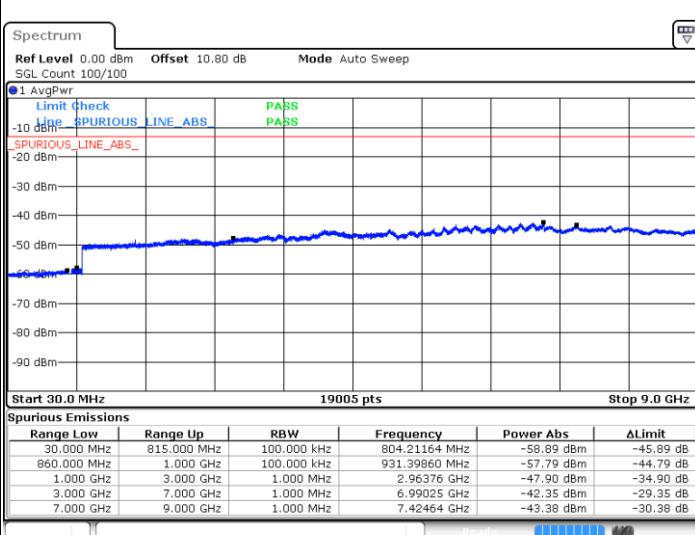
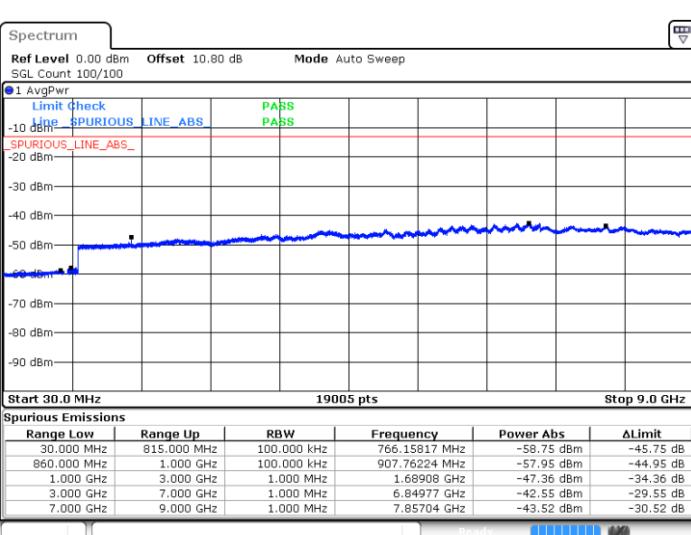




LTE Band 5 / 5MHz

Highest Channel / QPSK

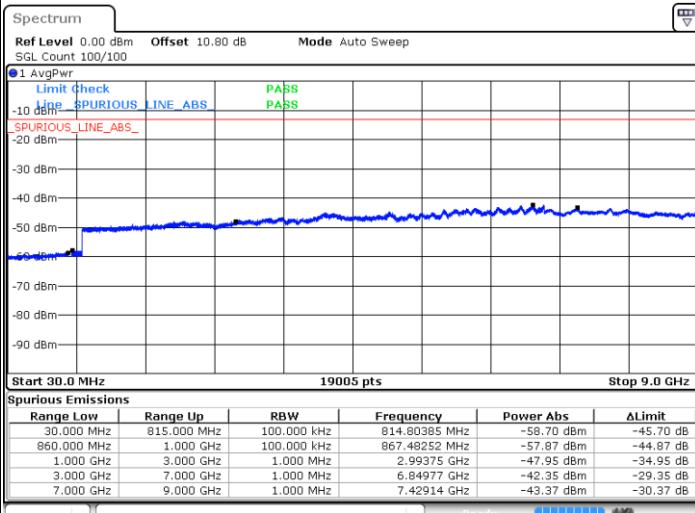
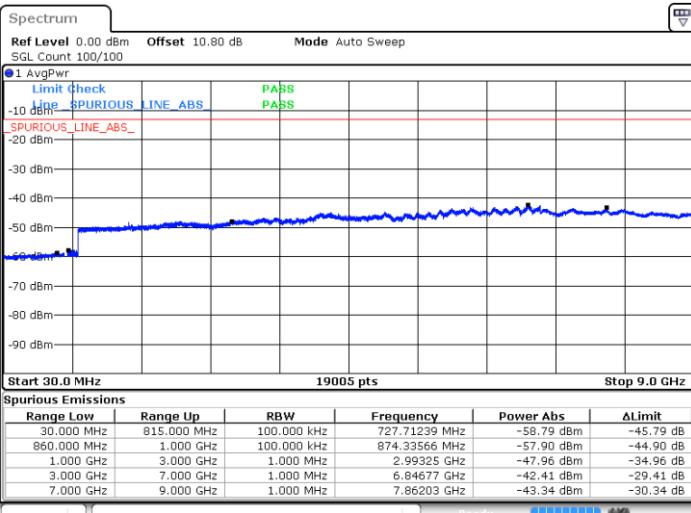
Highest Channel / 16QAM

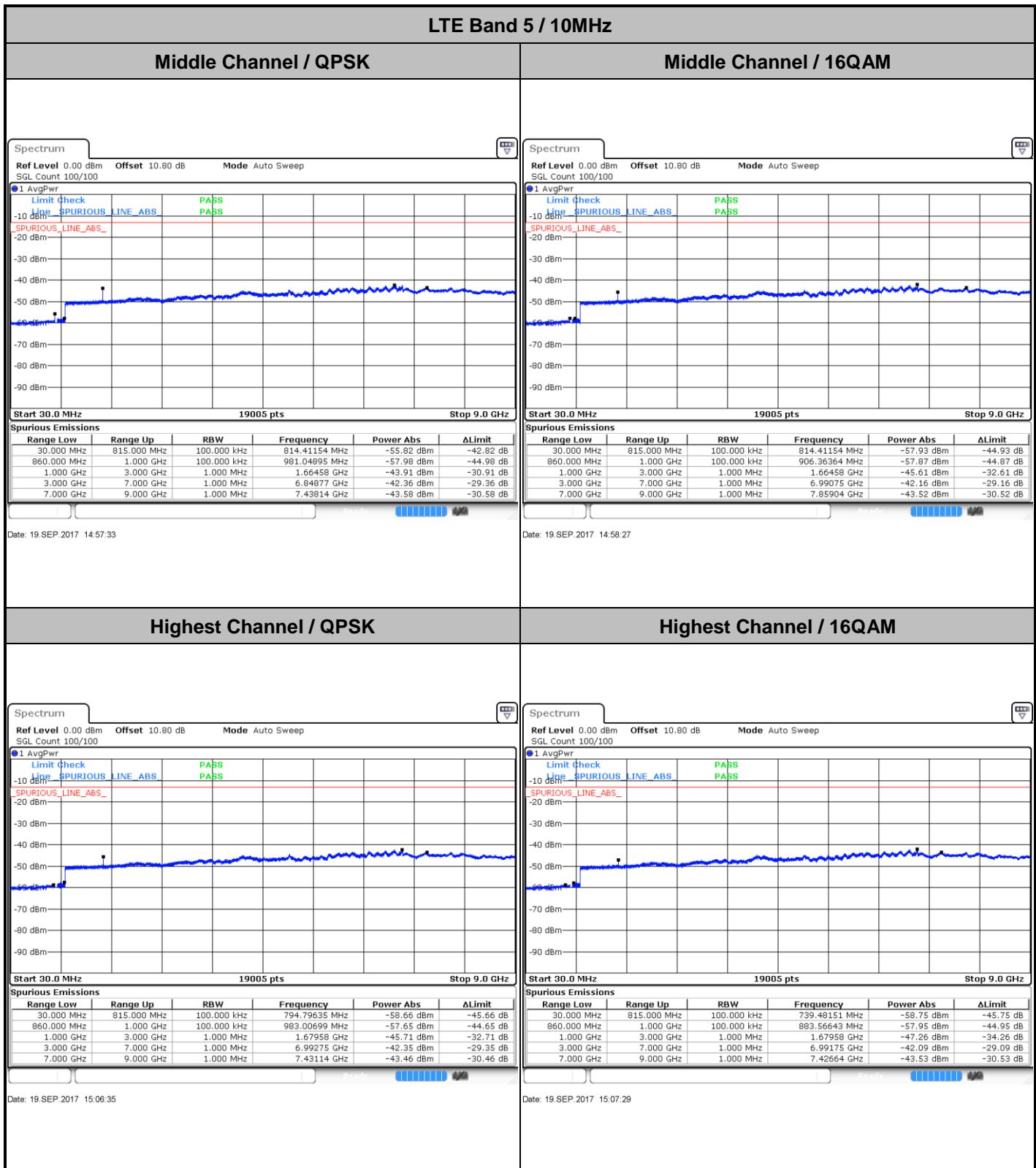


LTE Band 5 / 10MHz

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	0.0002	PASS
40	Normal Voltage	0.0068	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0077	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0066	

Note:

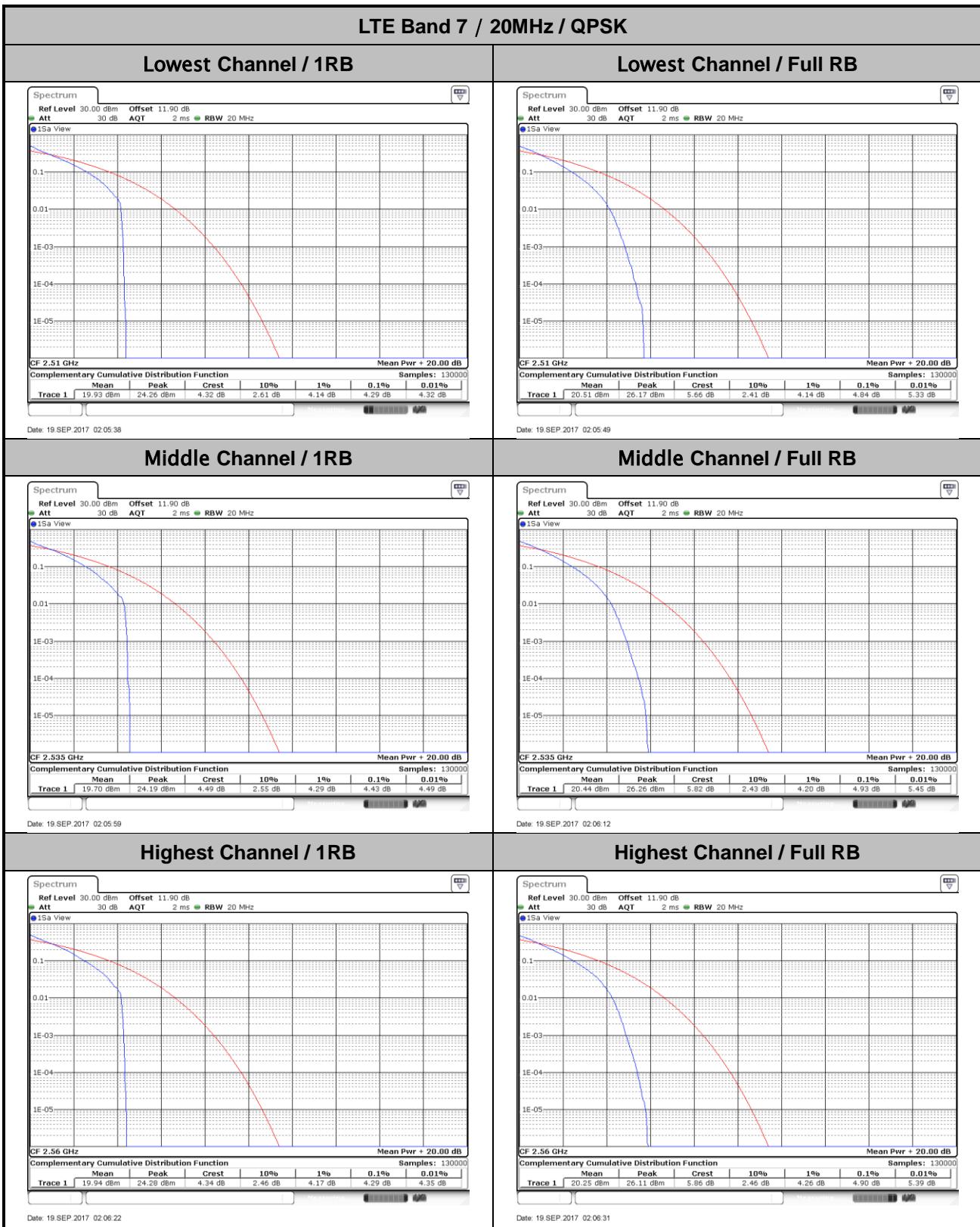
1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

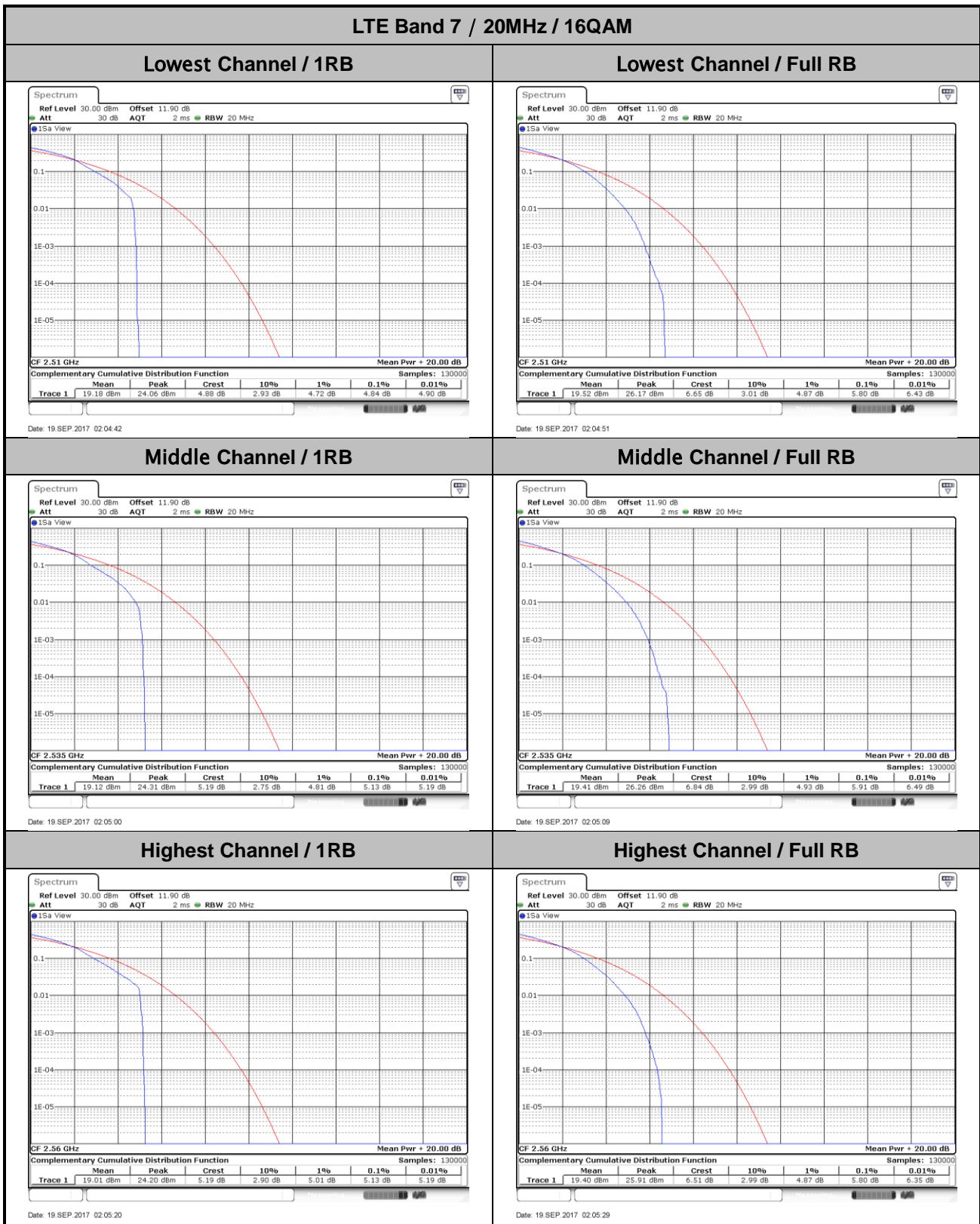


LTE Band 7

Peak-to-Average Ratio

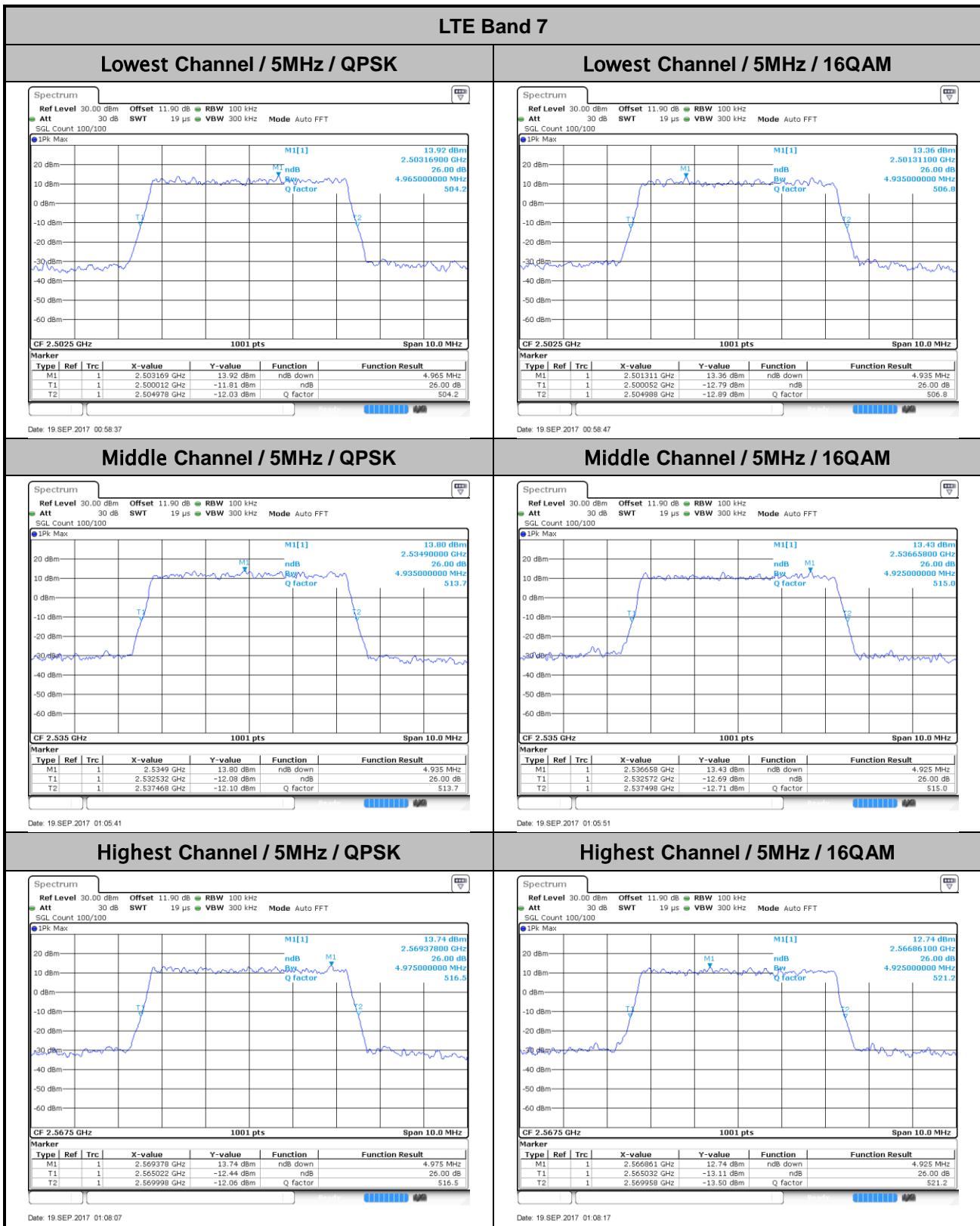
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	4.84	4.84	5.8	PASS
Middle CH	4.43	4.93	5.13	5.91	
Highest CH	4.29	4.9	5.13	5.8	

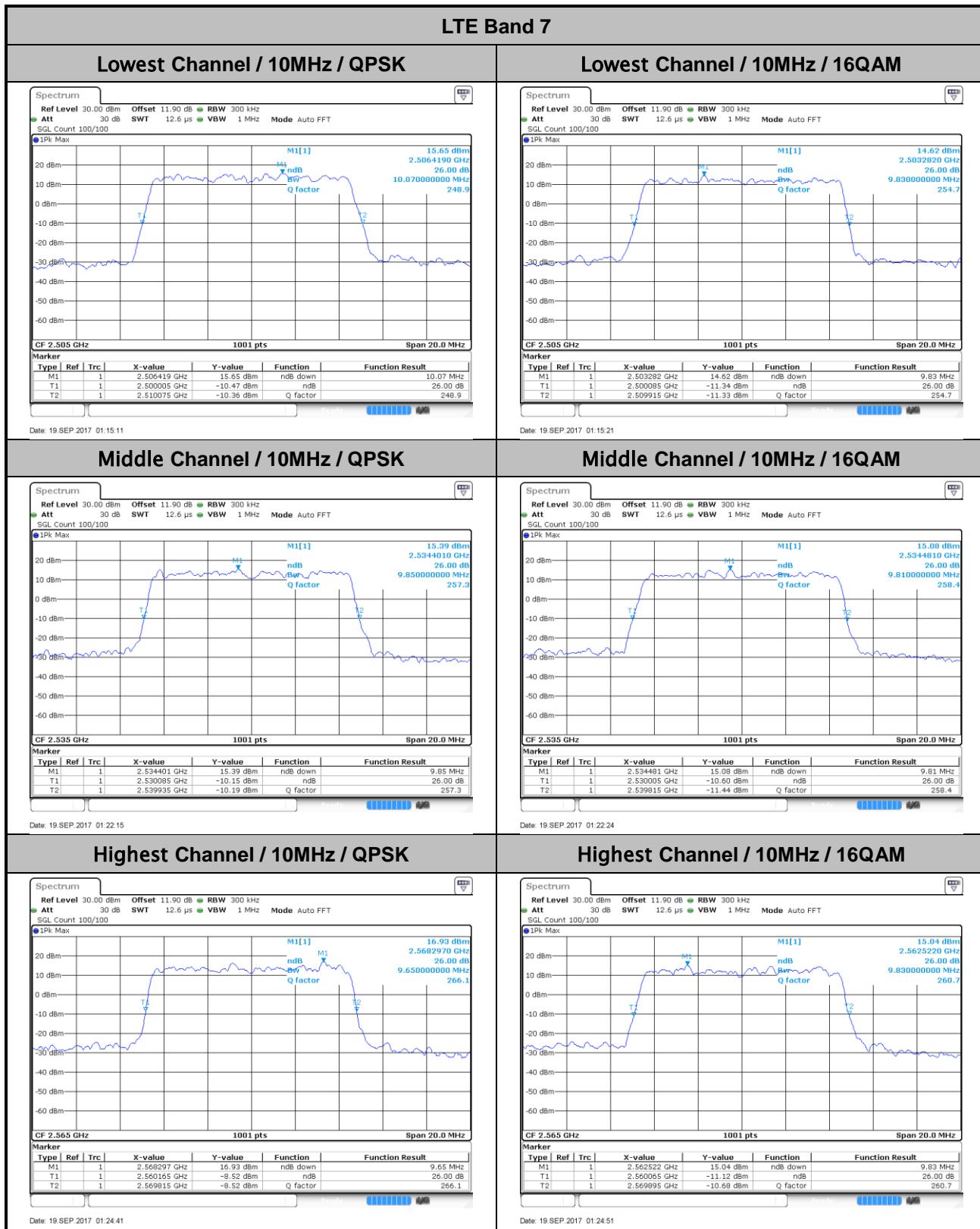


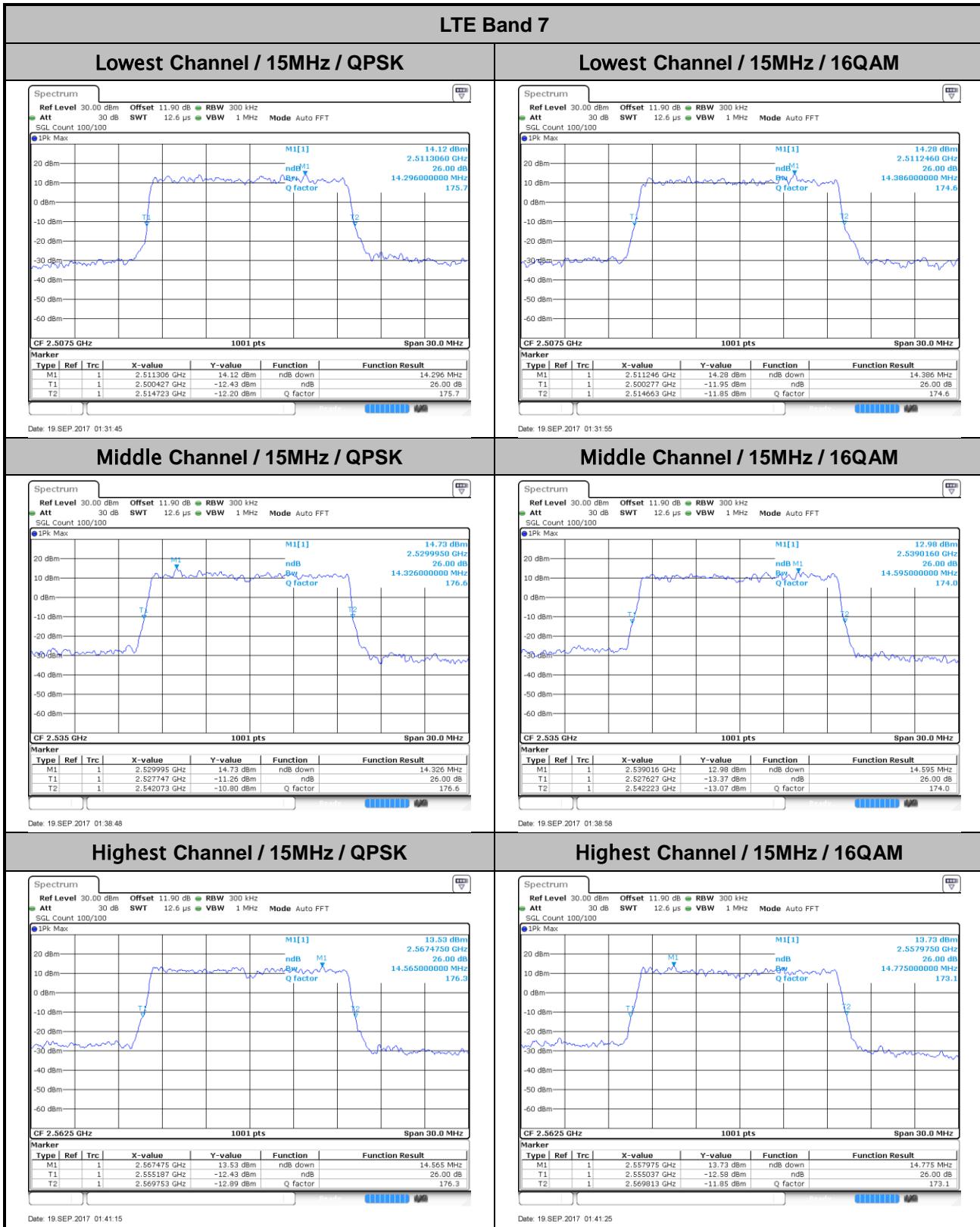


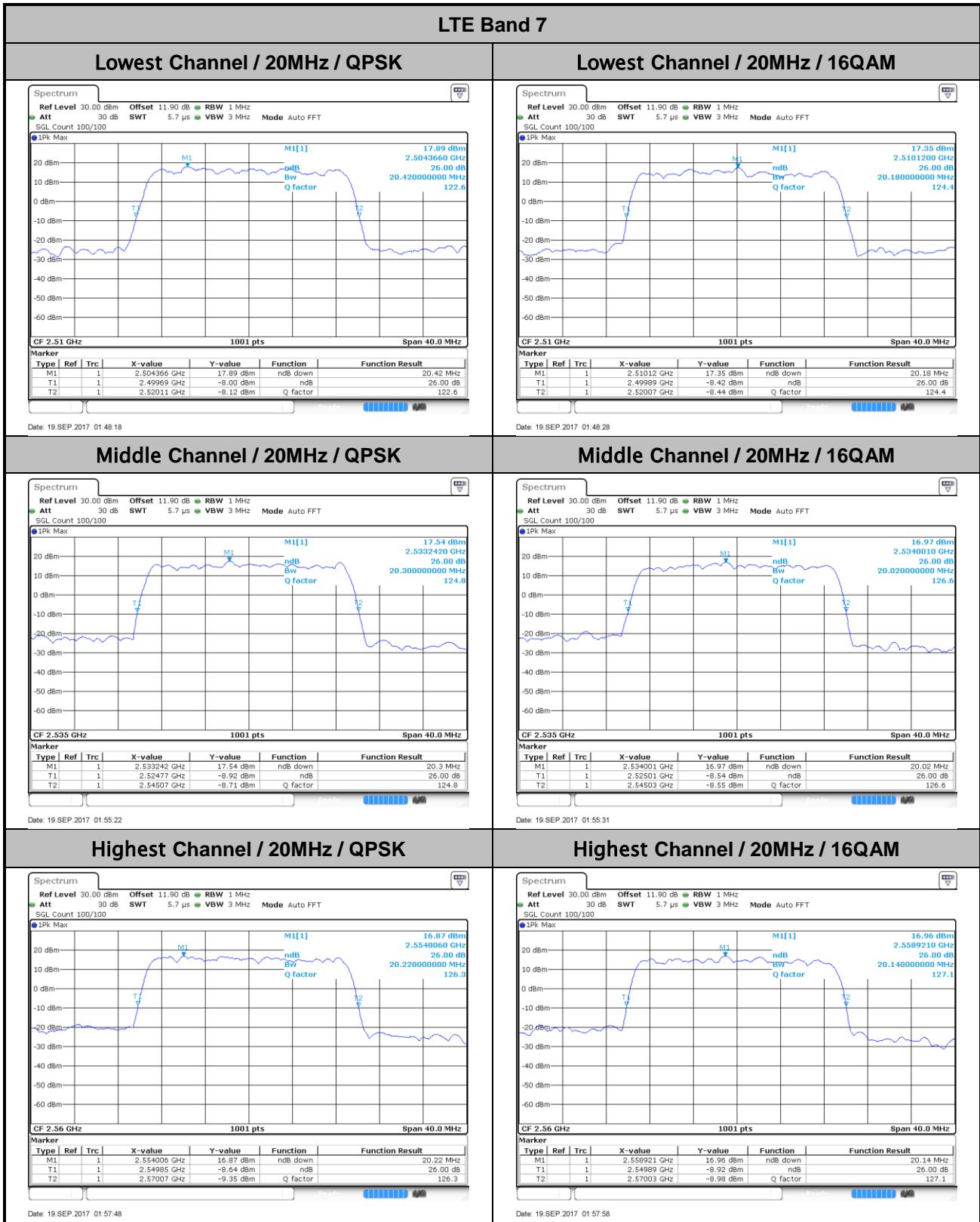
**26dB Bandwidth**

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	-	-	-	-	4.97	4.94	10.07	9.83	14.30	14.39	20.42	20.18
Middle CH	-	-	-	-	4.94	4.93	9.85	9.81	14.33	14.60	20.30	20.02
Highest CH	-	-	-	-	4.98	4.93	9.65	9.83	14.57	14.78	20.22	20.14



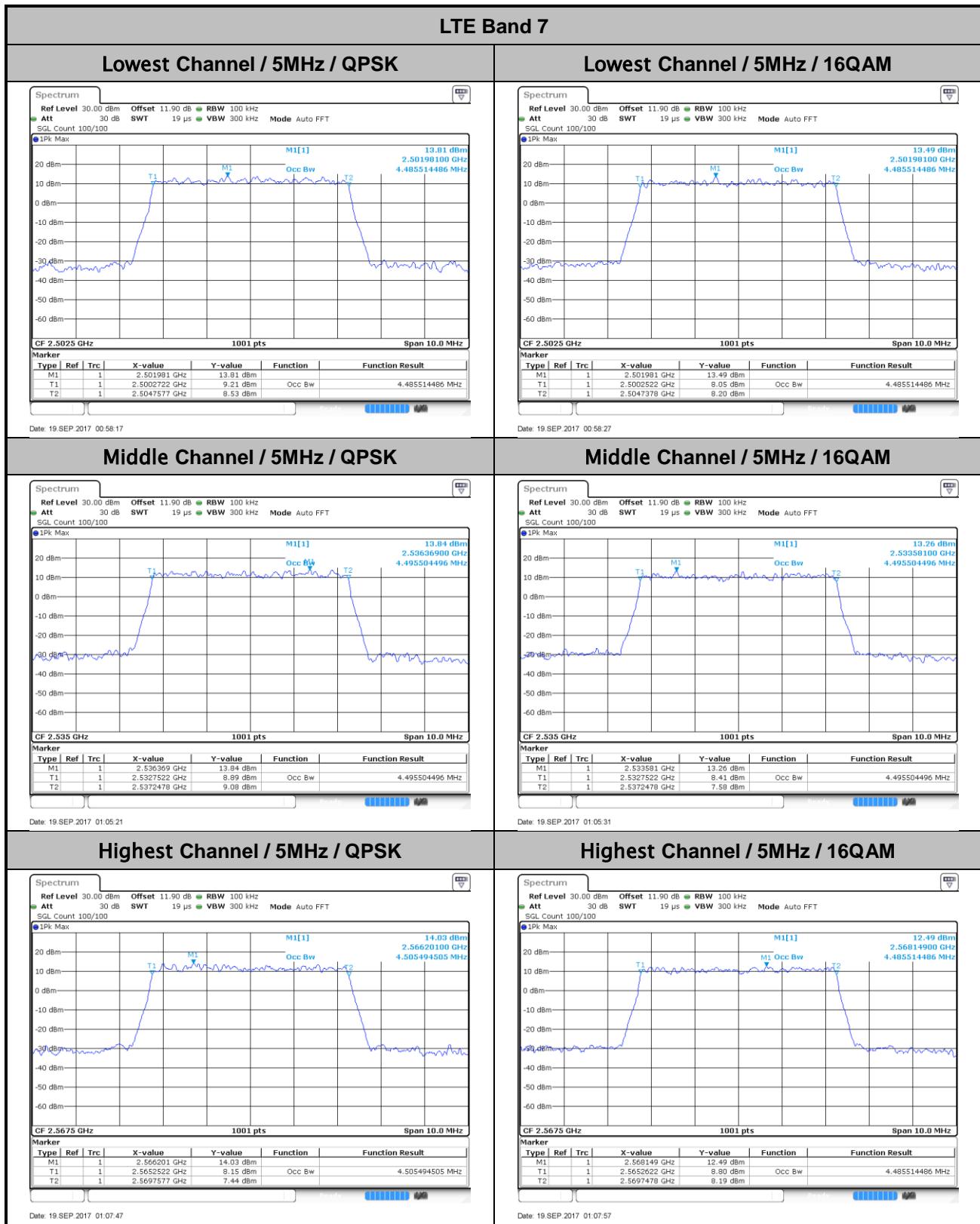


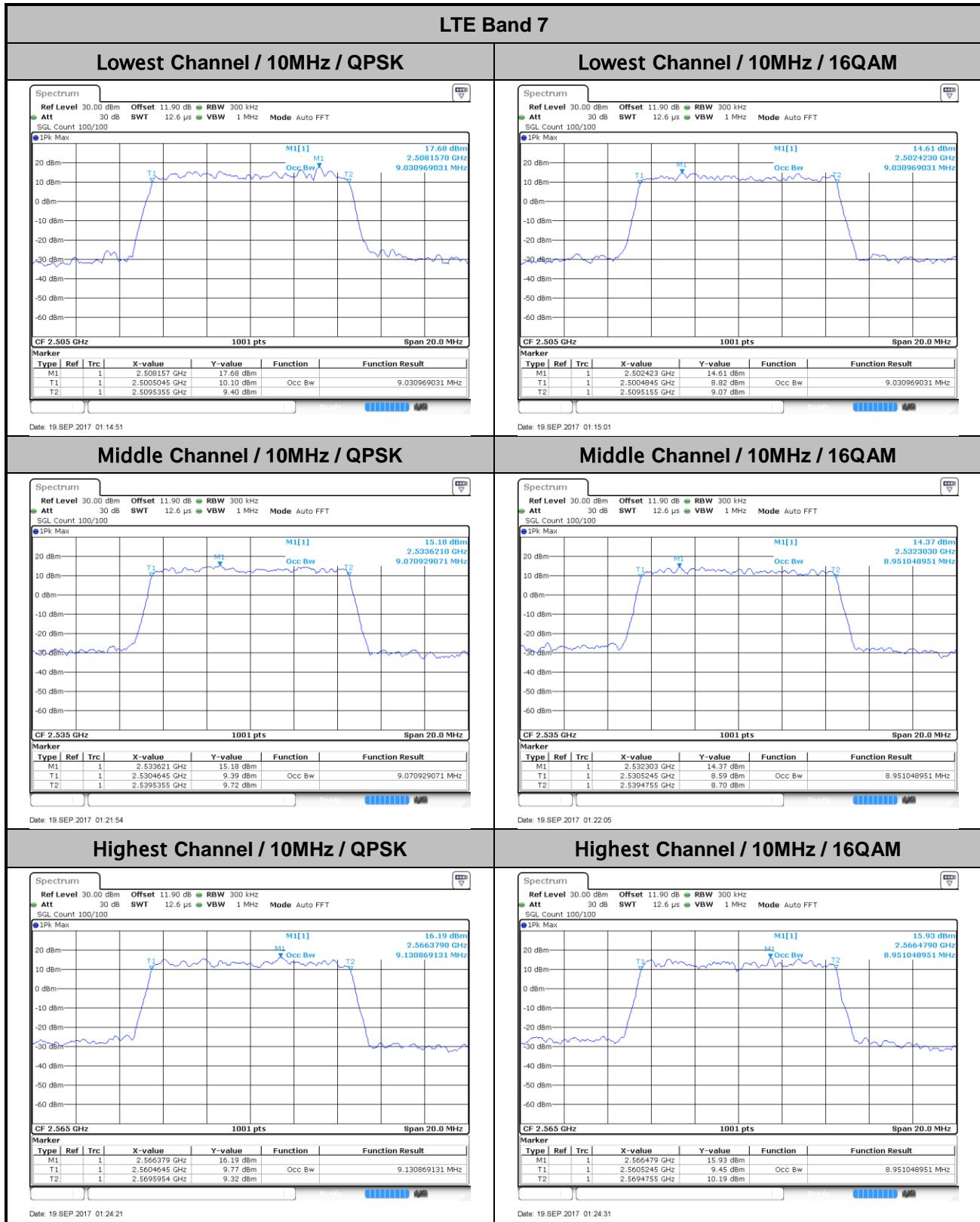


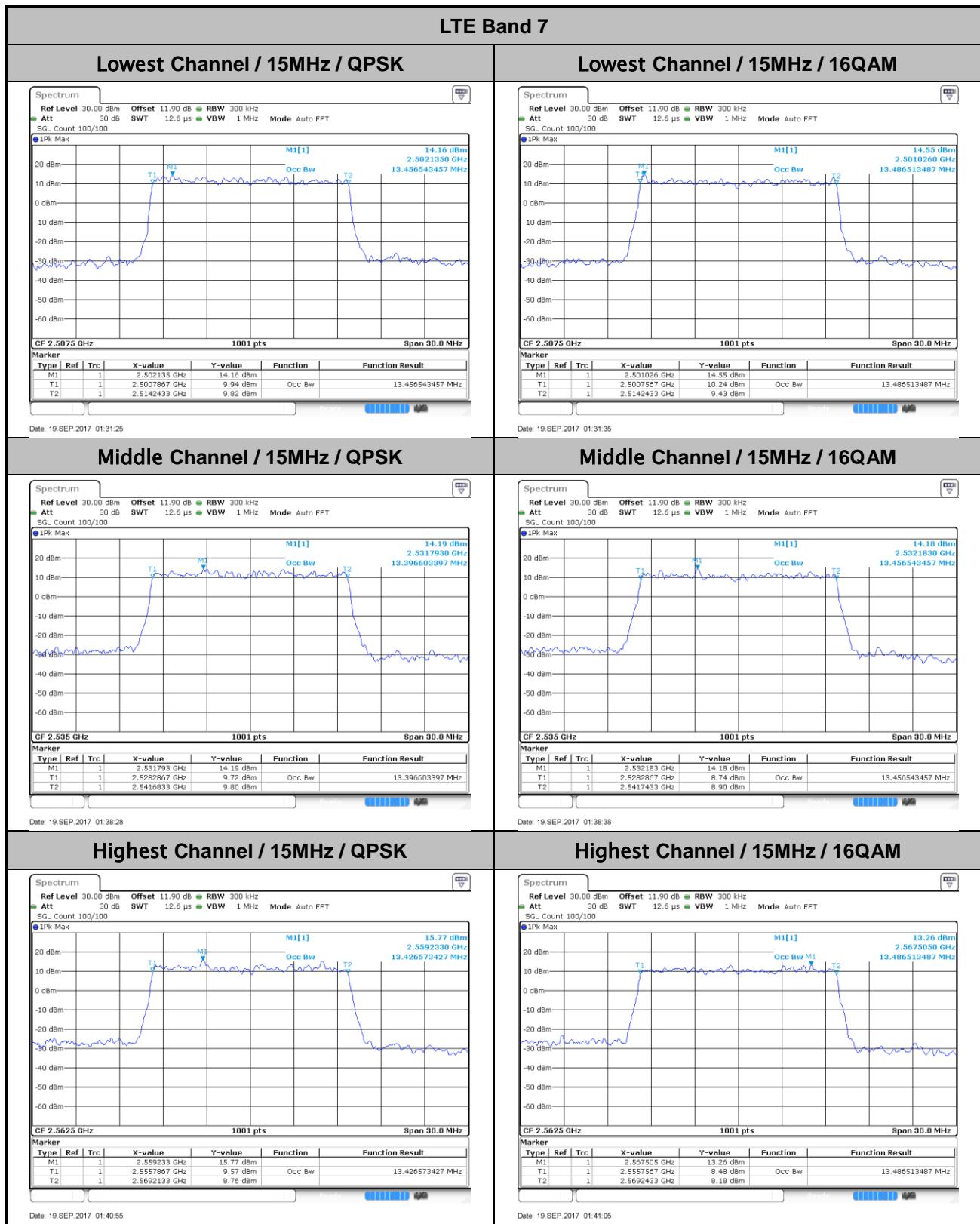


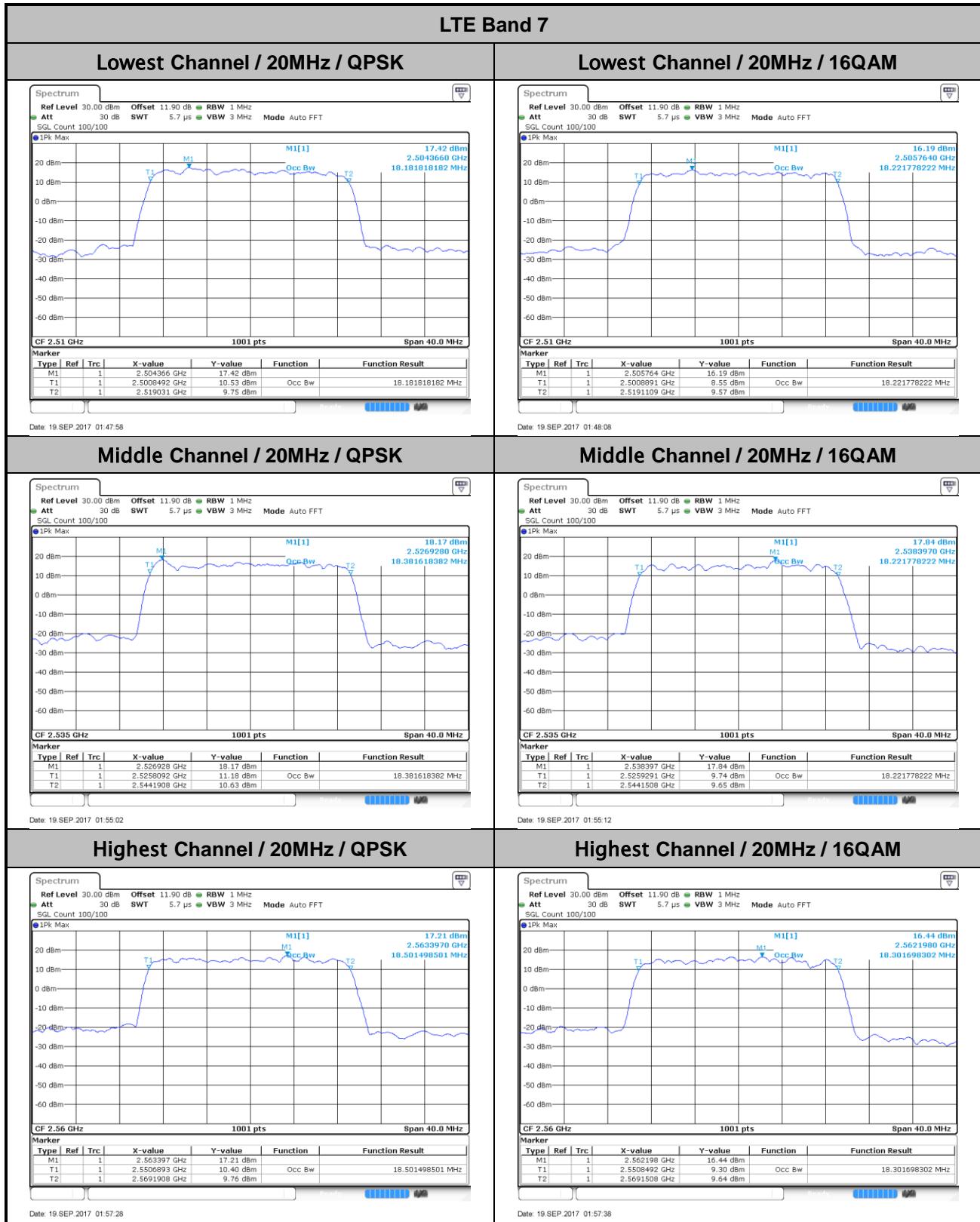
**Occupied Bandwidth**

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	4.49	9.03	9.03	13.46	13.49	18.18	18.22
Middle CH	-	-	-	-	4.5	4.5	9.07	8.95	13.4	13.46	18.38	18.22
Highest CH	-	-	-	-	4.51	4.49	9.13	8.95	13.43	13.49	18.5	18.3



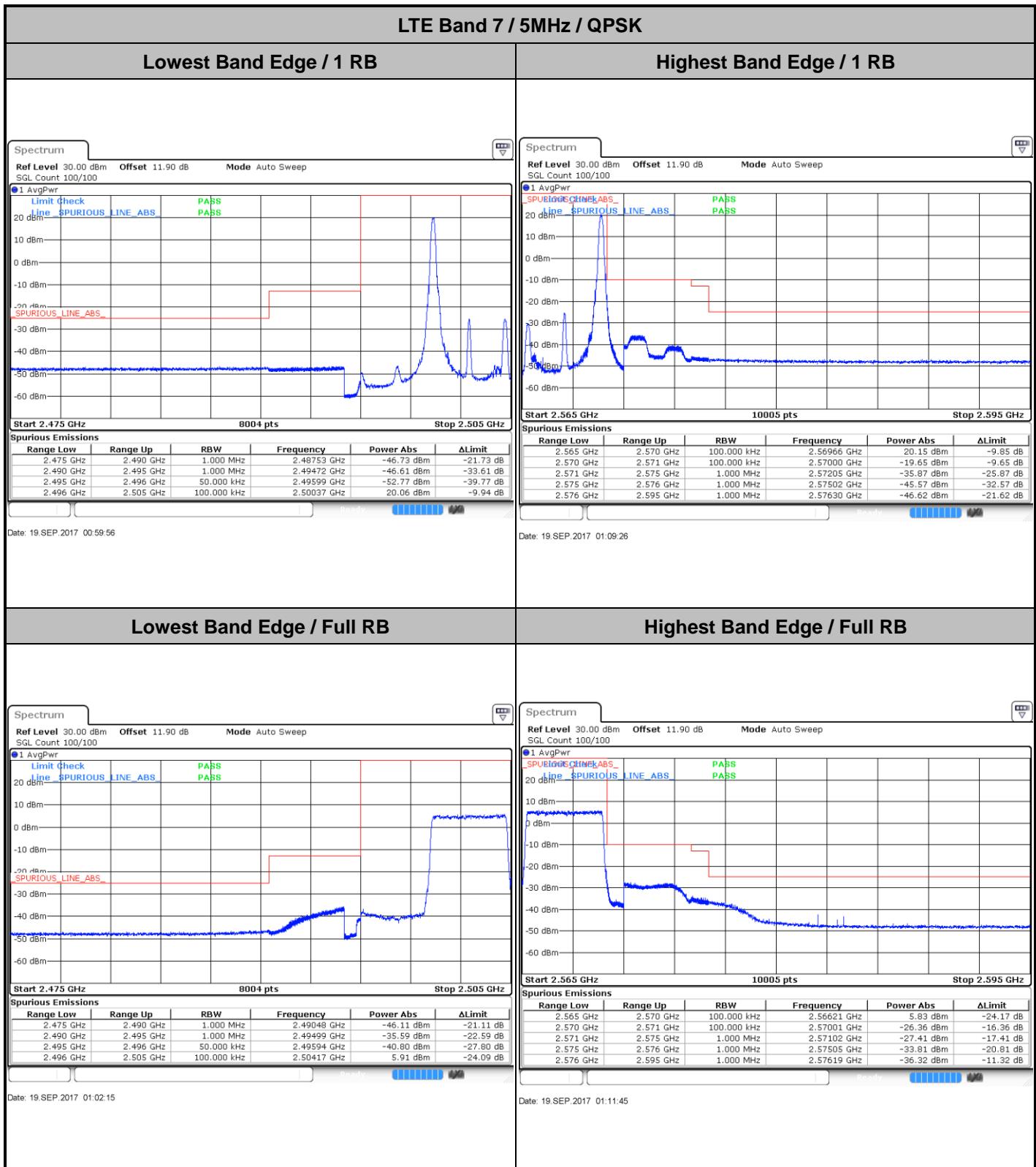


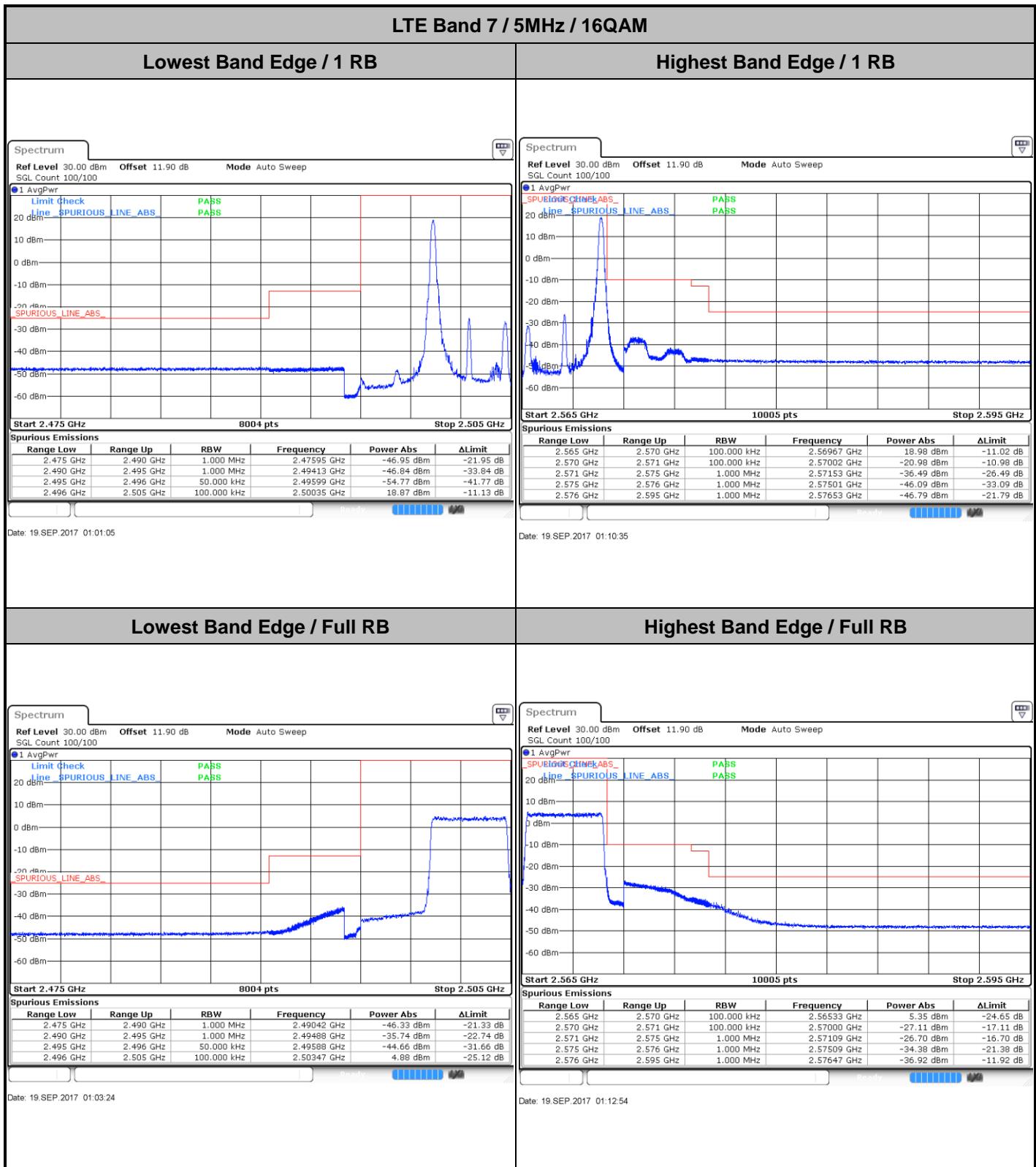


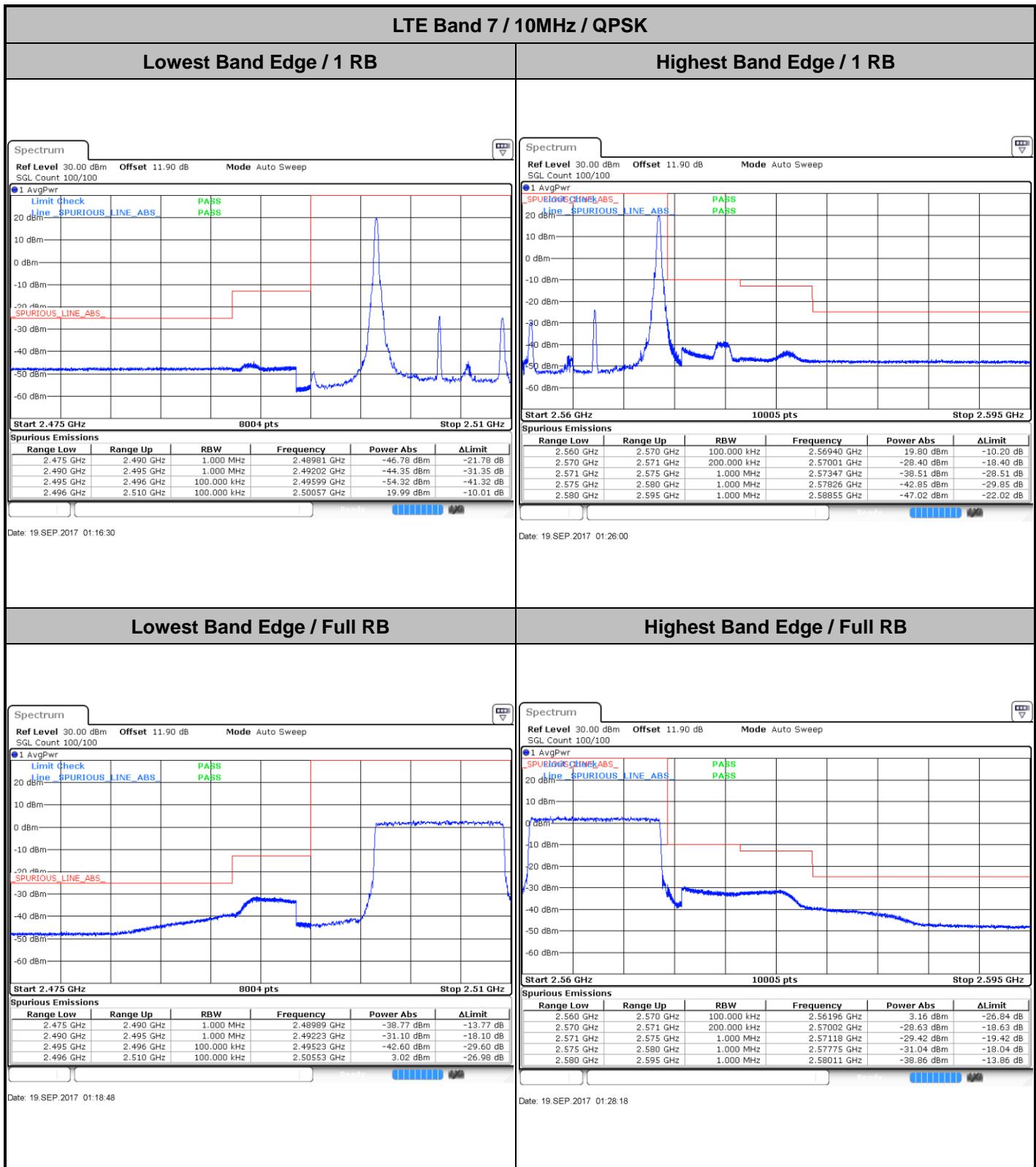


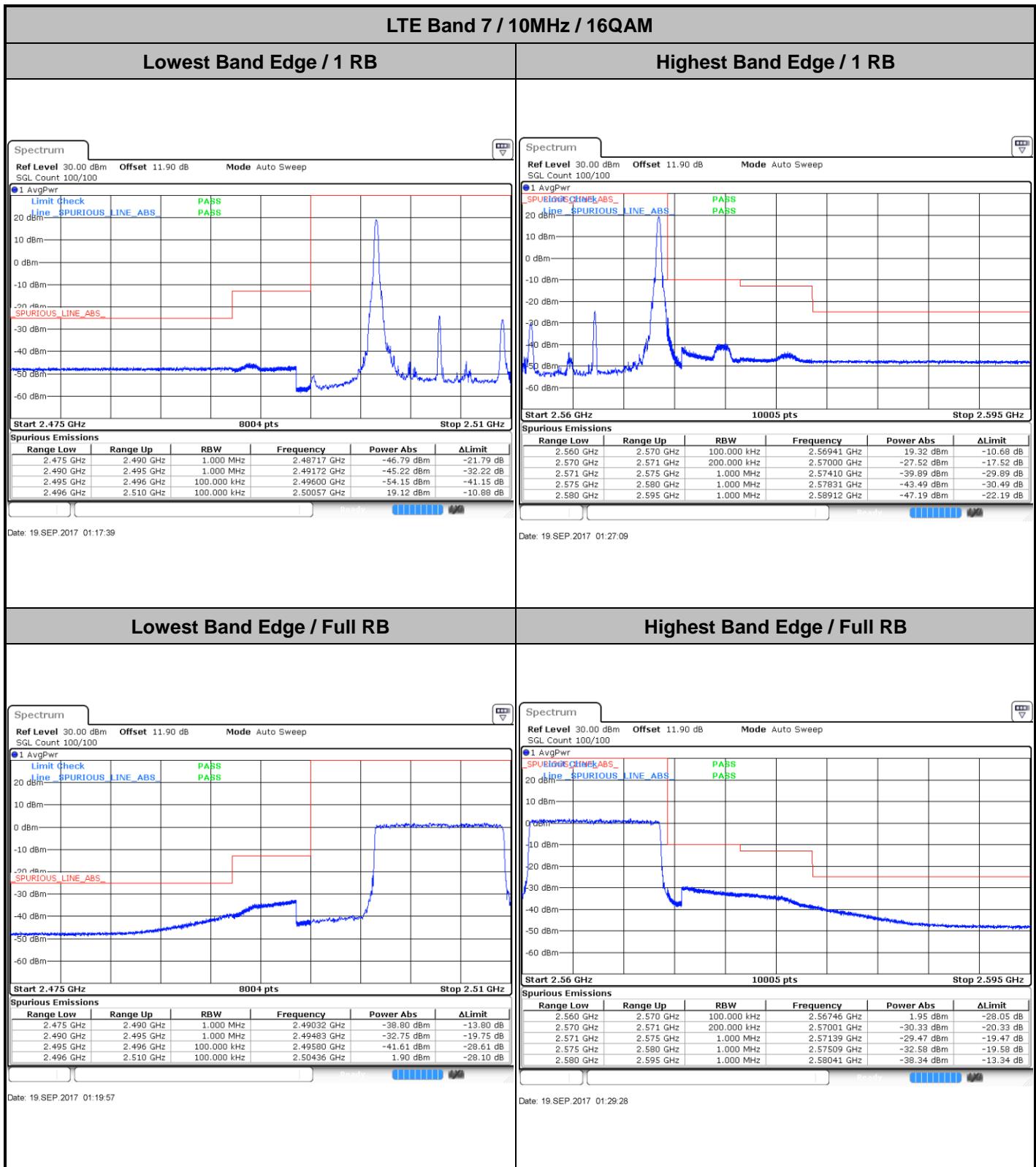


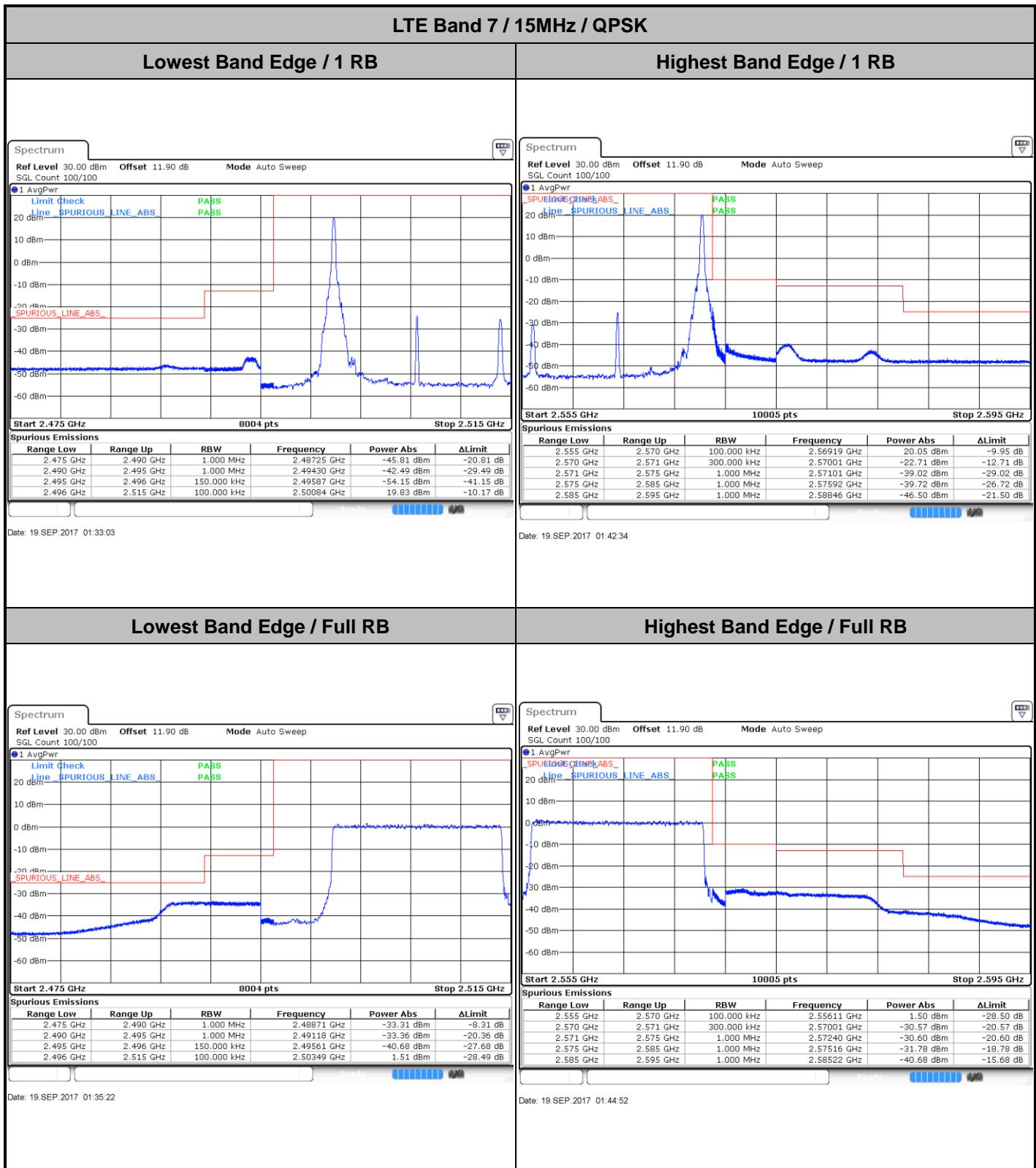
Conducted Band Edge

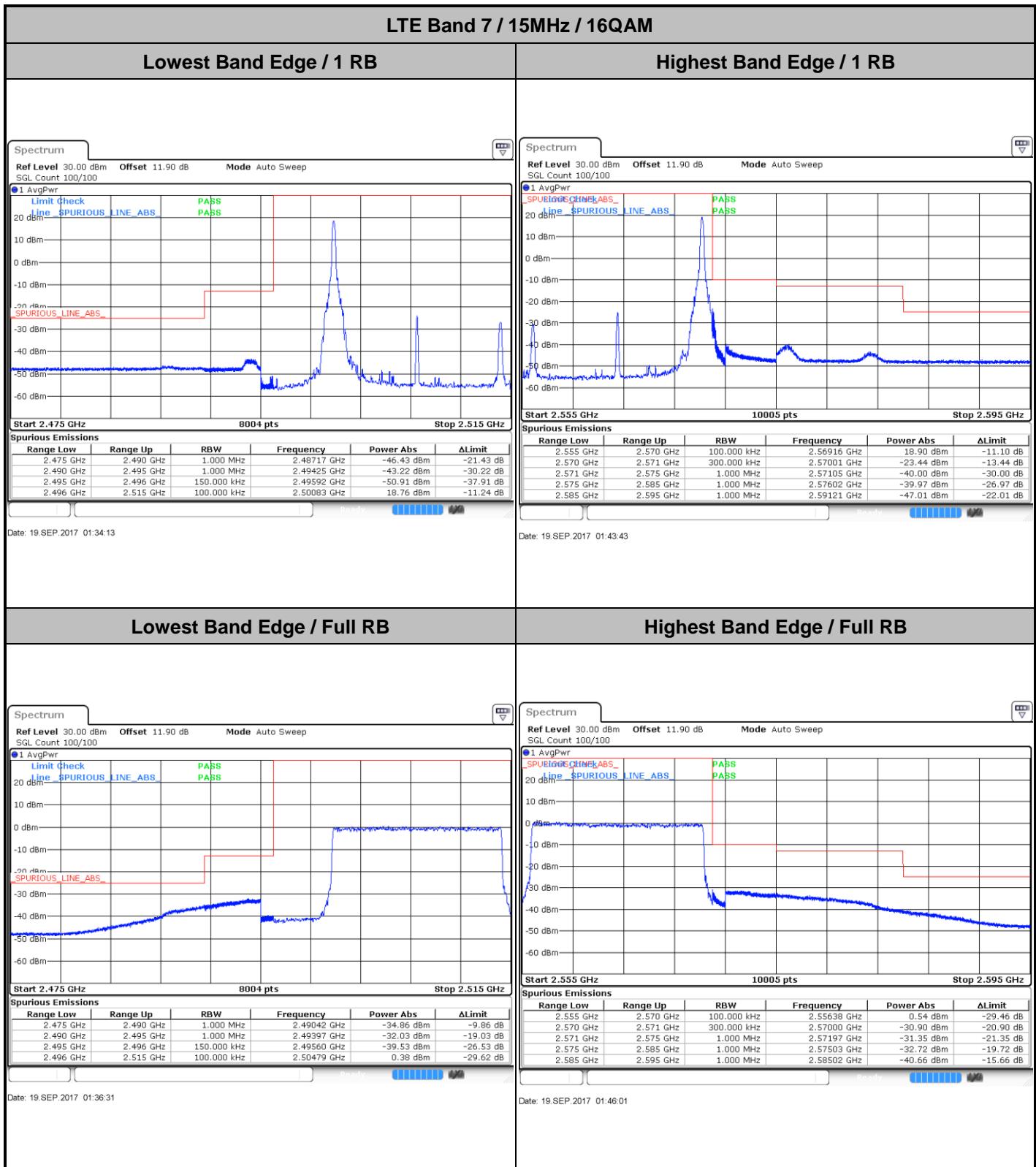


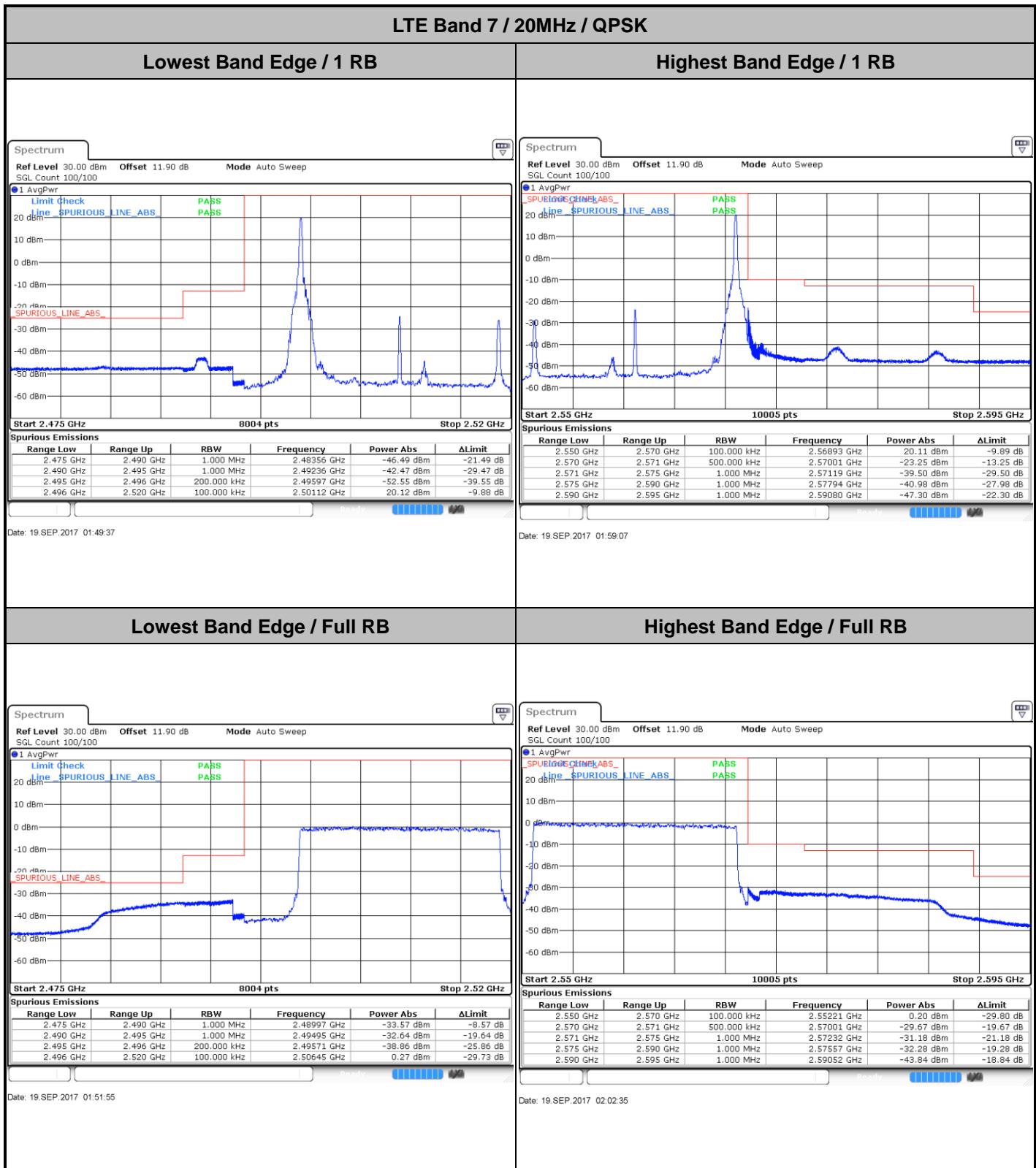


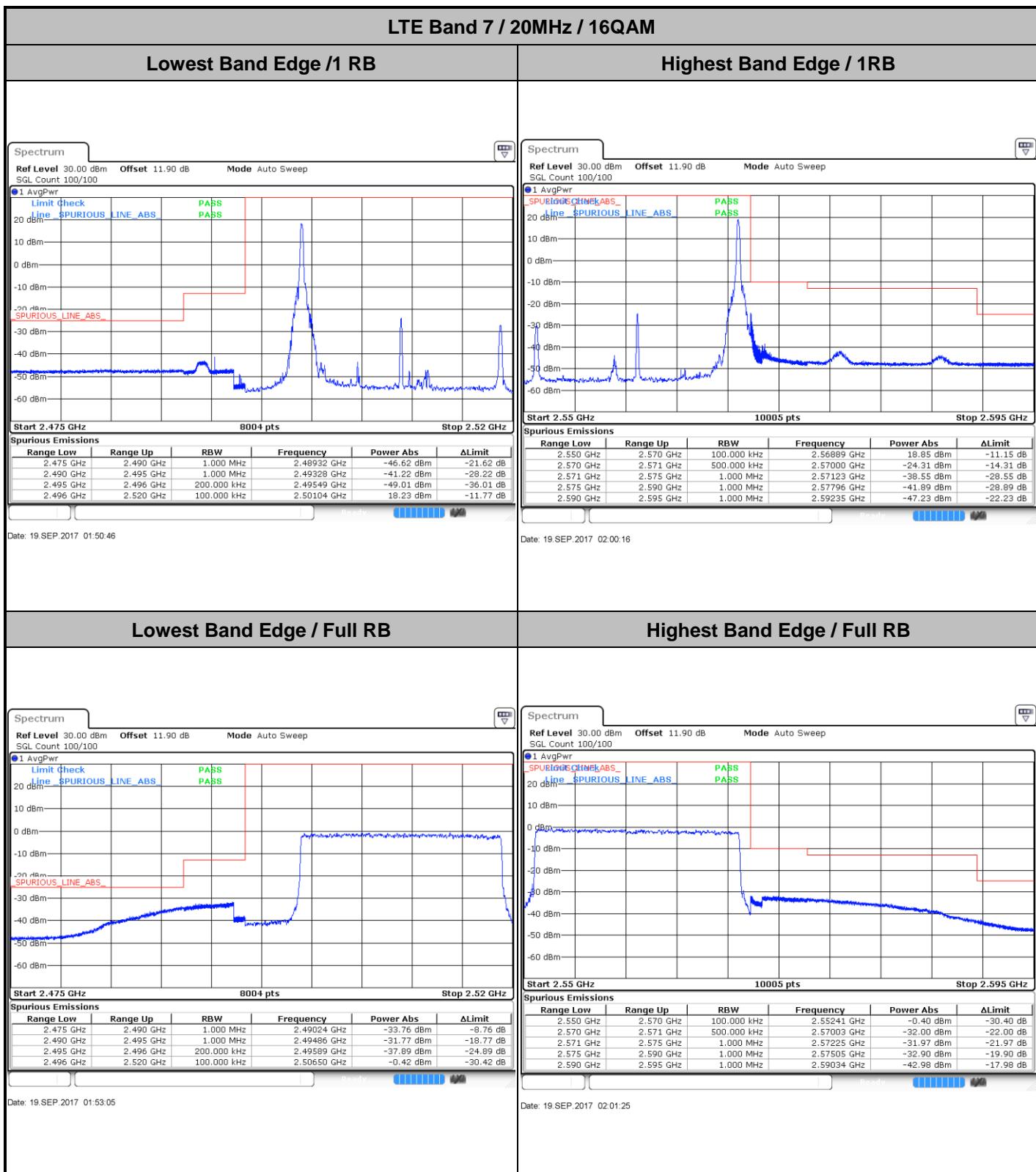














Conducted Spurious Emission