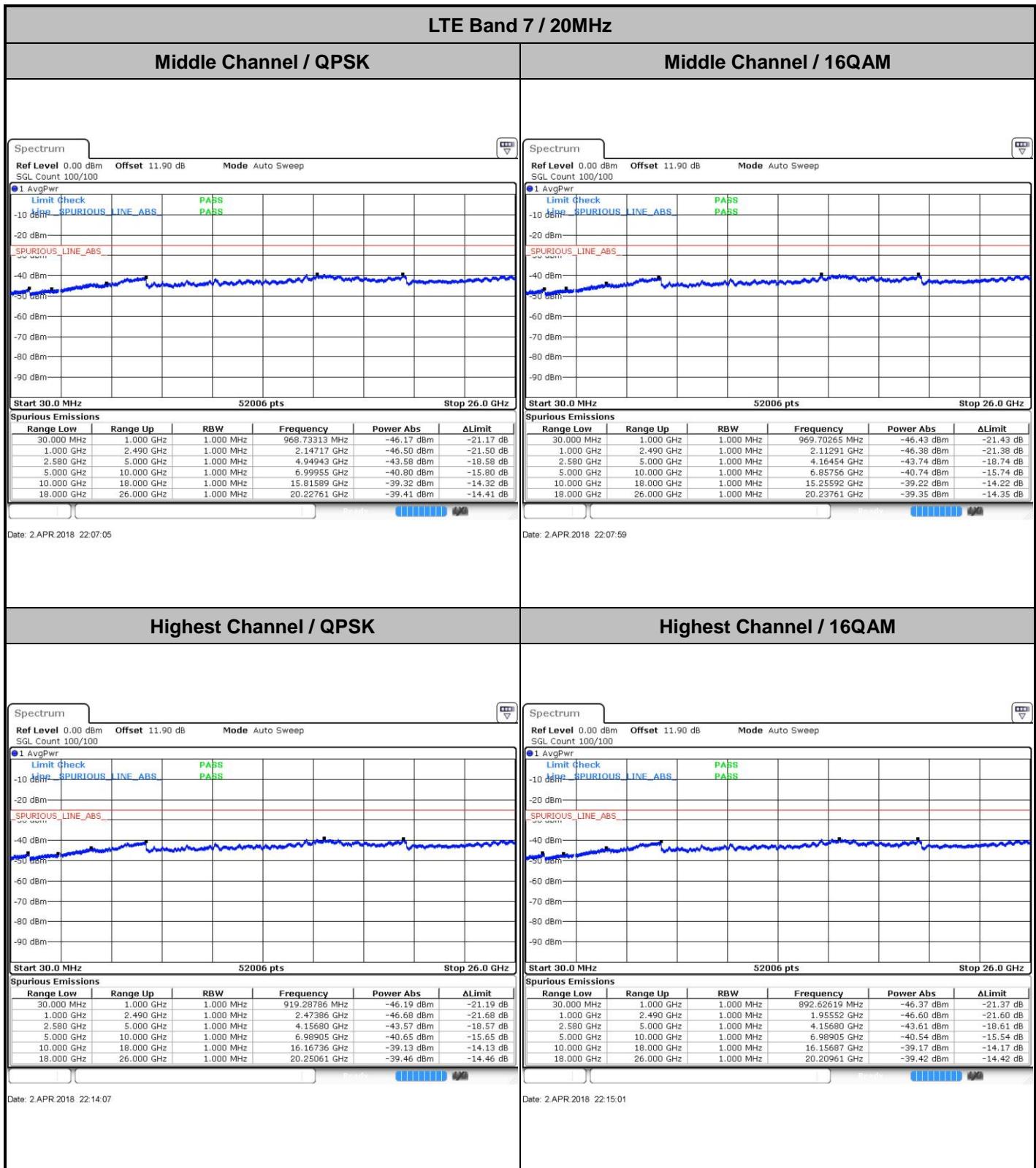
## Lowest Channel / QPSK

## Lowest Channel / 16QAM



Date: 2 APR 2018 22:04:37

Date: 2 APR 2018 22:05:31

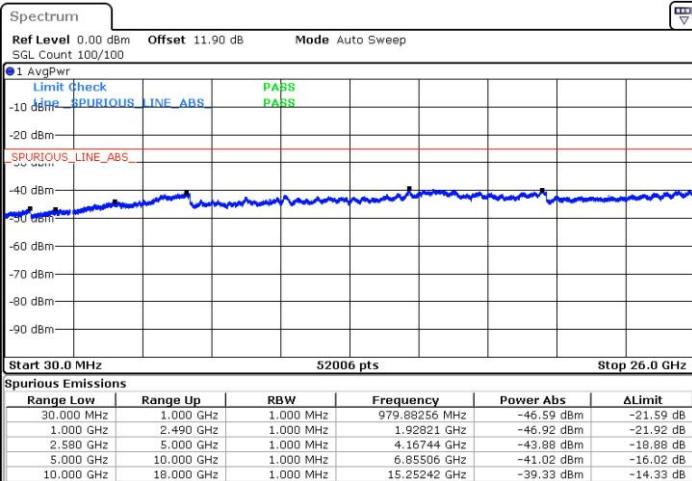




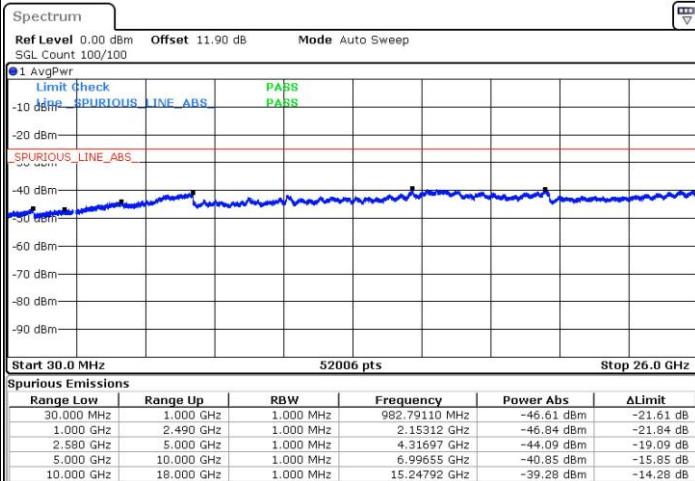
## LTE Band 7 / 5MHz

## Lowest Channel / 64QAM

## Middle Channel / 64QAM

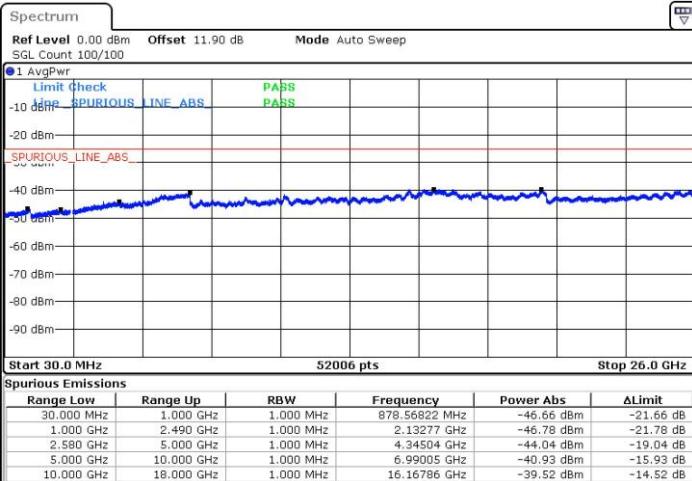


Date: 31.MAR.2018 08:44:39

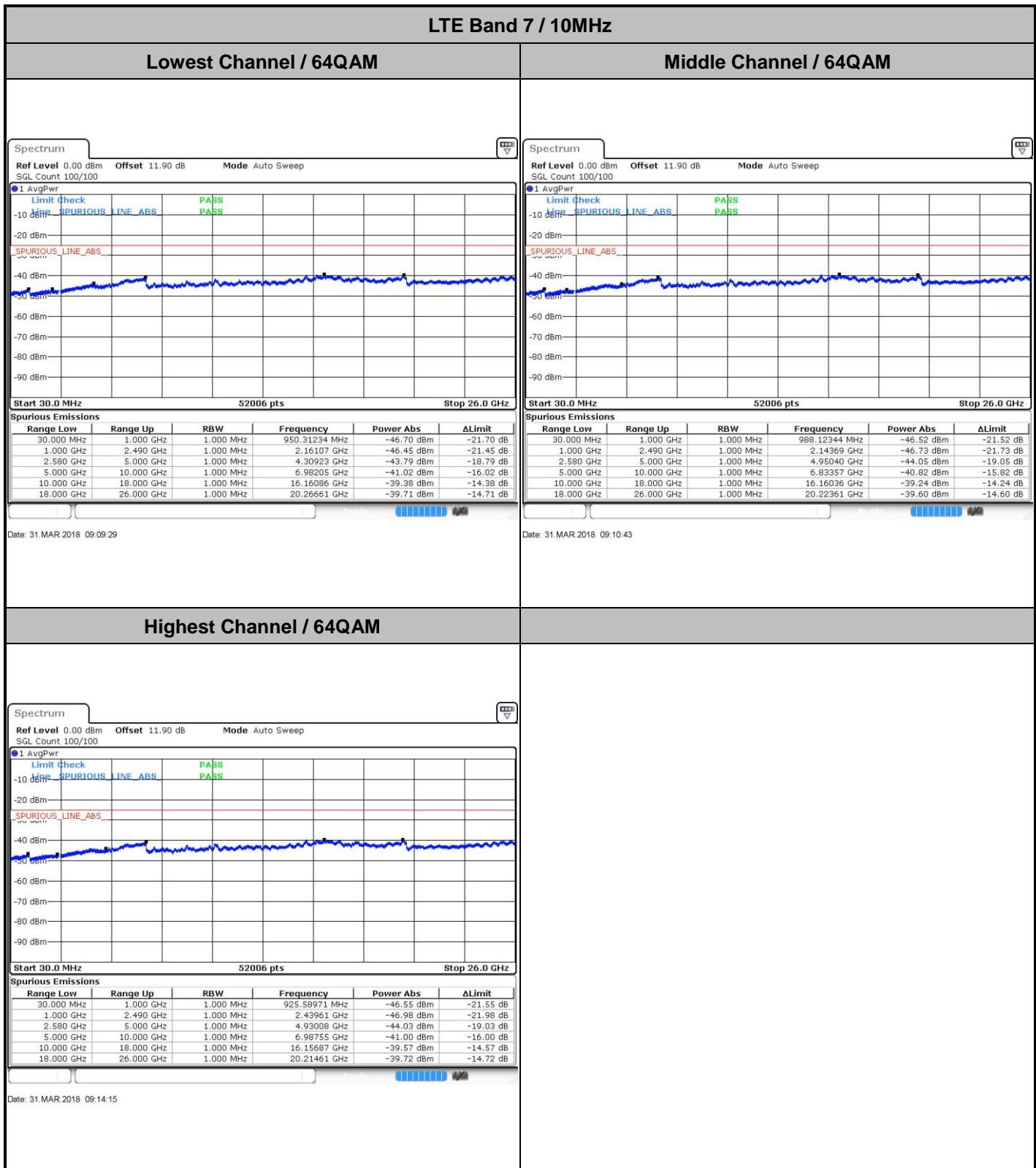


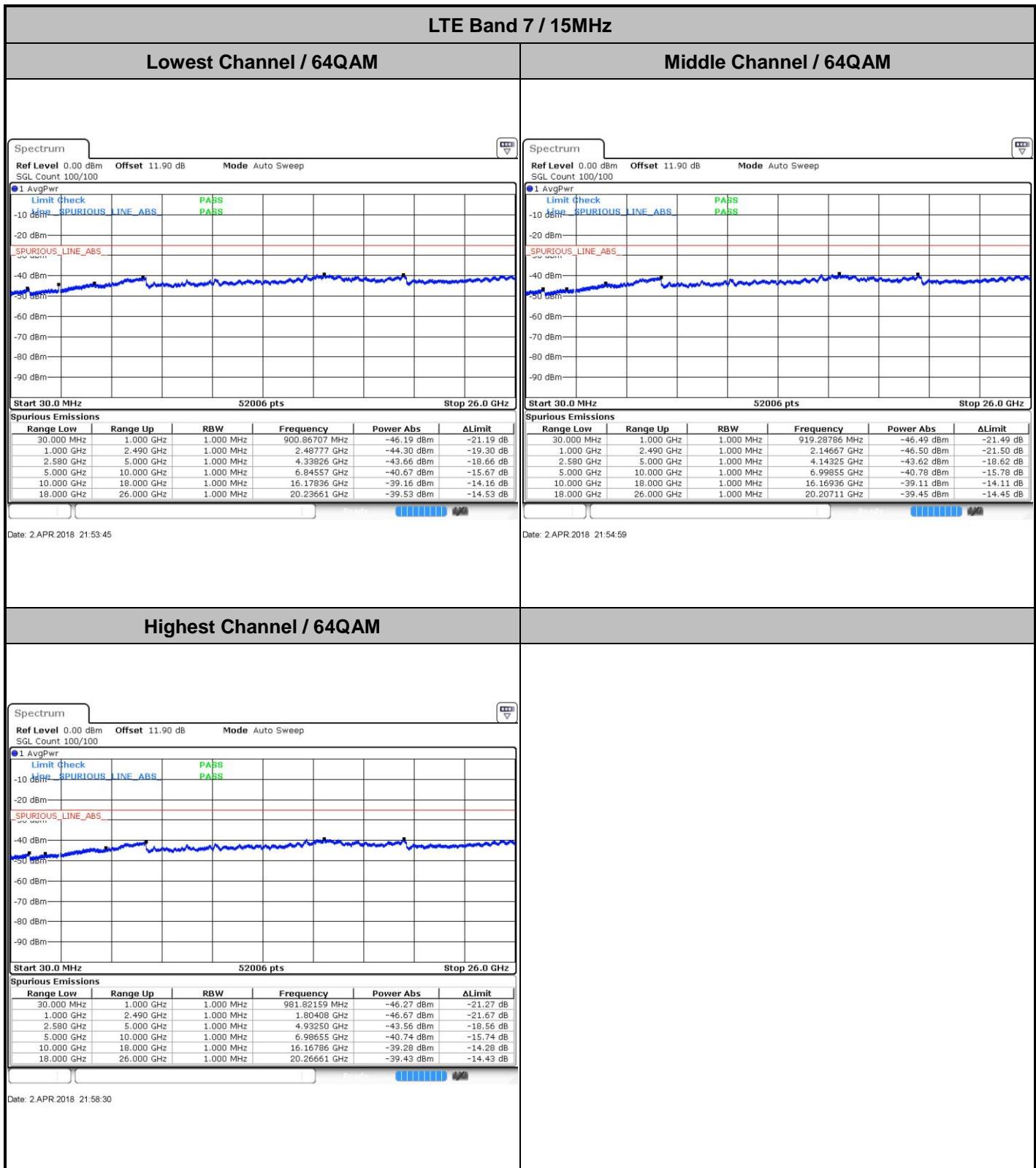
Date: 31.MAR.2018 08:45:53

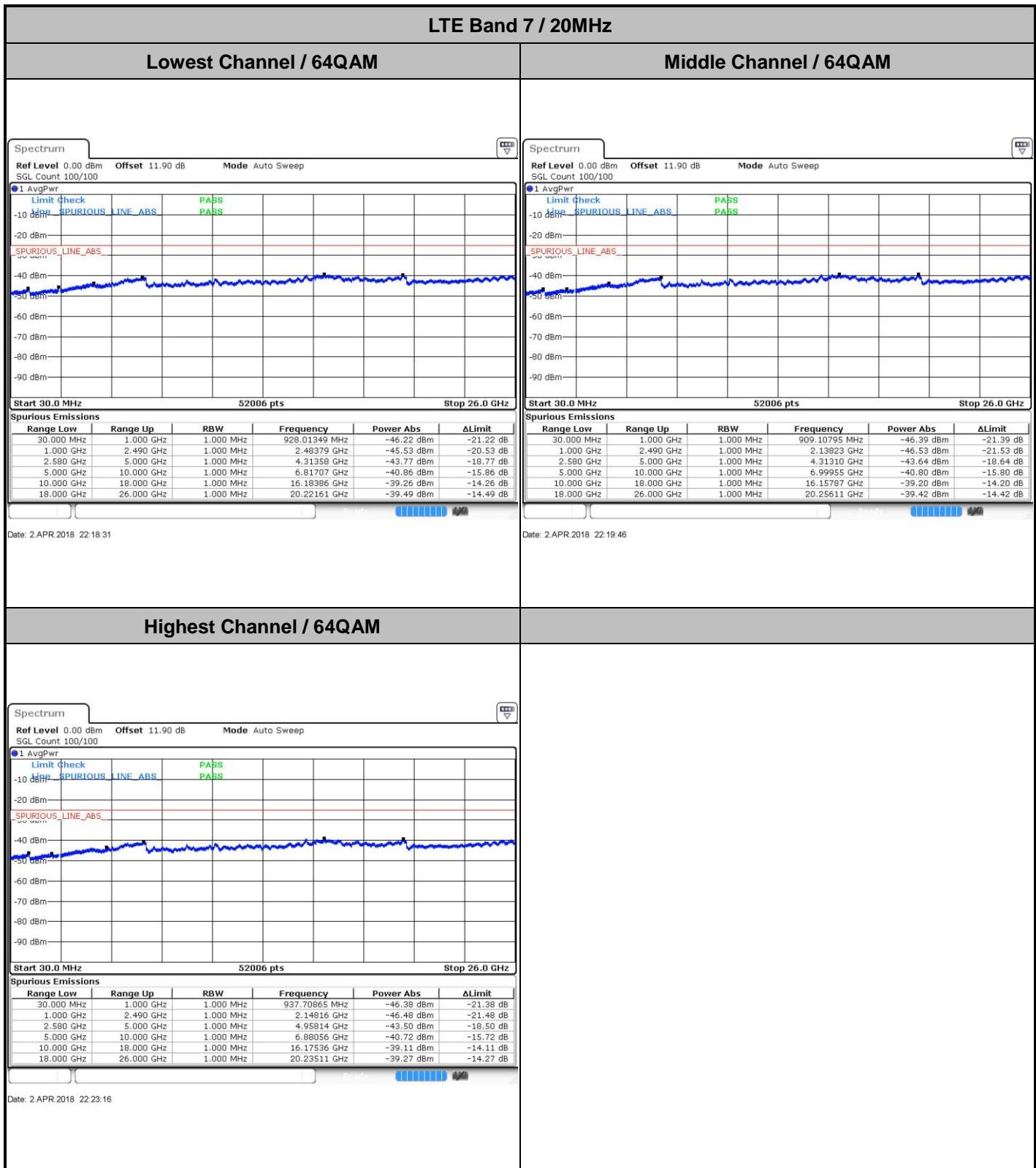
## Highest Channel / 64QAM



Date: 31.MAR.2018 08:49:24









## Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0061	
20	Battery End Point	0.0006	

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 7

### 26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.87	-	25.62	30.65
Middle CH	29.78	-	25.25	30.48
Highest CH	29.78	-	25.33	30.48
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.75	30.04	34.85	40.06
Middle CH	34.65	30.13	34.95	39.83
Highest CH	34.75	29.87	34.95	39.83

Mode	LTE Band 7 : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.70	-	25.25	30.48
Middle CH	29.96	-	25.18	30.48
Highest CH	29.78	-	25.33	30.56
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.85	30.04	34.85	39.71
Middle CH	34.85	30.04	34.95	39.71
Highest CH	34.85	29.87	34.65	39.83

Mode	LTE Band 7 : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.78	-	25.40	30.48
Middle CH	29.87	-	25.33	30.48
Highest CH	29.87	-	25.25	30.39
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.75	29.96	34.95	39.59
Middle CH	34.95	30.04	34.85	39.71
Highest CH	34.65	29.96	34.85	39.71

