LTE Band 4

Peak-to-Average Ratio

Mode					
Mod.	QP	SK	16C	Limit: 13dB	
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.7	4.87	5.59	6.03	
Middle CH	4.06	5.1	4.96	6.14	PASS
Highest CH	4.55	5.16	5.33	6.09	

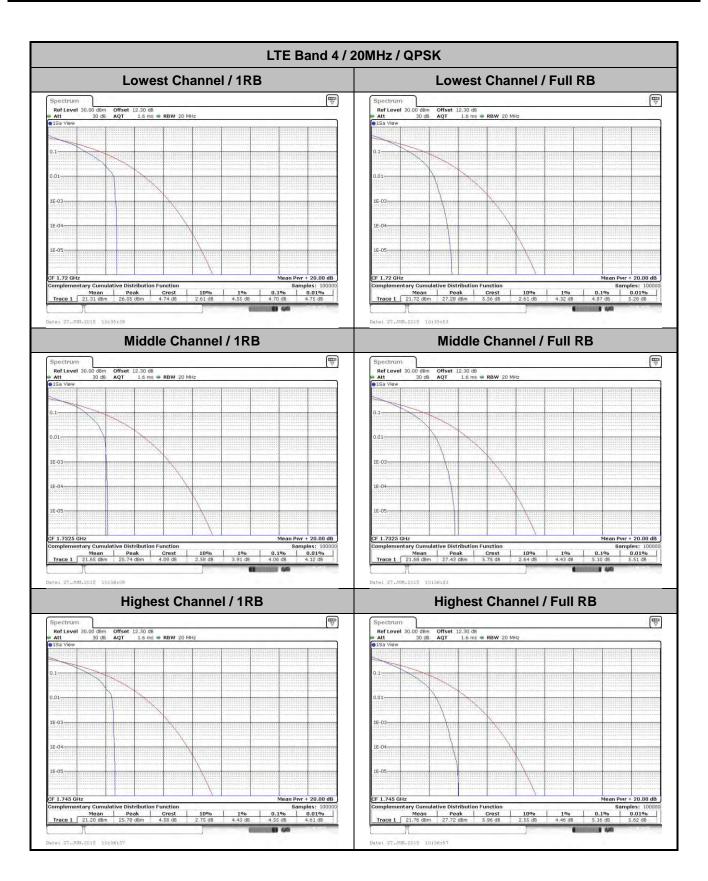
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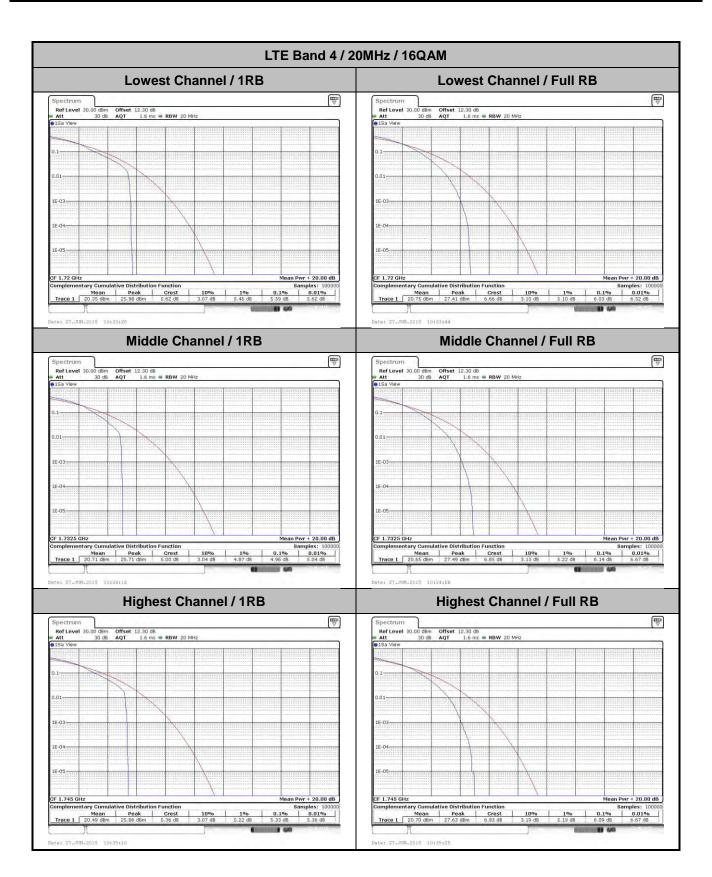
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26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.3	3.05	3.05	5.01	5.03	9.89	9.97	14.66	14.81	20.26	20.14
Middle CH	1.29	1.3	3.06	3.05	5.05	5.07	10.07	9.97	14.63	14.72	20.58	20.42
Highest CH	1.28	1.31	3.06	3.06	5.04	5.04	10.05	9.97	14.78	14.66	20.38	20.46

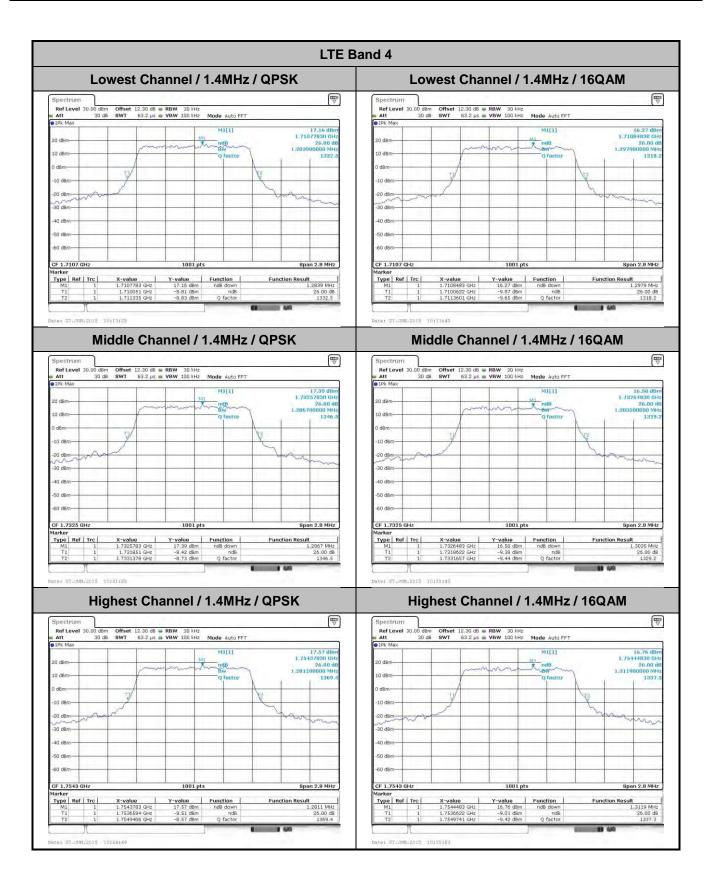
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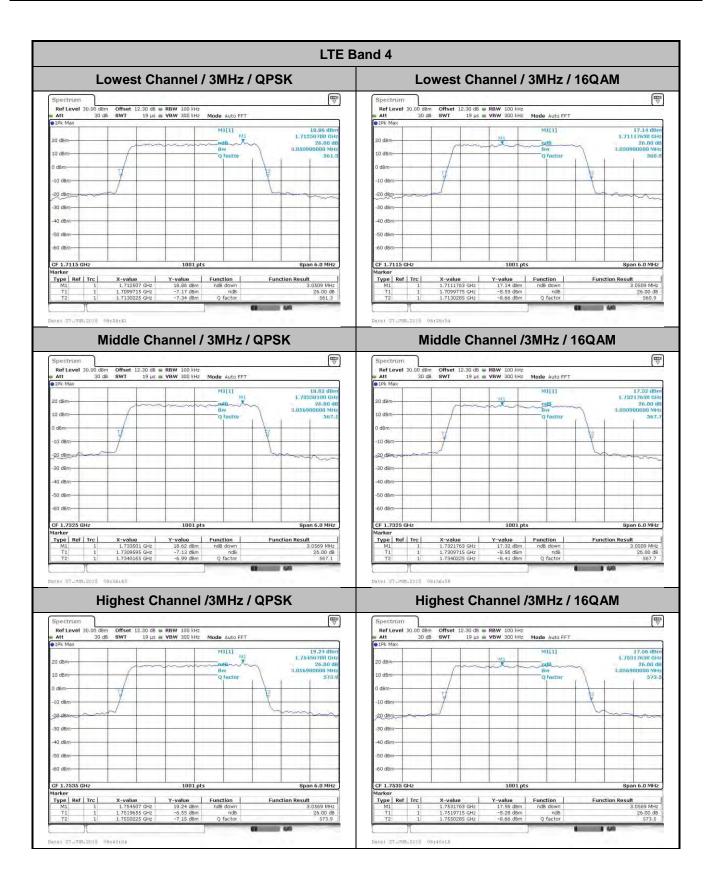
FAX: 886-3-328-4978

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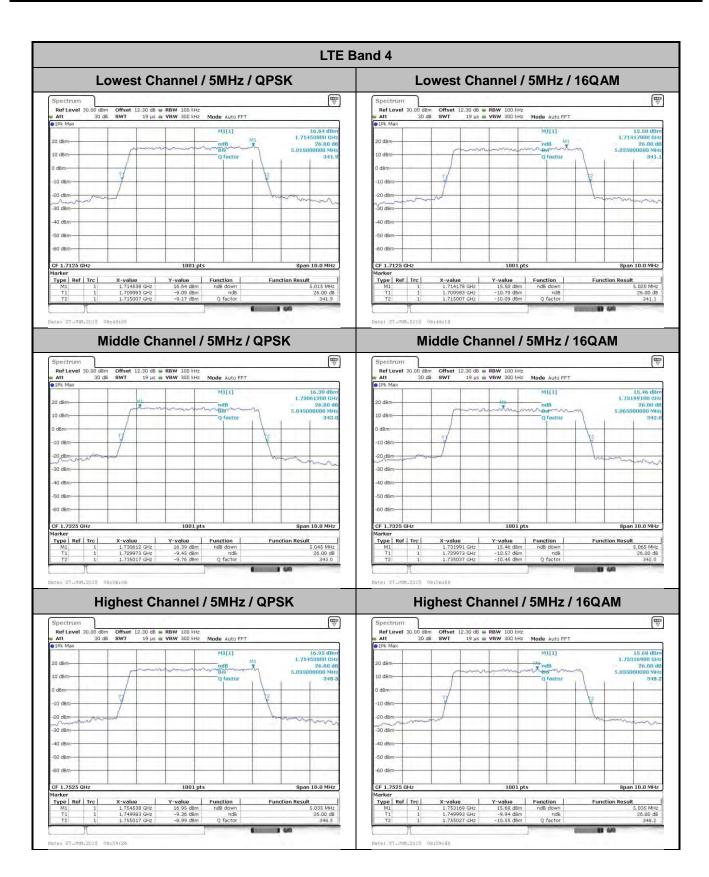
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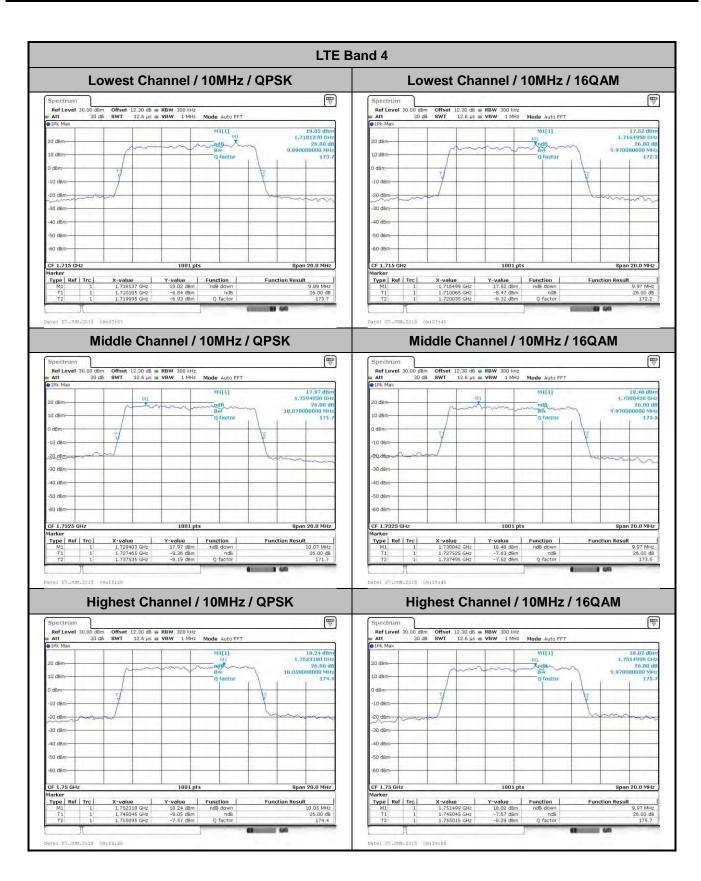
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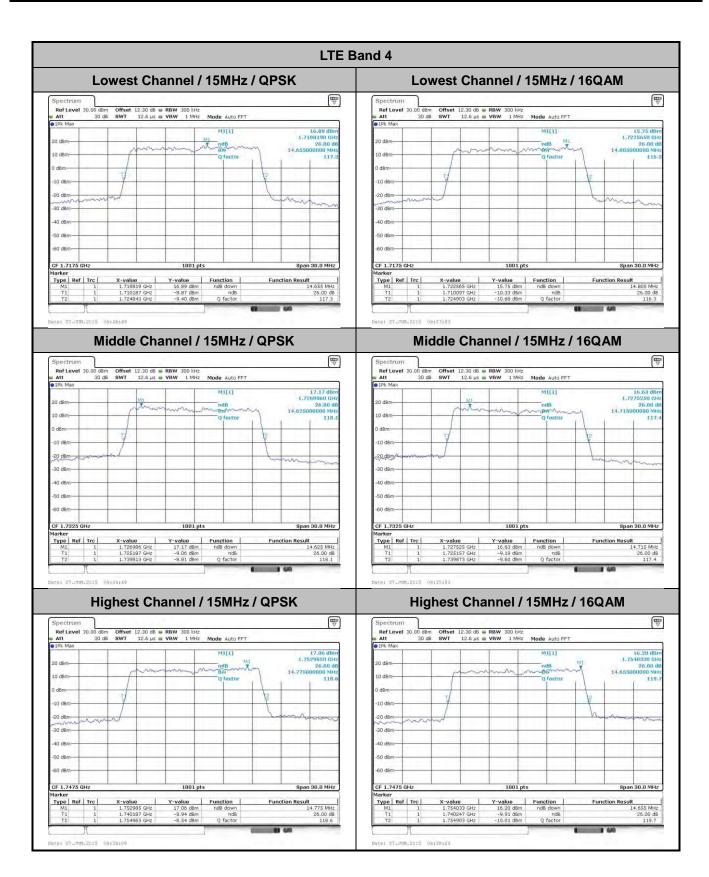
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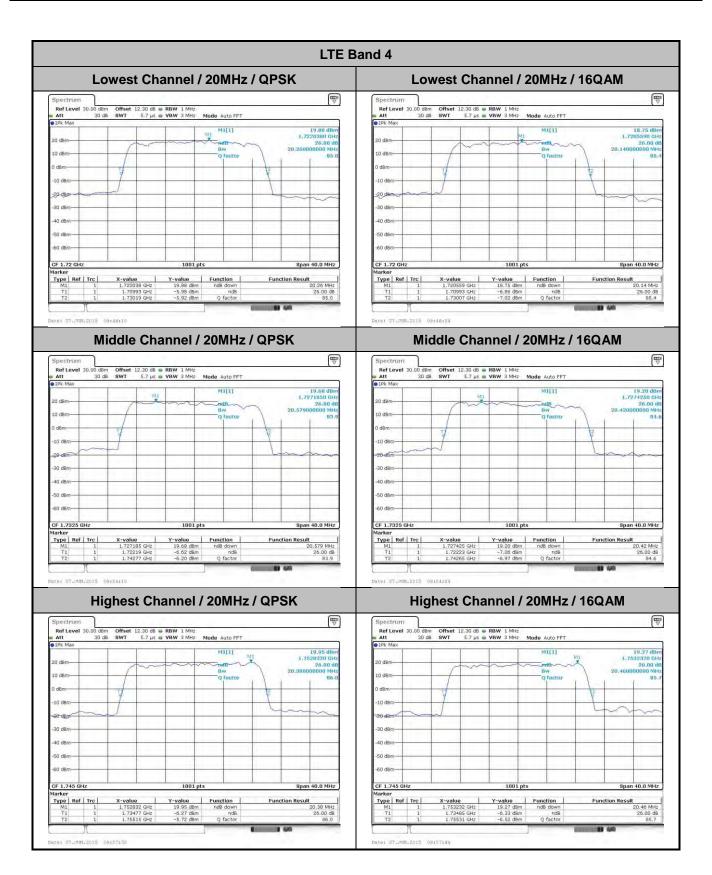
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Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.73	2.73	4.5	4.51	9.03	9.01	13.43	13.46	18.34	18.18
Middle CH	1.1	1.1	2.73	2.73	4.5	4.51	9.03	9.03	13.52	13.49	18.38	18.46
Highest CH	1.1	1.1	2.73	2.73	4.5	4.5	9.09	9.01	13.46	13.49	18.3	18.46

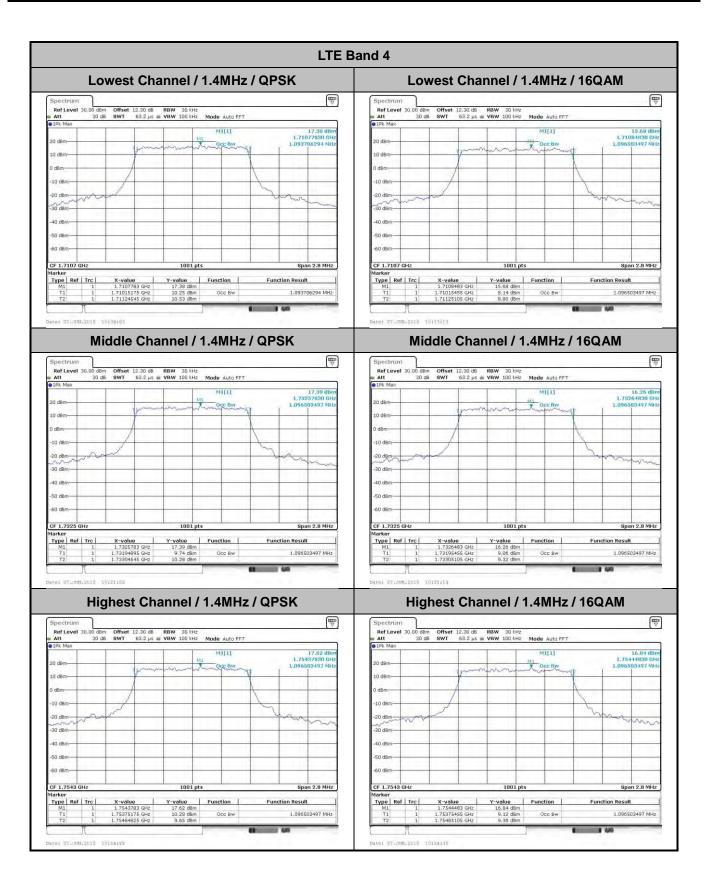
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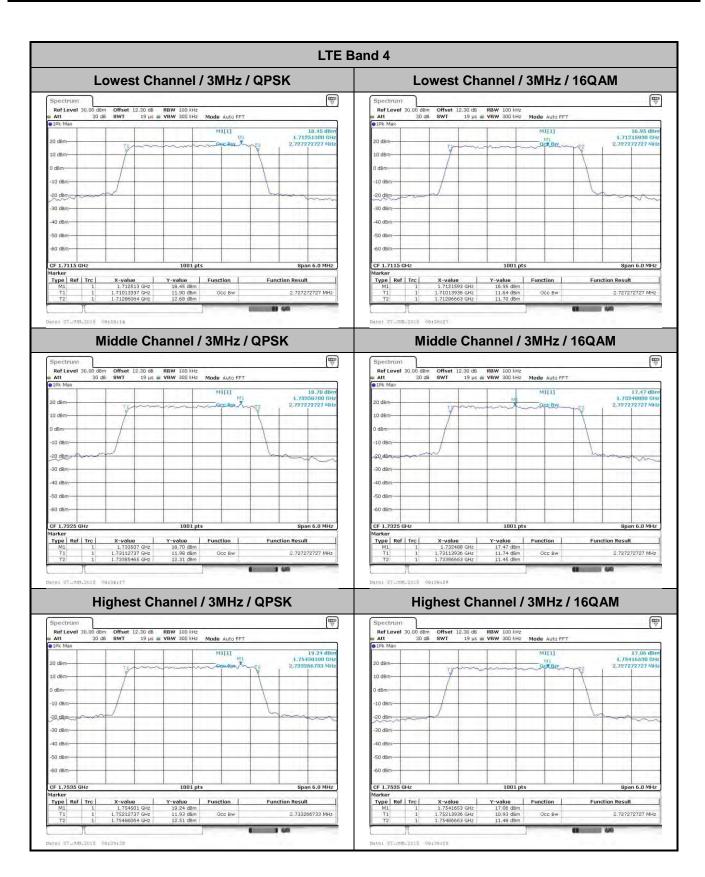
FAX: 886-3-328-4978

Report Template No.: BU5-FGLTE Version 1.3



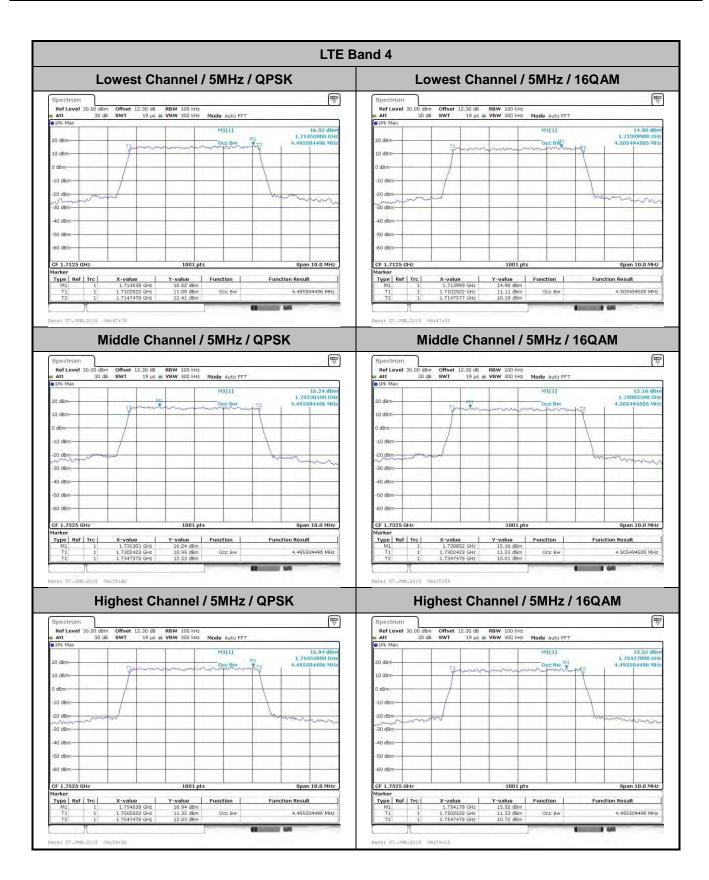
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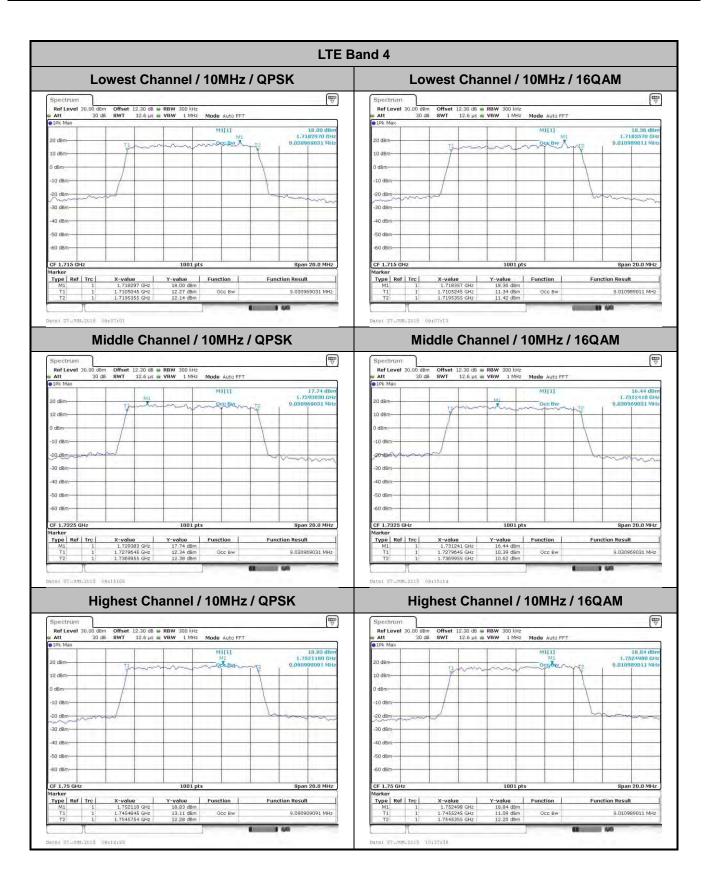
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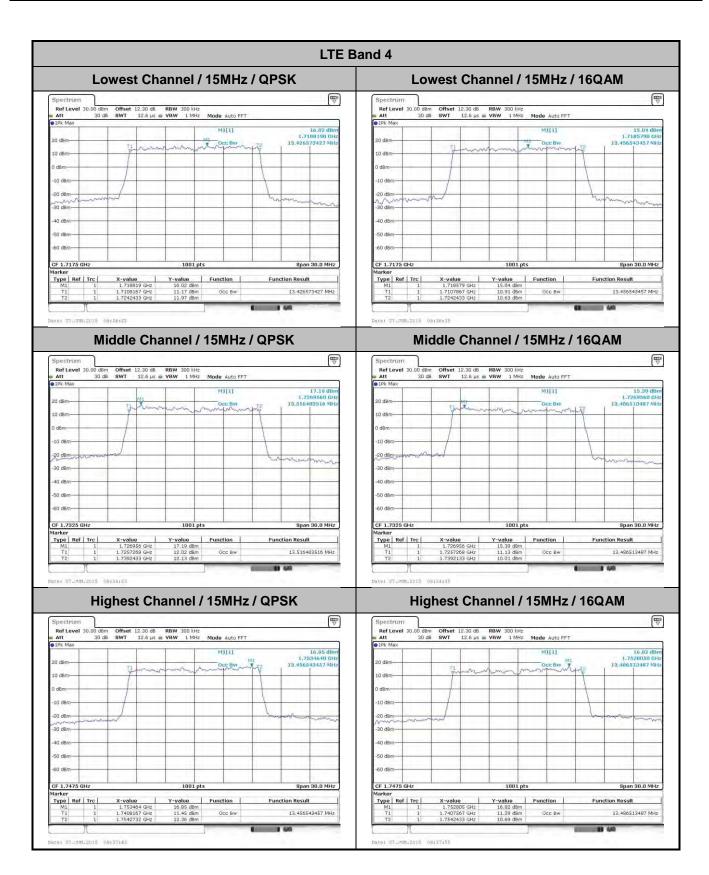
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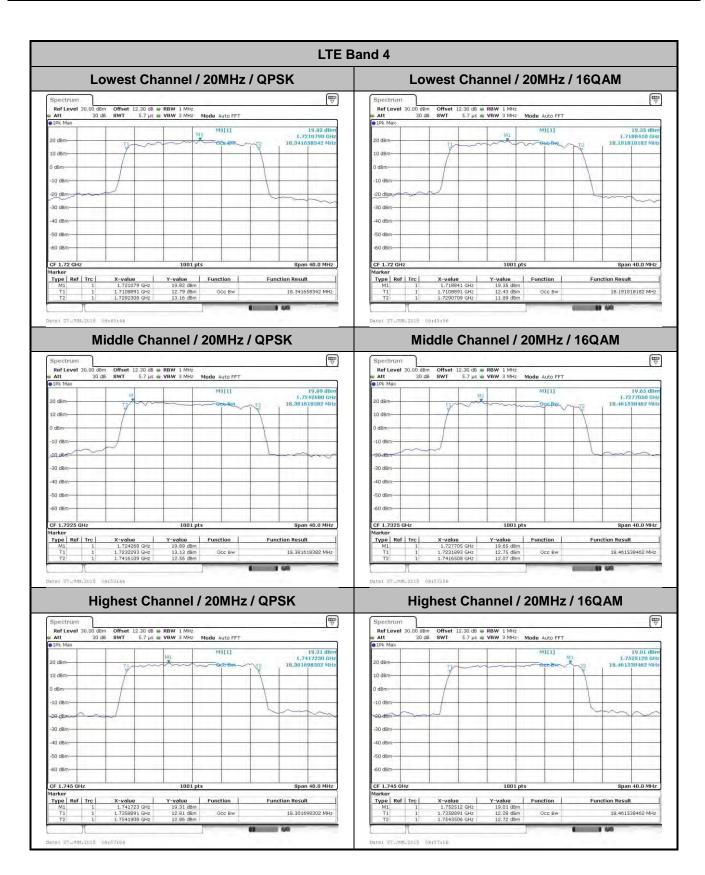
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Conducted Band Edge

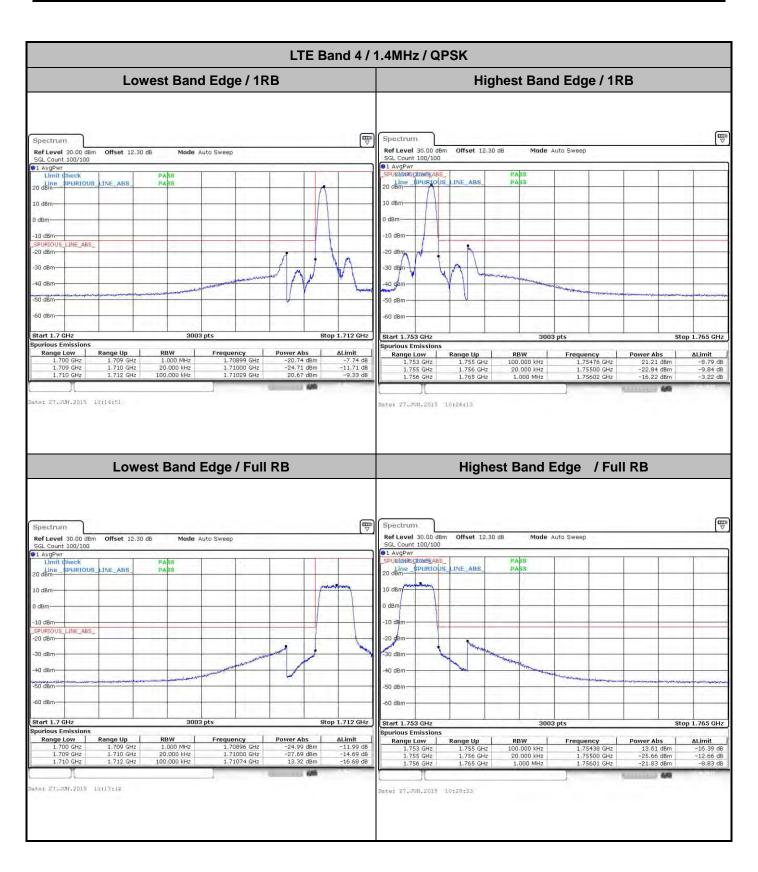
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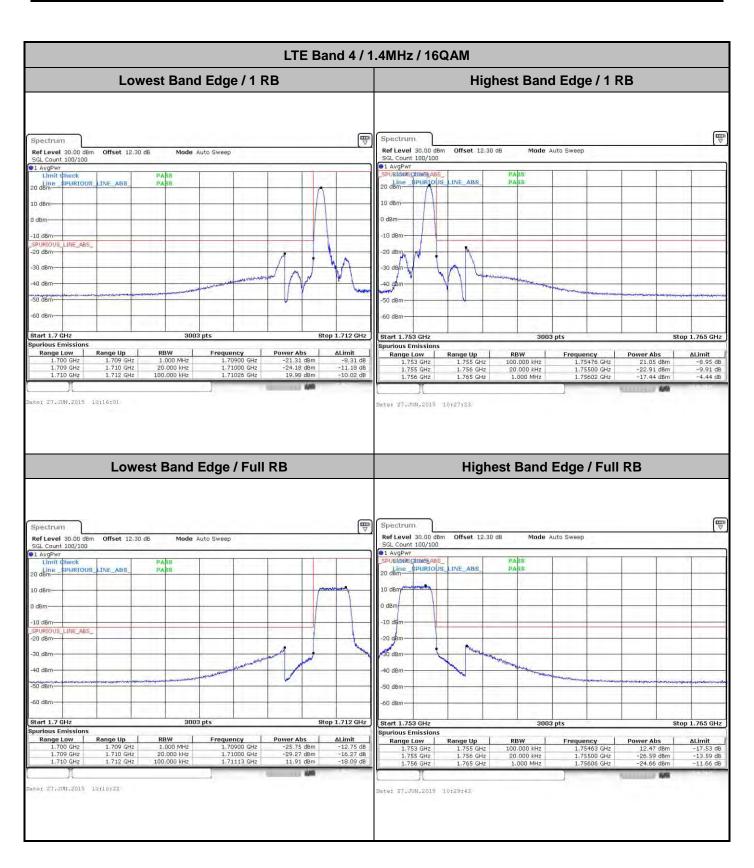
FAX: 886-3-328-4978

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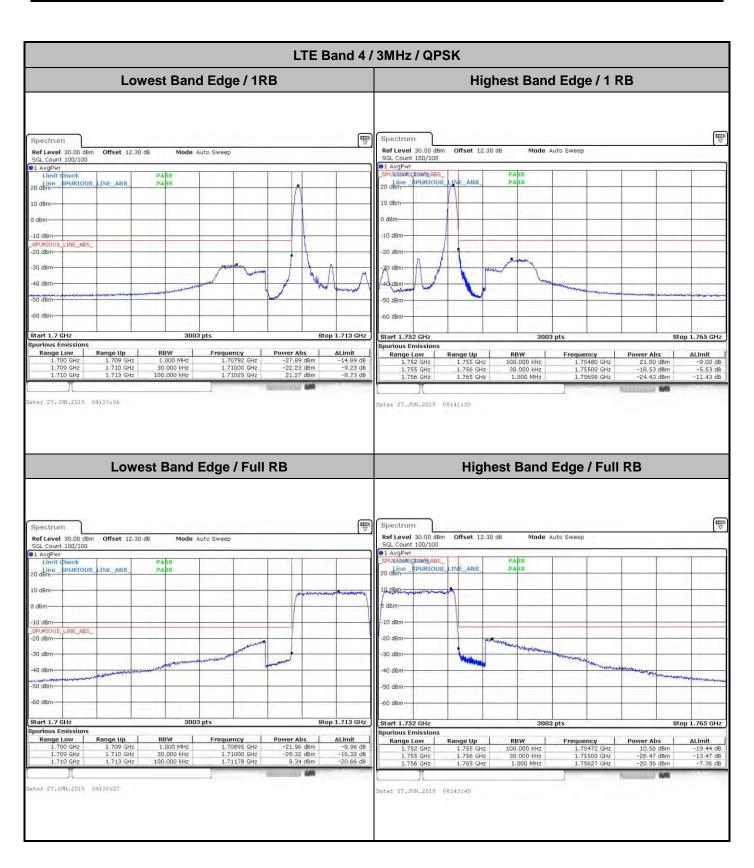
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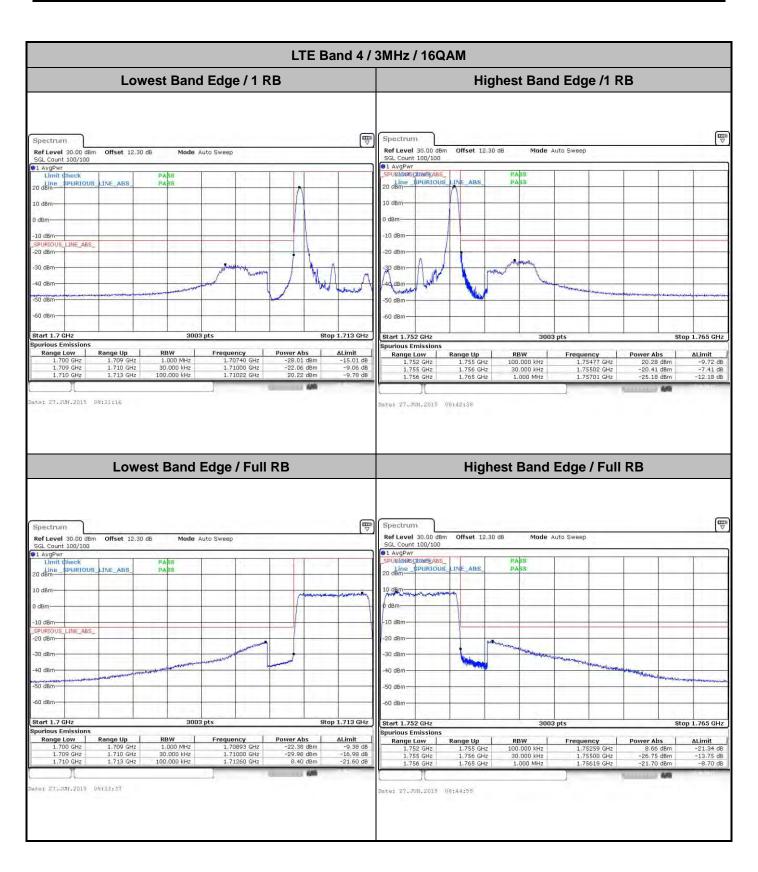
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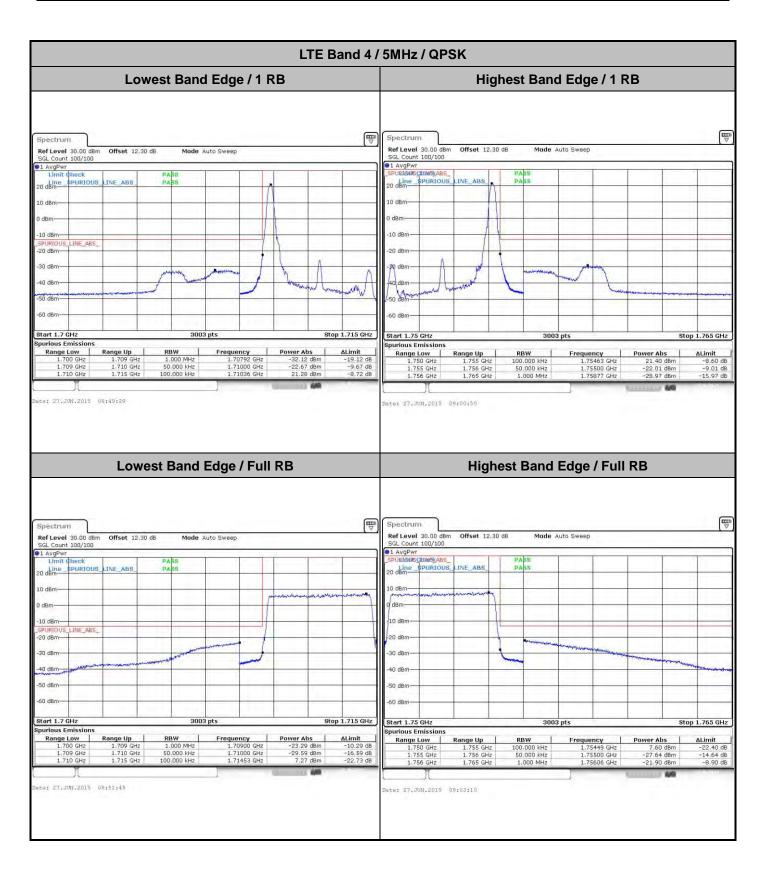
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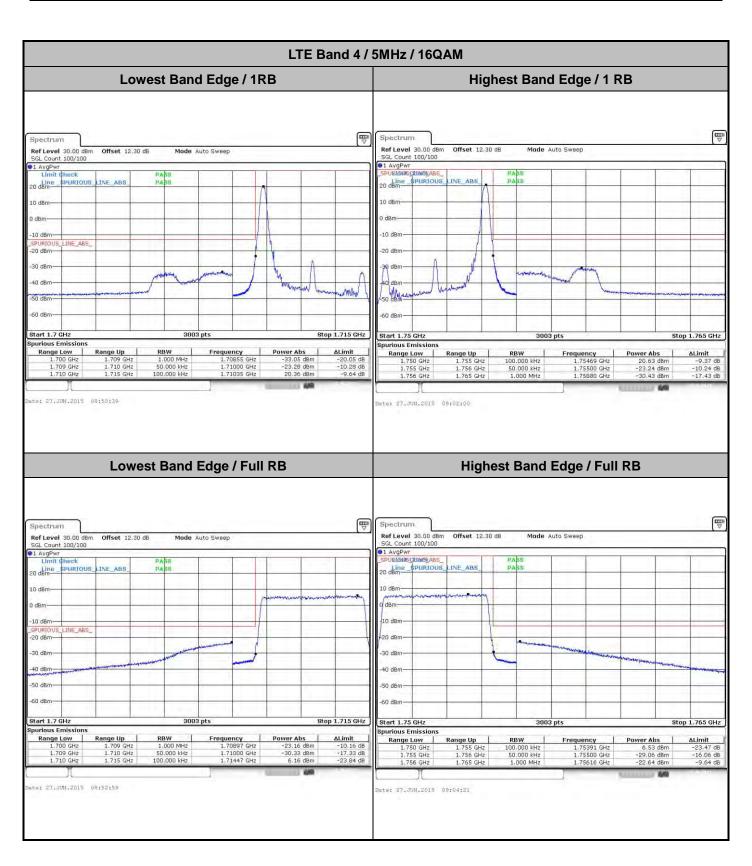




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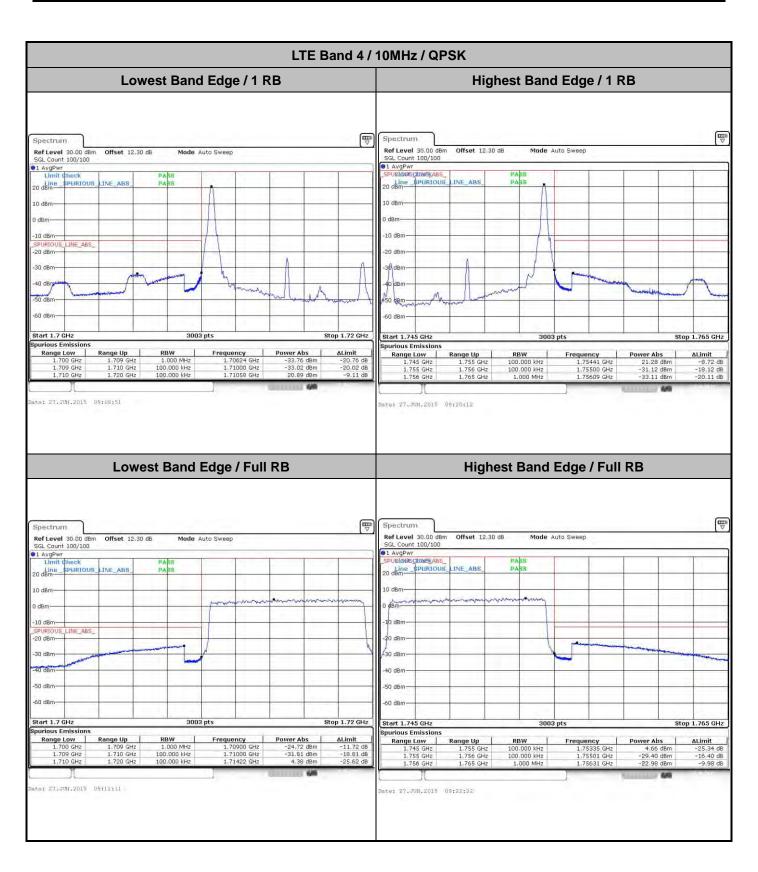
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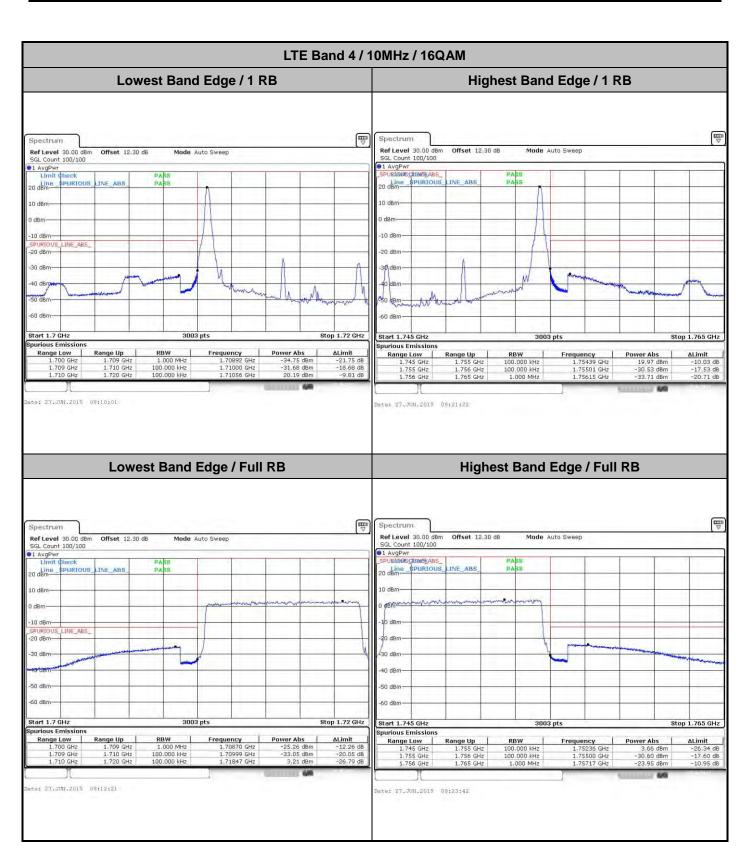
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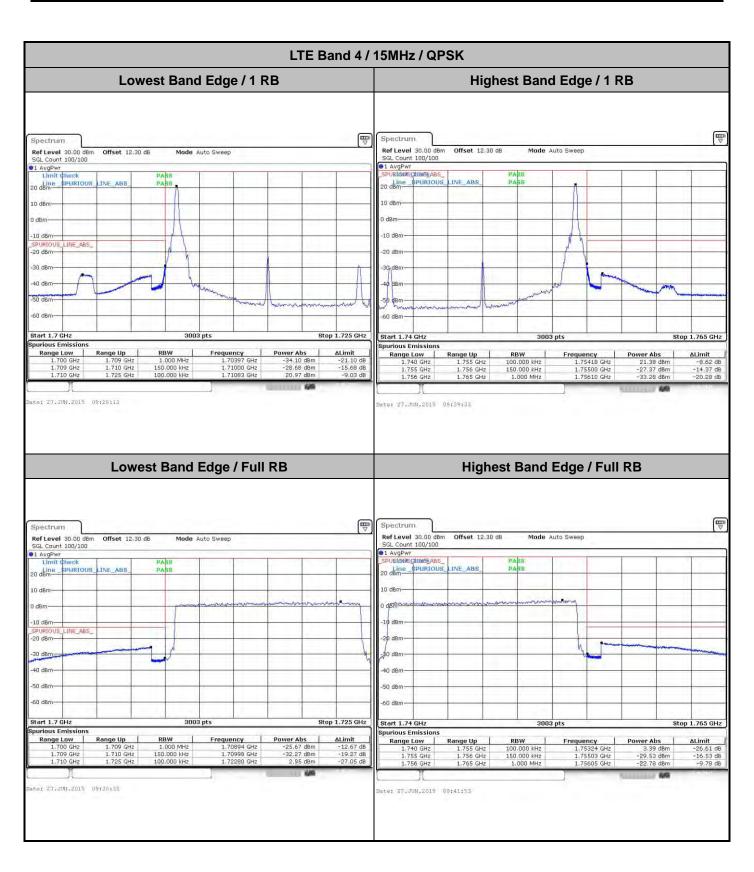
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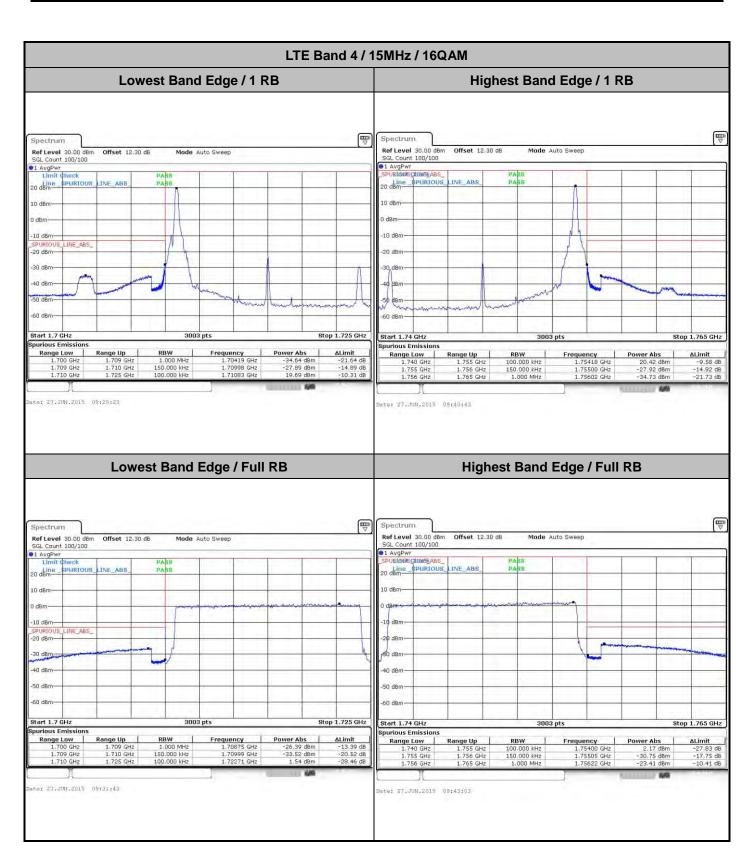
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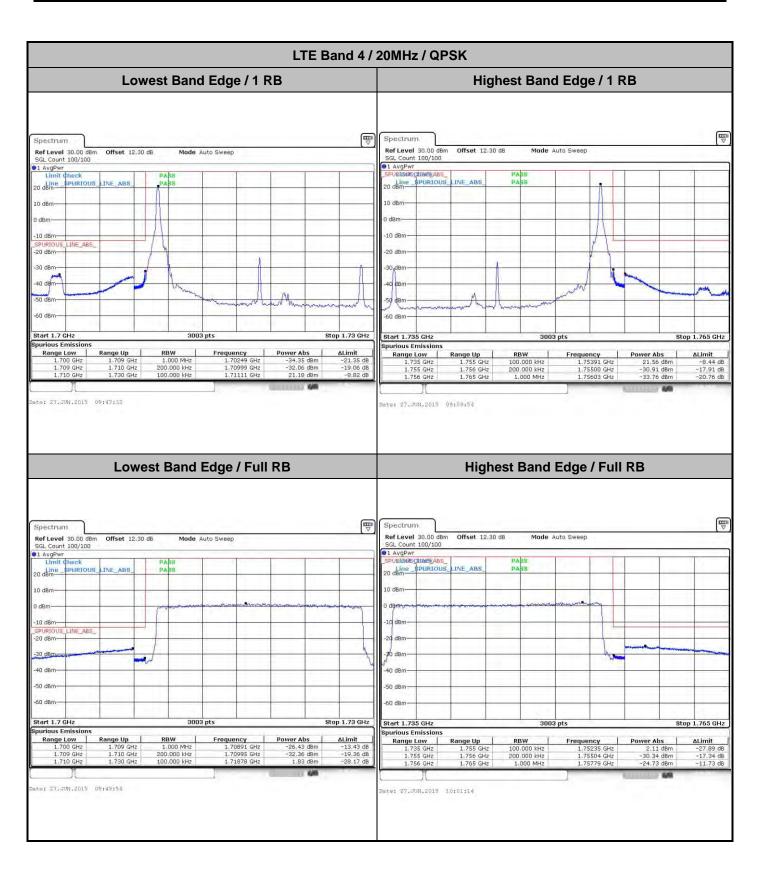
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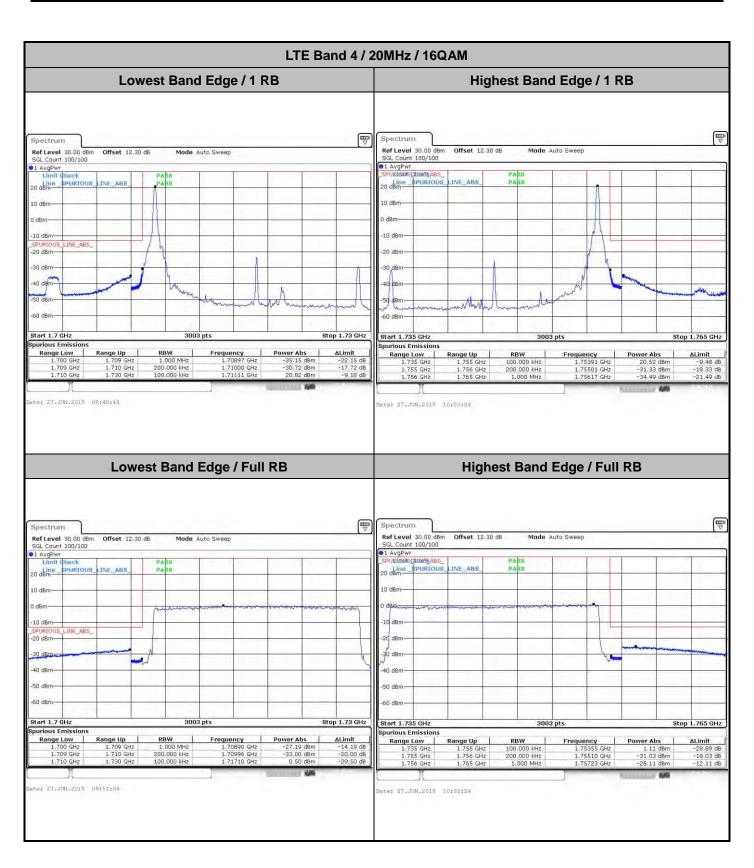
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Conducted Spurious Emission

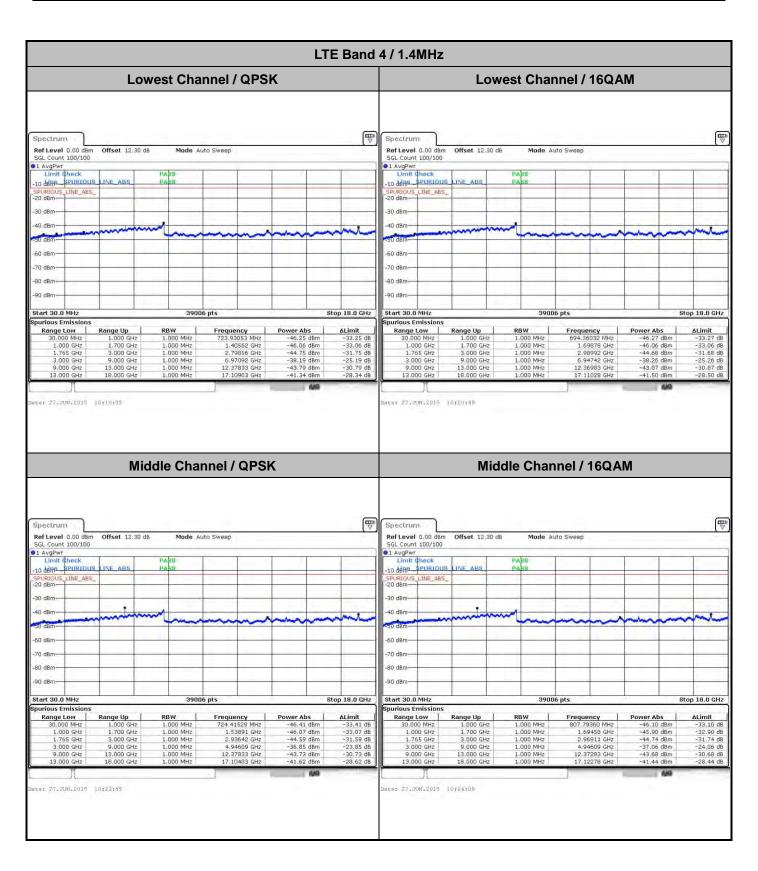
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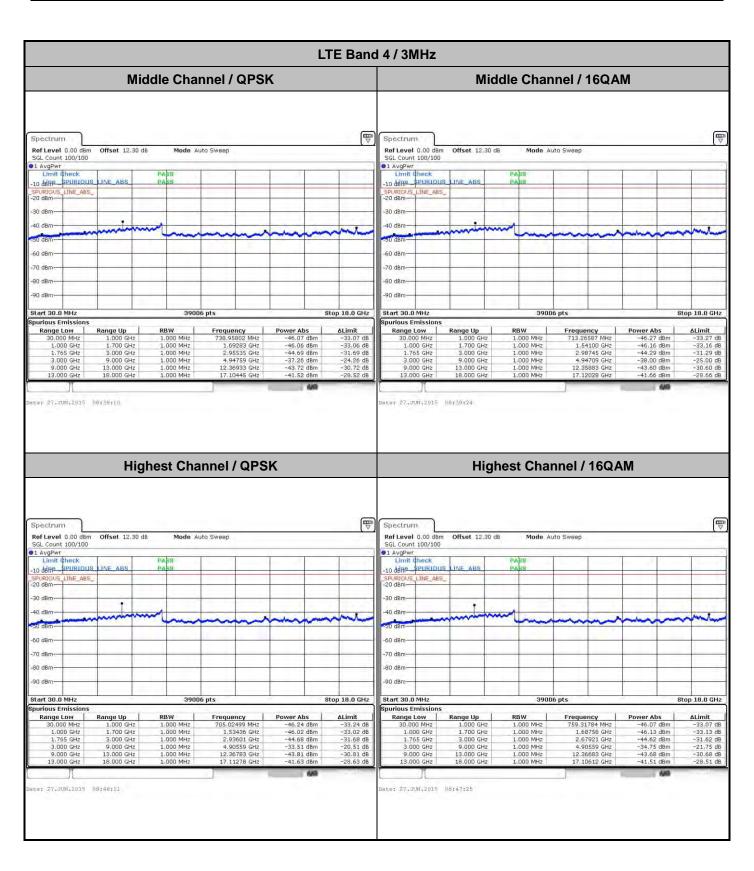
TEL: 886-3-327-3456 FAX: 886-3-328-4978 Page Number : A4-32 of 41

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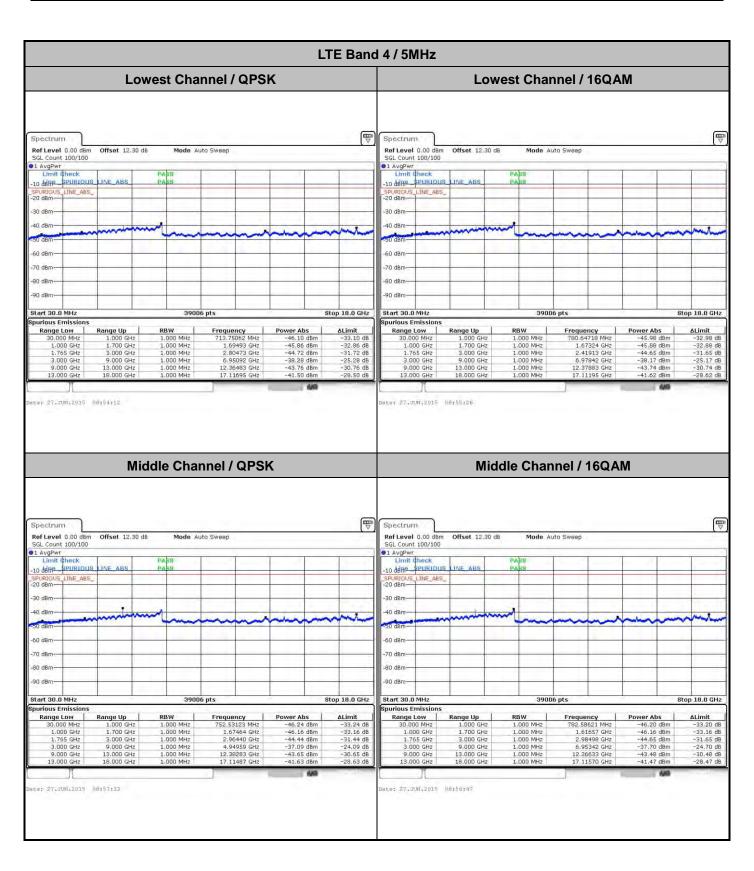
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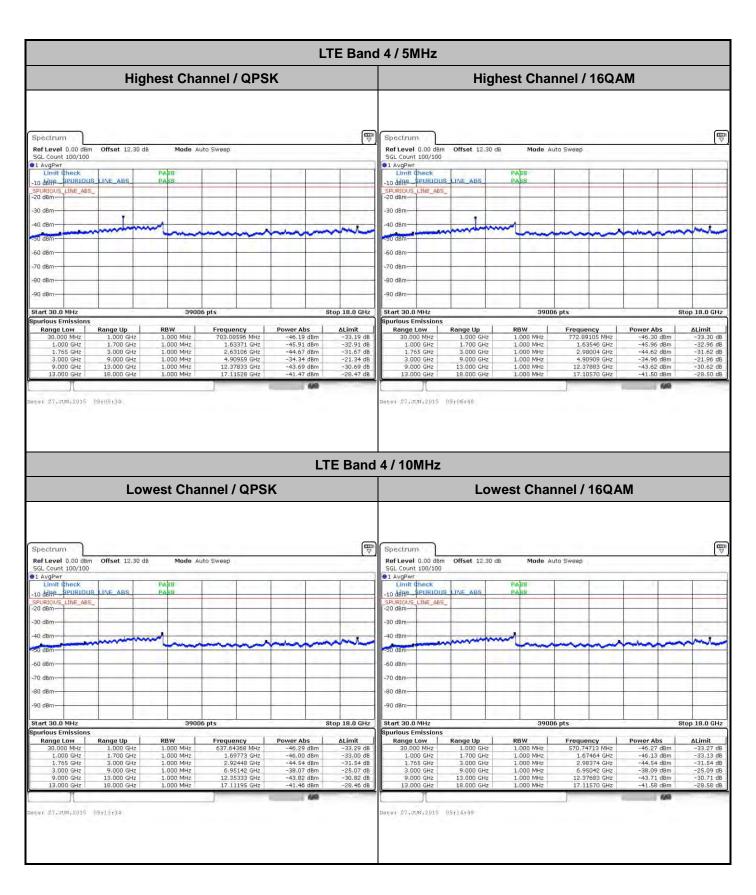
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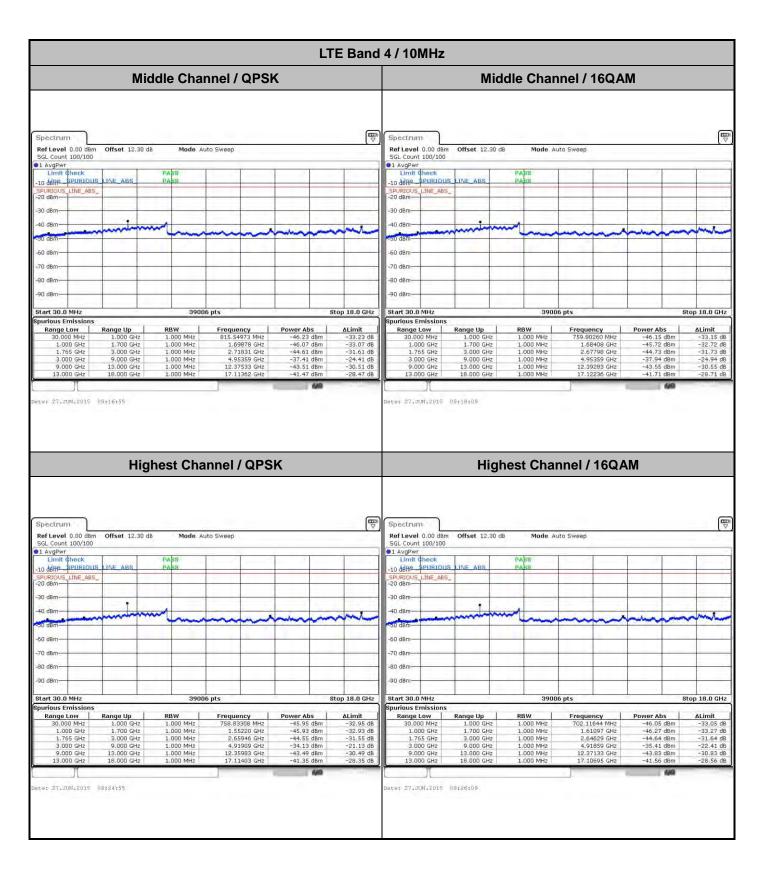
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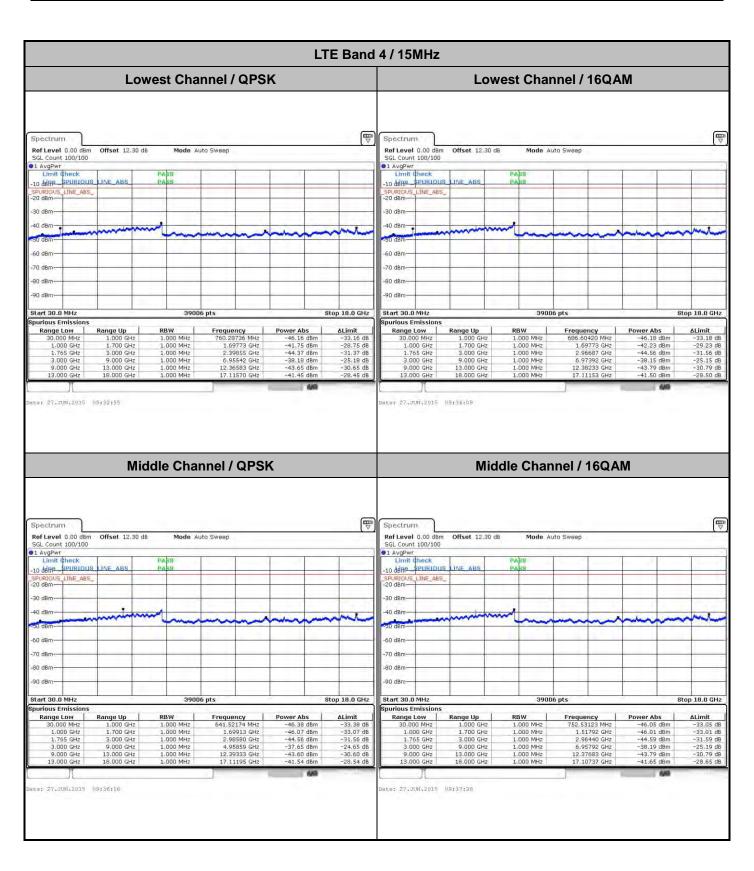
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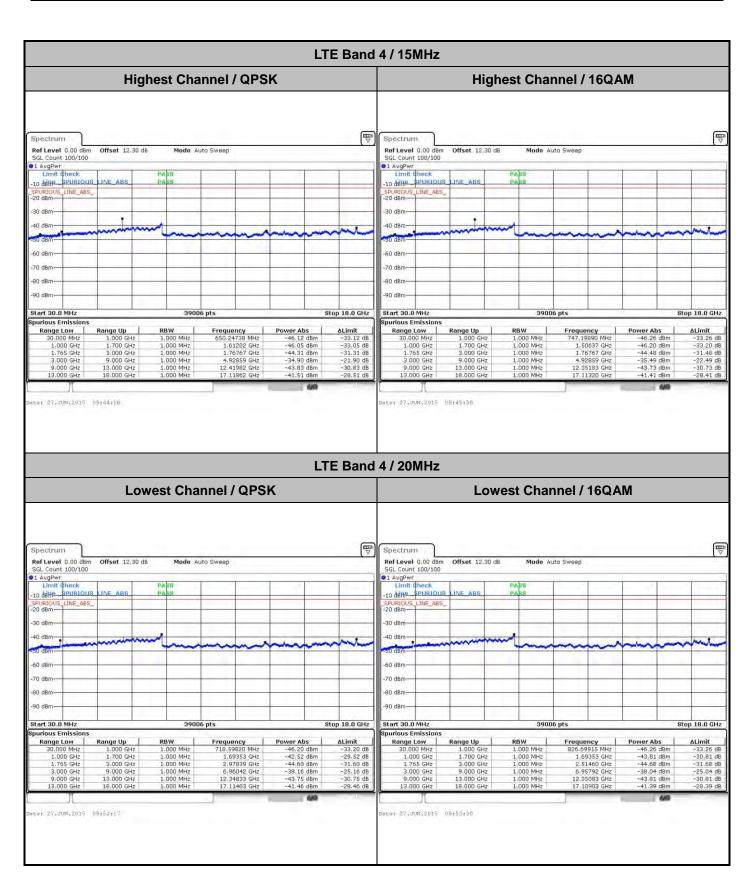
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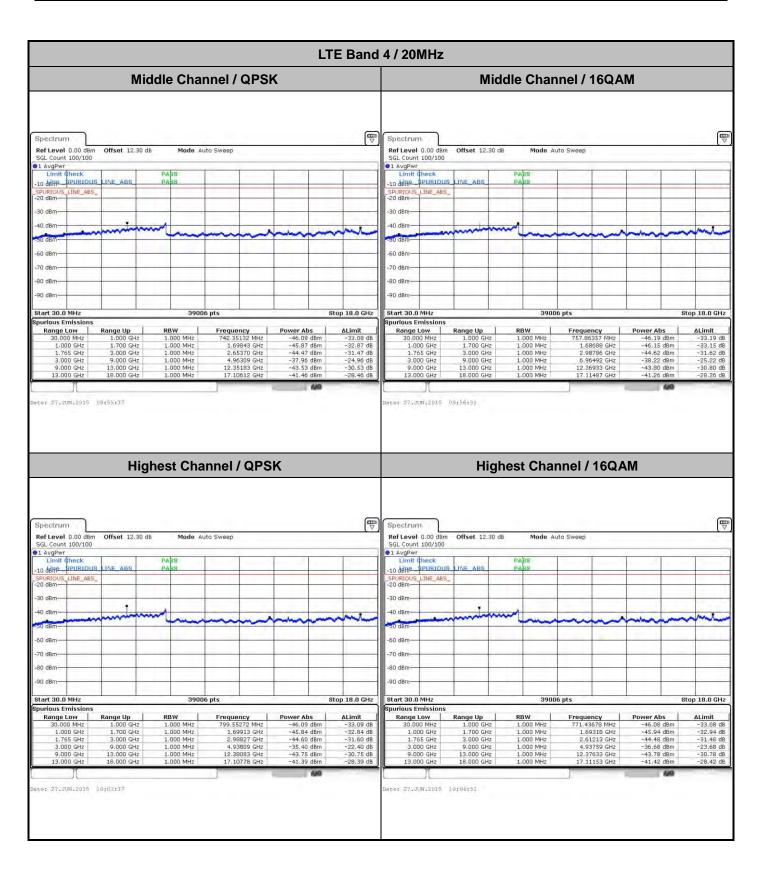
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Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel				
		BW 10MHz	Note 2.			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result			
50	Normal Voltage	0.0047				
40	Normal Voltage	0.0006				
30	Normal Voltage	0.0046				
20(Ref.)	Normal Voltage	0.0000				
10	Normal Voltage	0.0003				
0	Normal Voltage	0.0048				
-10	Normal Voltage	0.0007	PASS			
-20	Normal Voltage	0.0061				
-30	Normal Voltage	0.0002				
20	Maximum Voltage	0.0066				
20	Normal Voltage	0.0000				
20	Battery End Point	0.0009				

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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.

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