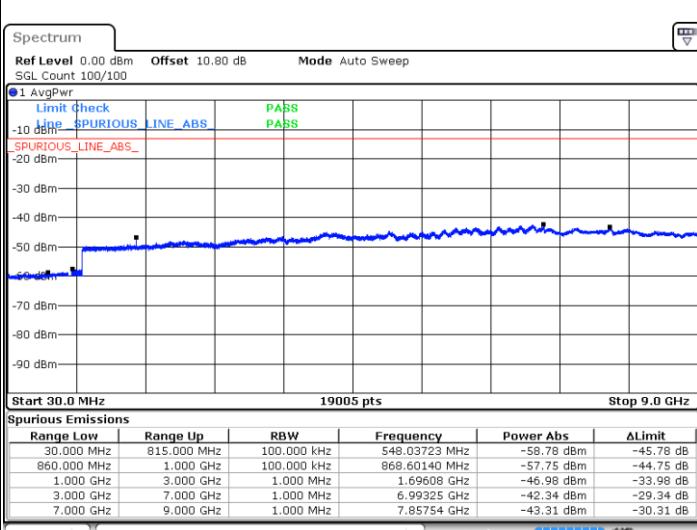
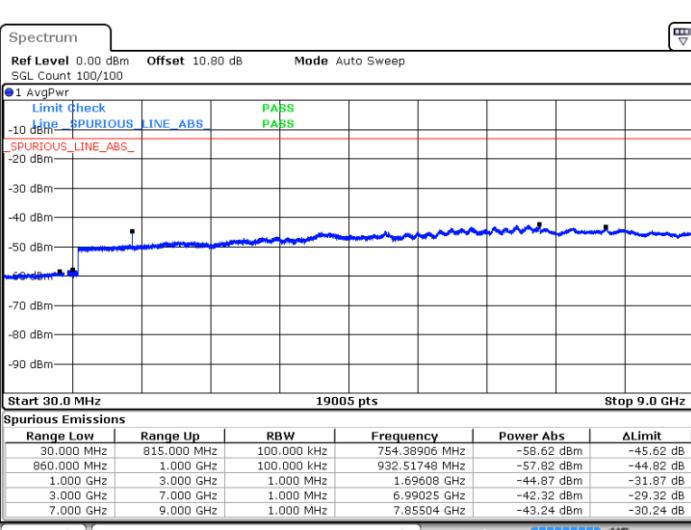




LTE Band 5 / 1.4MHz

Highest Channel / QPSK

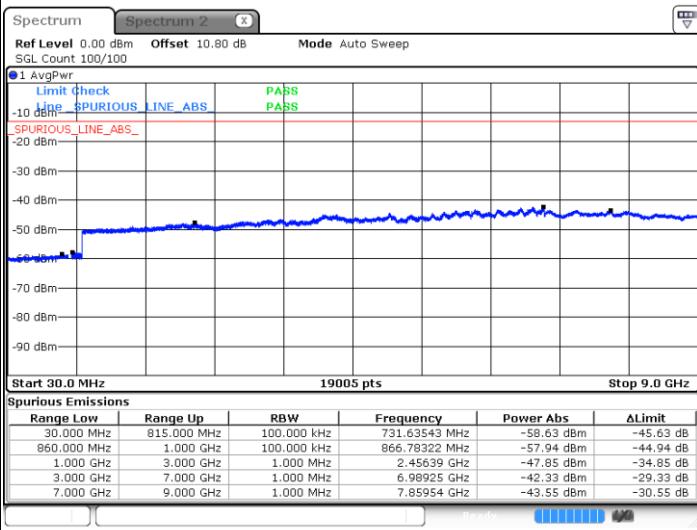
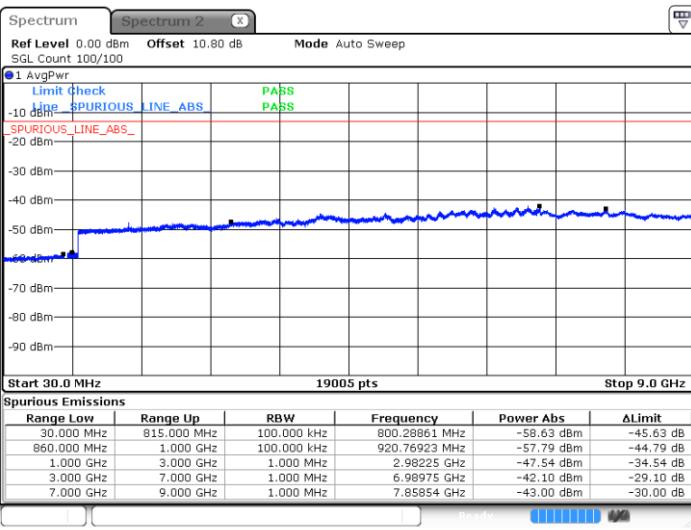
Highest Channel / 16QAM

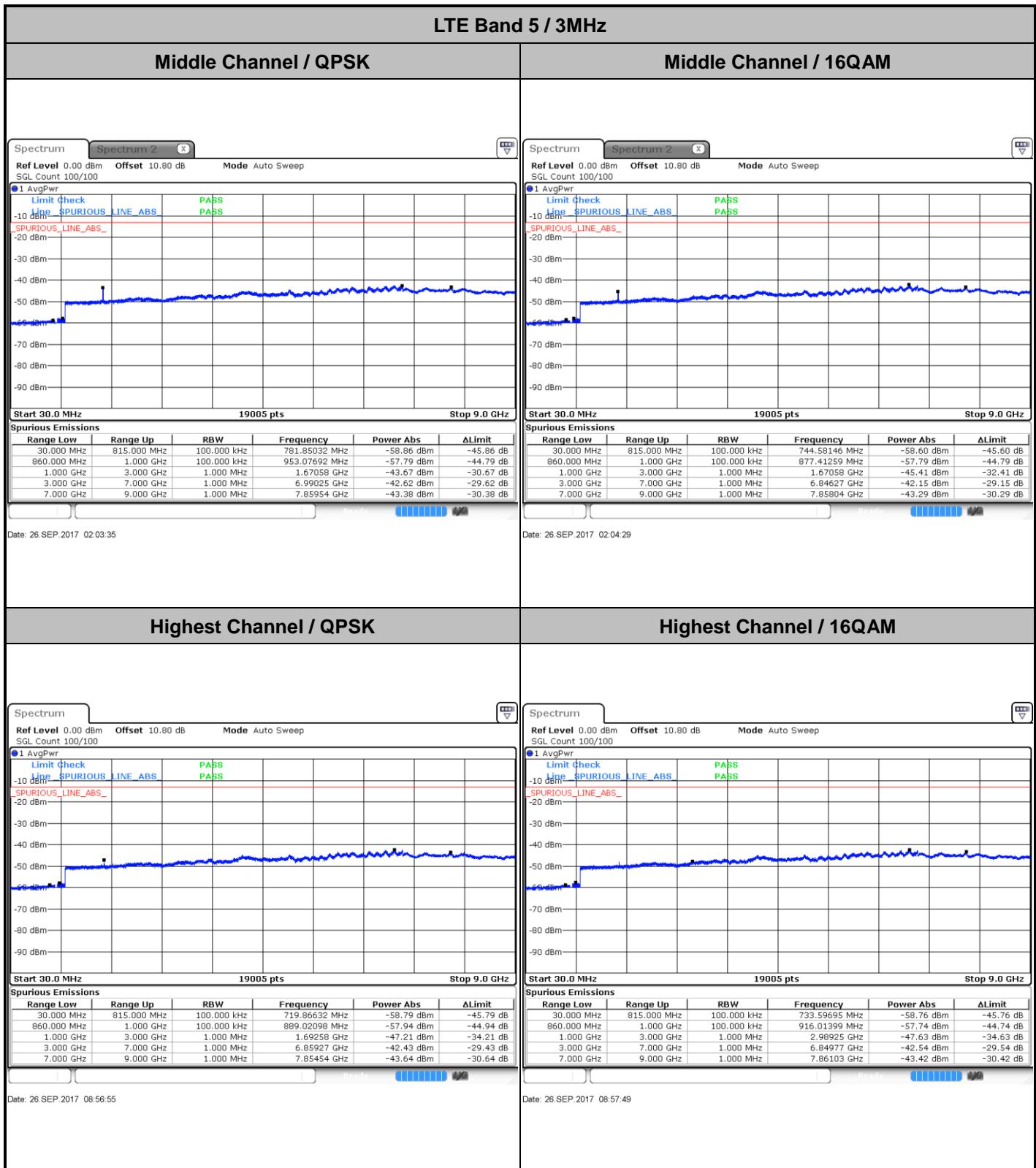


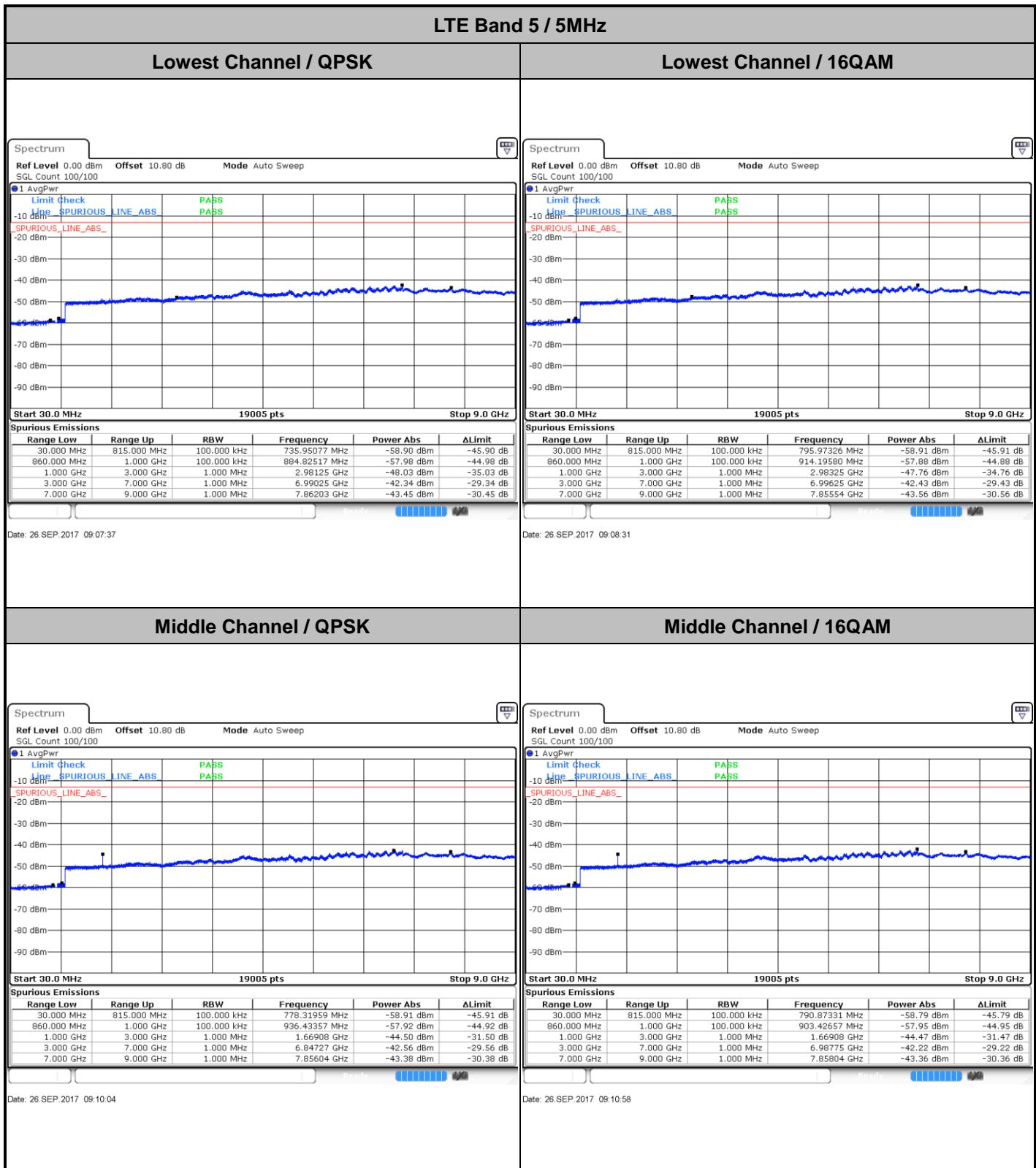
LTE Band 5 / 3MHz

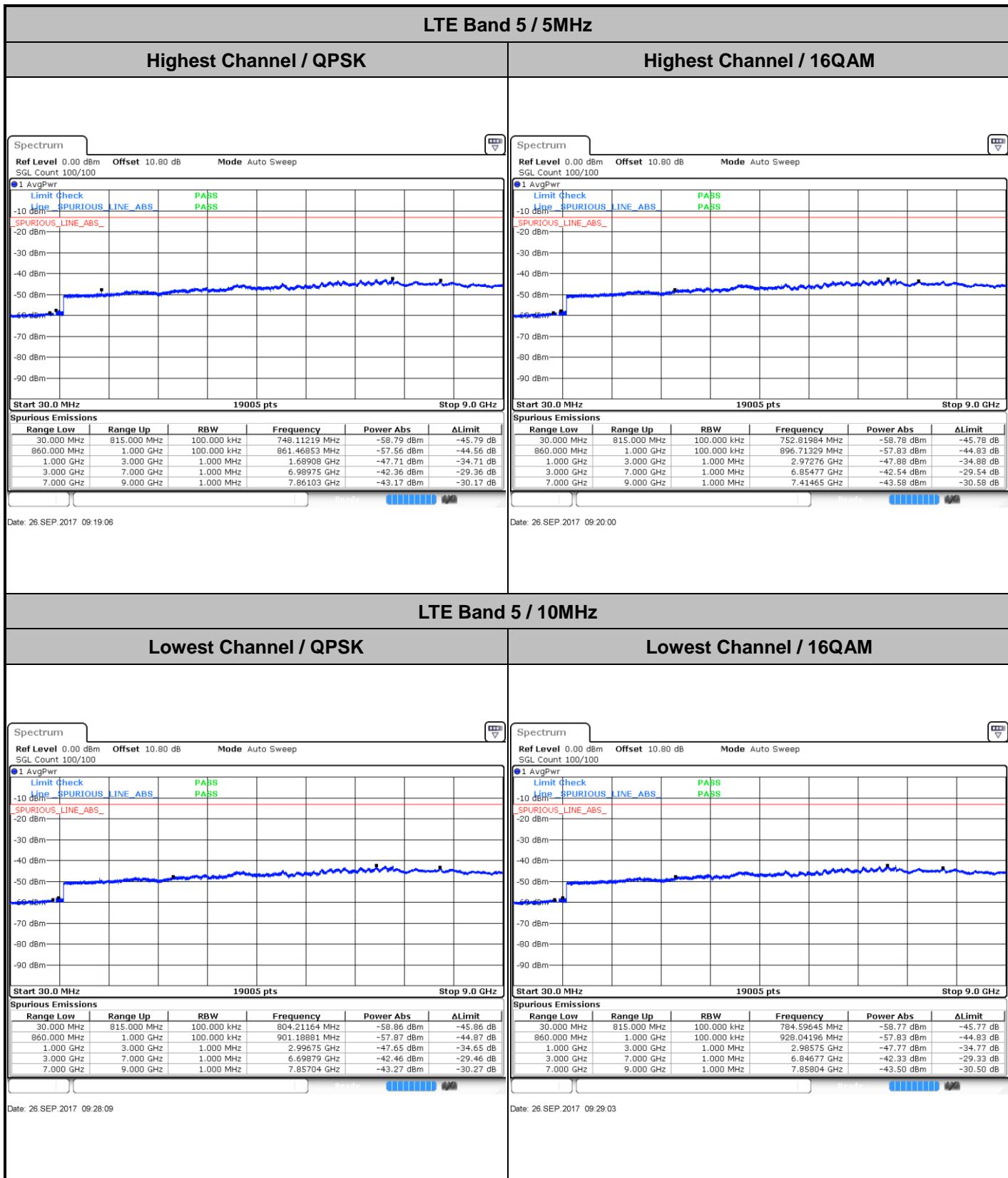
Lowest Channel / QPSK

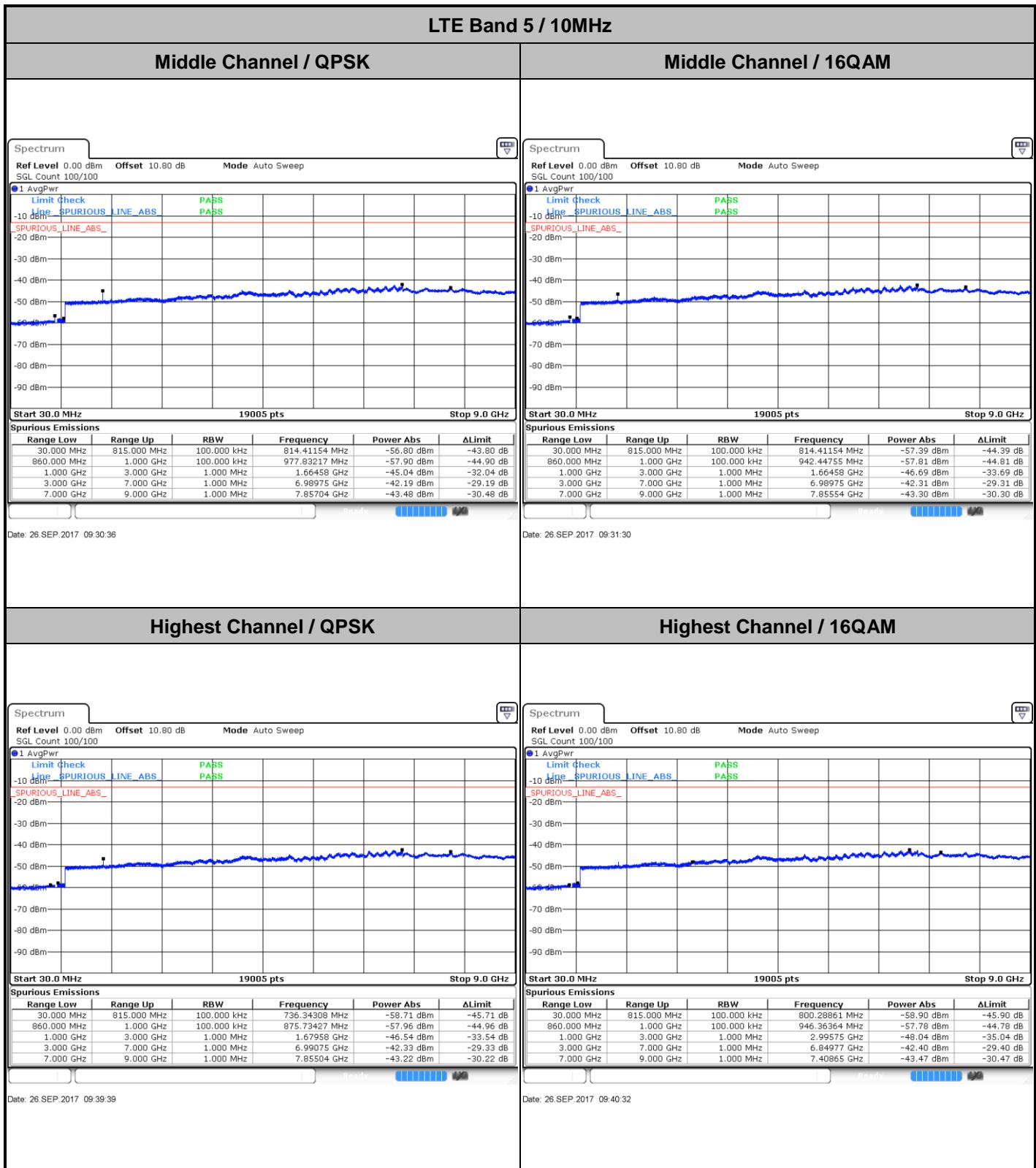
Lowest Channel / 16QAM













Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0071	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0007	

Note:

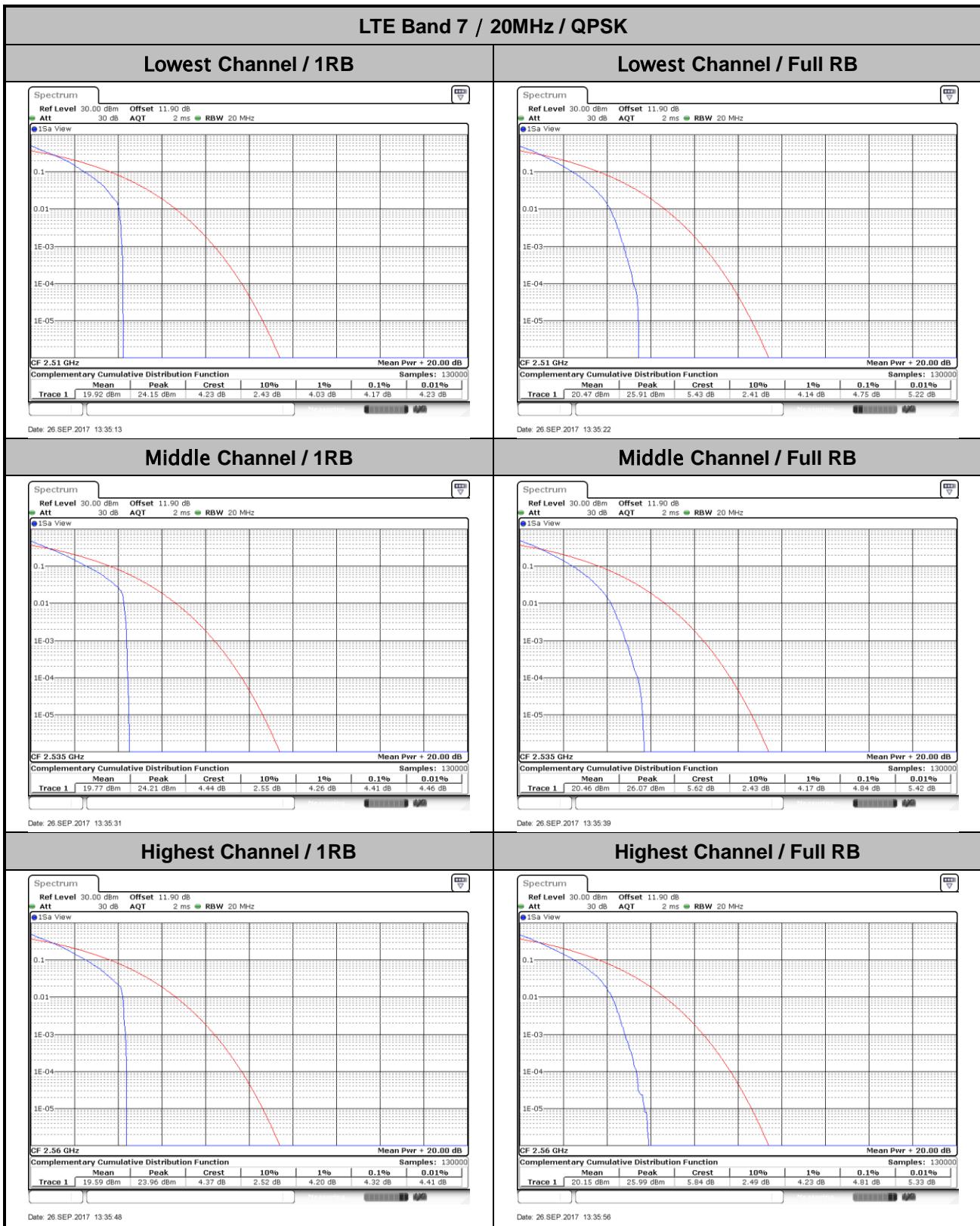
1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

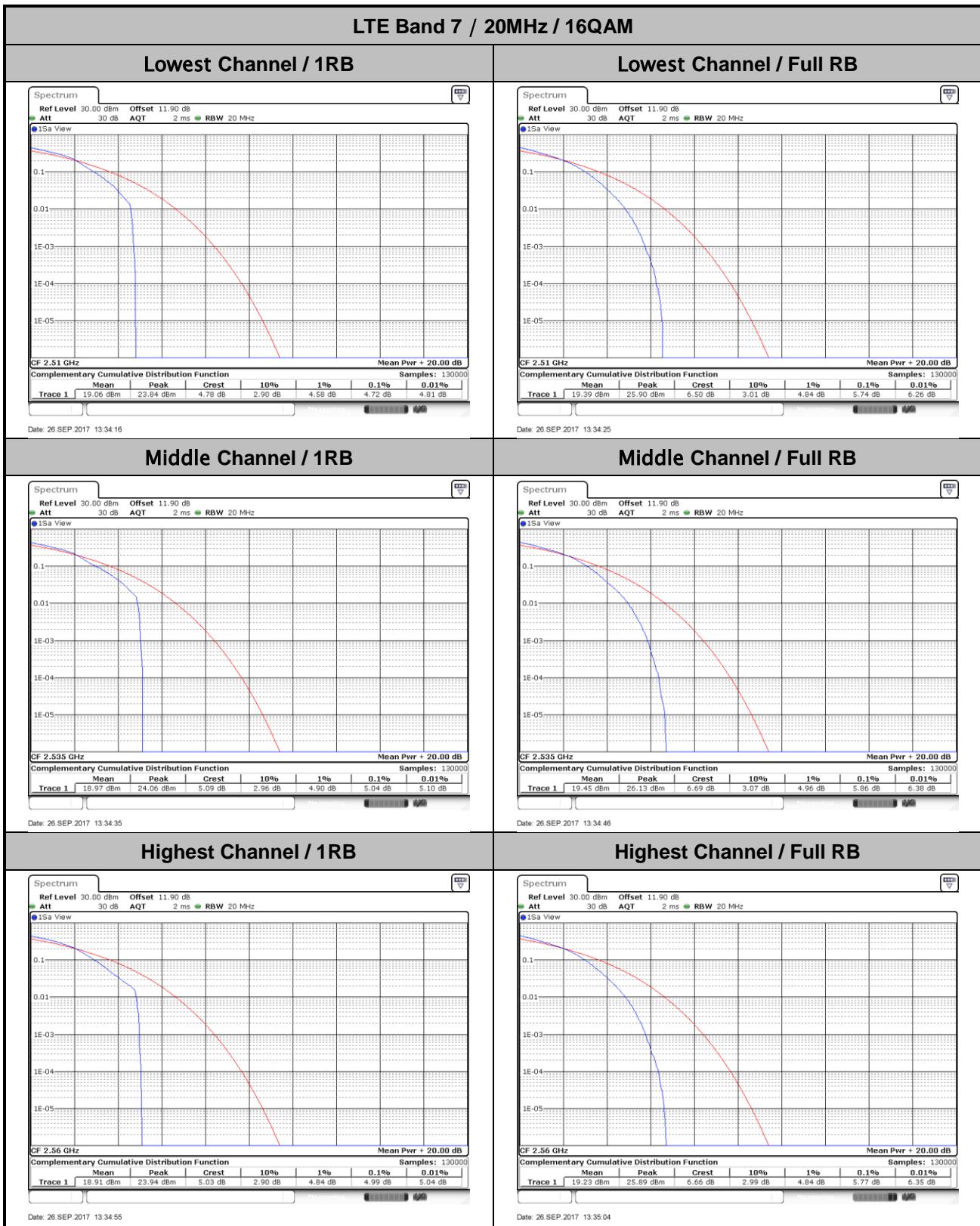


LTE Band 7

Peak-to-Average Ratio

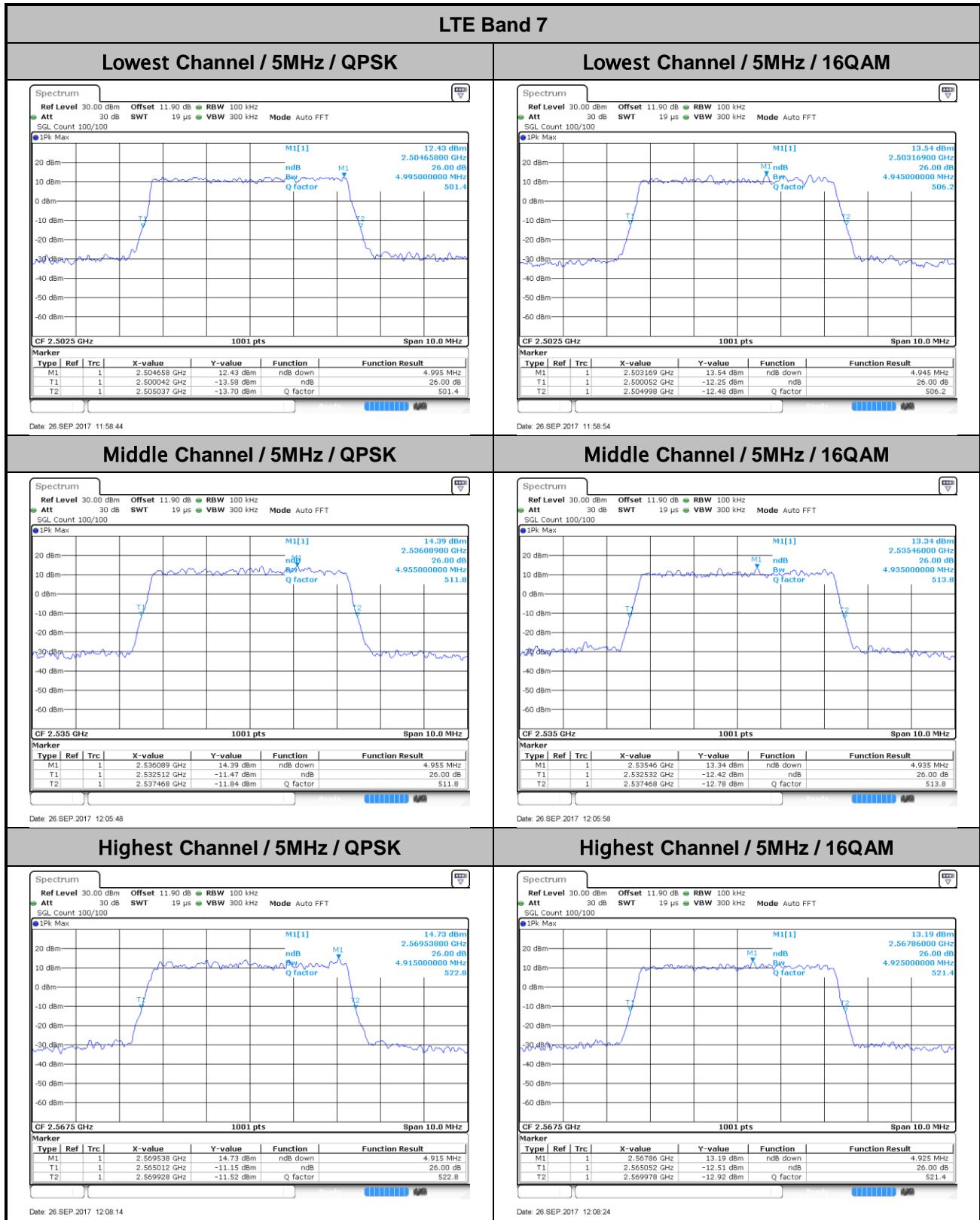
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.17	4.75	4.72	5.74	
Middle CH	4.41	4.84	5.04	5.86	
Highest CH	4.32	4.81	4.99	5.77	PASS

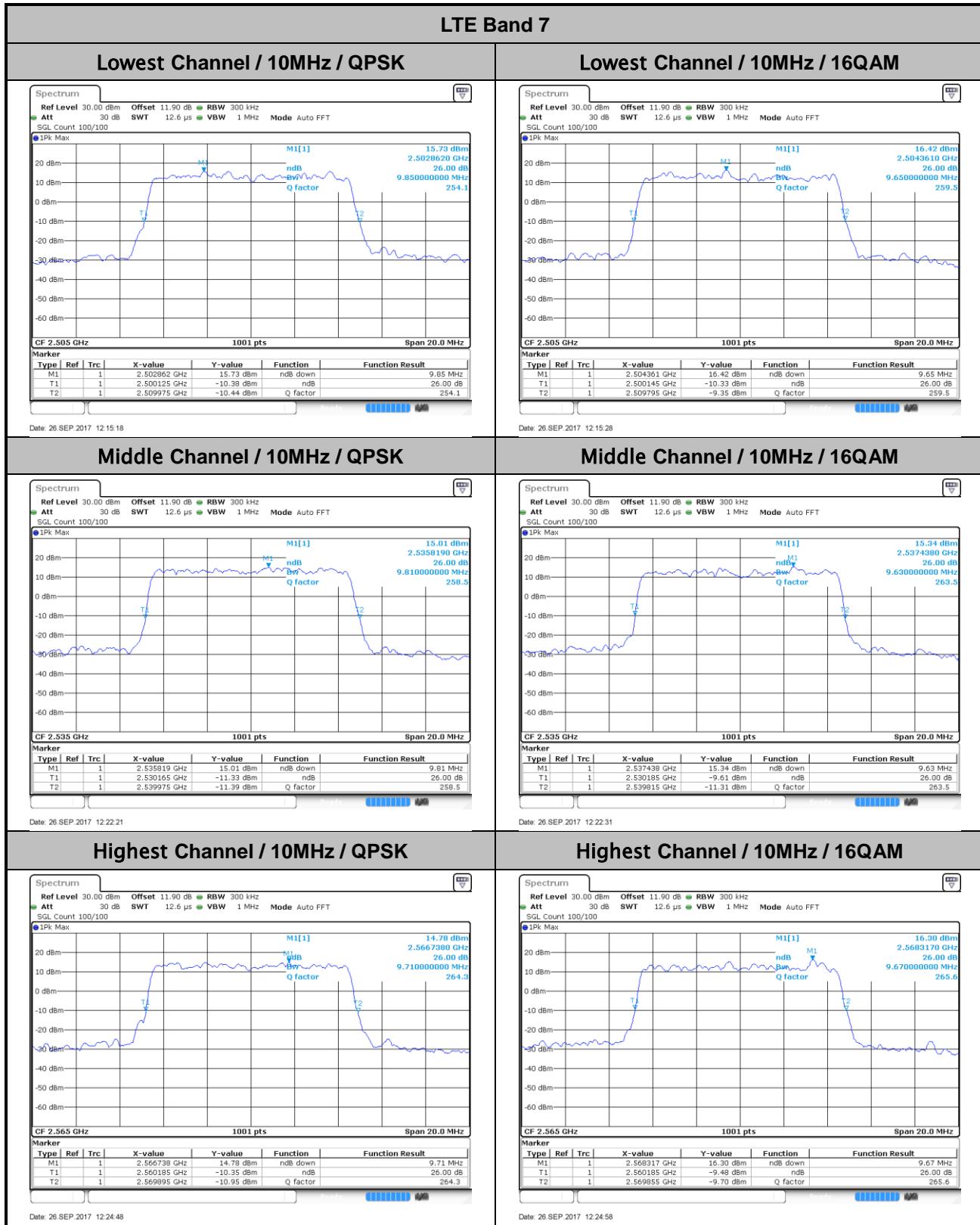


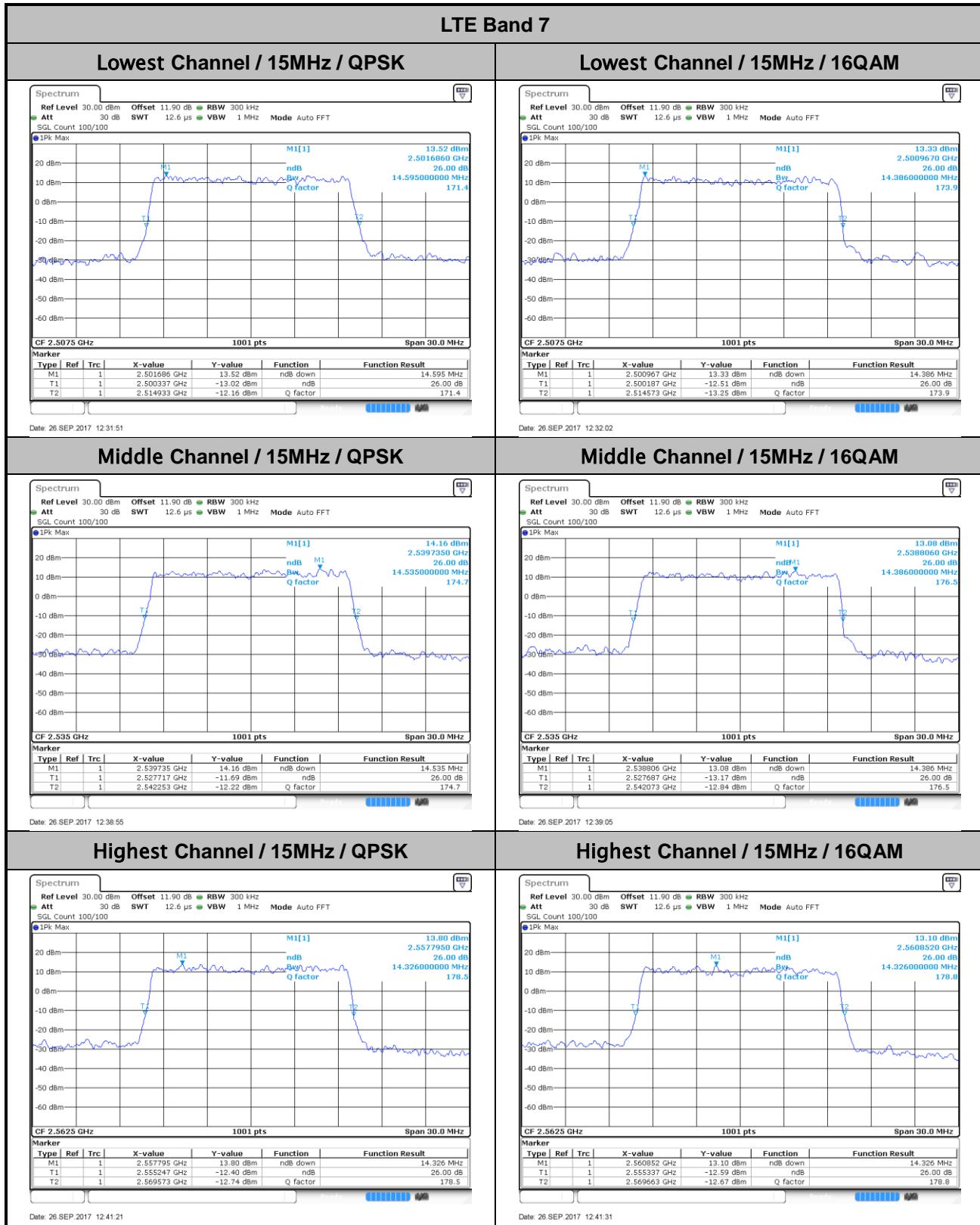


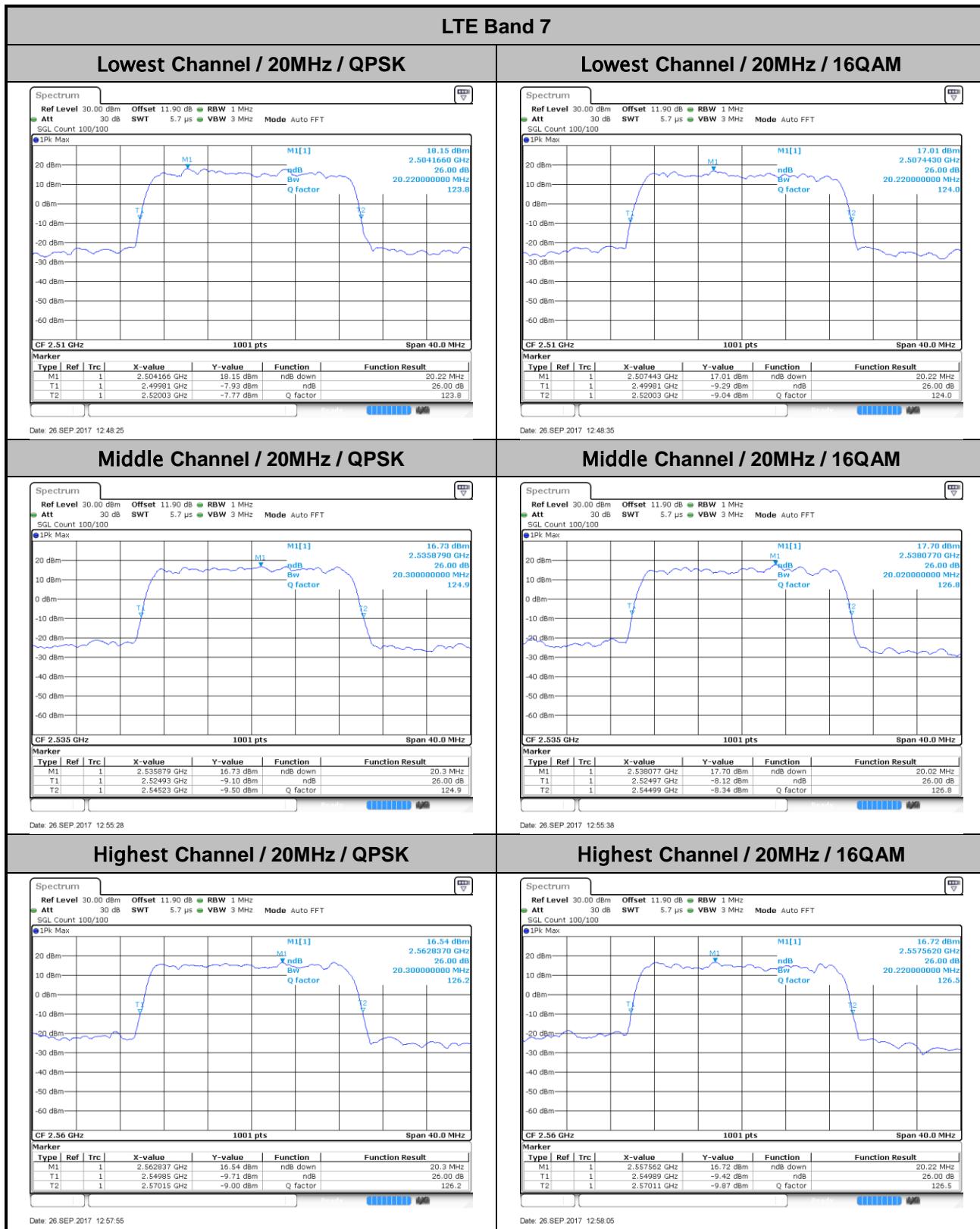
**26dB Bandwidth**

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	-	-	-	-	5.00	4.95	9.85	9.65	14.60	14.39	20.22	20.22
Middle CH	-	-	-	-	4.96	4.94	9.81	9.63	14.54	14.39	20.30	20.02
Highest CH	-	-	-	-	4.92	4.93	9.71	9.67	14.33	14.33	20.30	20.22



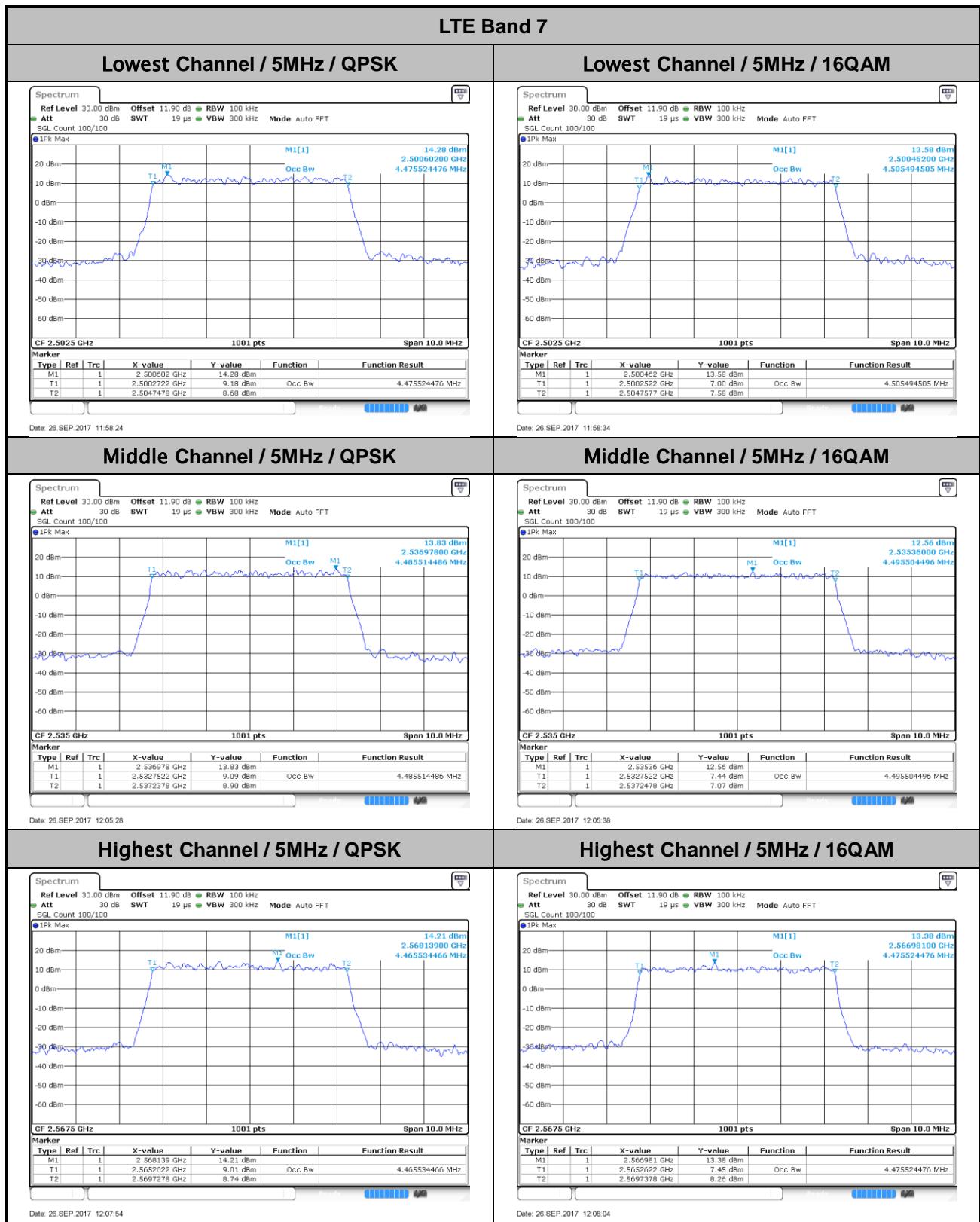


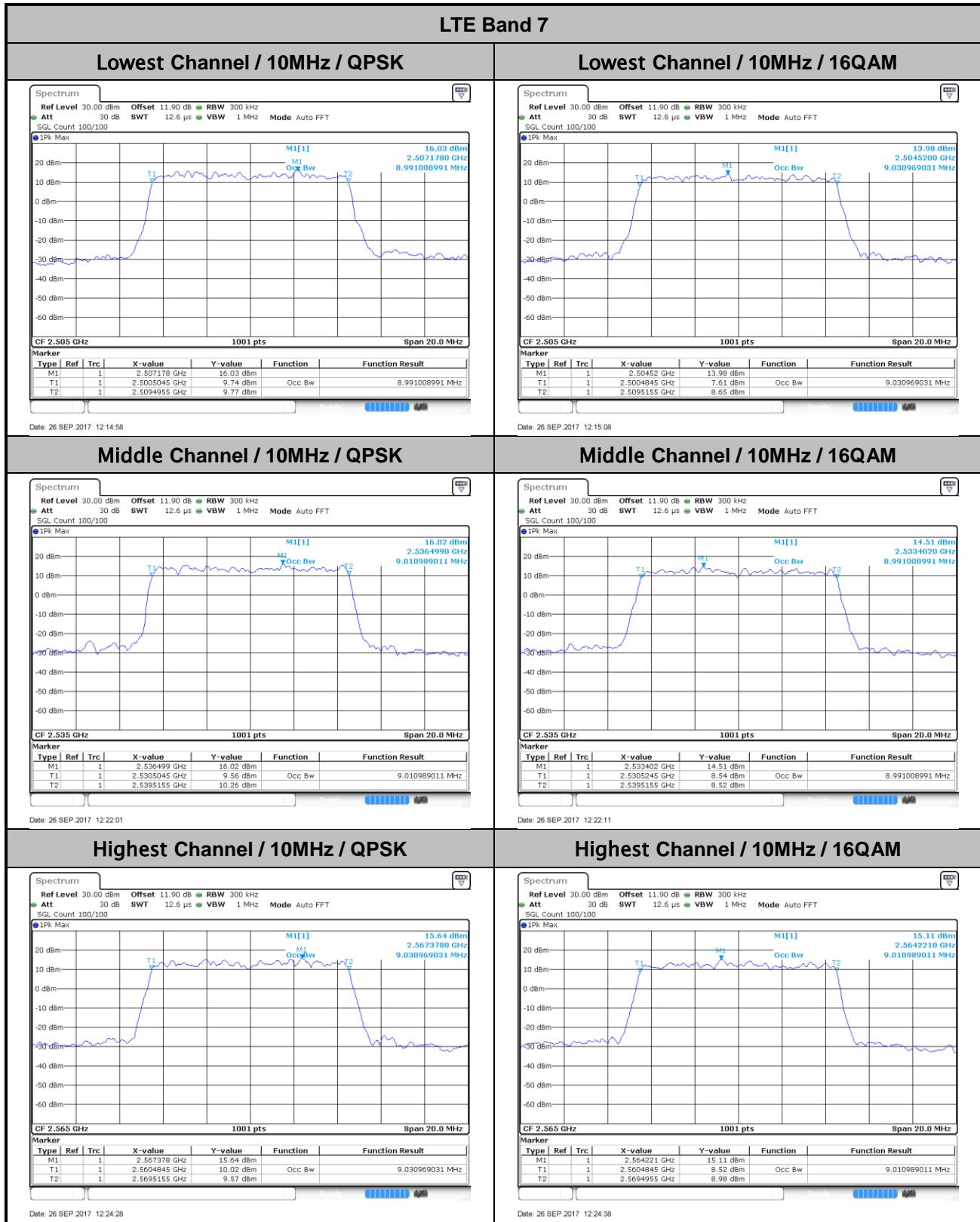


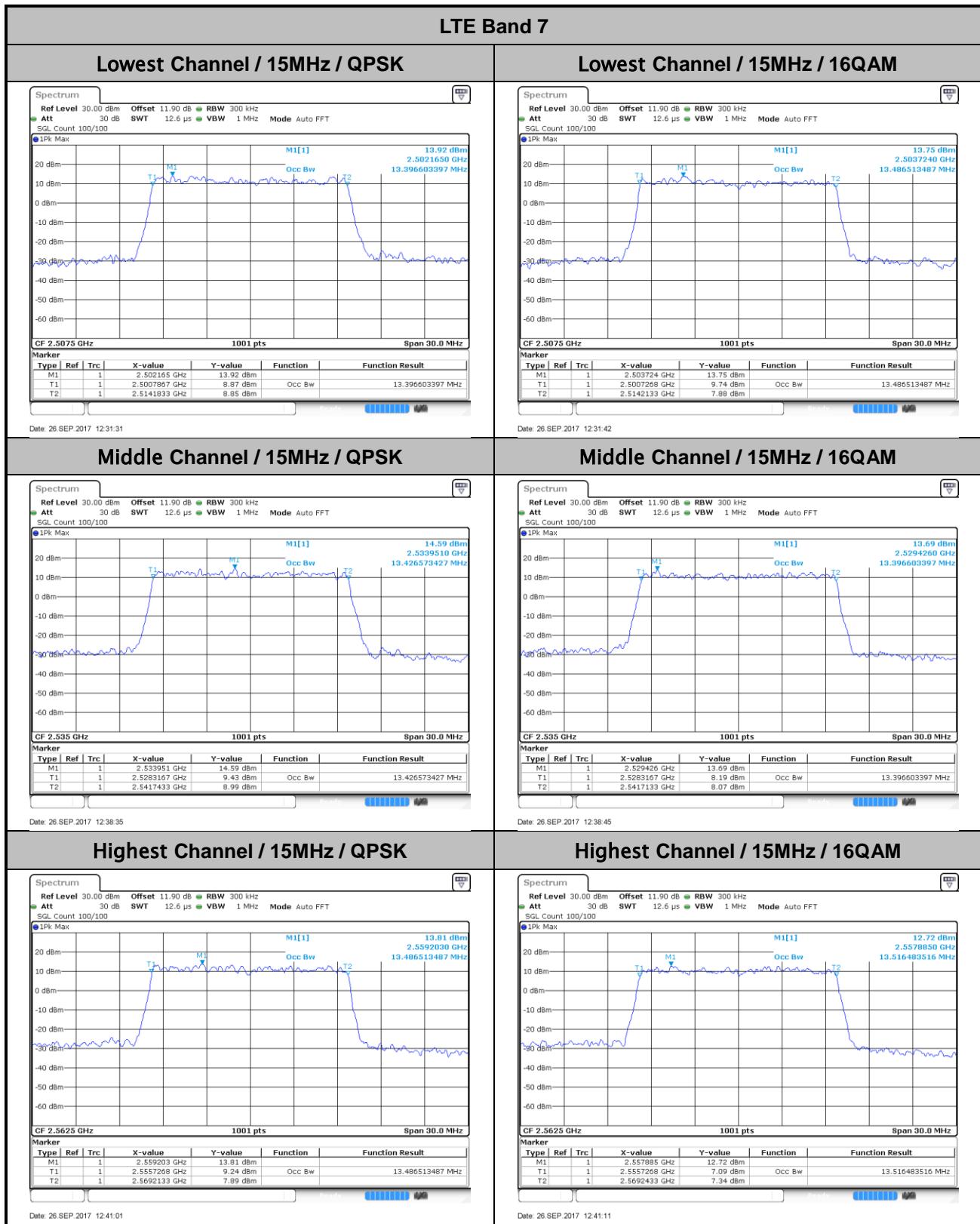


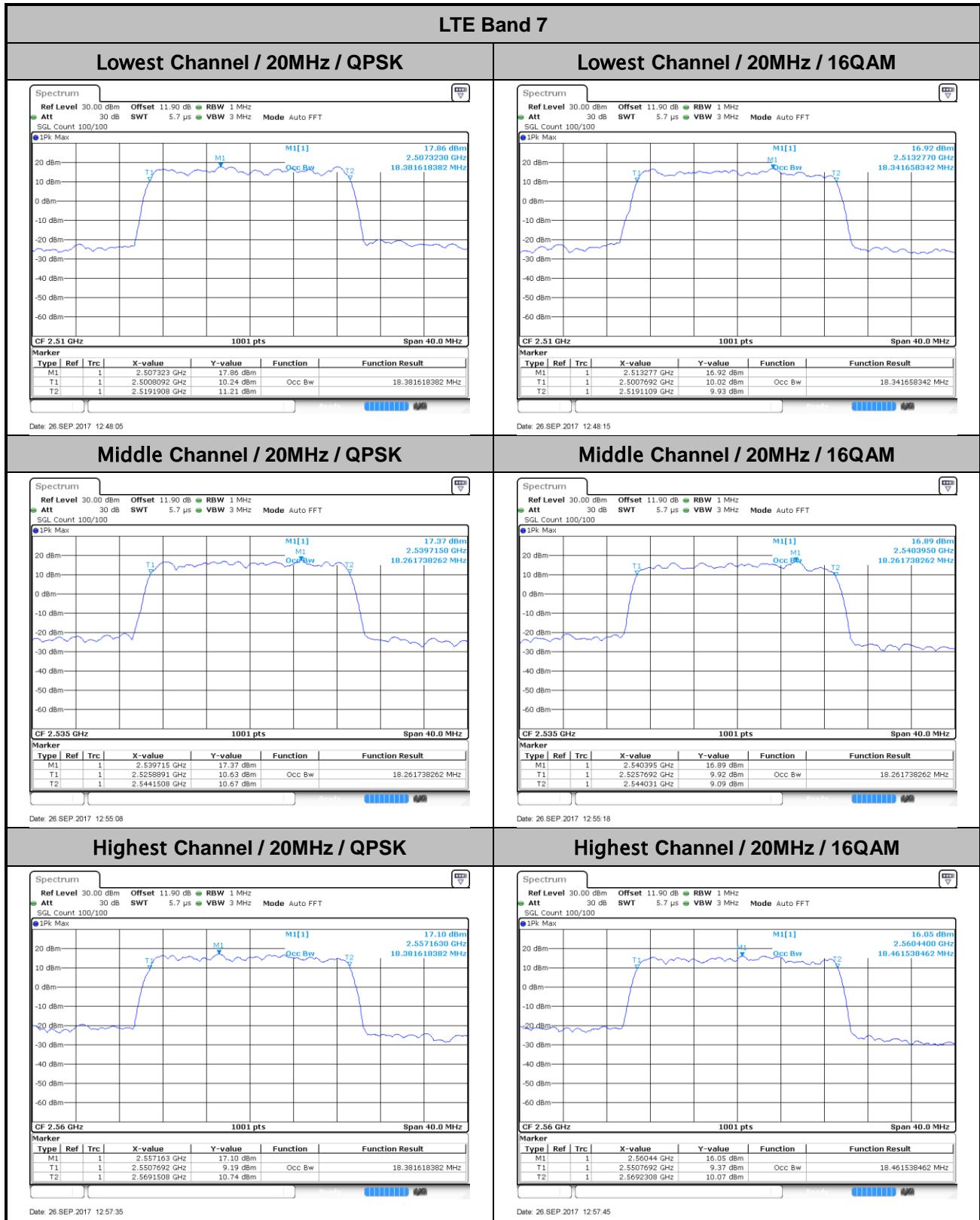
**Occupied Bandwidth**

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	-	-	-	-	4.48	4.51	8.99	9.03	13.4	13.49	18.38	18.34
Middle CH	-	-	-	-	4.49	4.5	9.01	8.99	13.43	13.4	18.26	18.26
Highest CH	-	-	-	-	4.47	4.48	9.03	9.01	13.49	13.52	18.38	18.46



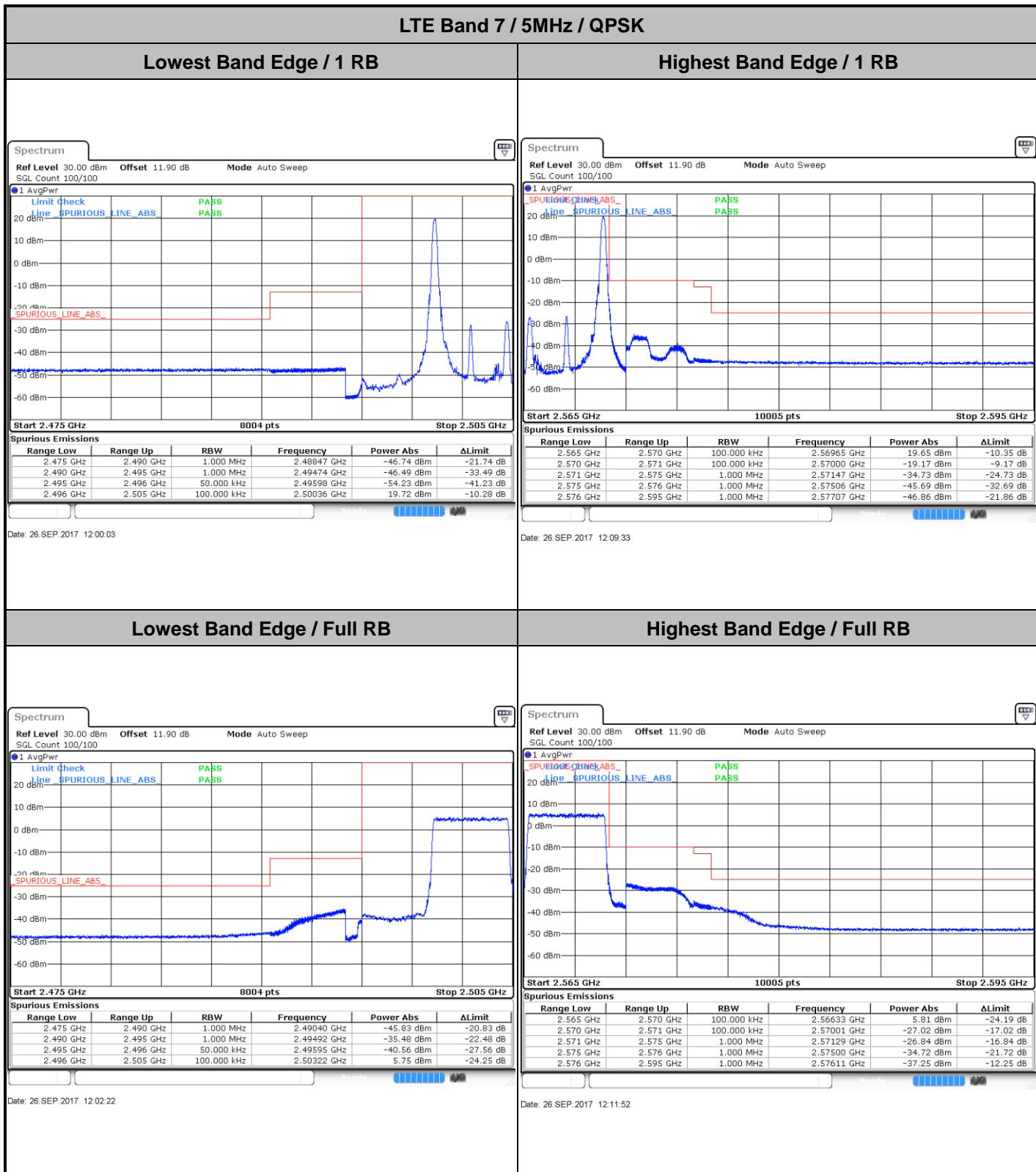


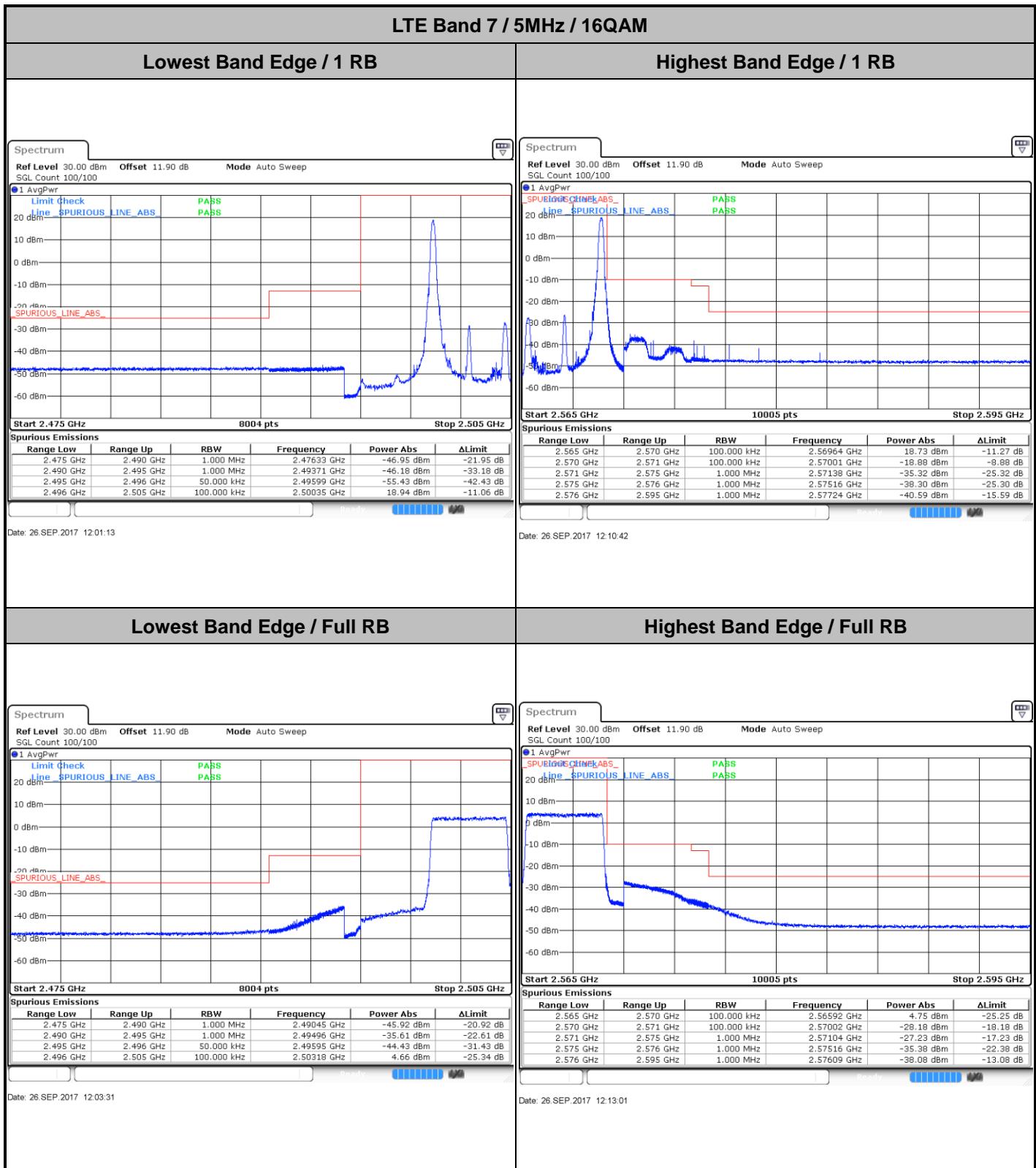


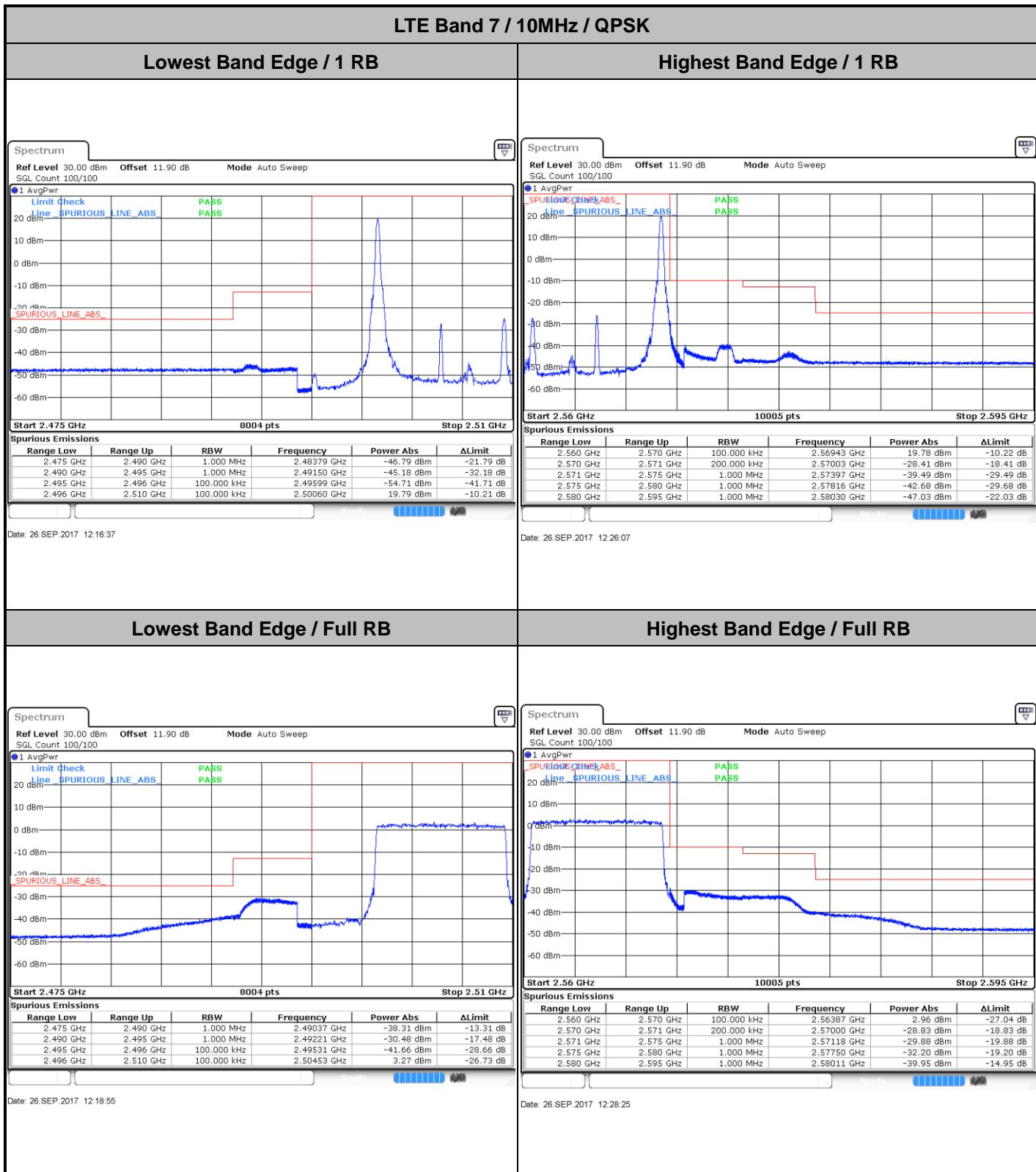


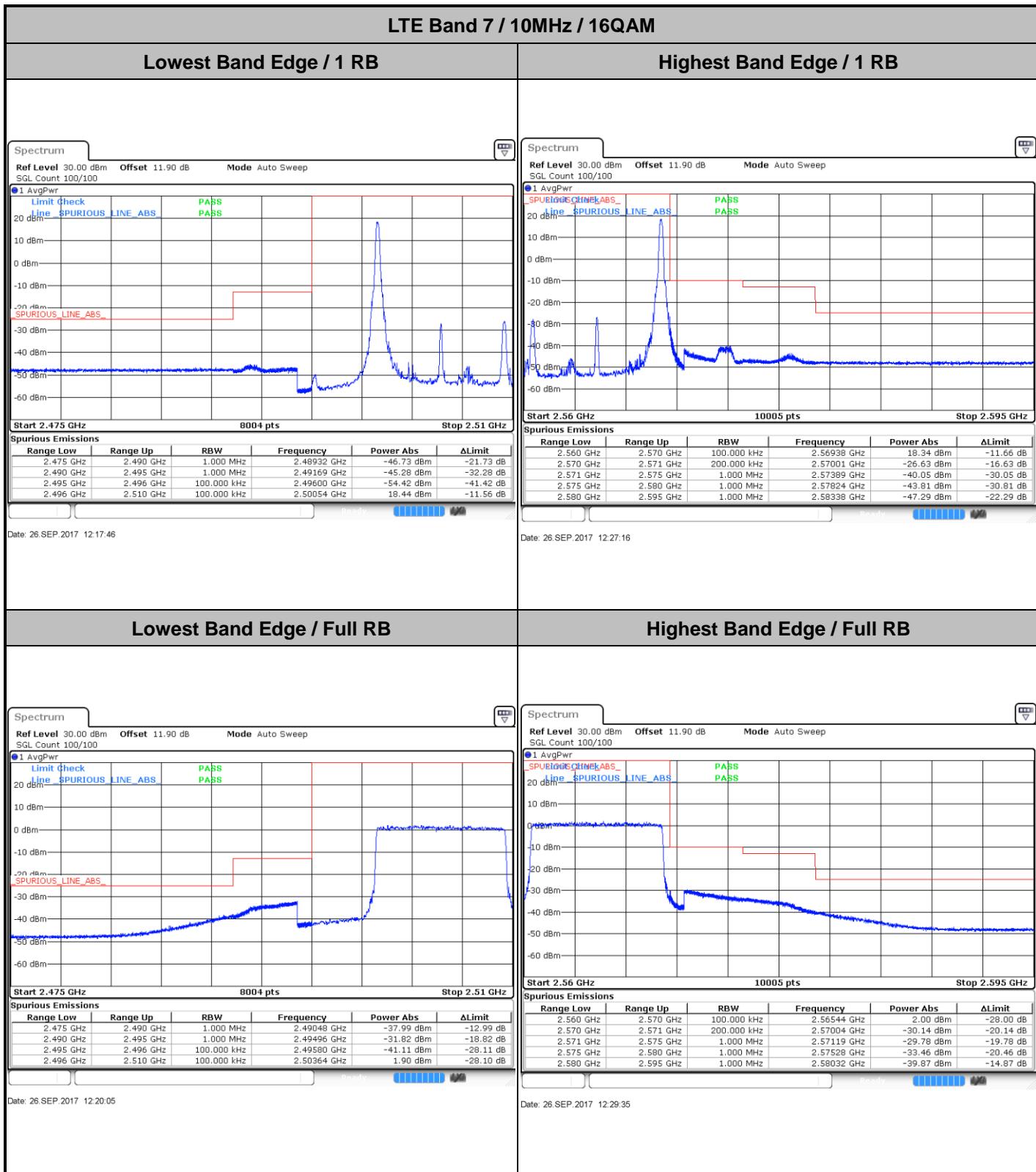


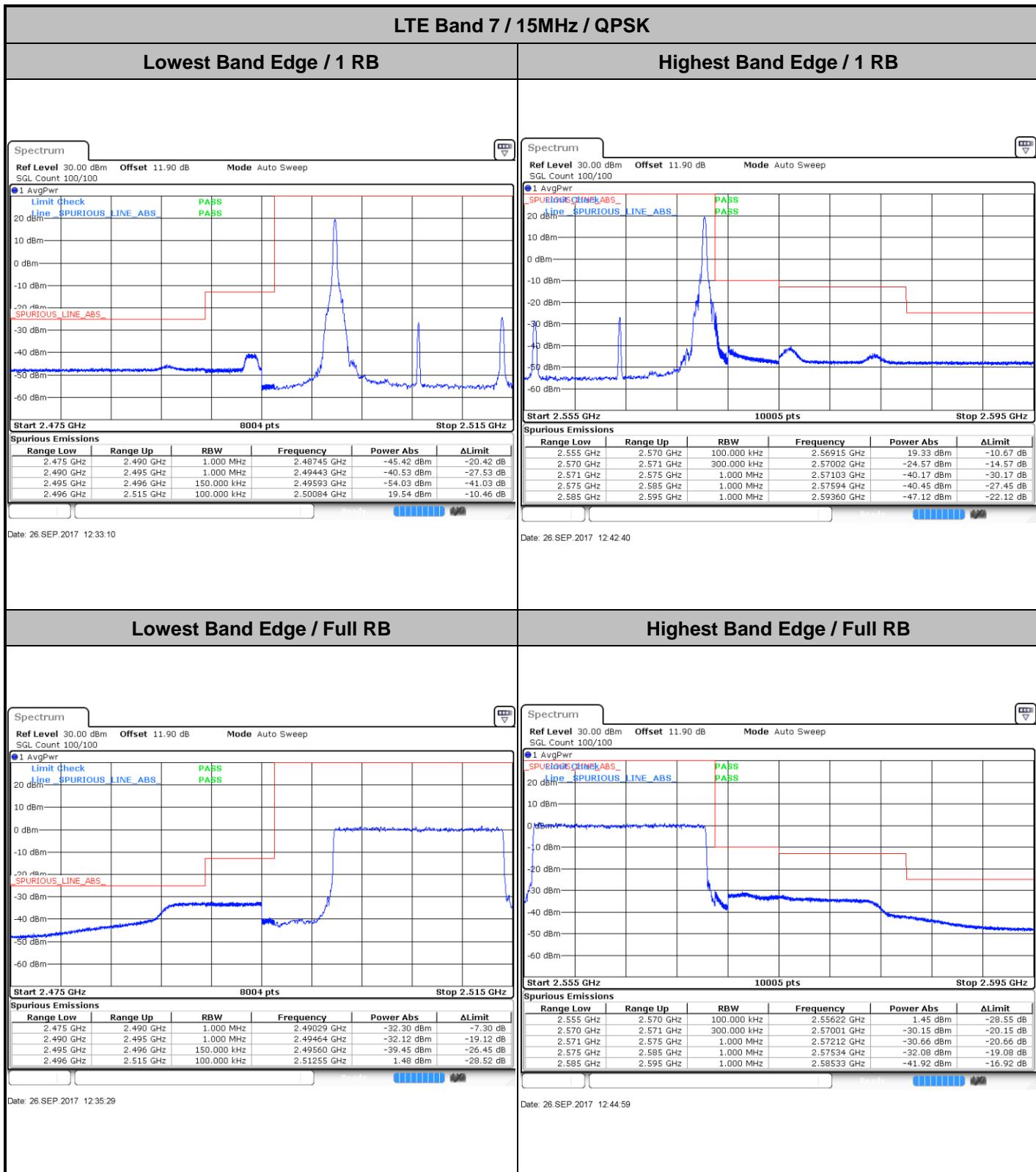
Conducted Band Edge

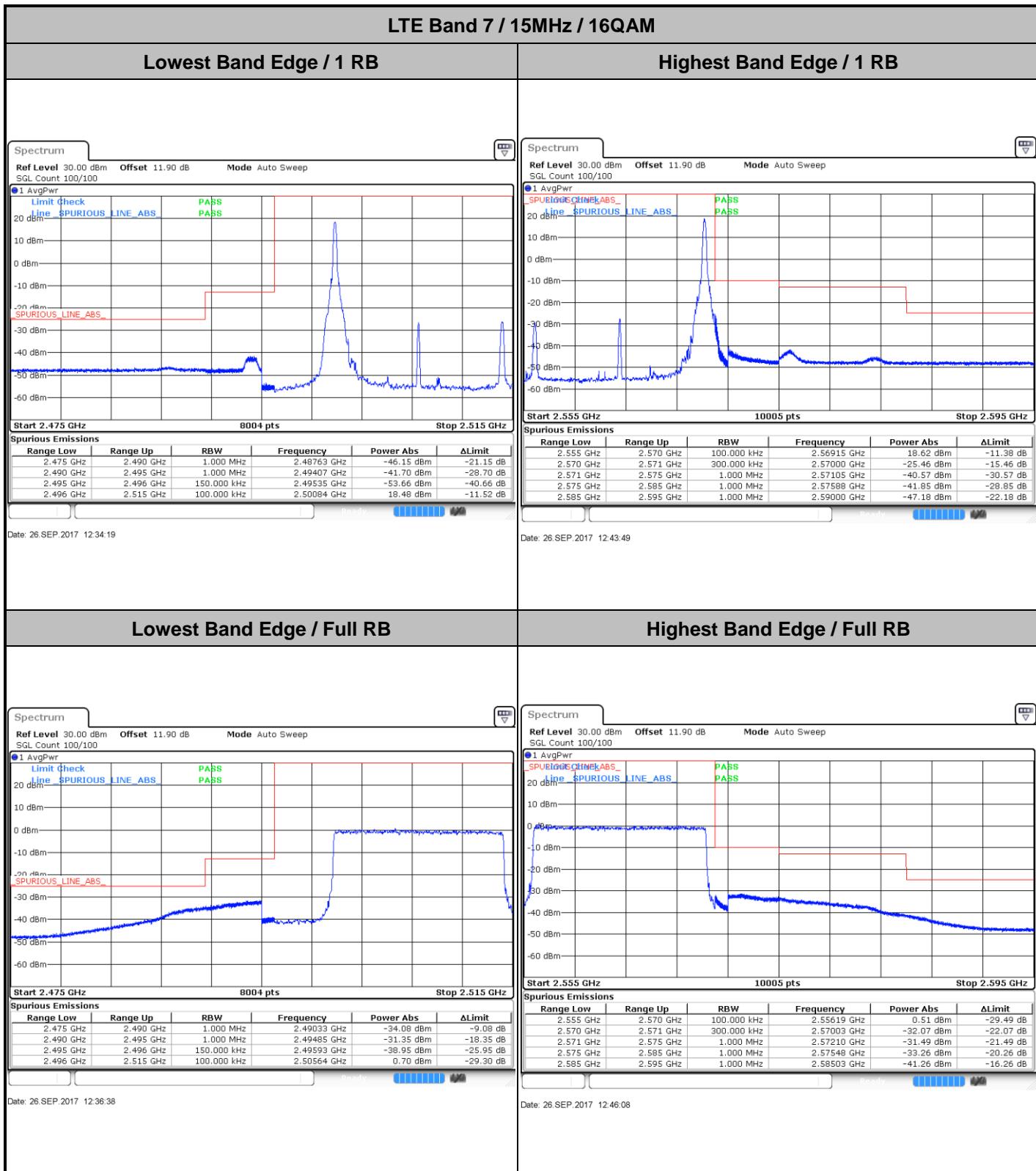


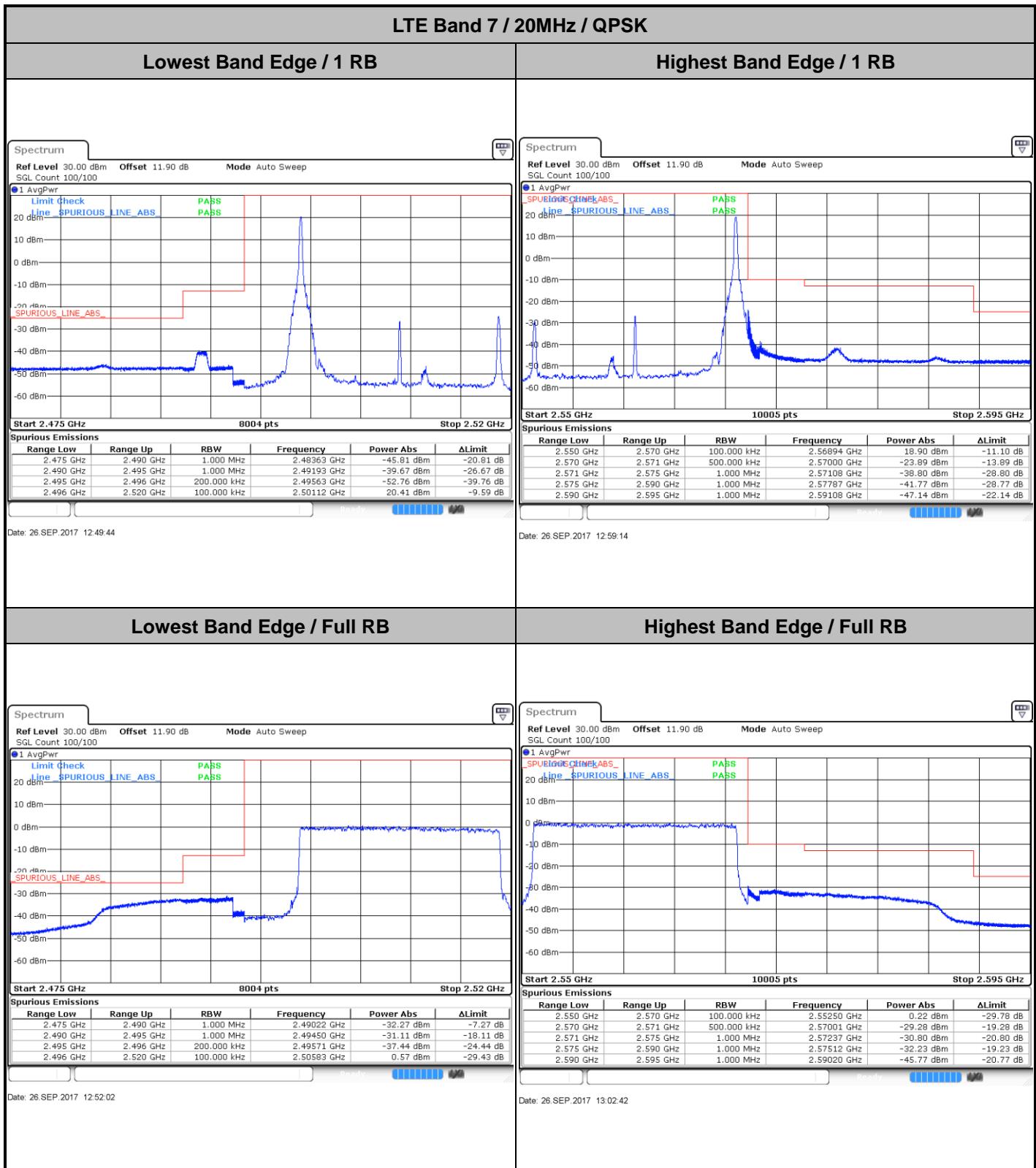


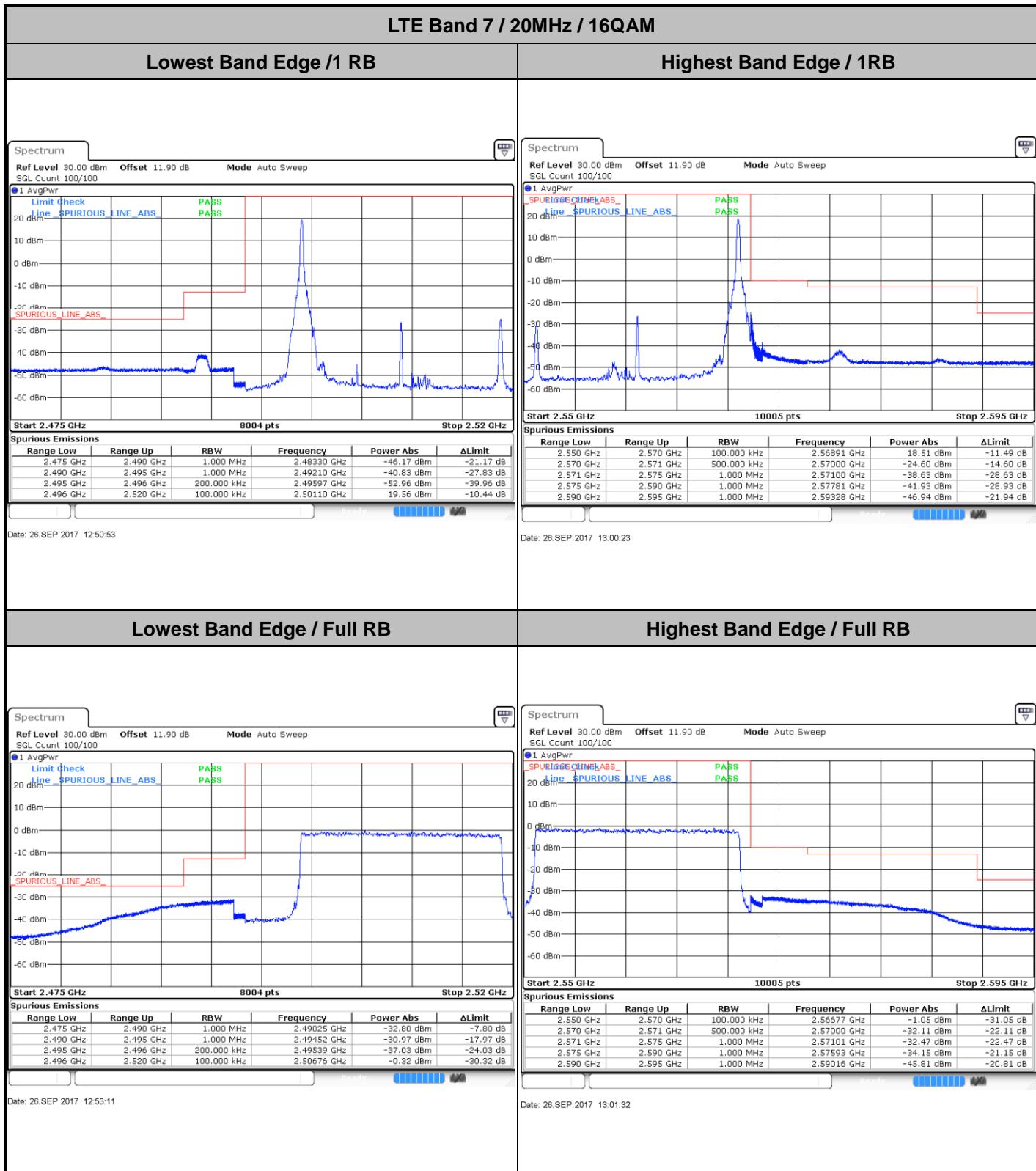














Conducted Spurious Emission