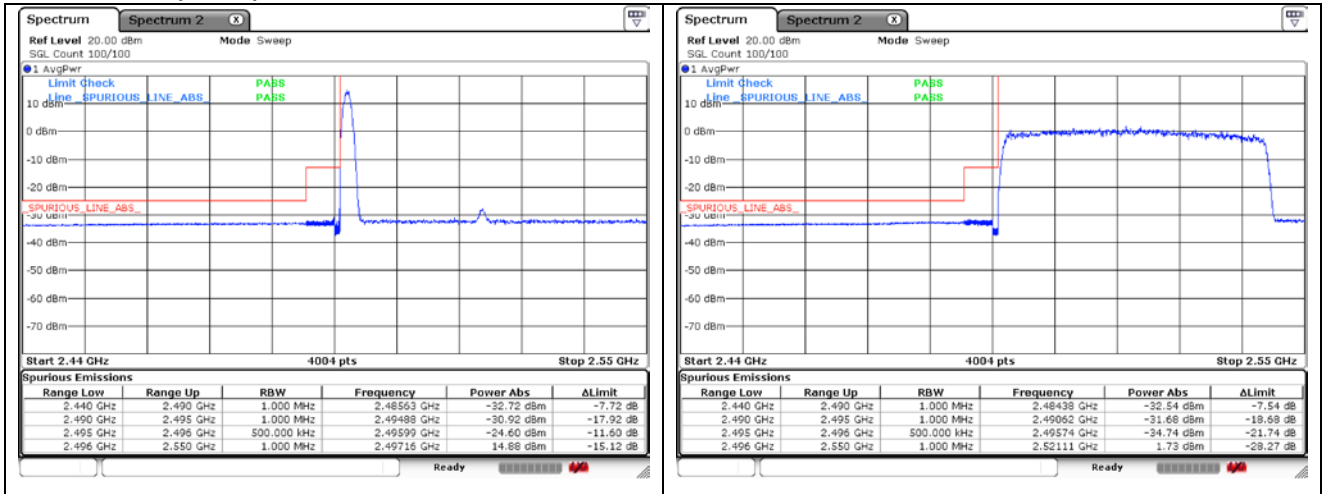
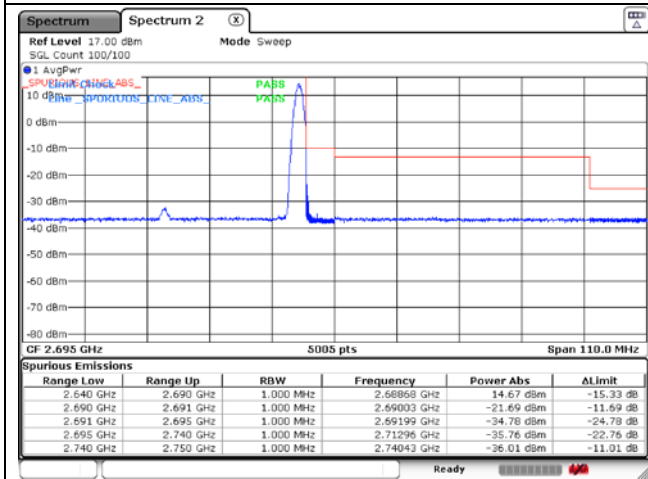


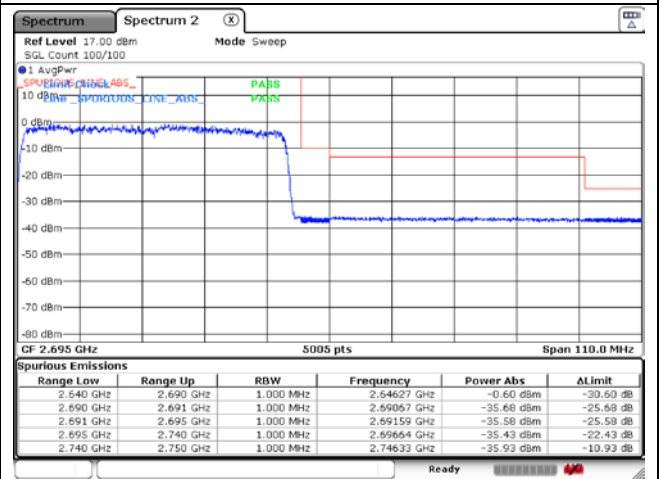
NR band 41 (50 MHz)



DFT-S-OFDM BPSK - Low Channel - 1 RB



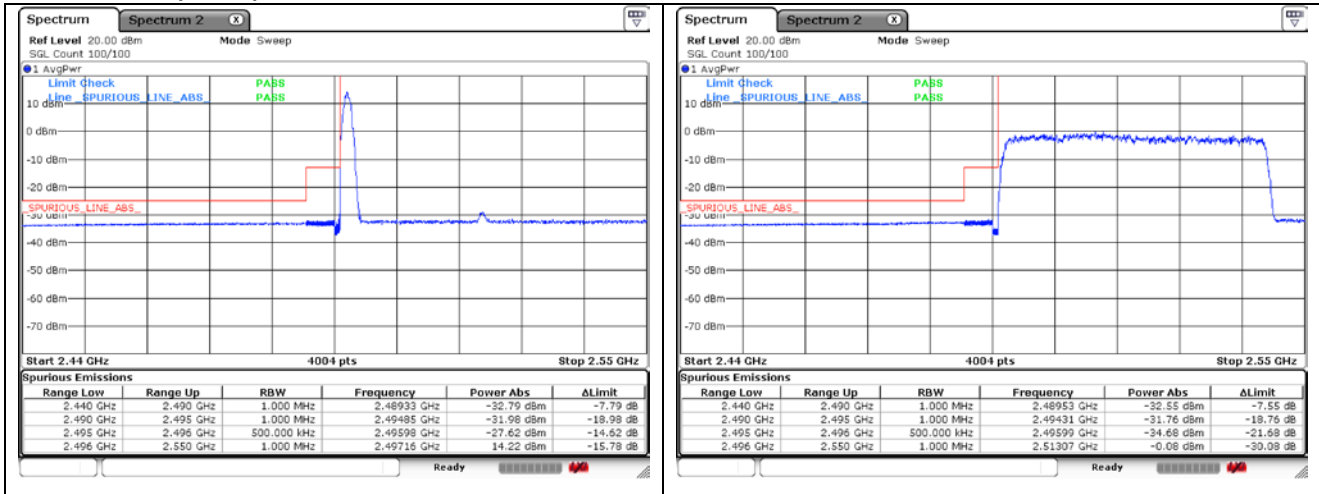
DFT-S-OFDM BPSK - Low Channel - Full RB



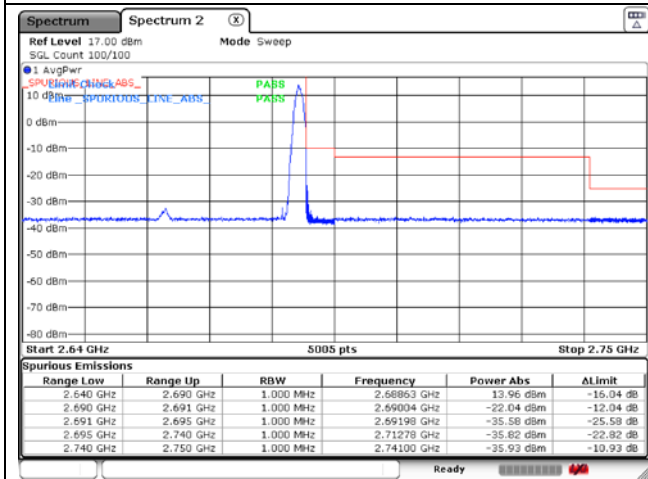
DFT-S-OFDM BPSK - High Channel - 1 RB

DFT-S-OFDM BPSK - High Channel - Full RB

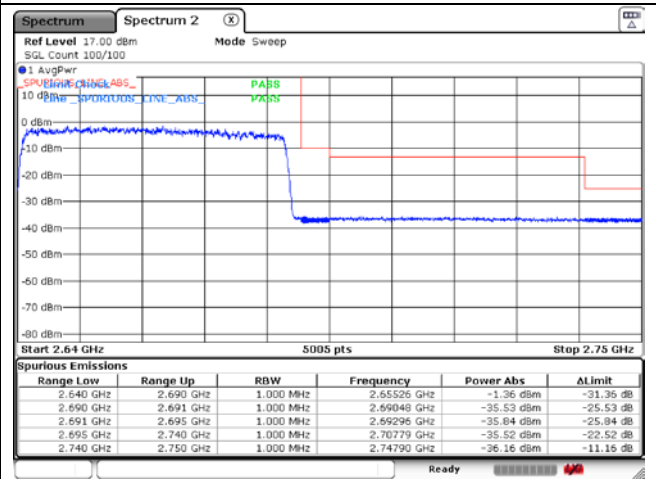
NR band 41 (50 MHz)



DFT-S-OFDM 16QAM - Low Channel - 1 RB



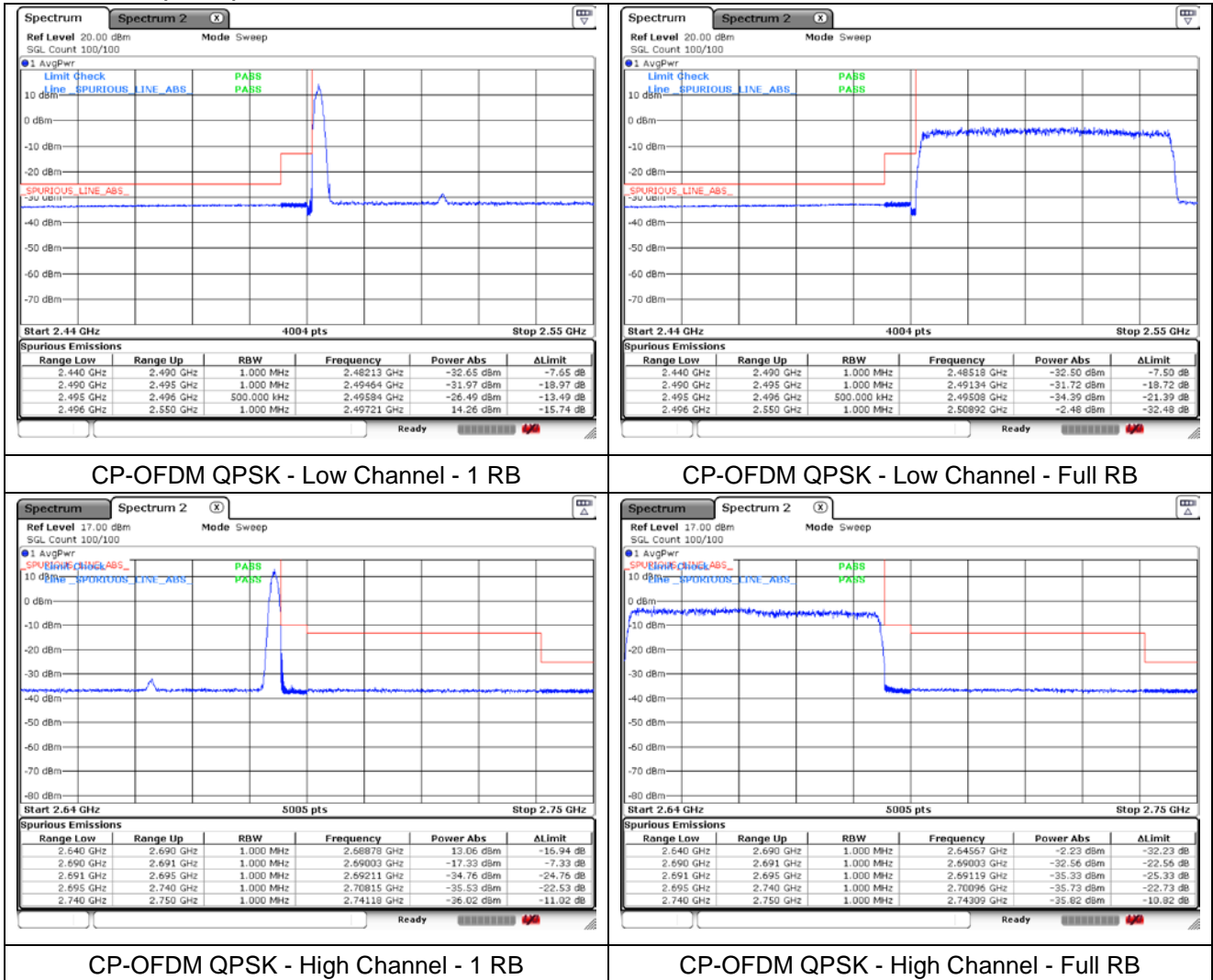
DFT-S-OFDM 16QAM - Low Channel - Full RB



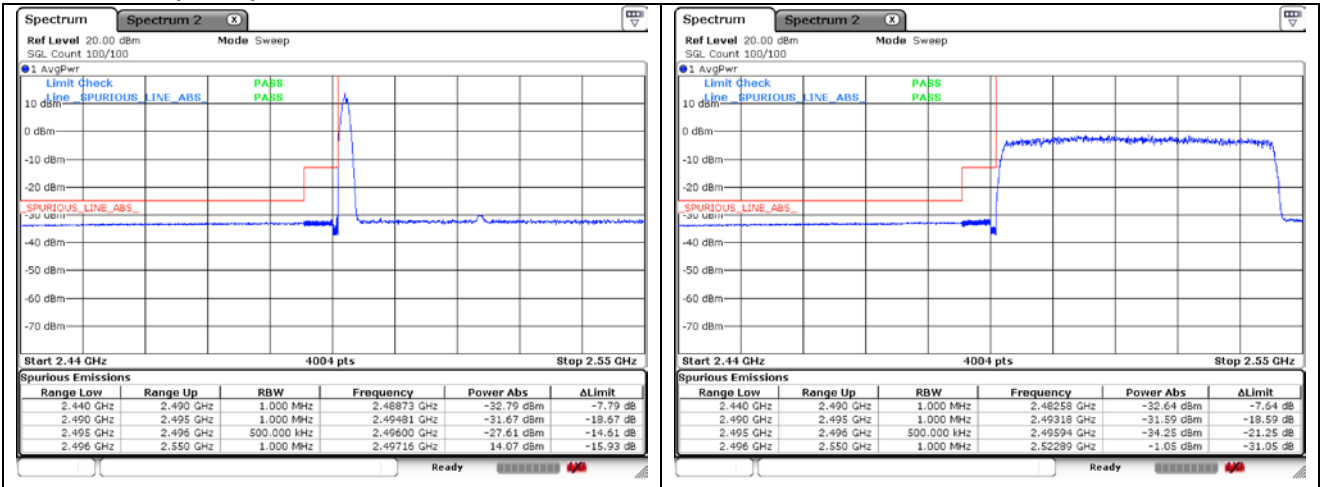
DFT-S-OFDM 16QAM - High Channel - 1 RB

DFT-S-OFDM 16QAM - High Channel - Full RB

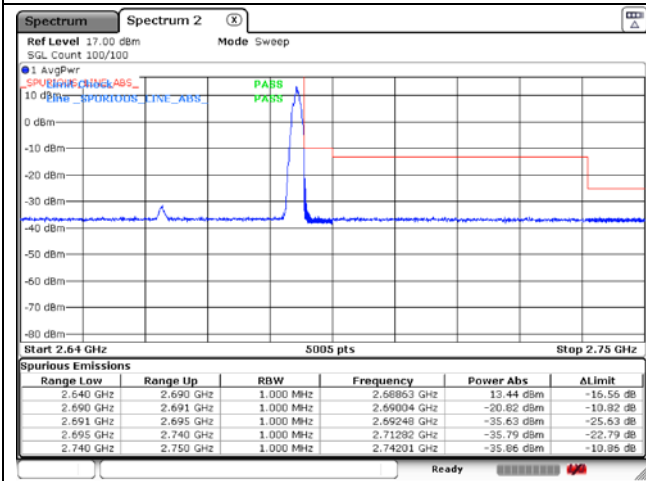
NR band 41 (50 MHz)



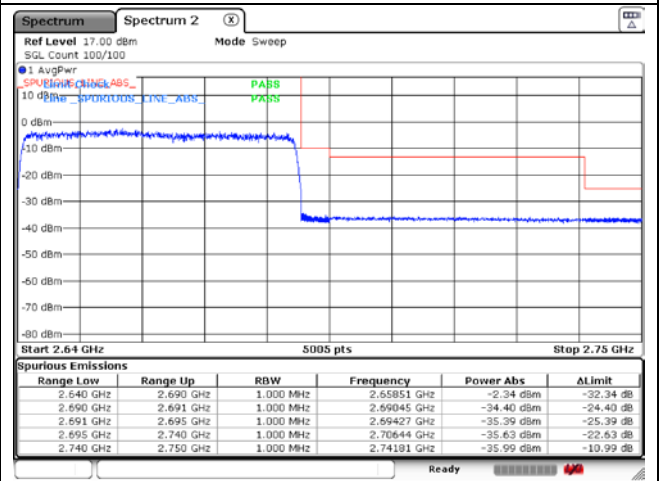
NR band 41 (50 MHz)



CP-OFDM 16QAM - Low Channel - 1 RB



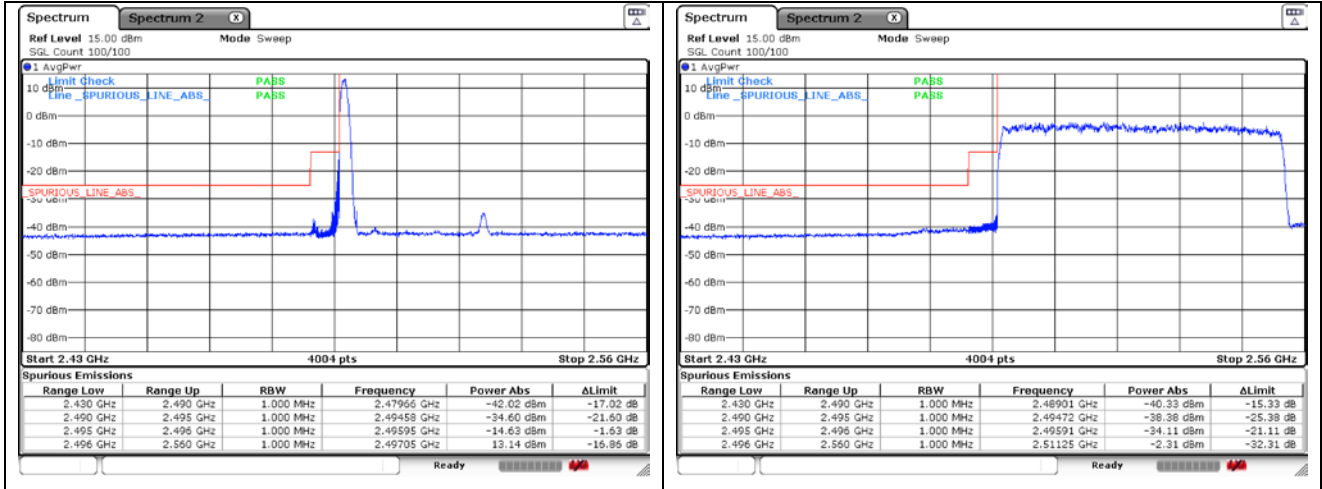
CP-OFDM 16QAM - Low Channel - Full RB



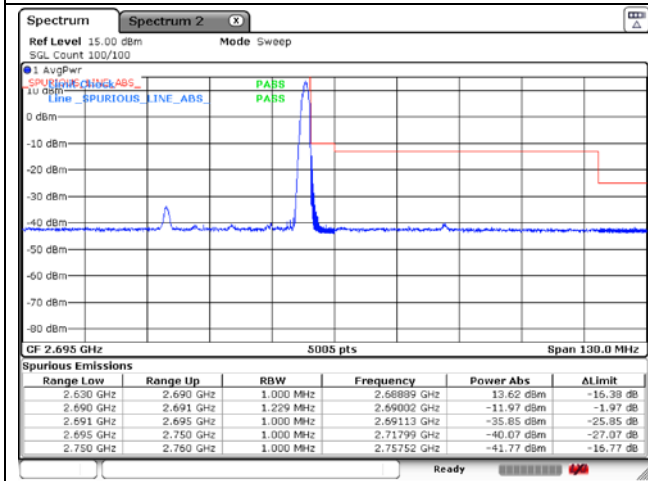
CP-OFDM 16QAM - High Channel - 1 RB

CP-OFDM 16QAM - High Channel - Full RB

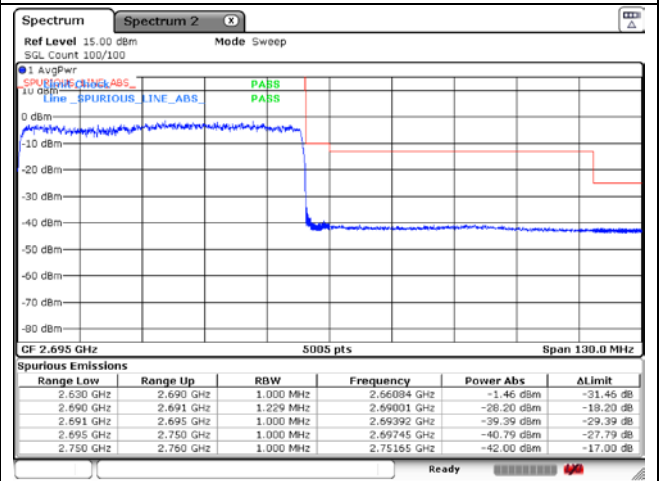
NR band 41 (60 MHz)



DFT-S-OFDM BPSK - Low Channel - 1 RB



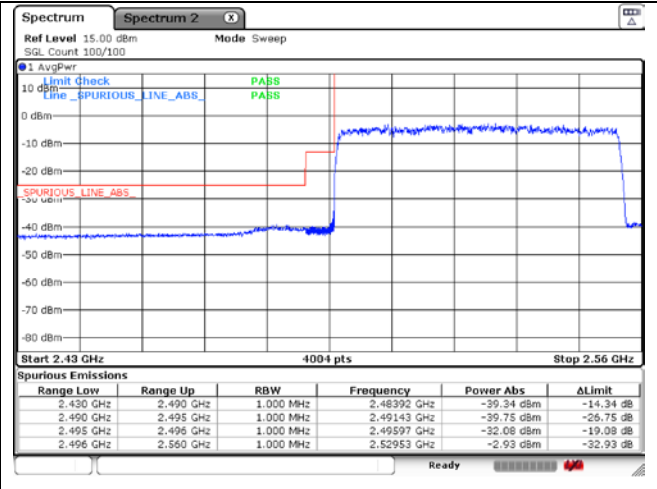
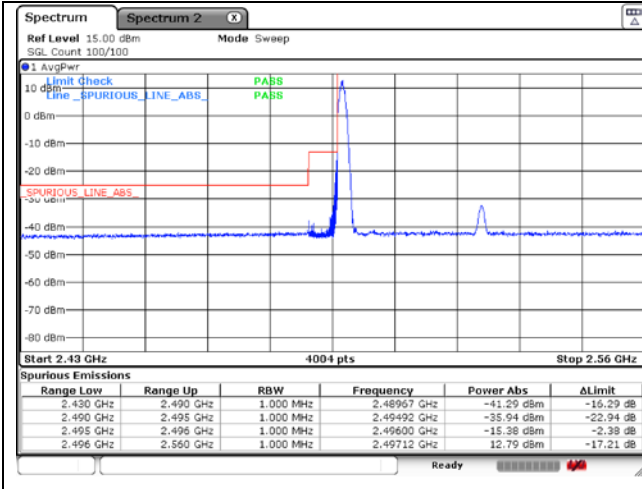
DFT-S-OFDM BPSK - Low Channel - Full RB



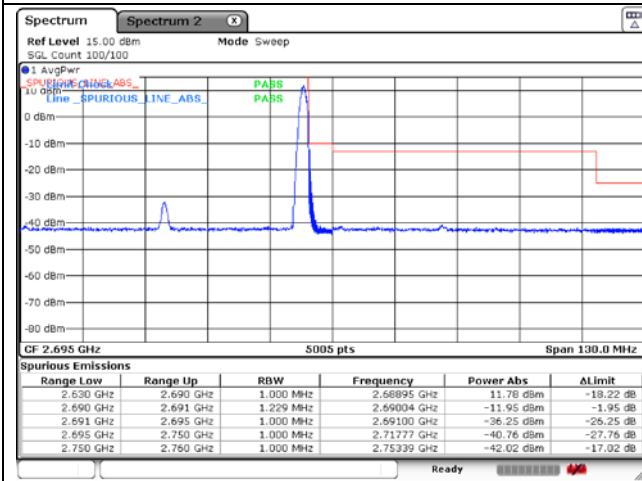
DFT-S-OFDM BPSK - High Channel - 1 RB

DFT-S-OFDM BPSK - High Channel - Full RB

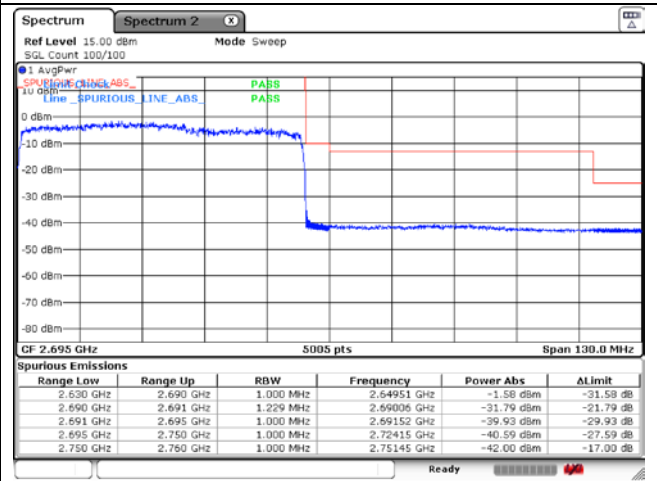
NR band 41 (60 MHz)



DFT-S-OFDM 16QAM - Low Channel - 1 RB



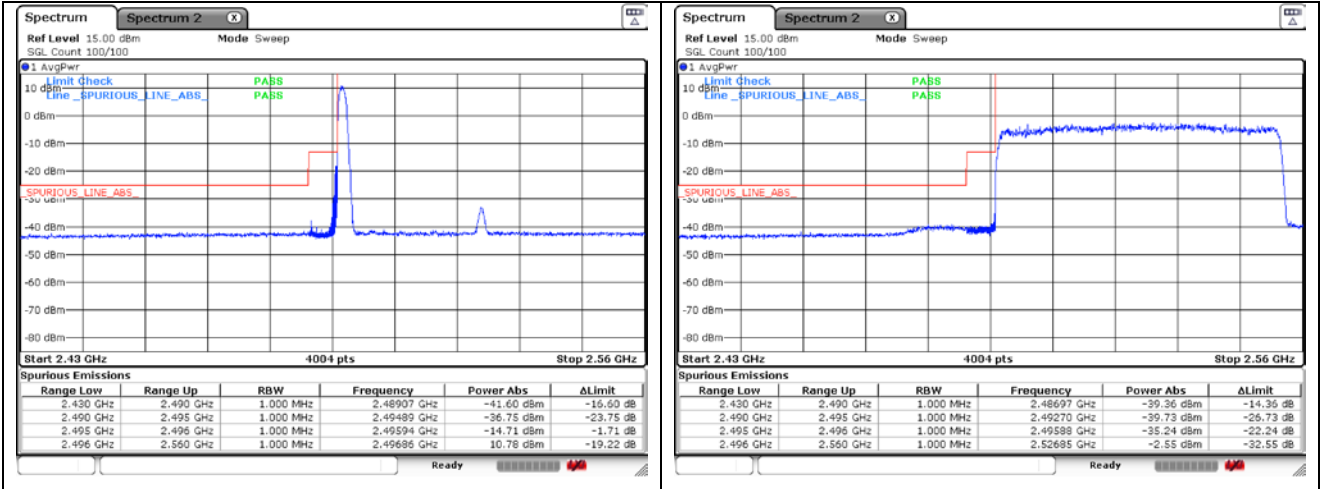
DFT-S-OFDM 16QAM - Low Channel - Full RB



DFT-S-OFDM 16QAM - High Channel - 1 RB

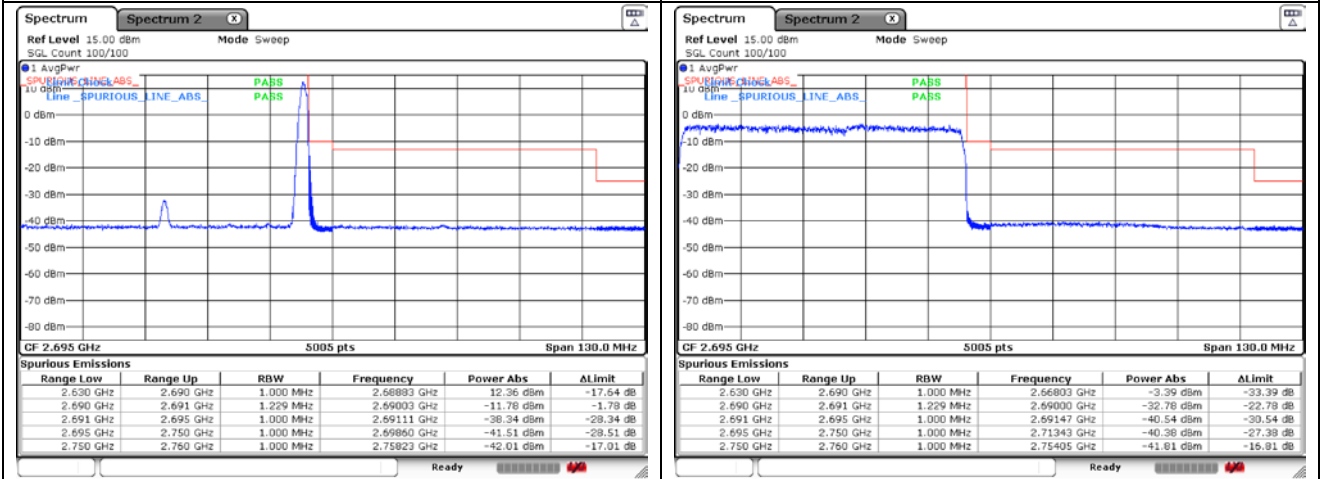
DFT-S-OFDM 16QAM - High Channel - Full RB

NR band 41 (60 MHz)



CP-OFDM QPSK - Low Channel - 1 RB

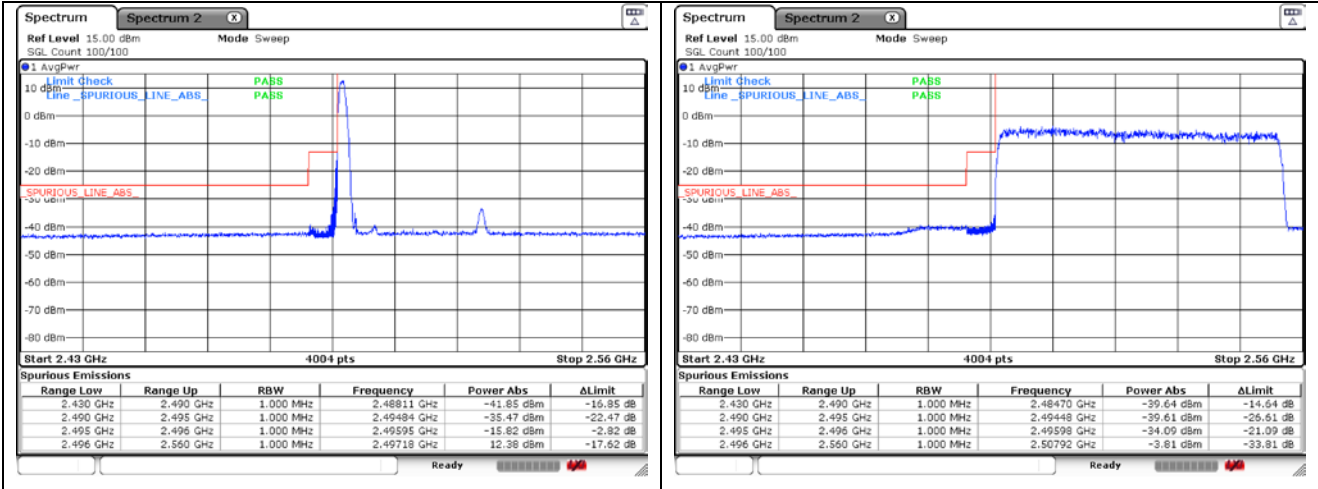
CP-OFDM QPSK - Low Channel - Full RB



CP-OFDM QPSK - High Channel - 1 RB

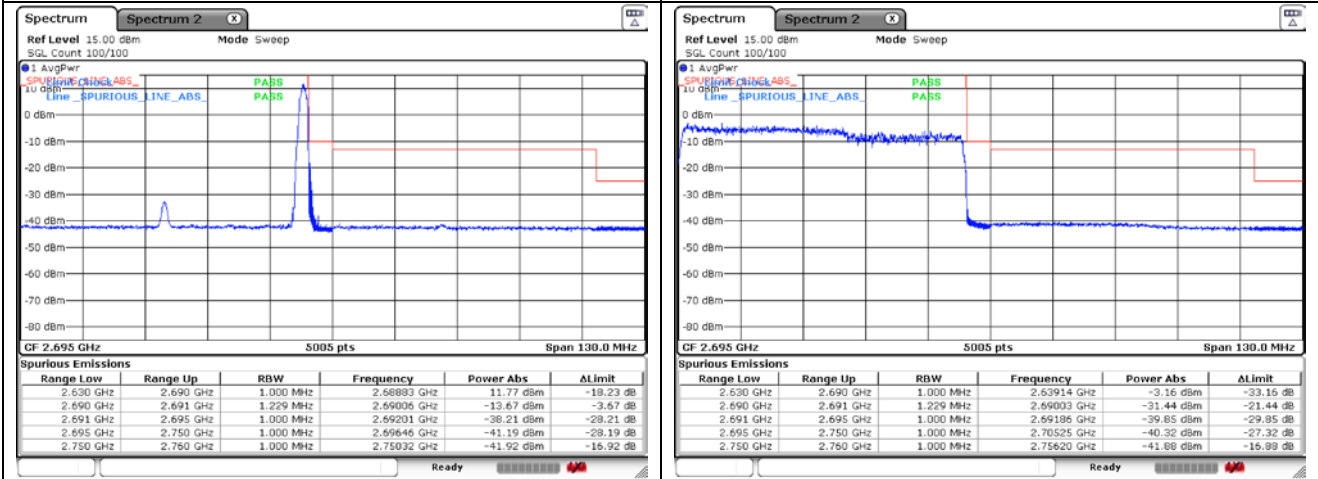
CP-OFDM QPSK - High Channel - Full RB

NR band 41 (60 MHz)



CP-OFDM 16QAM - Low Channel - 1 RB

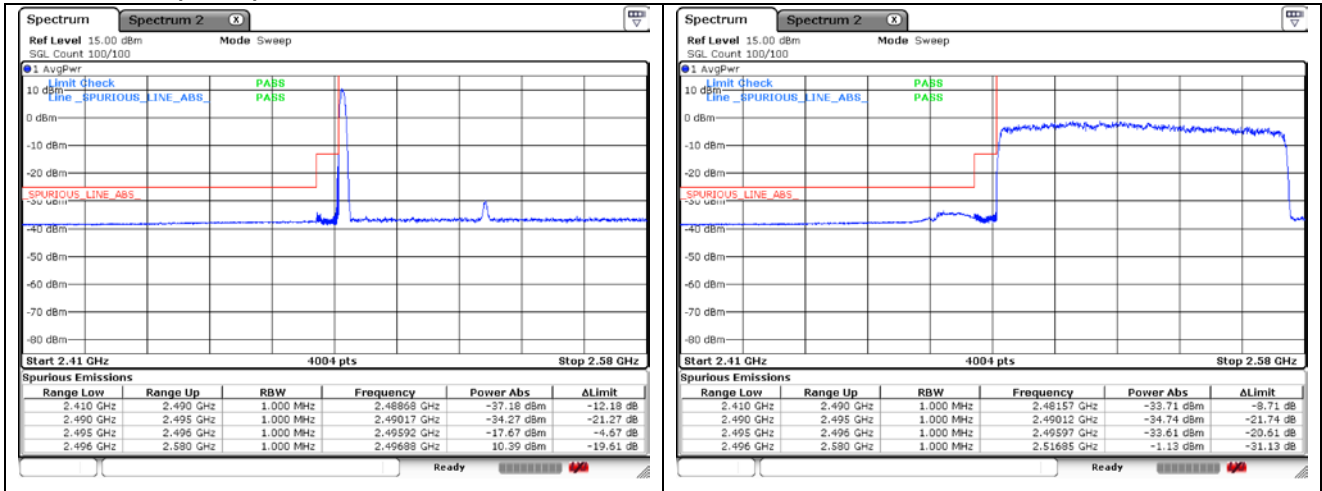
CP-OFDM 16QAM - Low Channel - Full RB



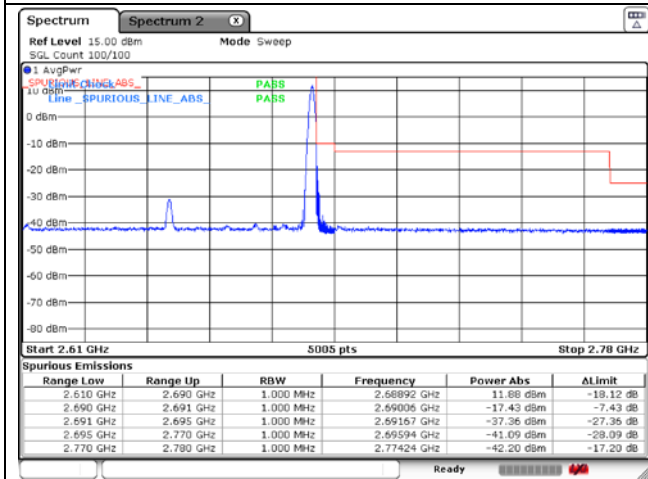
CP-OFDM 16QAM - High Channel - 1 RB

CP-OFDM 16QAM - High Channel - Full RB

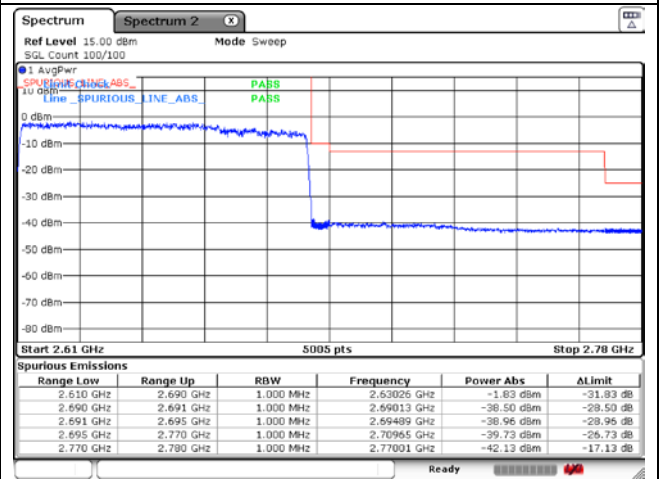
NR band 41 (80 MHz)



DFT-S-OFDM QPSK - Low Channel - 1 RB



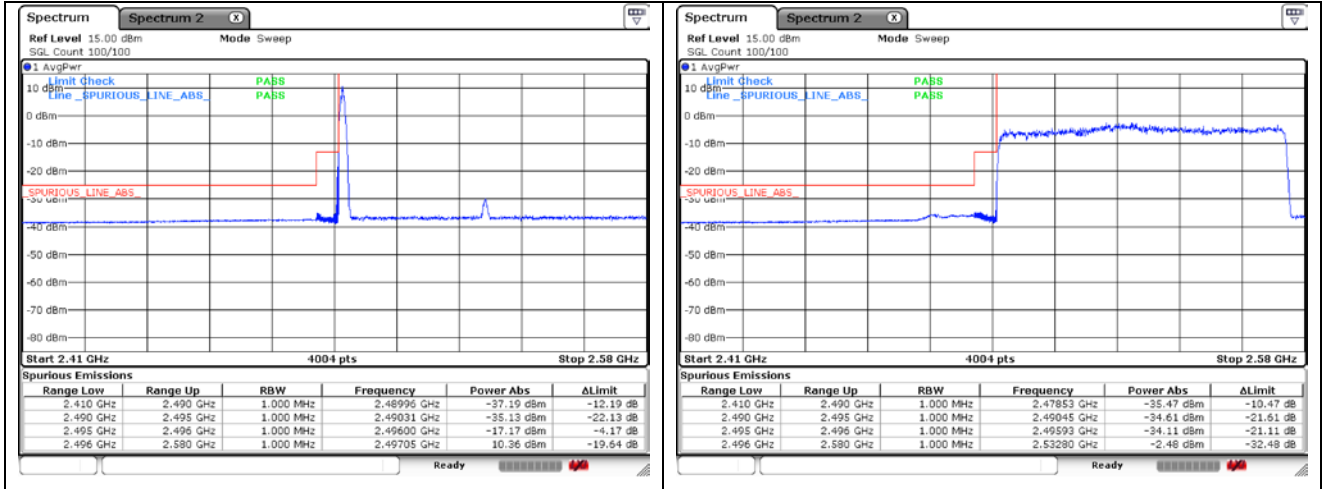
DFT-S-OFDM QPSK - Low Channel - Full RB



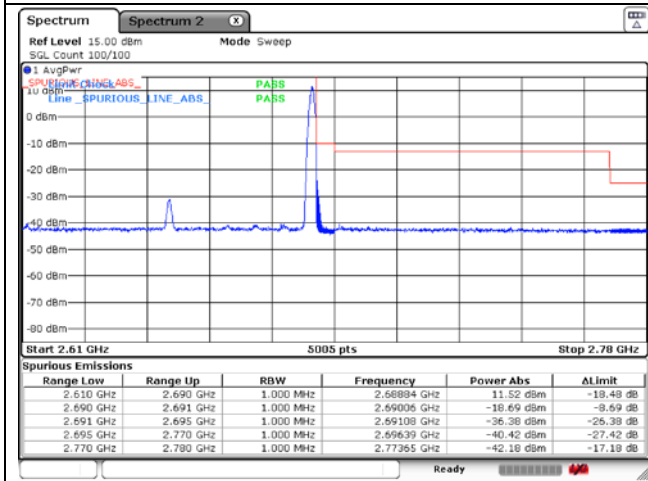
DFT-S-OFDM QPSK - High Channel - 1 RB

DFT-S-OFDM QPSK - High Channel - Full RB

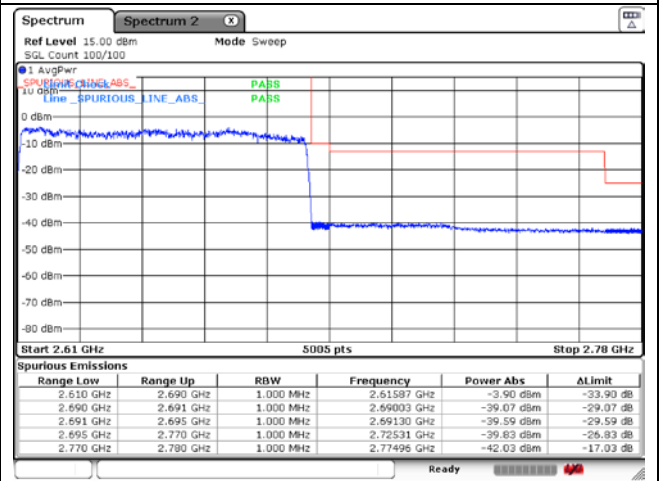
NR band 41 (80 MHz)



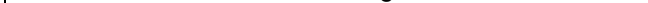
DFT-S-OFDM 16QAM - Low Channel - 1 RB



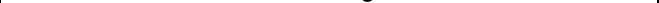
DFT-S-OFDM 16QAM - Low Channel - Full RB



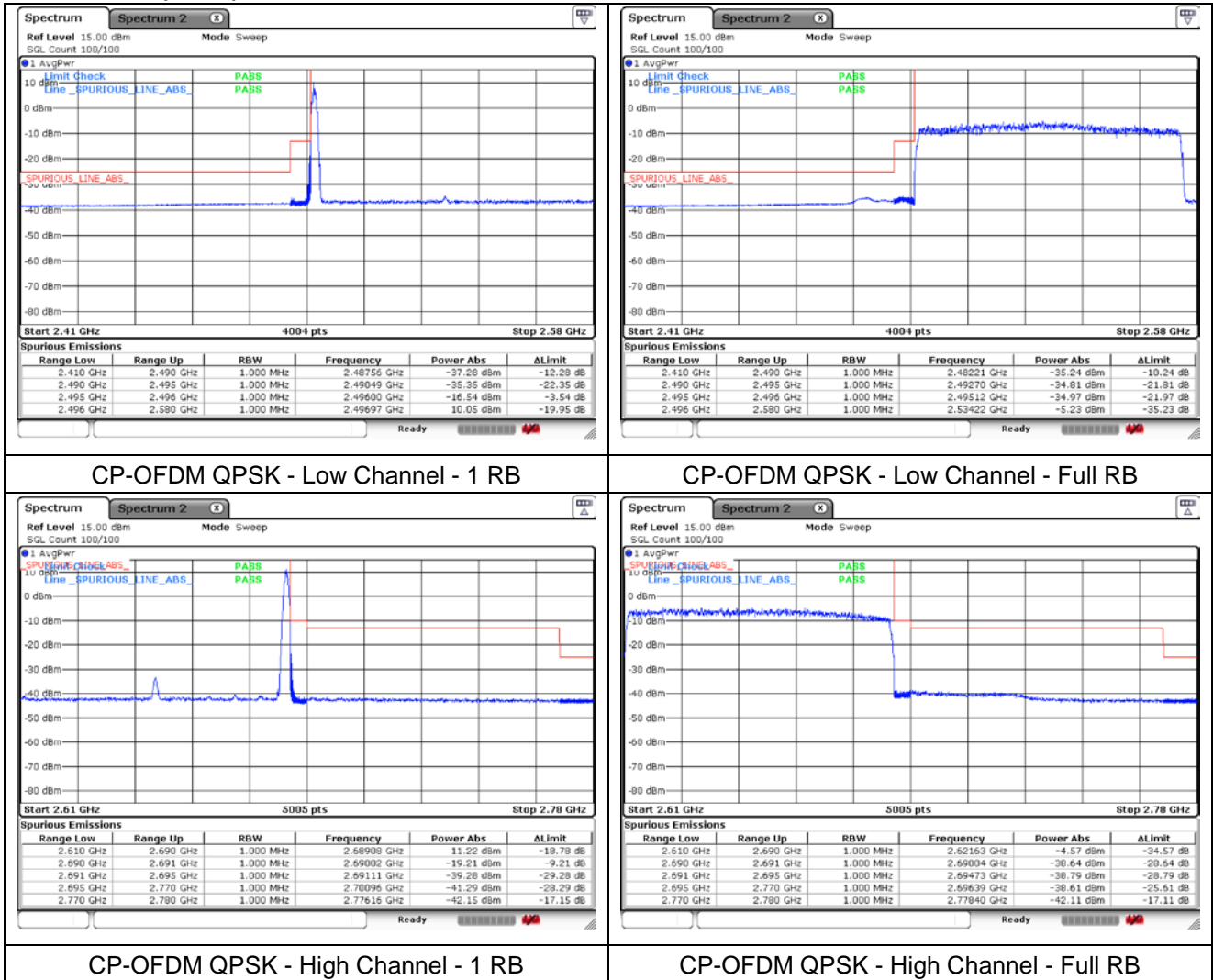
DFT-S-OFDM 16QAM - High Channel - 1 RB



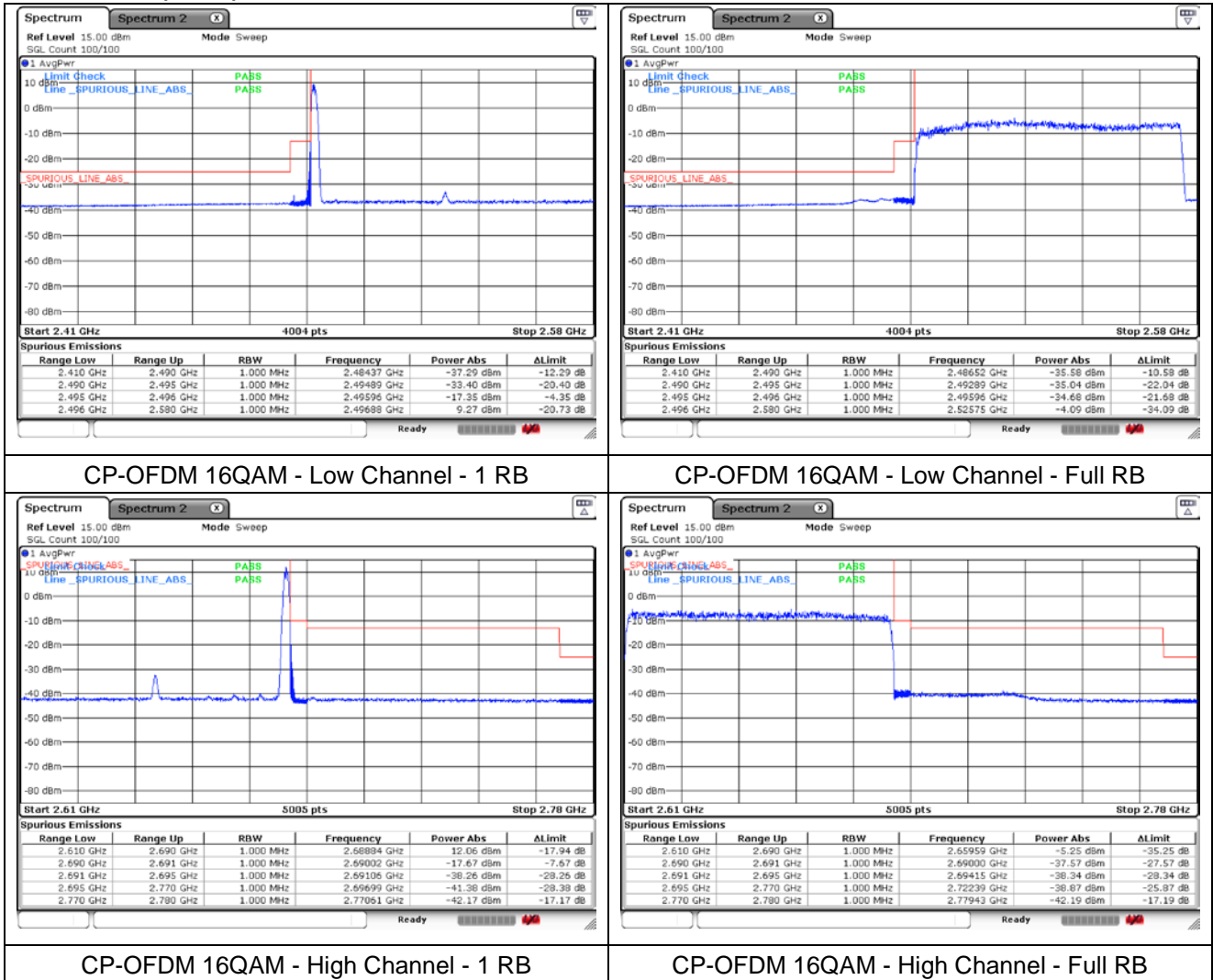
DFT-S-OFDM 16QAM - High Channel - Full RB



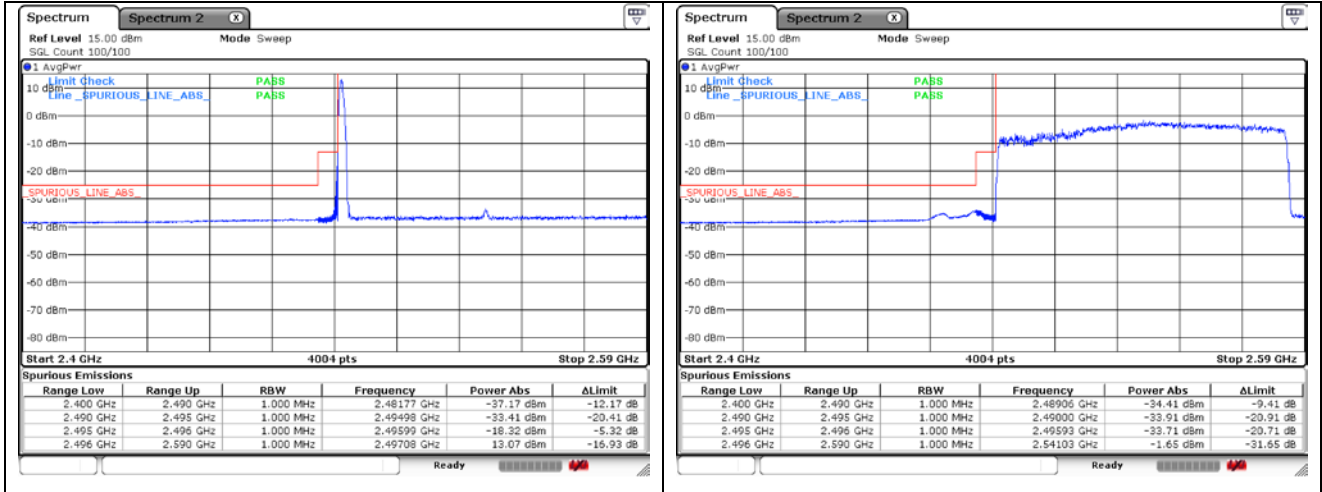
NR band 41 (80 MHz)



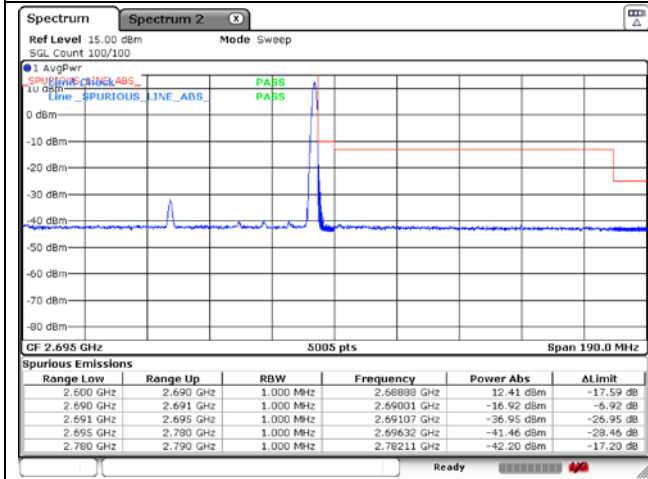
NR band 41 (80 MHz)



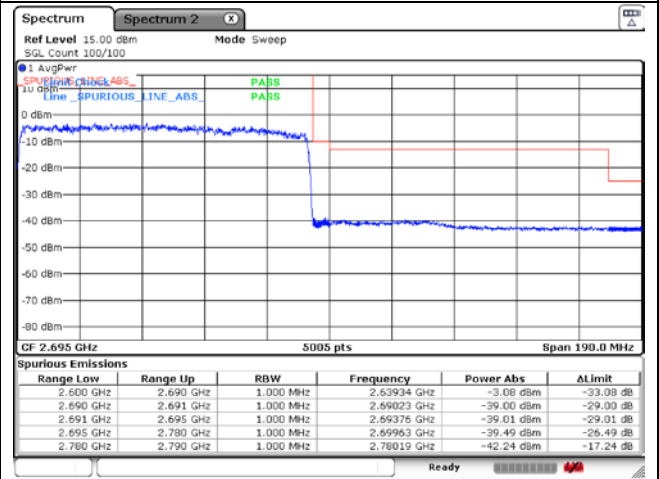
NR band 41 (90 MHz)



DFT-S-OFDM QPSK - Low Channel - 1 RB



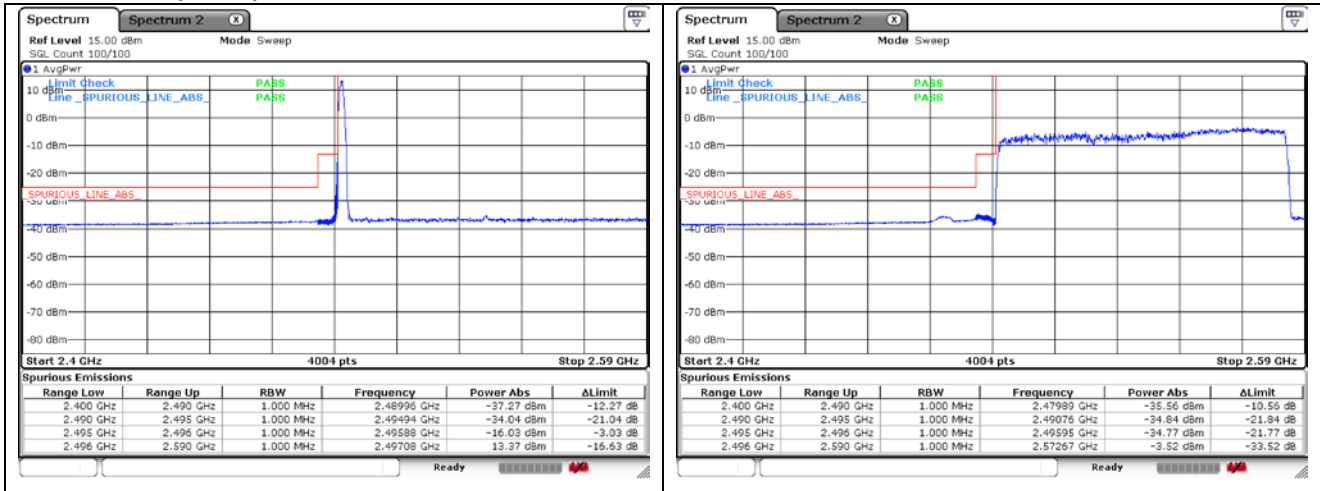
DFT-S-OFDM QPSK - Low Channel - Full RB



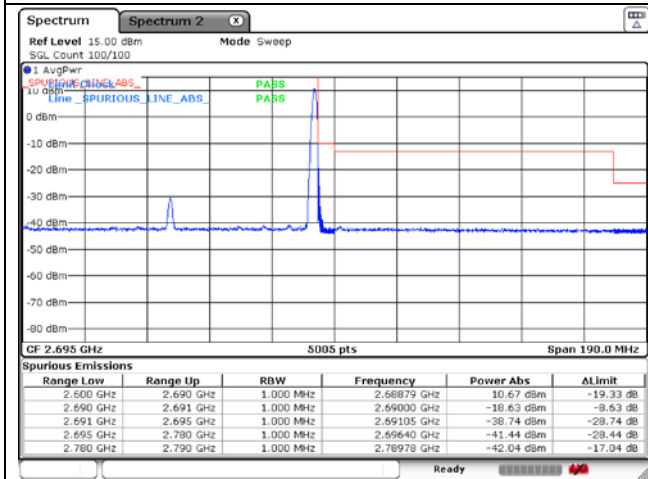
DFT-S-OFDM QPSK - High Channel - 1 RB

DFT-S-OFDM QPSK - High Channel - Full RB

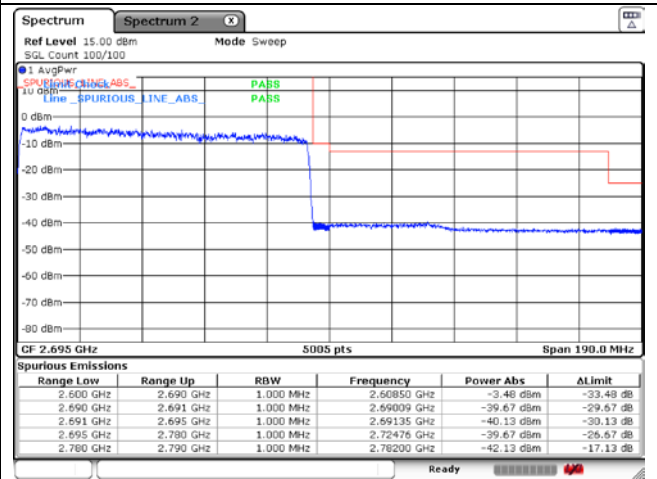
NR band 41 (90 MHz)



DFT-S-OFDM 16QAM - Low Channel - 1 RB



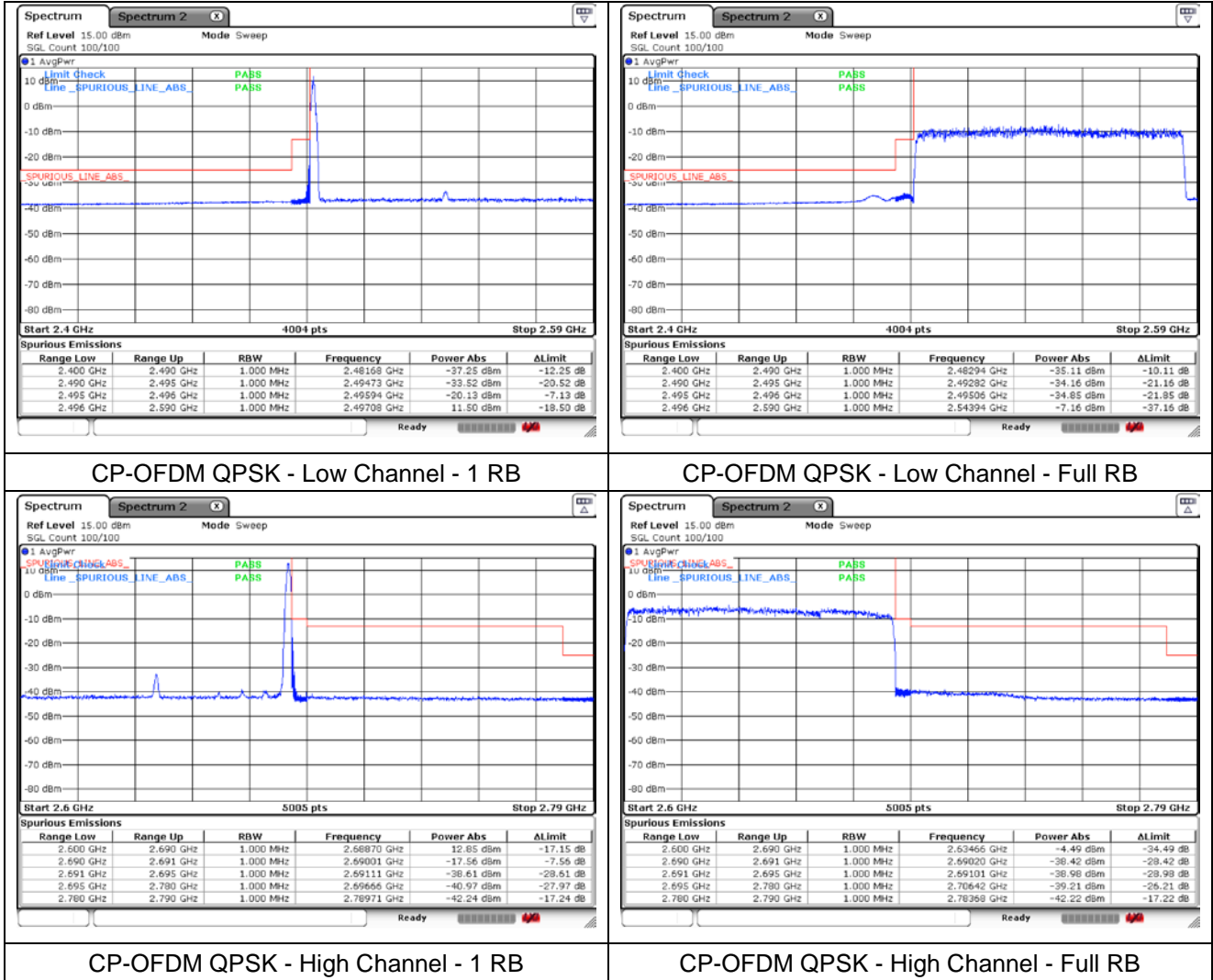
DFT-S-OFDM 16QAM - Low Channel - Full RB



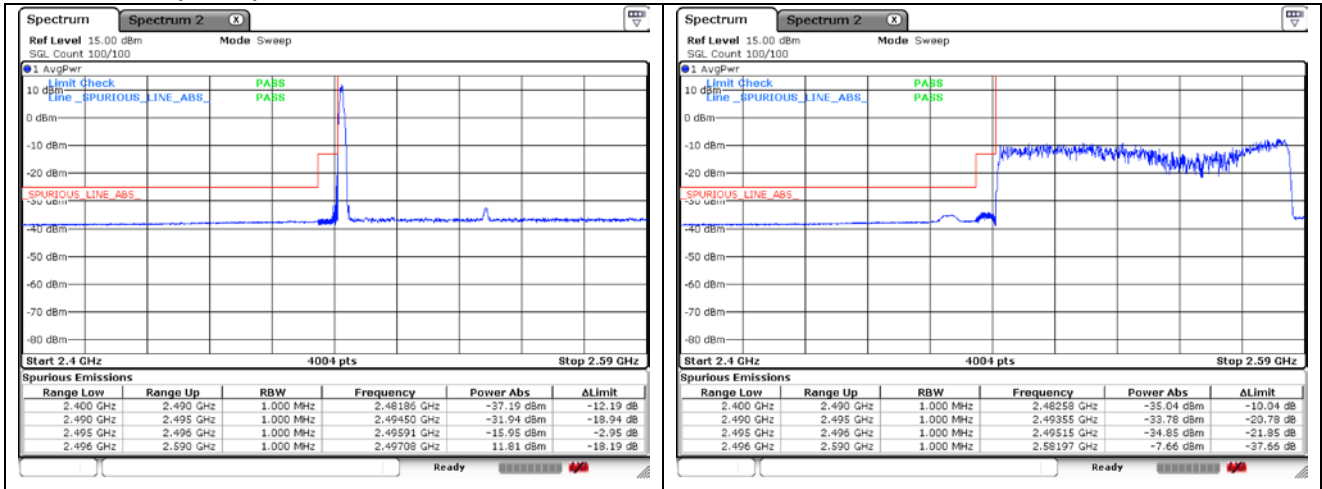
DFT-S-OFDM 16QAM - High Channel - 1 RB

DFT-S-OFDM 16QAM - High Channel - Full RB

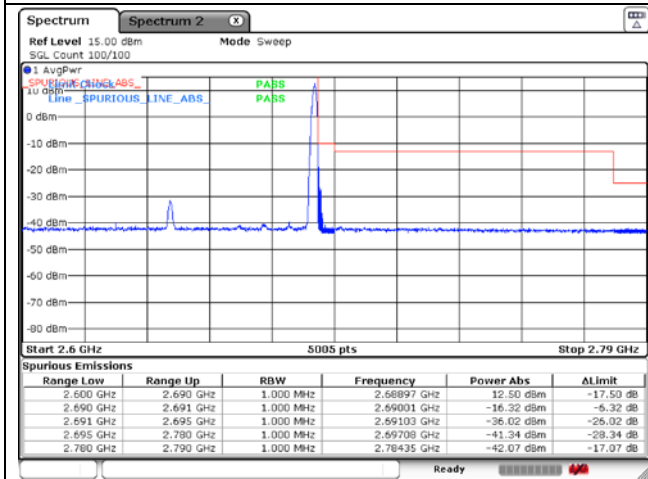
NR band 41 (90 MHz)



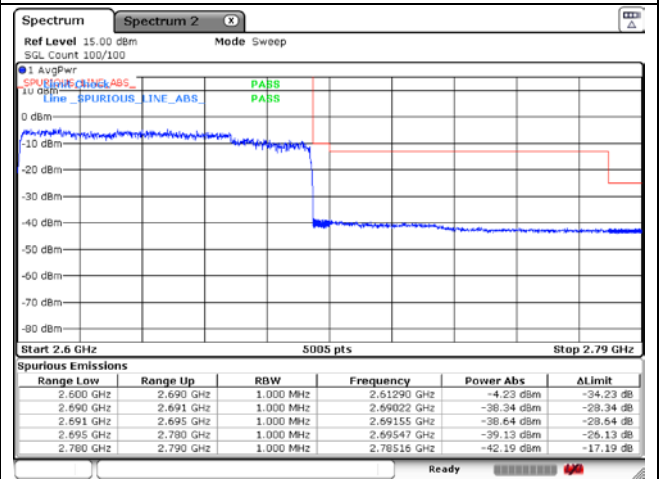
NR band 41 (90 MHz)



CP-OFDM 16QAM - Low Channel - 1 RB



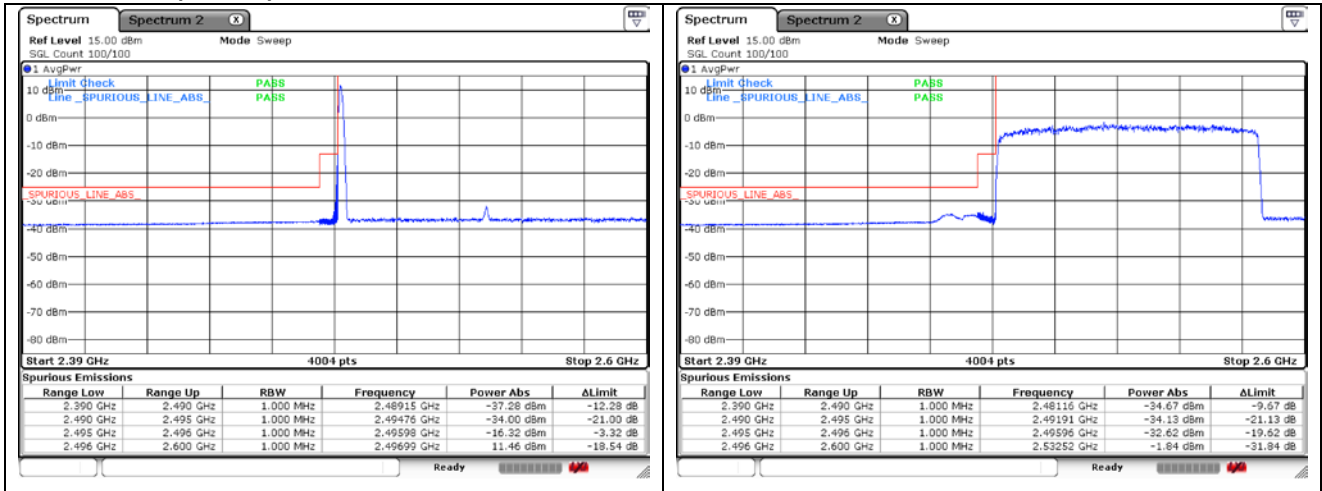
CP-OFDM 16QAM - Low Channel - Full RB



CP-OFDM 16QAM - High Channel - 1 RB

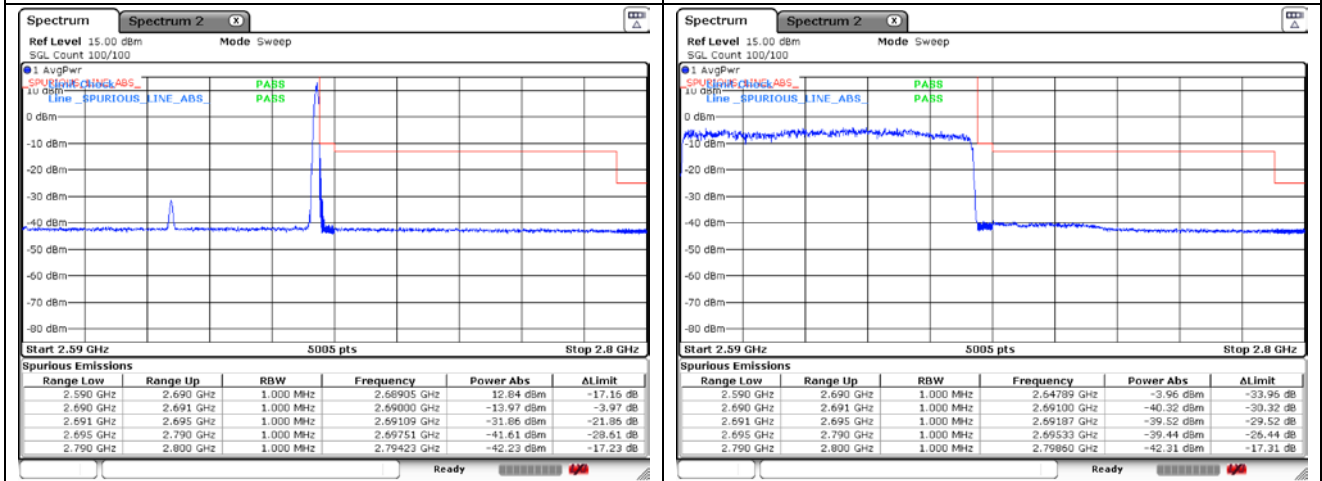
CP-OFDM 16QAM - High Channel - Full RB

NR band 41 (100 MHz)



DFT-S-OFDM QPSK - Low Channel - 1 RB

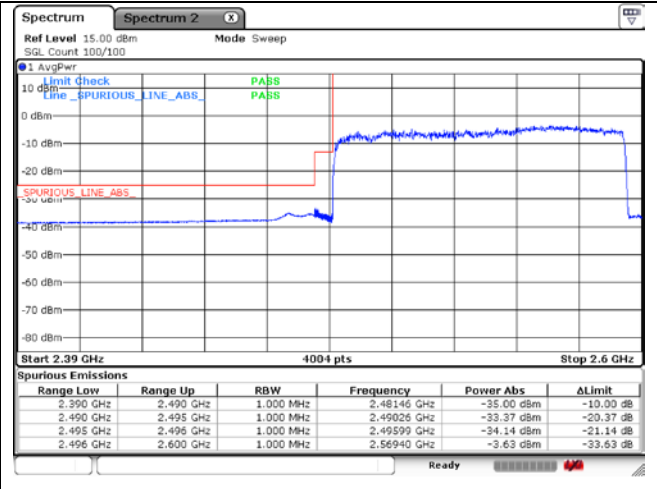
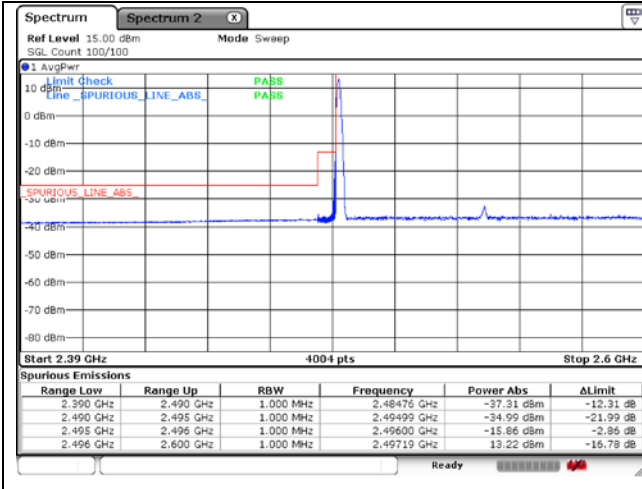
DFT-S-OFDM QPSK - Low Channel - Full RB



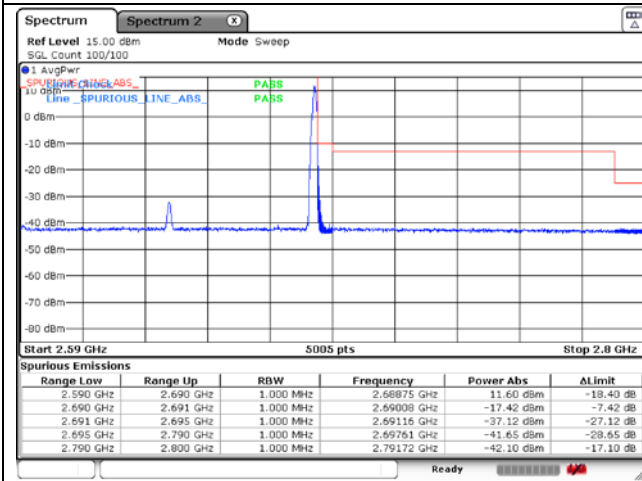
DFT-S-OFDM QPSK - High Channel - 1 RB

DFT-S-OFDM QPSK - High Channel - Full RB

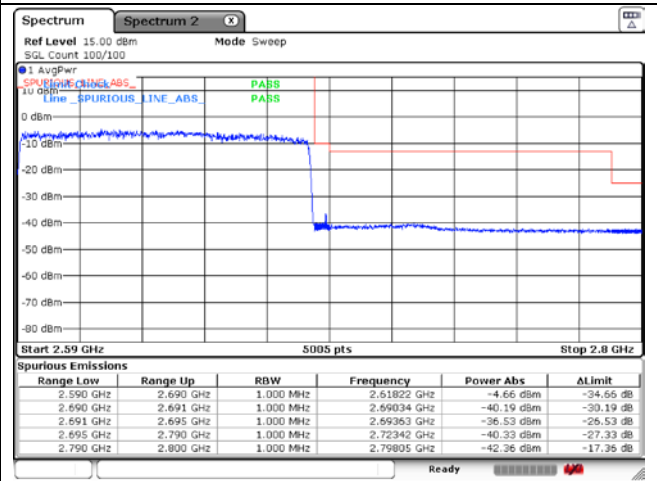
NR band 41 (100 MHz)



DFT-S-OFDM 16QAM - Low Channel - 1 RB



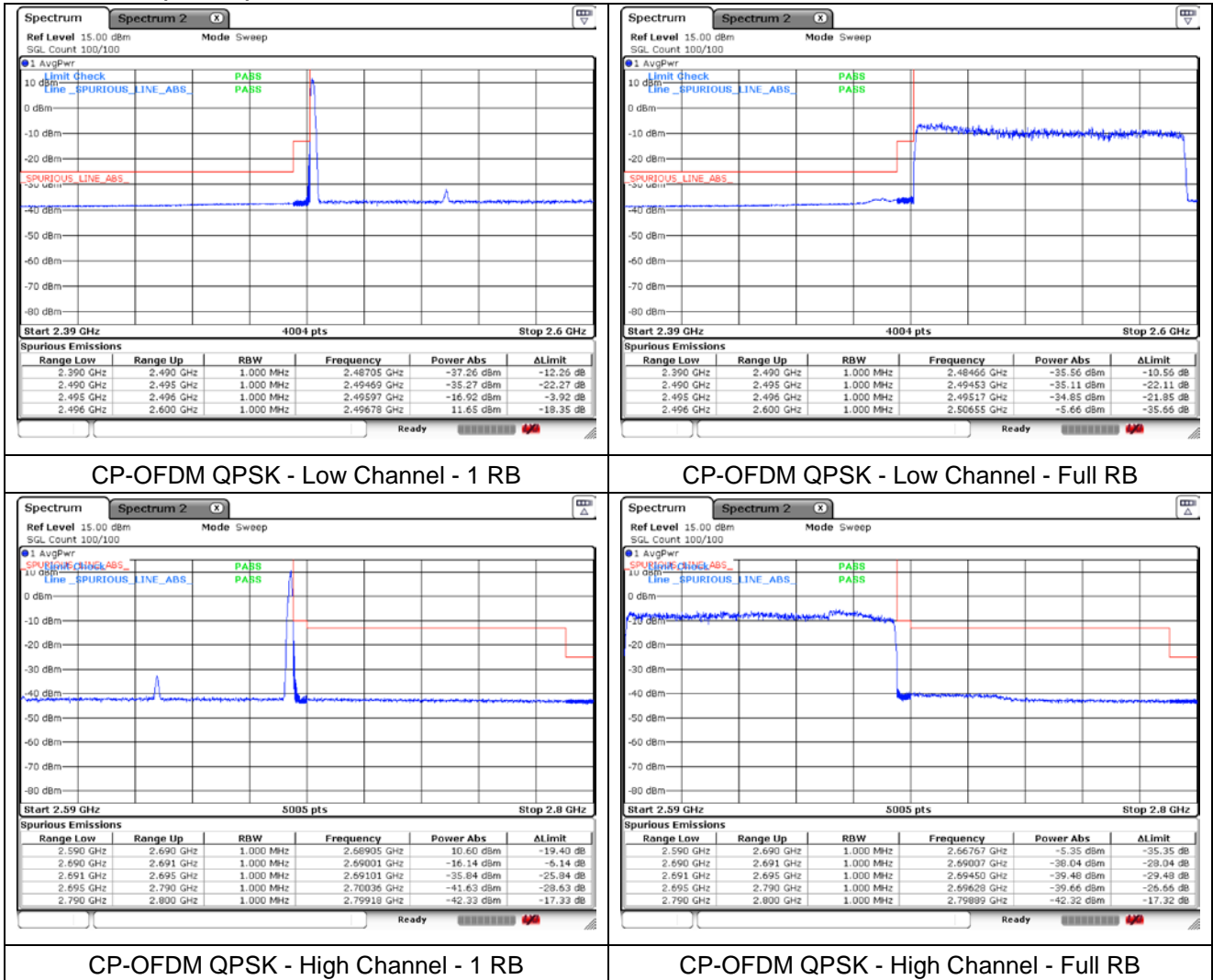
DFT-S-OFDM 16QAM - Low Channel - Full RB



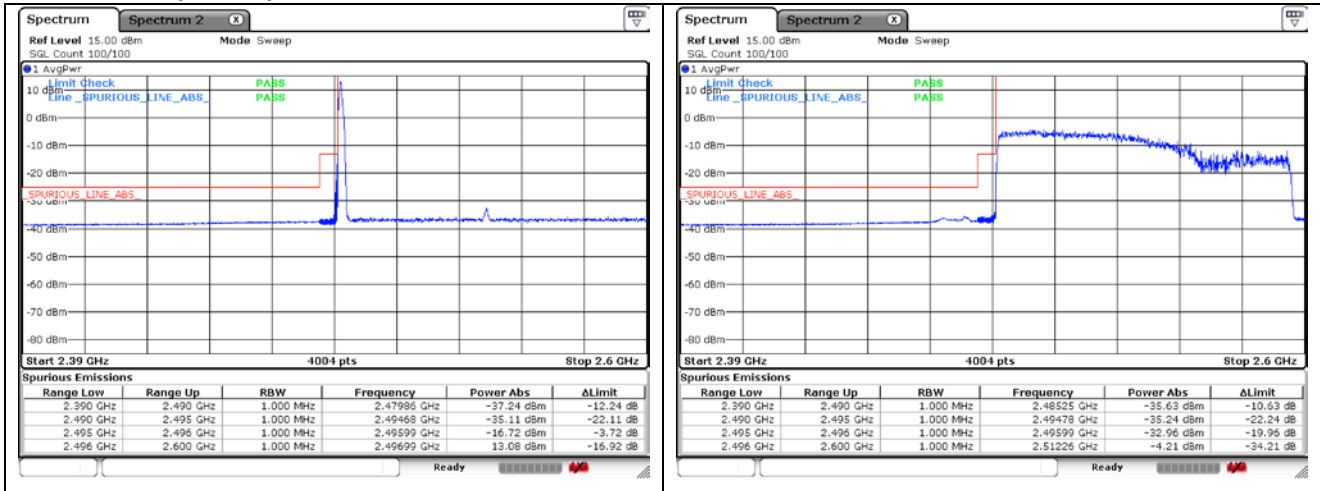
DFT-S-OFDM 16QAM - High Channel - 1 RB

DFT-S-OFDM 16QAM - High Channel - Full RB

NR band 41 (100 MHz)

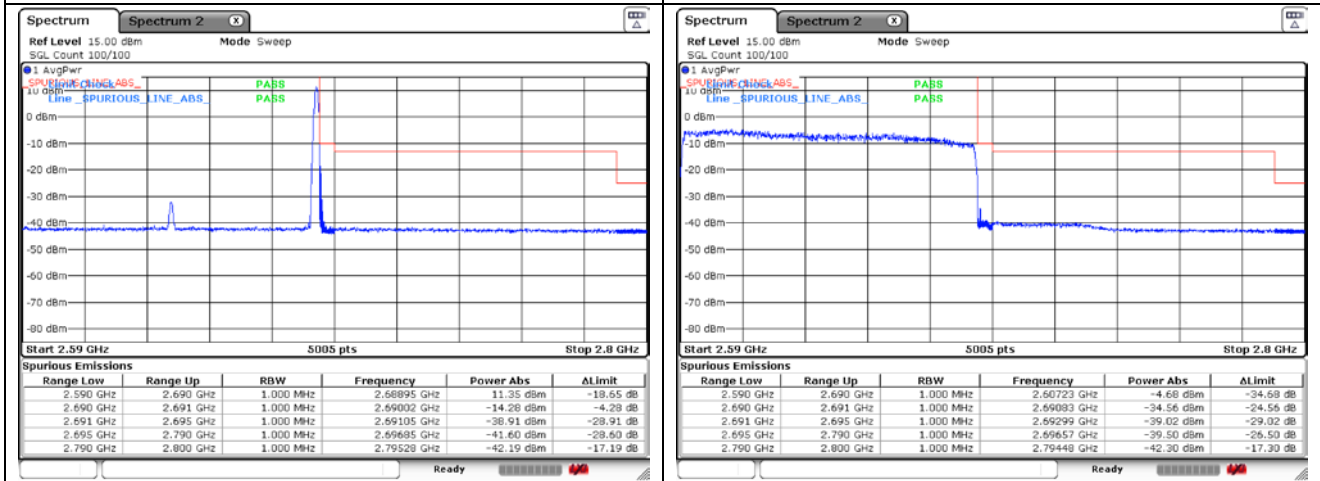


NR band 41 (100 MHz)



CP-OFDM 16QAM - Low Channel - 1 RB

CP-OFDM 16QAM - Low Channel - Full RB



CP-OFDM 16QAM - High Channel - 1 RB

CP-OFDM 16QAM - High Channel - Full RB

8. Frequency Stability

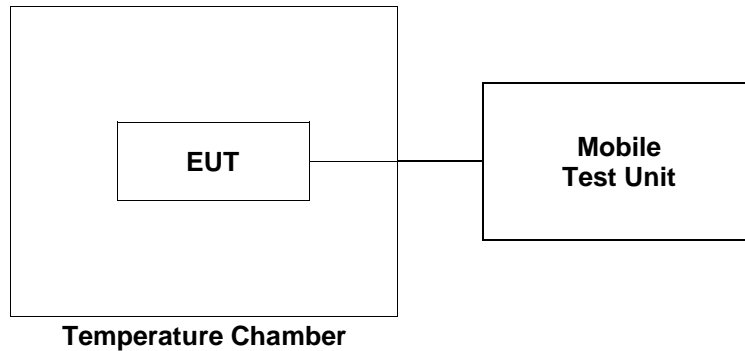
8.1. Limit

- § 2.1055 (a), § 2.1055 (d) & following:

- §27.54, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

8.2. Test Procedure

1. Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to a Mobile Test Unit via feed-through attenuators.
2. The EUT was placed inside the temperature chamber.
3. After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from Mobile Test Unit.



8.3. Test Results

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

SIM 1

NR band 41 at middle channel

Reference Frequency: 2 592.99 MHz			
Frequency Stability versus Temperature			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
50	12.5	1.03	-0.001 52
40		-4.58	-0.003 68
30		-14.97	-0.007 69
20(Ref.)		4.96	-
10		-10.11	-0.005 81
0		-10.73	-0.006 05
-10		-2.51	-0.002 88
-20		-7.13	-0.004 66
-30		-7.83	-0.004 93
Frequency Stability versus Power Supply			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
20	10.63 (85%)	2.62	-0.000 90
	14.38 (115%)	-7.24	-0.004 70

SIM 2

NR band 41 at middle channel

Reference Frequency: 2 592.99 MHz			
Frequency Stability versus Temperature			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
50	12.5	-5.31	0.001 84
40		11.59	0.008 36
30		12.22	0.008 60
20(Ref.)		-10.09	-
10		-13.93	-0.001 48
0		-9.46	0.000 24
-10		11.78	0.008 43
-20		2.07	0.004 69
-30		-2.72	0.002 84
Frequency Stability versus Power Supply			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
20	10.63 (85%)	-4.03	0.002 34
	14.38 (115%)	3.36	0.005 19

- End of the Test Report -