

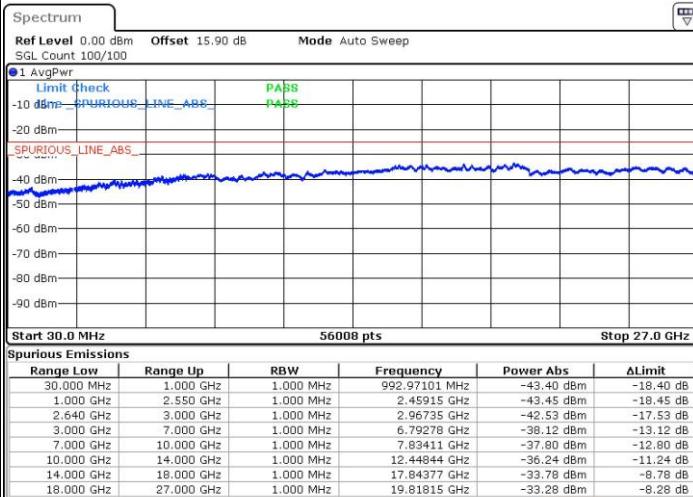
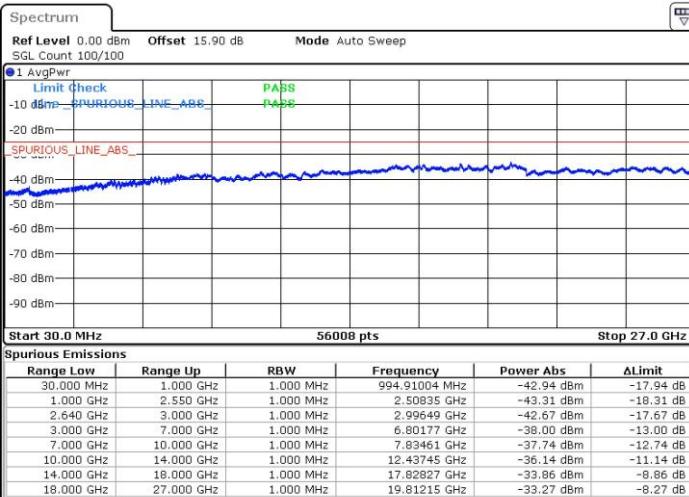


Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

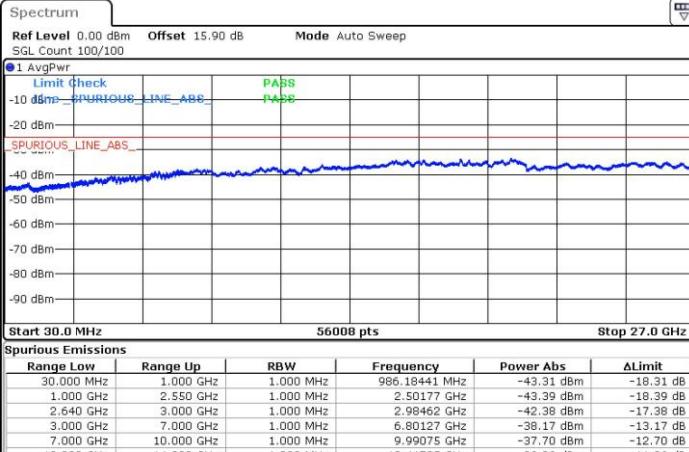


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Date: 11.OCT.2018 01:52:31

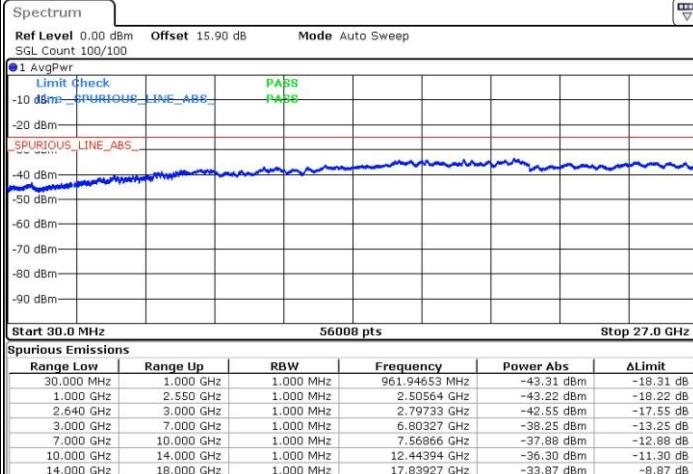
Middle Channel / QPSK

Middle Channel / 16QAM



Date: 11.OCT.2018 01:53:21

Date: 11.OCT.2018 01:54:12

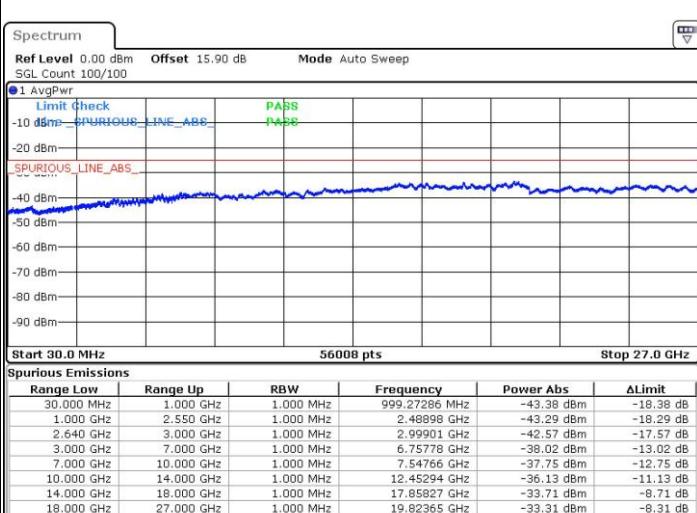
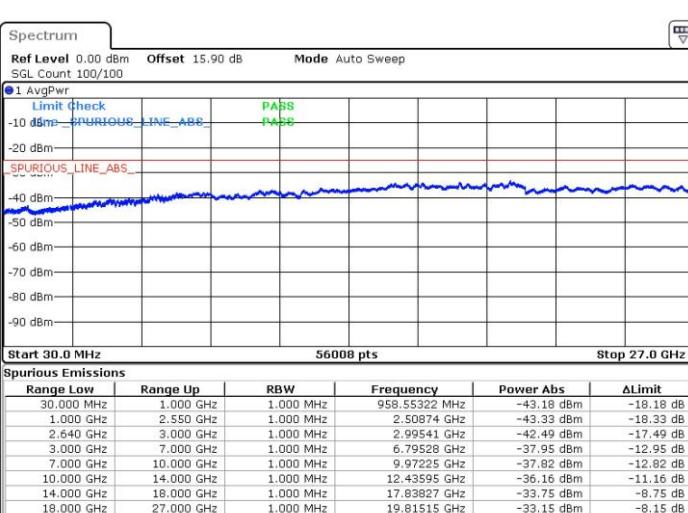




LTE Band 38 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

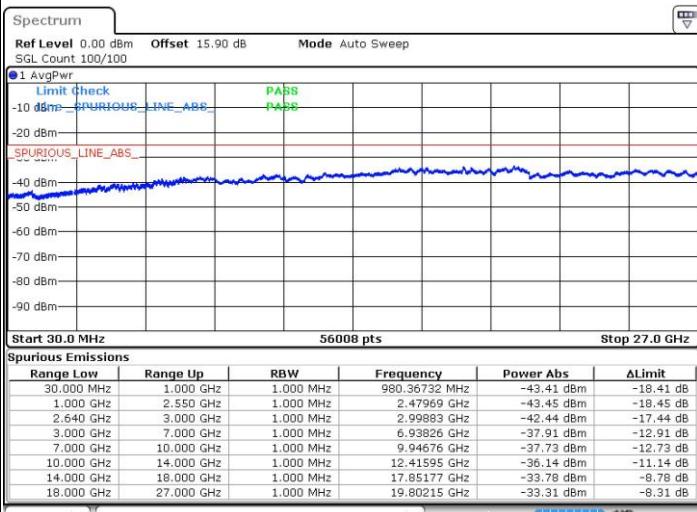
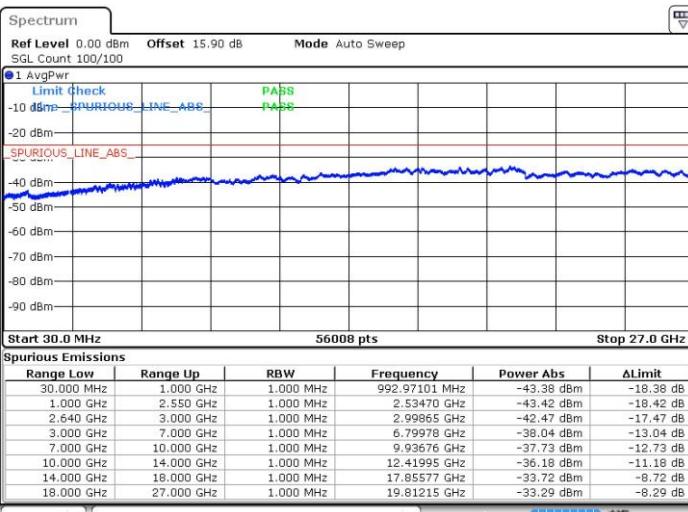


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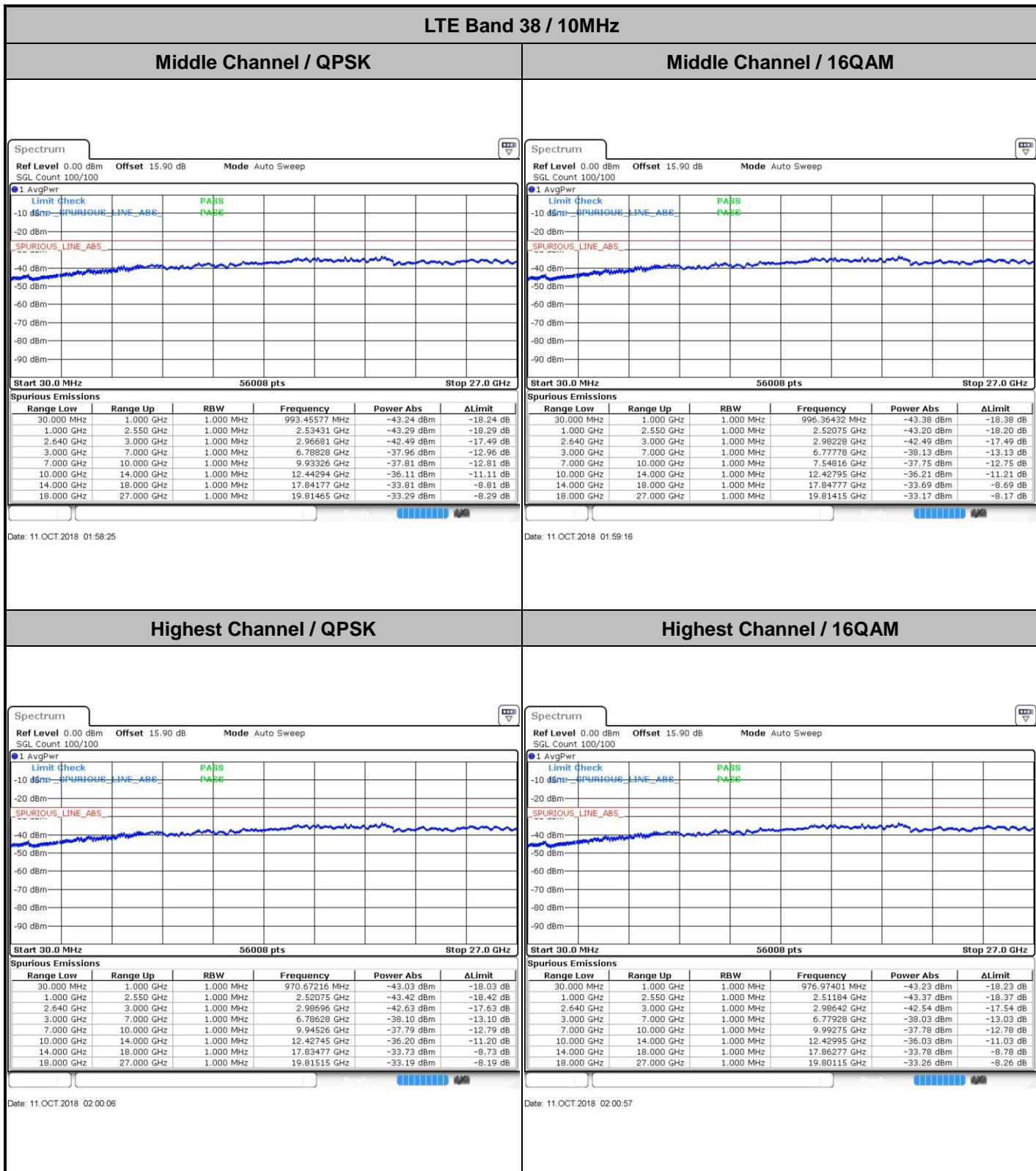
LTE Band 38 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.OCT.2018 01:57:35

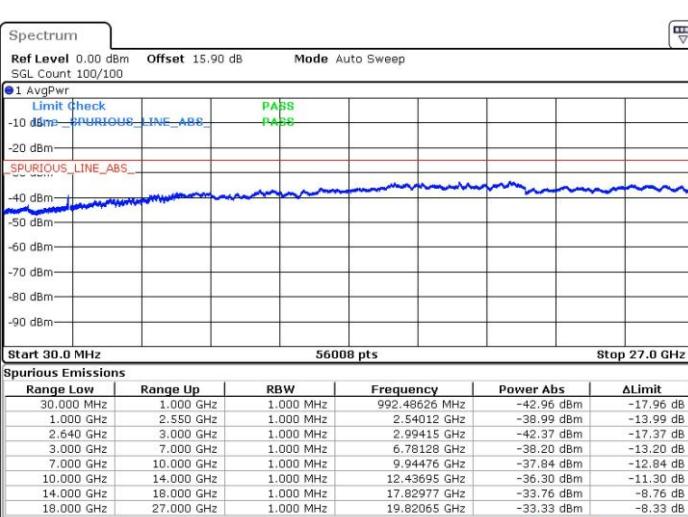




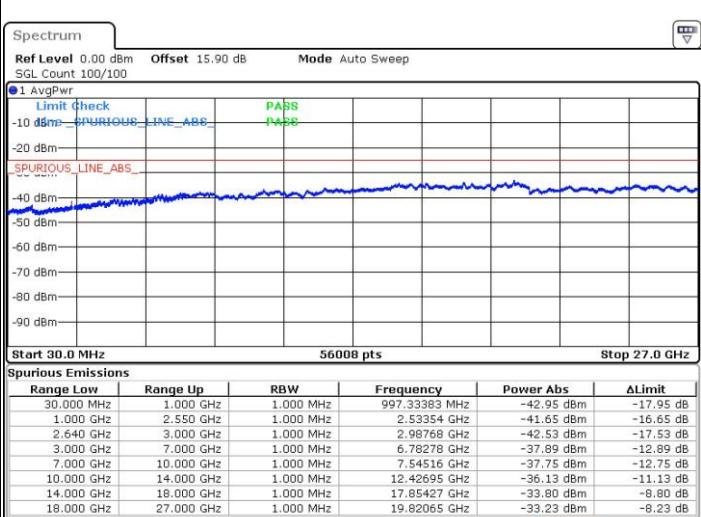
LTE Band 38 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



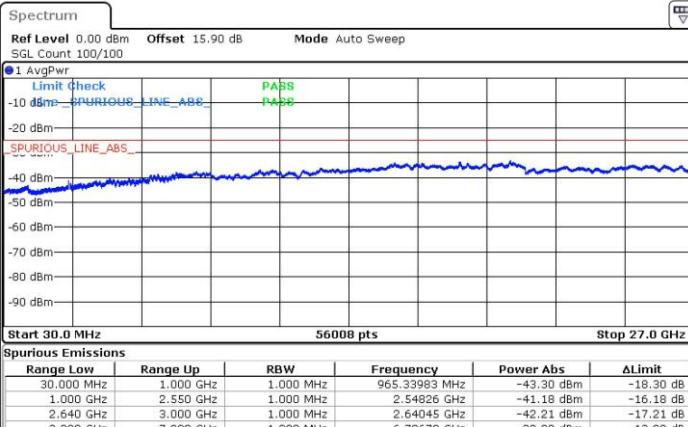
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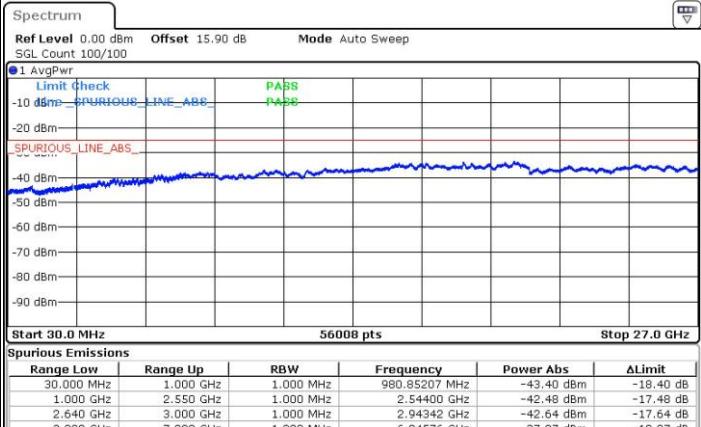
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Middle Channel / QPSK

Middle Channel / 16QAM



Date: 11.OCT.2018 02:03:28



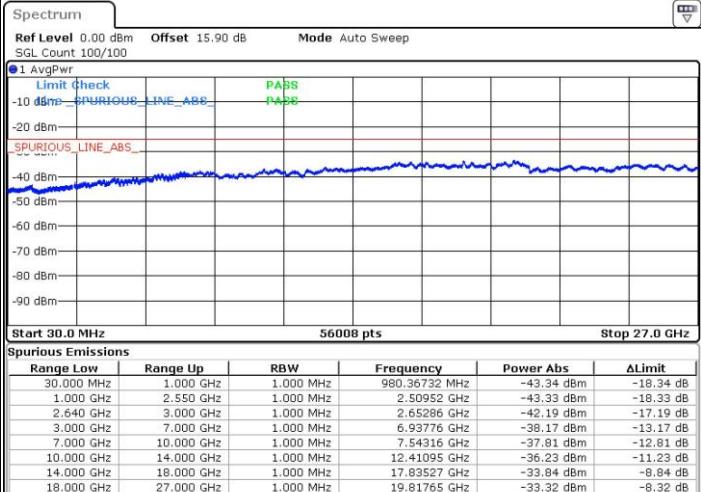
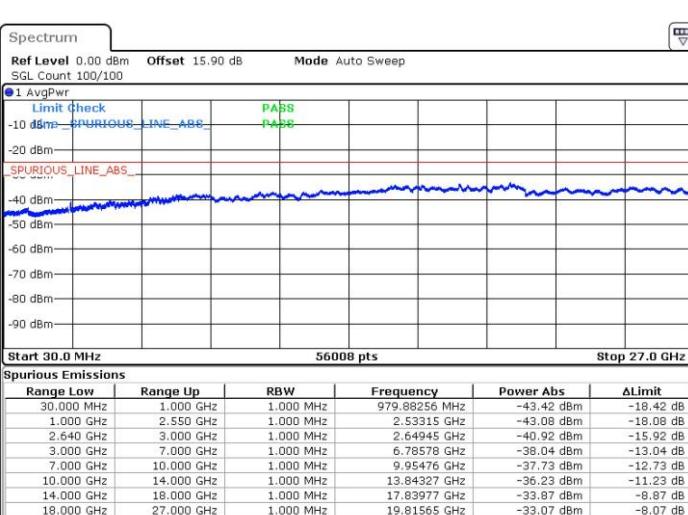
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LTE Band 38 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



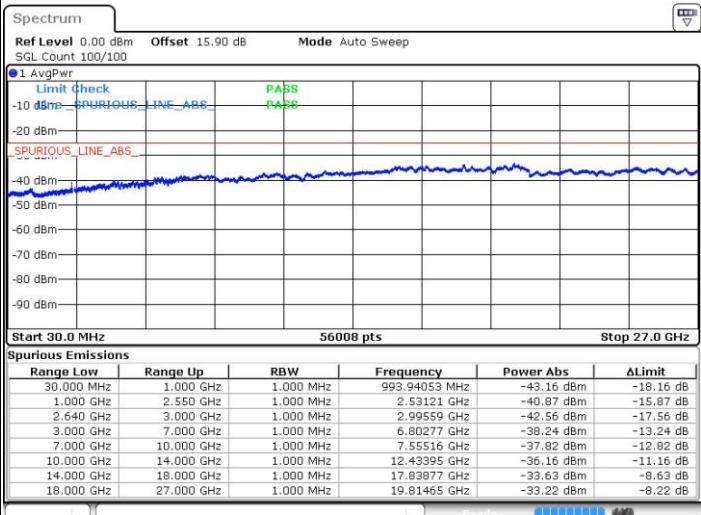
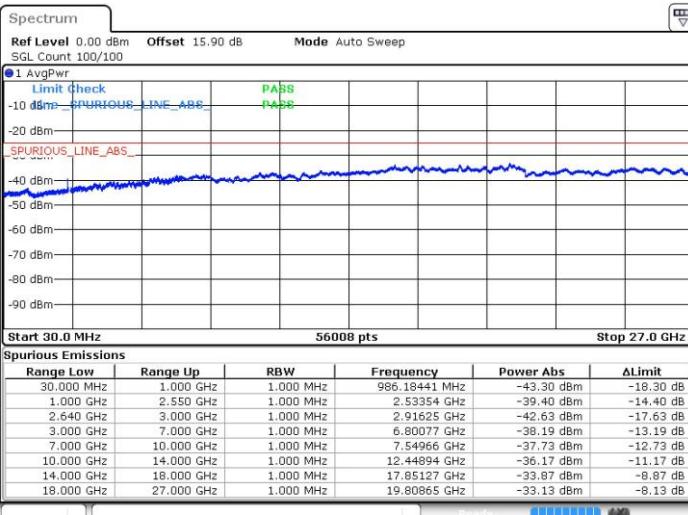
Date: 11.OCT.2018 02:05:09

Date: 11.OCT.2018 02:06:00

LTE Band 38 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.OCT.2018 02:06:51

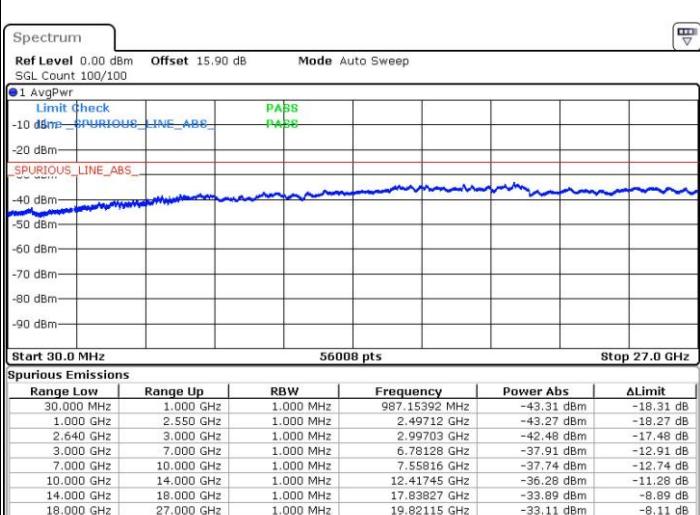
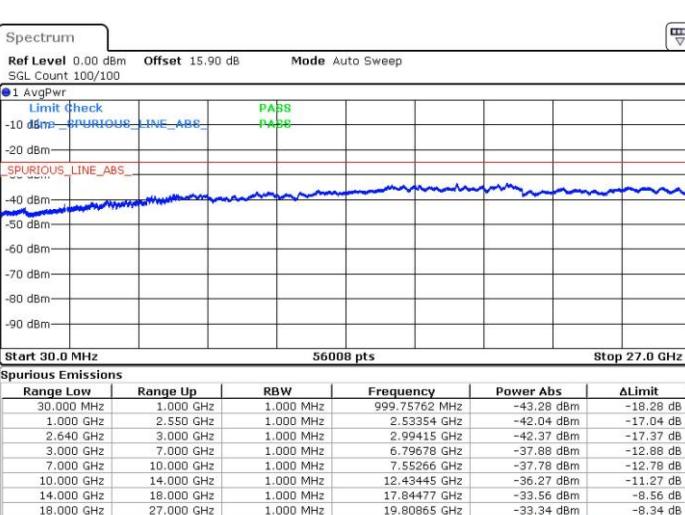
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LTE Band 38 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

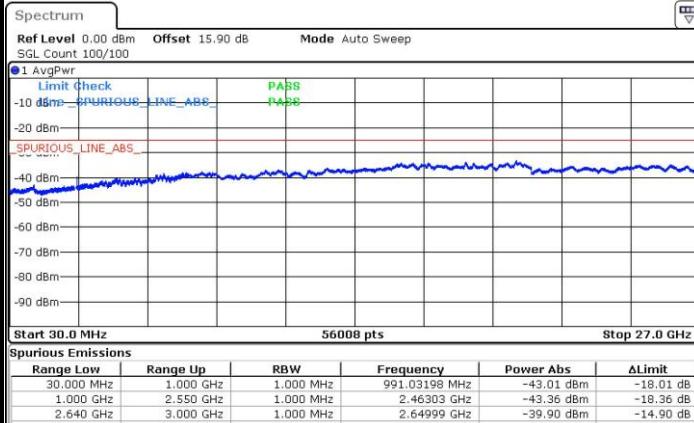


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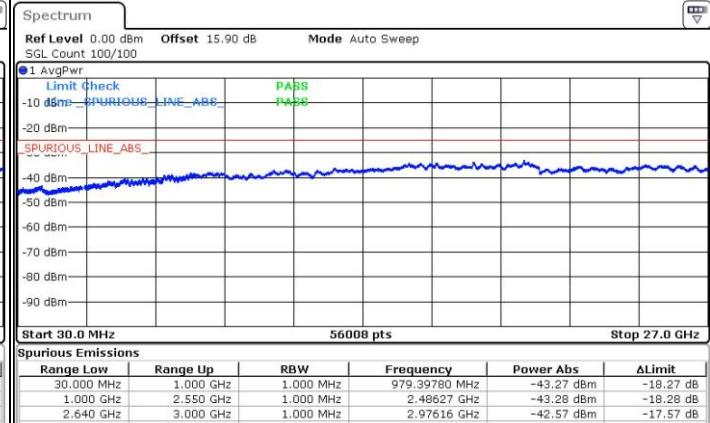
Date: 11.OCT.2018 02:09:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.OCT.2018 02:10:14



Date: 11.OCT.2018 02:11:04



Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

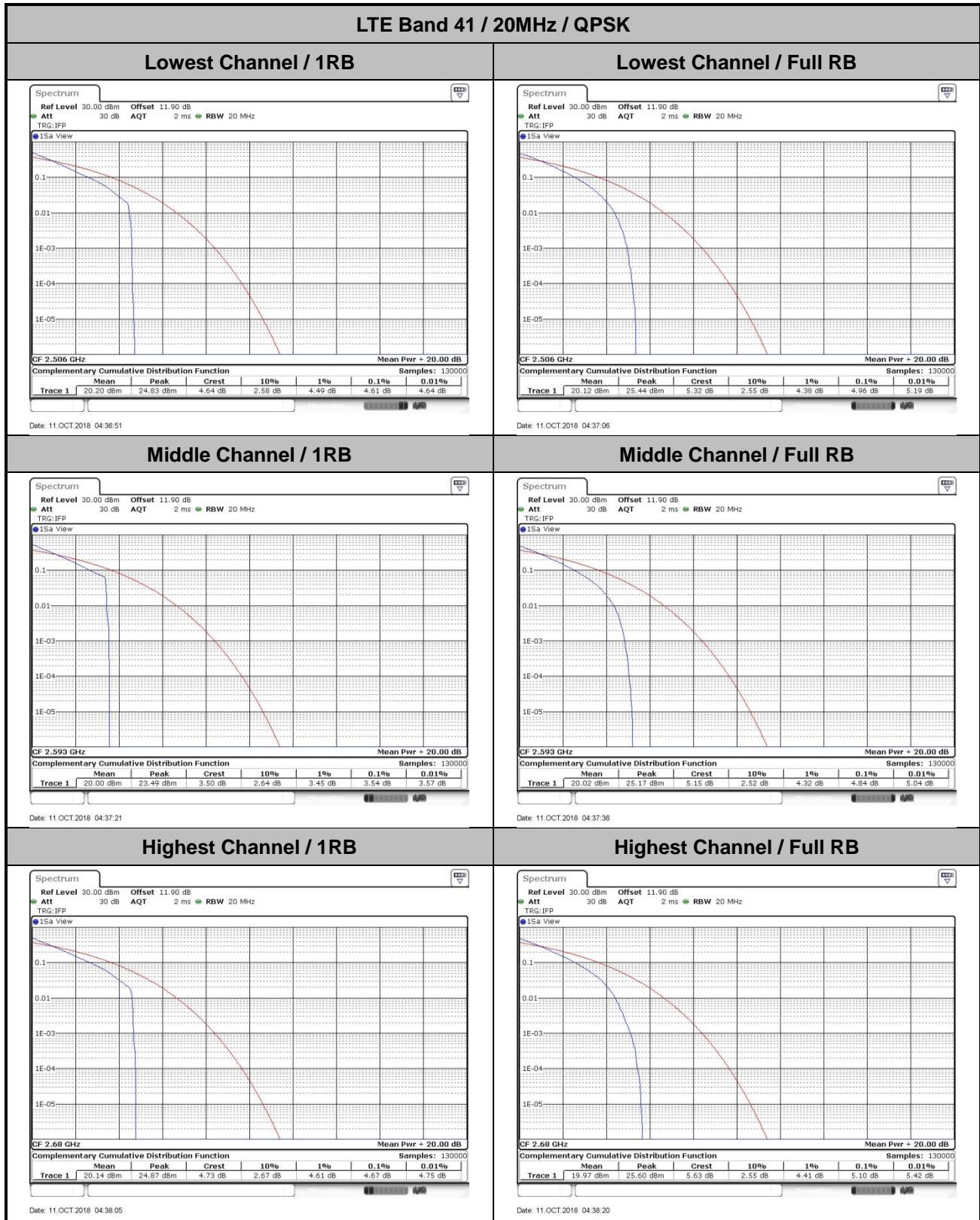
1. Normal Voltage =7.6 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.7 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

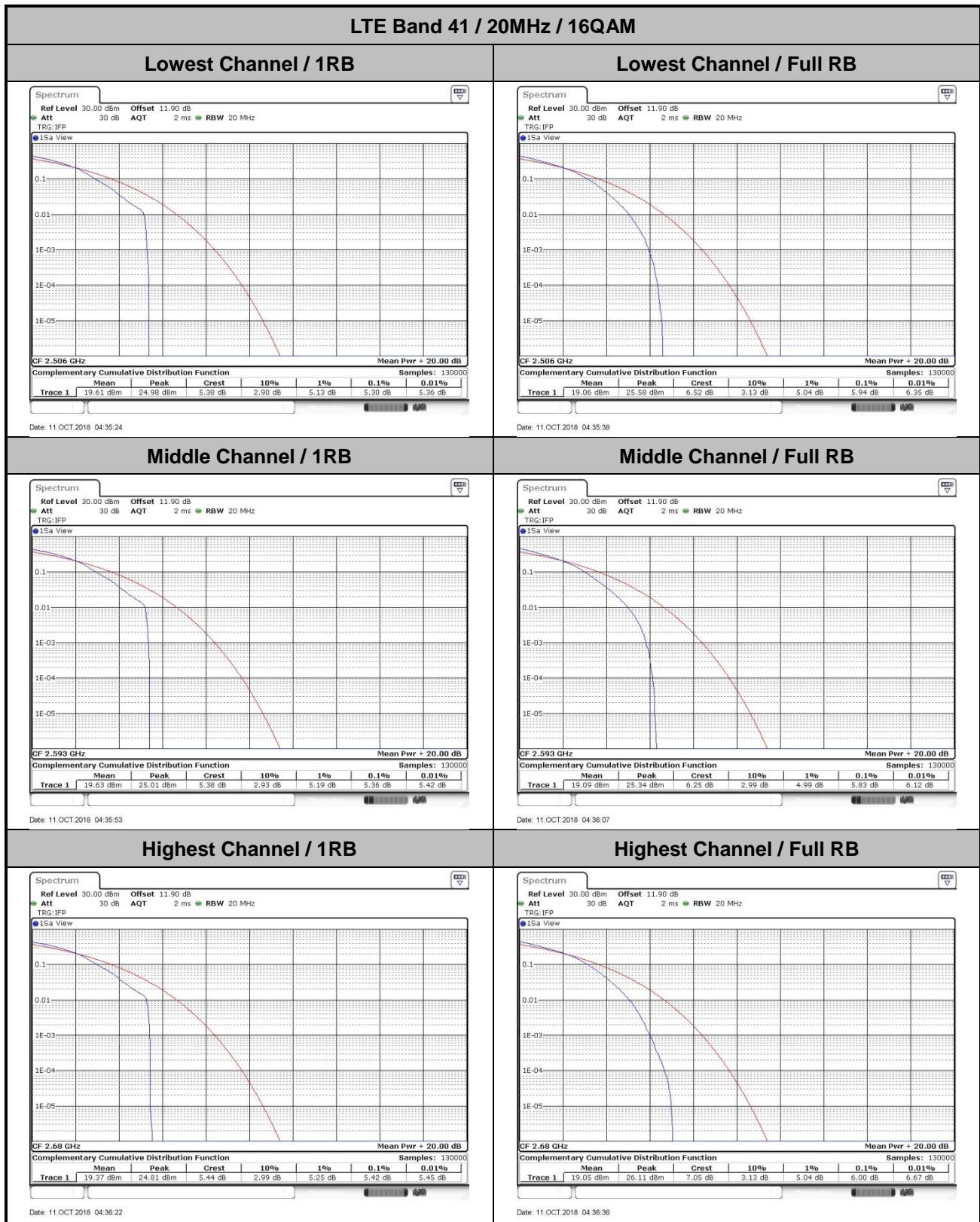


LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.61	4.96	5.30	5.94	
Middle CH	3.54	4.84	5.36	5.83	PASS
Highest CH	4.67	5.10	5.42	6.00	





**26dB Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.91	4.76	9.75	9.75	14.15	14.33	20.18	20.14
Middle CH	-	-	-	-	4.93	4.72	9.63	9.67	14.45	14.36	20.10	20.42
Highest CH	-	-	-	-	4.92	4.79	9.75	9.63	14.24	14.18	20.38	20.02

