



Conducted Spurious Emission

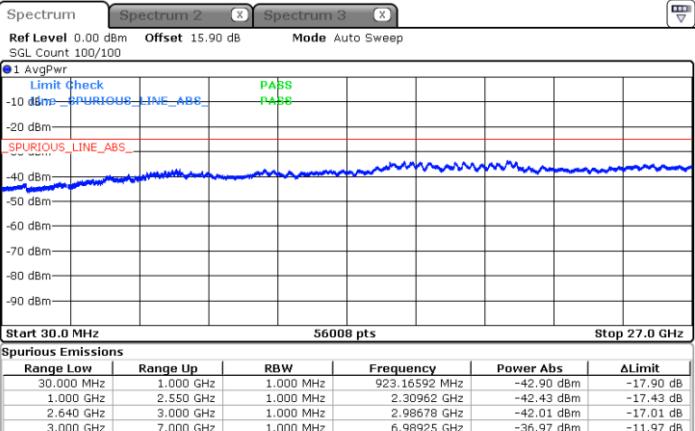
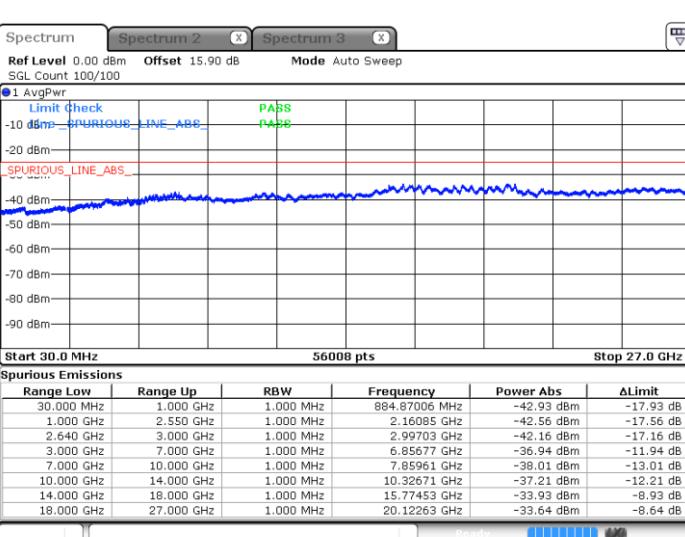




LTE Band 38 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



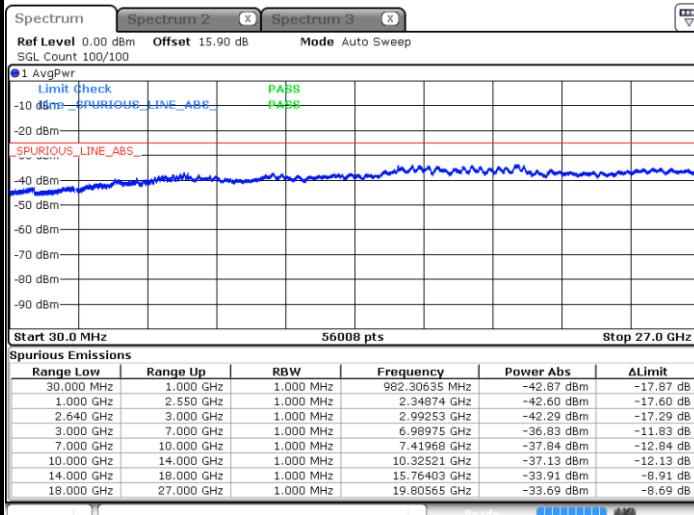
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LTE Band 38 / 10MHz

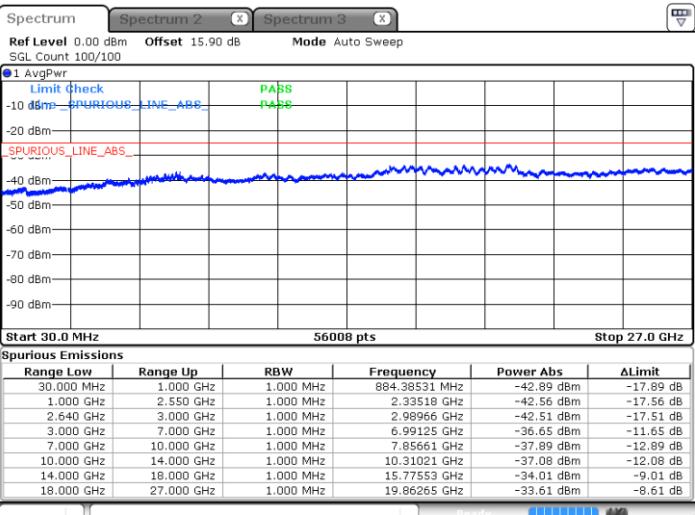
Lowest Channel / QPSK

Lowest Channel / 16QAM



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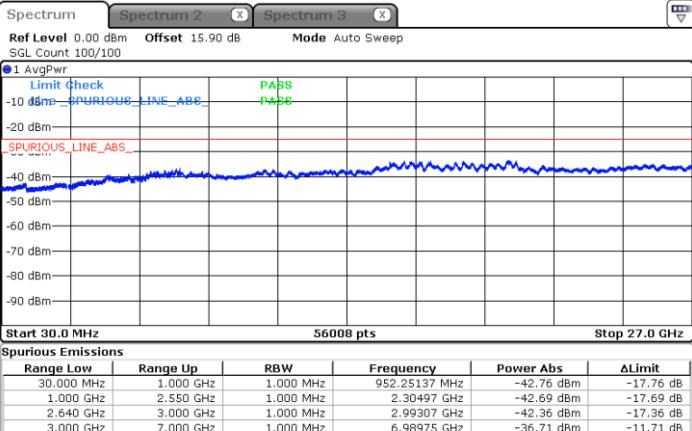
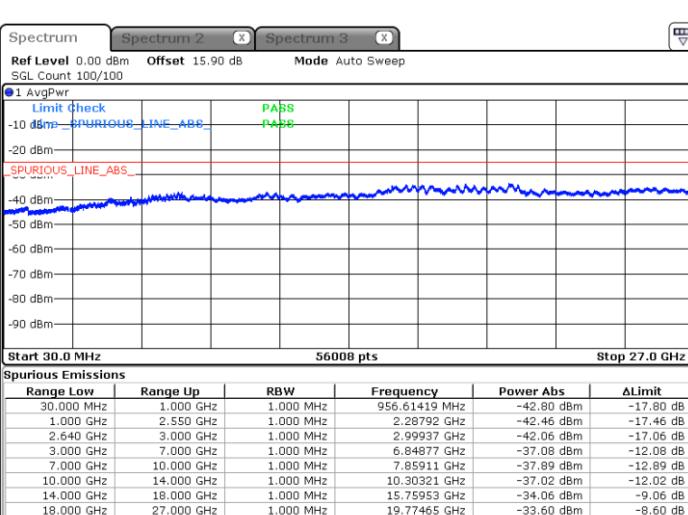




LTE Band 38 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



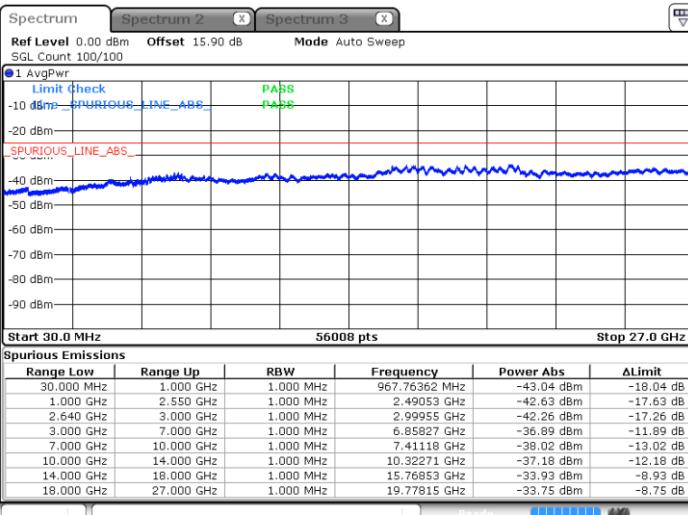
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LTE Band 38 / 20MHz

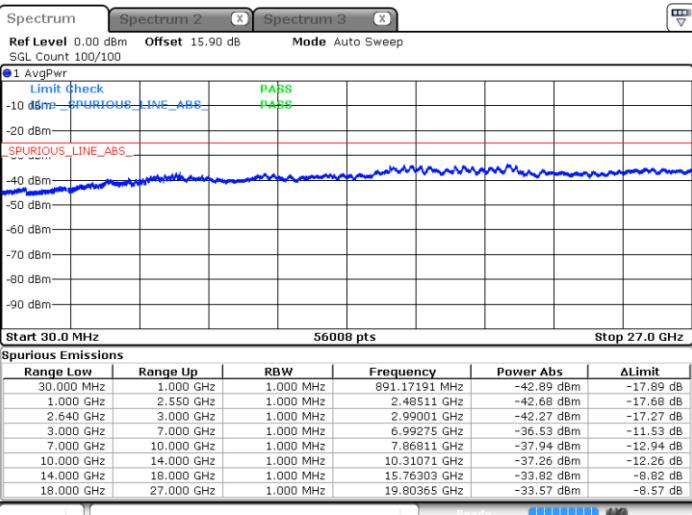
Lowest Channel / QPSK

Lowest Channel / 16QAM



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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	0.0092	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0095	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0097	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0089	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

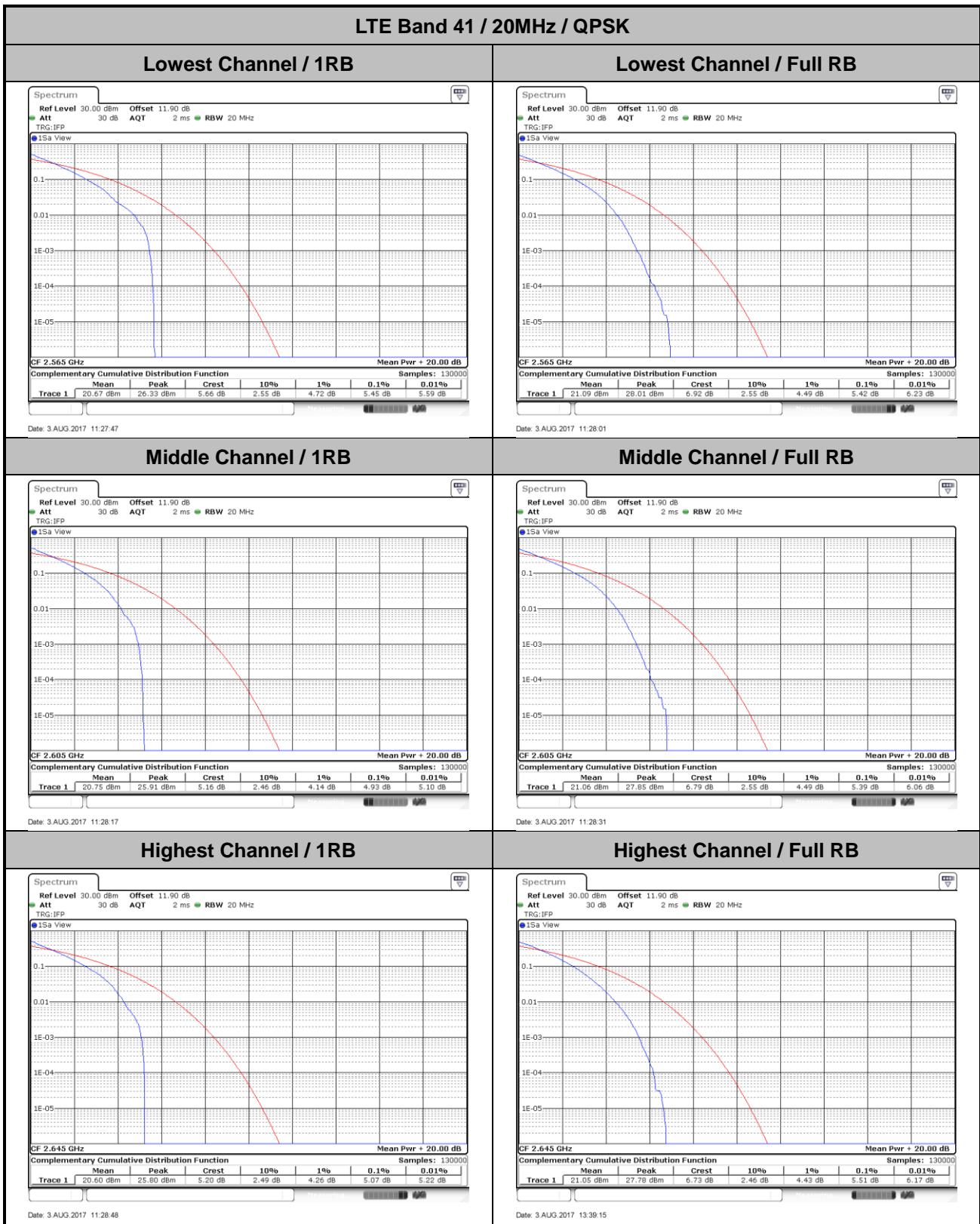
1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

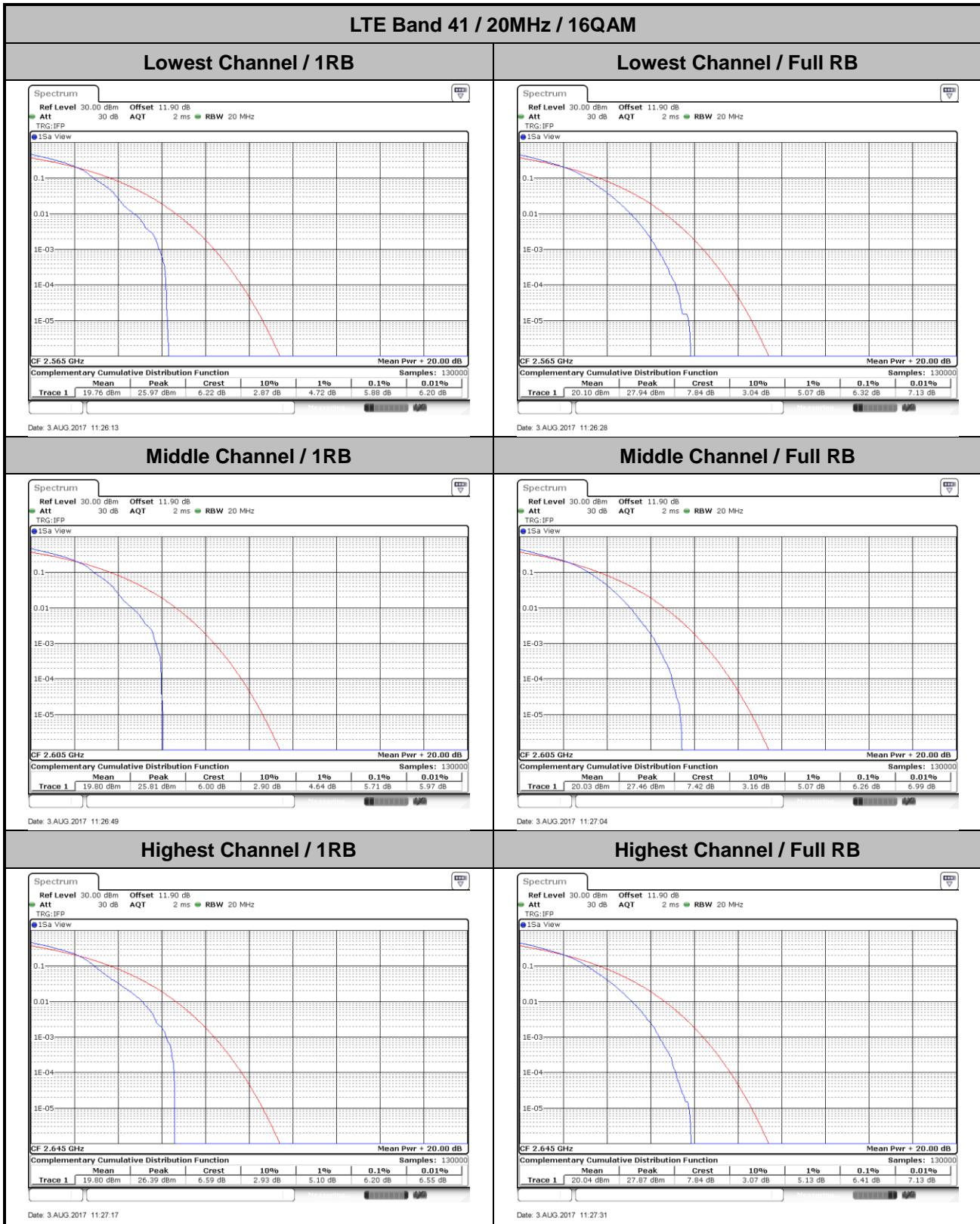


LTE Band 41

Peak-to-Average Ratio

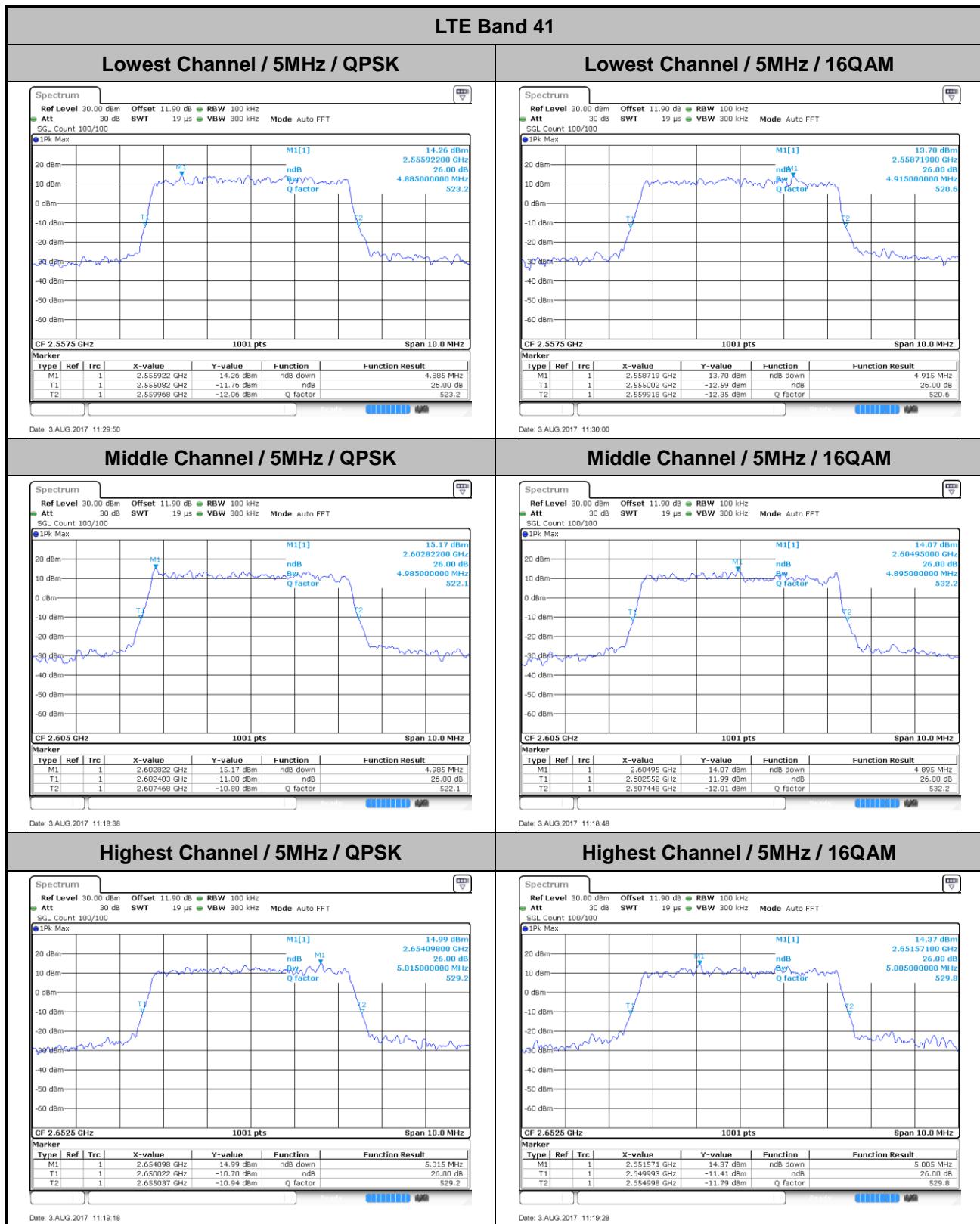
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.45	5.42	5.88	6.32	
Middle CH	4.93	5.39	5.71	6.26	PASS
Highest CH	5.07	5.51	6.2	6.41	

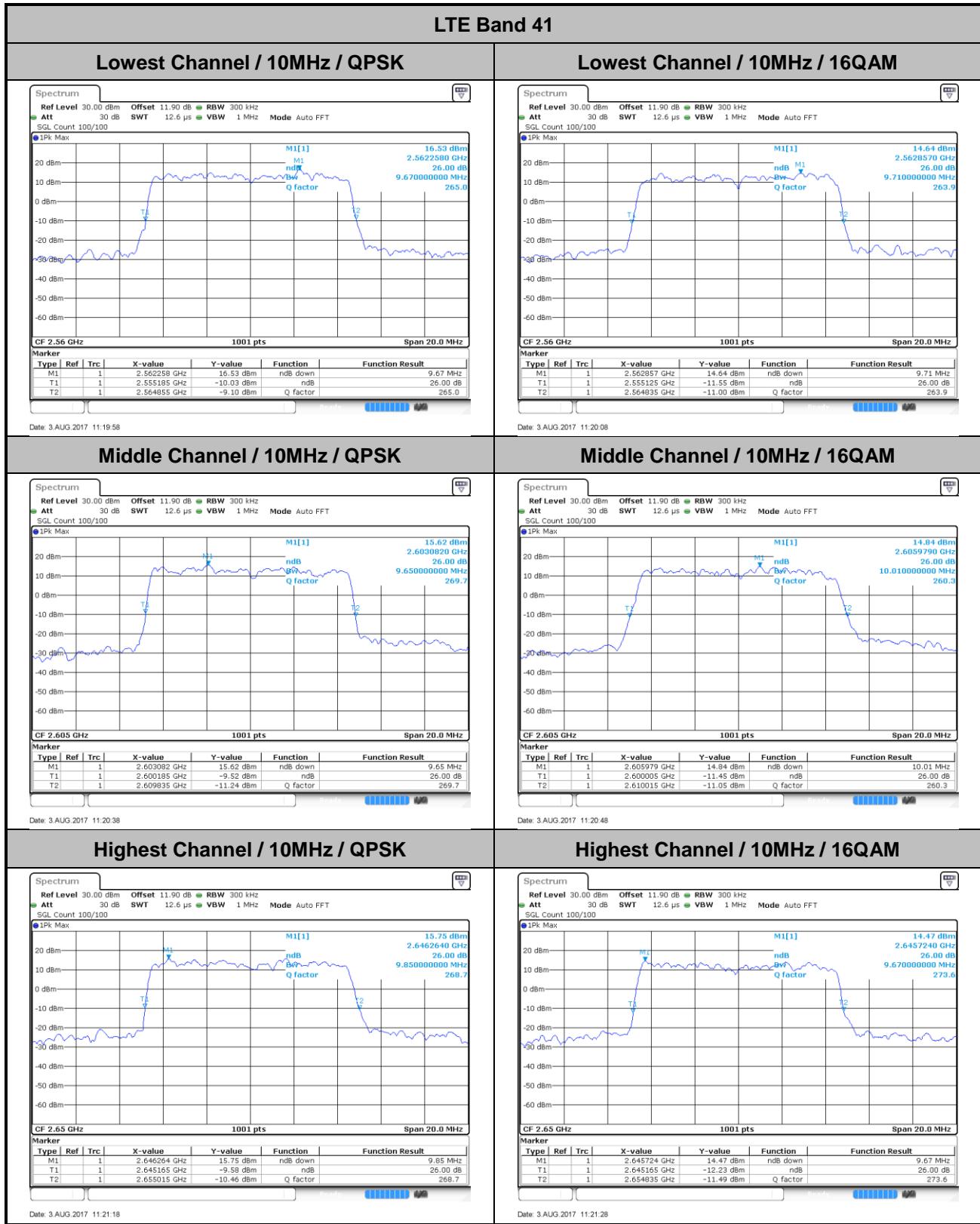


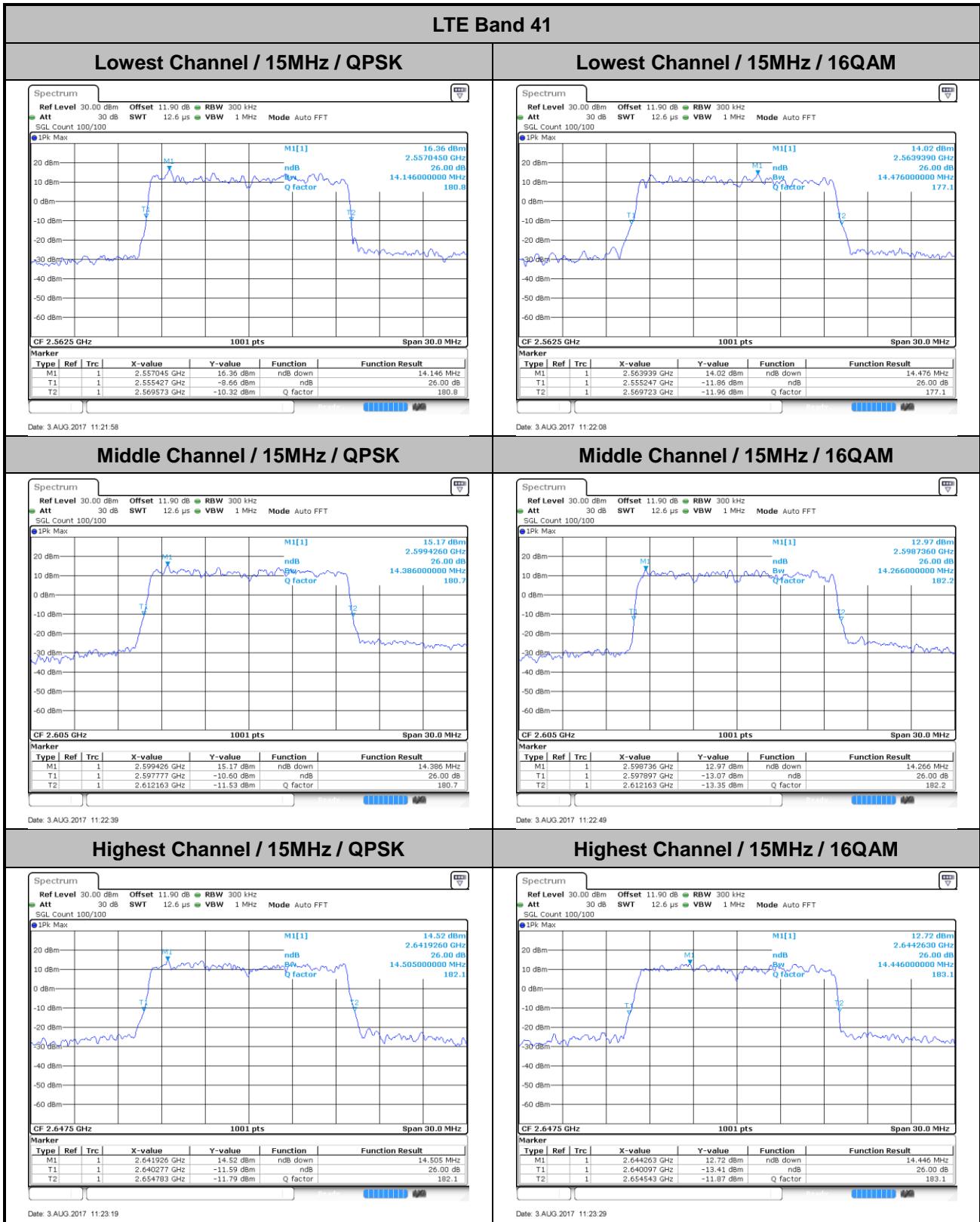


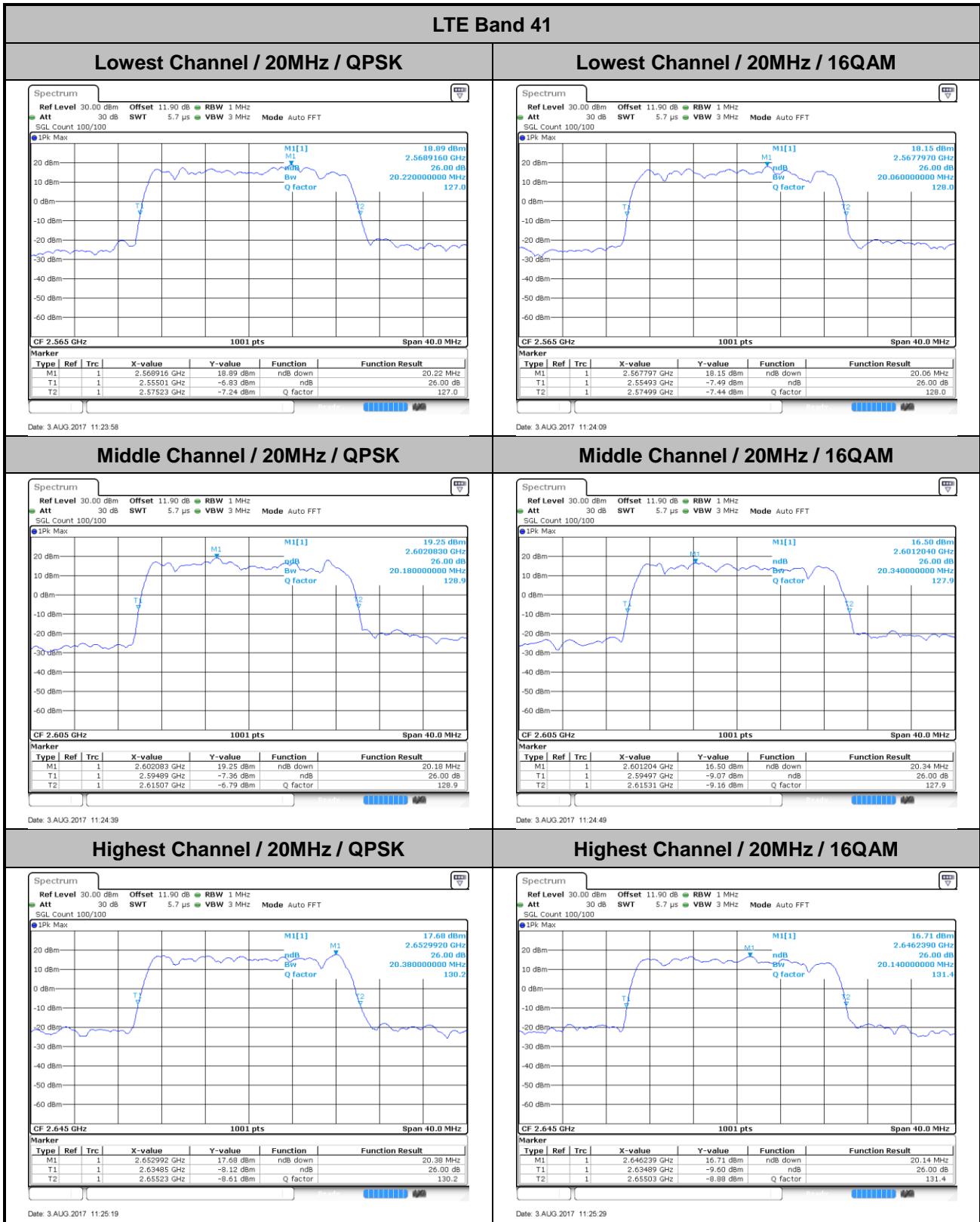
**26dB Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.89	4.92	9.67	9.71	14.15	14.48	20.22	20.06
Middle CH	-	-	-	-	4.99	4.90	9.65	10.01	14.39	14.27	20.18	20.34
Highest CH	-	-	-	-	5.02	5.01	9.85	9.67	14.51	14.45	20.38	20.14



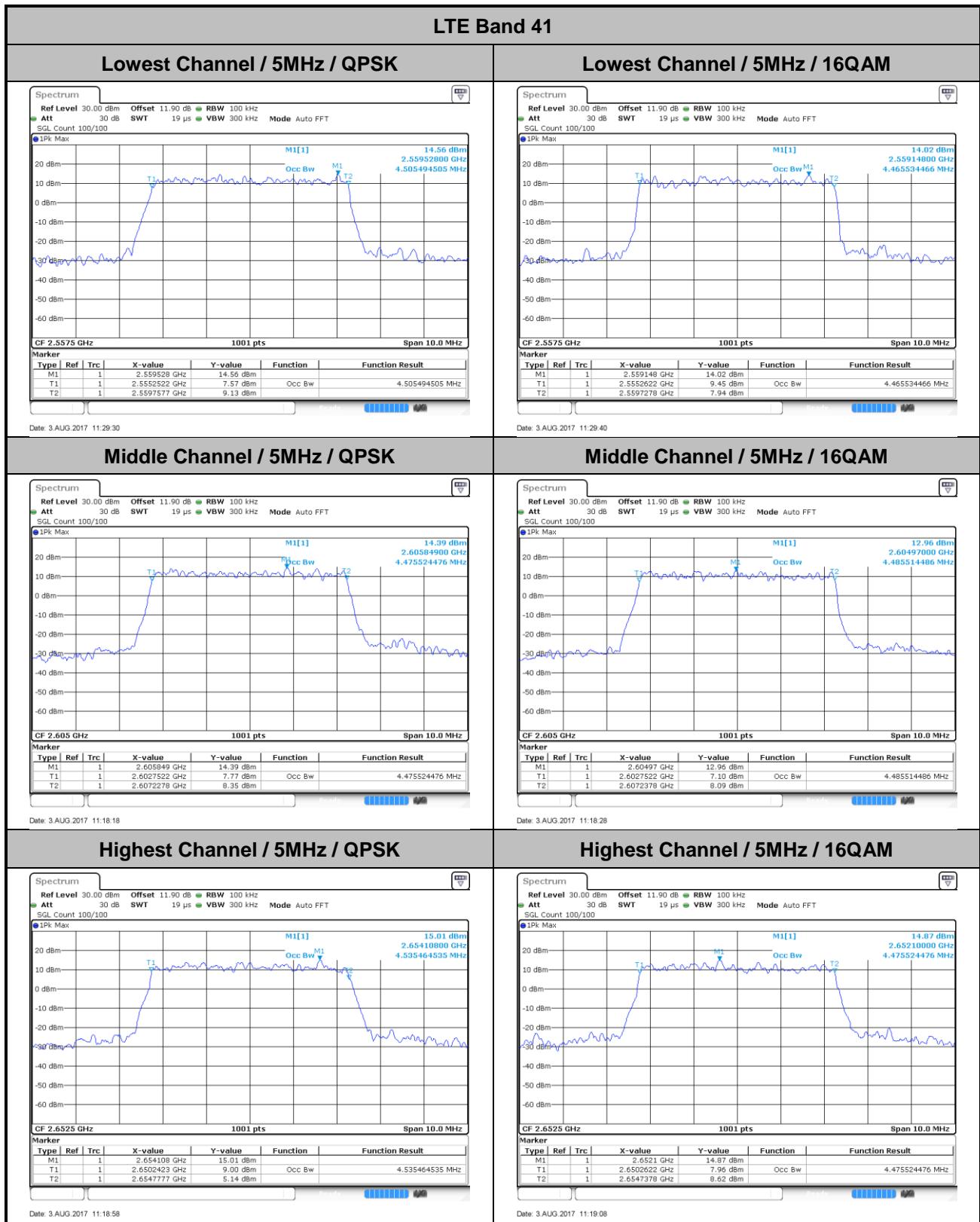


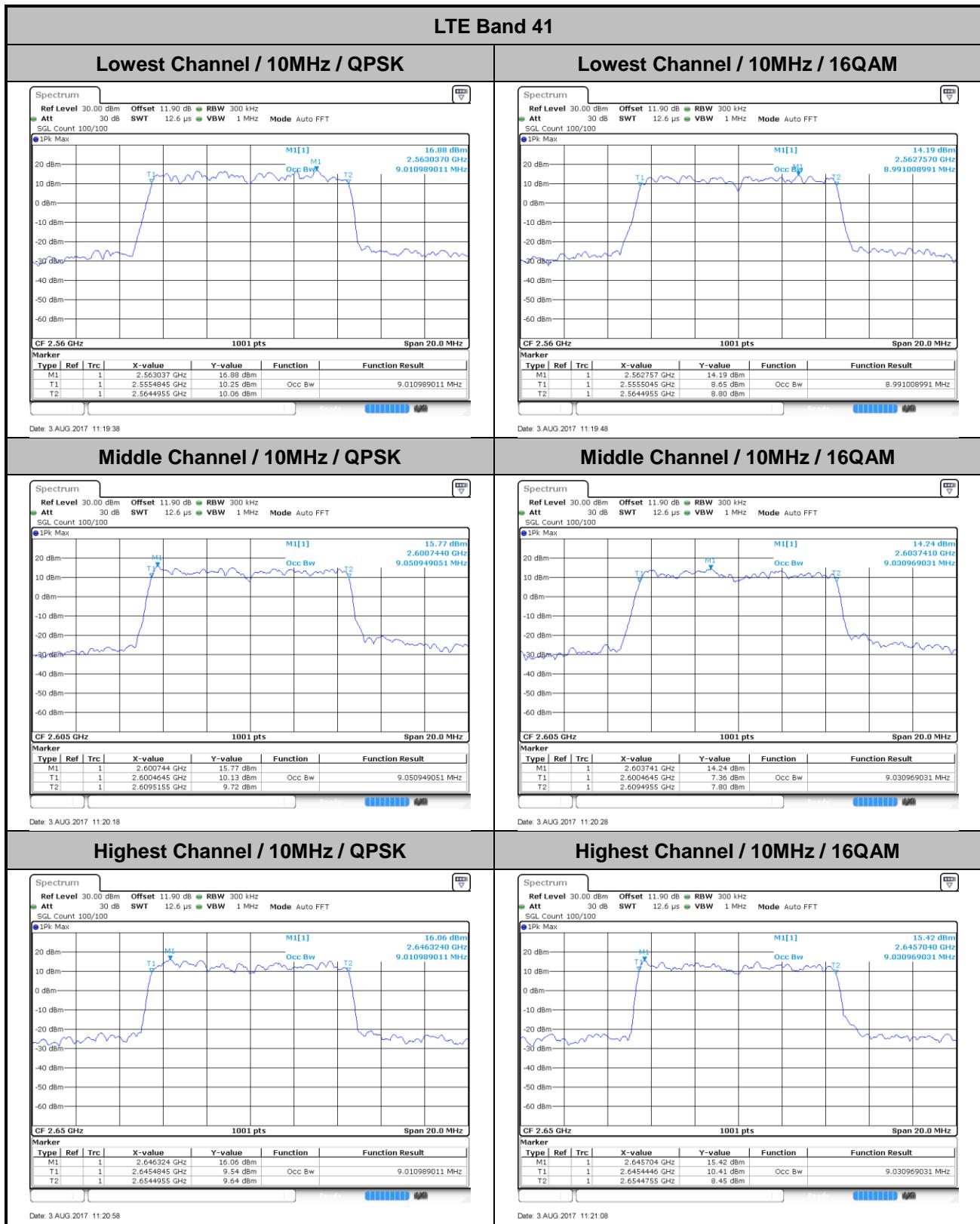


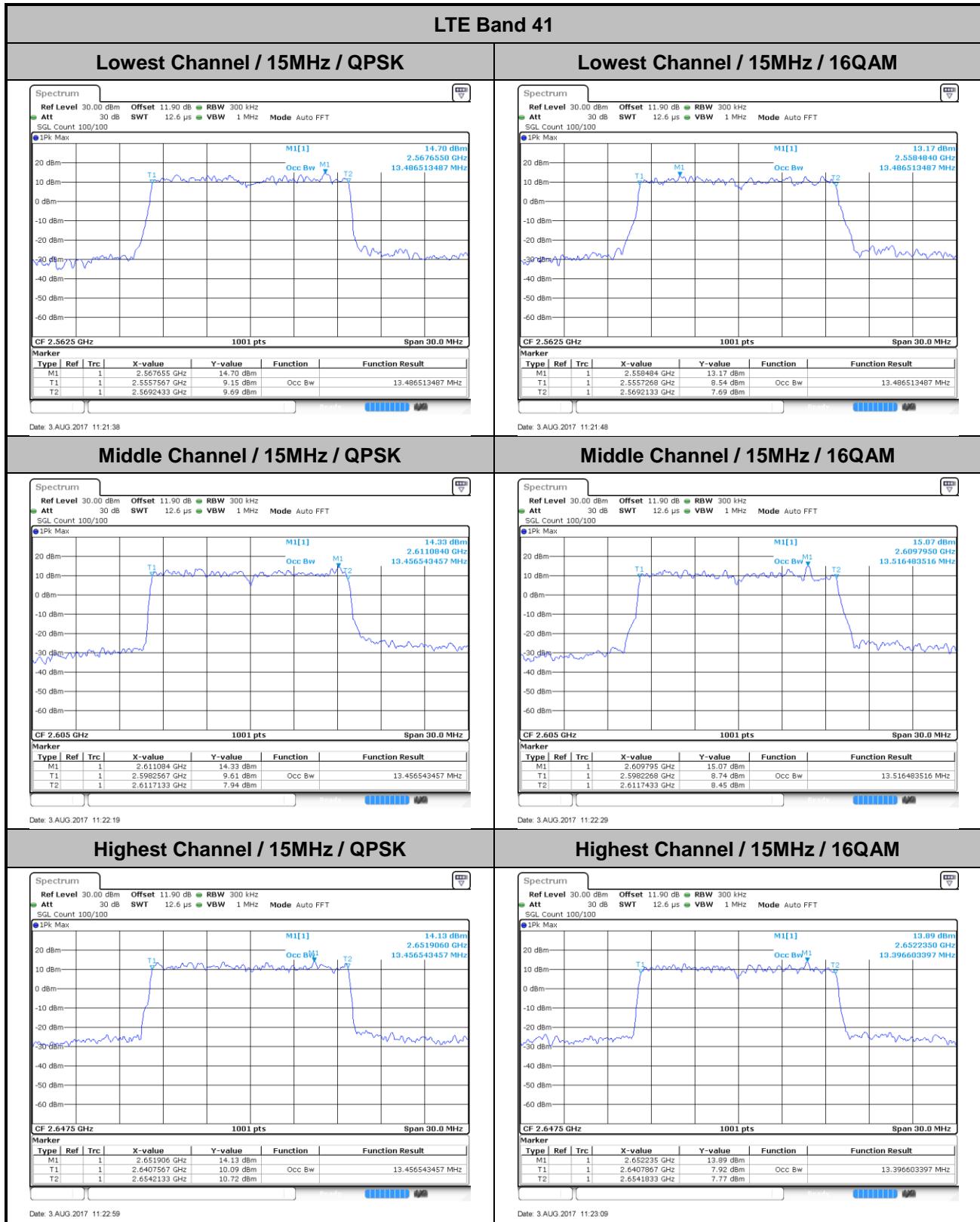


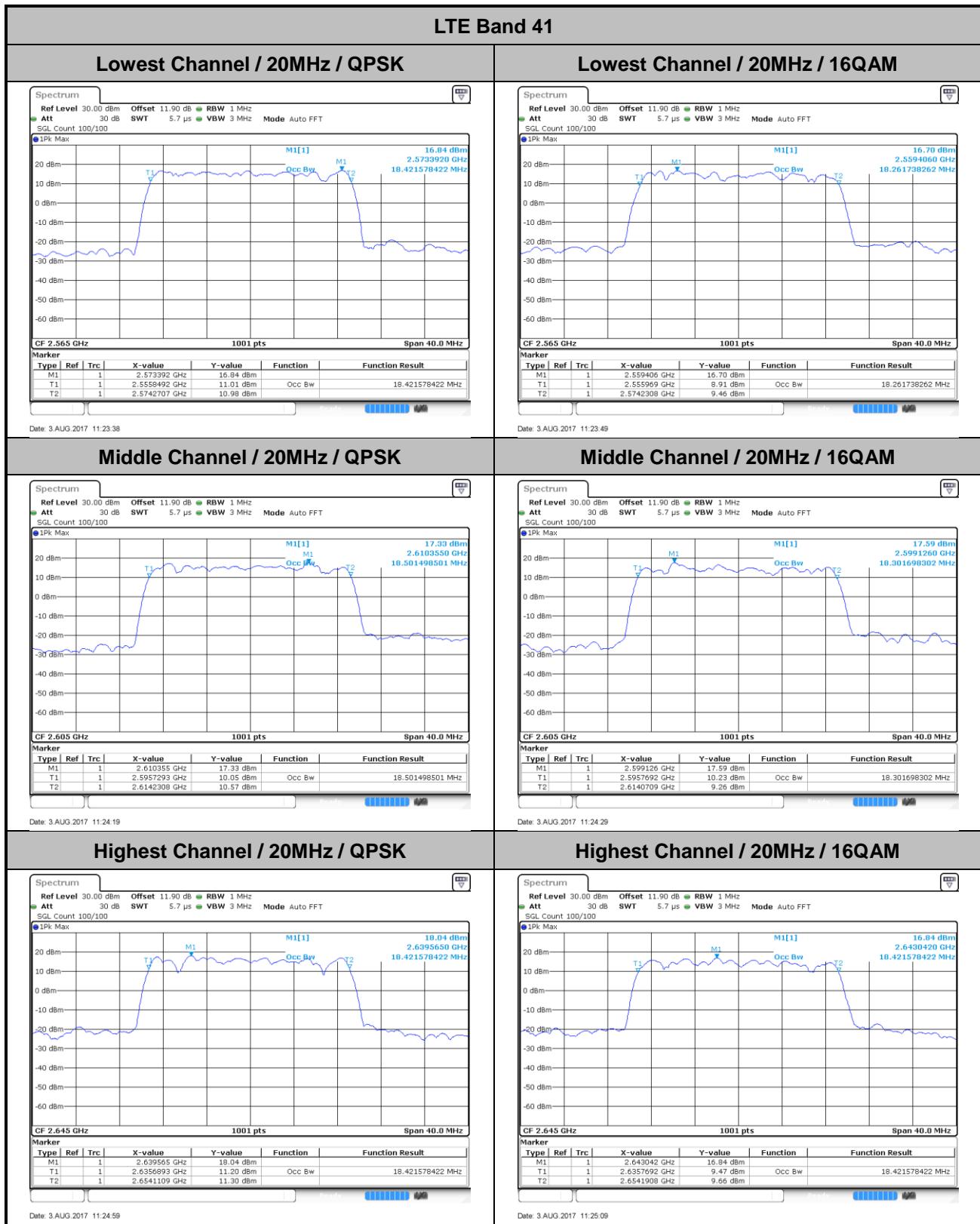
**Occupied Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.51	4.47	9.01	8.99	13.49	13.49	18.42	18.26
Middle CH	-	-	-	-	4.48	4.49	9.05	9.03	13.46	13.52	18.5	18.3
Highest CH	-	-	-	-	4.54	4.48	9.01	9.03	13.46	13.4	18.42	18.42











Conducted Band Edge

