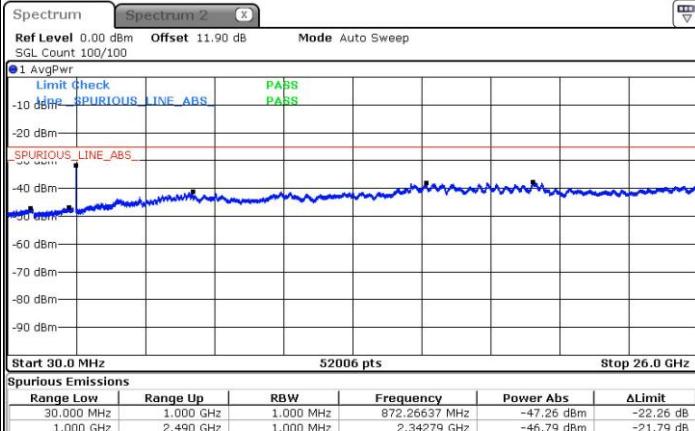
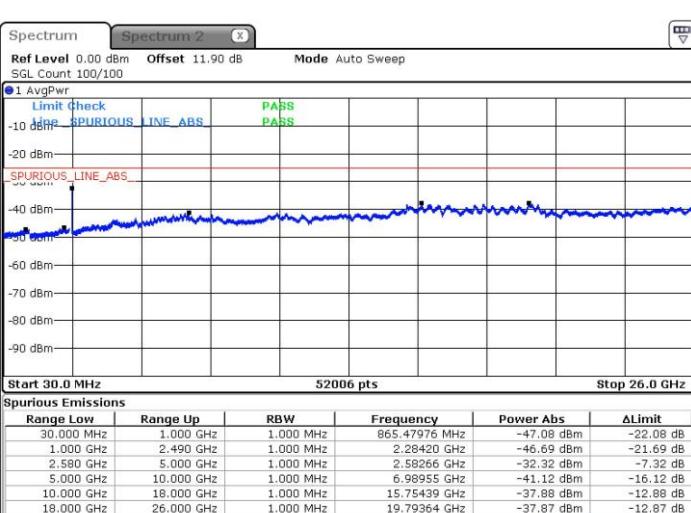




## LTE Band7 / 15MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM

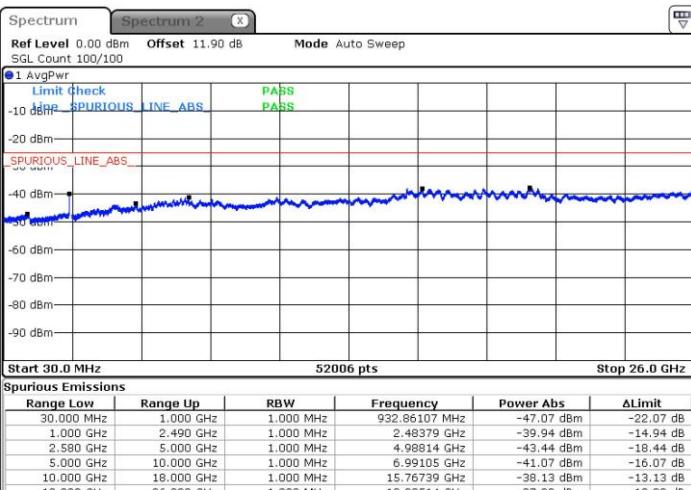


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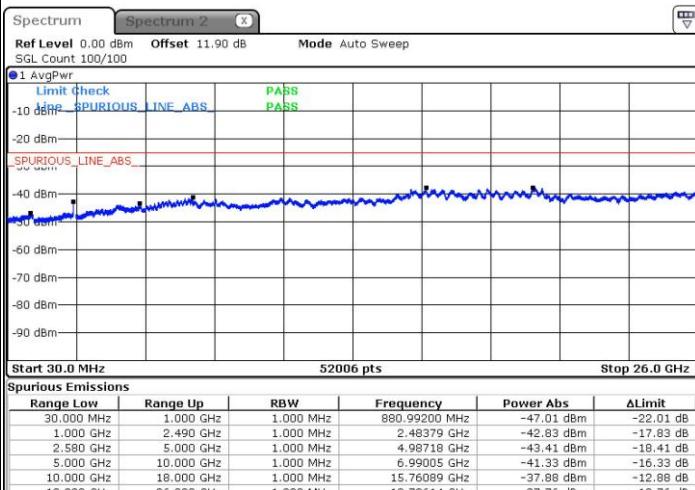
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK

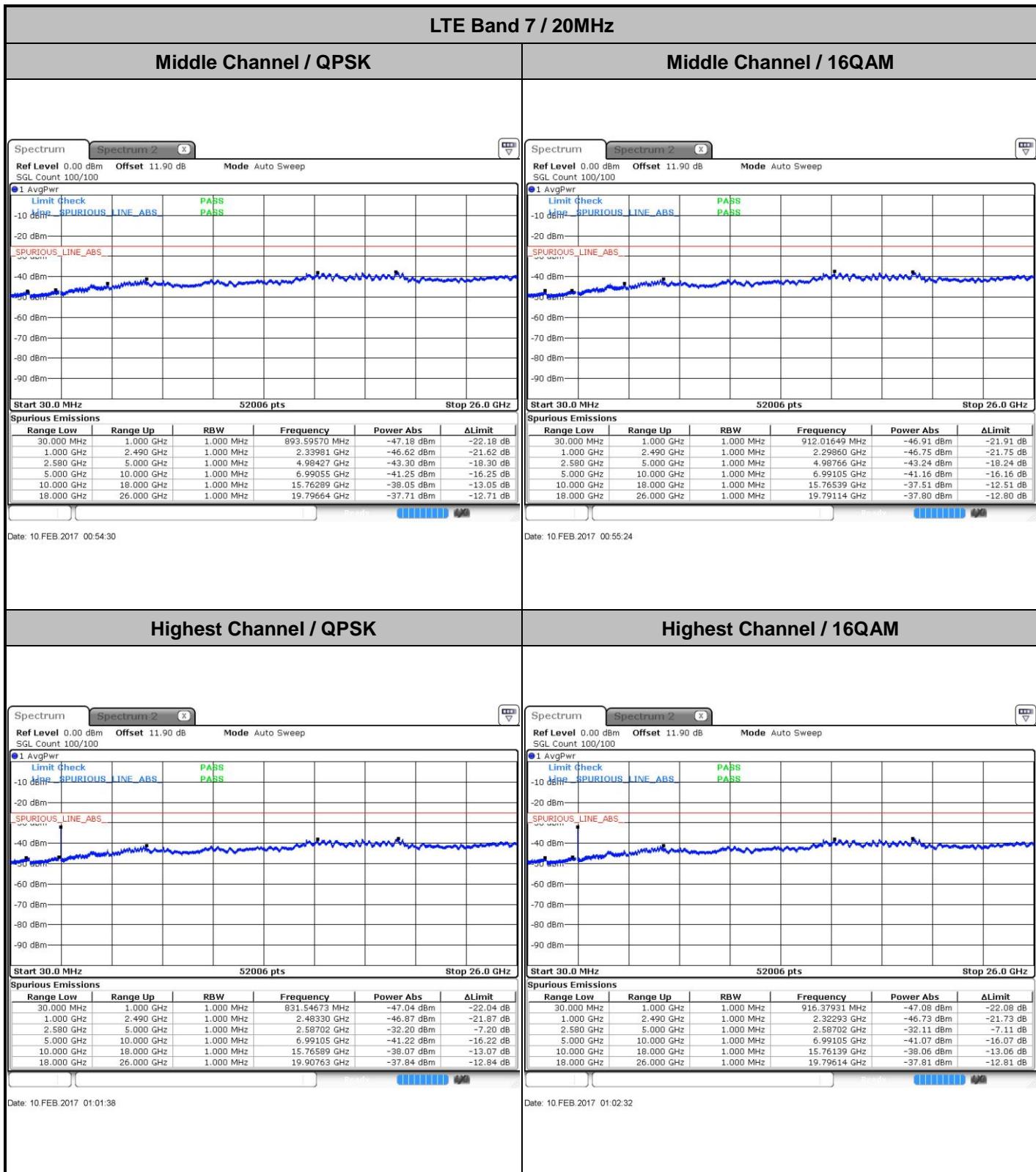
## Lowest Channel / 16QAM



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## 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	0.0009	PASS
40	Normal Voltage	0.0088	
30	Normal Voltage	0.0093	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0094	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0097	
-20	Normal Voltage	0.0093	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0095	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0093	

**Note:**

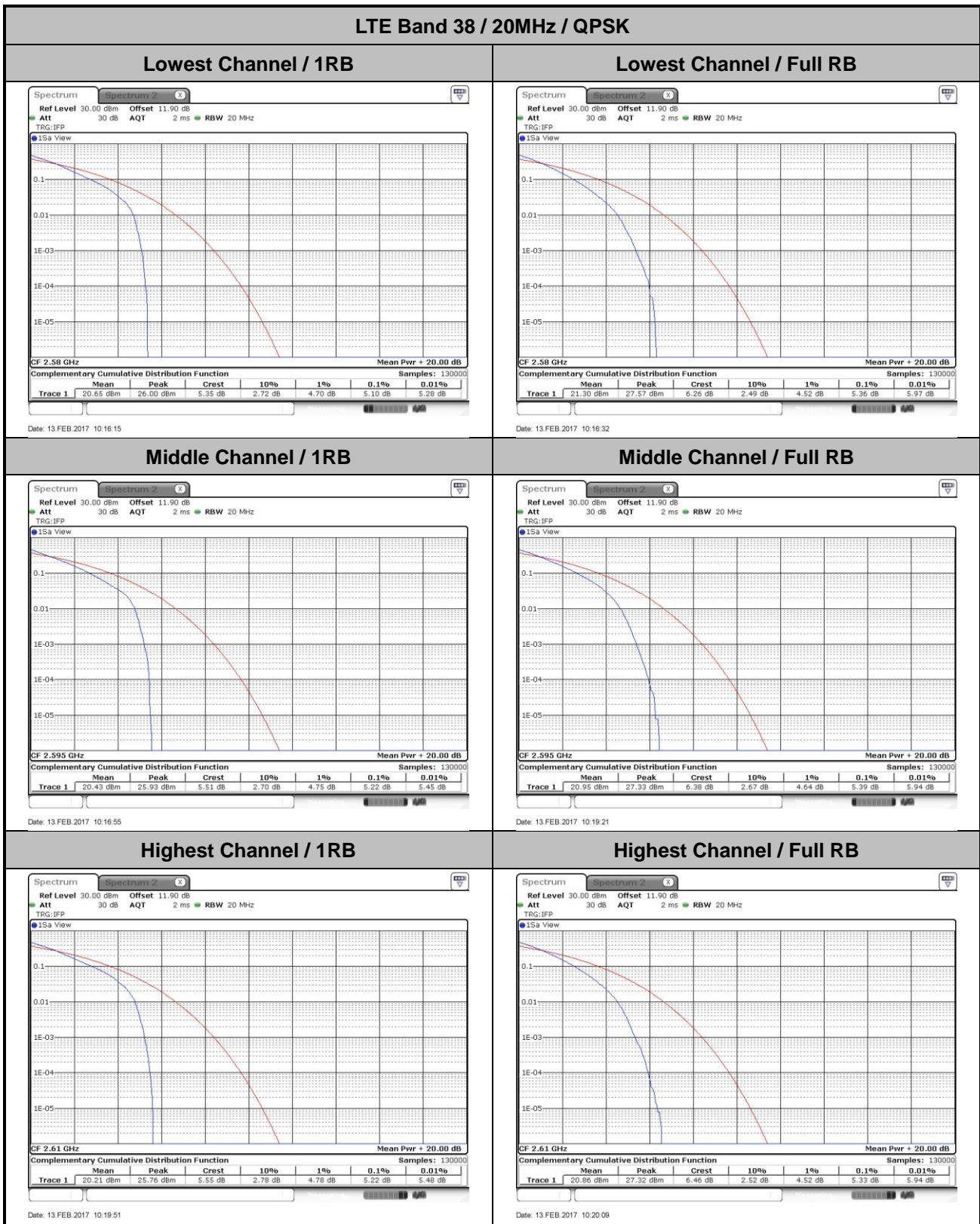
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

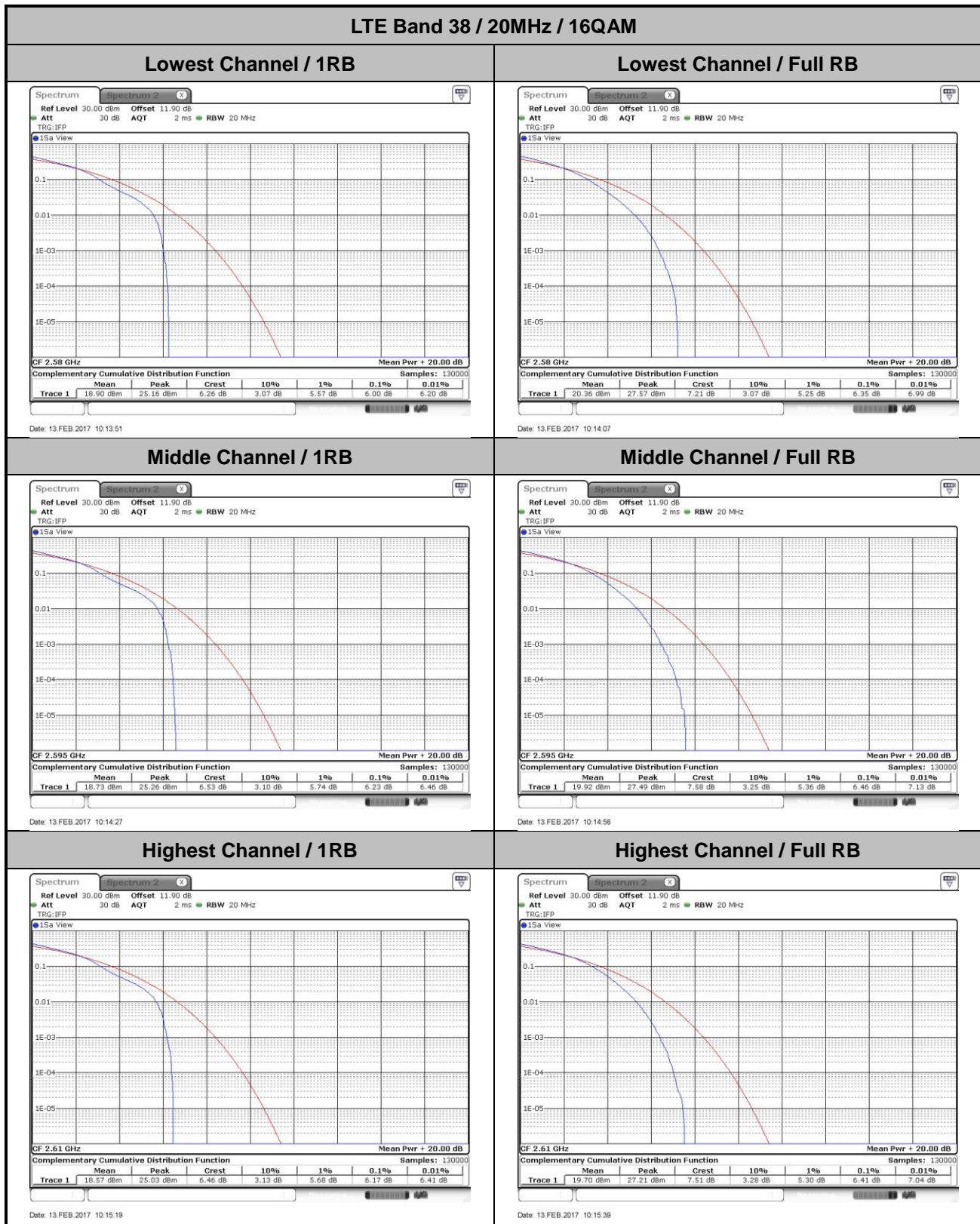


## LTE Band 38

### Peak-to-Average Ratio

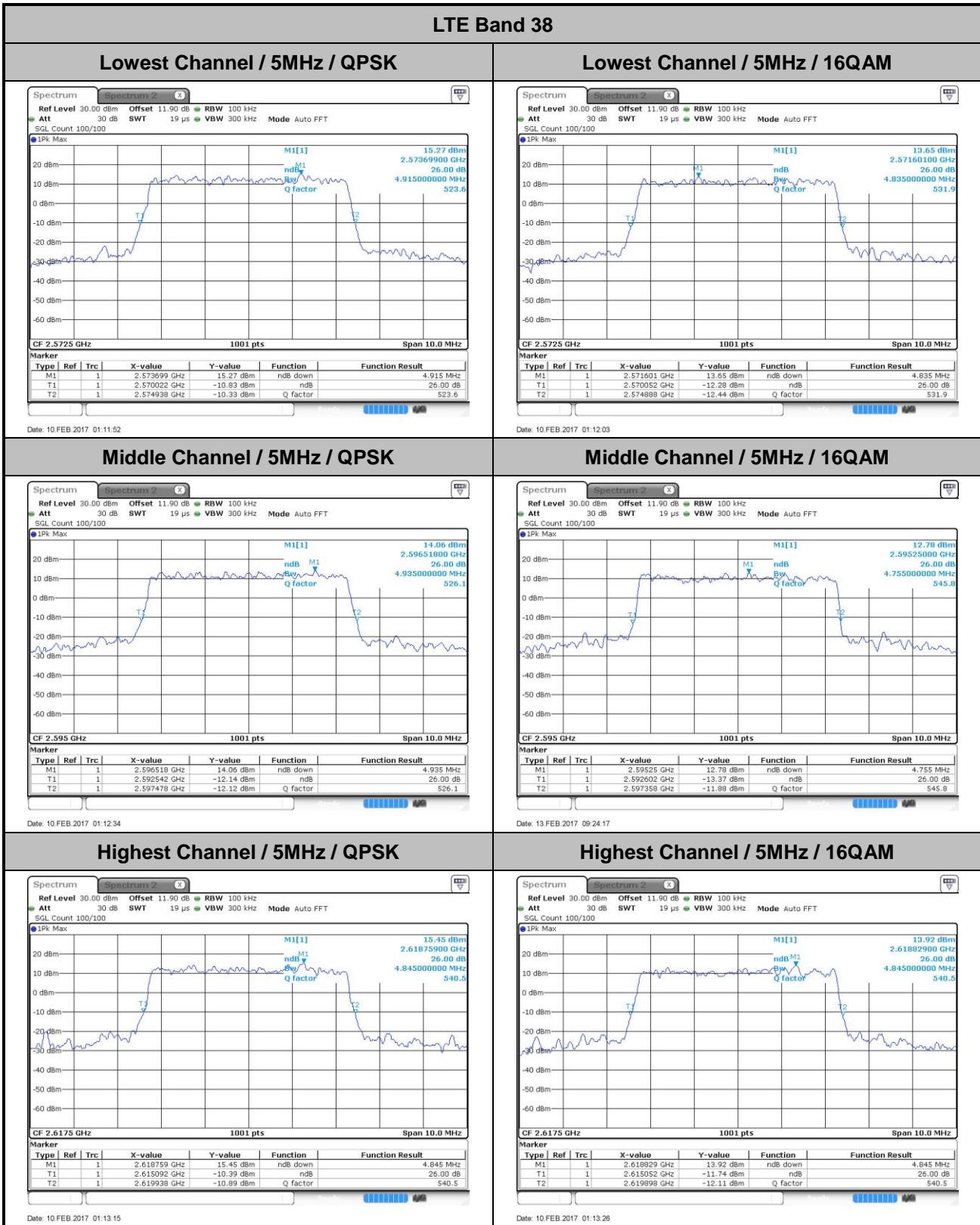
Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.1	5.36	6	6.35	PASS
Middle CH	5.22	5.39	6.23	6.46	
Highest CH	5.22	5.33	6.17	6.41	

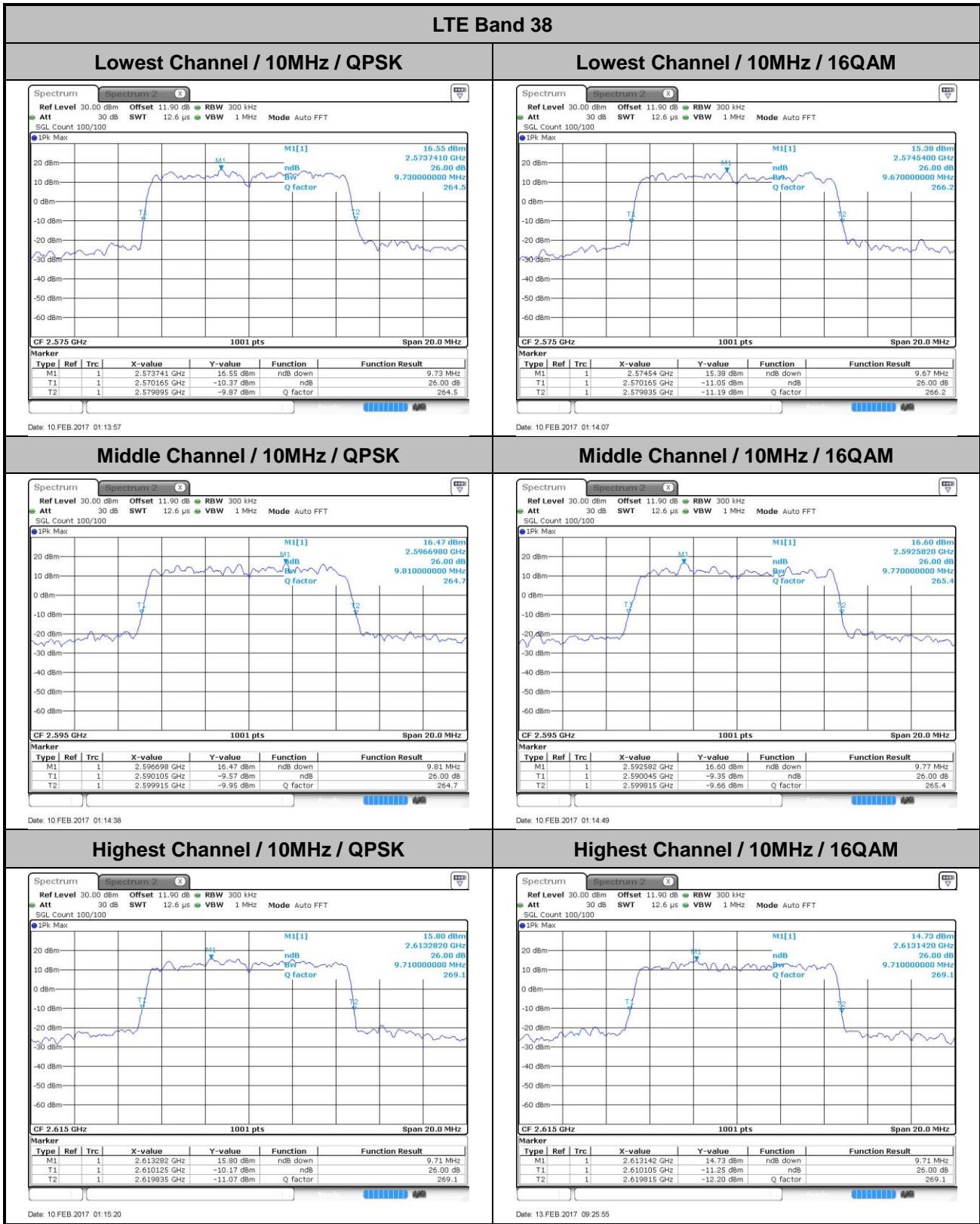


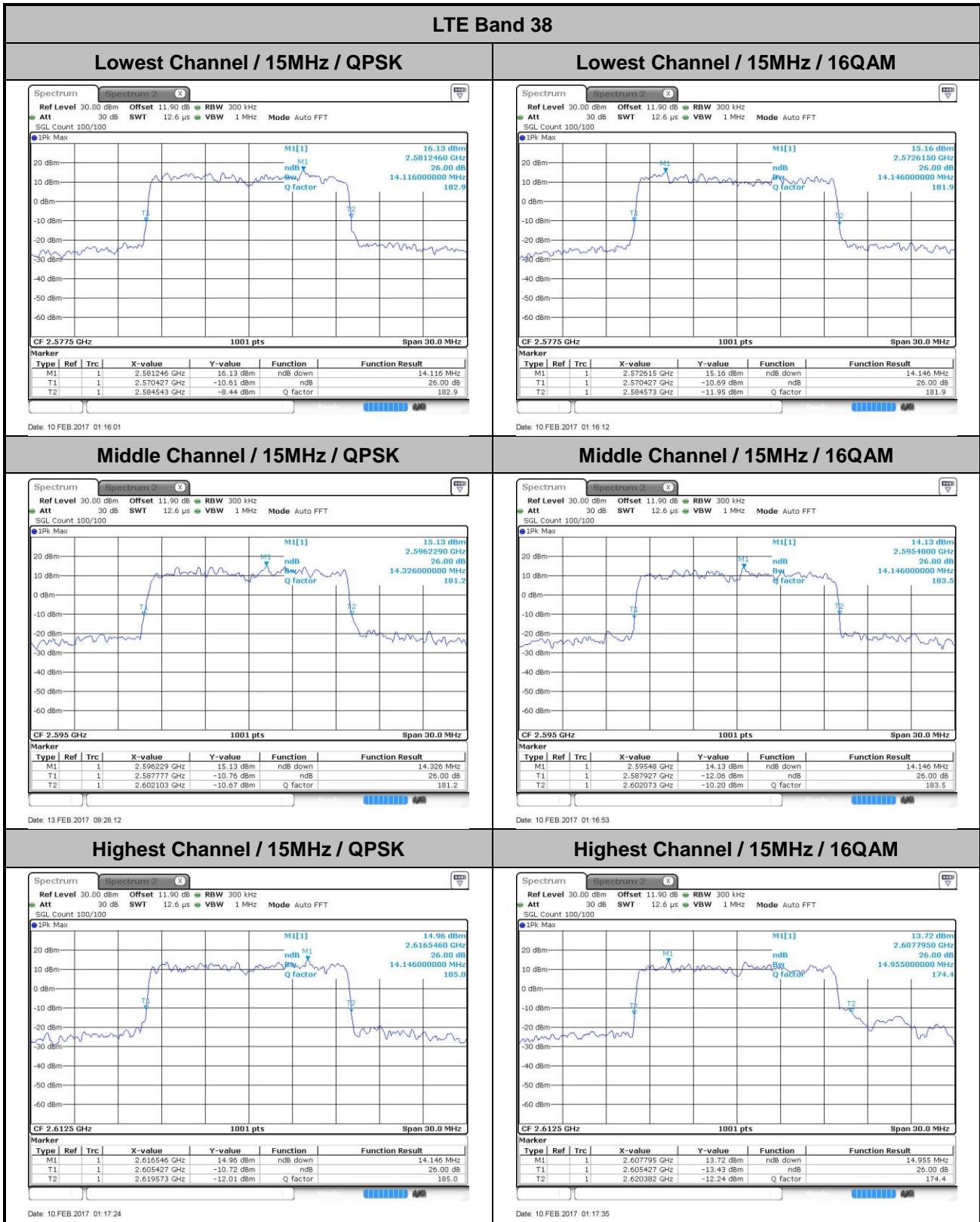


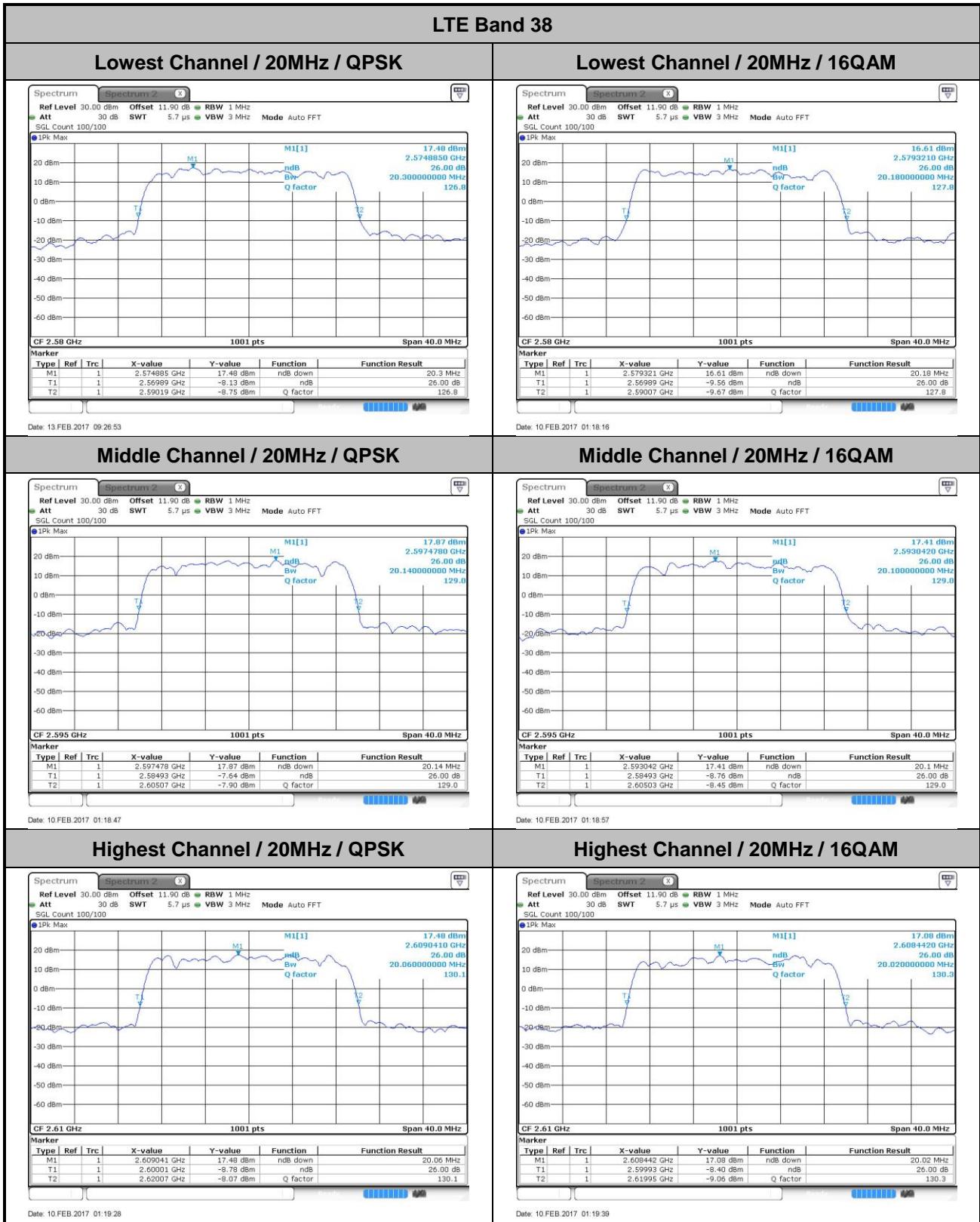
**26dB Bandwidth**

Mode	LTE Band 38 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.92	4.84	9.73	9.67	14.12	14.15	20.30	20.18
Middle CH	-	-	-	-	4.94	4.76	9.81	9.77	14.33	14.15	20.14	20.10
Highest CH	-	-	-	-	4.85	4.85	9.71	9.71	14.15	14.96	20.06	20.02



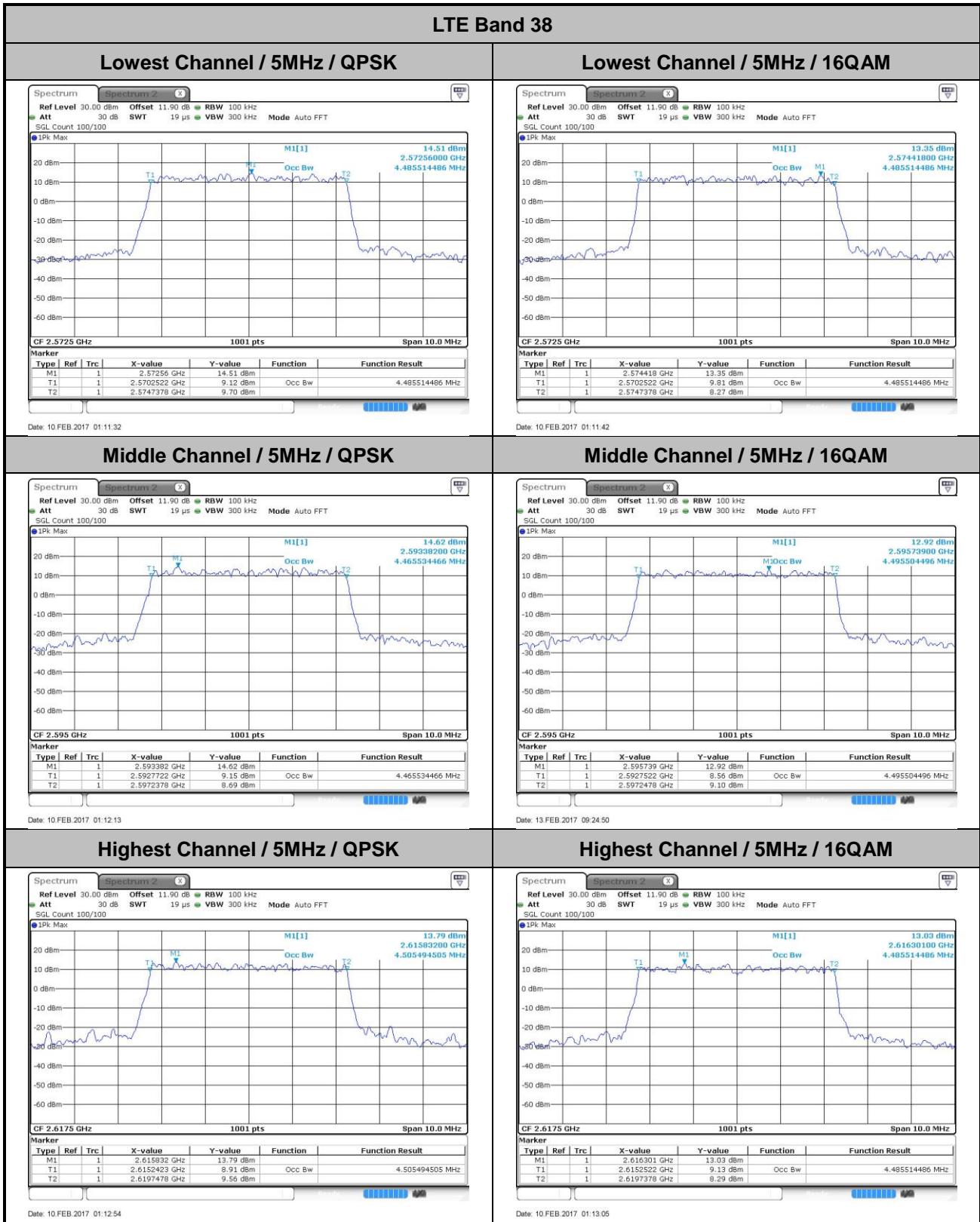


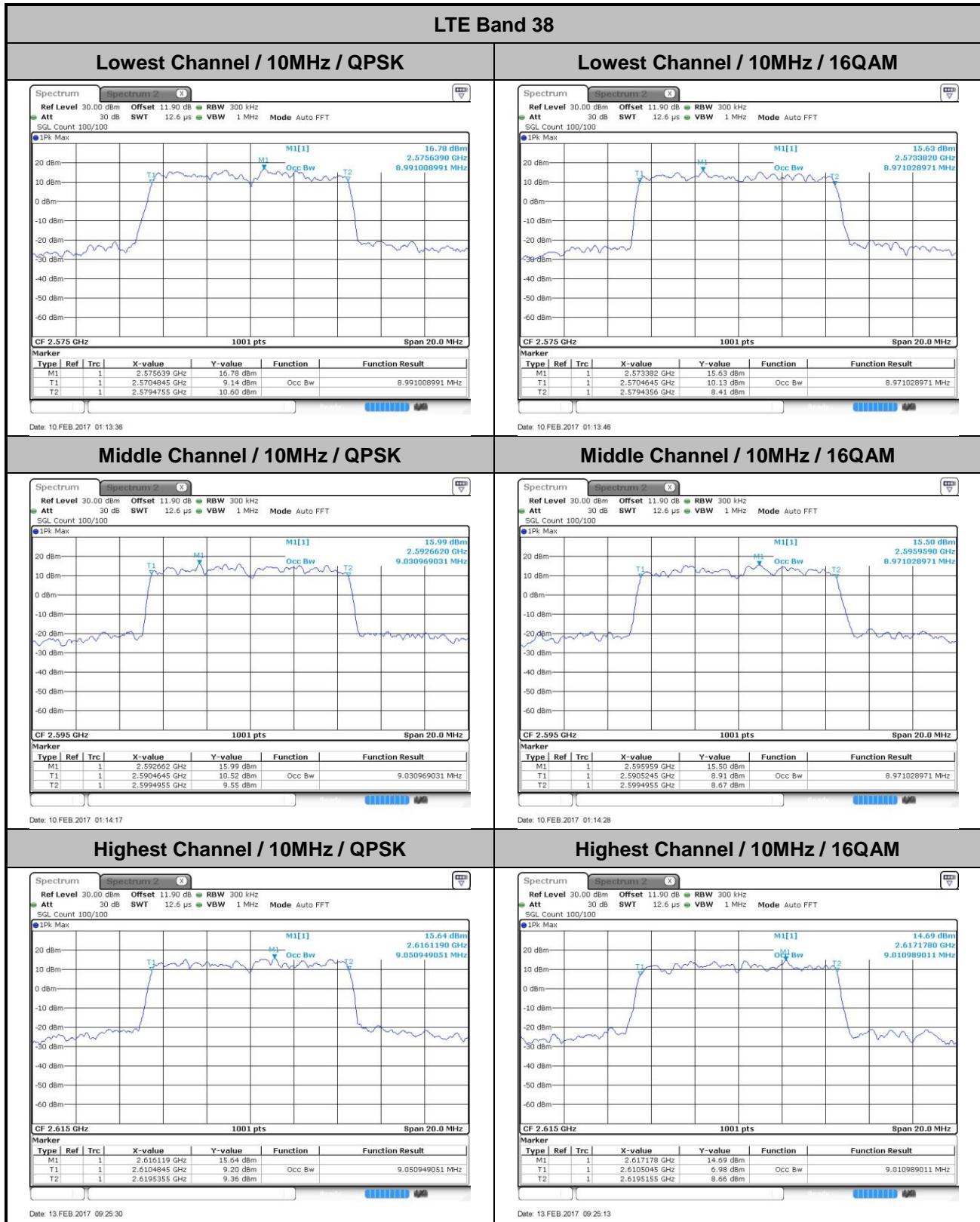


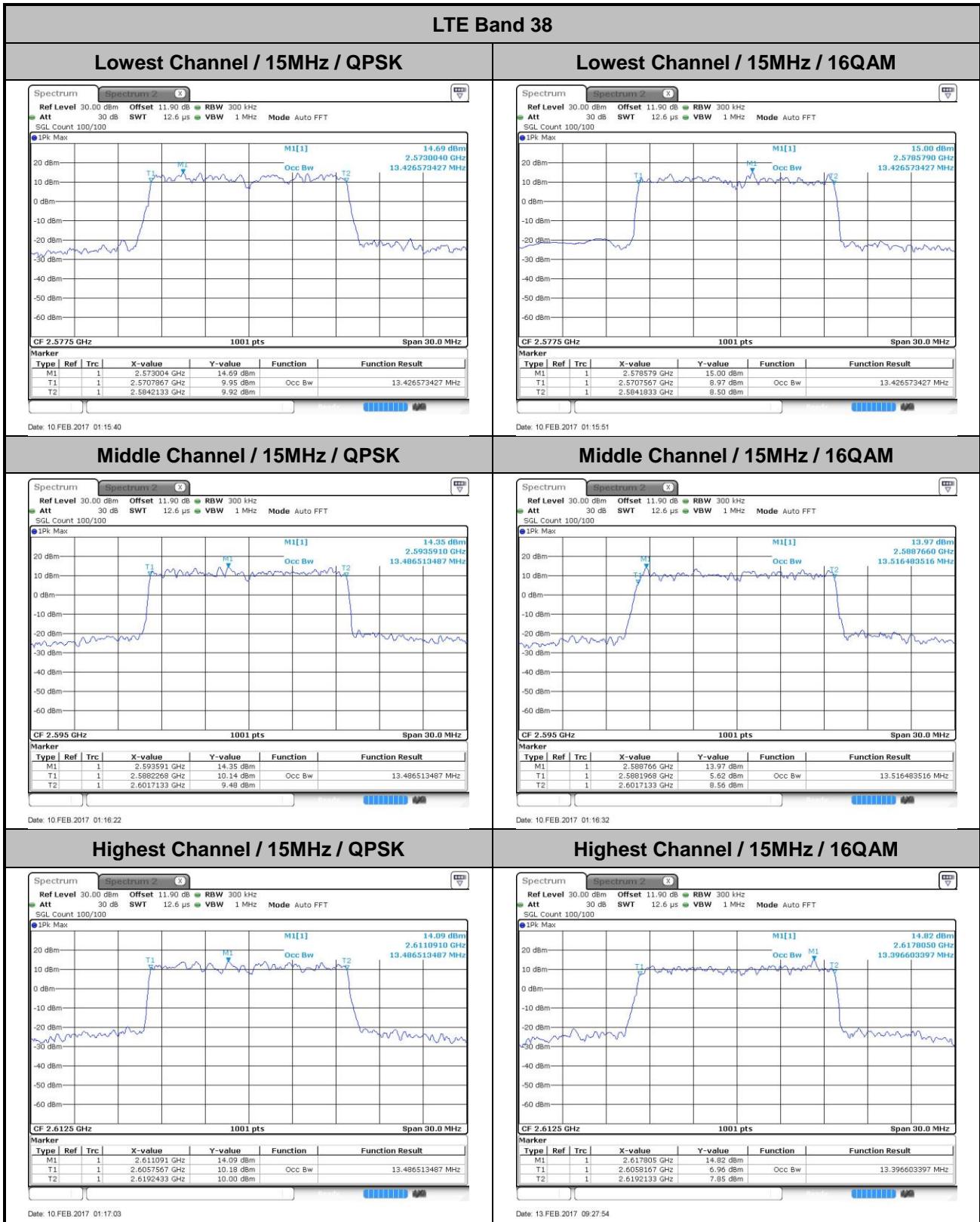


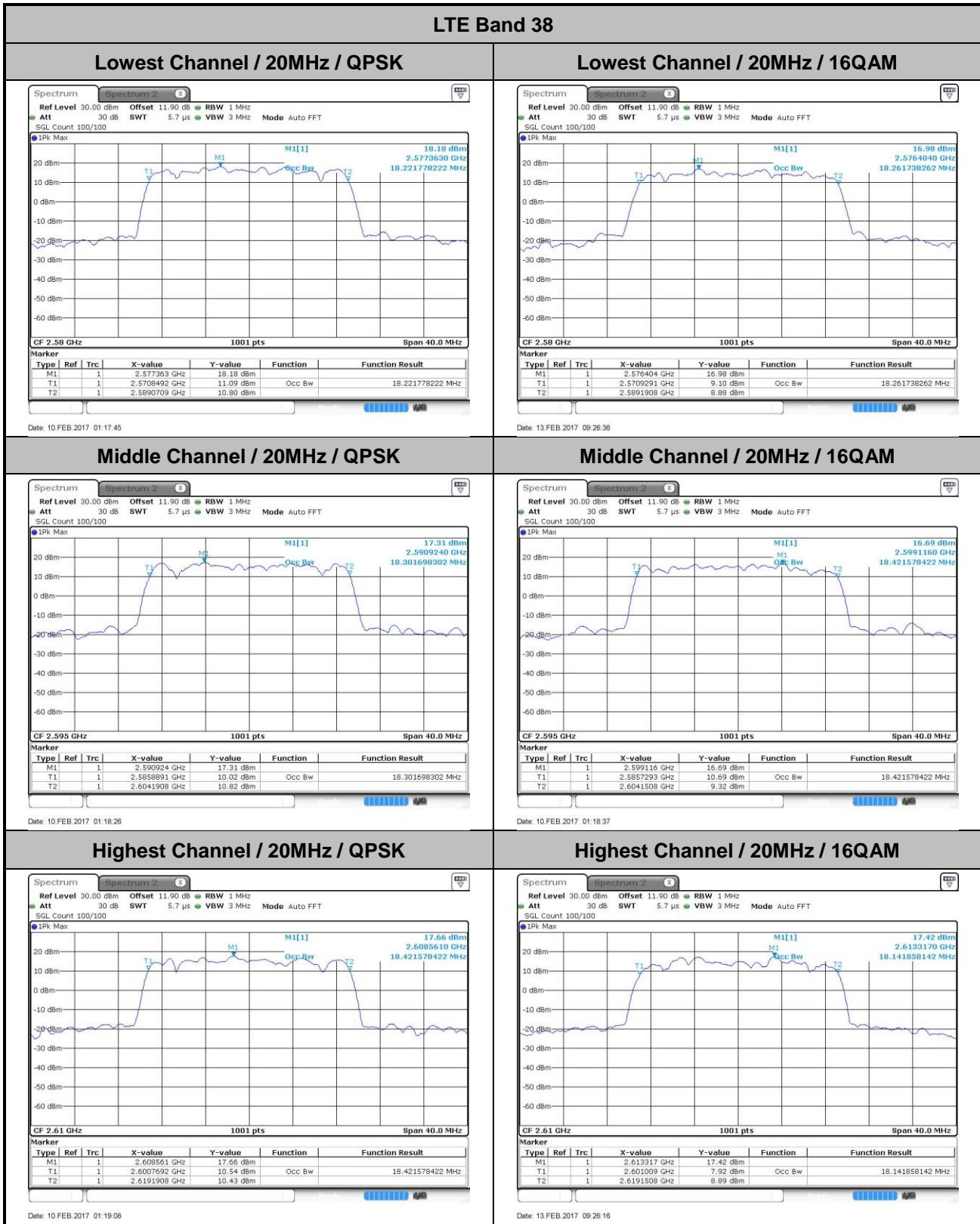
**Occupied Bandwidth**

Mode	LTE Band 38 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	8.99	8.97	13.43	13.43	18.22	18.26
Middle CH	-	-	-	-	4.47	4.5	9.03	8.97	13.49	13.52	18.3	18.42
Highest CH	-	-	-	-	4.51	4.49	9.05	9.01	13.49	13.4	18.42	18.14









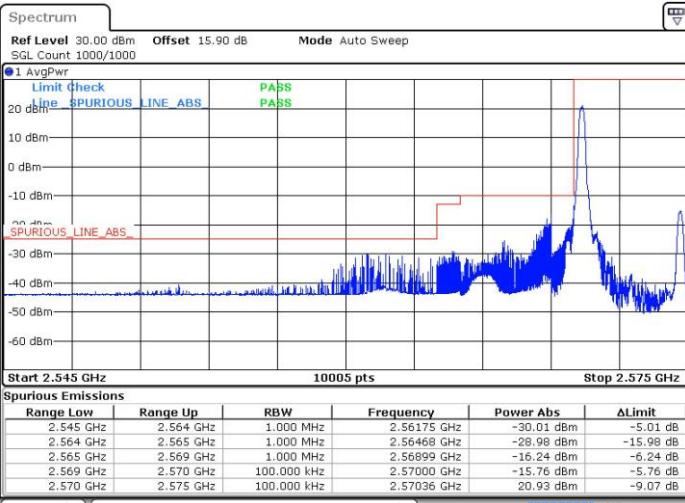


## Conducted Band Edge

### LTE Band 38 / 5MHz / QPSK

#### Lowest Band Edge / 1 RB

#### Highest Band Edge / 1 RB

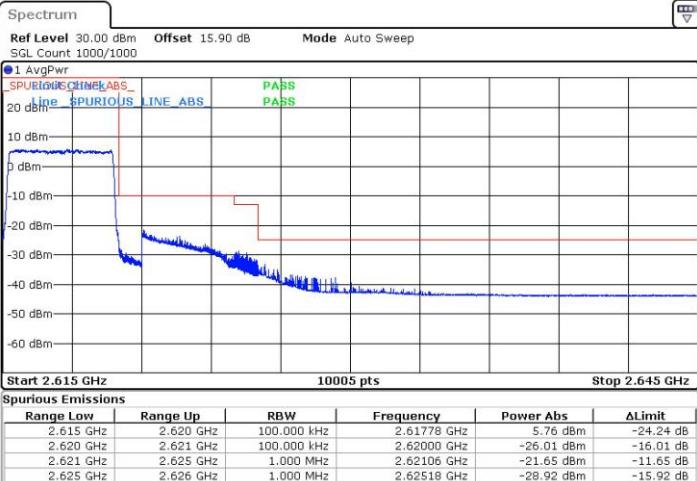
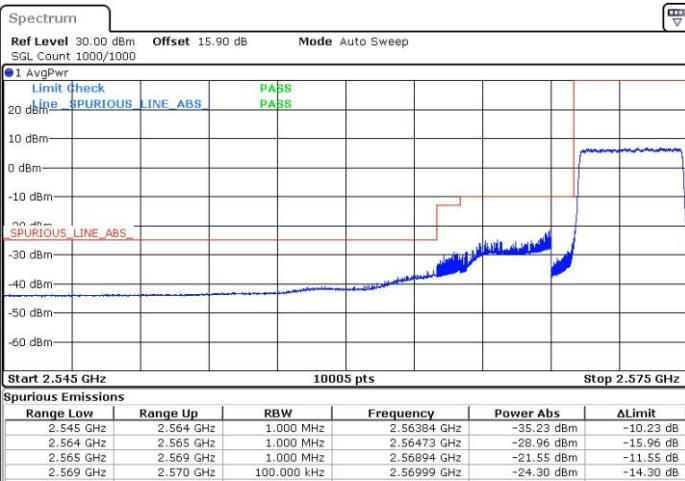


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#### Lowest Band Edge / Full RB

#### Highest Band Edge / Full RB



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Date: 10.FEB.2017 22:26:34

