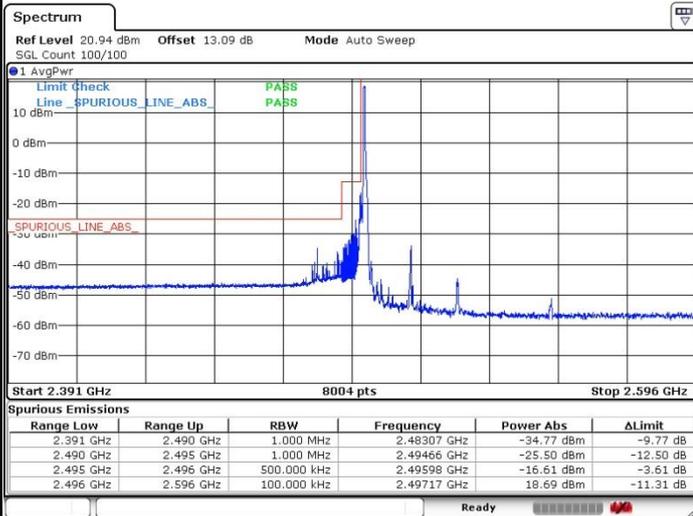




NR 30MHz

30M-L-1RB0-B



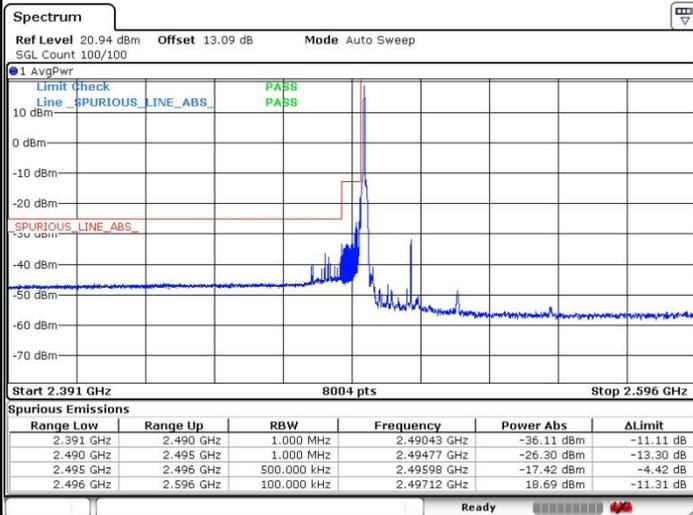
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30M-H-1RBMAX-B



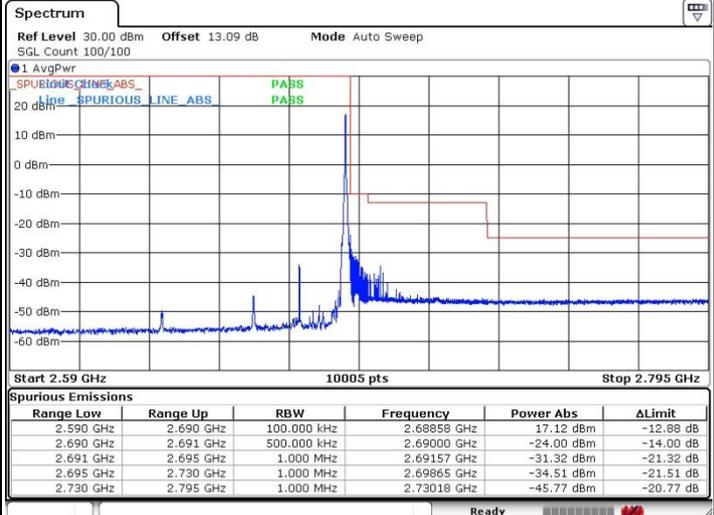
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30M-L-1RB0-Q

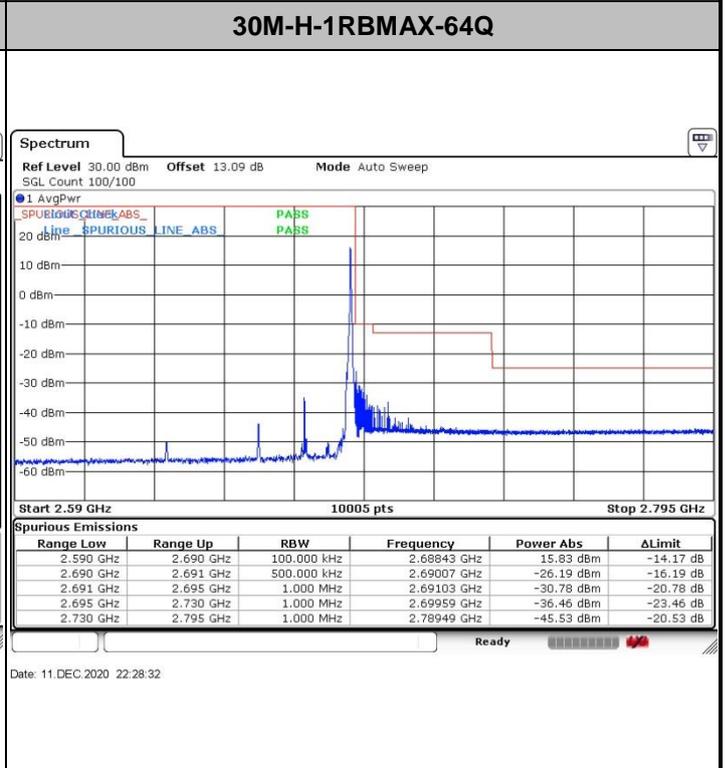
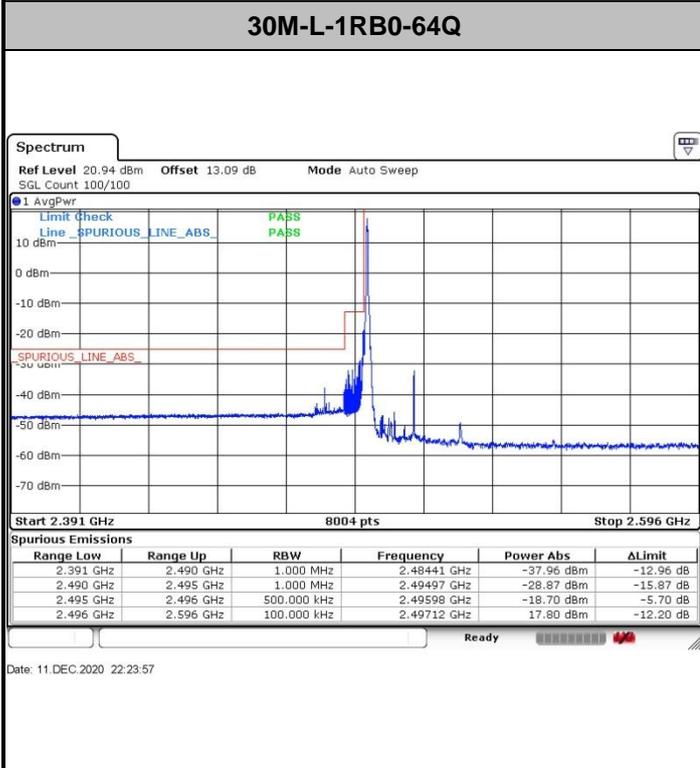
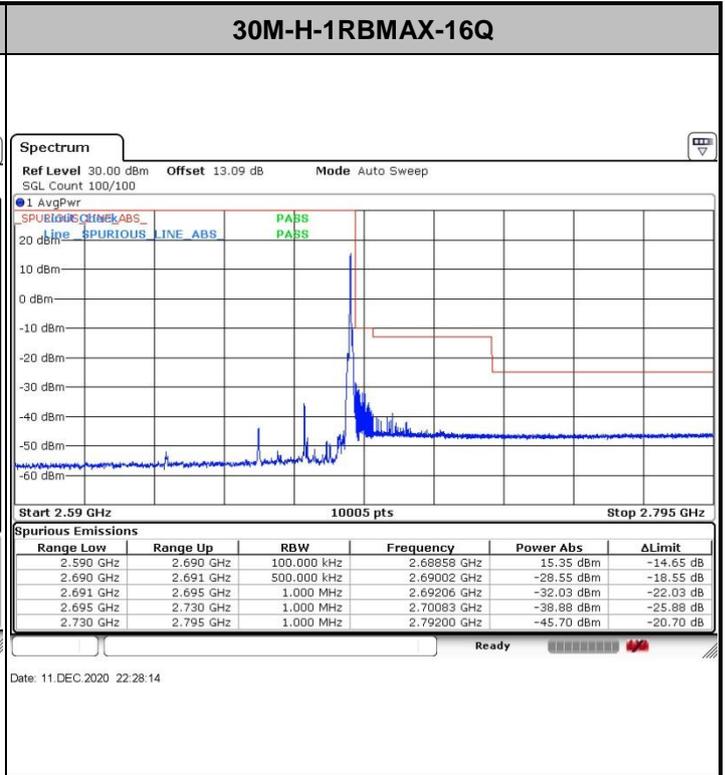
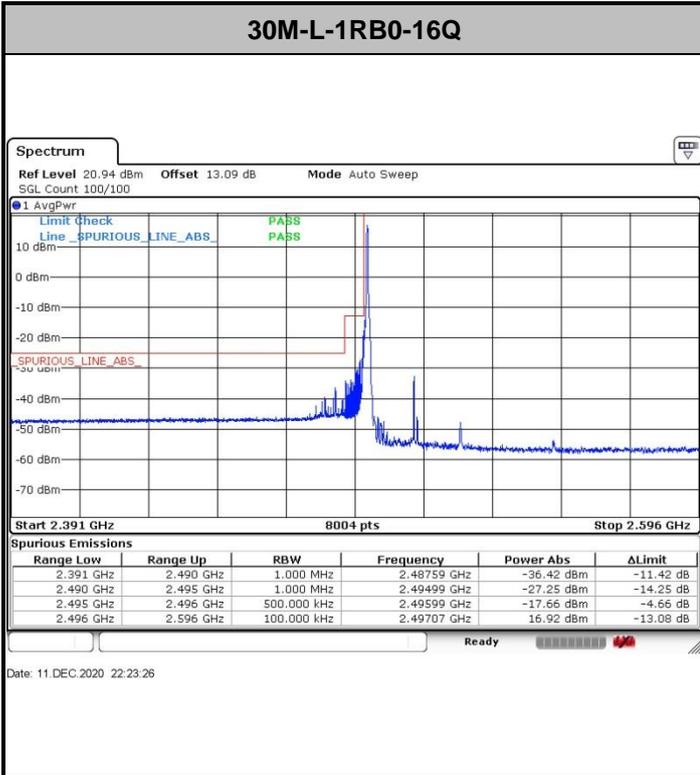


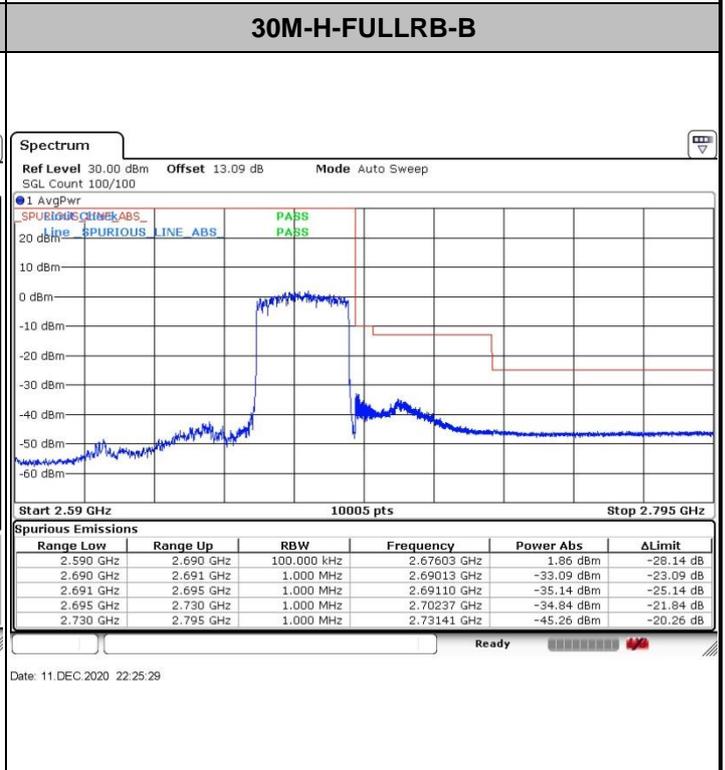
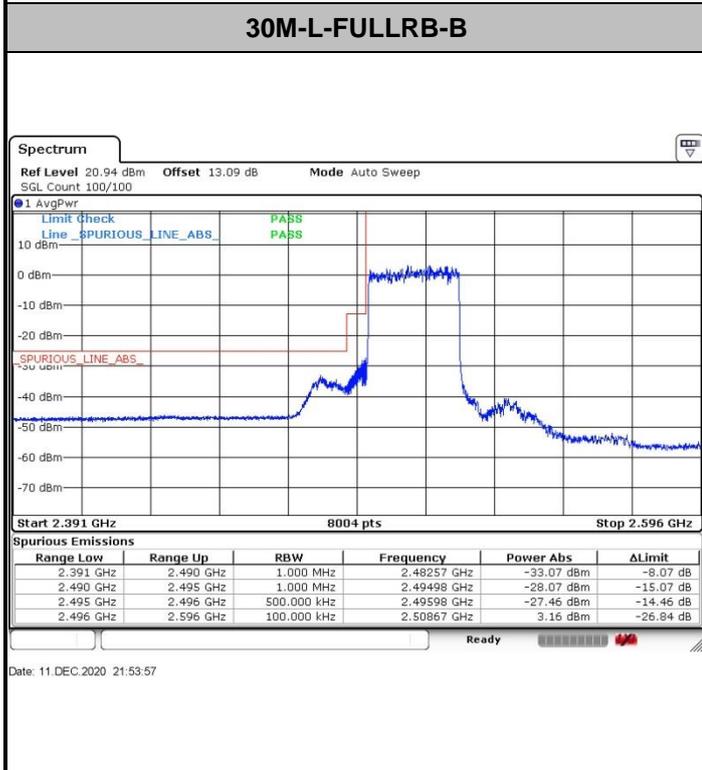
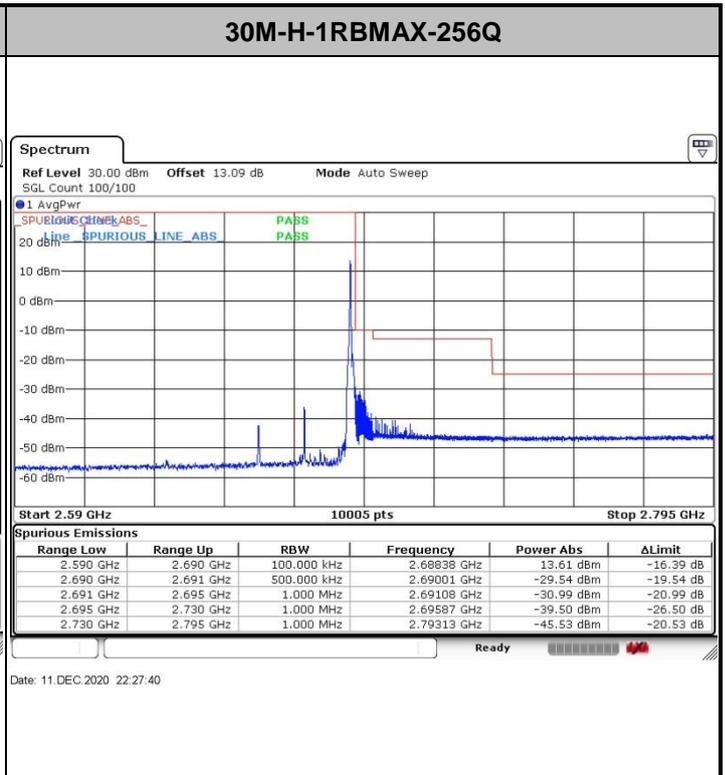
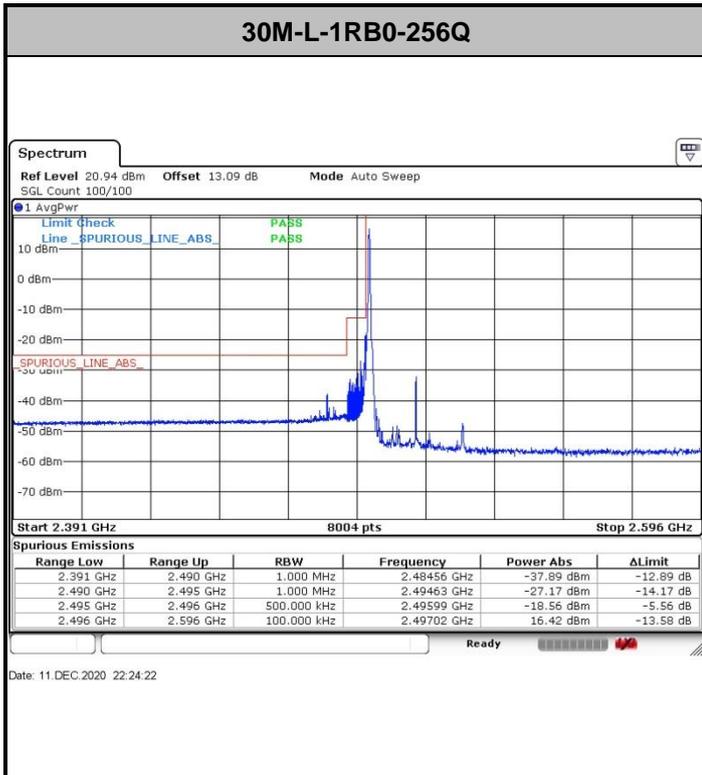
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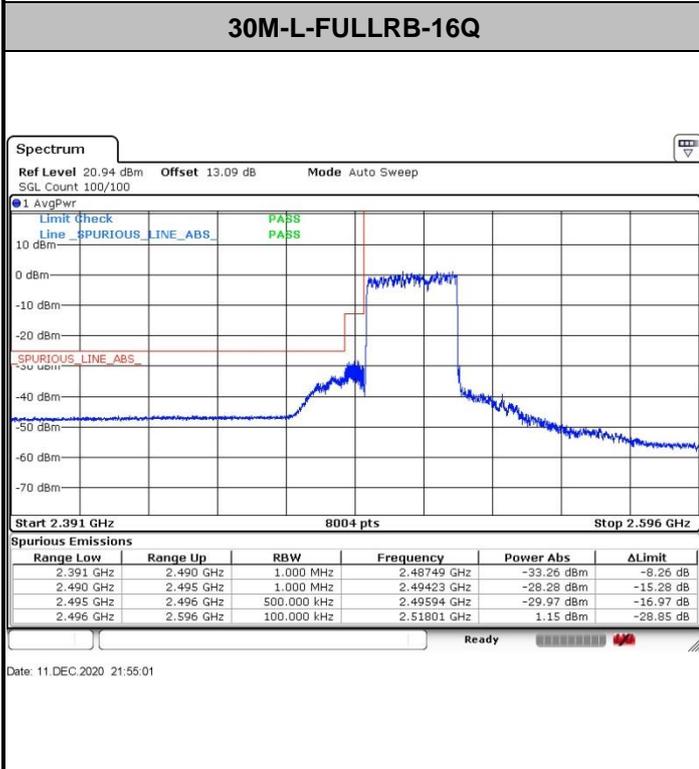
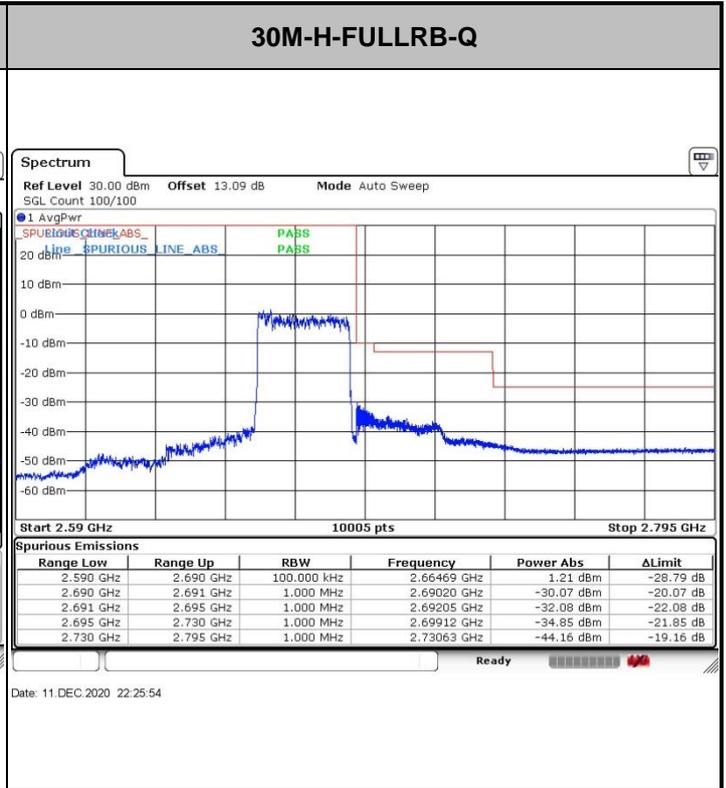
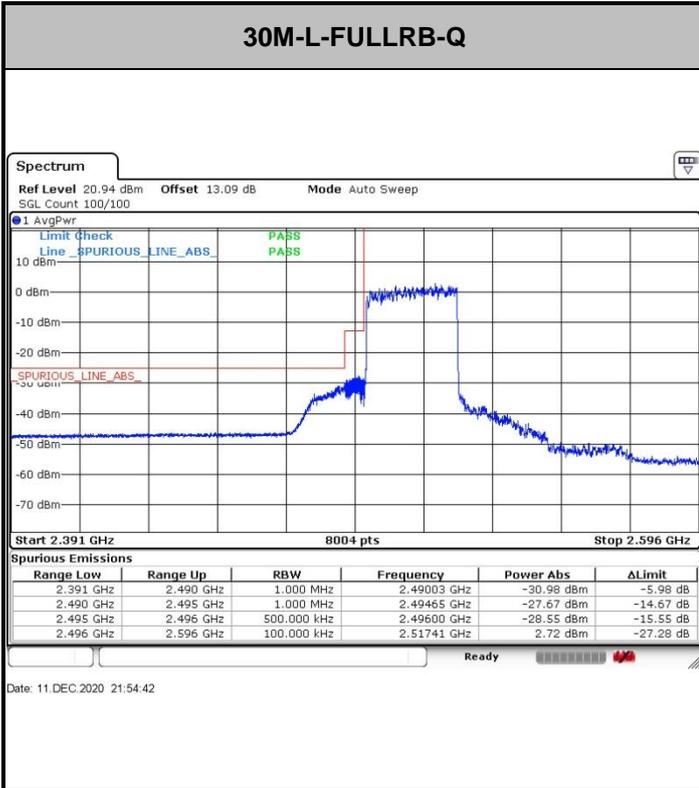
30M-H-1RBMAX-Q

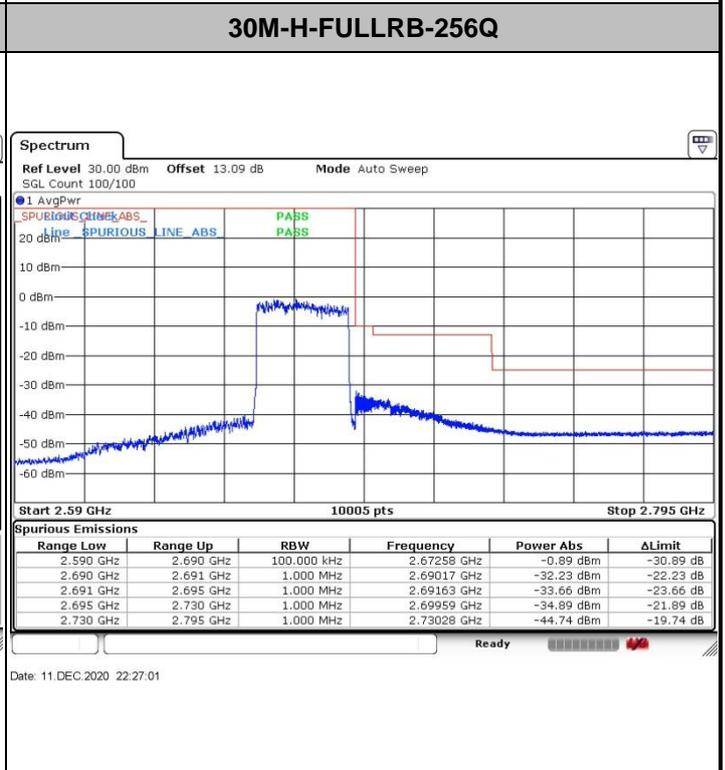
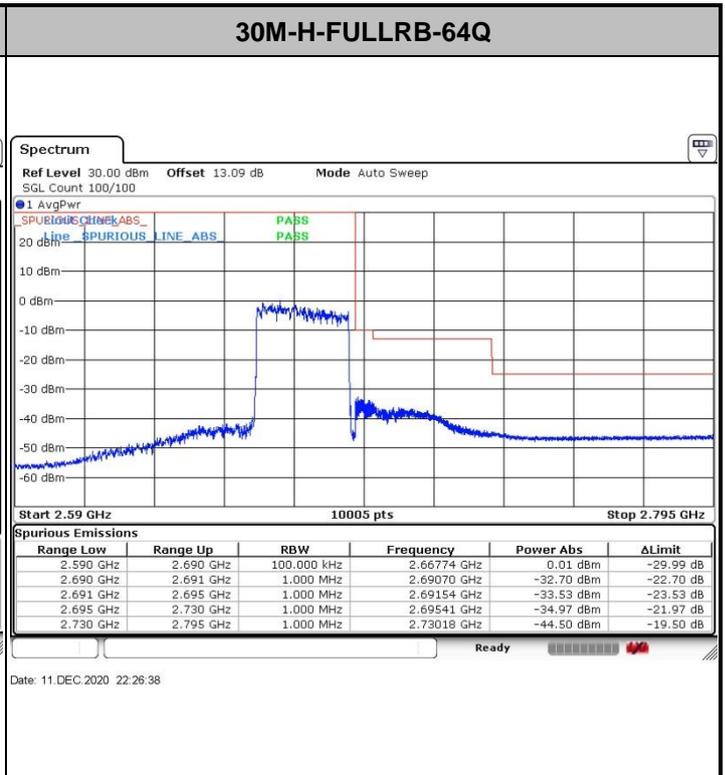
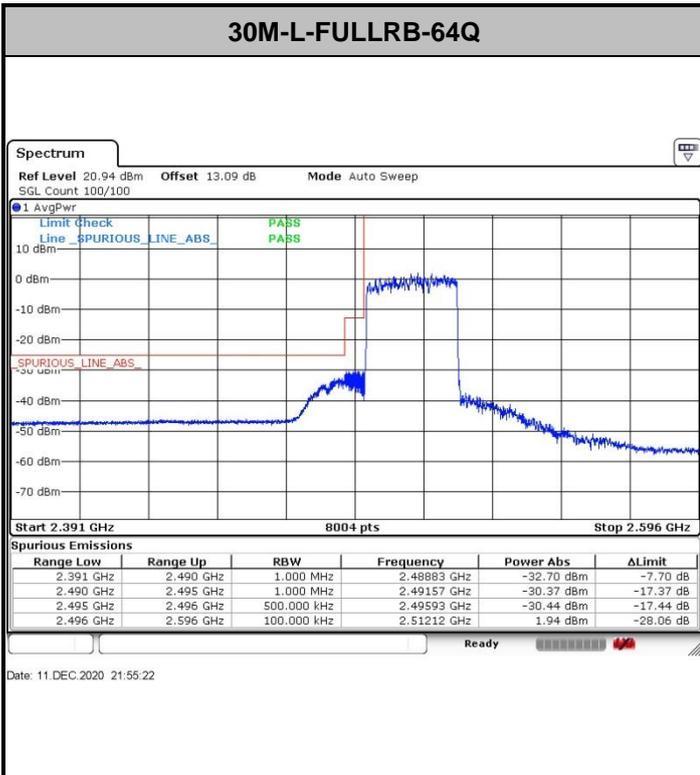


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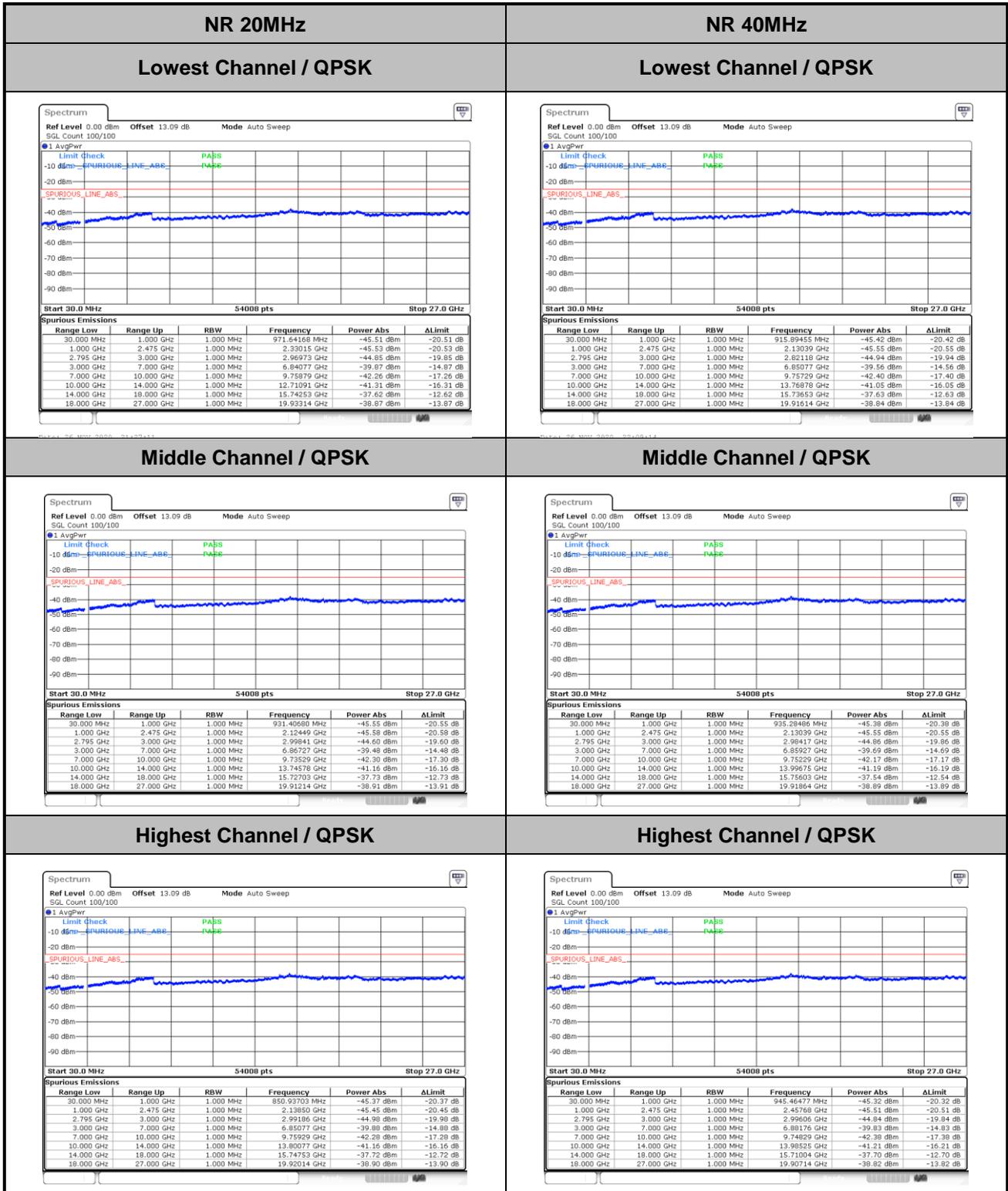








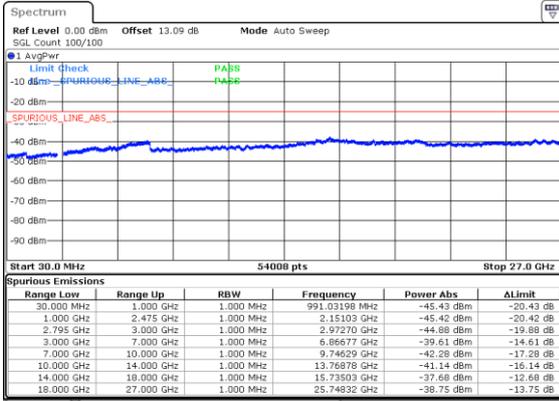
# Conducted Spurious Emission





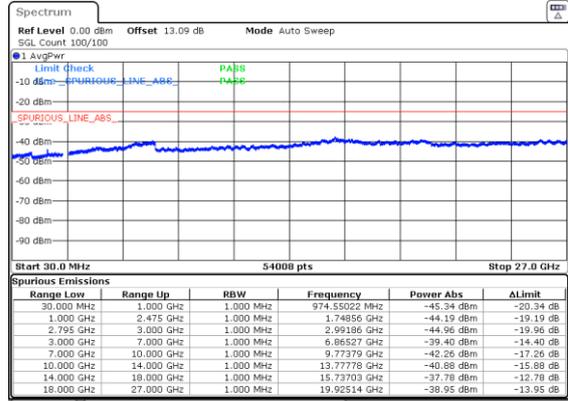
NR 50MHz

Lowest Channel / QPSK

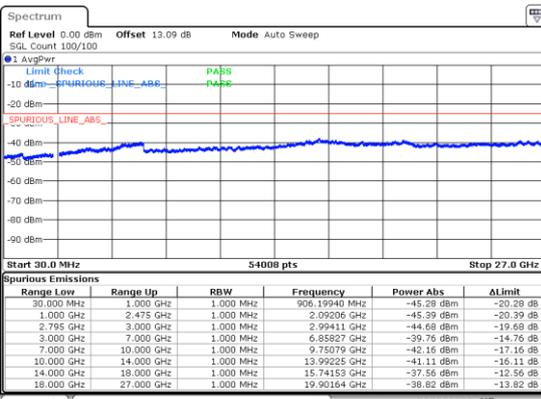


NR 60MHz

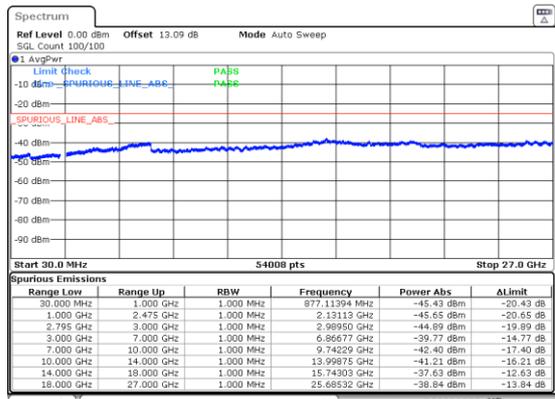
Lowest Channel / QPSK



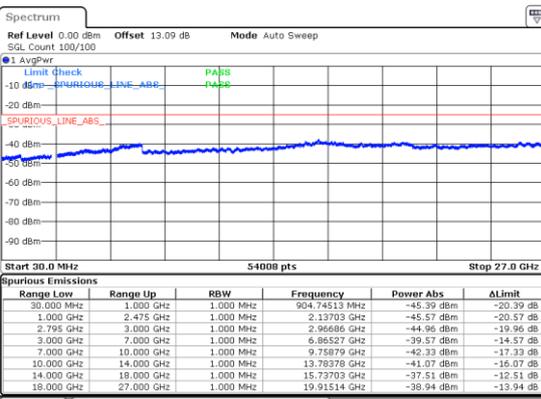
Middle Channel / QPSK



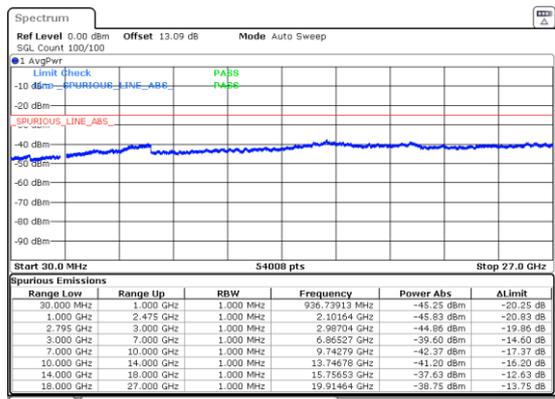
Middle Channel / QPSK



Highest Channel / QPSK



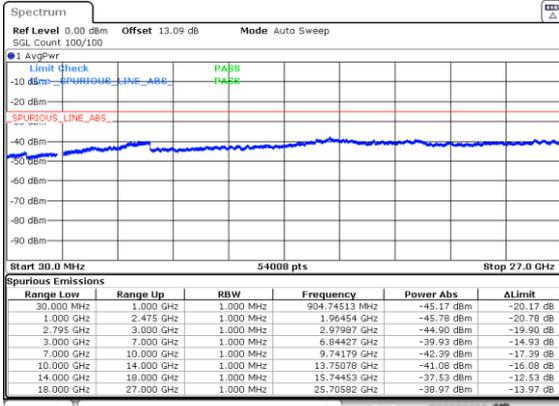
Highest Channel / QPSK





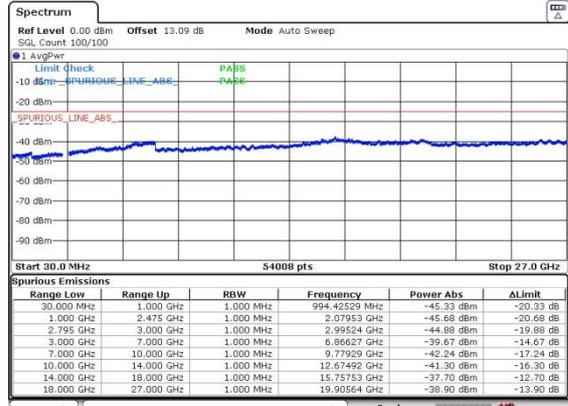
NR 80MHz

Lowest Channel / QPSK

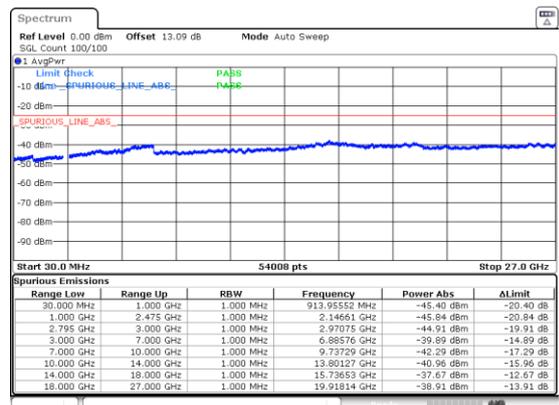


NR 90MHz

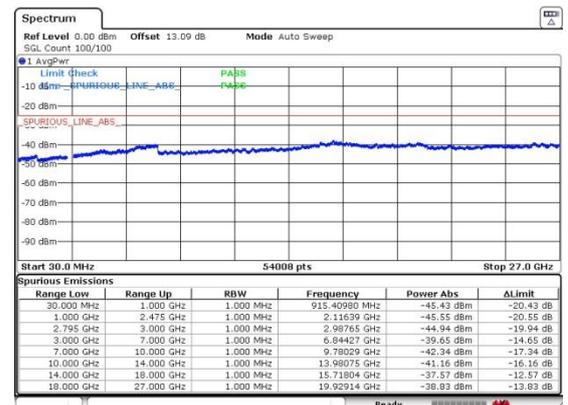
Lowest Channel / QPSK



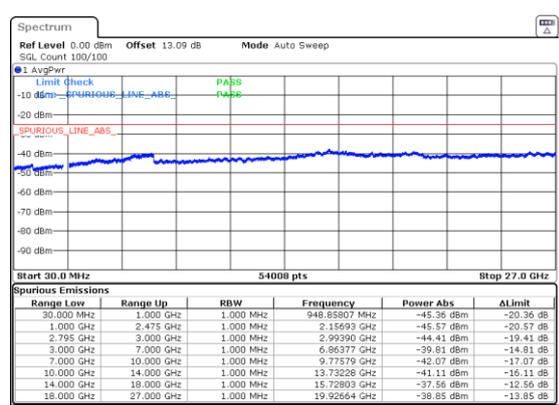
Middle Channel / QPSK



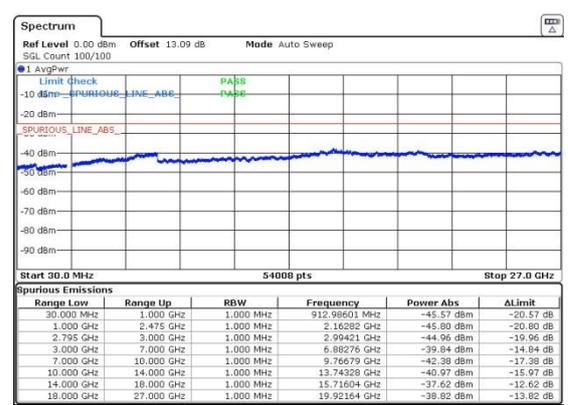
Middle Channel / QPSK



Highest Channel / QPSK



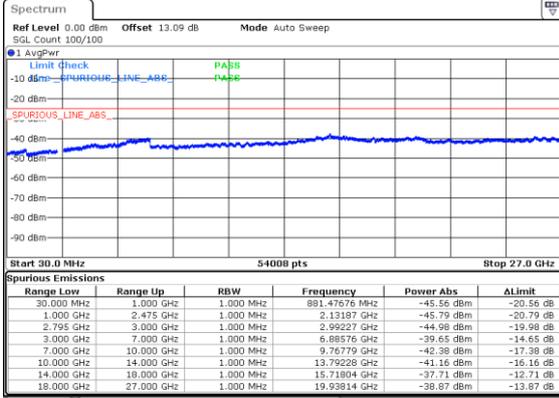
Highest Channel / QPSK





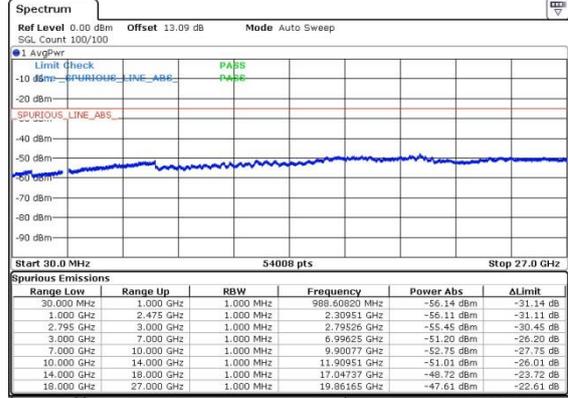
NR 100MHz

Lowest Channel / QPSK

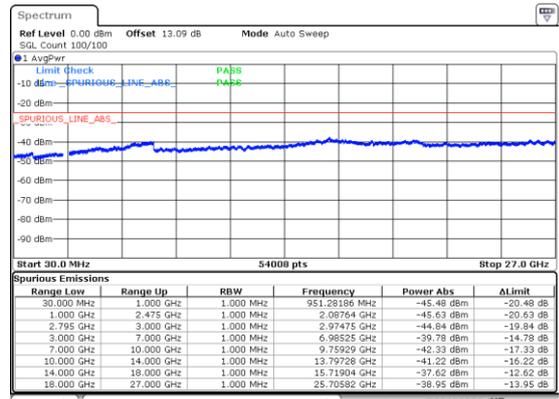


NR 30MHz

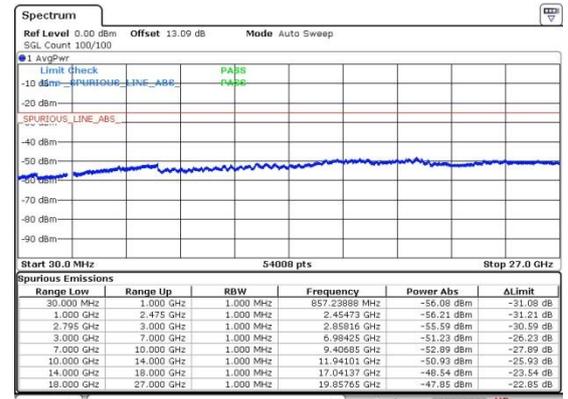
Lowest Channel / QPSK



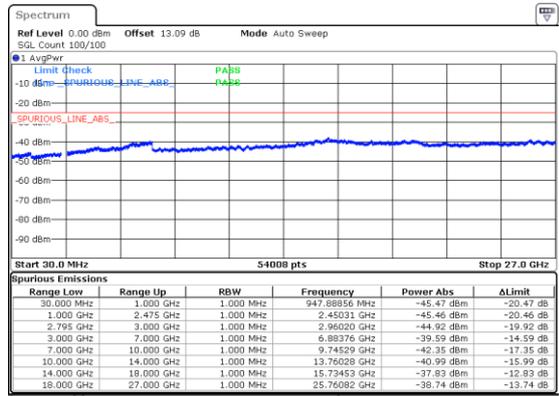
Middle Channel / QPSK



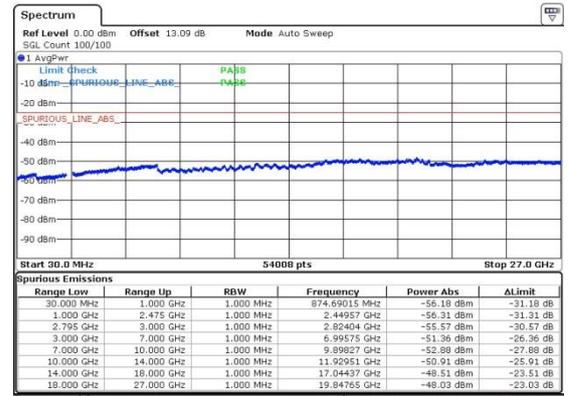
Middle Channel / QPSK



Highest Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		n41A (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.87 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.

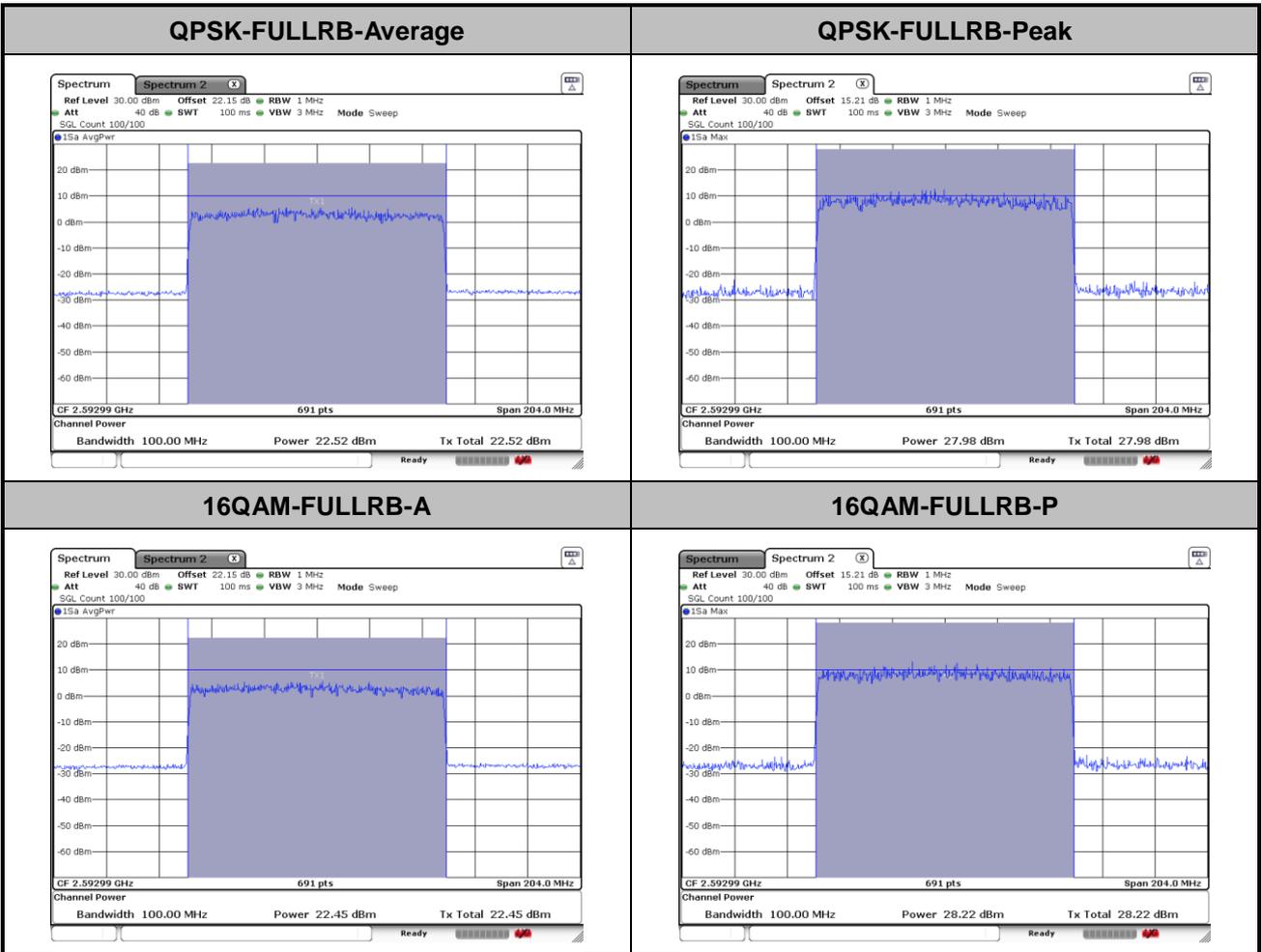


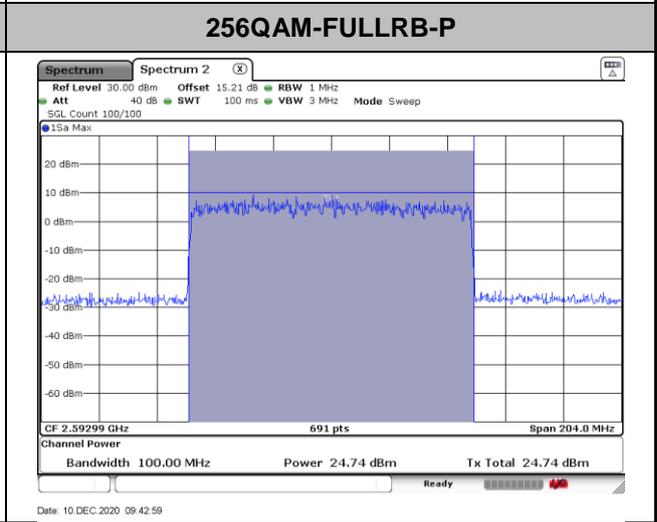
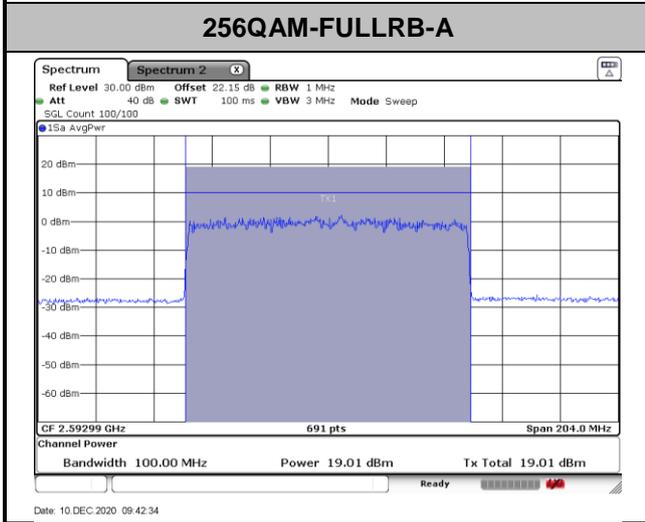
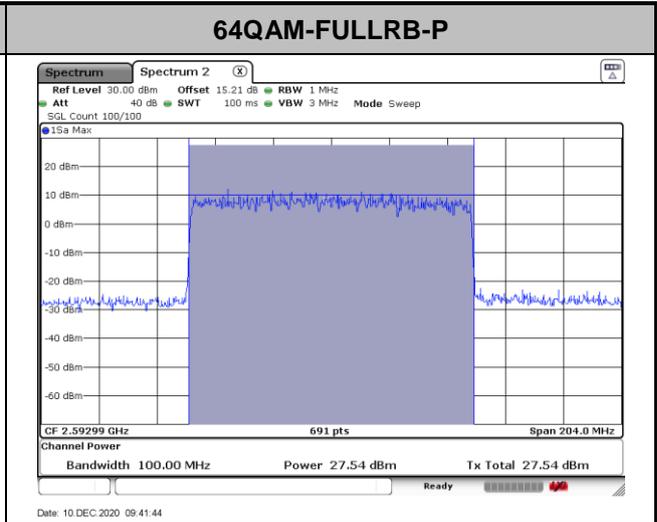
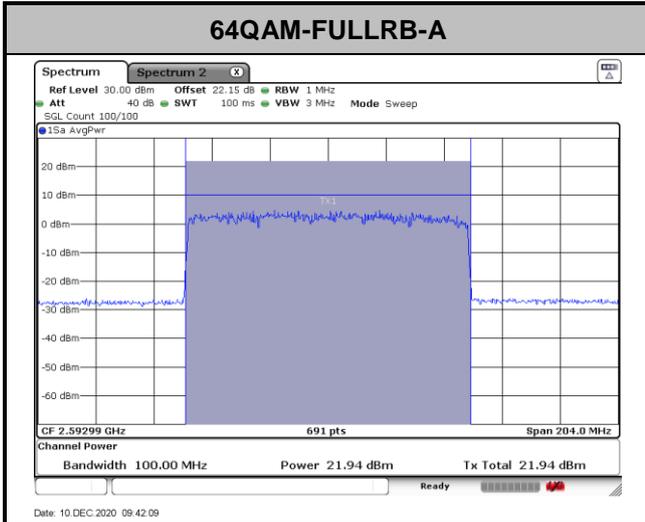
# 5G NR n41\_UL\_MIMO

## Peak-to-Average Ratio

Mode	N 41 / 100MHz				
RB Size	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
Middle CH	5.46	5.77	5.6	5.73	PASS

Note: PAR=Peak-Average

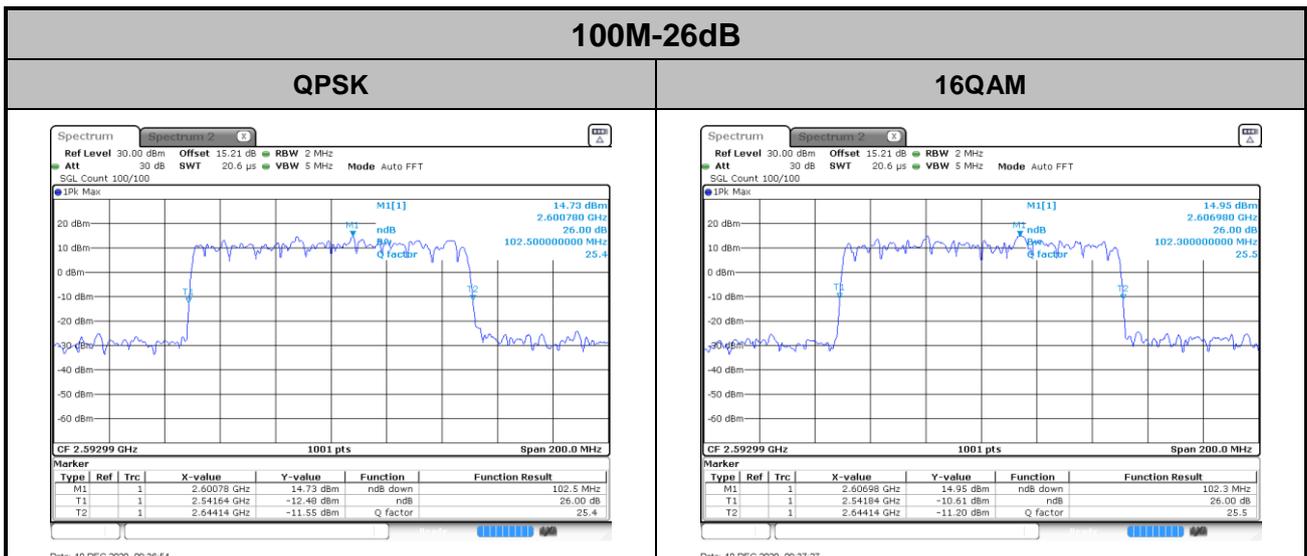






## 26dB Bandwidth

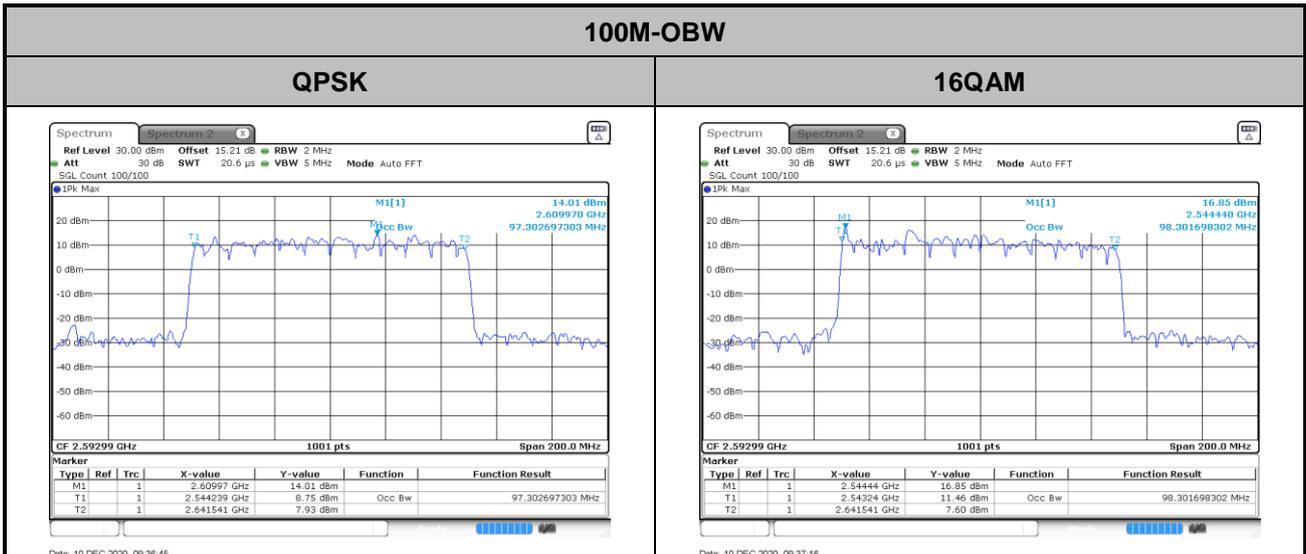
<b>Mode</b>	<b>N 41 : 26dB BW(MHz)</b>	
<b>BW</b>	<b>100MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	102.5	102.3





## Occupied Bandwidth

Mode	N 41 : OBW(MHz)	
BW	100MHz	
Mod.	QPSK	16QAM
Middle CH	97.303	98.302

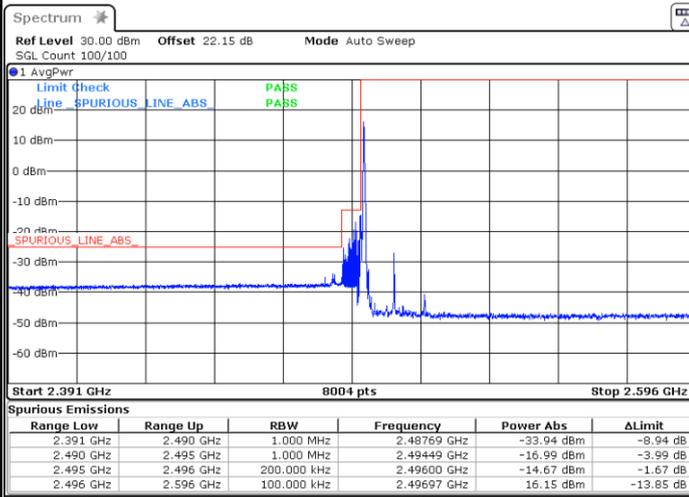




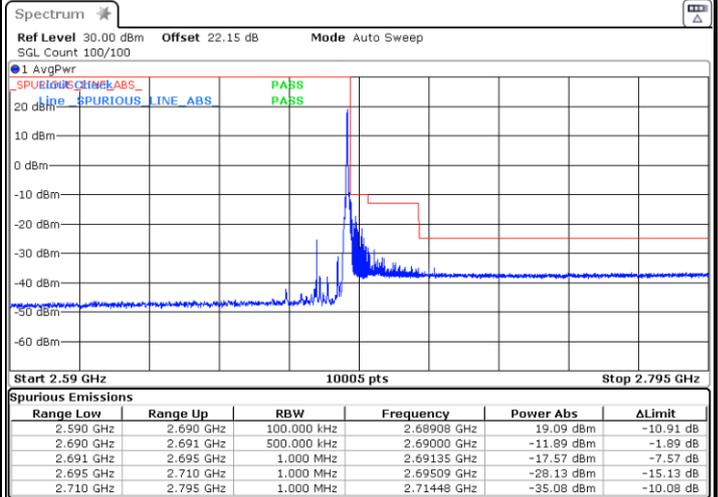
# Conducted Band Edge

## NR 20MHz

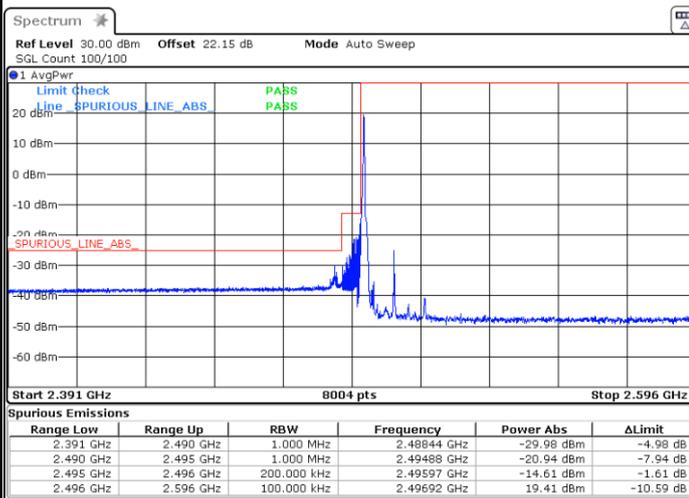
### 20M-L-1RB0-Q



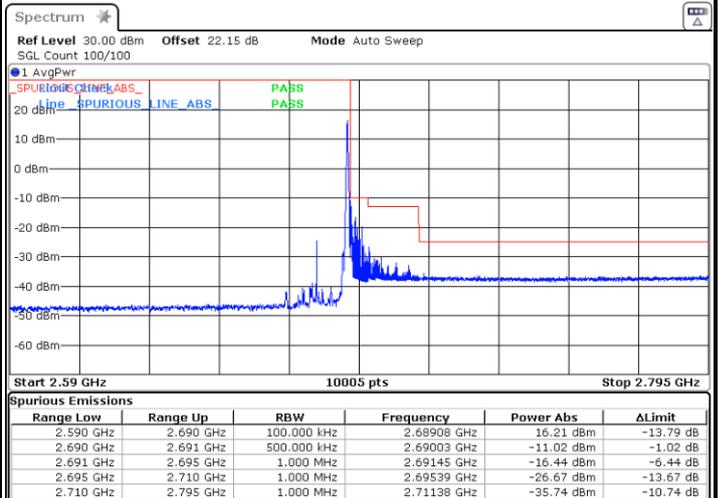
### 20M-H-1RBMAX-Q

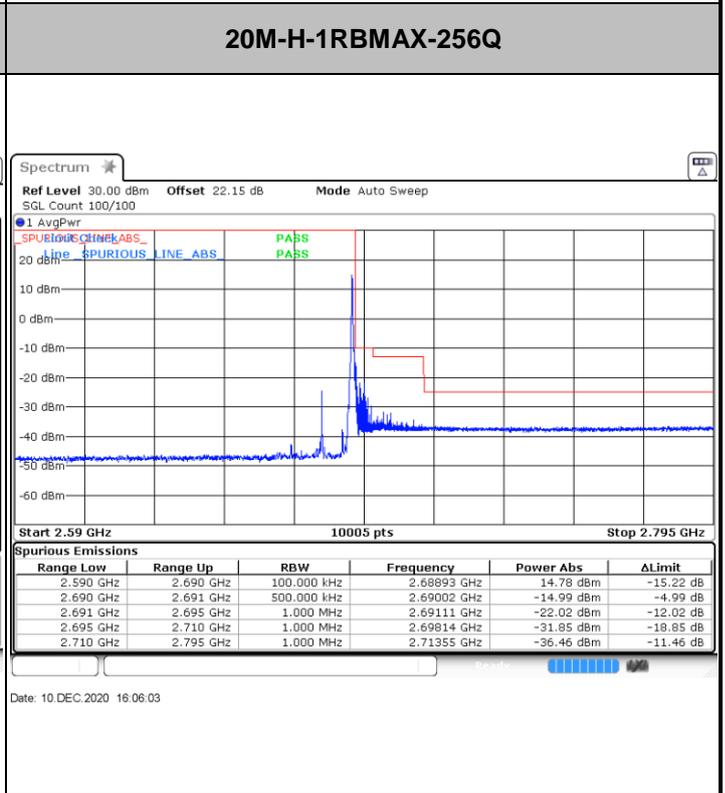
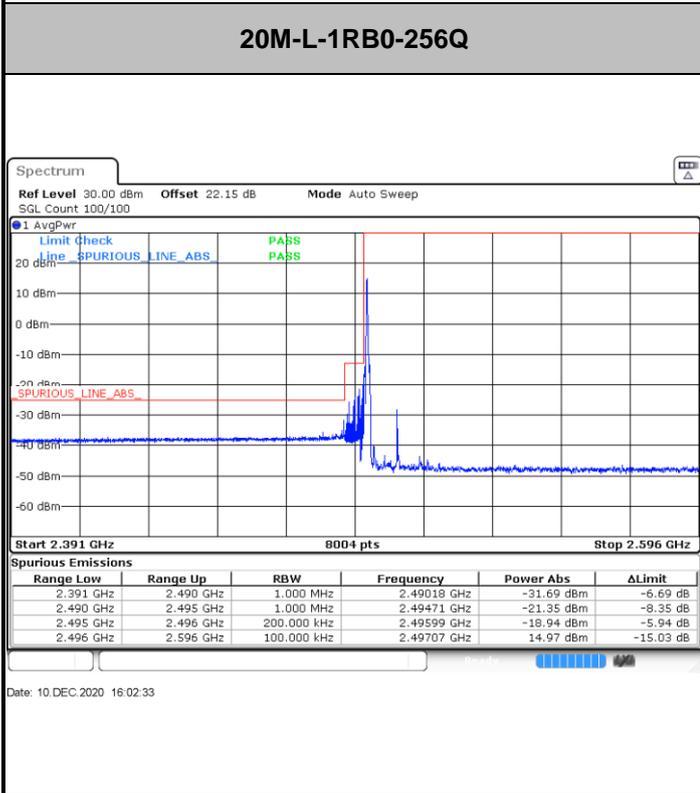
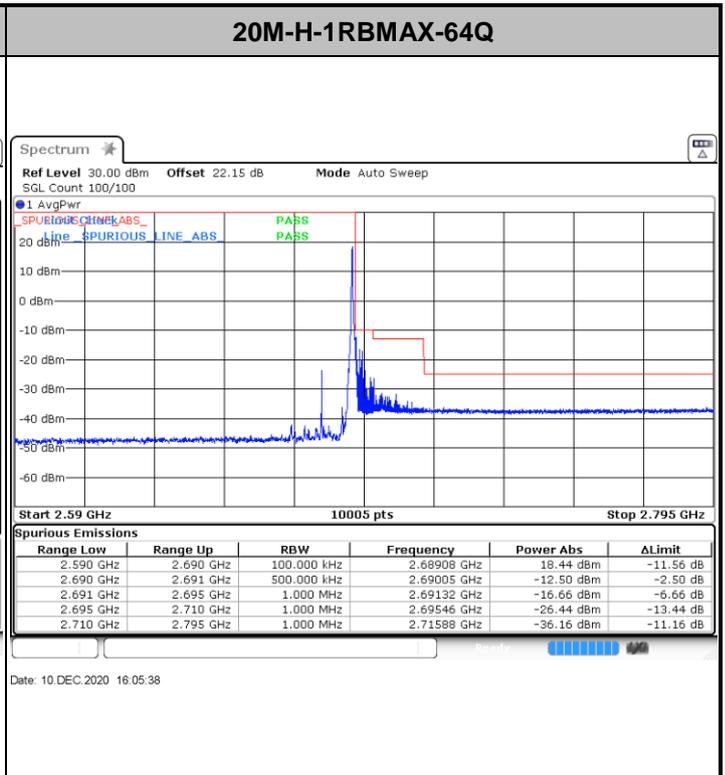
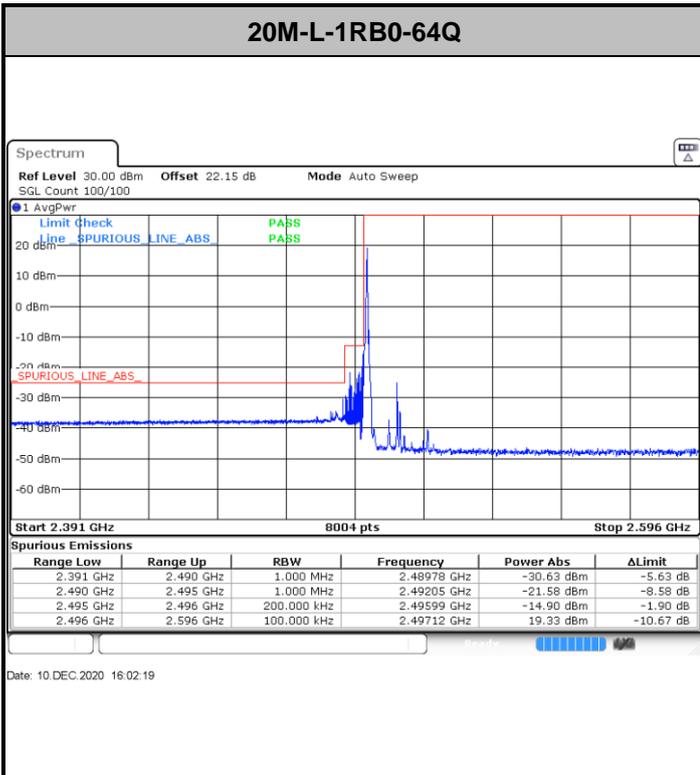


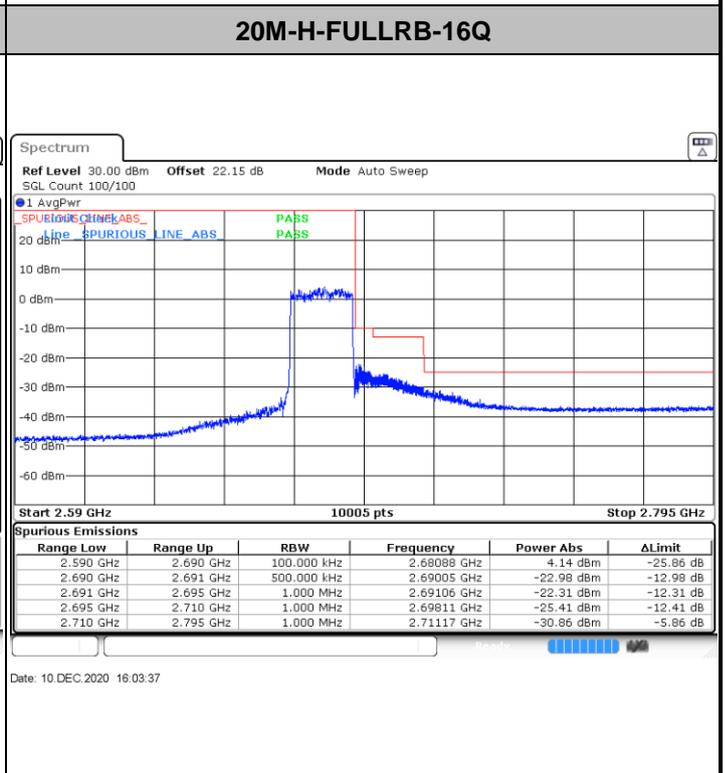
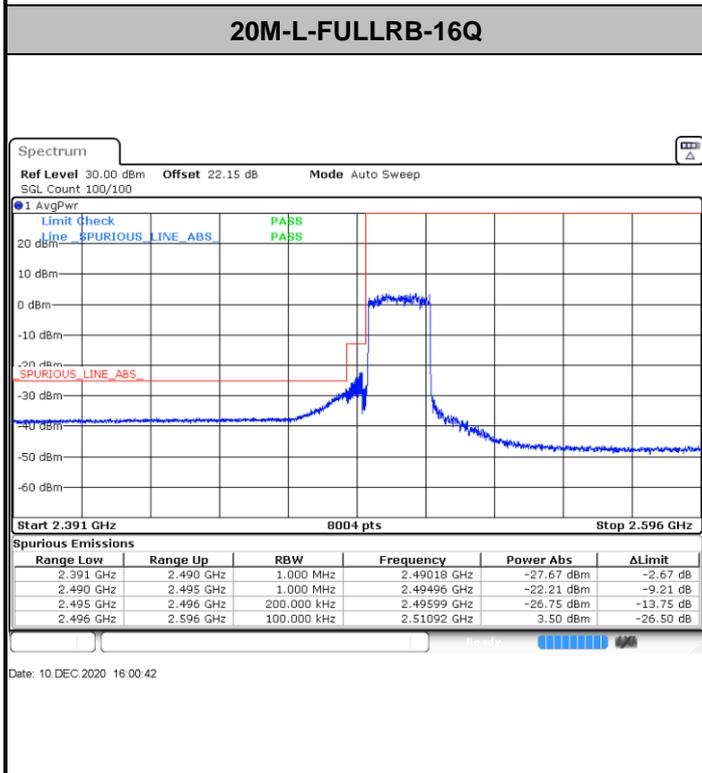
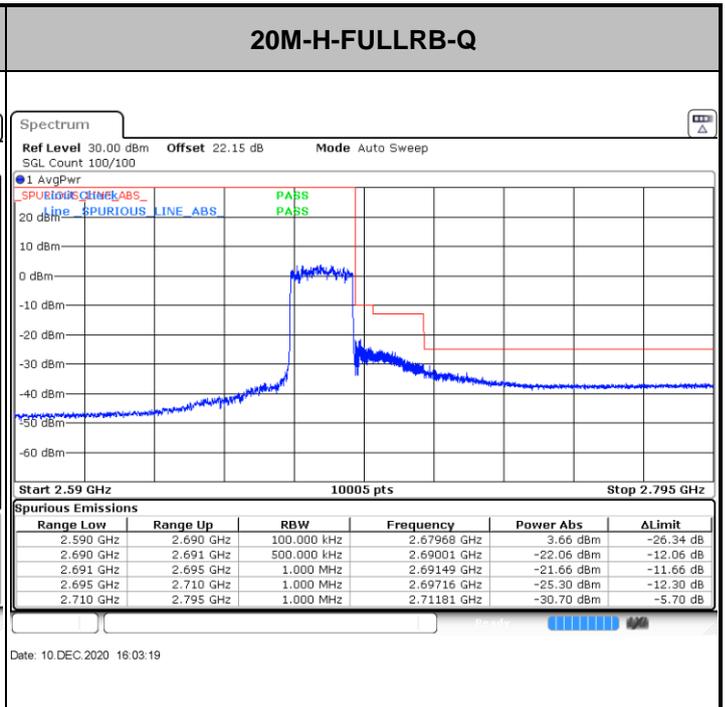
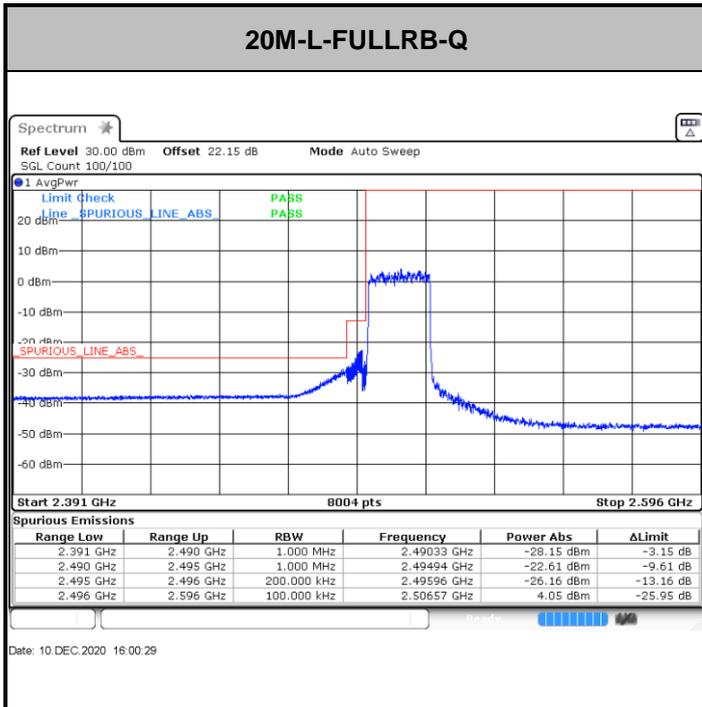
### 20M-L-1RB0-16Q

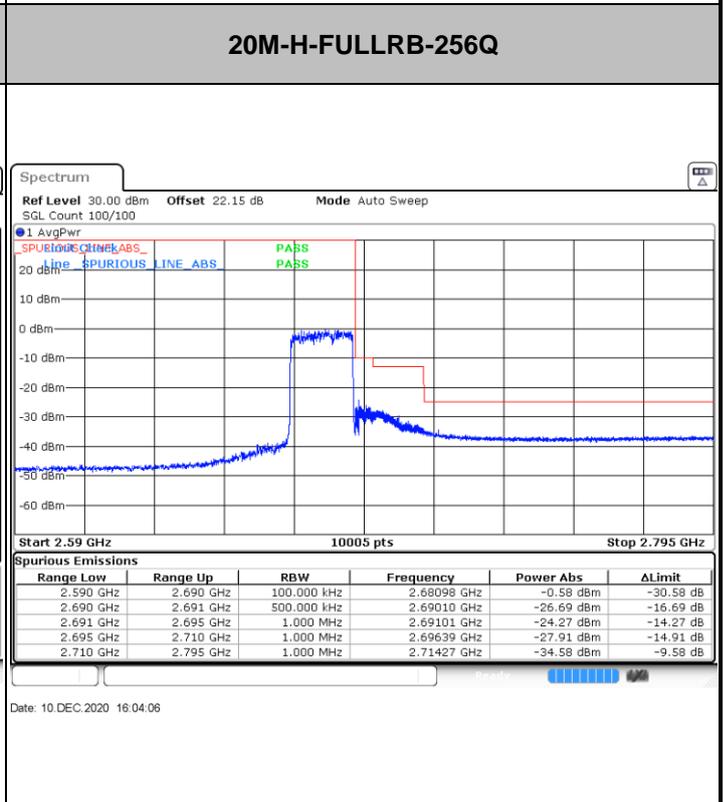
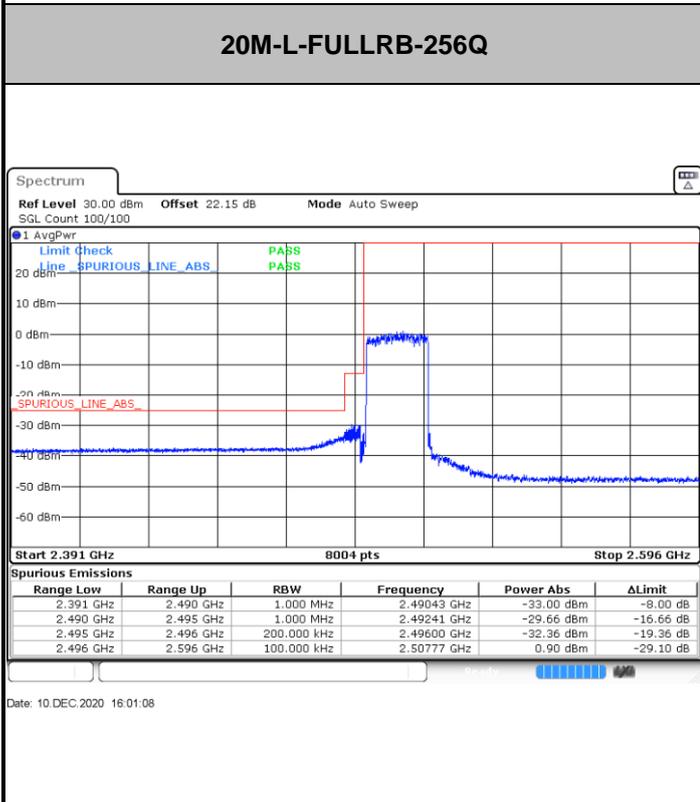
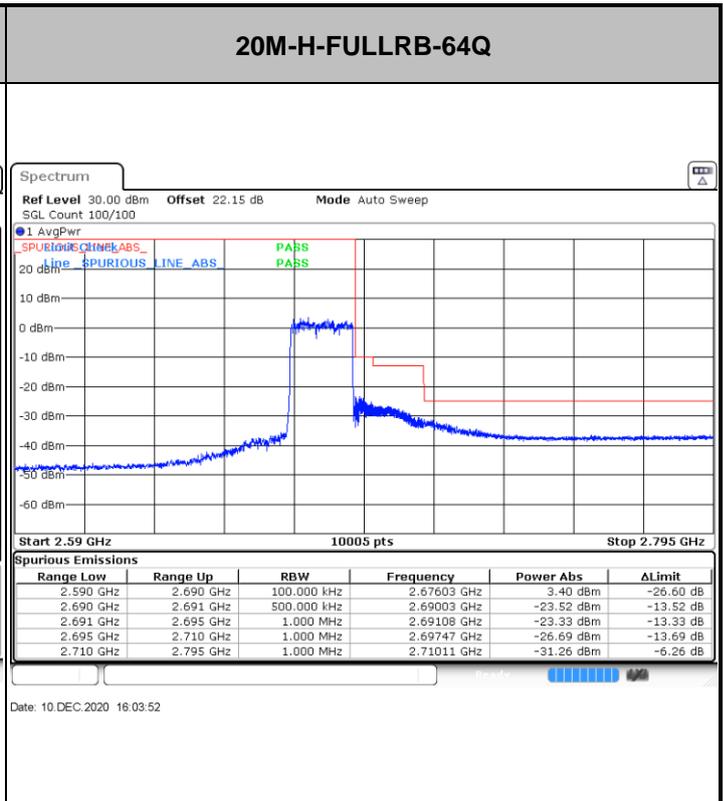
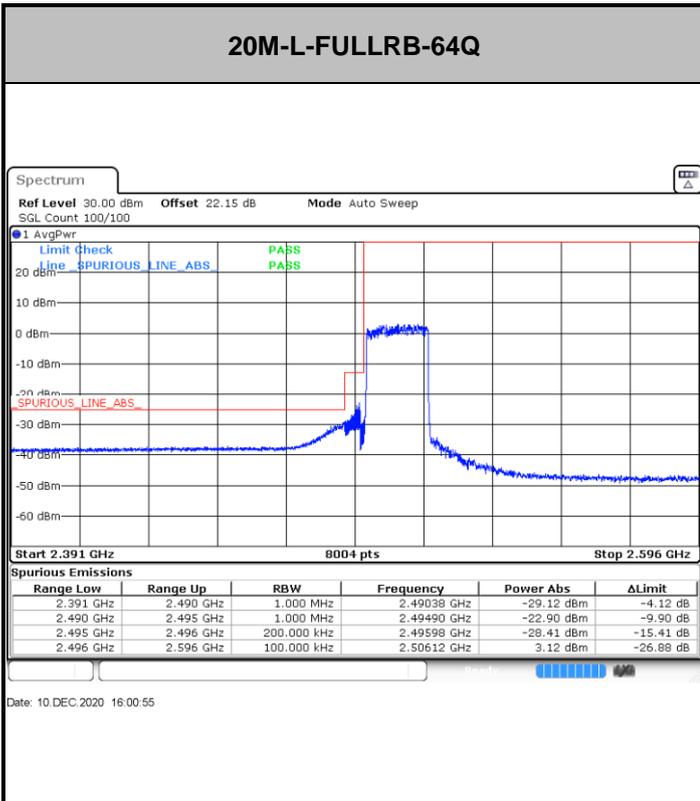


### 20M-H-1RBMAX-16Q







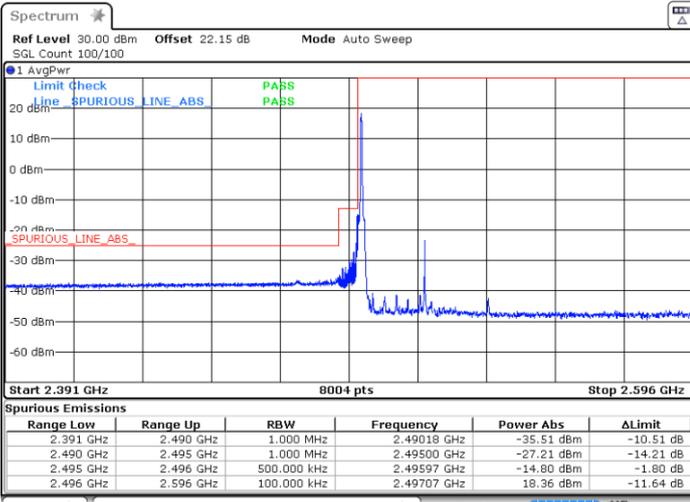




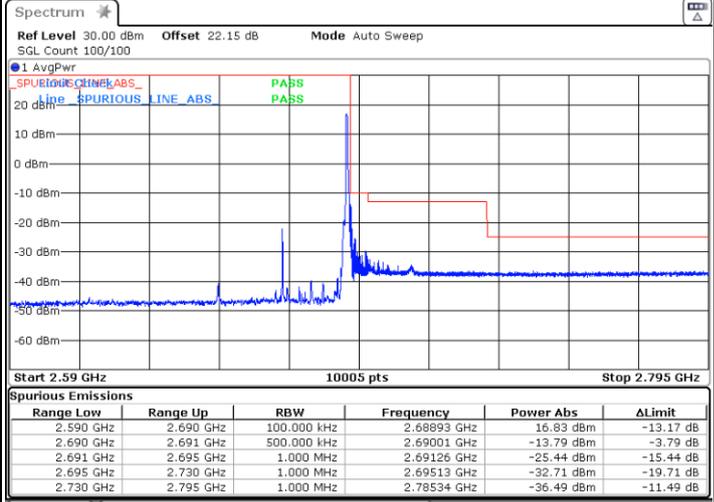
NR 40MHz

40M-L-1RB0-Q

40M-H-1RBMAX-Q



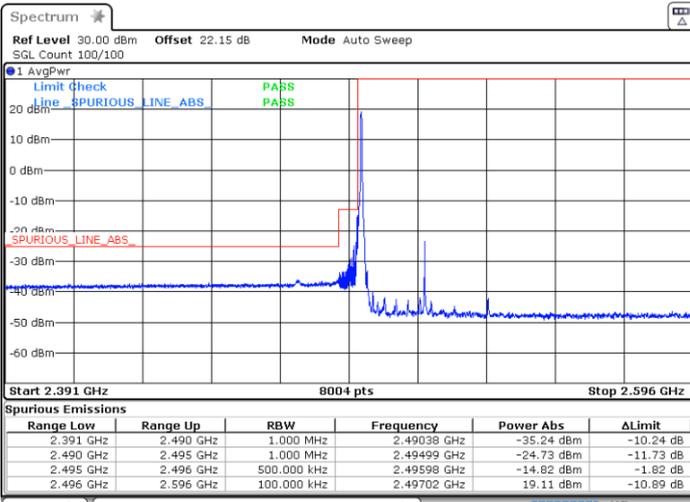
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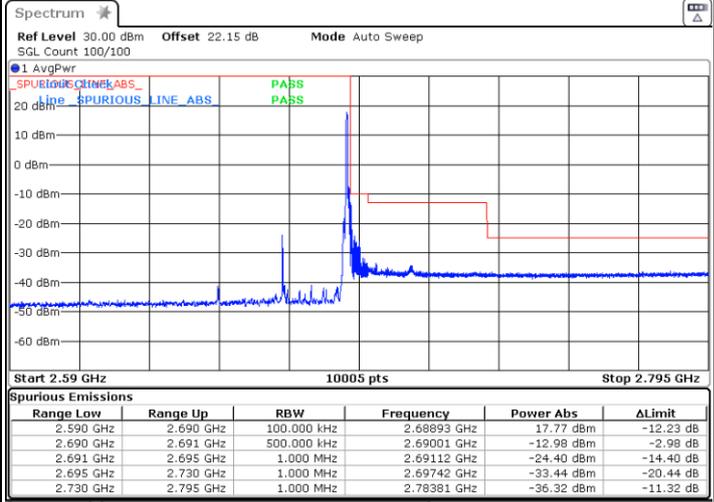
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40M-L-1RB0-16Q

40M-H-1RBMAX-16Q



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