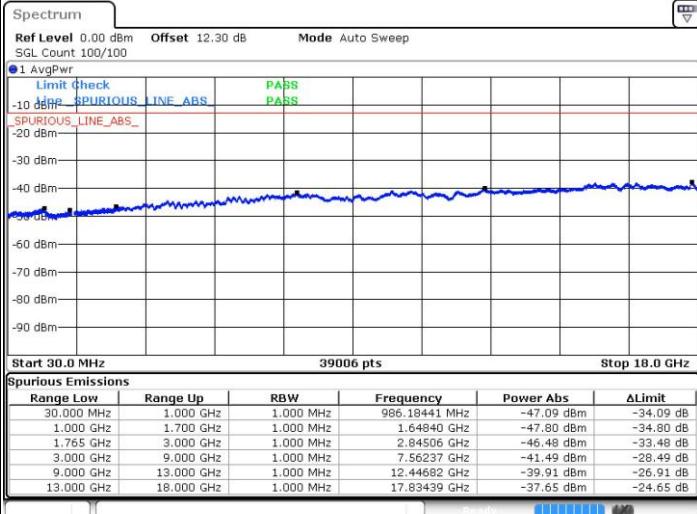
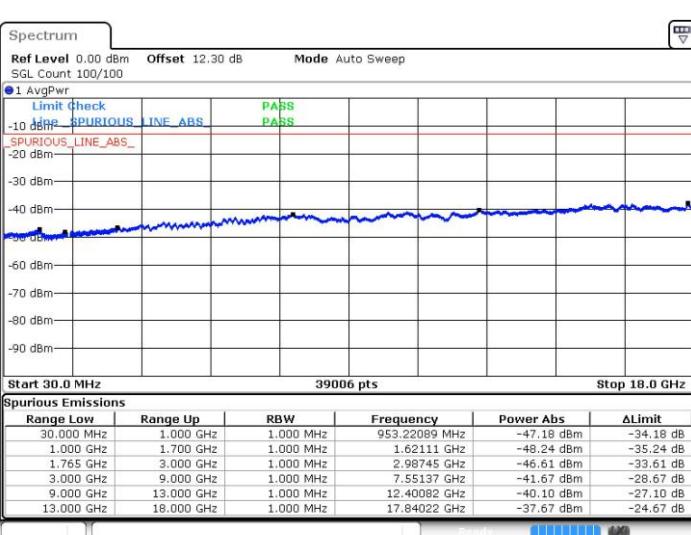




LTE Band 4 / 15MHz

Highest Channel / QPSK

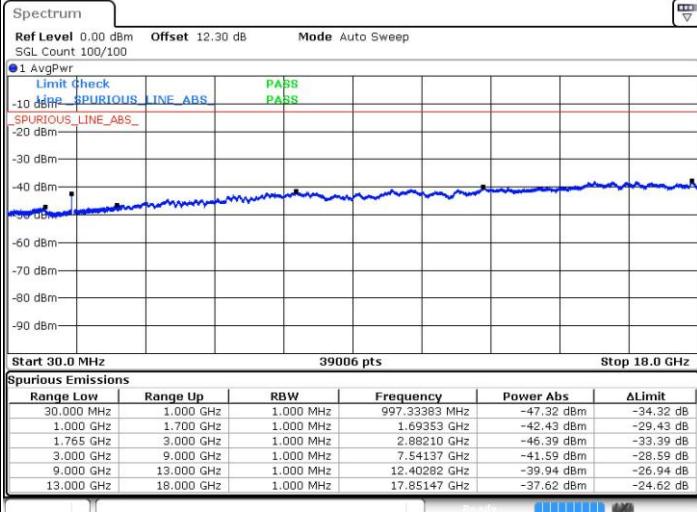
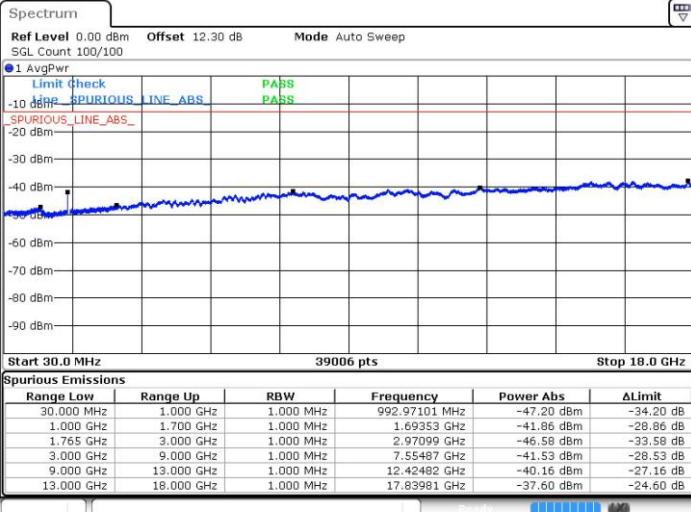
Highest Channel / 16QAM

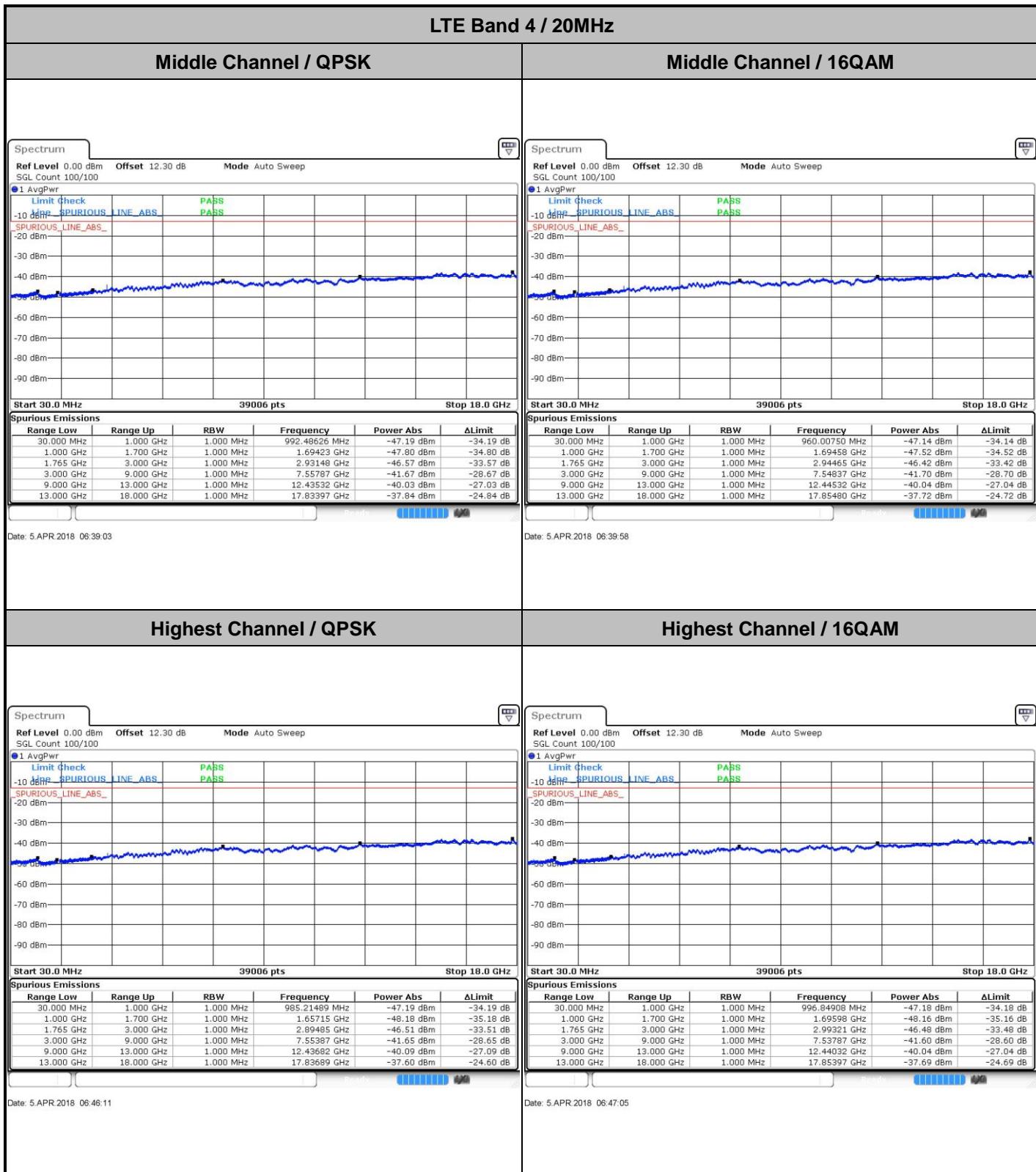


LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM







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	0.0027	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0051	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0033	

Note:

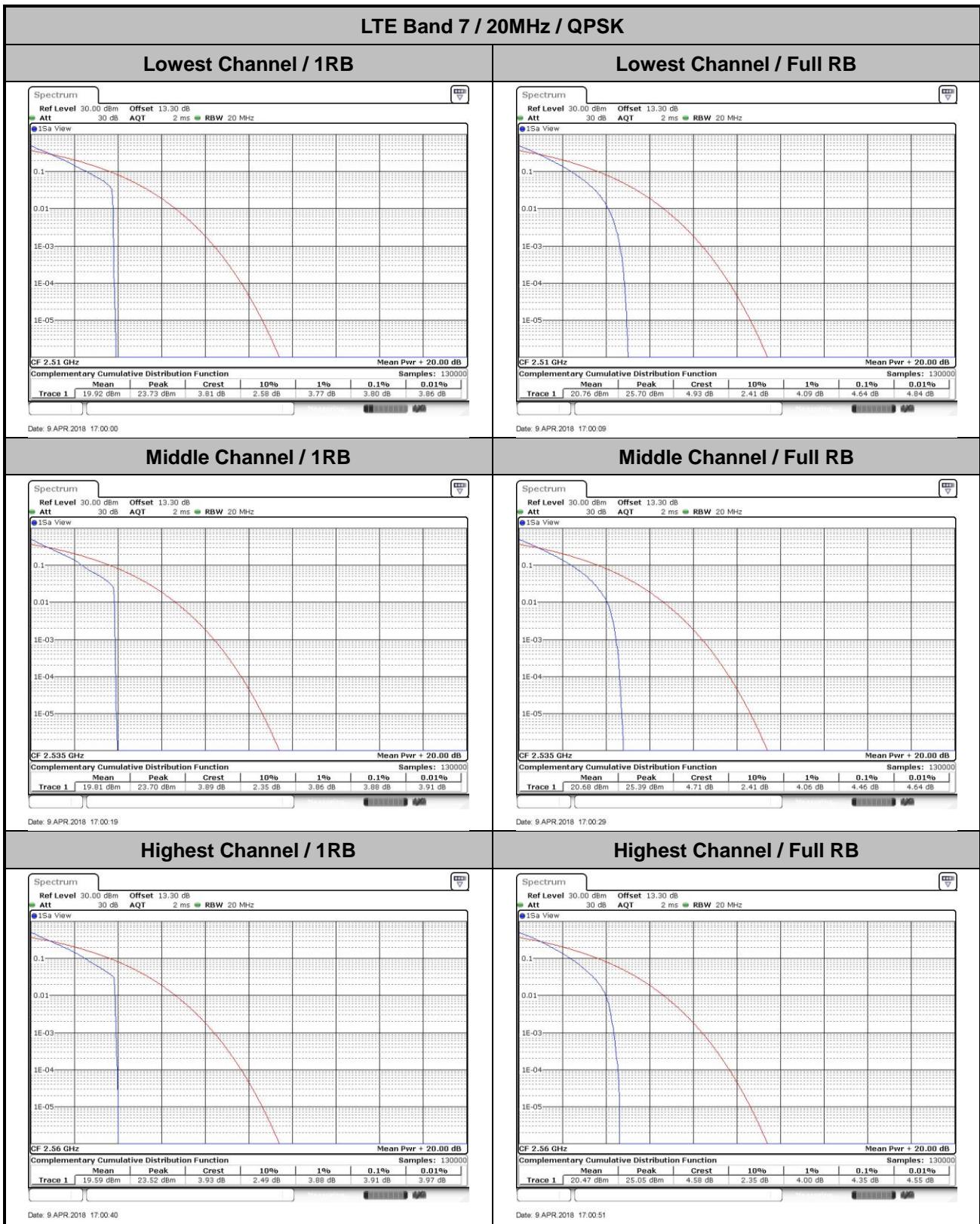
1. Normal Voltage =120 V. ; Battery End Point (BEP) =102 V. ; Maximum Voltage =138 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

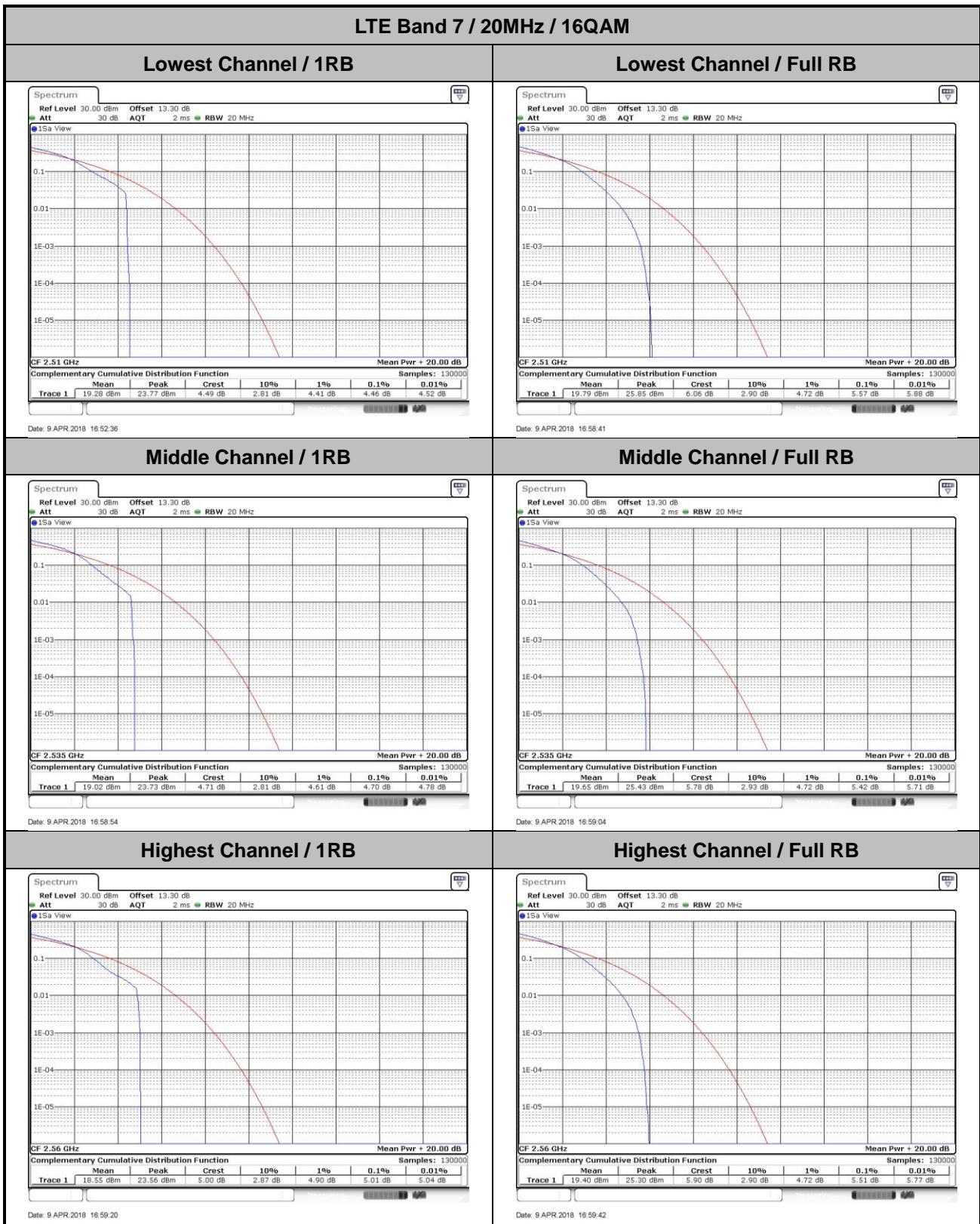


LTE Band 7

Peak-to-Average Ratio

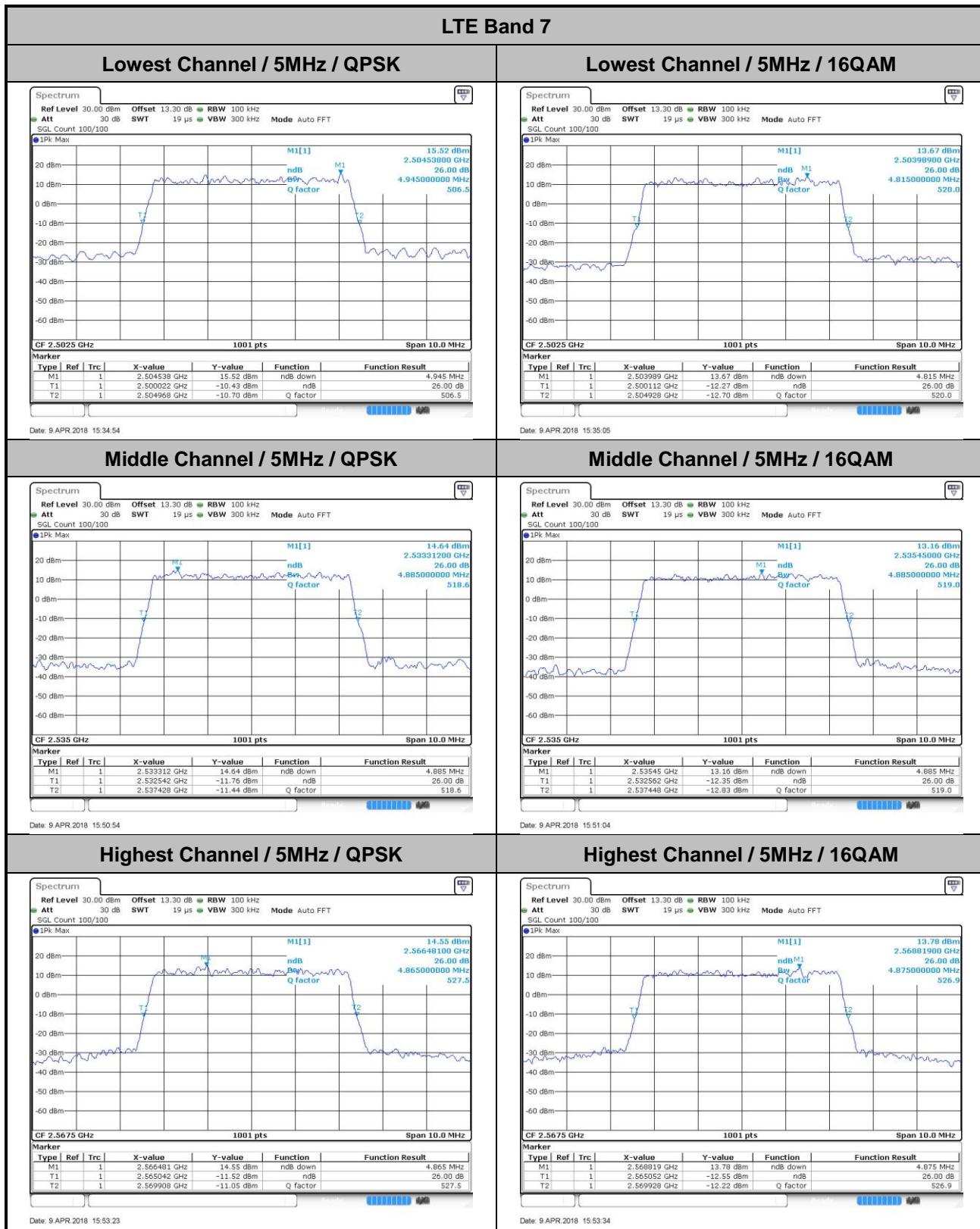
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.8	4.64	4.46	5.57	
Middle CH	3.88	4.46	4.7	5.42	PASS
Highest CH	3.91	4.35	5.01	5.51	

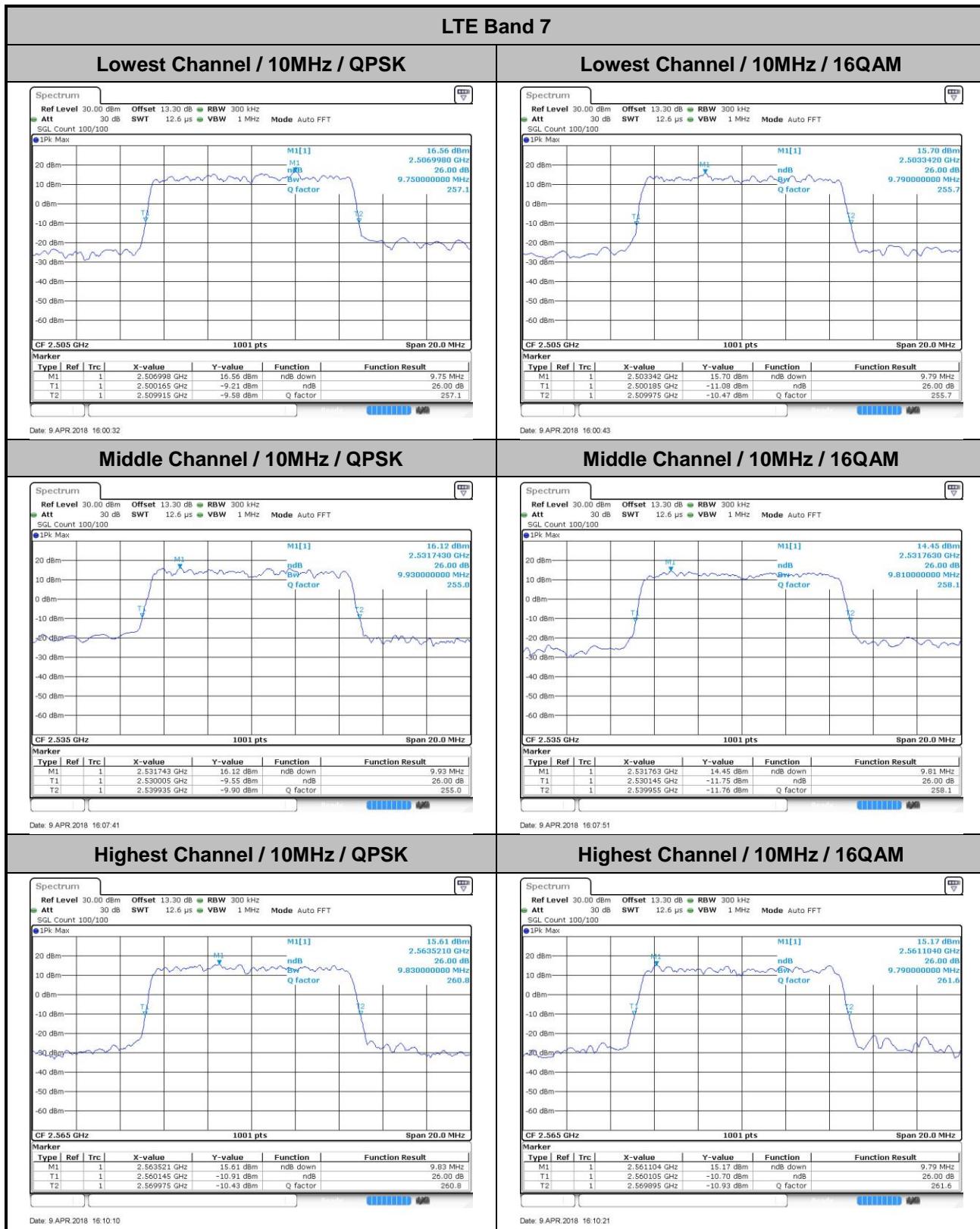


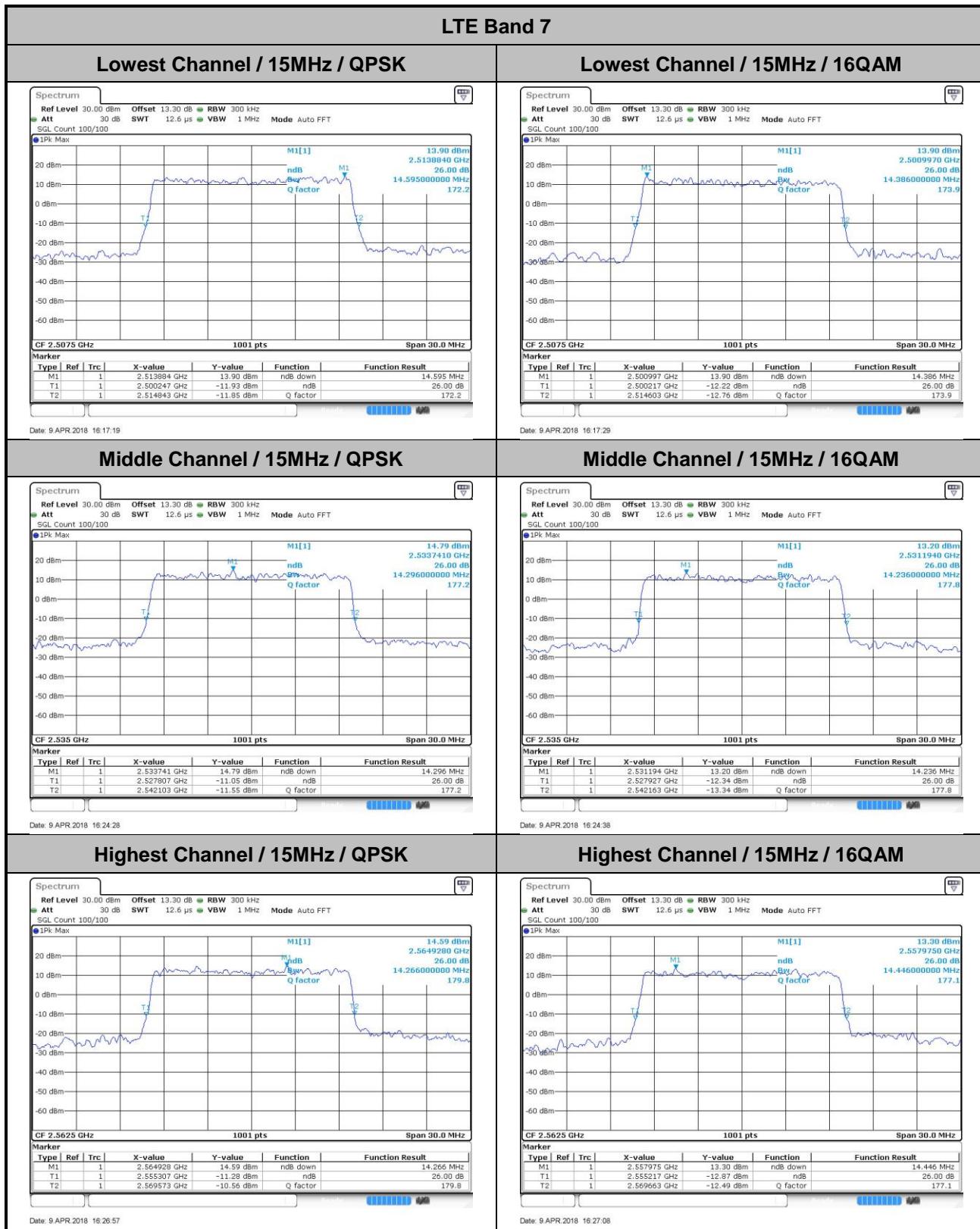


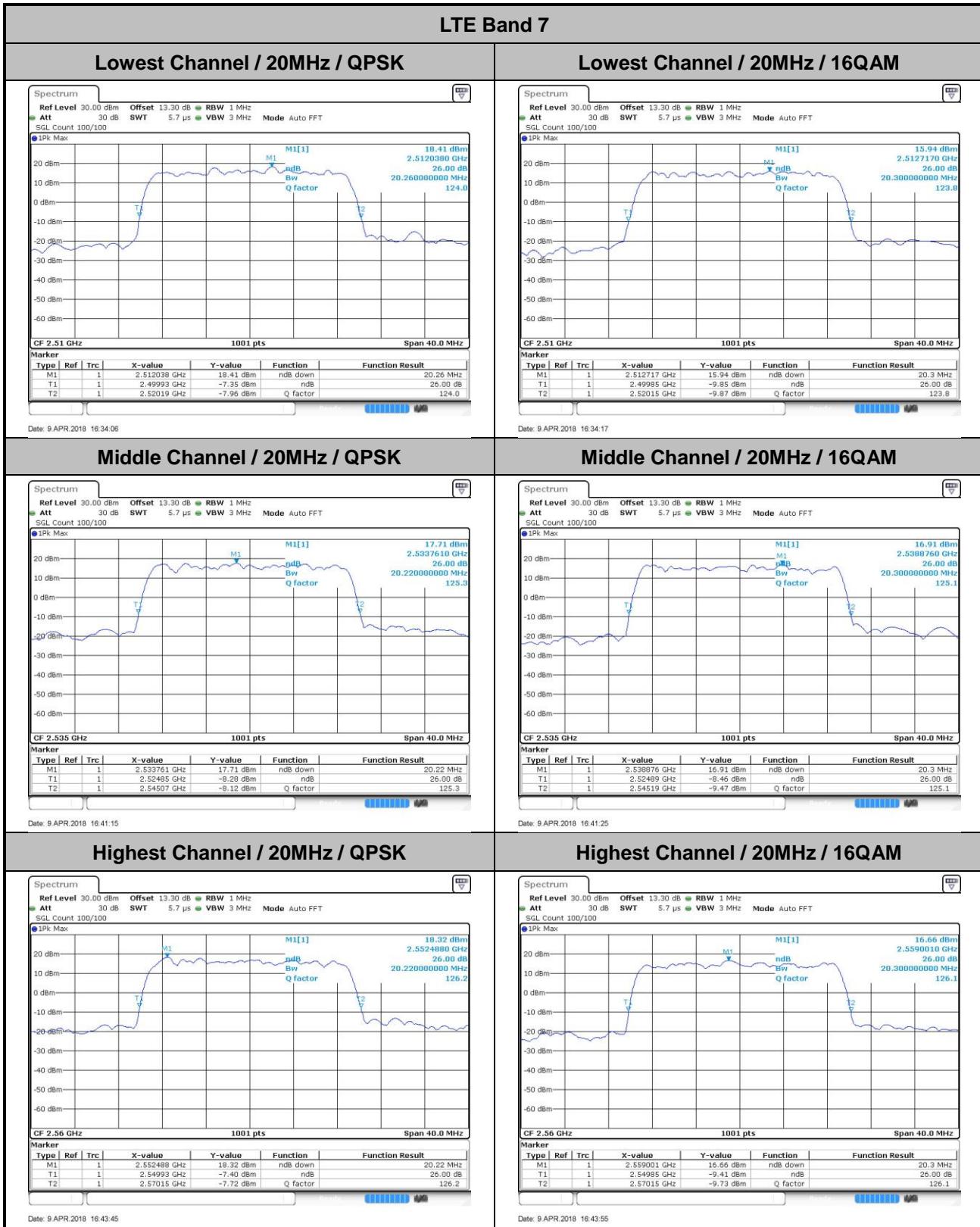
**26dB Bandwidth**

Mode	LTE Band 7 : 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	-	-	-	-	4.95	4.82	9.75	9.79	14.60	14.39	20.26	20.30
Middle CH	-	-	-	-	4.89	4.89	9.93	9.81	14.30	14.24	20.22	20.30
Highest CH	-	-	-	-	4.87	4.88	9.83	9.79	14.27	14.45	20.22	20.30



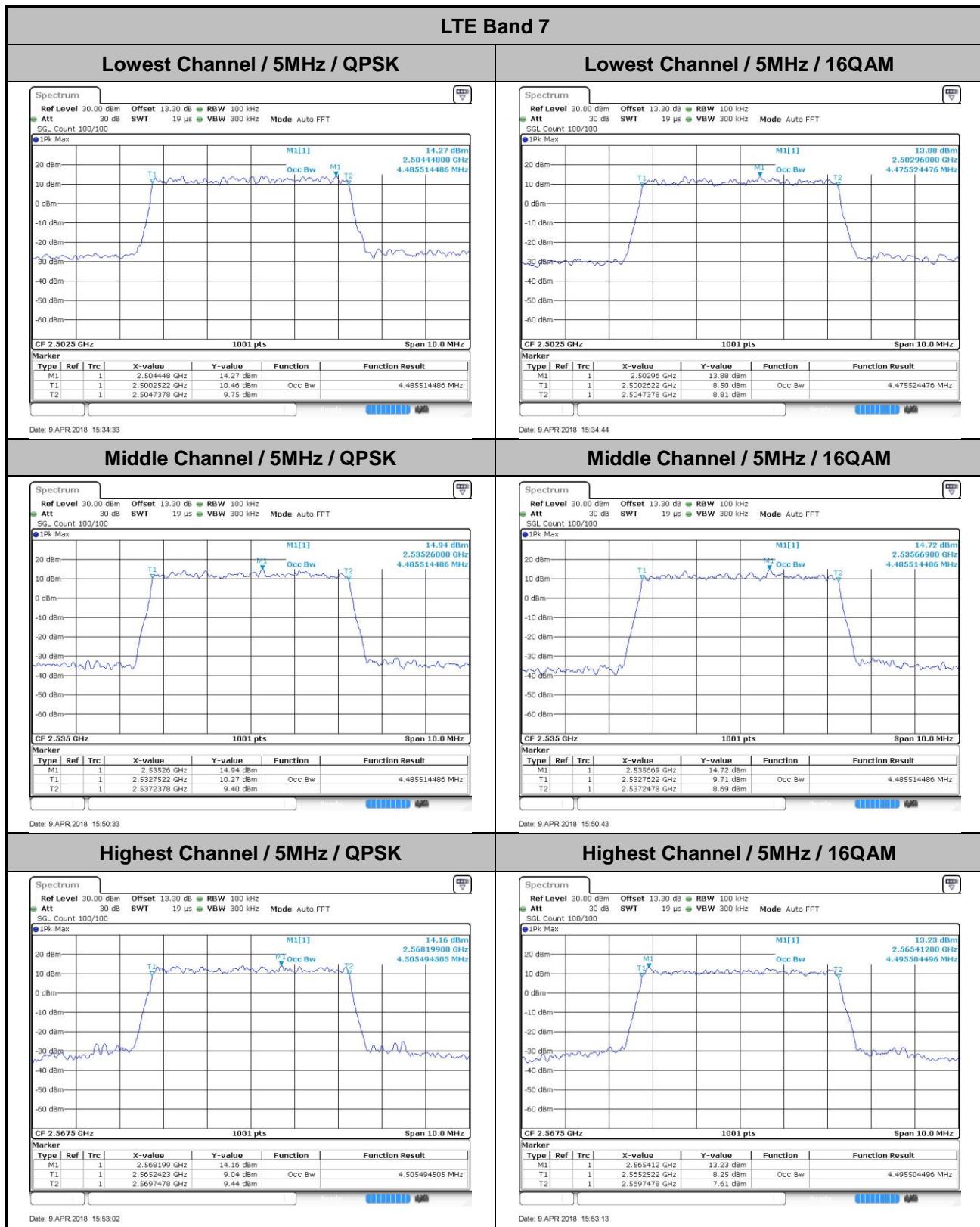


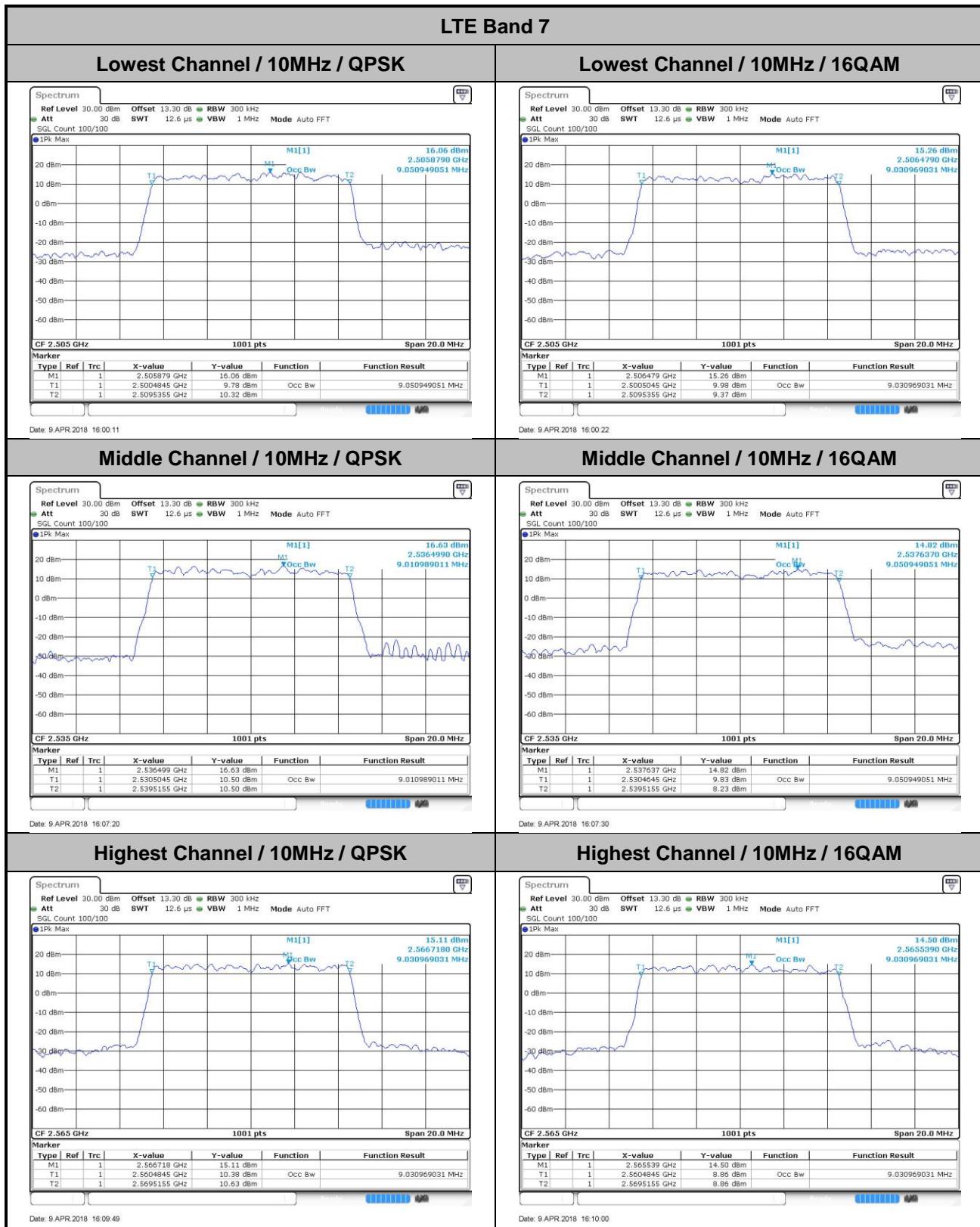


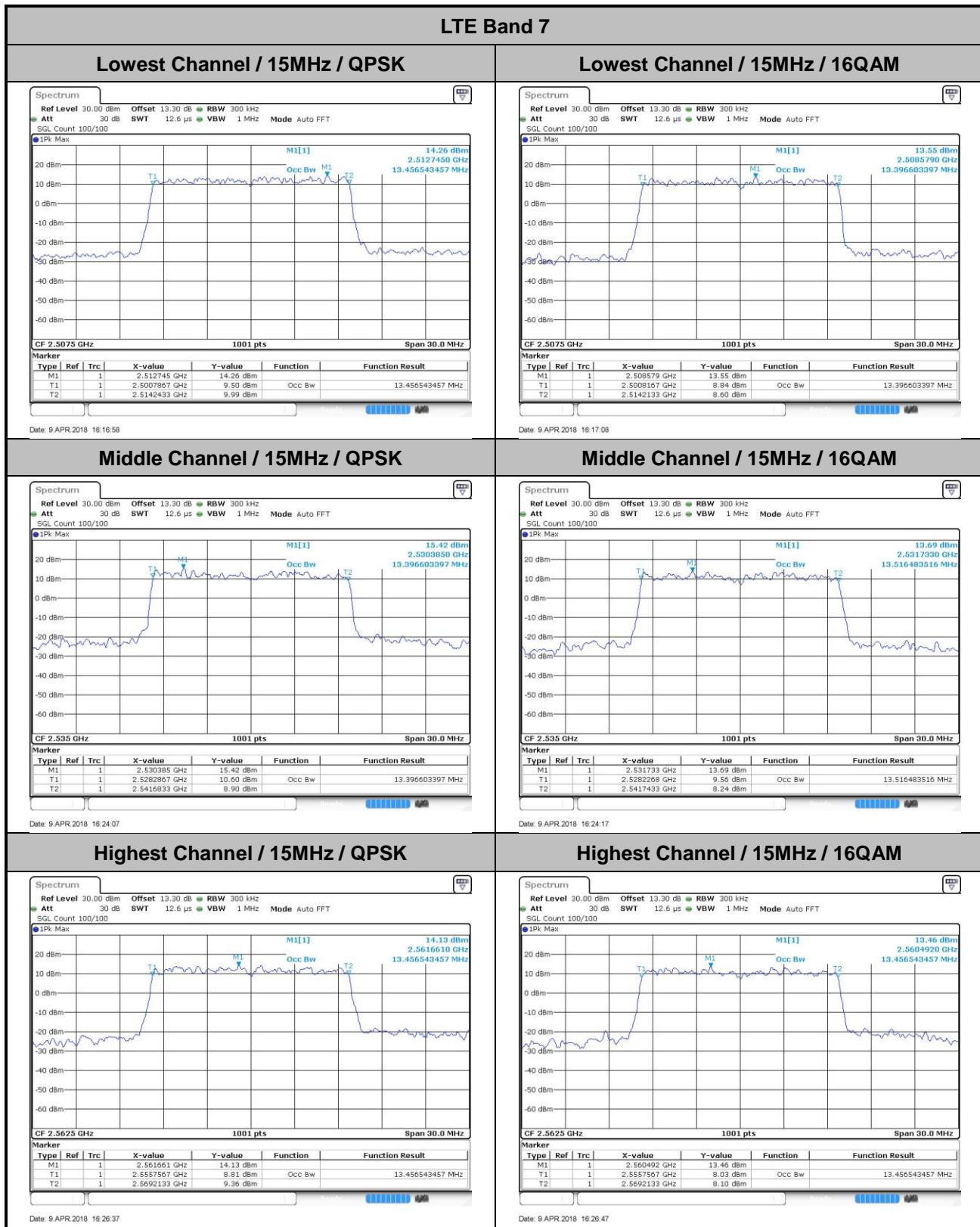


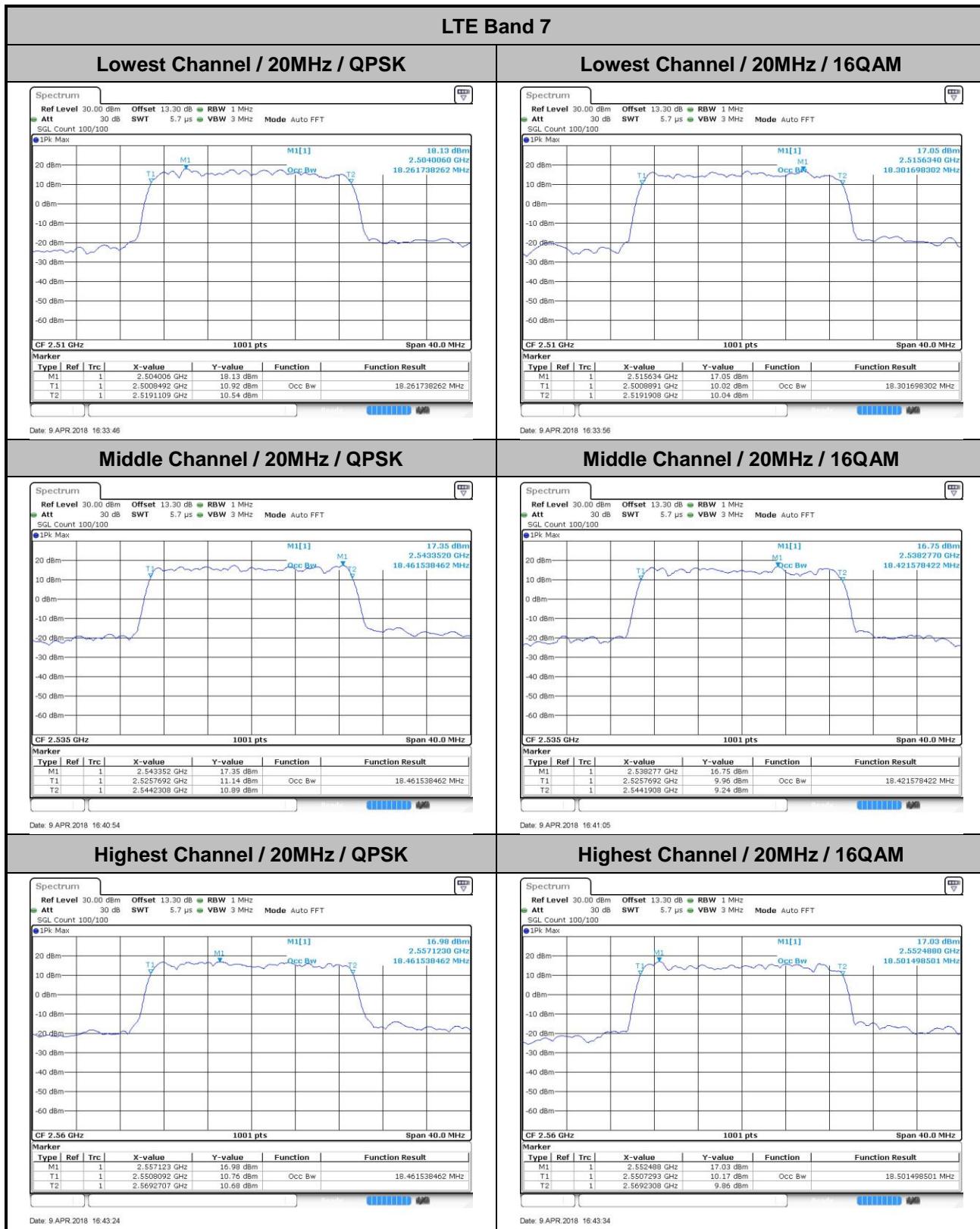
**Occupied Bandwidth**

Mode	LTE Band 7 : 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	4.48	9.05	9.03	13.46	13.4	18.26	18.3
Middle CH	-	-	-	-	4.49	4.49	9.01	9.05	13.4	13.52	18.46	18.42
Highest CH	-	-	-	-	4.51	4.5	9.03	9.03	13.46	13.46	18.46	18.5











Conducted Band Edge

