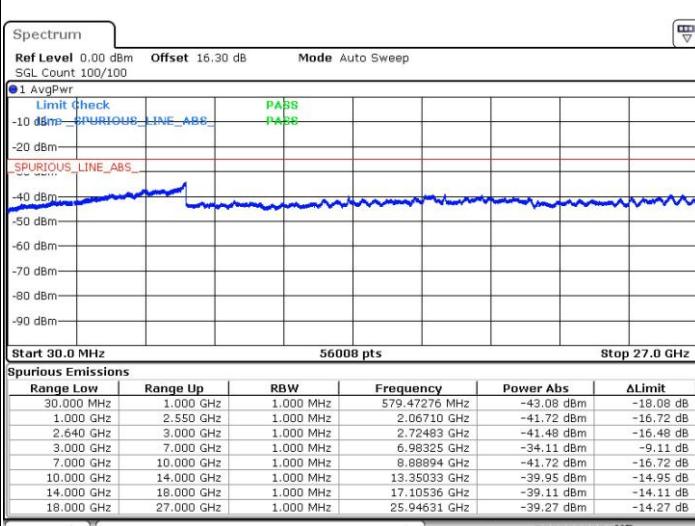
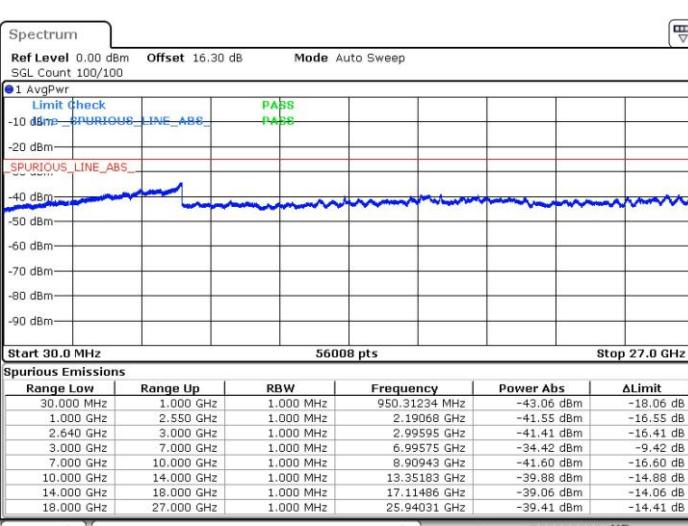




## LTE Band 38 / 5MHz

## Highest Channel / QPSK

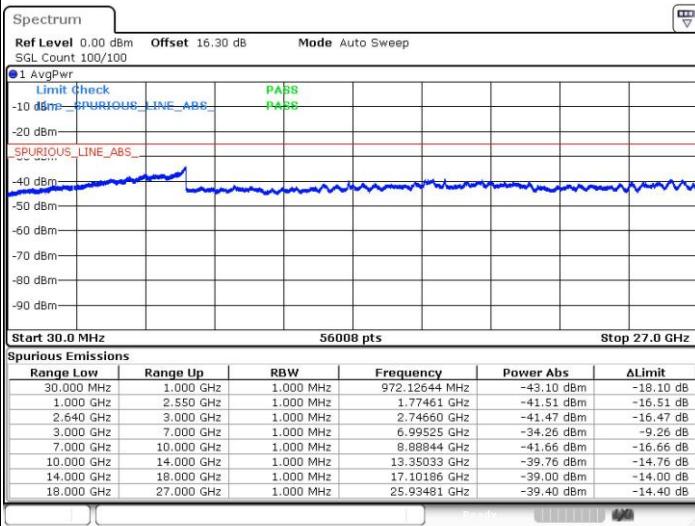
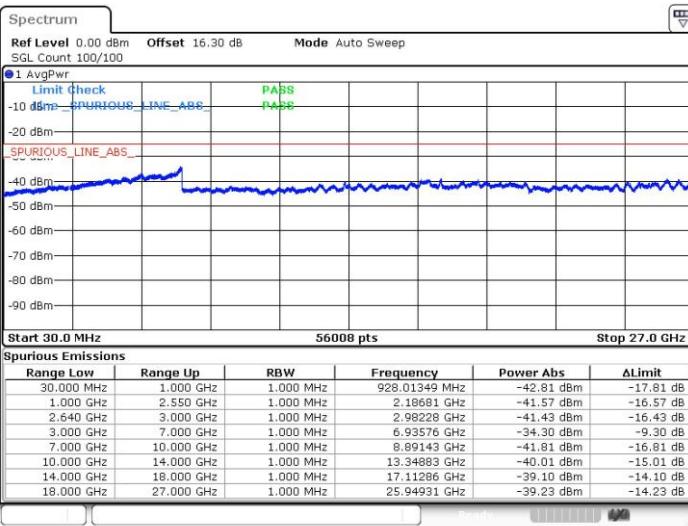
## Highest Channel / 16QAM



## LTE Band 38 / 10MHz

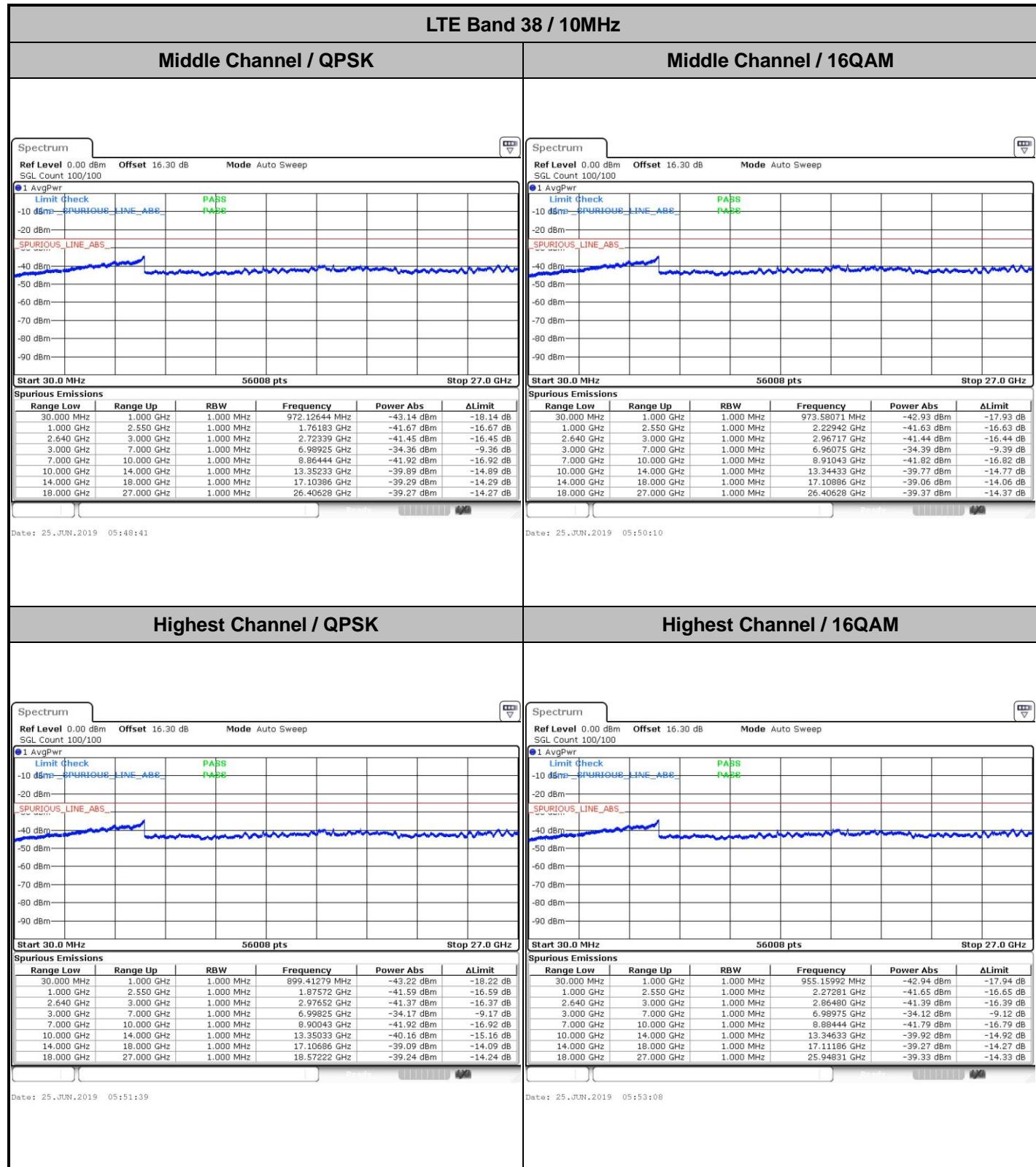
## Lowest Channel / QPSK

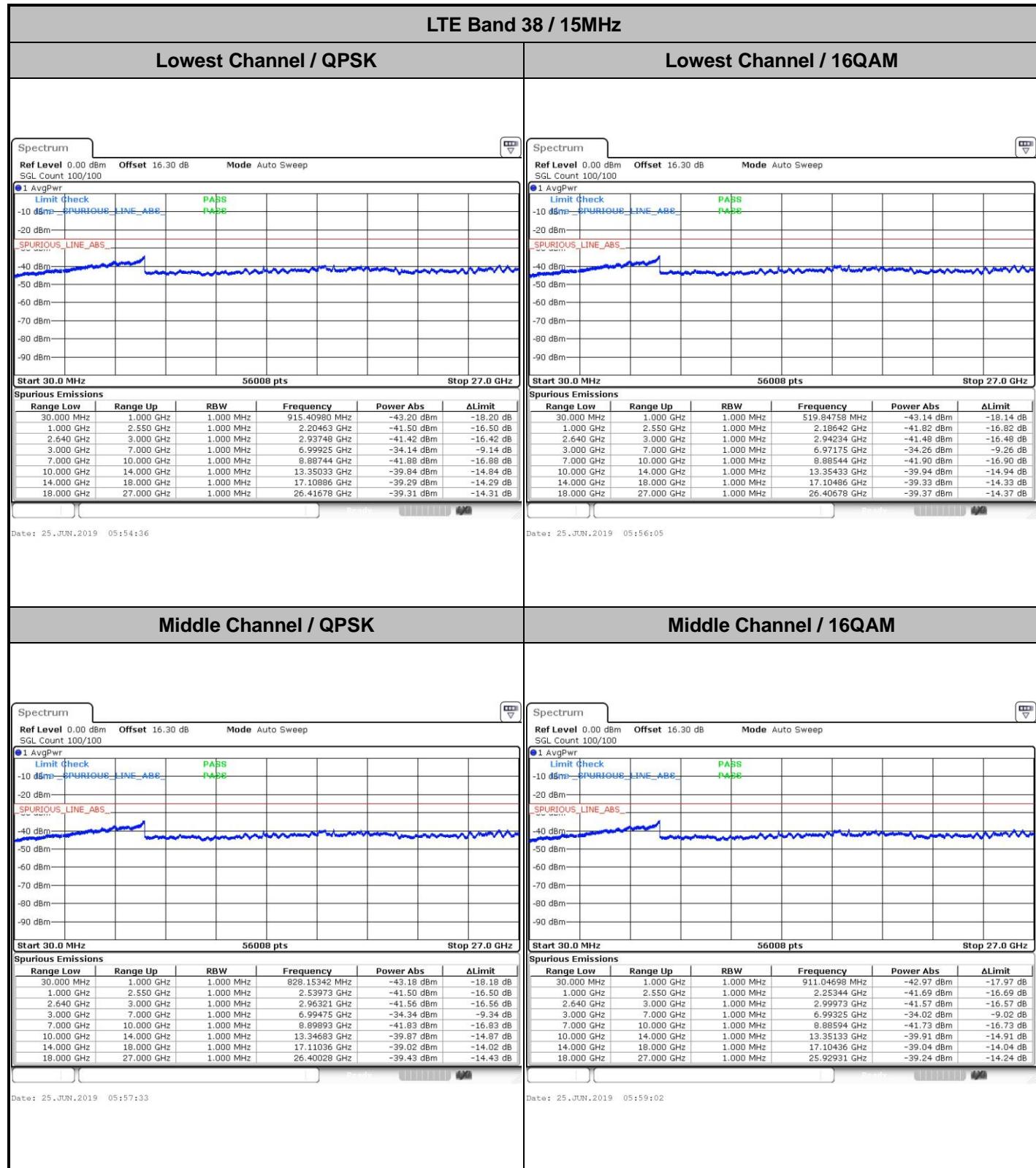
## Lowest Channel / 16QAM

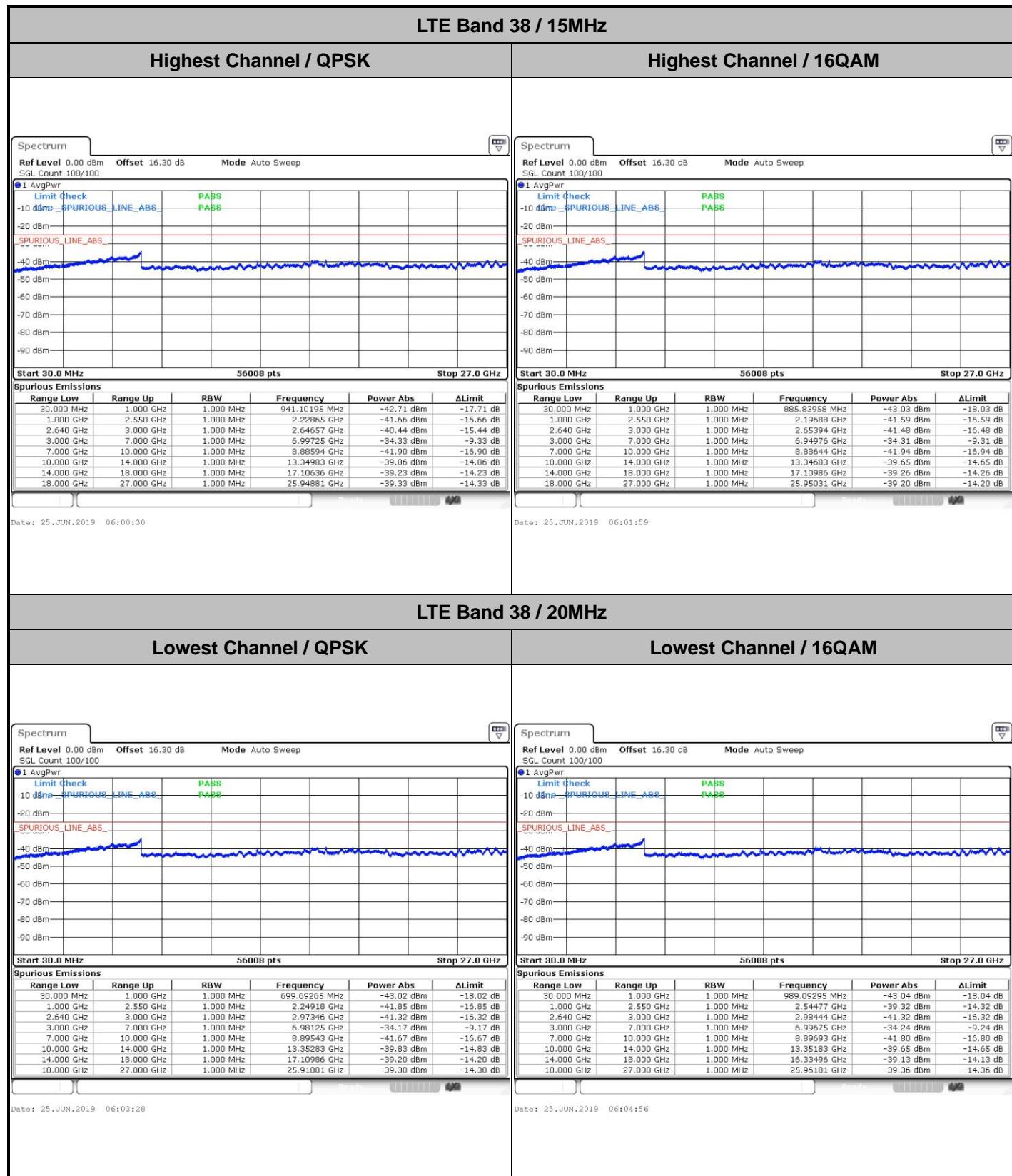


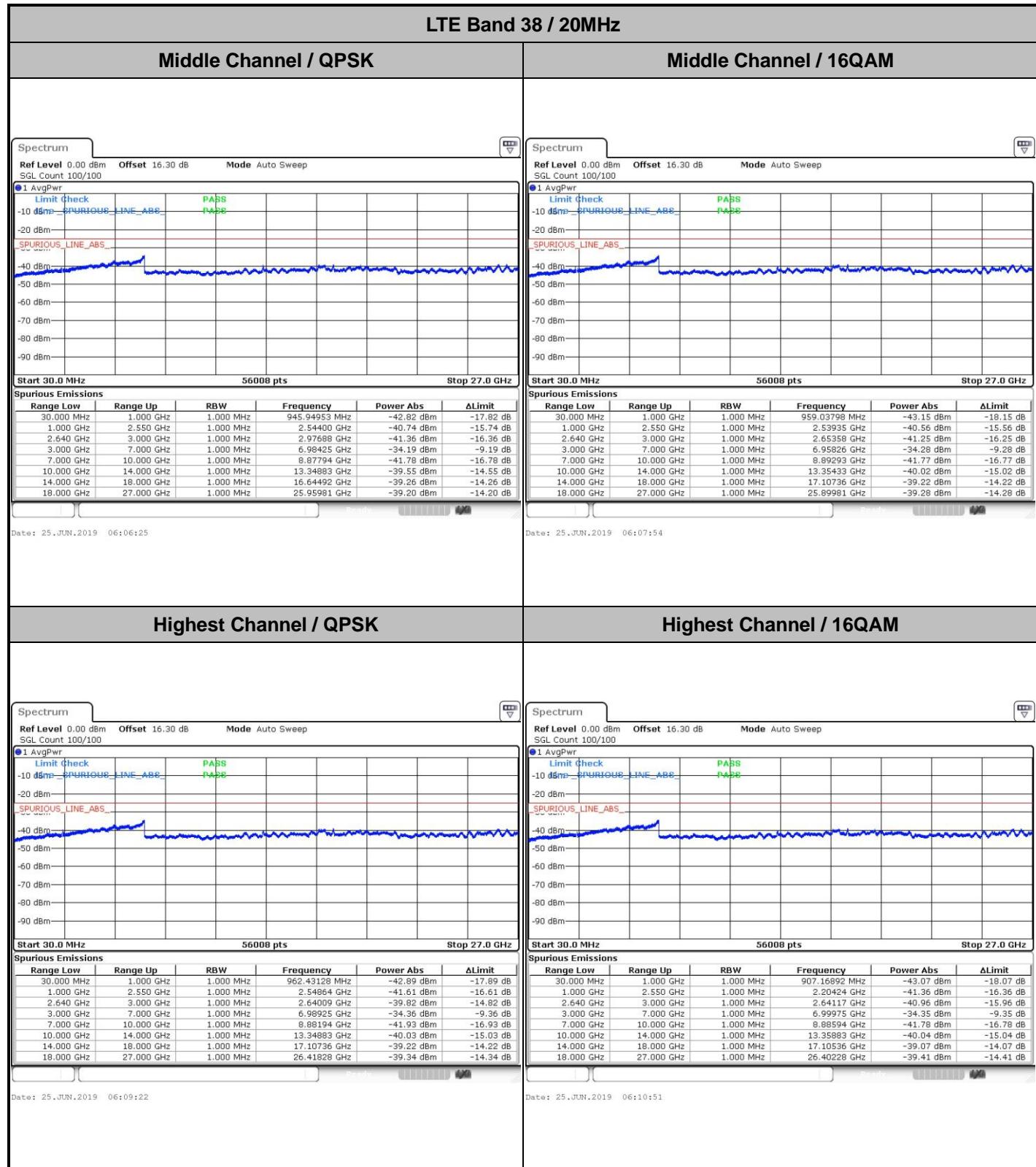
Date: 25.JUN.2019 05:45:44

Date: 25.JUN.2019 05:47:13











## Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

**Note:**

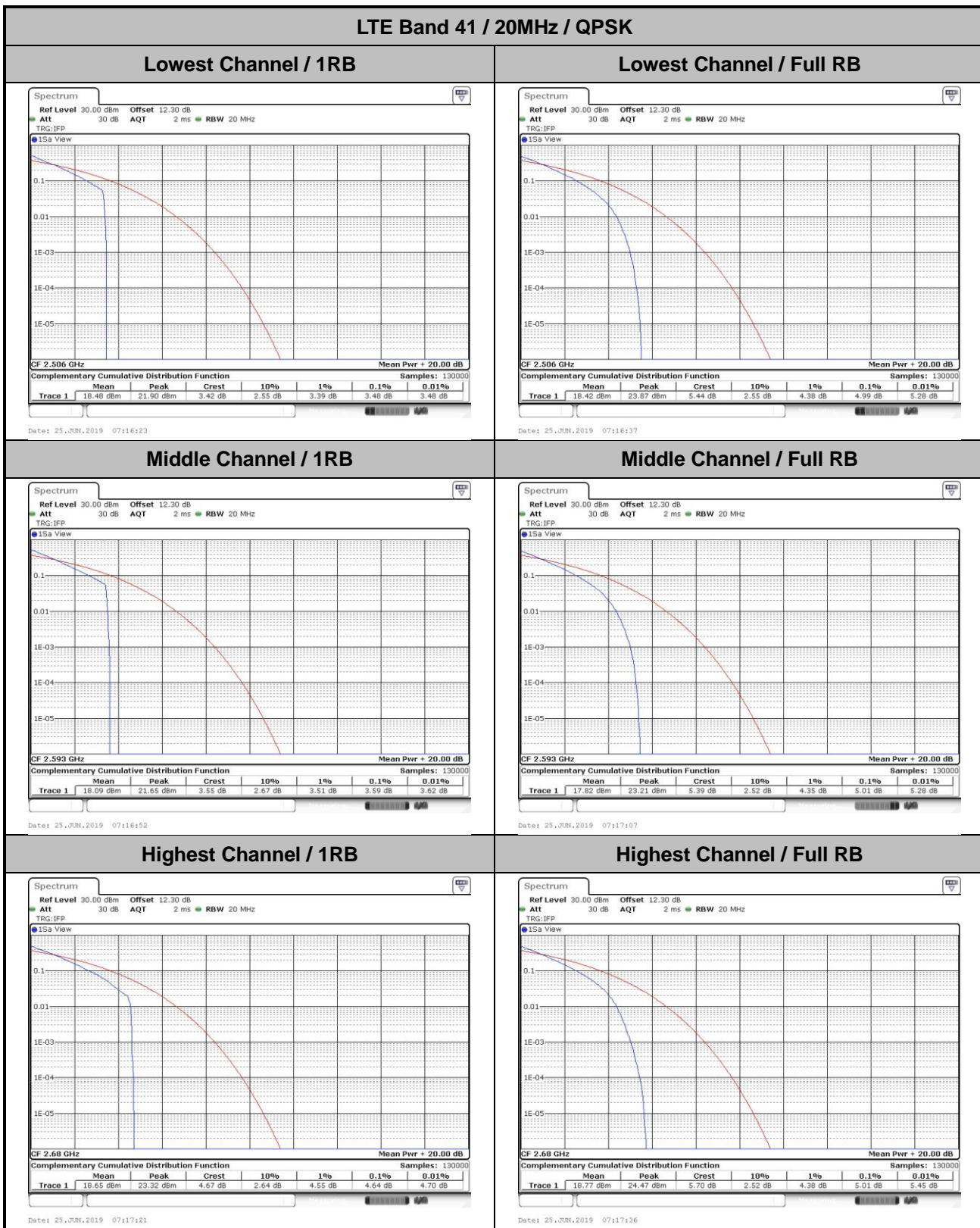
1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.8 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

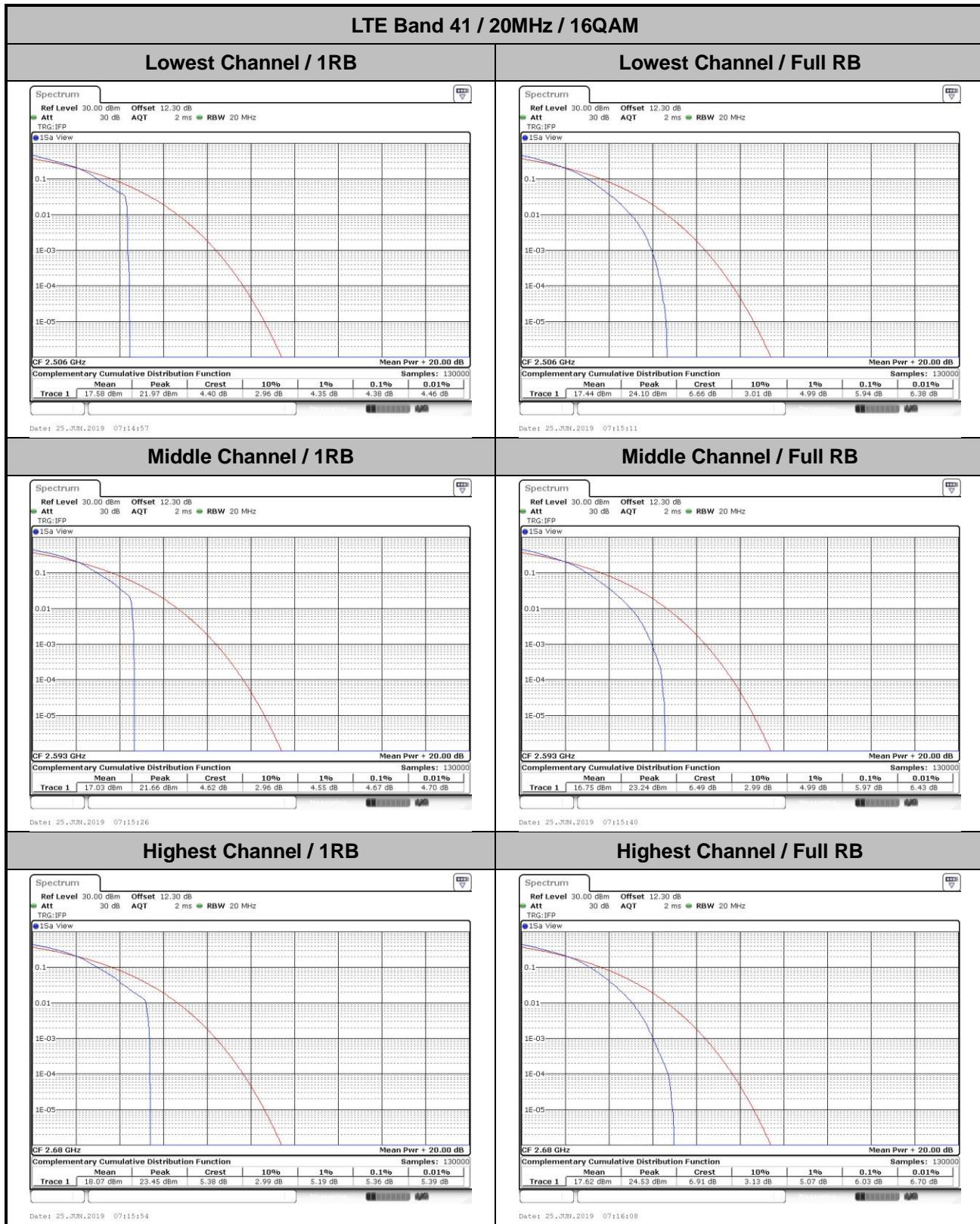


## LTE Band 41

### Peak-to-Average Ratio

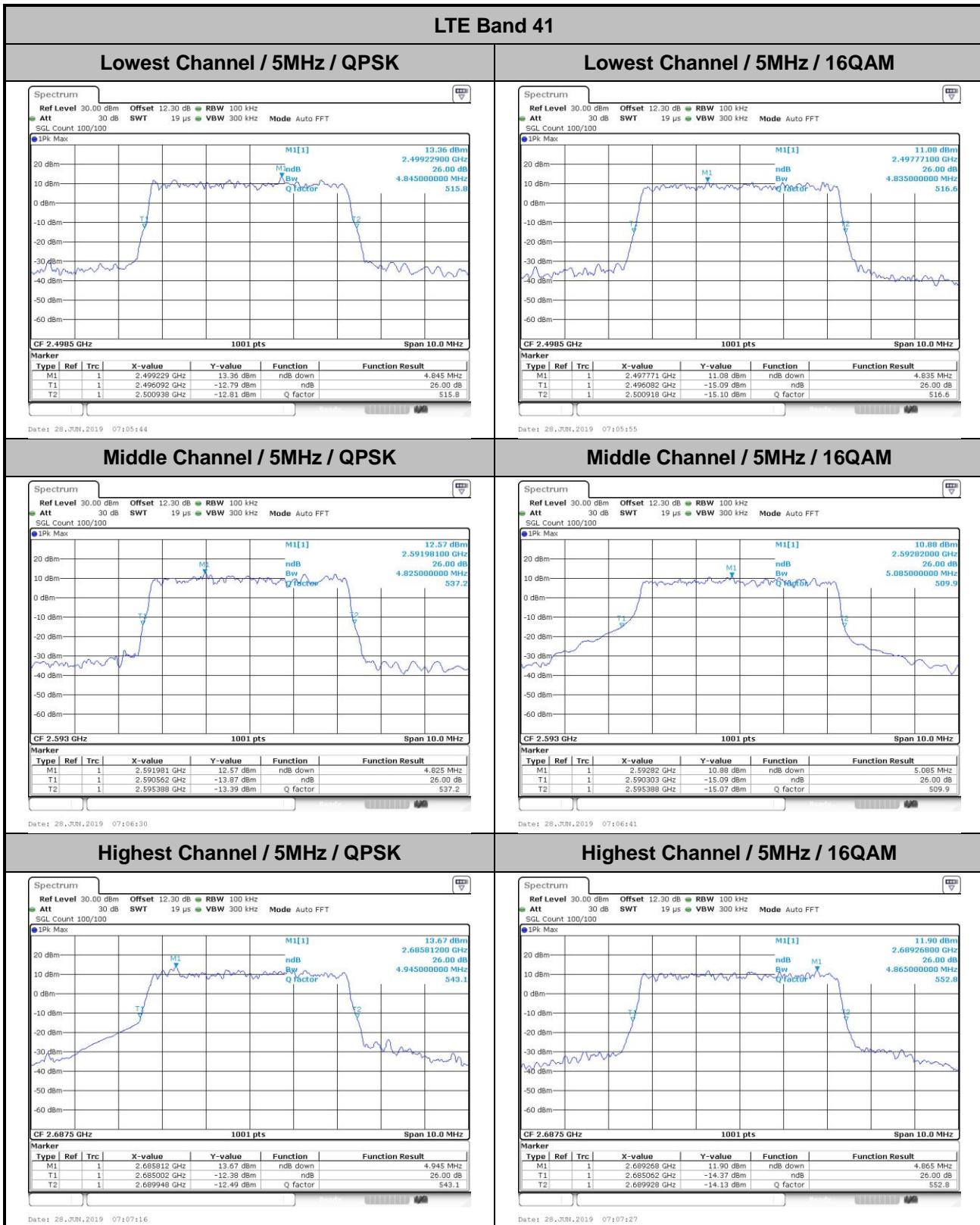
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.99	4.38	5.94	PASS
Middle CH	3.59	5.01	4.67	5.97	
Highest CH	4.64	5.01	5.36	6.03	

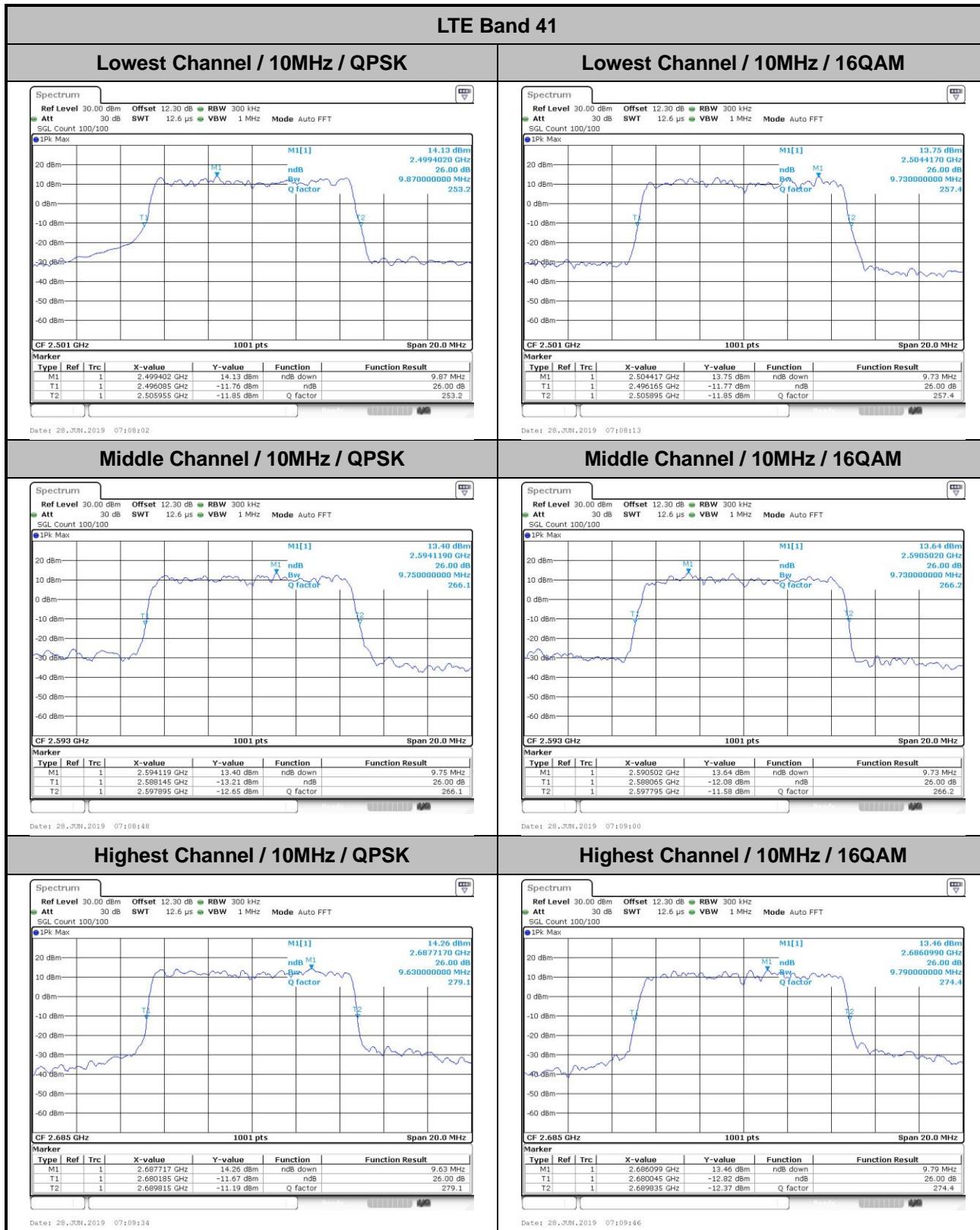


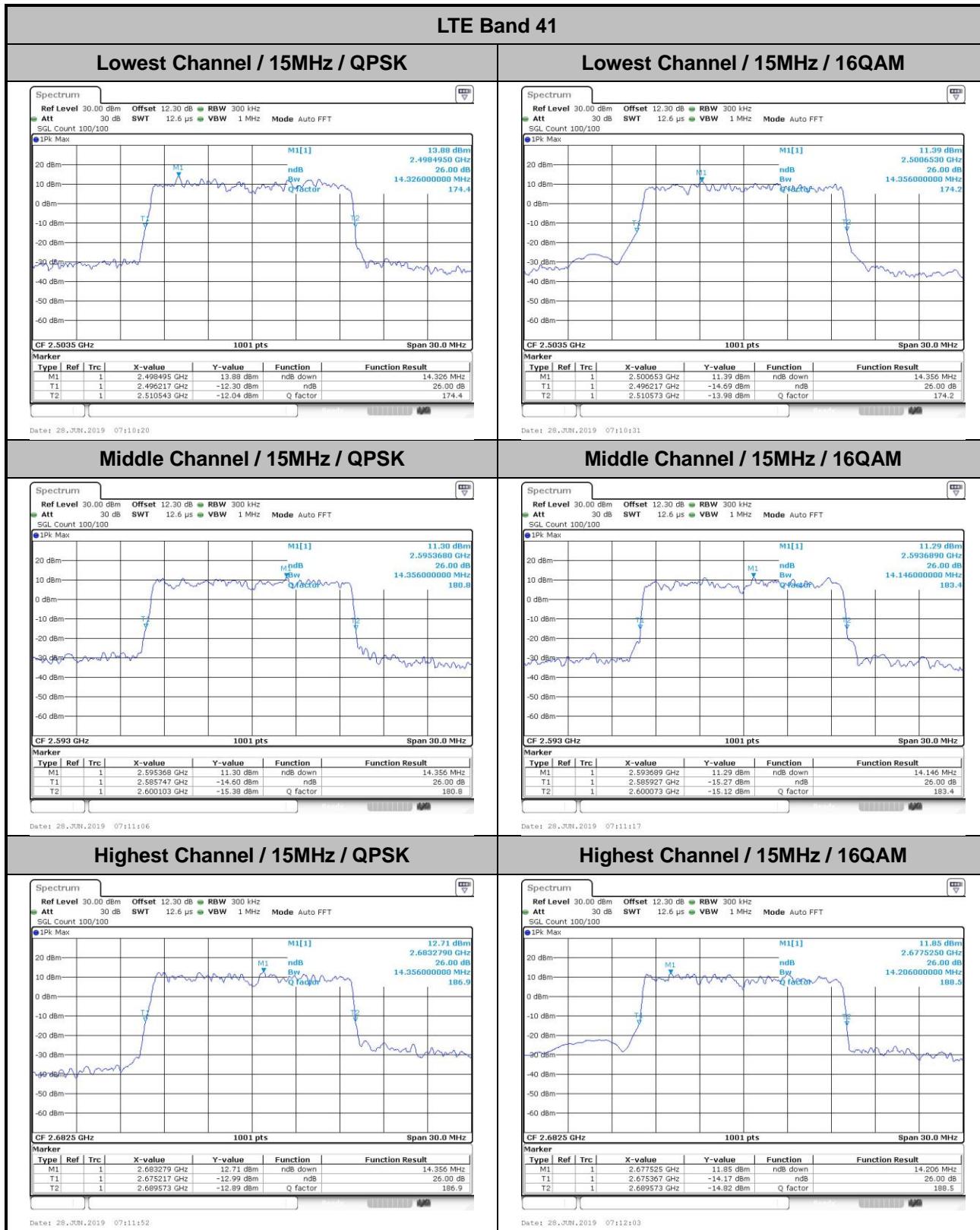


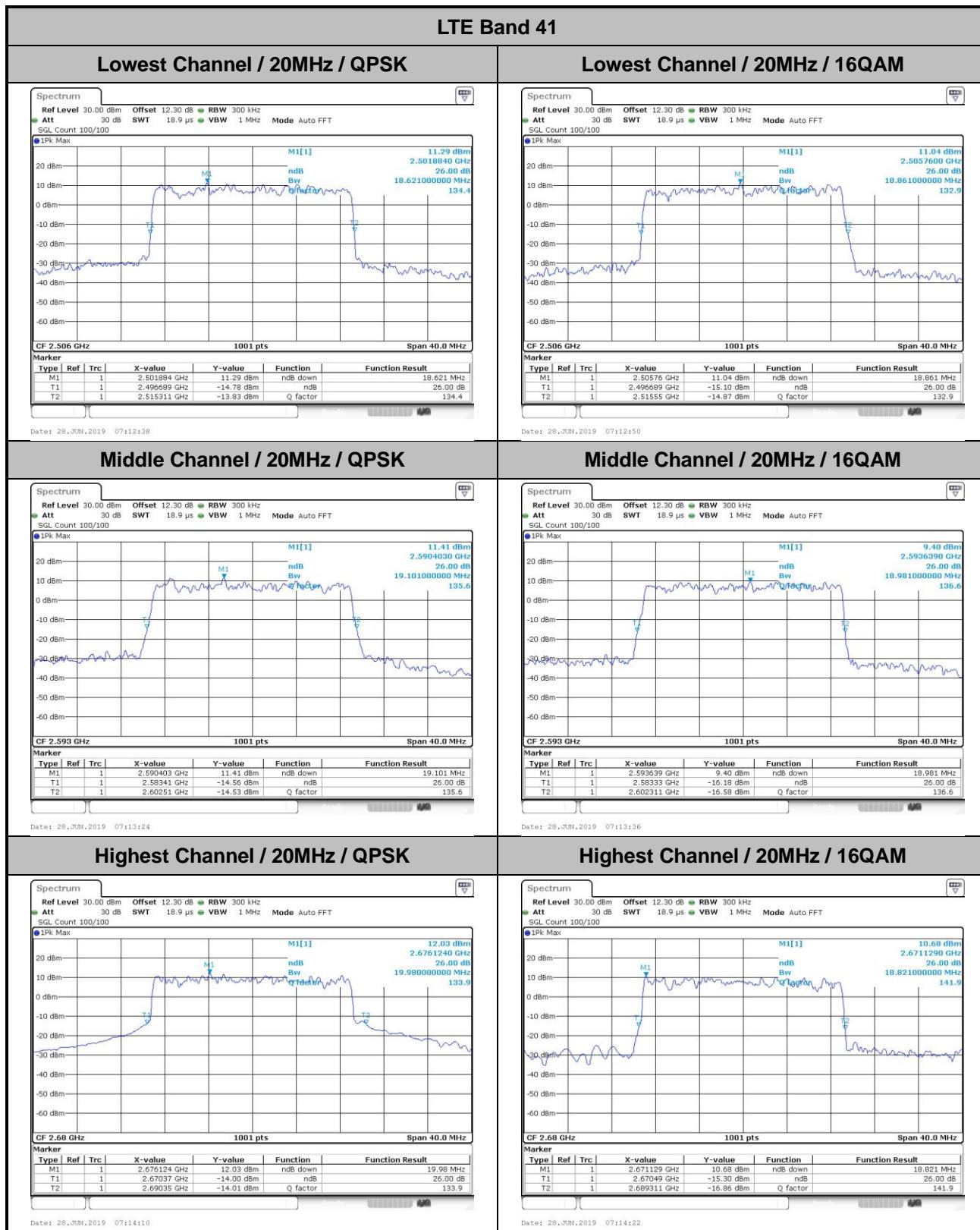
**26dB Bandwidth**

Mode BW Mod.	LTE Band 41 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.84	4.83	9.86	9.73	14.32	14.35	18.62	18.86
Middle CH	-	-	-	-	4.82	5.08	9.75	9.73	14.35	14.14	19.1	18.98
Highest CH	-	-	-	-	4.94	4.86	9.63	9.78	14.35	14.2	19.98	18.82









**Occupied Bandwidth**

Mode BW Mod.	LTE Band 41 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.46	9.03	8.93	13.39	13.42	18.02	17.9
Middle CH	-	-	-	-	4.49	4.48	9.01	8.93	13.45	13.42	17.94	17.86
Highest CH	-	-	-	-	4.44	4.49	9.05	9.05	13.45	13.45	17.9	17.82

