### Frequency Stability

Test (	Conditions	LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature	Voltage	BW 10MHz	Note 2.
(°C)	(Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0032	
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	PASS
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0004	
20	Normal Voltage		
20	Battery End Point	0.0013	

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#### Note:

- 1. Normal Voltage =9 V.; Battery End Point (BEP) =7.65 V.; Maximum Voltage =10.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.

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# LTE Band 5

# Peak-to-Average Ratio

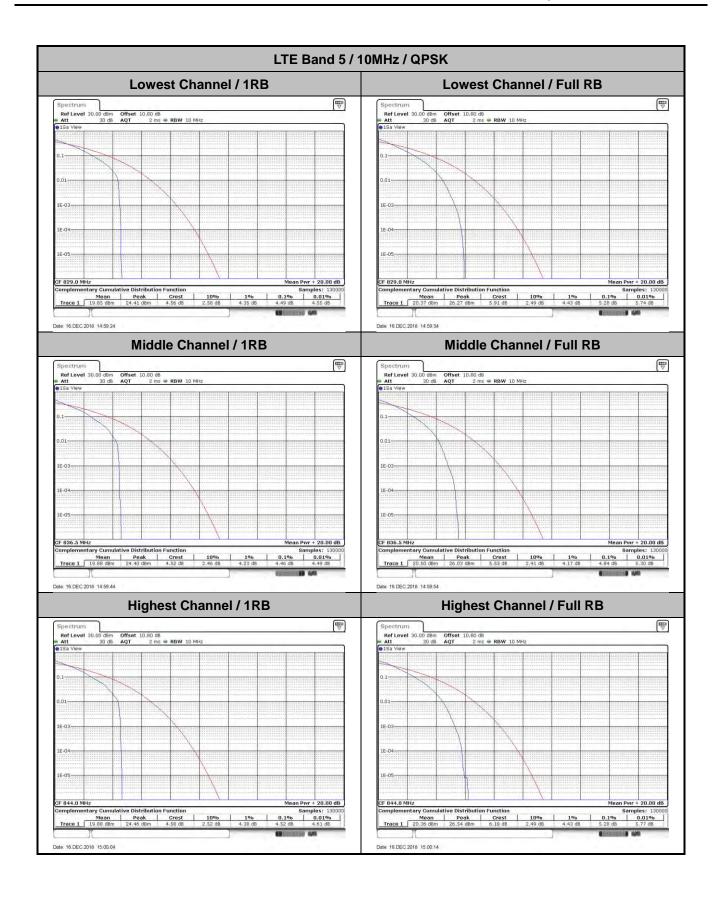
Mode					
Mod.	QP	SK	160	Limit: 13dB	
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	5.28	5.28	5.88	
Middle CH	4.46	4.84	5.48	5.83	PASS
Highest CH	4.52	5.28	5.28	6.06	
Mode					
Mod.	64Q	AM			Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.14	6.52	-	-	
Middle CH	5.65	6.38	-	-	PASS
Highest CH	6.26	6.55	-	-	

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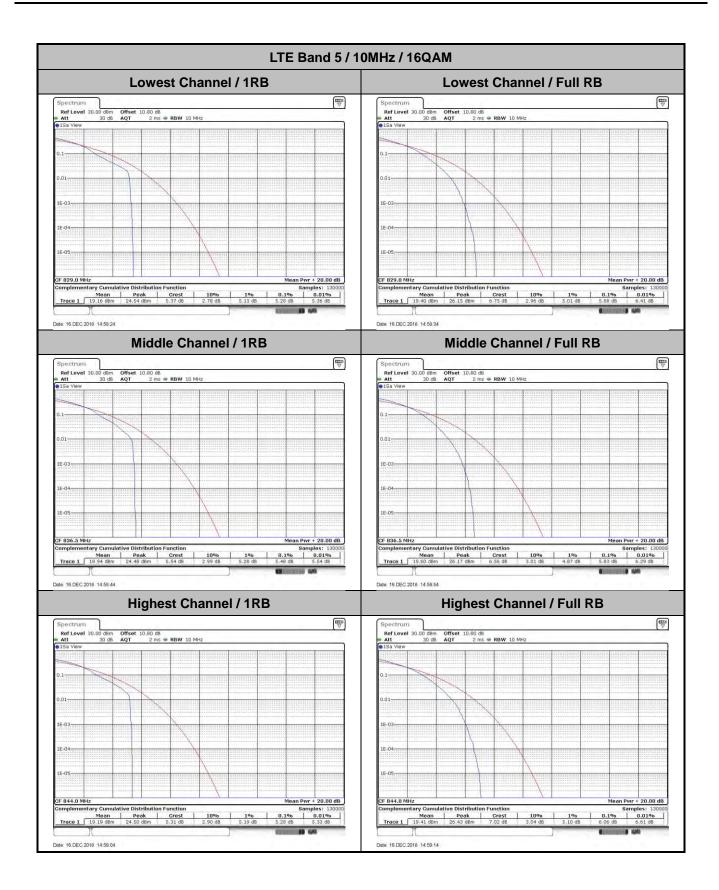
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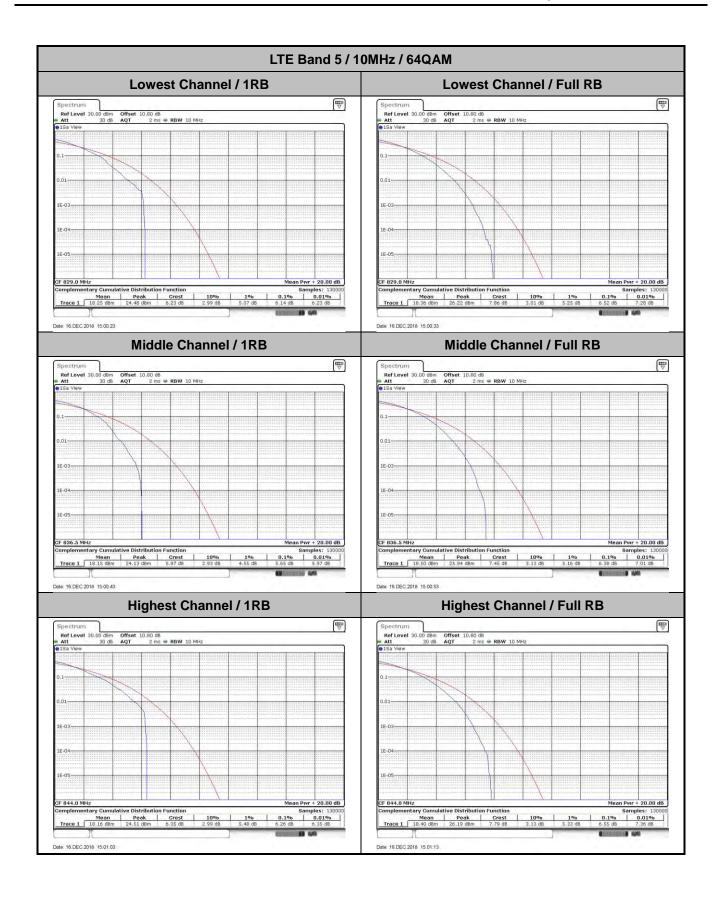
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26dB Bandwidth

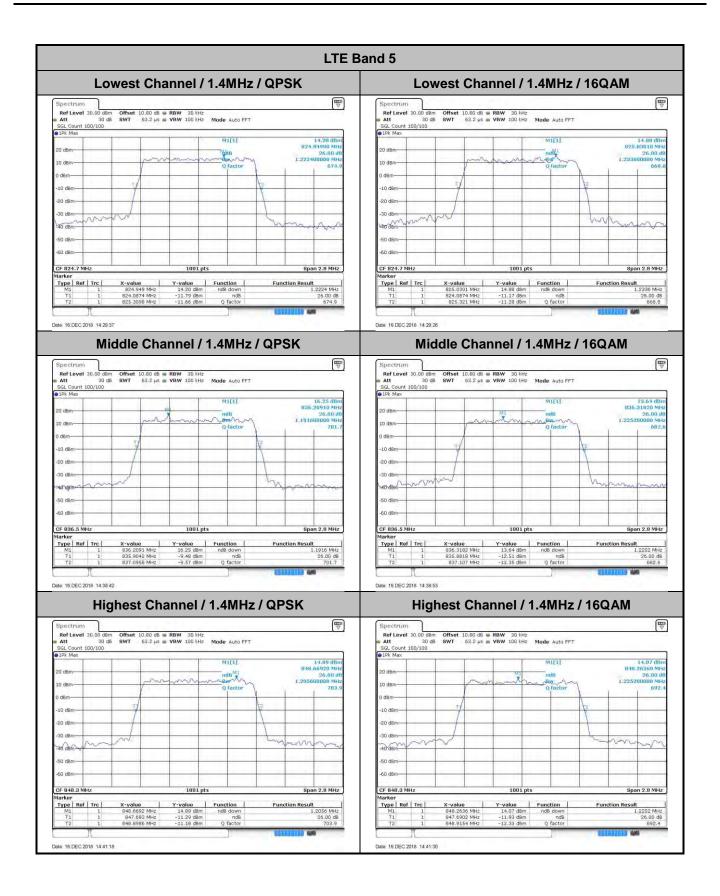
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.22	1.23	3.05	3.02	4.88	4.88	9.83	9.65	-	-	-	-
Middle CH	1.19	1.23	3.01	3.02	4.95	4.94	9.79	9.71	-	-	-	-
Highest CH	1.21	1.23	3.02	3.03	4.85	4.87	9.73	9.95	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.21	-	2.99	-	4.96	-	10.03	-	-	-	-	-
Middle CH	1.22	-	3.02	-	4.86	-	9.73	-	-	-	-	-
Highest CH	1.24	-	3.05	-	4.90	-	9.85	-	-	-	-	-

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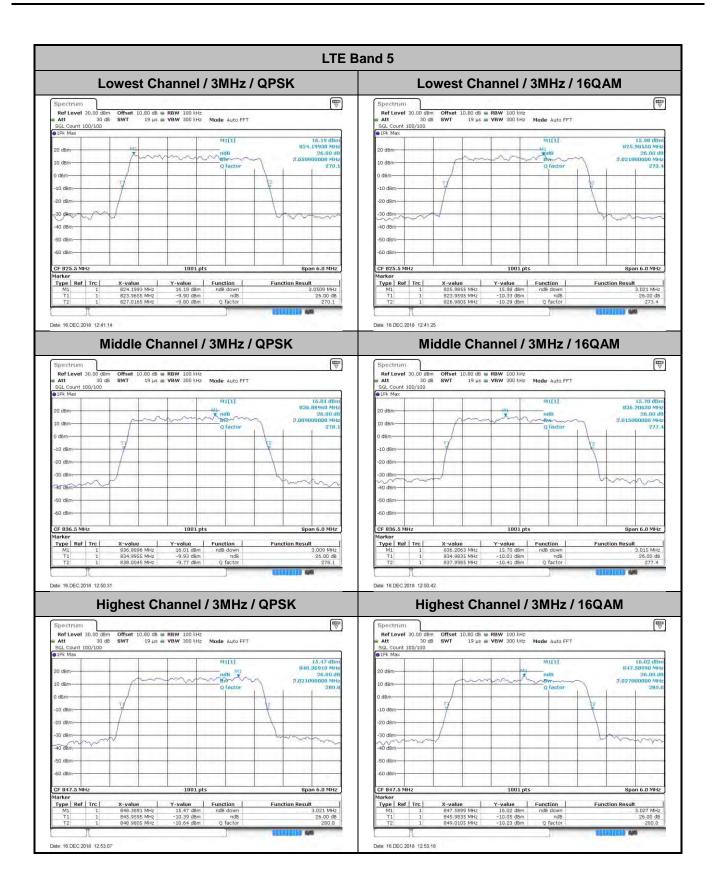
IO TEST REPORT Report No. :FG801751B



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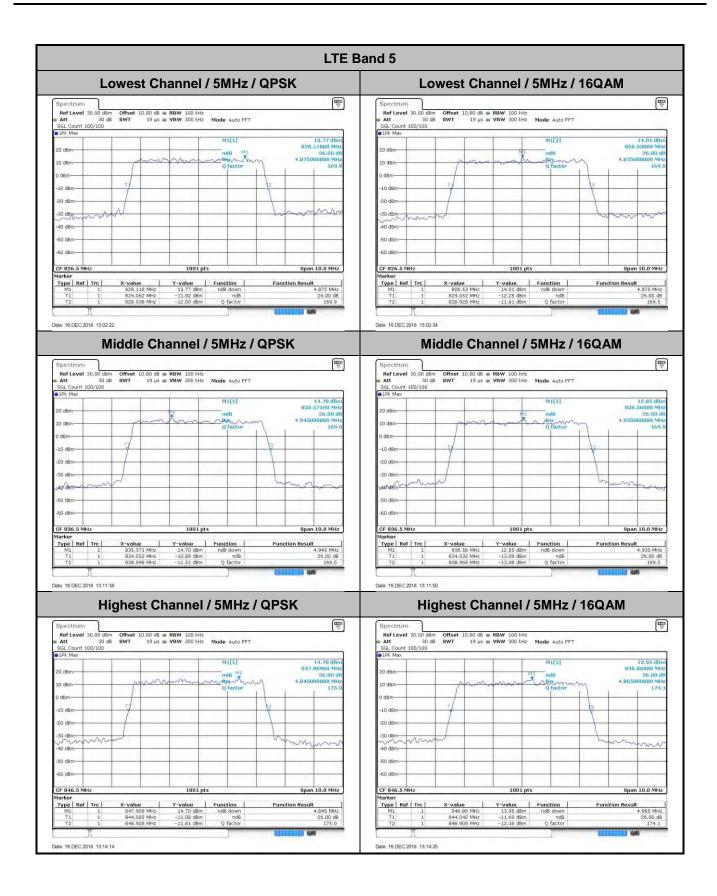
C RADIO TEST REPORT Report No. :FG801751B



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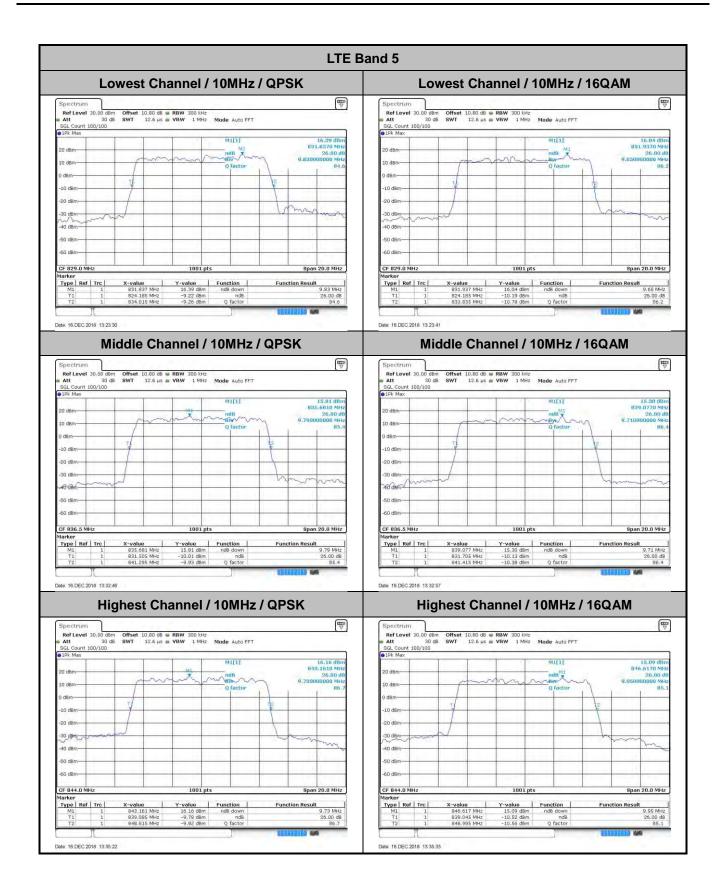
C RADIO TEST REPORT Report No. :FG801751B



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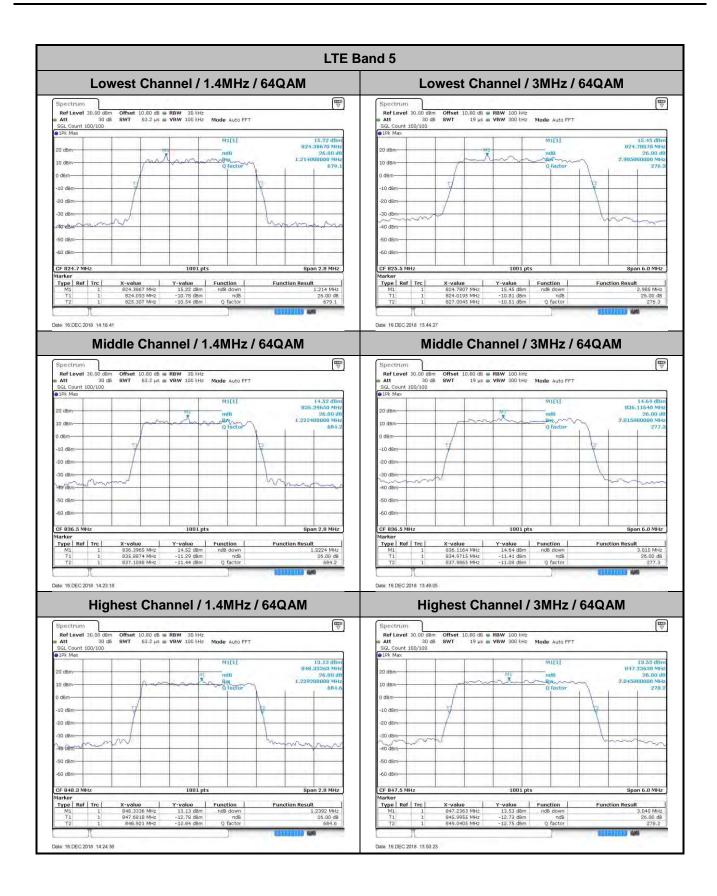
RADIO TEST REPORT Report No. :FG801751B



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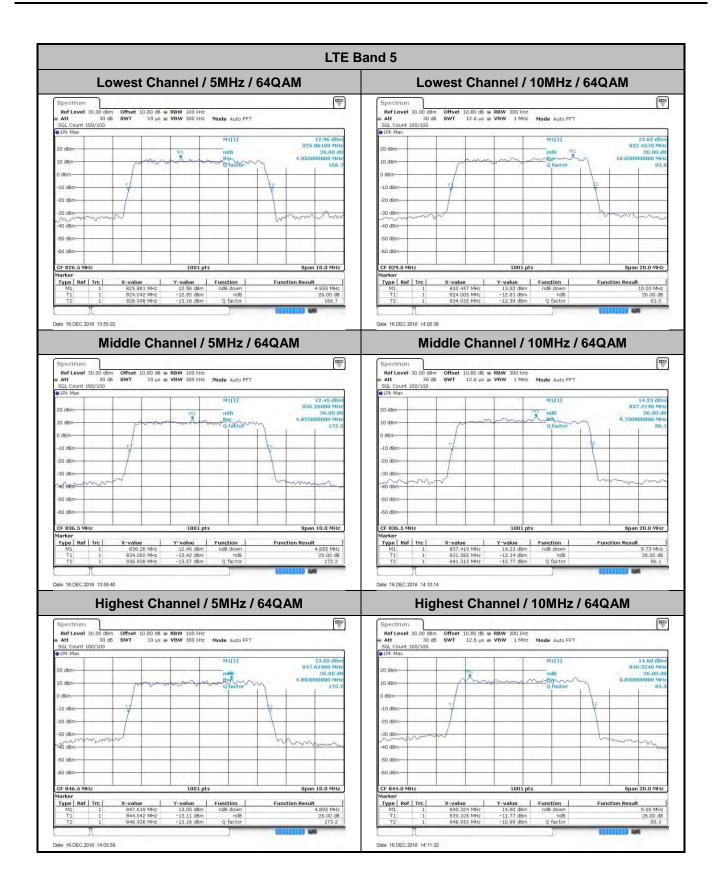
C RADIO TEST REPORT Report No. :FG801751B



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CC RADIO TEST REPORT Report No. :FG801751B



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Occupied Bandwidth

Mode	LTE Band 5 : 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	1.09	2.72	2.72	4.51	4.48	9.03	9.09	-	-	-	-
Middle CH	1.09	1.09	2.71	2.71	4.49	4.48	8.97	8.99	-	-	-	-
Highest CH	1.08	1.09	2.75	2.71	4.49	4.49	9.05	9.01	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.51	-	9.03	-	-	-	-	-
Middle CH	1.09	-	2.73	-	4.47	-	8.97	-	-	-	-	-
Highest CH	1.09	-	2.73	-	4.48	-	9.05	-	-	-	1	-

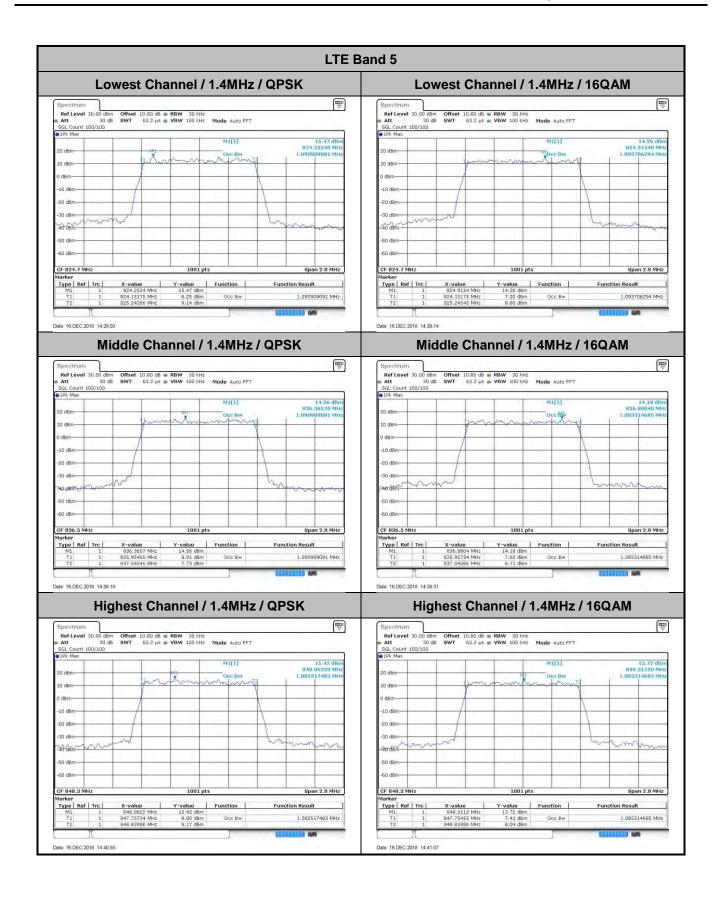
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FAX: 886-3-328-4978

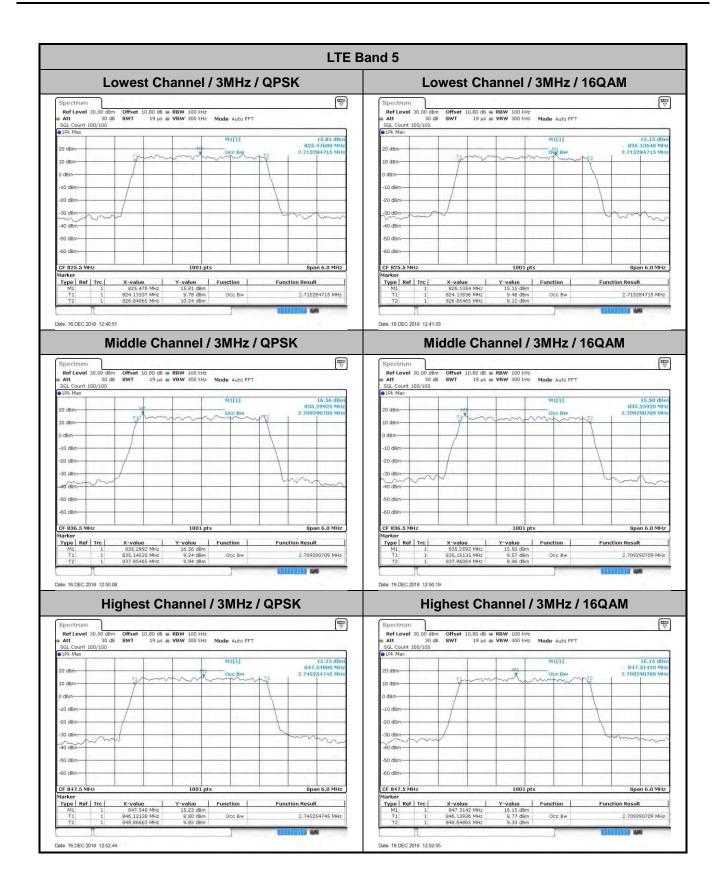
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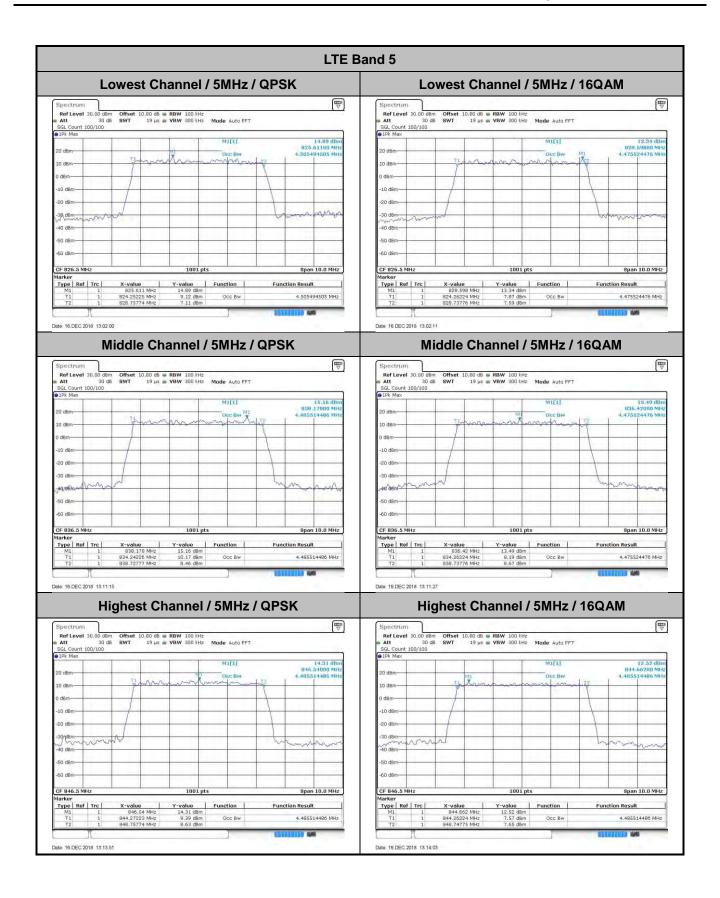


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FAX: 886-3-328-4978

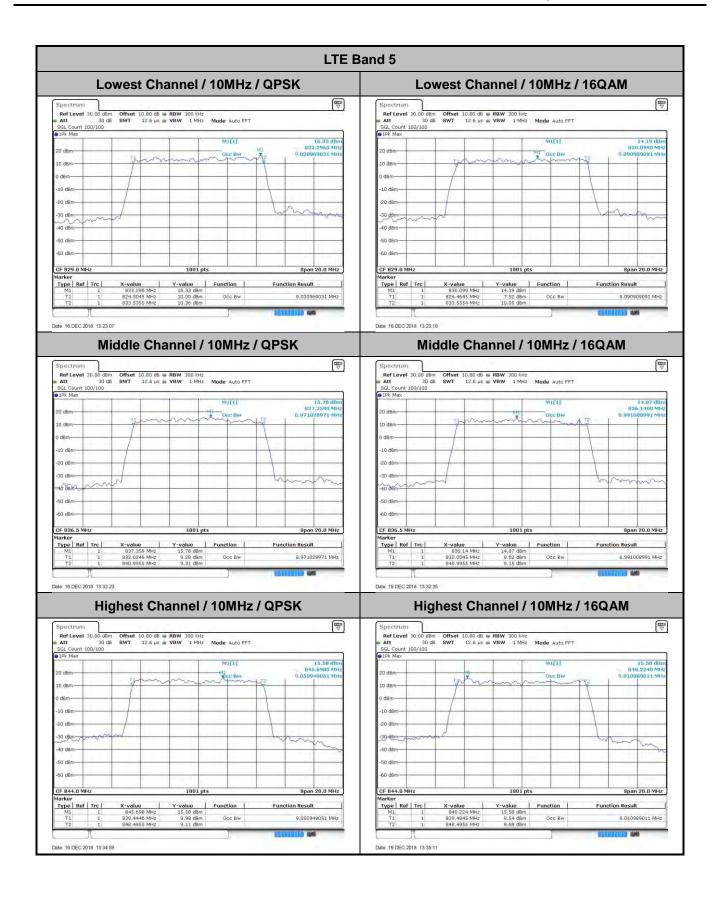
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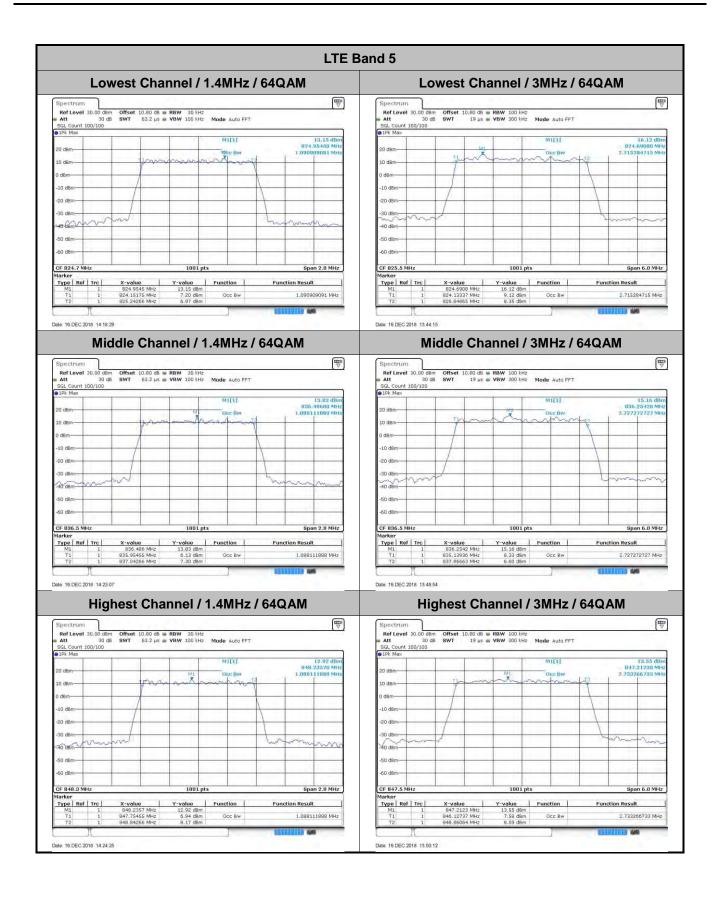
Report No. :FG801751B



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DIO TEST REPORT Report No. :FG801751B

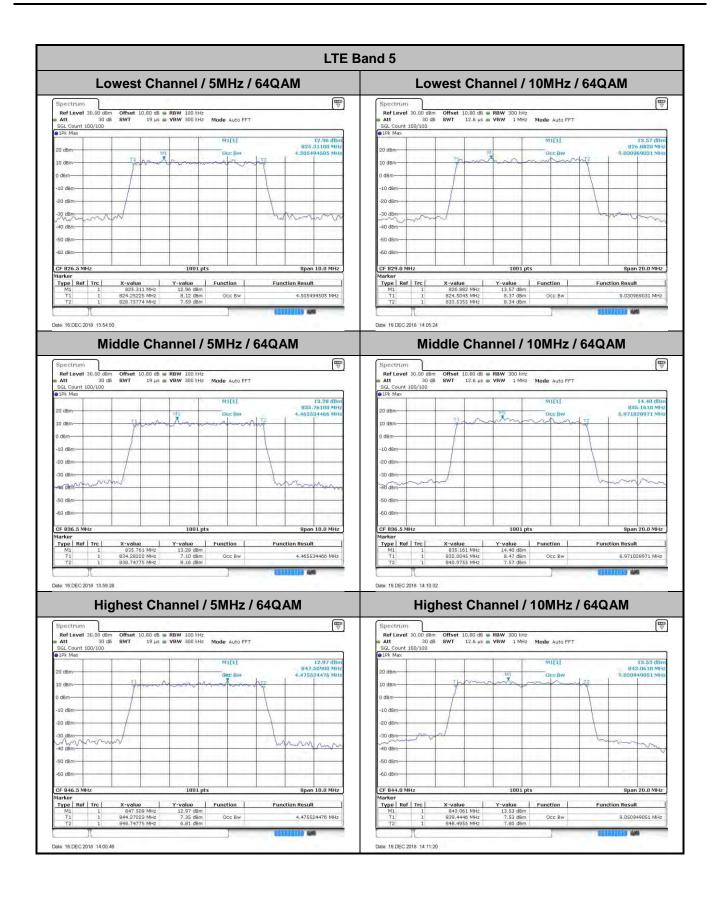


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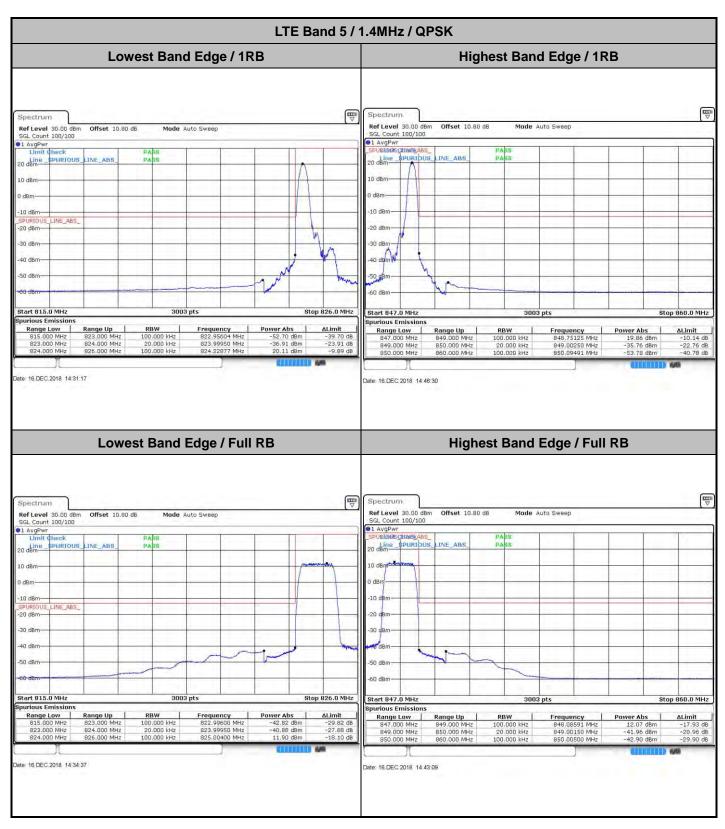
FAX: 886-3-328-4978

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## **Conducted Band Edge**



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