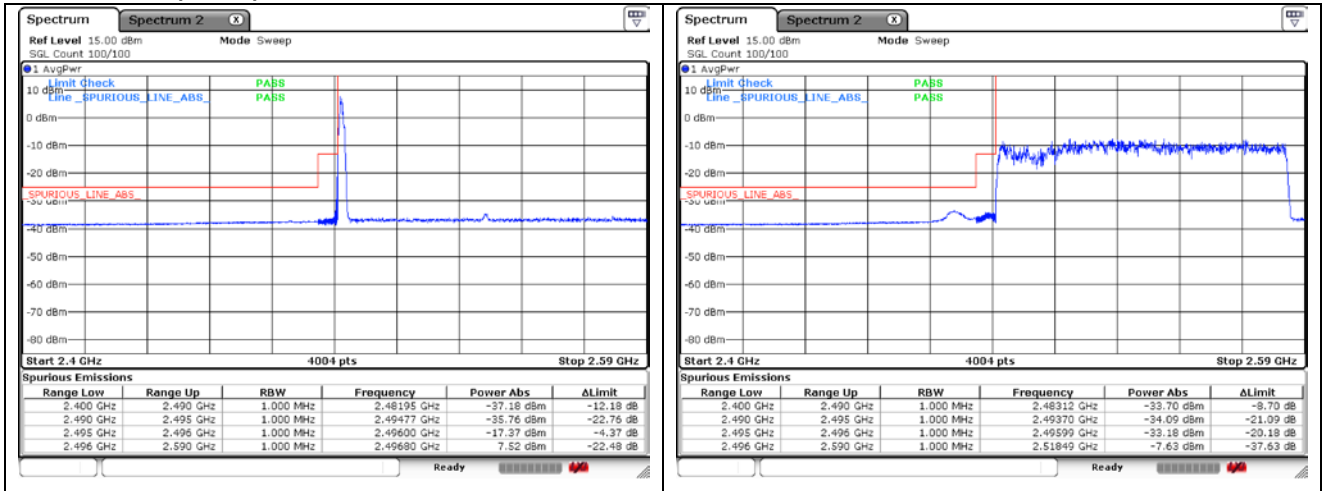
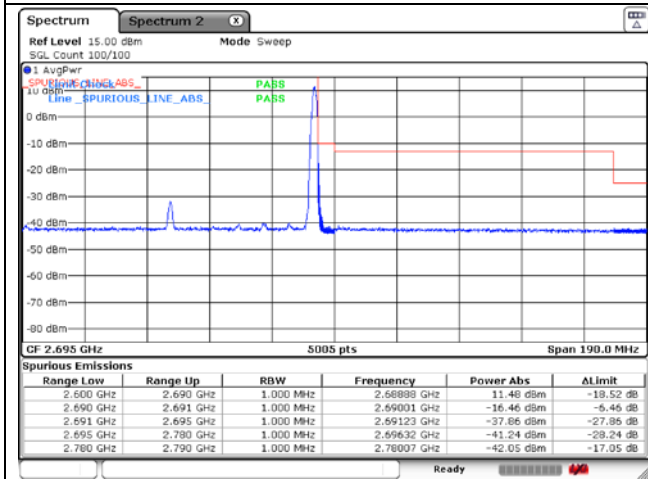


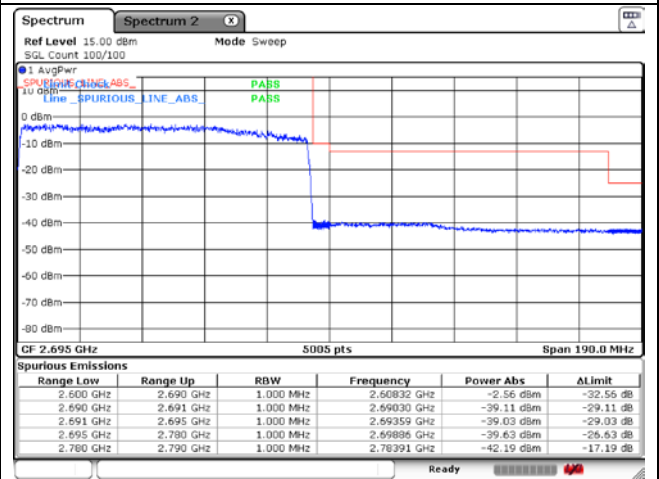
NR band 41 (90 MHz)



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



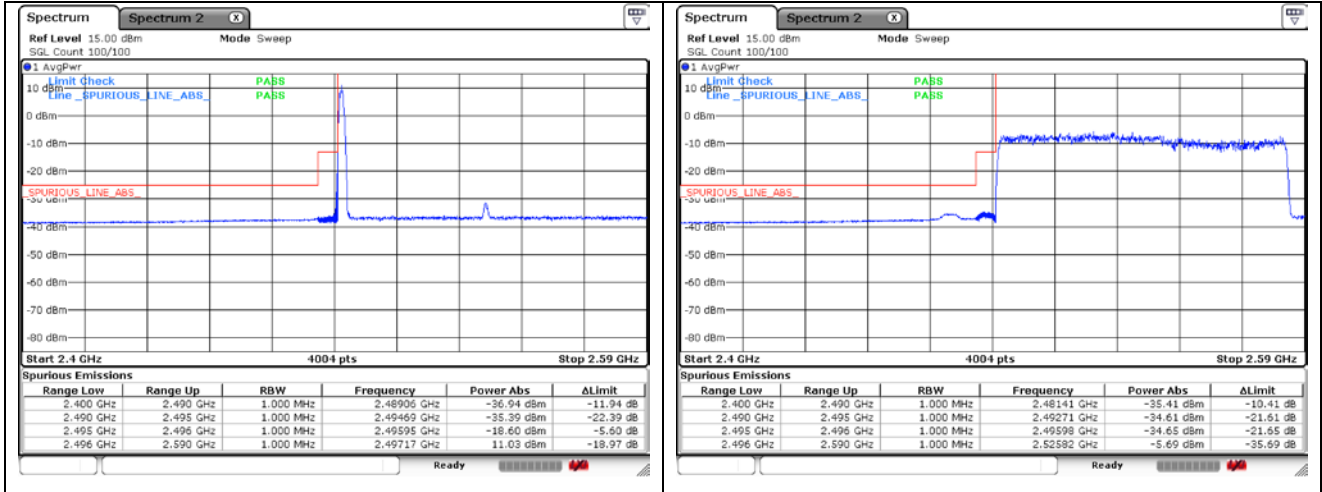
DFT-S-OFDM QPSK - Low Channel - Full RB



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

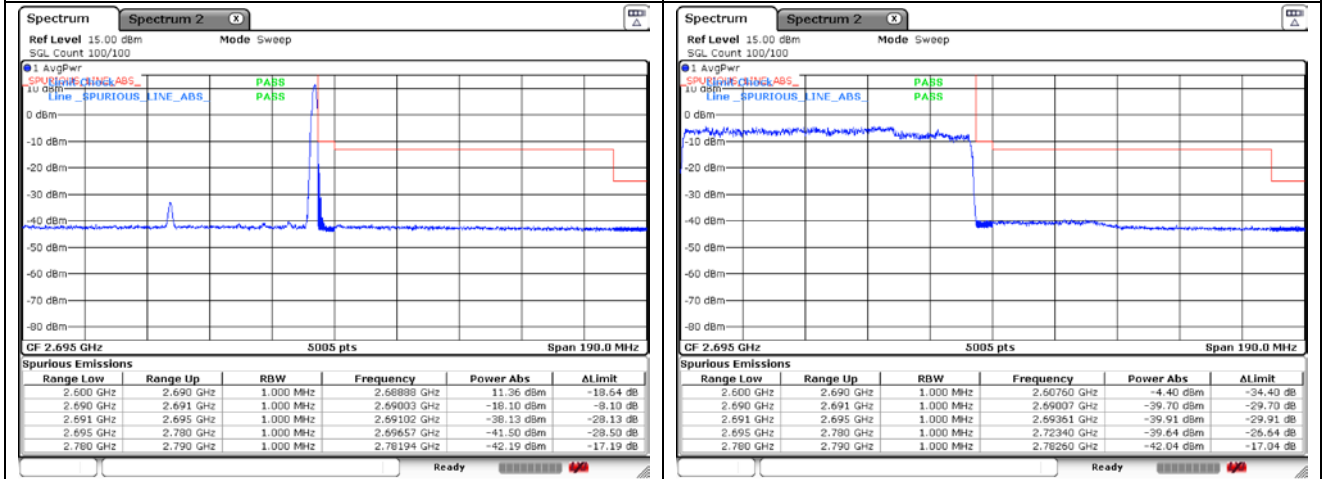
DFT-S-OFDM QPSK - High Channel - Full RB

NR band 41 (90 MHz)



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

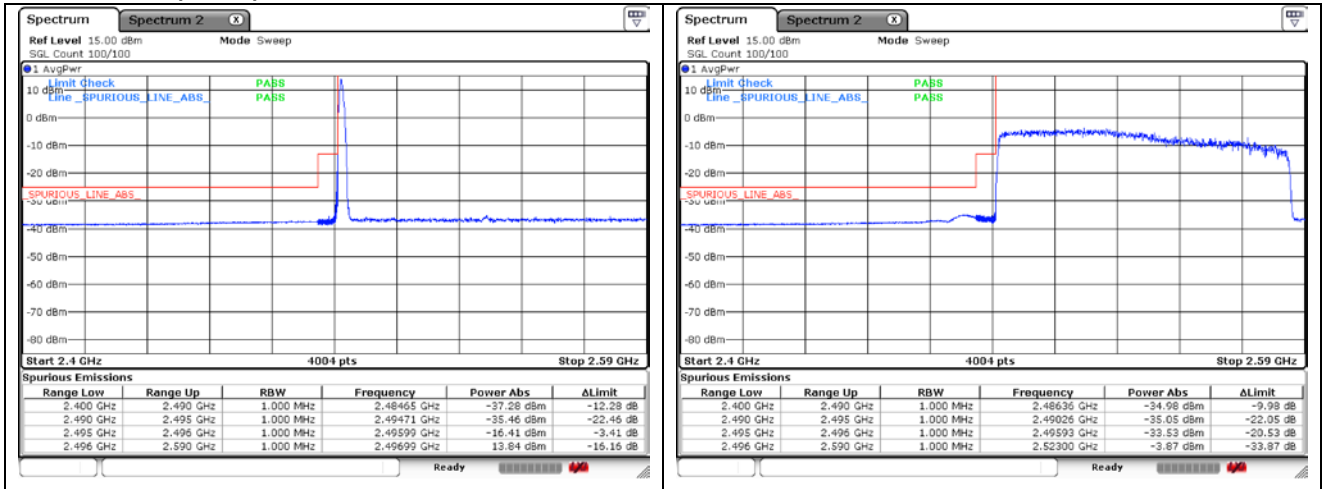
DFT-S-OFDM 16QAM - Low Channel - Full RB



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

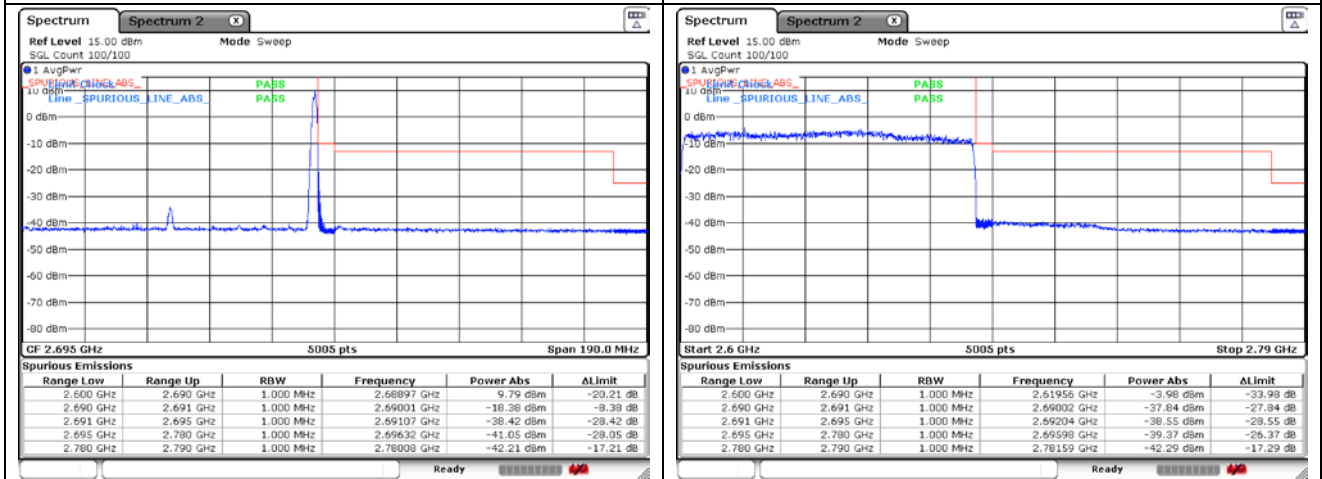
DFT-S-OFDM 16QAM - High Channel - Full RB

NR band 41 (90 MHz)



CP-OFDM QPSK - Low Channel - 1 RB

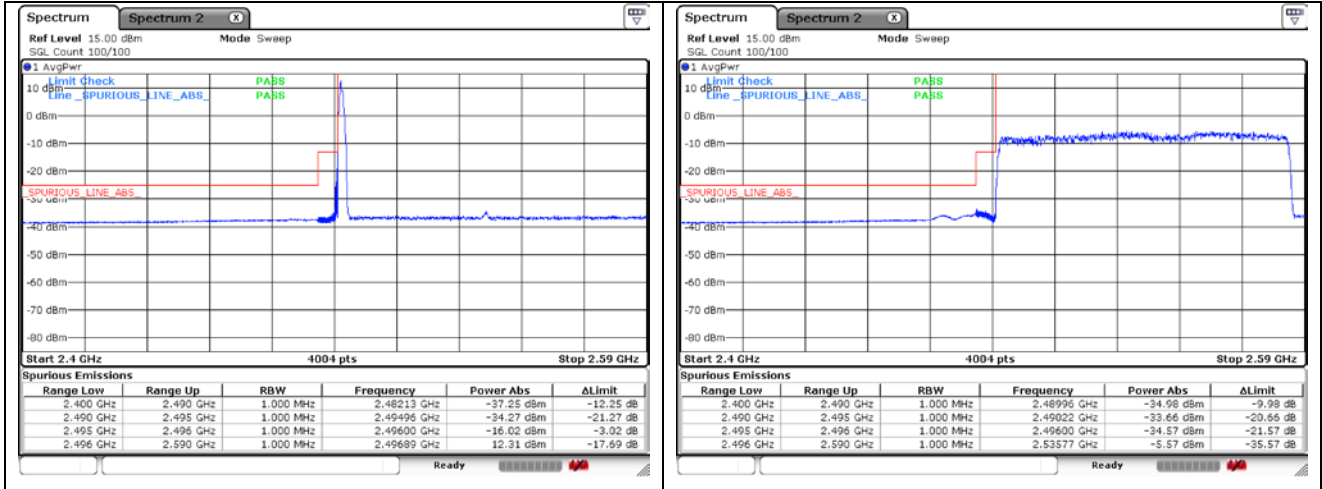
CP-OFDM QPSK - Low Channel - Full RB



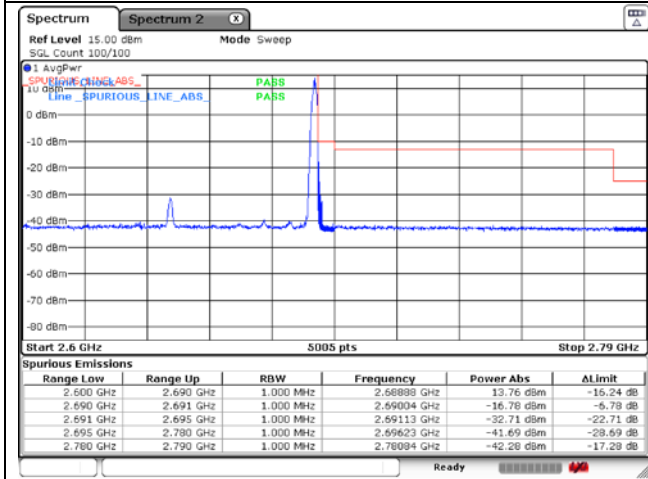
CP-OFDM QPSK - High Channel - 1 RB

CP-OFDM QPSK - High Channel - Full RB

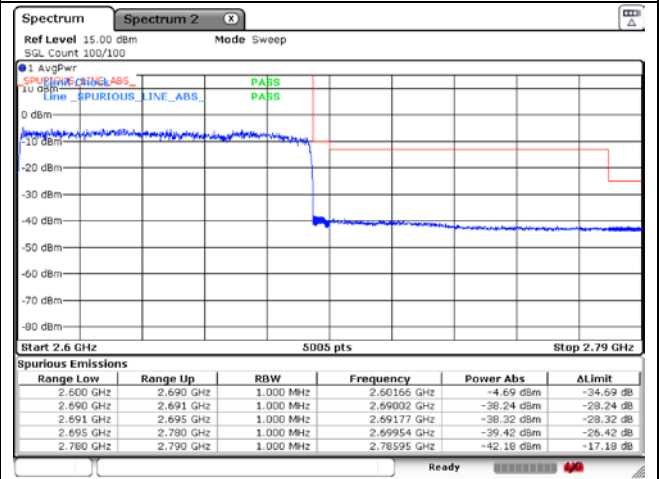
NR band 41 (90 MHz)



CP-OFDM 16QAM - Low Channel - 1 RB



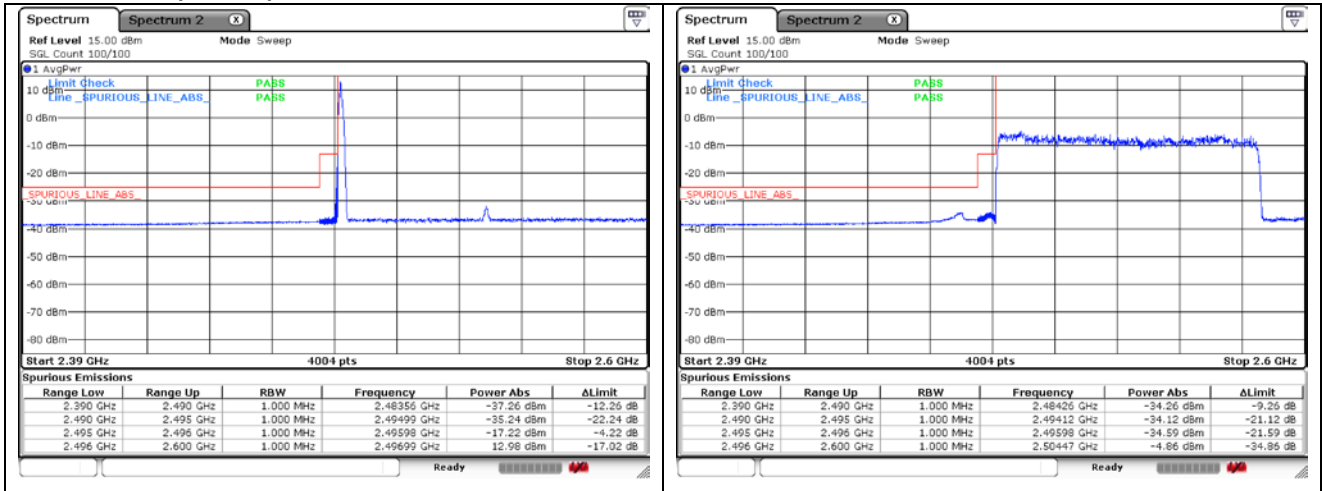
CP-OFDM 16QAM - Low Channel - Full RB



CP-OFDM 16QAM - High Channel - 1 RB

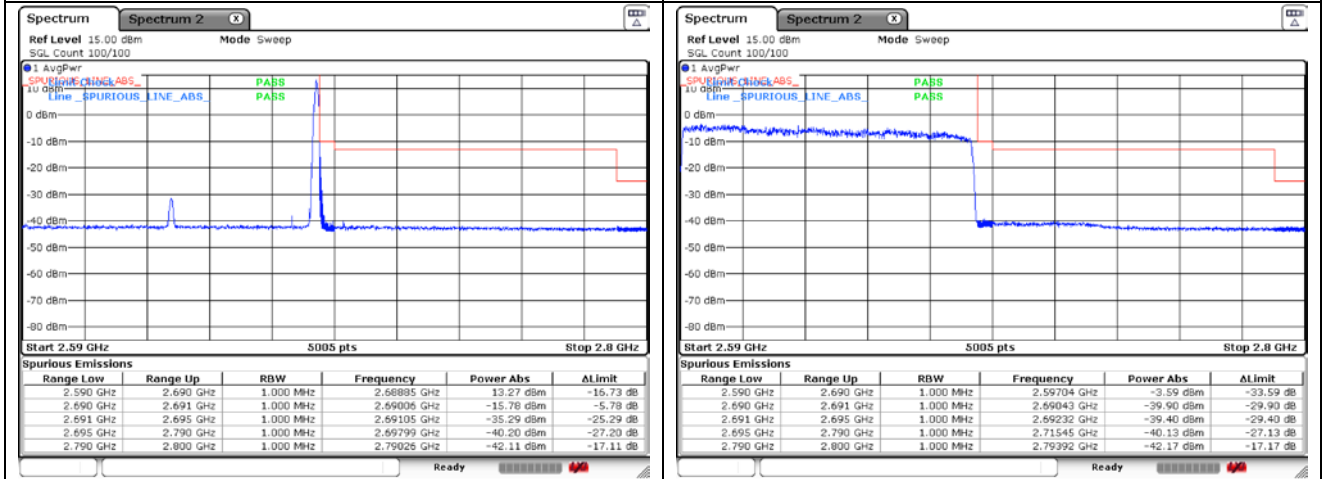
CP-OFDM 16QAM - High Channel - Full RB

NR band 41 (100 MHz)



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

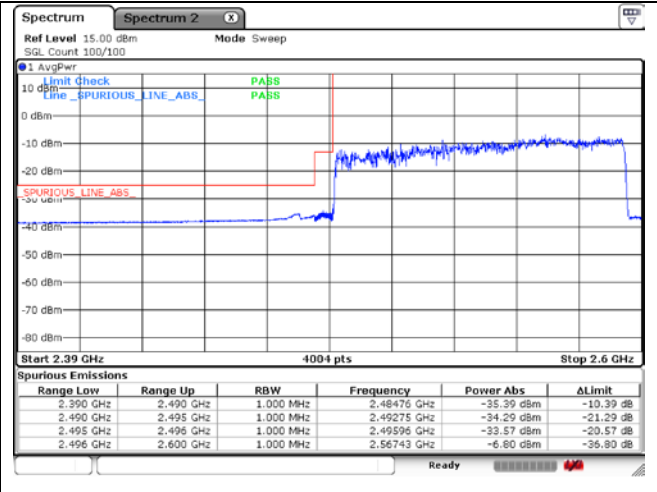
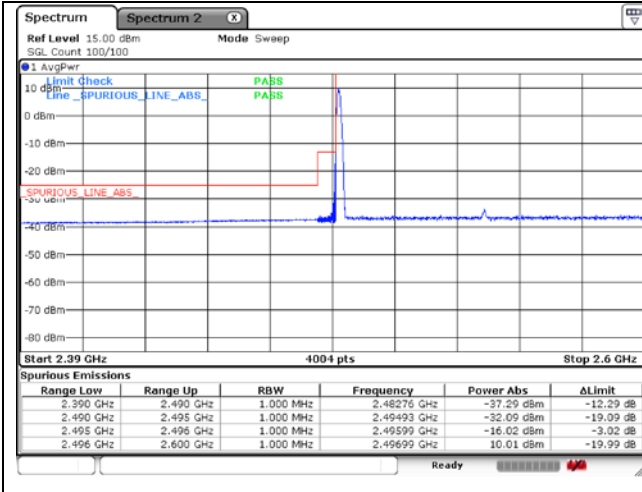
DFT-S-OFDM QPSK - Low Channel - Full RB



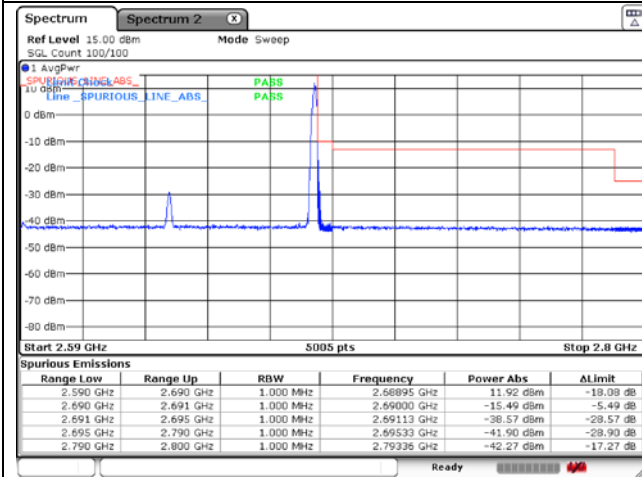
DFT-S-OFDM QPSK - High Channel - 1 RB

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

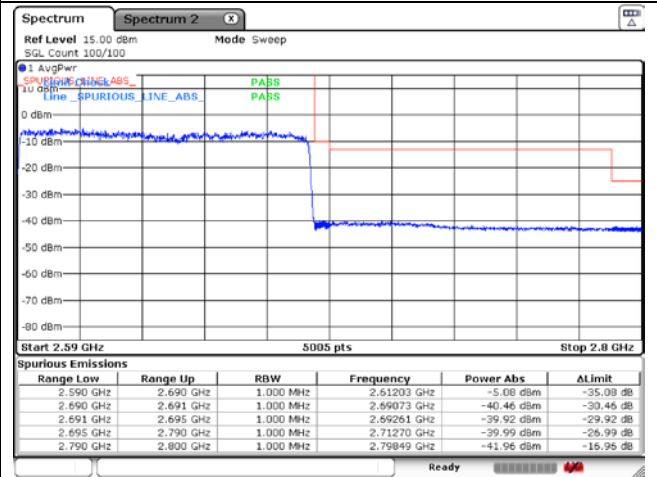
NR band 41 (100 MHz)



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



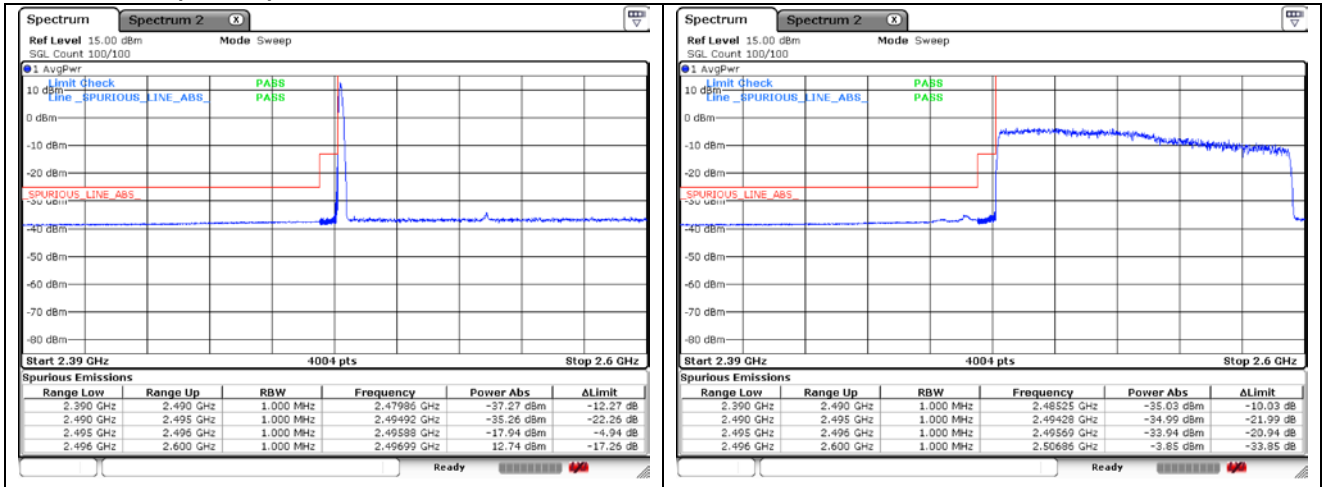
DFT-S-OFDM 16QAM - Low Channel - Full RB



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

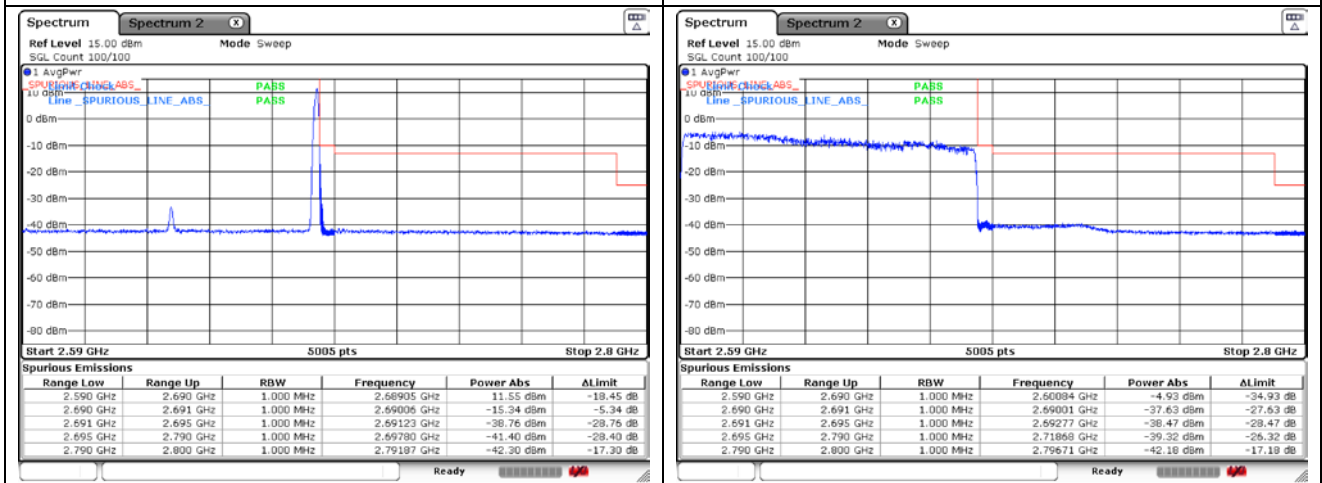
DFT-S-OFDM 16QAM - High Channel - Full RB

NR band 41 (100 MHz)



CP-OFDM QPSK - Low Channel - 1 RB

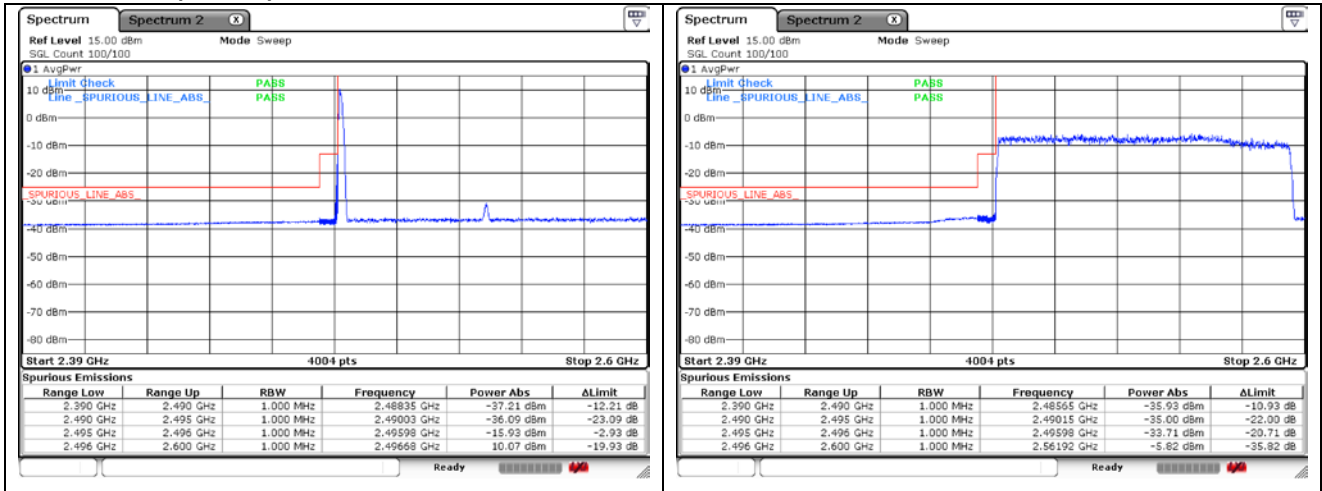
CP-OFDM QPSK - Low Channel - Full RB



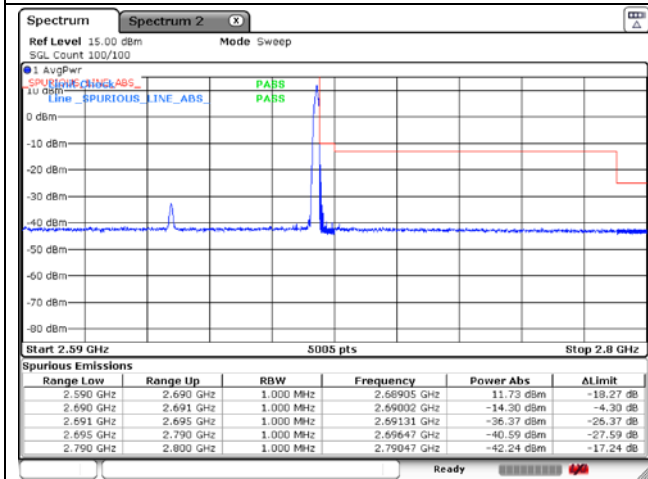
CP-OFDM QPSK - High Channel - 1 RB

CP-OFDM QPSK - High Channel - Full RB

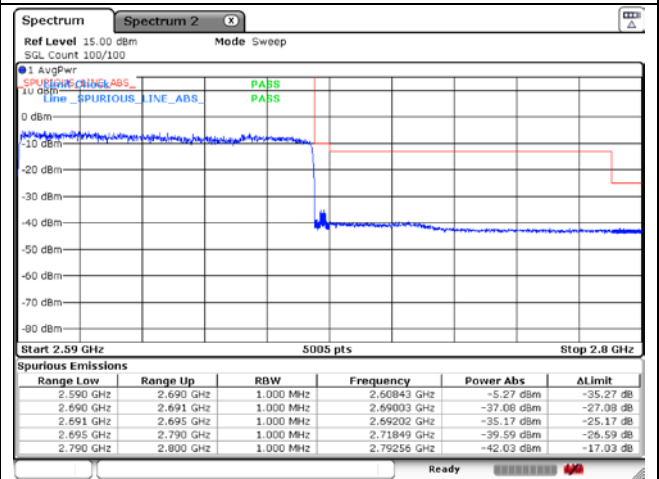
NR band 41 (100 MHz)



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

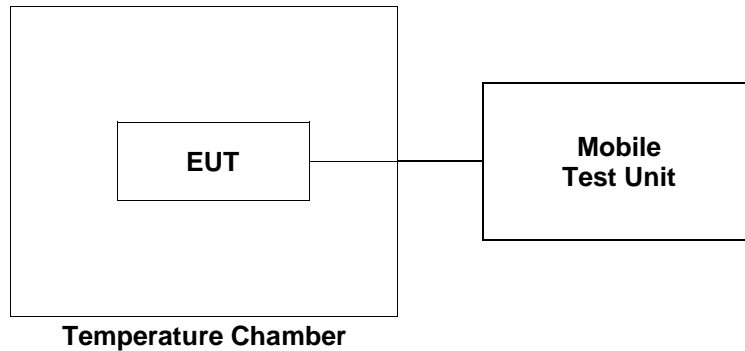
8.1. Limit

- § 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	13.70	0.010 37
40		18.40	0.012 19
30		24.80	0.014 65
20(Ref.)		-13.20	-
10		13.70	0.010 37
0		20.70	0.013 07
-10		15.40	0.011 03
-20		12.30	0.009 83
-30		30.60	0.016 89
Frequency Stability versus Power Supply			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
20	10.63 (85%)	-14.10	-0.000 35
	14.38 (115%)	-12.80	0.000 15

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	23.30	0.003 20
40		13.90	-0.000 42
30		13.40	-0.000 62
20(Ref.)		15.00	-
10		22.10	0.002 74
0		19.30	0.001 66
-10		17.30	0.000 89
-20		11.50	-0.001 35
-30		26.60	0.004 47
Frequency Stability versus Power Supply			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
20	10.63 (85%)	13.70	-0.000 50
	14.38 (115%)	14.50	-0.000 19

- End of the Test Report -