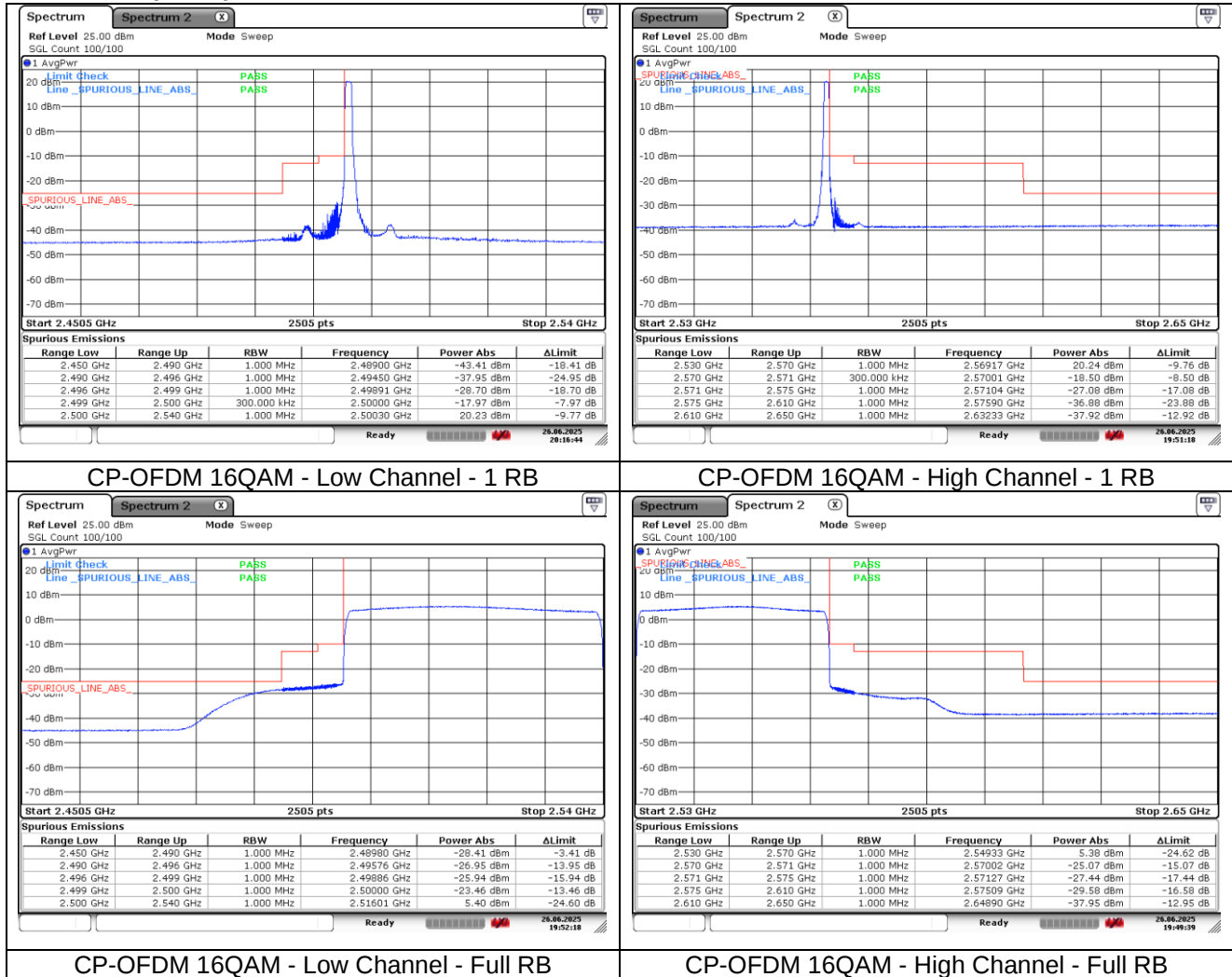
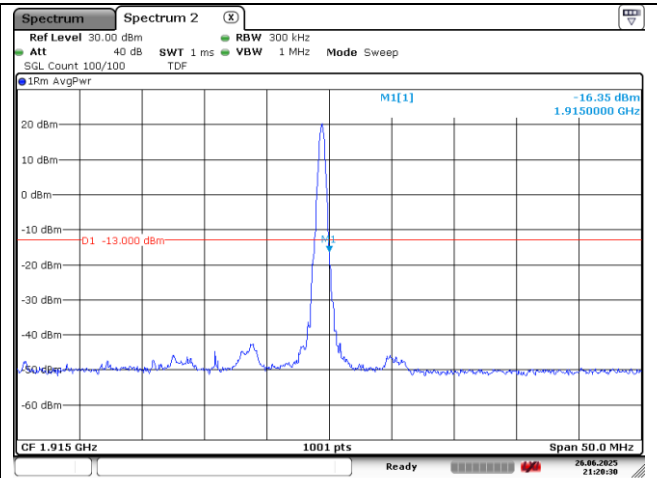
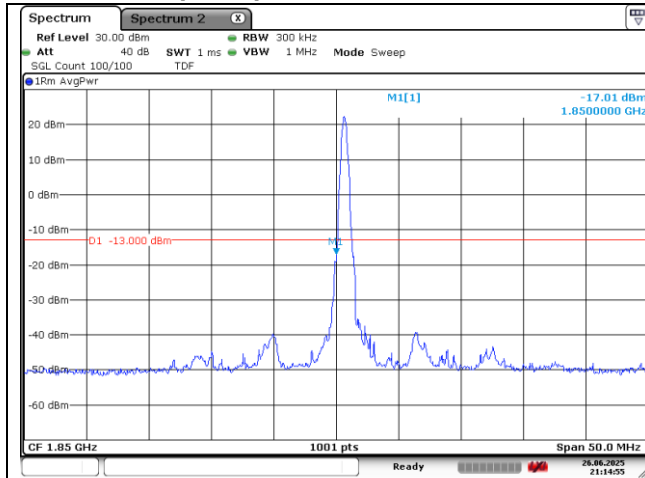


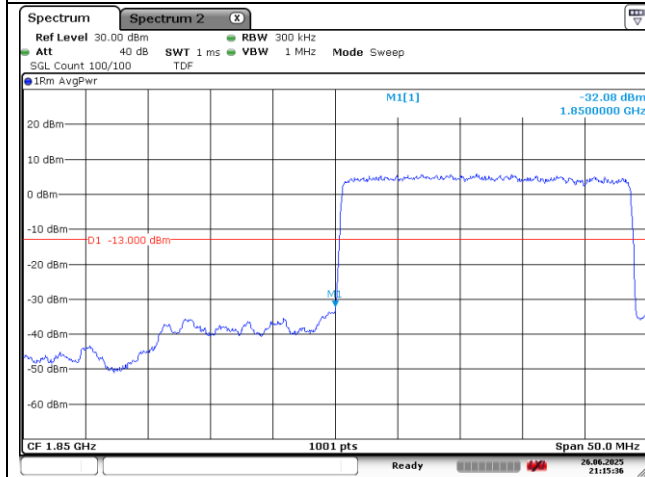
NR band 7 (40 MHz)



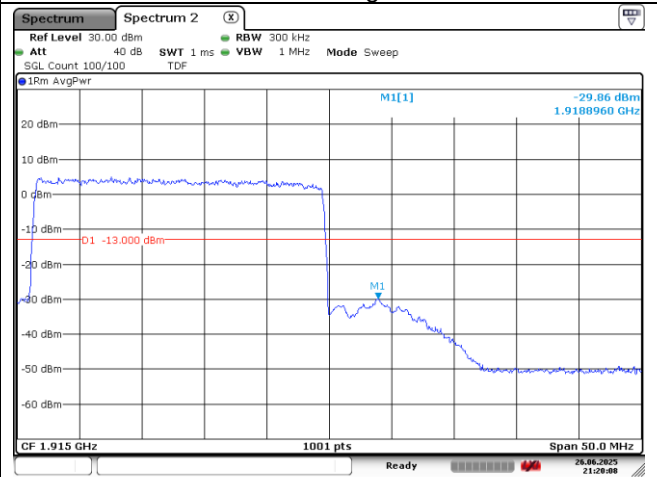
NR band 25 (25 MHz)



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



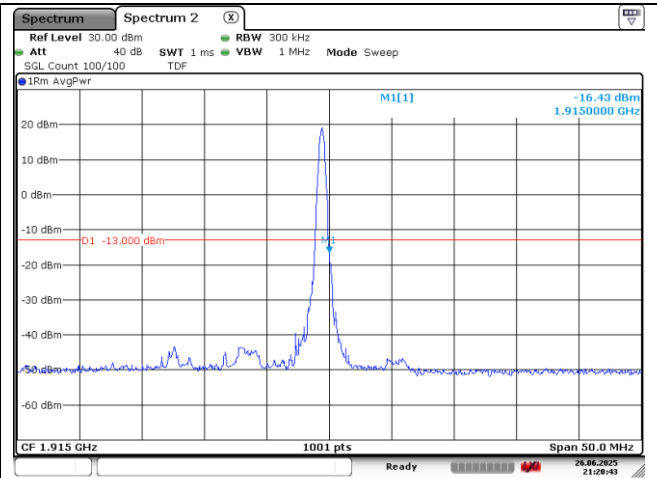
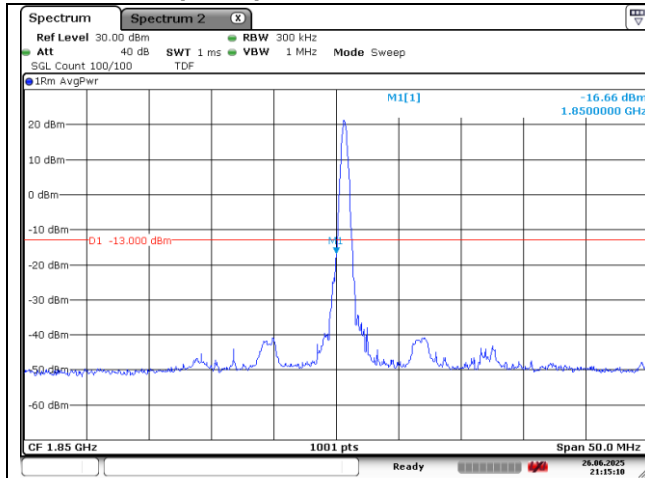
DFT-S-OFDM BPSK - High Channel - 1 RB



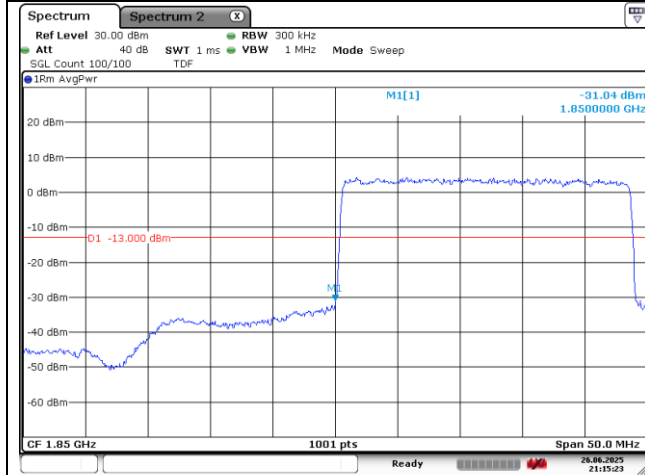
DFT-S-OFDM BPSK - Low Channel - Full RB

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

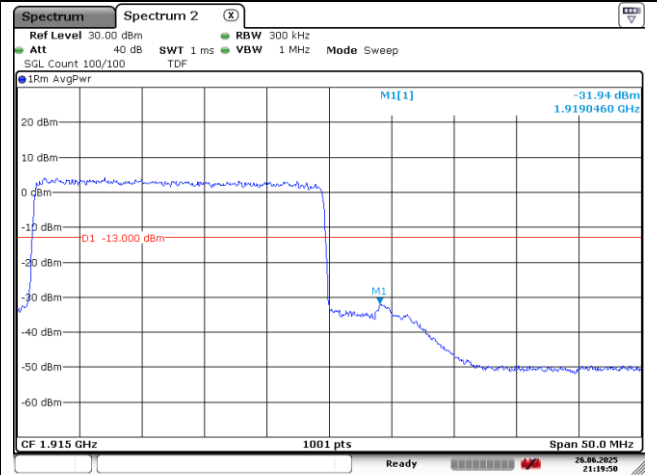
NR band 25 (25 MHz)



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



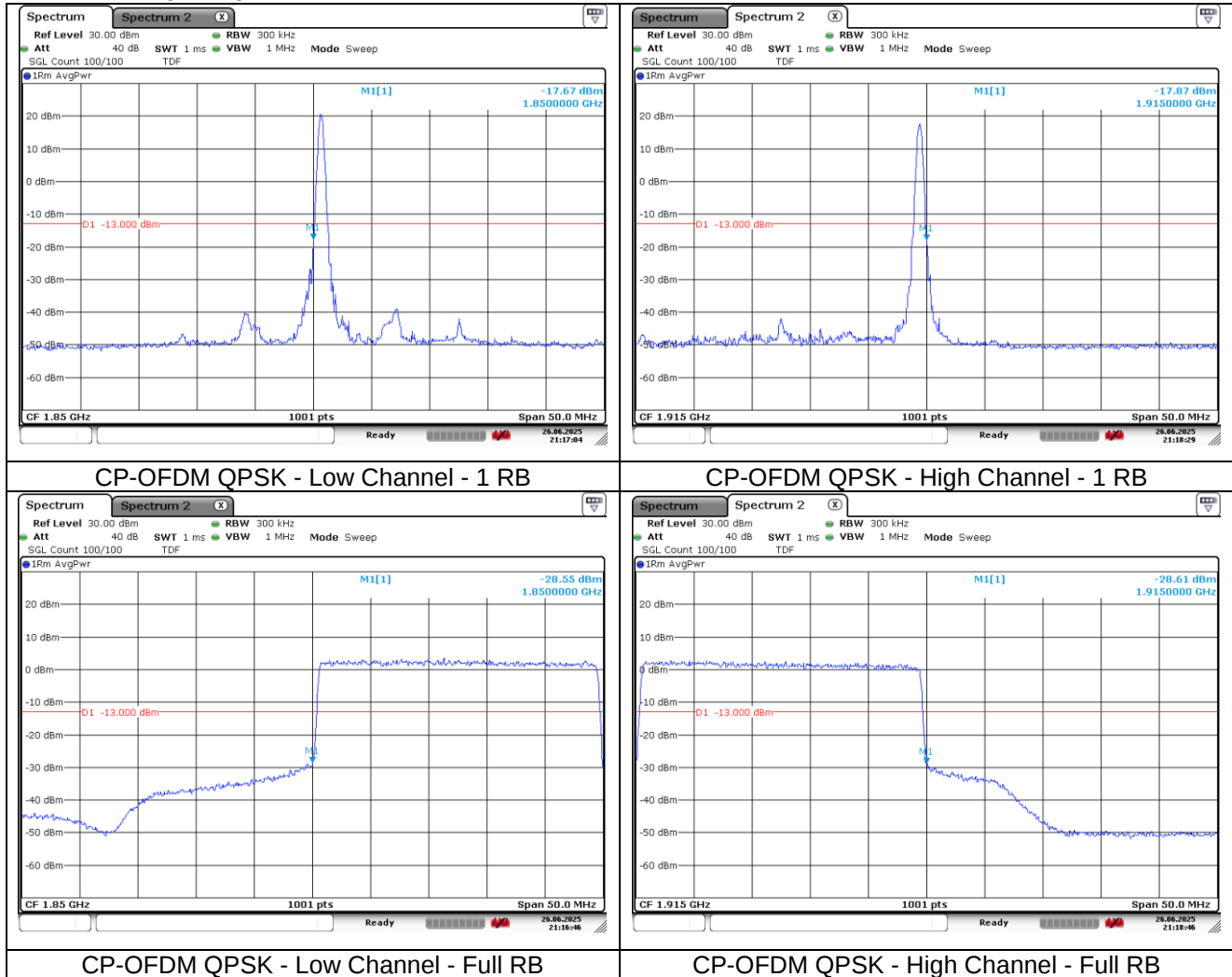
DFT-S-OFDM 16QAM - High Channel - 1 RB



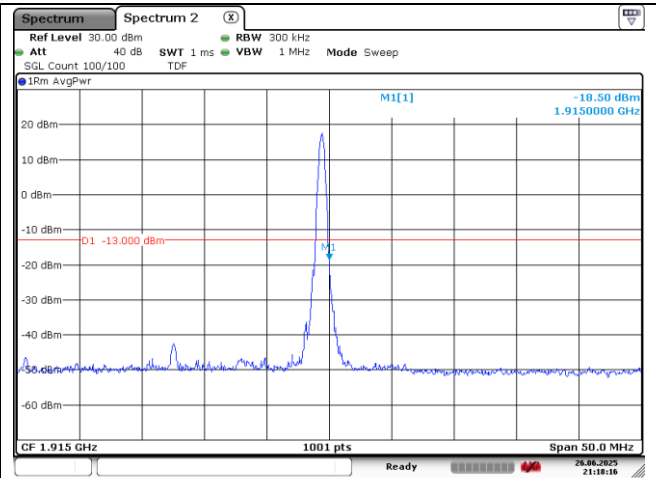
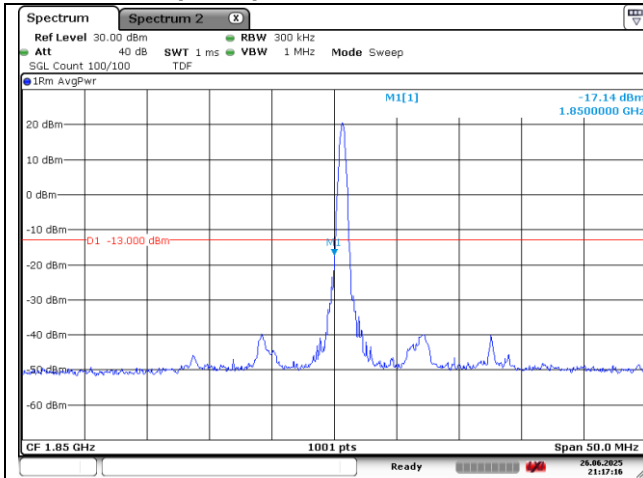
DFT-S-OFDM 16QAM - Low Channel - Full RB

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

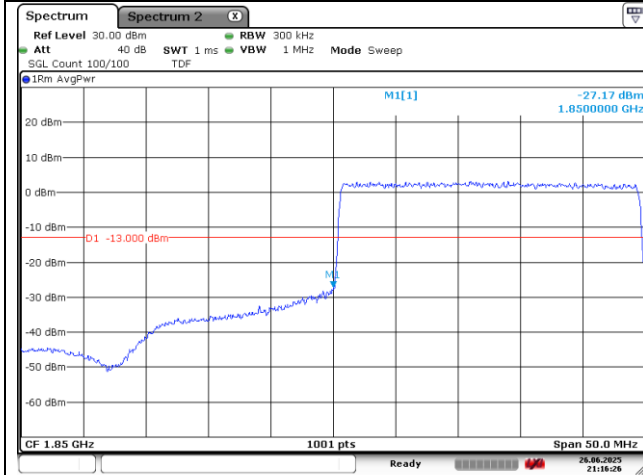
NR band 25 (25 MHz)



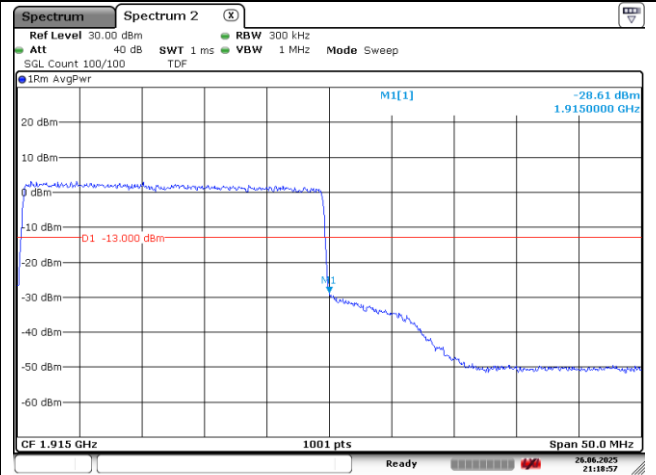
NR band 25 (25 MHz)



CP-OFDM 16QAM - Low Channel - 1 RB



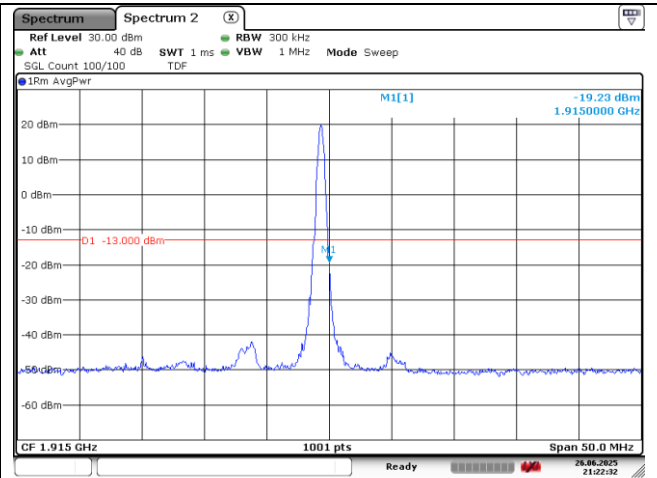
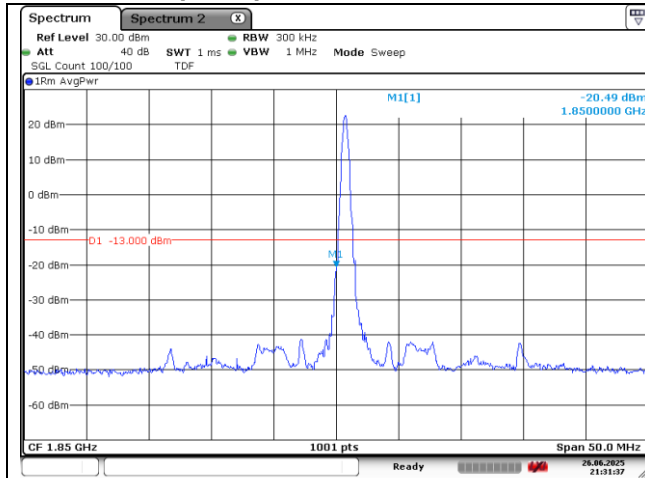
CP-OFDM 16QAM - High Channel - 1 RB



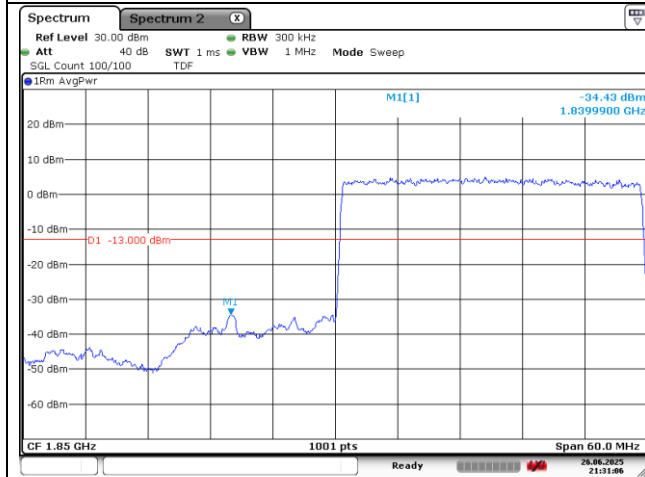
CP-OFDM 16QAM - Low Channel - Full RB

CP-OFDM 16QAM - High Channel - Full RB

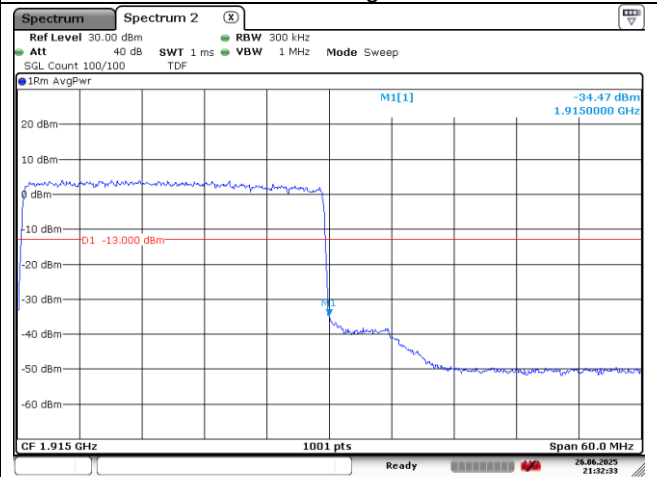
NR band 25 (30 MHz)



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



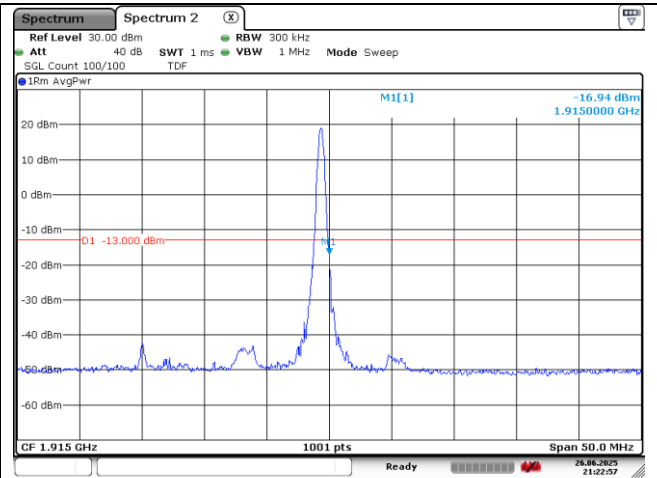
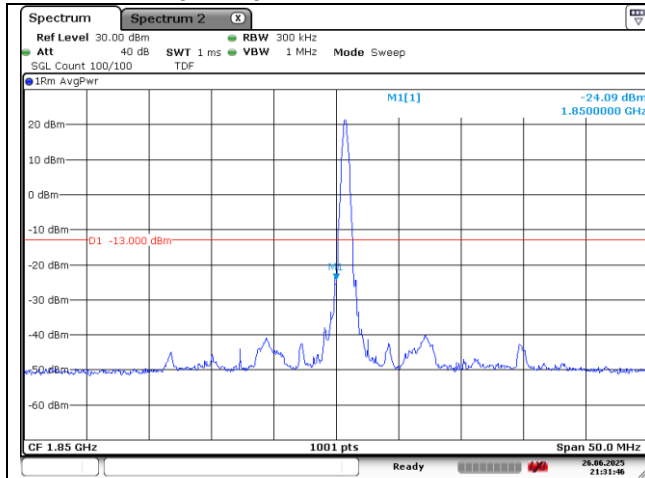
DFT-S-OFDM BPSK - High Channel - 1 RB



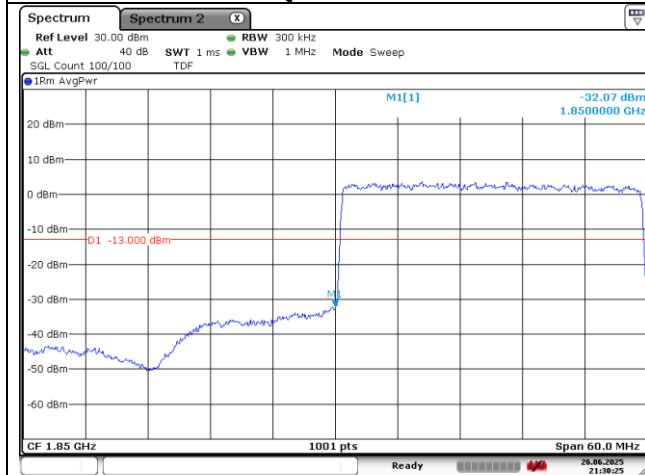
DFT-S-OFDM BPSK - Low Channel - Full RB

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

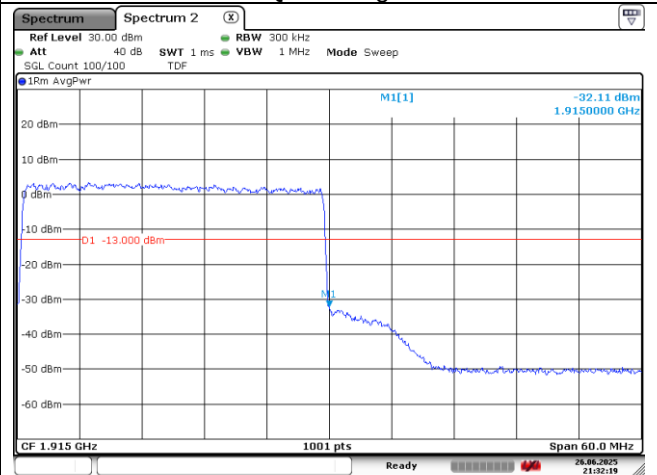
NR band 25 (30 MHz)



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



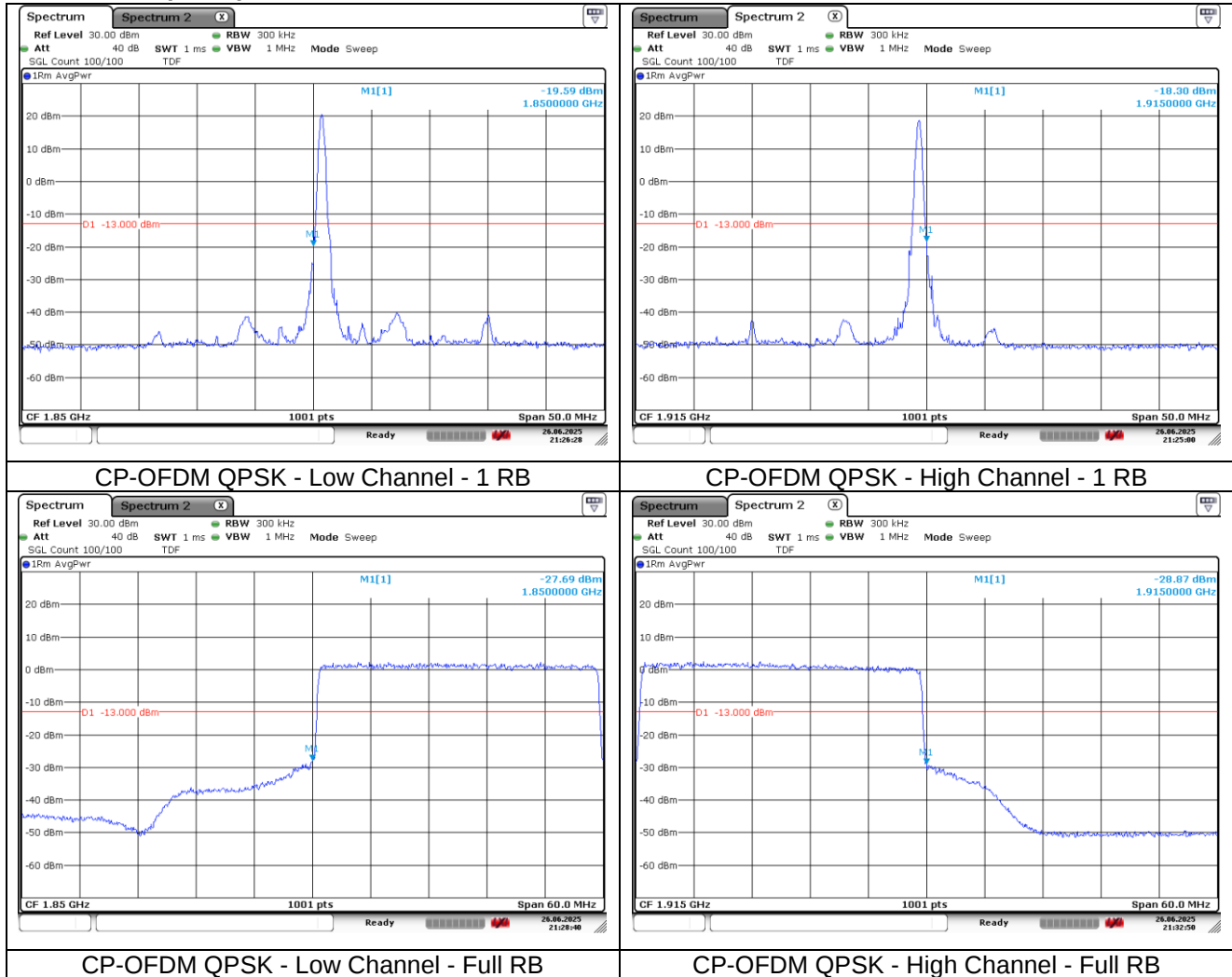
DFT-S-OFDM 16QAM - High Channel - 1 RB



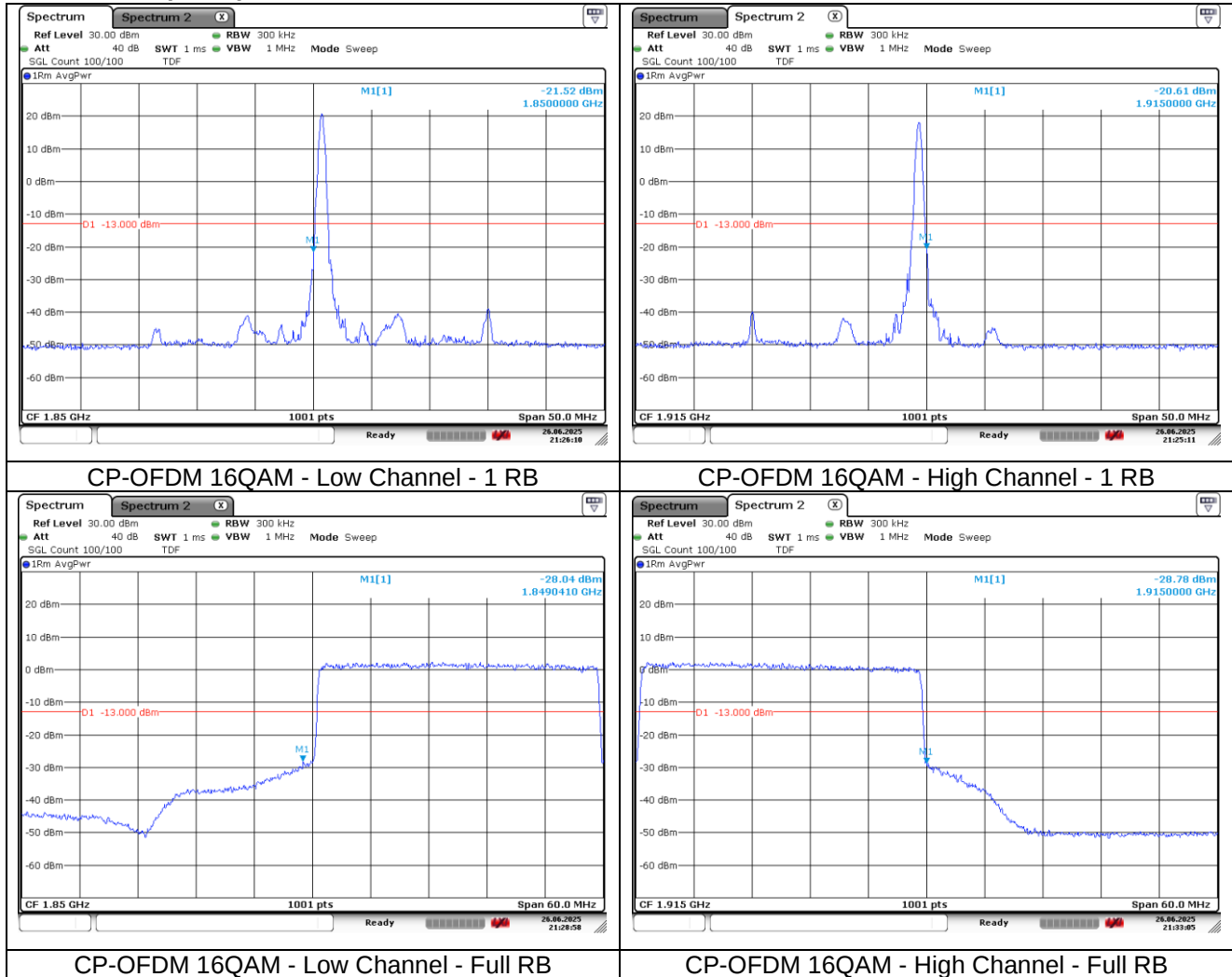
DFT-S-OFDM 16QAM - Low Channel - Full RB

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

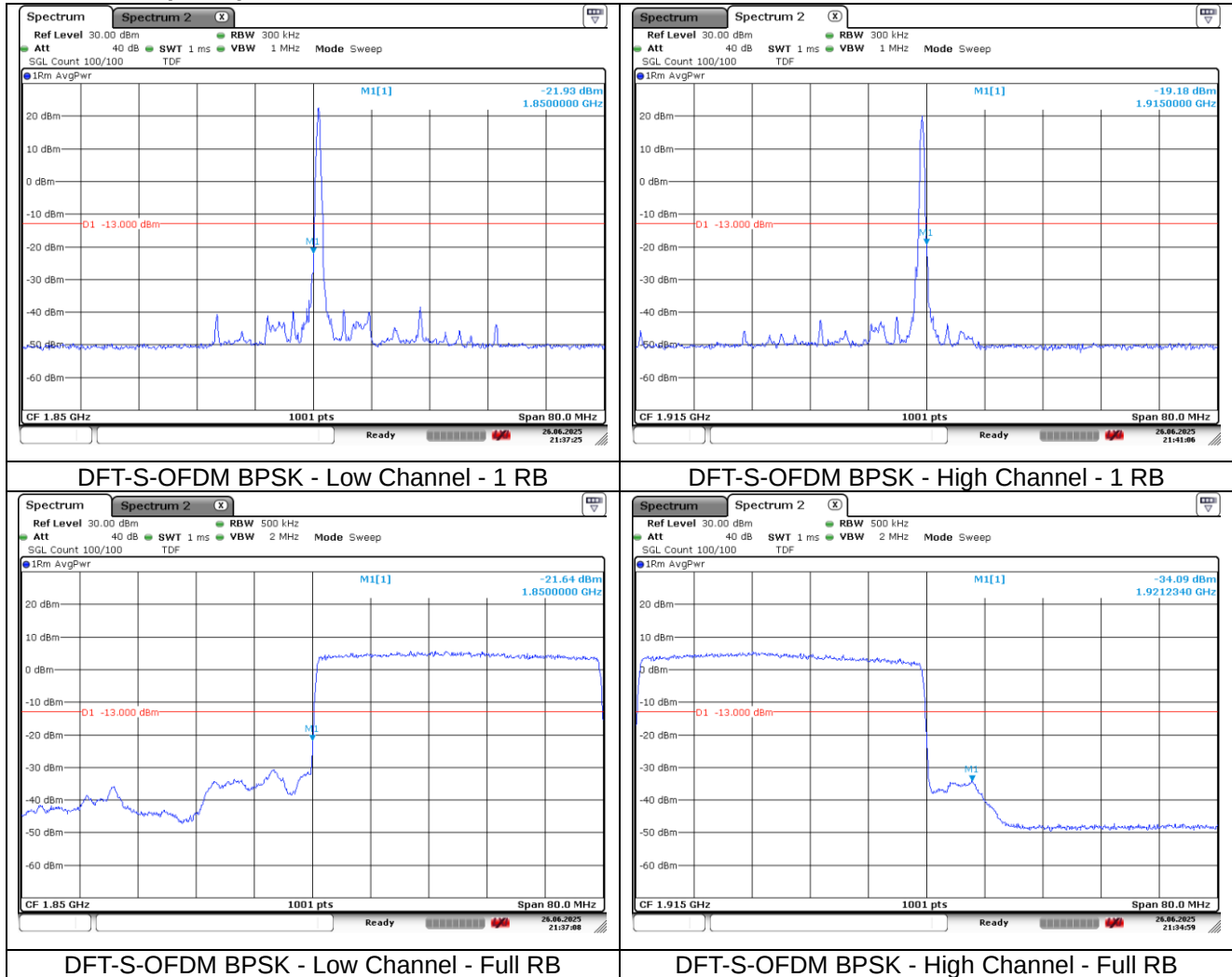
NR band 25 (30 MHz)



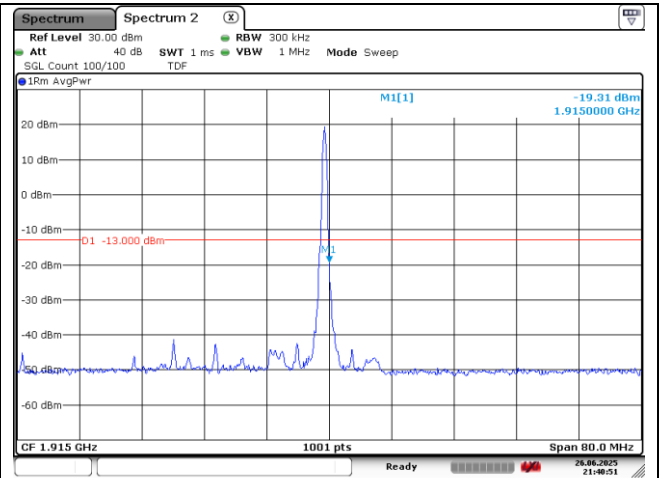
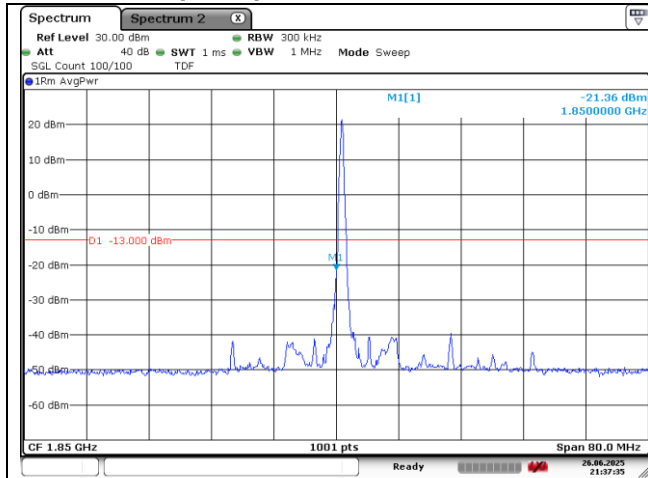
NR band 25 (30 MHz)



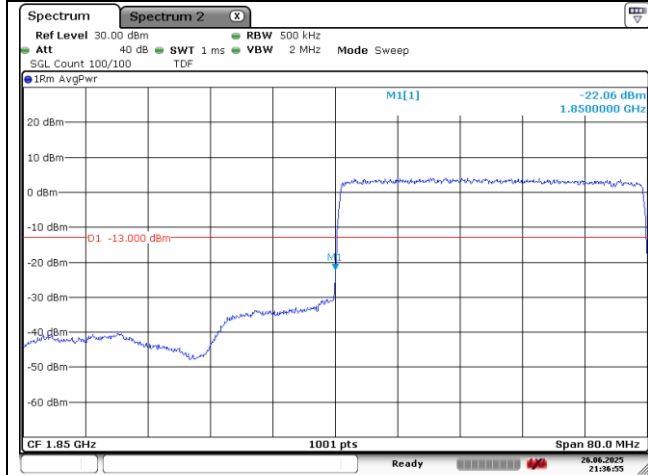
NR band 25 (40 MHz)



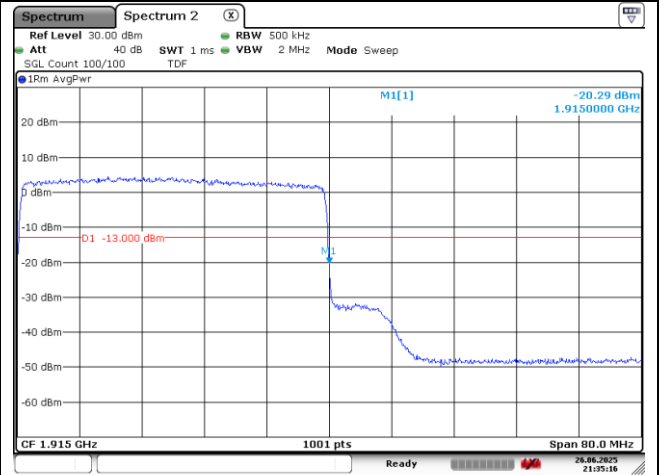
NR band 25 (40 MHz)



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



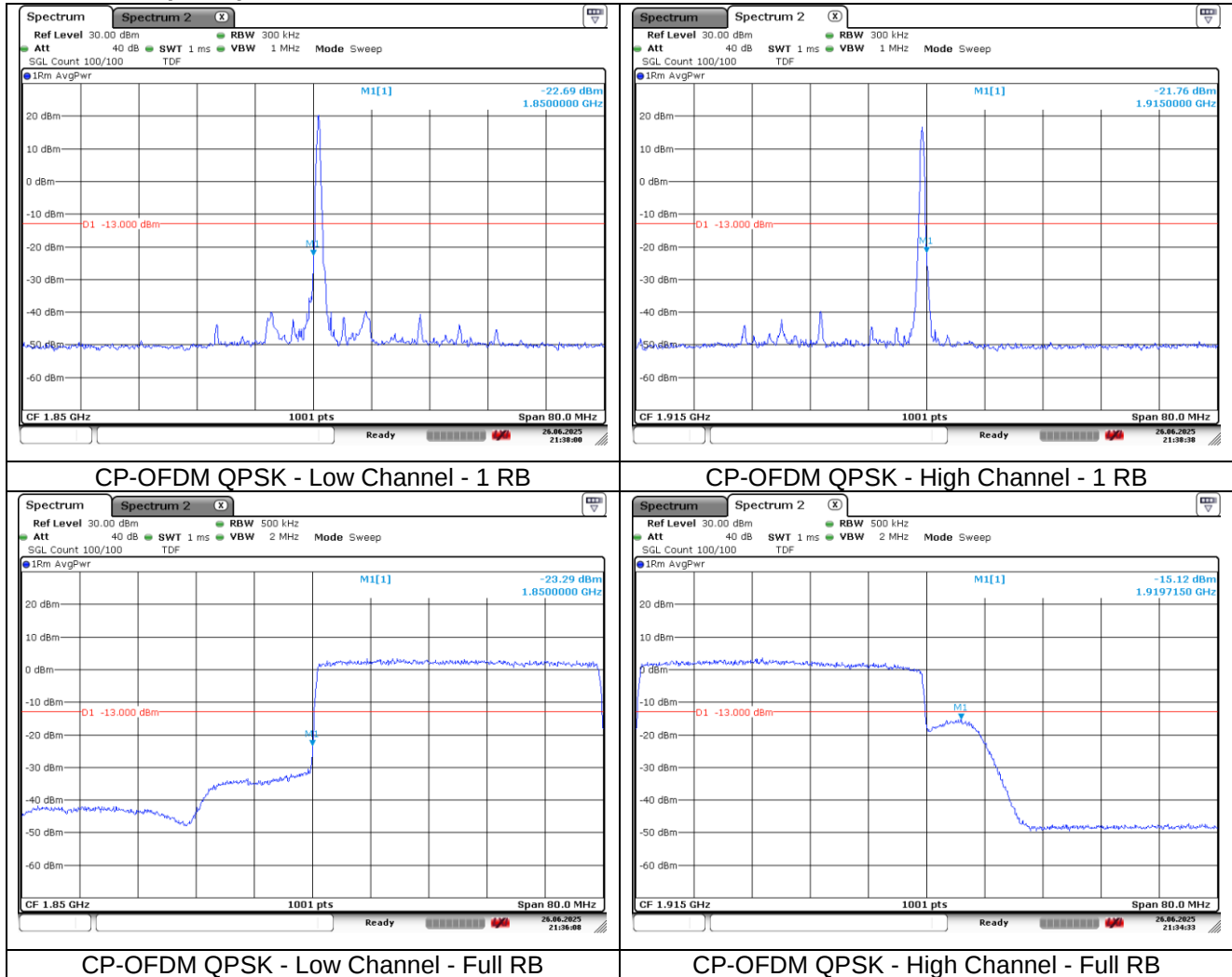
DFT-S-OFDM 16QAM - High Channel - 1 RB



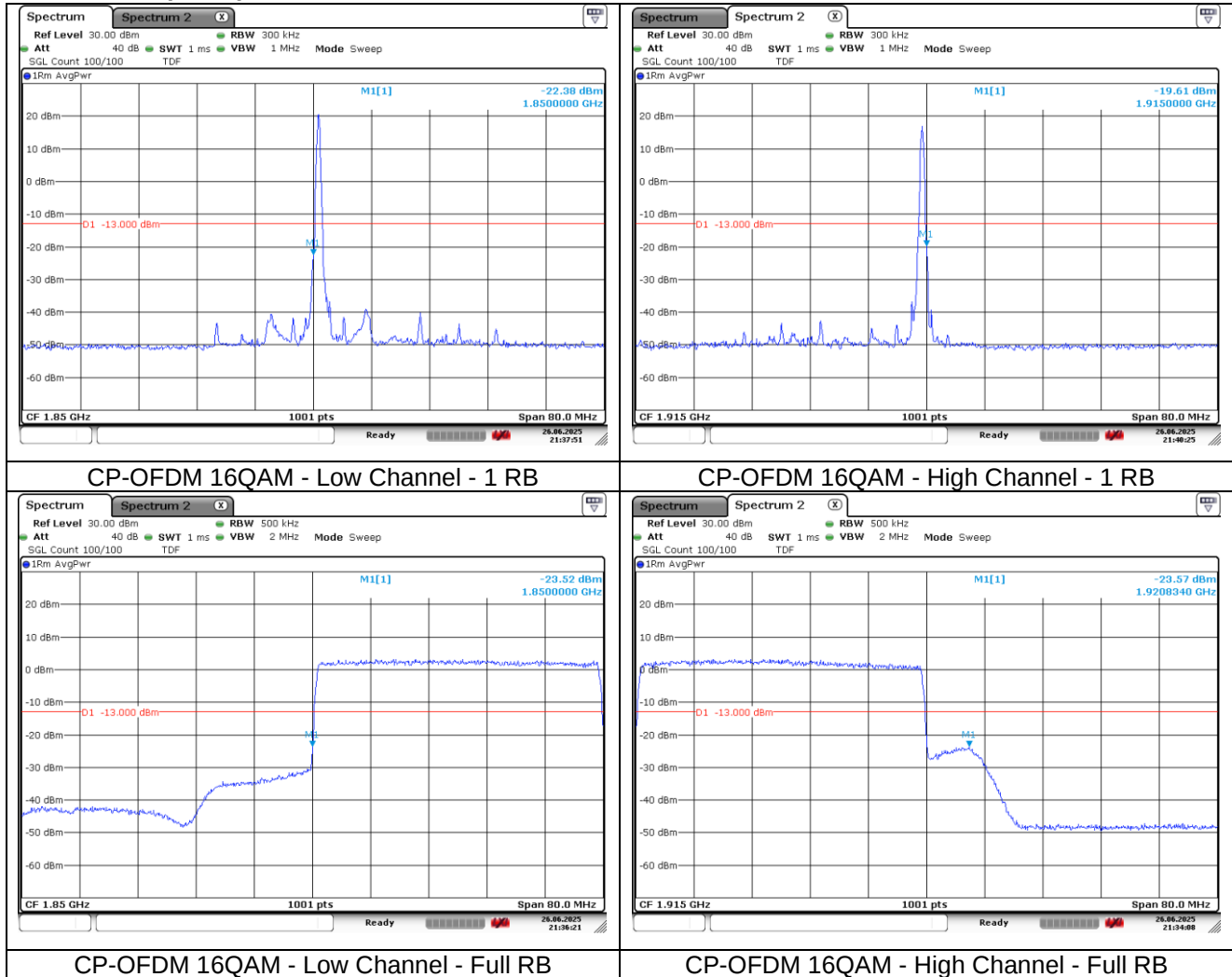
DFT-S-OFDM 16QAM - Low Channel - Full RB

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

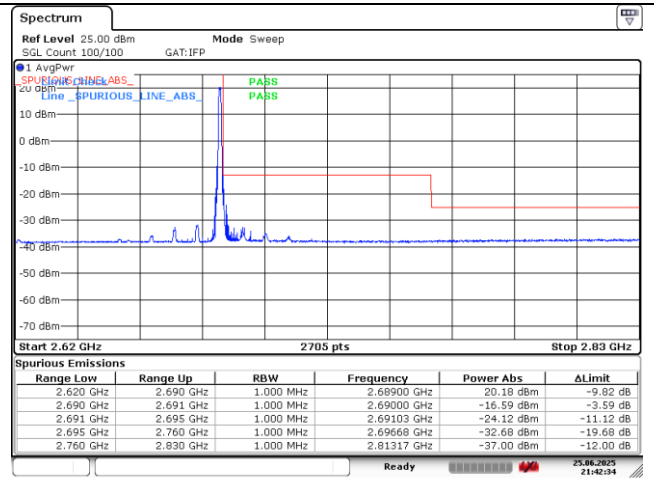
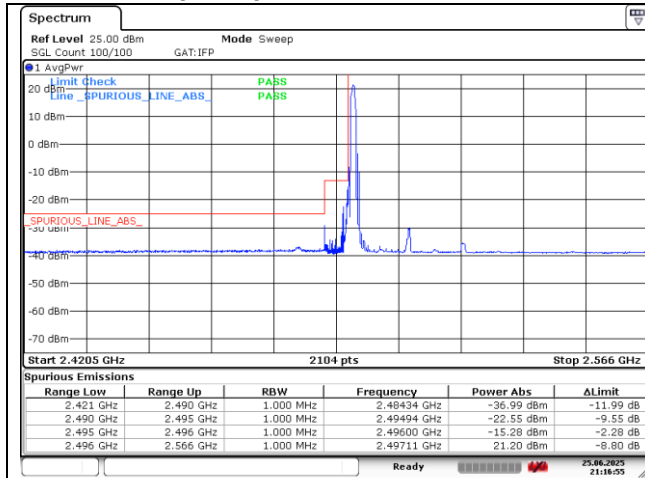
NR band 25 (40 MHz)



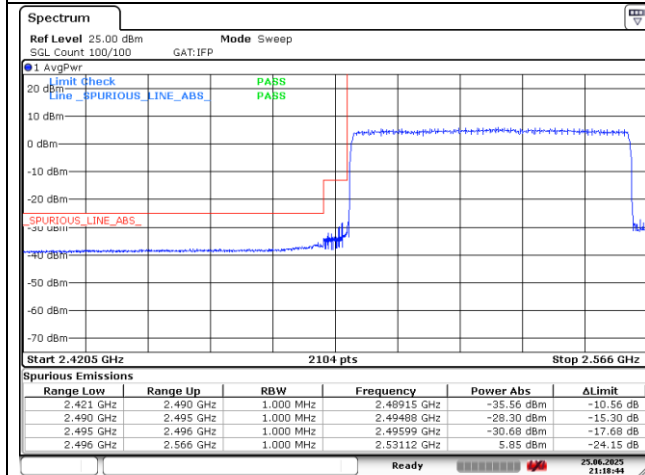
NR band 25 (40 MHz)



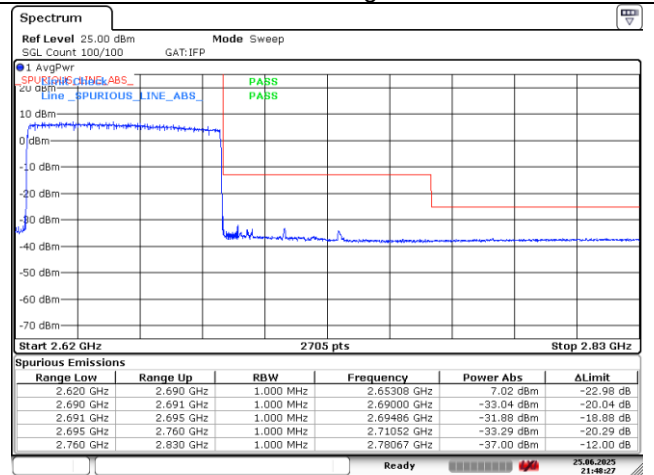
NR band 41 (70 MHz)



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



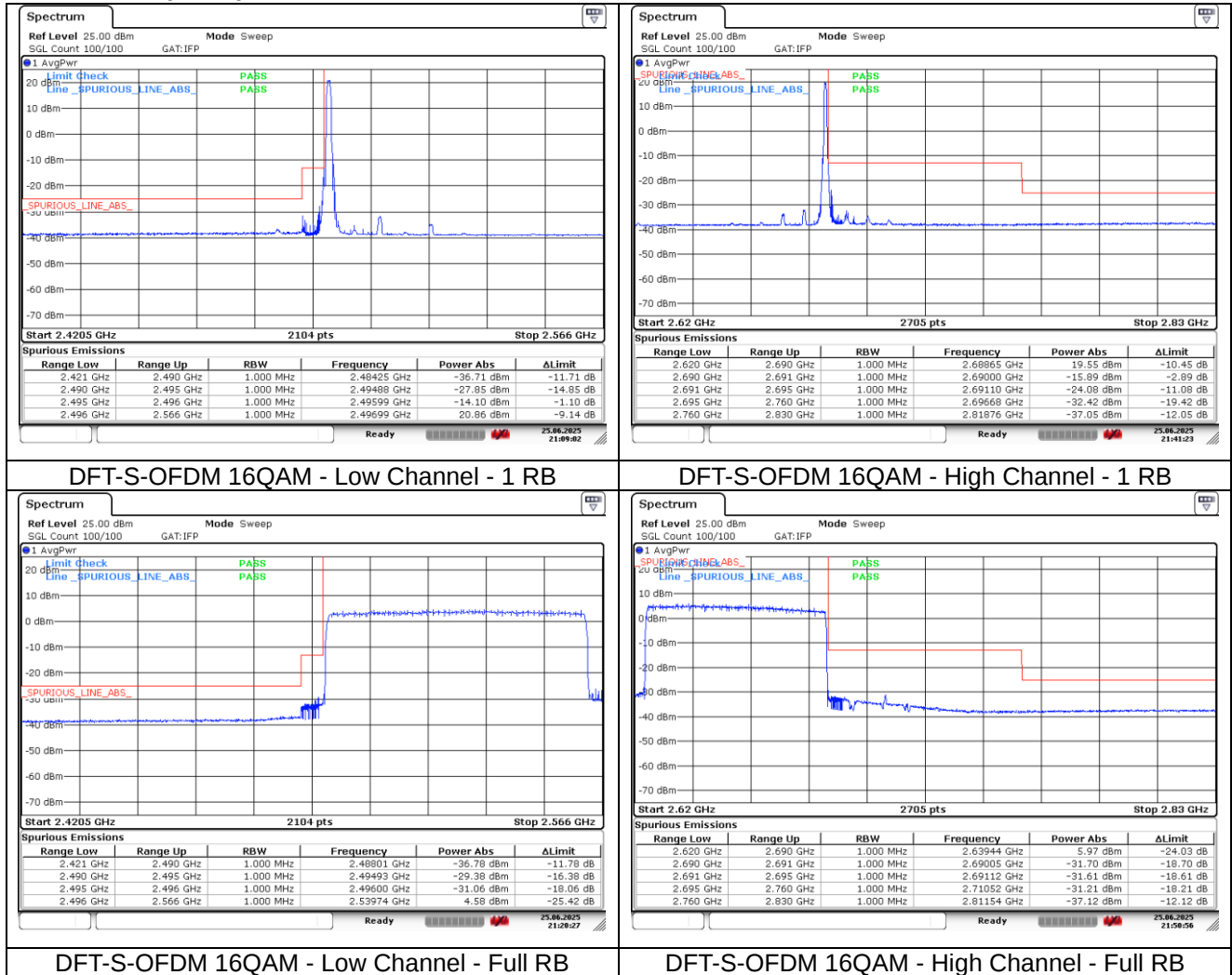
DFT-S-OFDM BPSK - High Channel - 1 RB



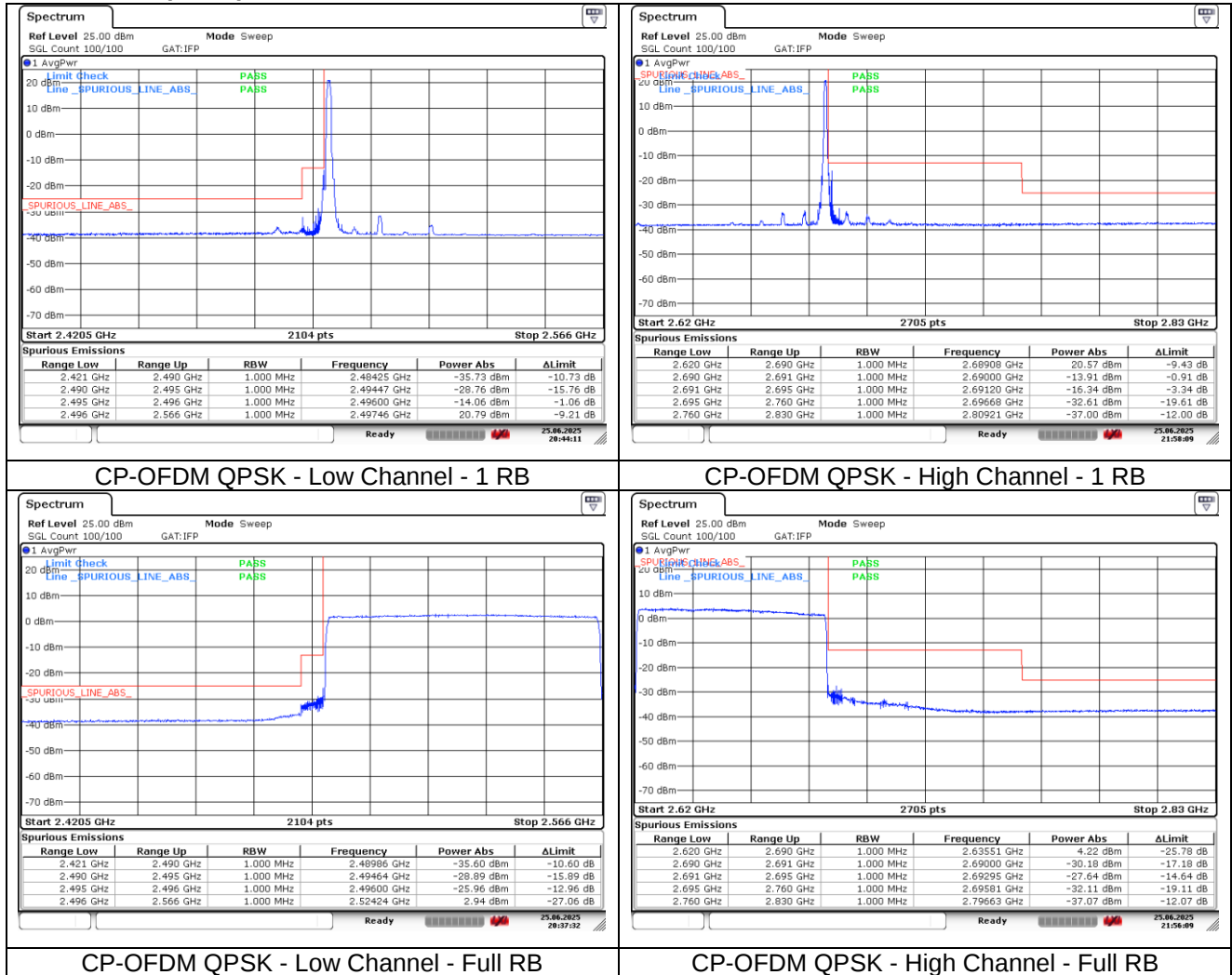
DFT-S-OFDM BPSK - Low Channel - Full RB

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

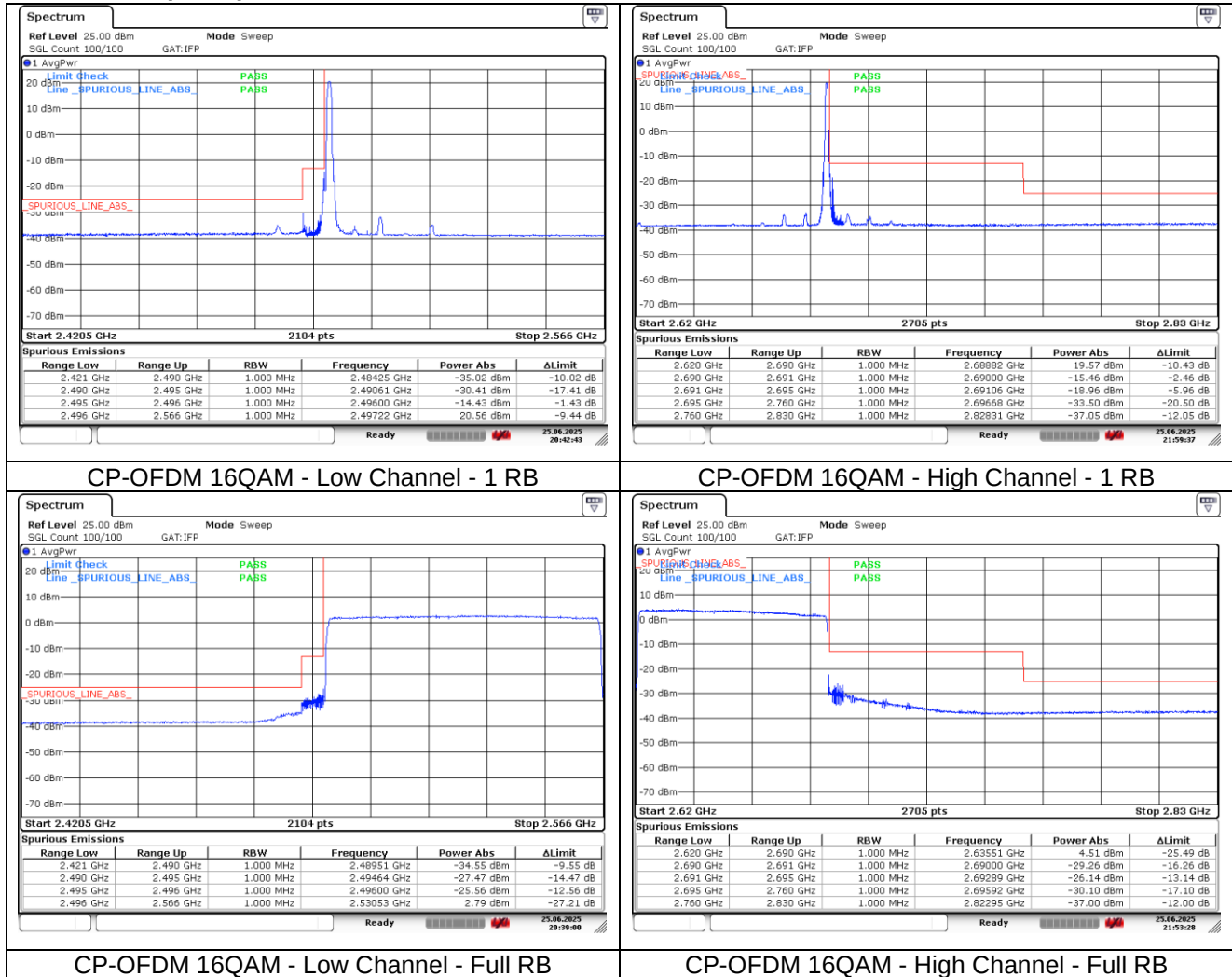
NR band 41 (70 MHz)



NR band 41 (70 MHz)

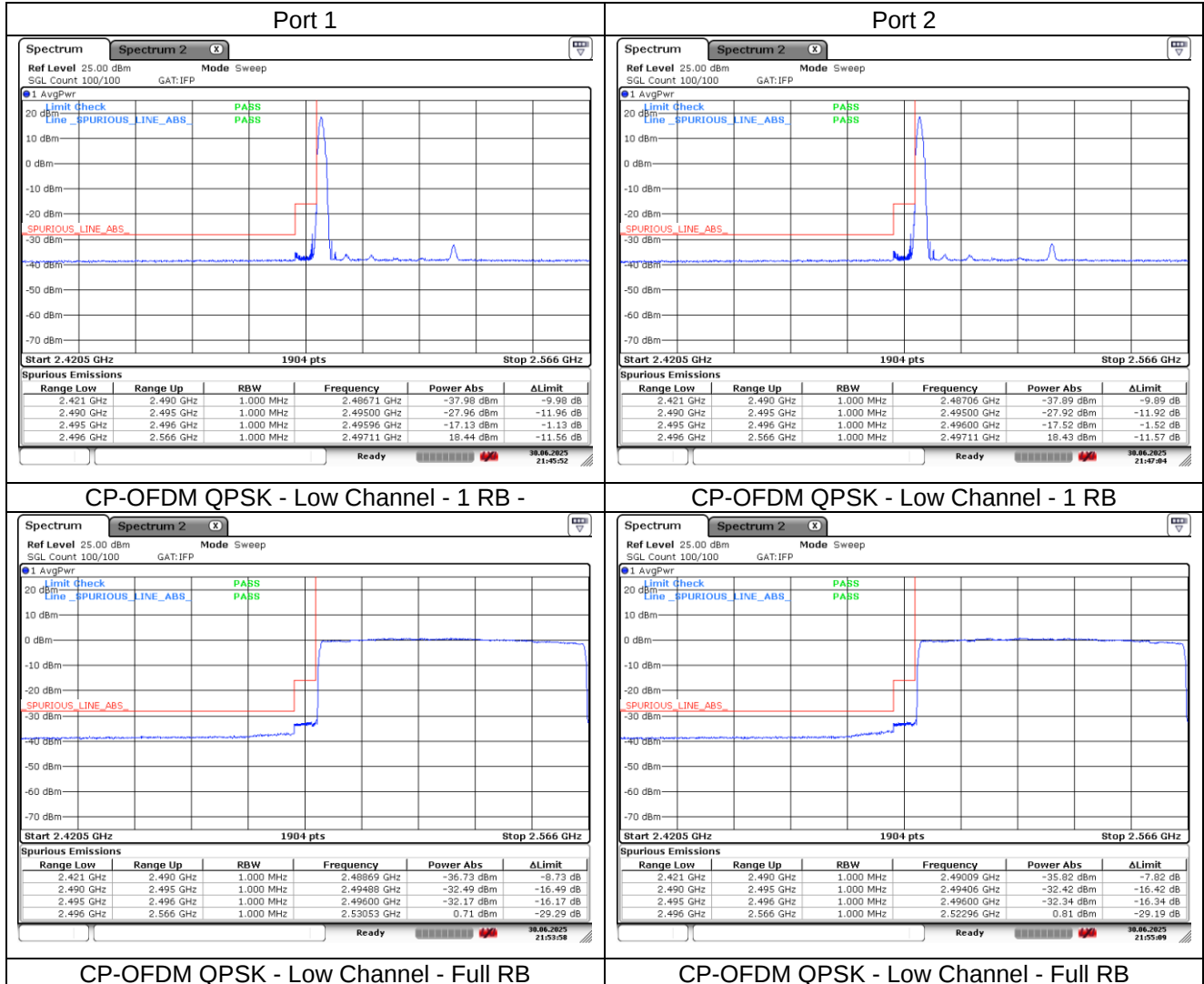


NR band 41 (70 MHz)

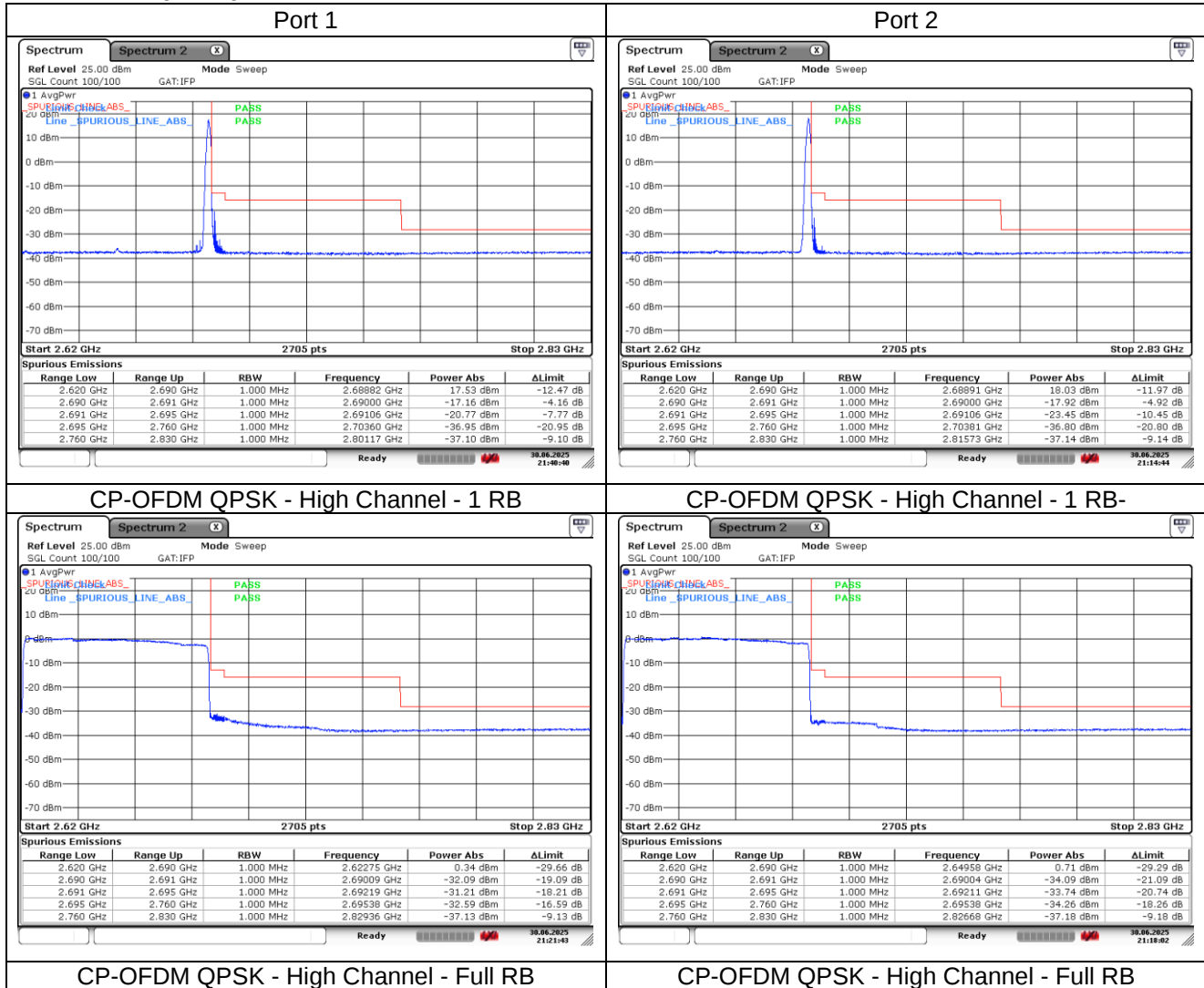


MIMO

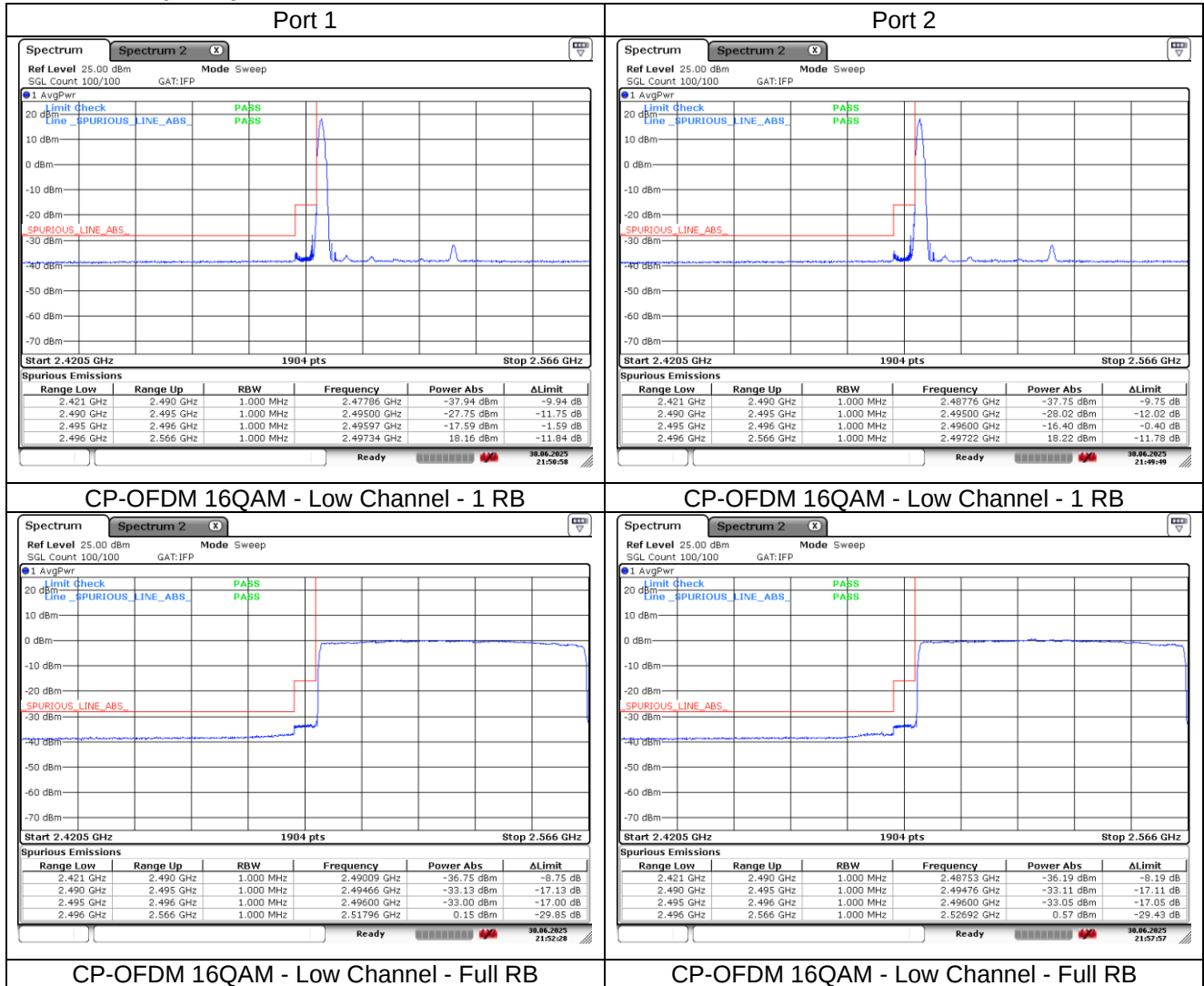
NR band 41 (70 MHz)



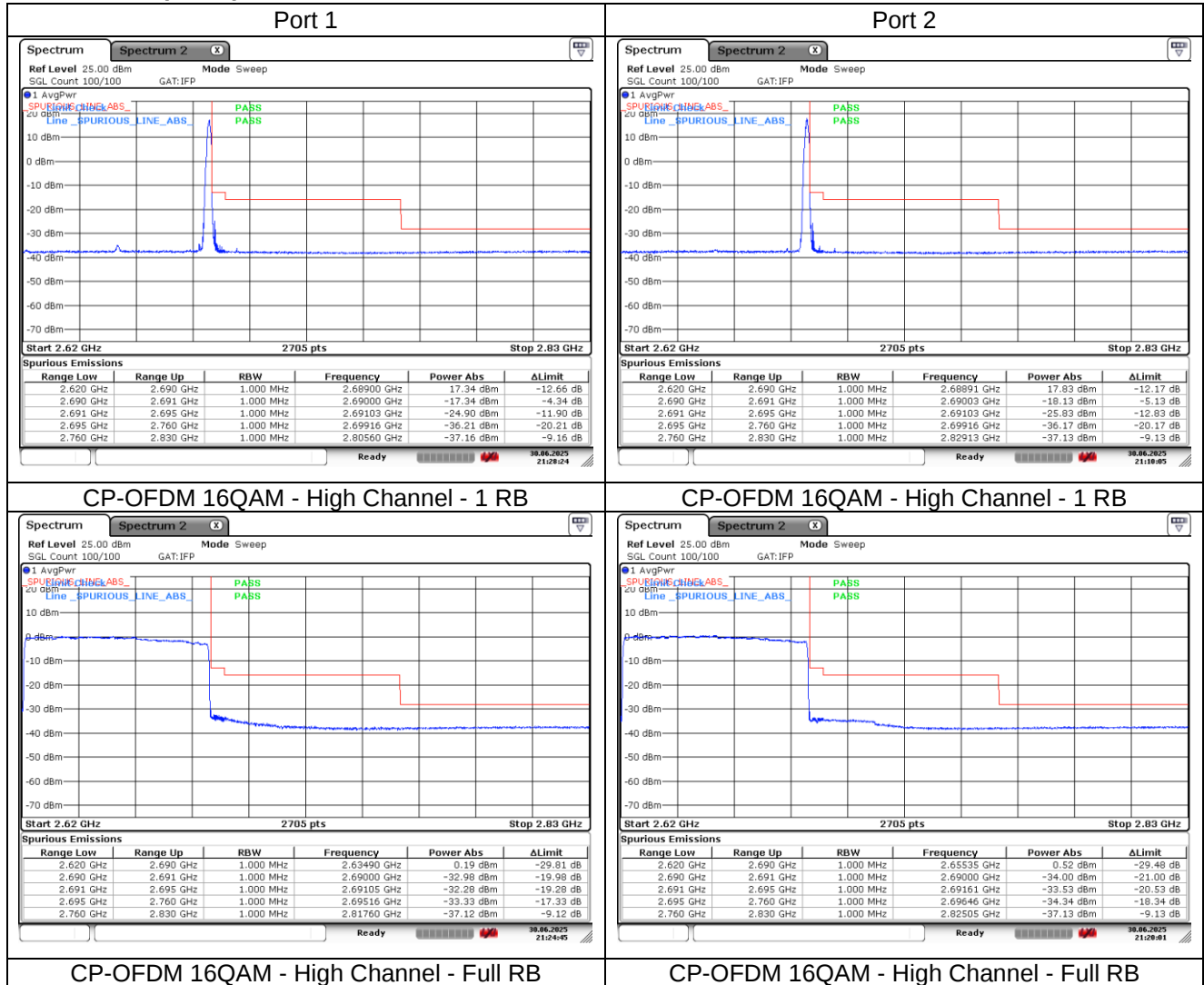
NR band 41 (70 MHz)



NR band 41 (70 MHz)



NR band 41 (70 MHz)



8. Frequency Stability

8.1. Limit

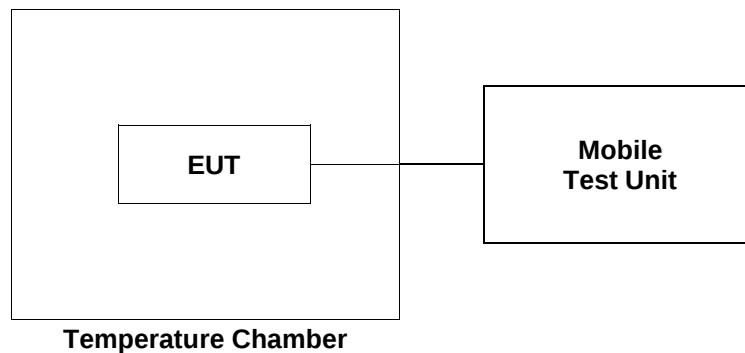
- § 2.1055 (a), § 2.1055 (d) & following:

- §24.235, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

- §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.

NR band 7

Reference Frequency: 2 535.0 MHz			
Frequency Stability versus Temperature			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
50	3.90	10.43	0.000 71
40		9.57	0.000 37
30		5.74	-0.001 14
20(Ref.)		8.62	-
10		7.76	-0.000 34
0		6.97	-0.000 65
-10		8.25	-0.000 15
-20		10.95	0.000 92
-30		9.80	0.000 47
Frequency Stability versus Power Supply			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
20	3.315 (85%)	8.30	-0.000 13
	4.485 (115%)	8.11	-0.000 20

NR band 25

Reference Frequency: 1 882.5 MHz			
Frequency Stability versus Temperature			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
50	3.90	11.71	0.001 48
40		10.06	0.000 60
30		10.60	0.000 89
20(Ref.)		8.93	-
10		7.76	-0.000 62
0		5.28	-0.001 94
-10		4.55	-0.002 33
-20		7.64	-0.000 69
-30		9.28	0.000 19
Frequency Stability versus Power Supply			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
20	3.315 (85%)	9.15	0.000 12
	4.485 (115%)	8.81	-0.000 06

NR band 41 (SISO)

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	3.90	10.12	0.001 03
40		9.56	0.000 82
30		7.56	0.000 05
20(Ref.)		7.44	-
10		7.36	-0.000 03
0		4.56	-0.001 11
-10		5.50	-0.000 75
-20		8.89	0.000 56
-30		8.79	0.000 52
Frequency Stability versus Power Supply			
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse	
		Frequency Error (Hz)	ppm
20	3.315 (85%)	7.31	-0.000 05
	4.485 (115%)	7.56	0.000 05

NR band 41 (MIMO)

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	
		Port 1	Port 2	Port 1	Port 2
50	3.90	-10.78	-10.23	-0.001 24	-0.001 20
40		-9.86	-9.15	-0.000 86	-0.000 79
30		-9.03	-8.98	-0.000 57	-0.000 72
20(Ref.)		-7.56	-7.11	-	-
10		-8.12	-6.55	-0.000 22	0.000 22
0		-6.36	-5.46	0.000 46	0.000 64
-10		-5.89	-5.02	0.000 64	0.000 81
-20		-10.13	-9.96	-0.000 99	-0.001 10
-30		-9.55	-8.86	-0.000 77	-0.000 67
Frequency Stability versus Power Supply					
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse			
		Frequency Error (Hz)		ppm	
		Port 1	Port 2	Port 1	Port 2
20	3.315 (85%)	-8.01	-7.33	-0.000 17	-0.000 08
	4.485 (115%)	-7.46	-8.25	0.000 04	-0.000 44

- End of the Test Report -