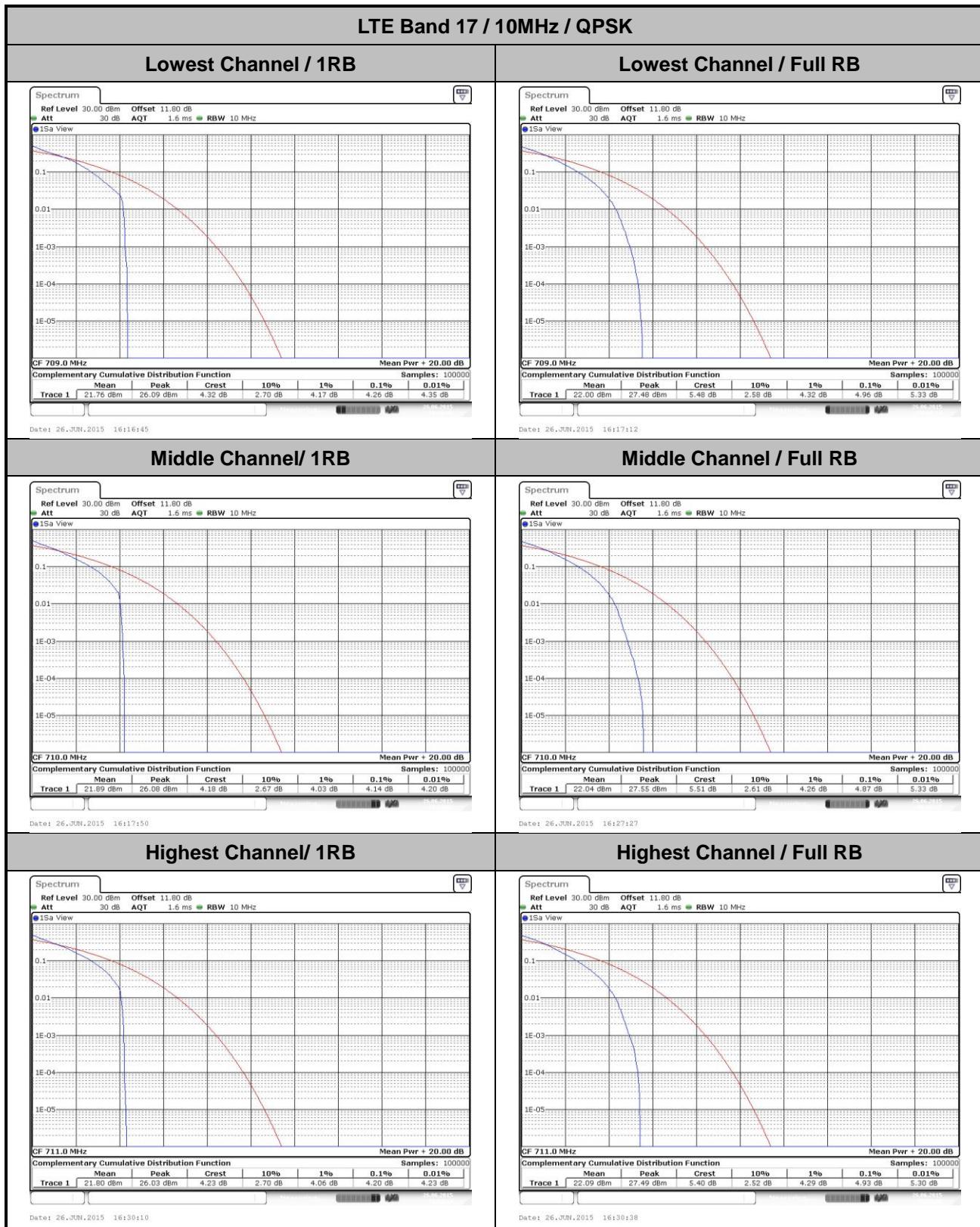


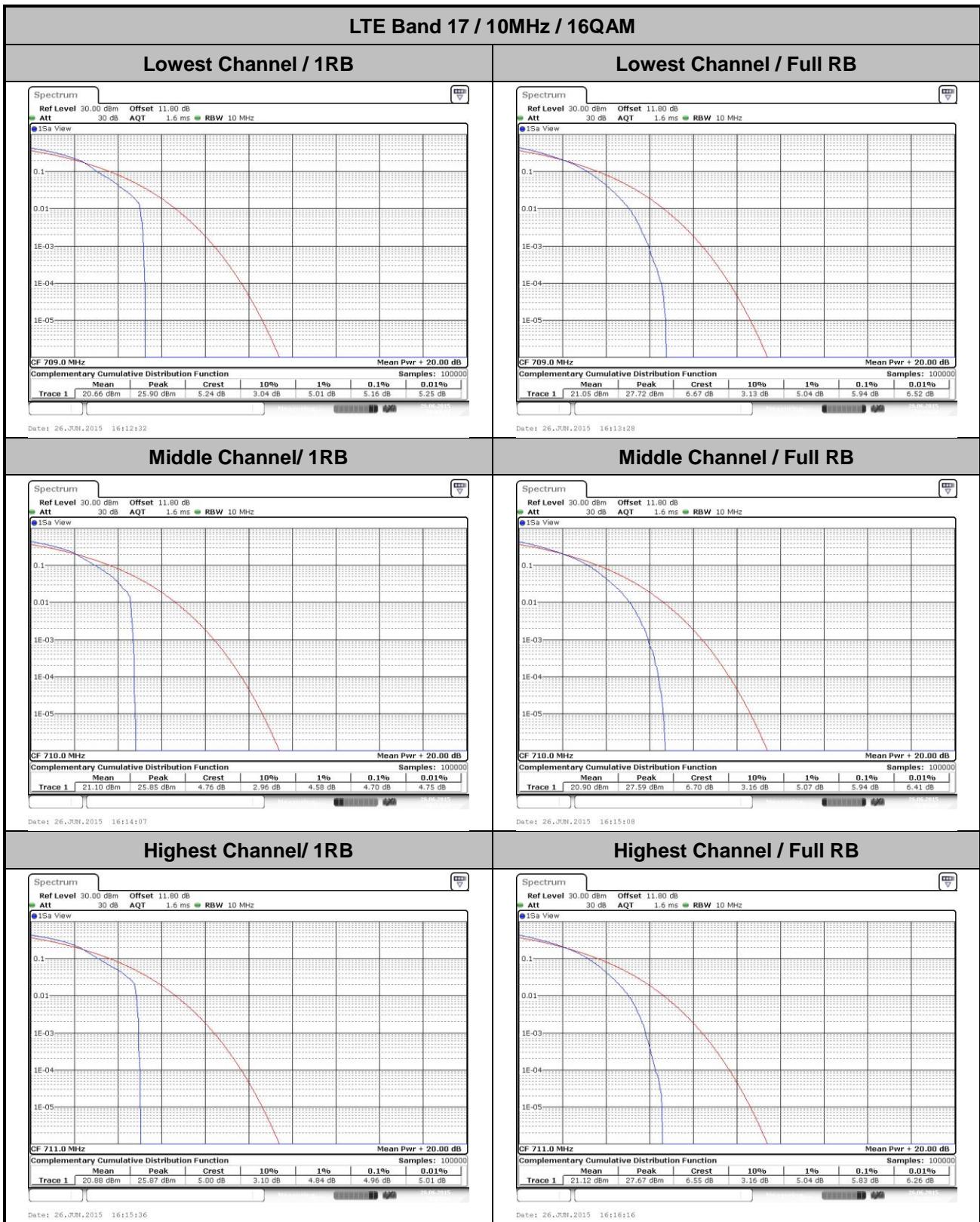


## LTE Band 17

### Peak-to-Average Ratio

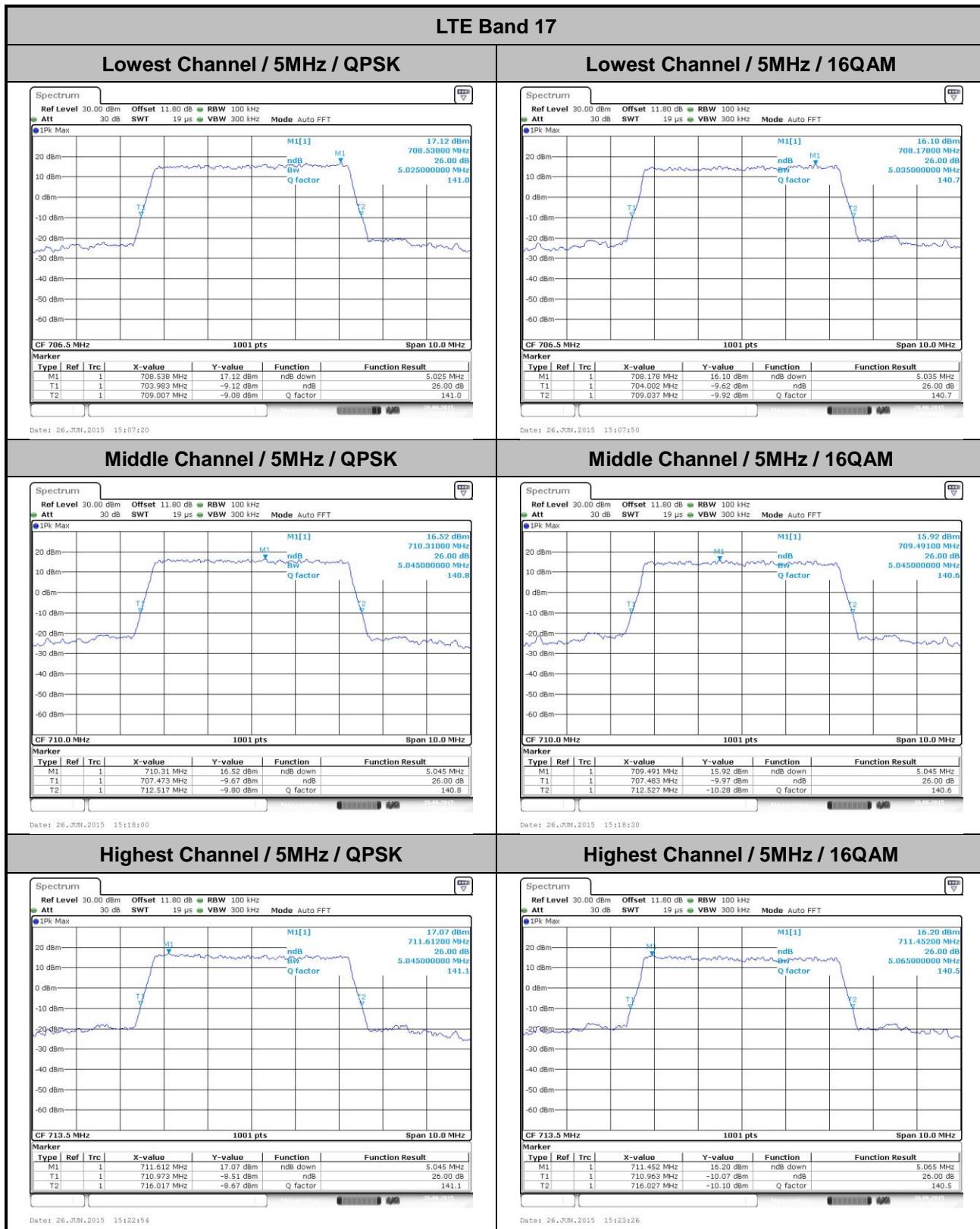
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.26	4.96	5.16	5.94	
Middle CH	4.14	4.87	4.7	5.94	
Highest CH	4.2	4.93	4.96	5.83	PASS

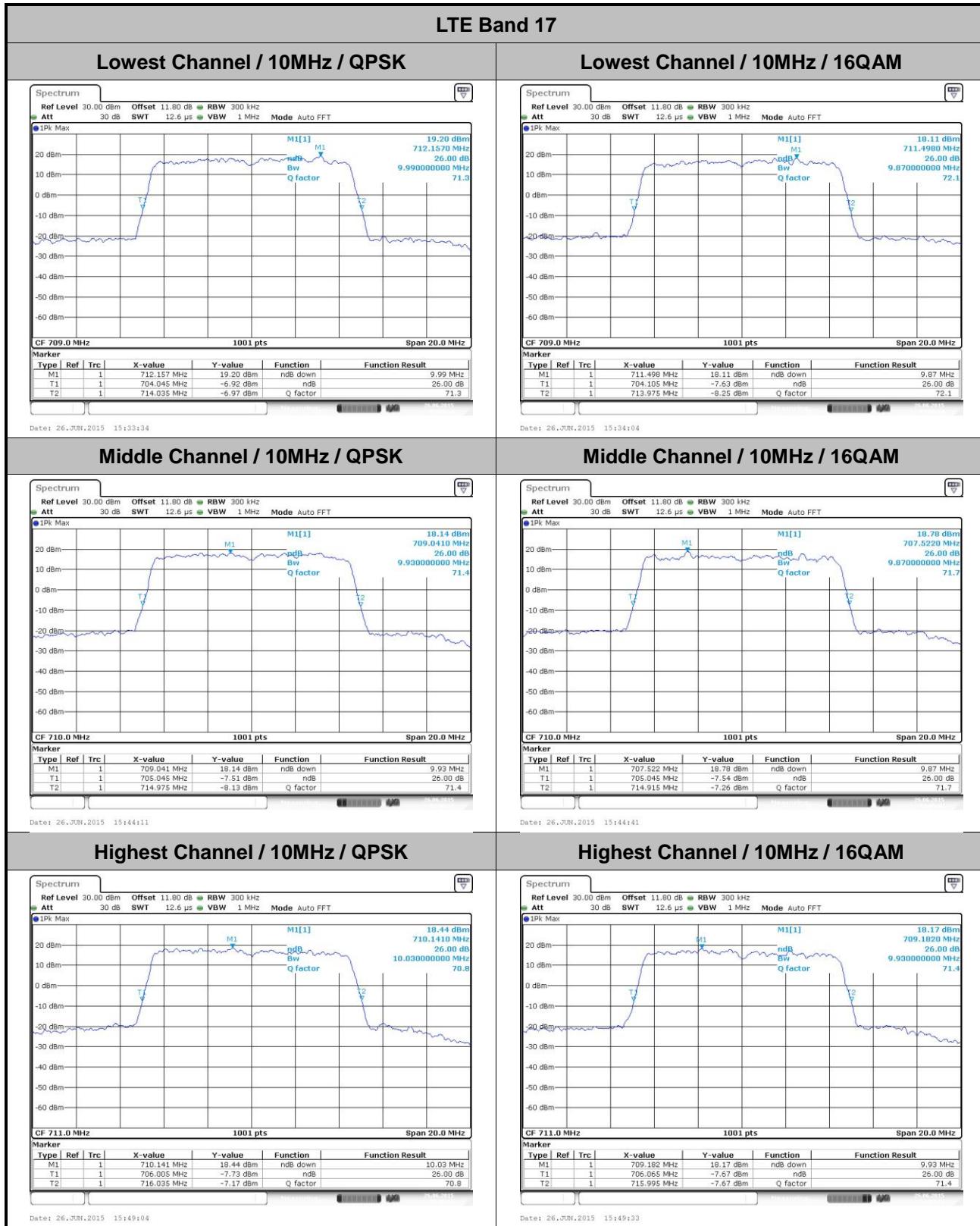




**26dB Bandwidth**

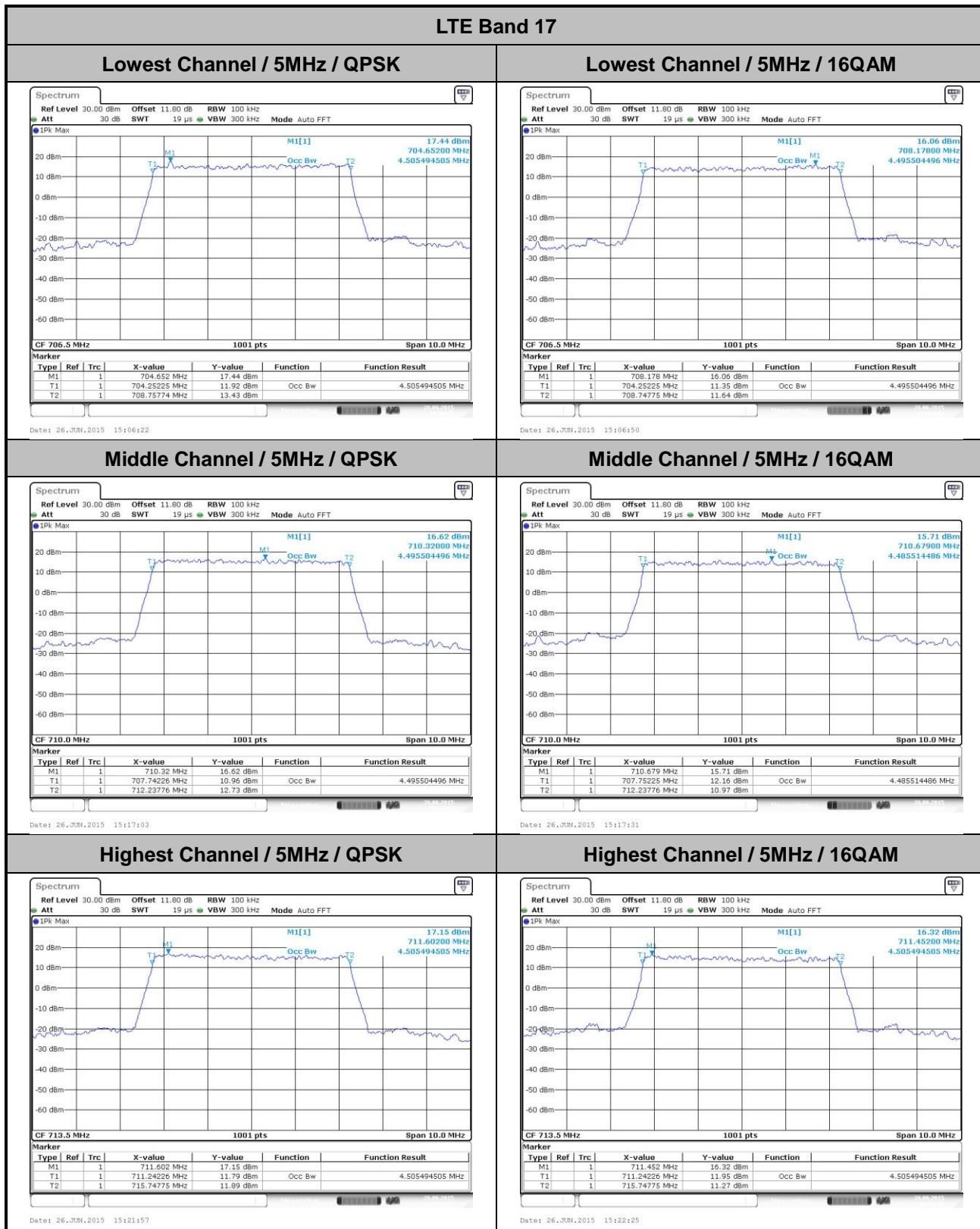
Mode	LTE Band 17 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.03	5.04	9.99	9.87	-	-	-	-
Middle CH	-	-	-	-	5.05	5.05	9.93	9.87	-	-	-	-
Highest CH	-	-	-	-	5.05	5.07	10.03	9.93	-	-	-	-

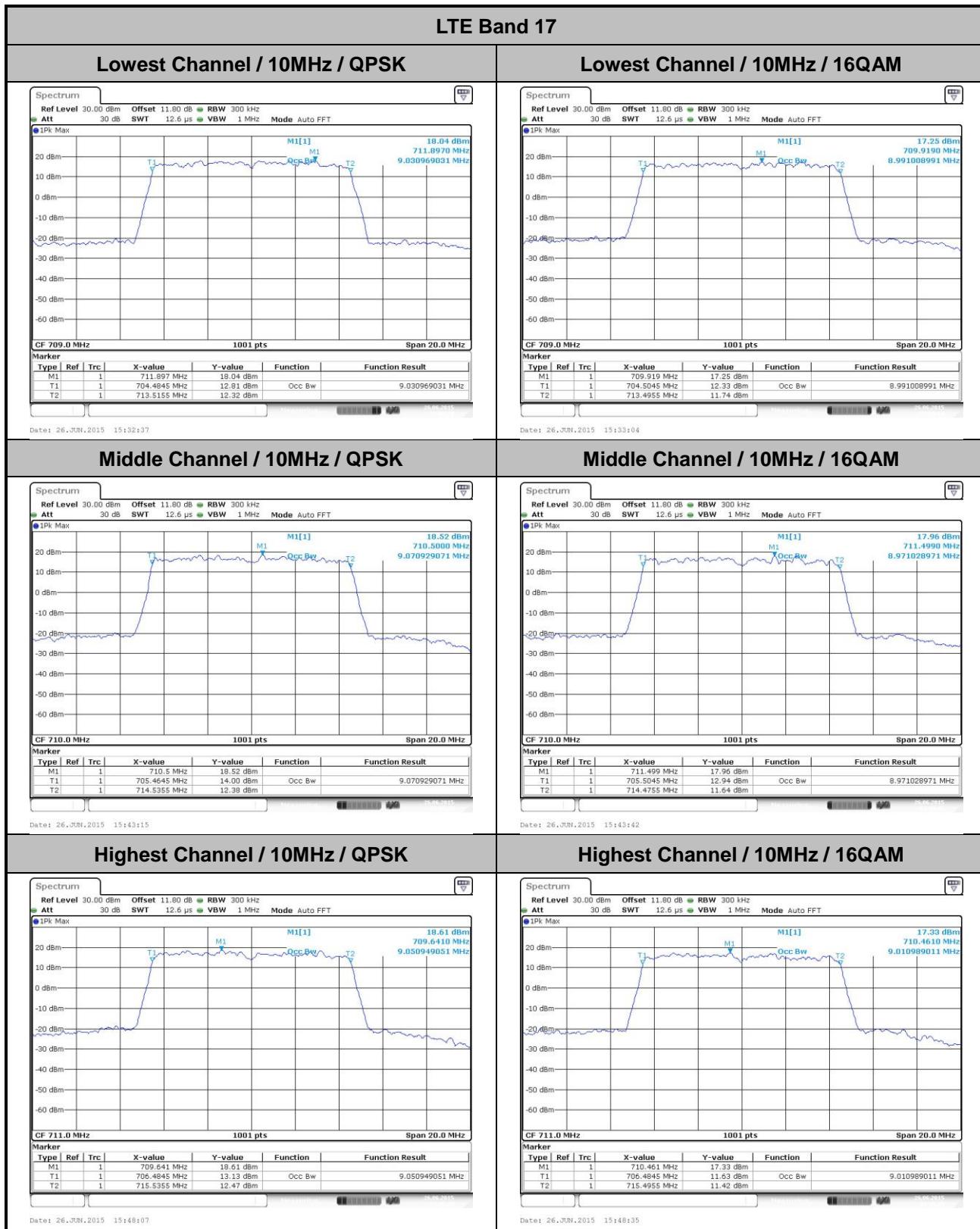




**Occupied Bandwidth**

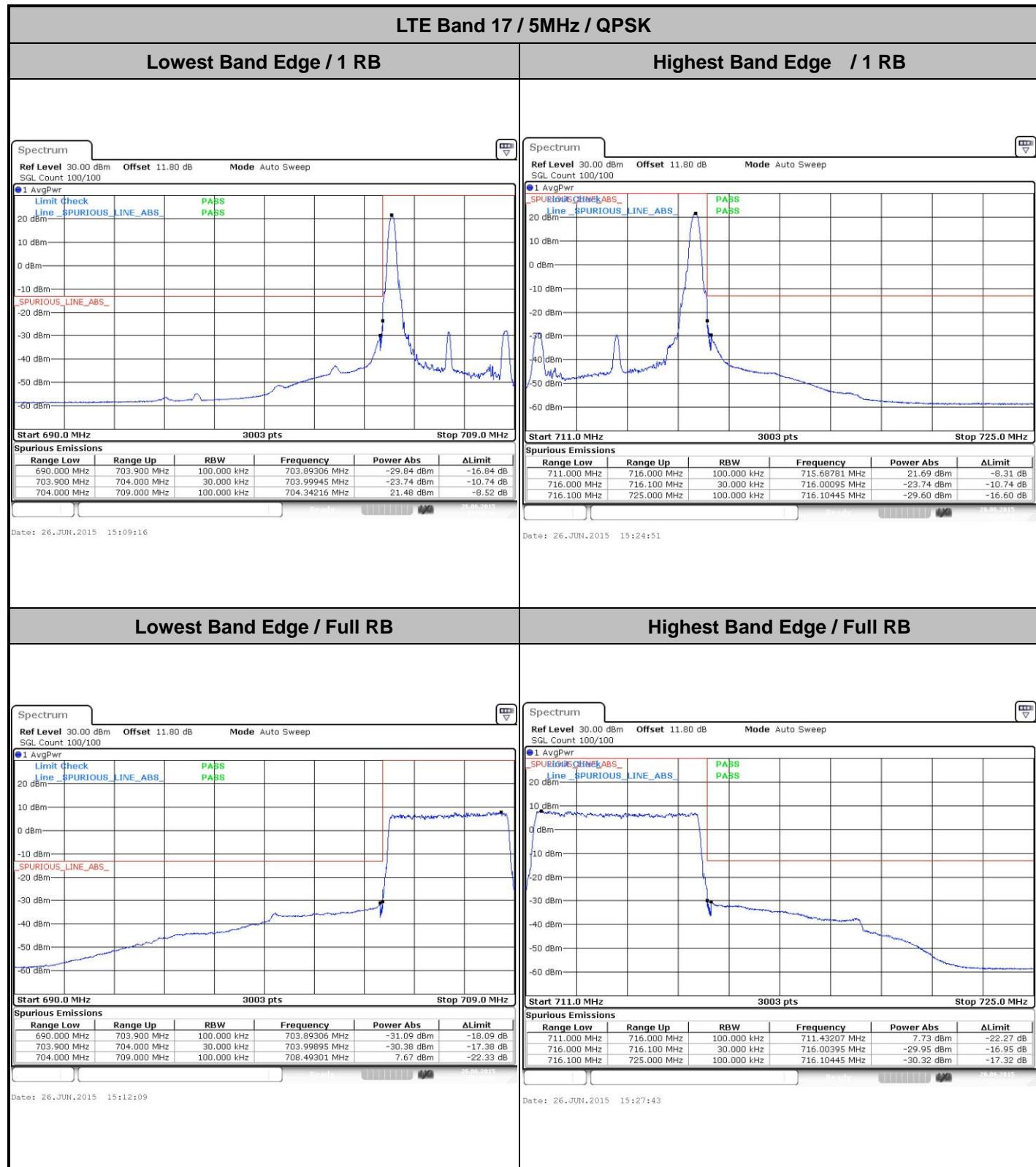
Mode	LTE Band 17 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.5	9.03	8.99	-	-	-	-
Middle CH	-	-	-	-	4.5	4.49	9.07	8.97	-	-	-	-
Highest CH	-	-	-	-	4.51	4.51	9.05	9.01	-	-	-	-

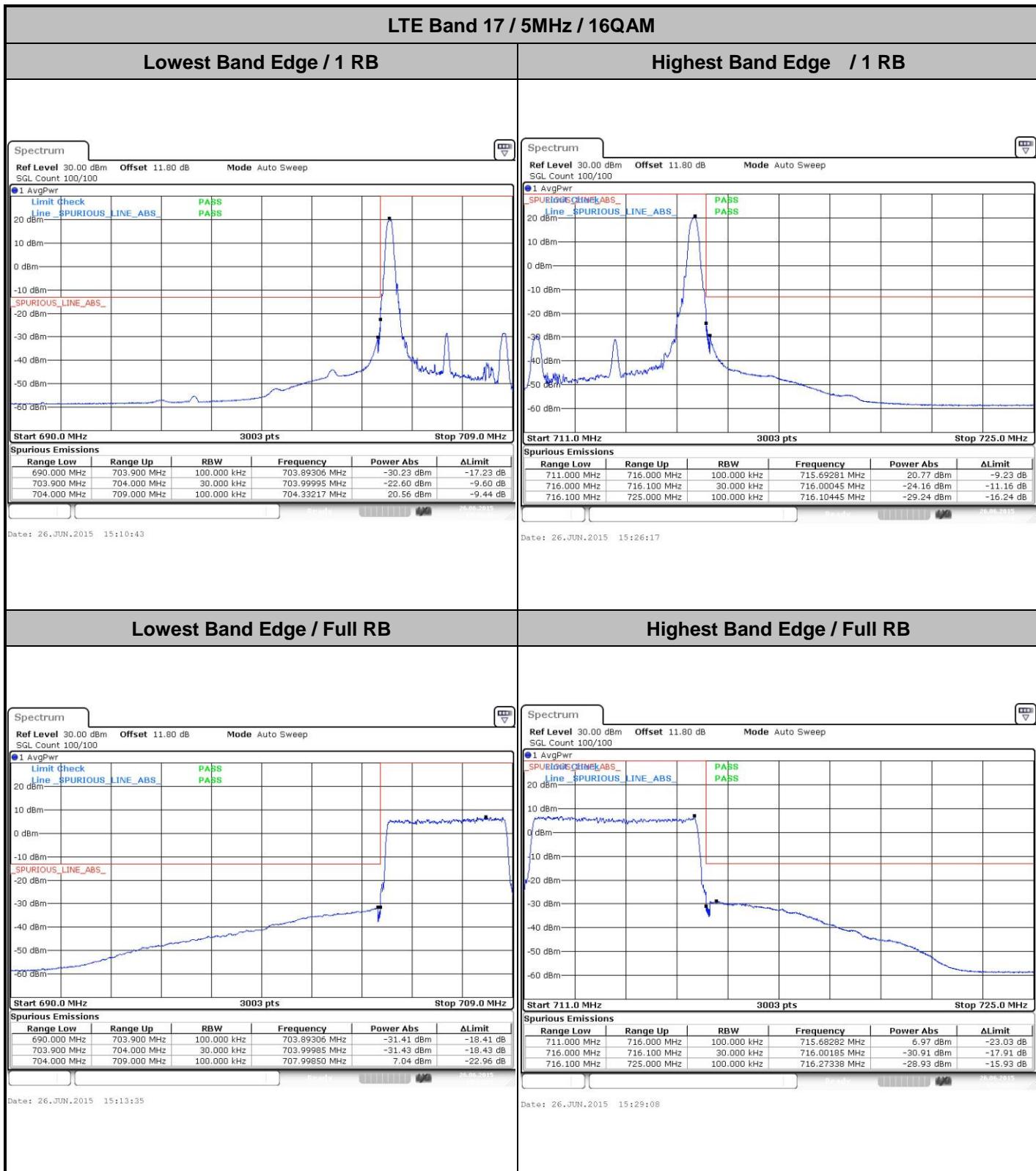


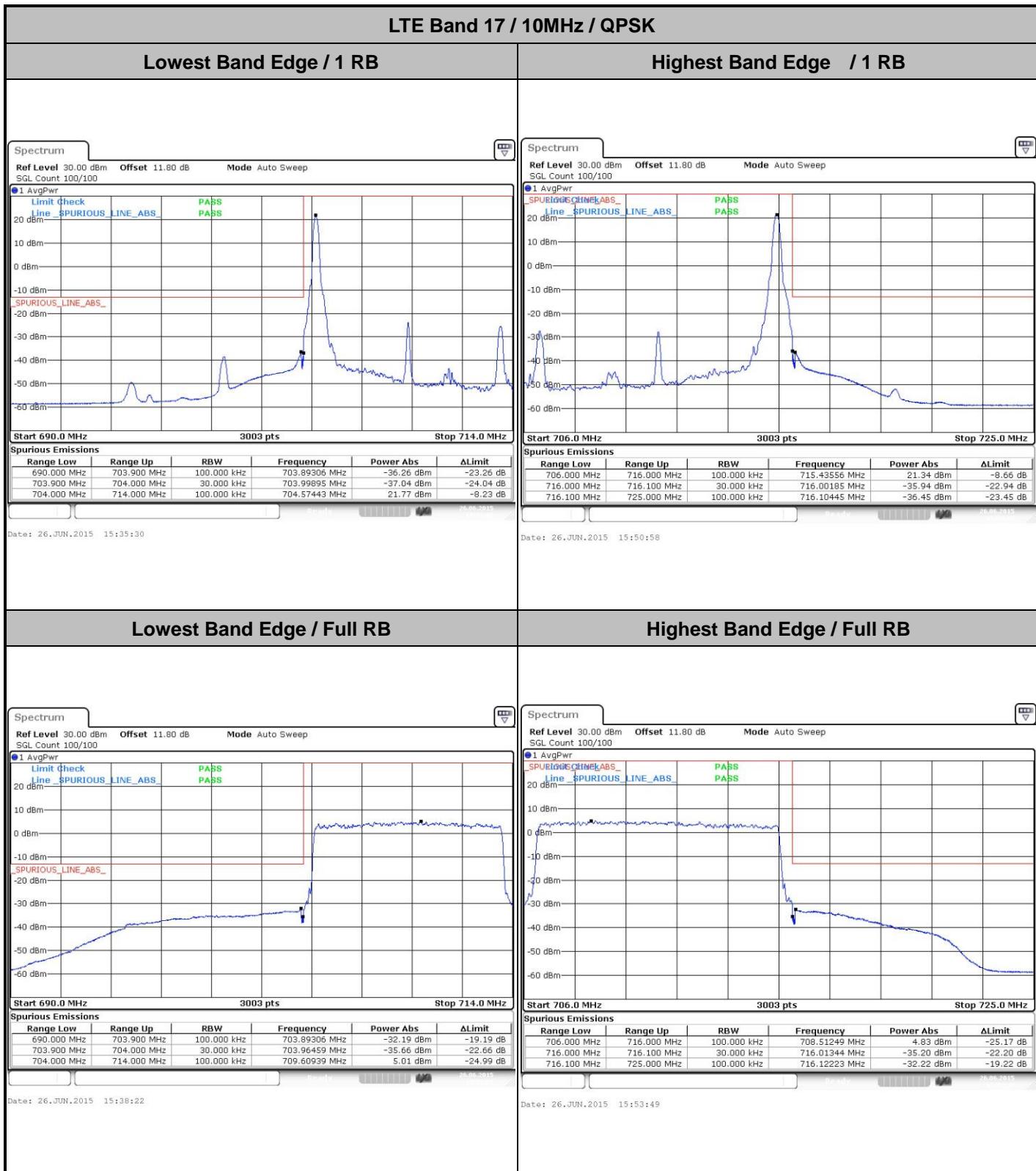


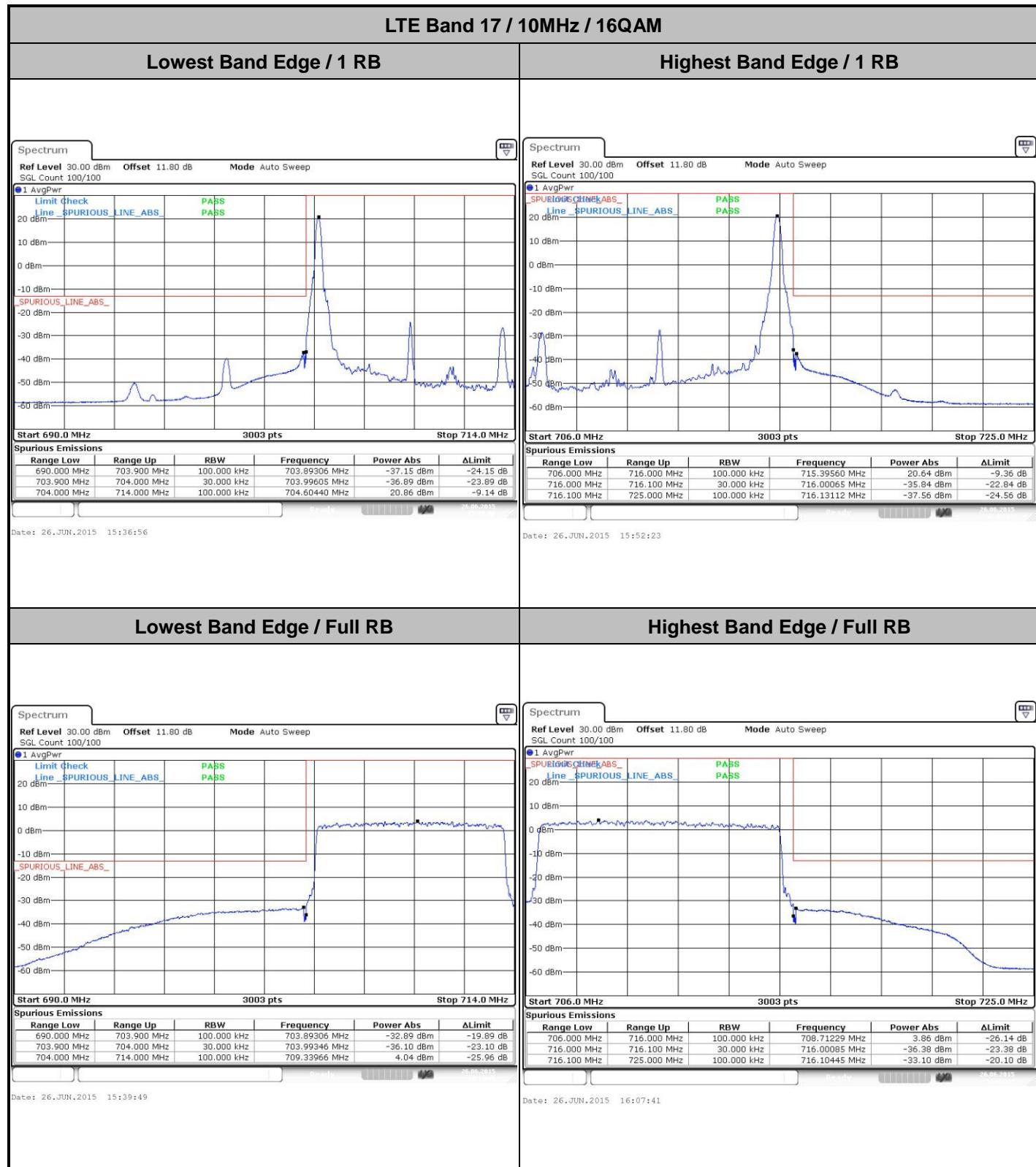


## Conducted Band Edge



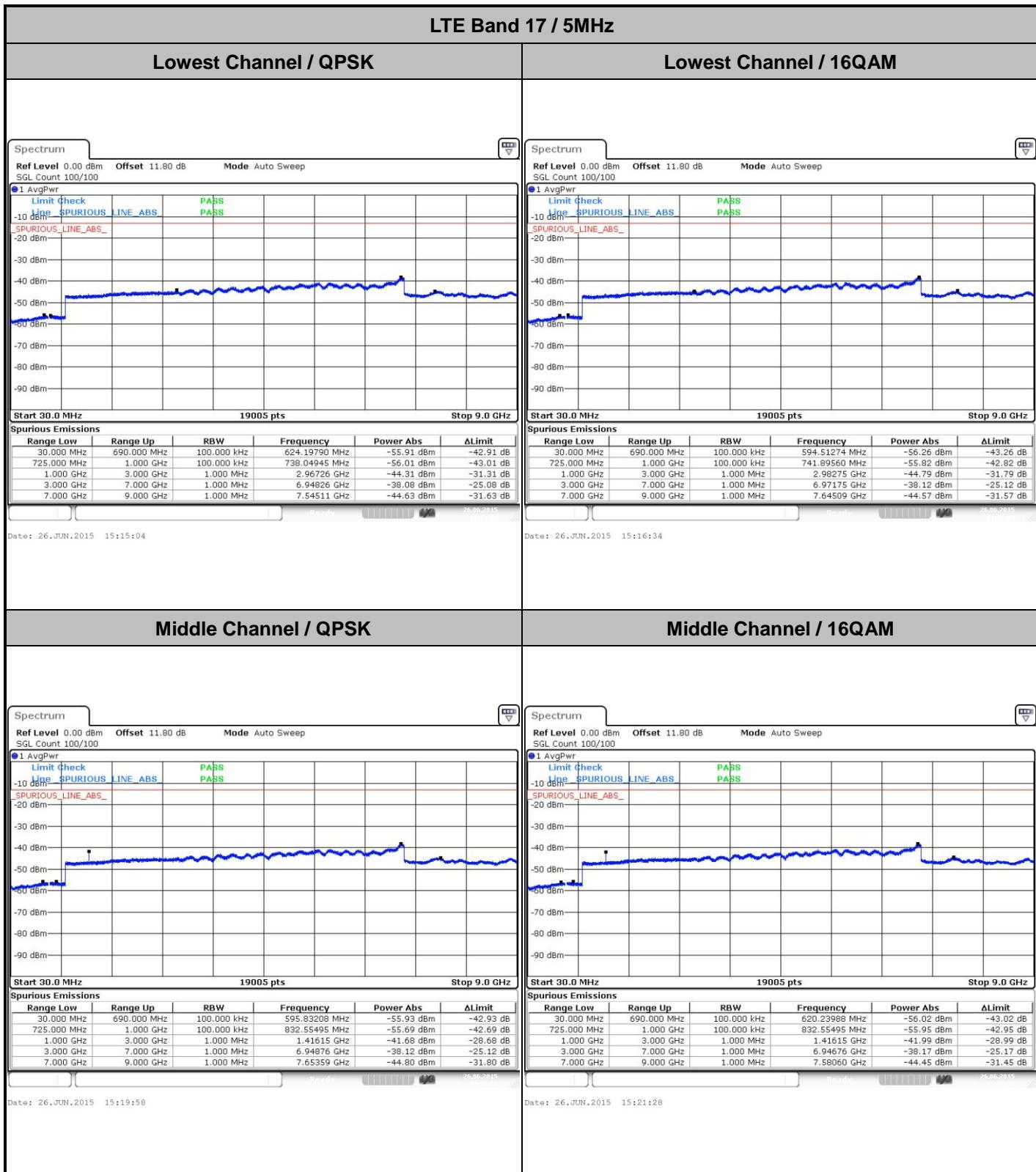








## Conducted Spurious Emission

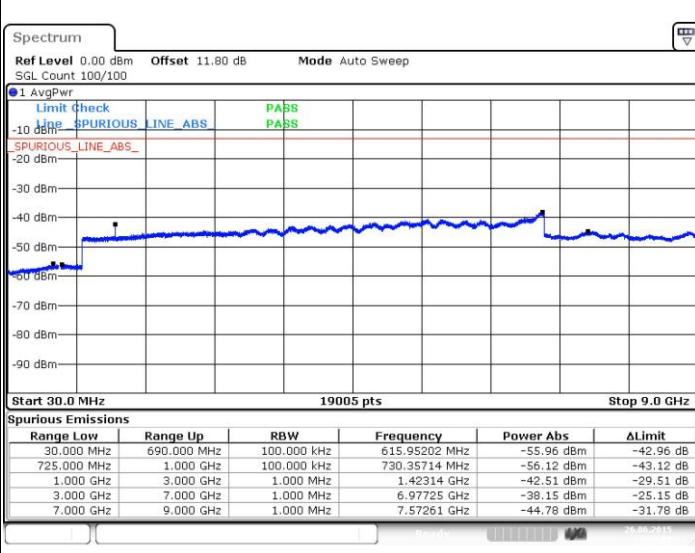
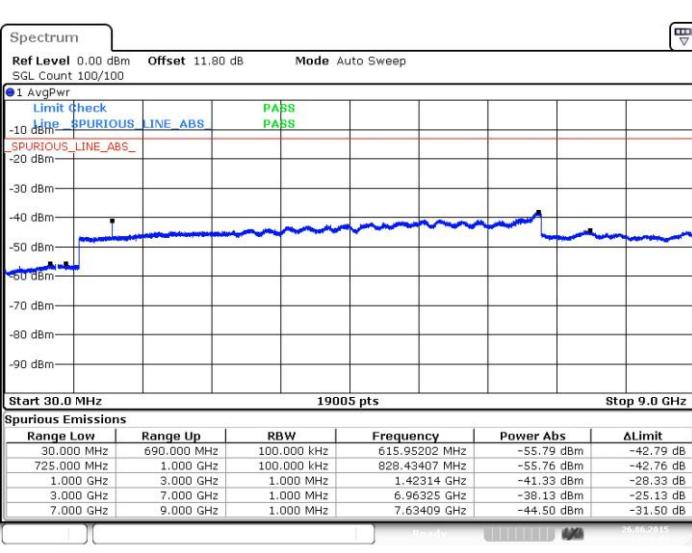




## LTE Band 17 / 5MHz

## Highest Channel / QPSK

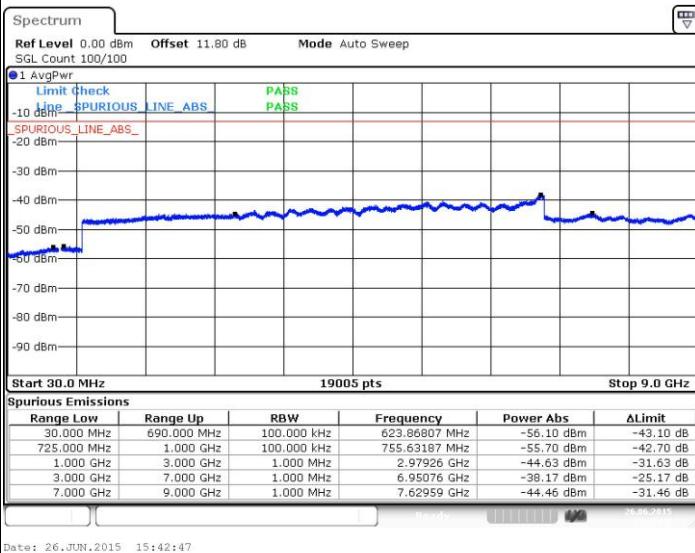
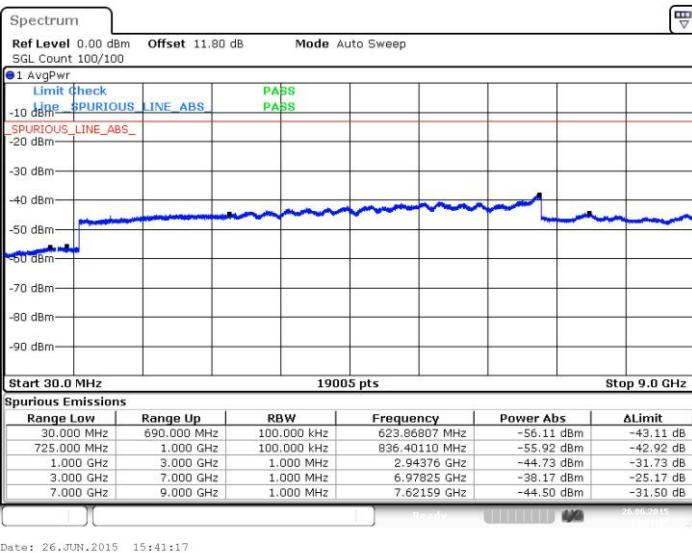
## Highest Channel / 16QAM

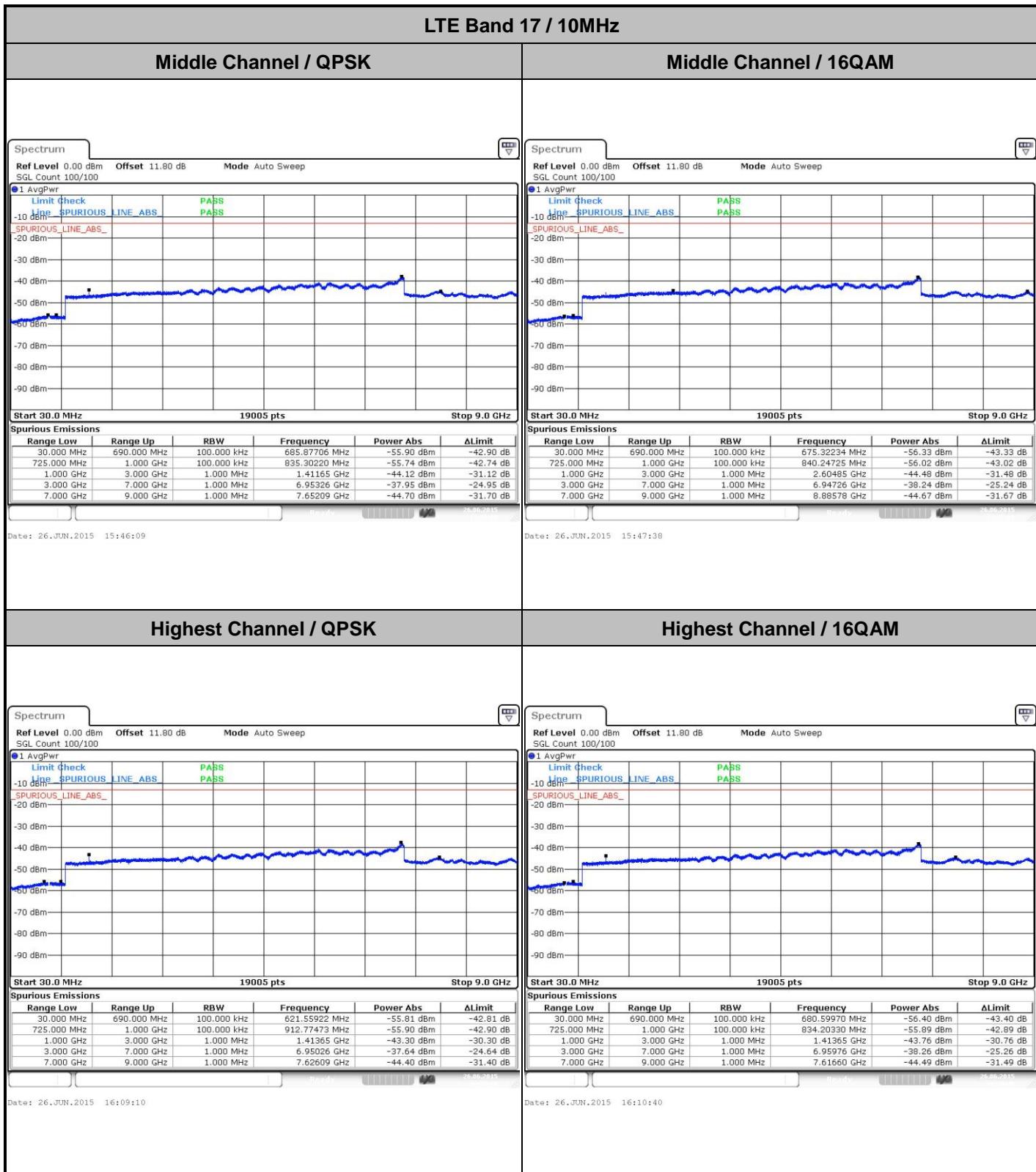


## LTE Band 17 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM







## Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0080	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0077	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0092	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0073	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0097	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0096	

**Note:**

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Within Band
		Frequency Offset ( $\Delta f$ ) (Hz)	Result
50	Normal Voltage	5.7	PASS
40	Normal Voltage	0.4	
30	Normal Voltage	5.5	
20(Ref.)	Normal Voltage	0	
10	Normal Voltage	0.1	
0	Normal Voltage	6.5	
-10	Normal Voltage	0.5	
-20	Normal Voltage	5.2	
-30	Normal Voltage	0.1	
20	Maximum Voltage	6.9	
20	Normal Voltage	0	
20	Battery End Point	6.8	

 $|MAX(\Delta f)| = 6.9 \text{ Hz}$ 

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L -  MAX(\Delta f) $	704.139993	$\geq 704 \text{ MHz}$	PASS
$f_H +  MAX(\Delta f) $	715.860007	$\leq 716 \text{ MHz}$	