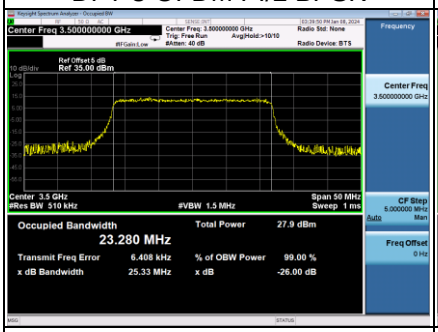
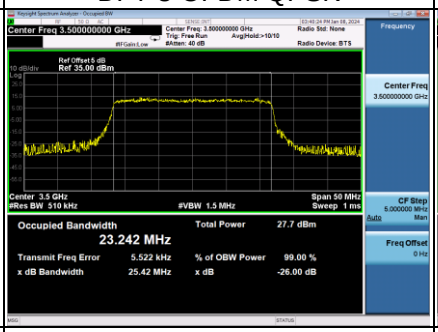
NR n77_CH656000_25MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	23.280	25.33
DFT-s-OFDM QPSK	23.242	25.42
DFT-s-OFDM 16QAM	23.287	25.49
DFT-s-OFDM 64QAM	23.187	25.27
DFT-s-OFDM 256QAM	23.236	25.22
CP-OFDM QPSK	23.269	25.55
CP-OFDM 16QAM	23.240	25.29
CP-OFDM 64QAM	23.268	25.37
CP-OFDM 256QAM	23.249	25.36

Spectrum Plot

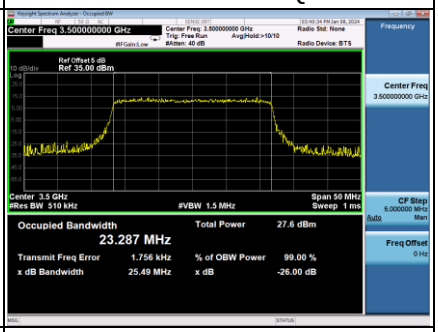
DFT-s-OFDM PI/2 BPSK



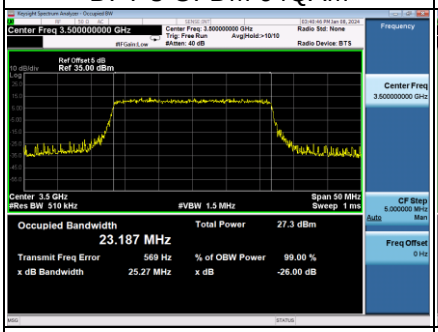
DFT-s-OFDM QPSK



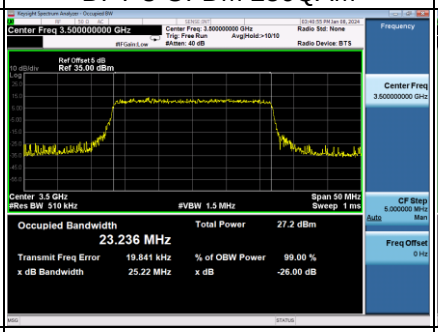
DFT-s-OFDM 16QAM



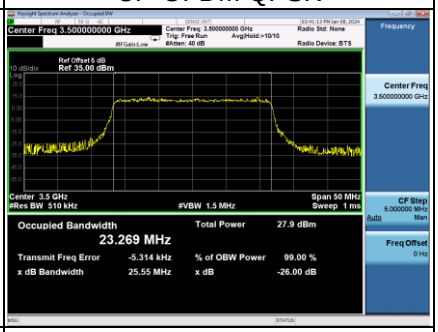
DFT-s-OFDM 64QAM



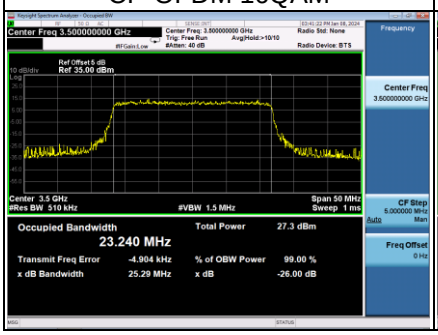
DFT-s-OFDM 256QAM



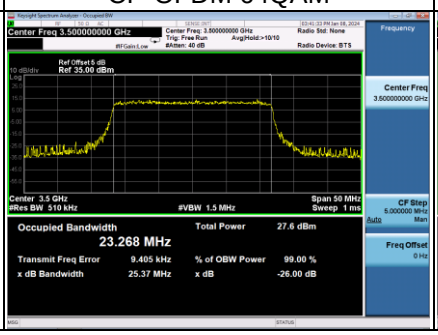
CP-OFDM QPSK



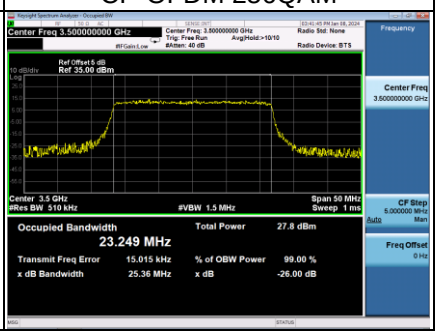
CP-OFDM 16QAM



CP-OFDM 64QAM



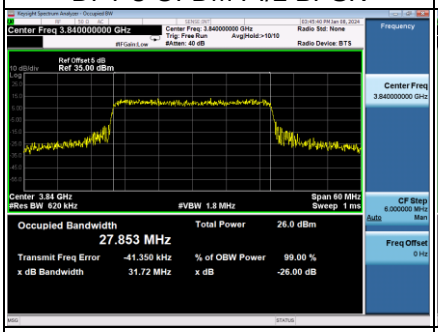
CP-OFDM 256QAM



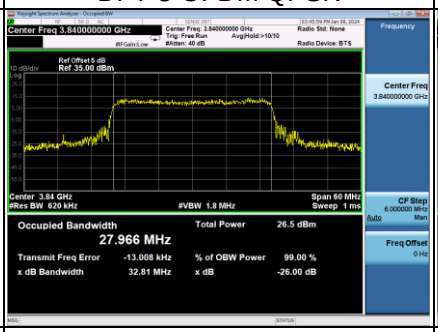
NR n77_CH656000_30MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	27.853	31.72
DFT-s-OFDM QPSK	27.966	32.81
DFT-s-OFDM 16QAM	27.890	32.43
DFT-s-OFDM 64QAM	27.970	32.16
DFT-s-OFDM 256QAM	27.887	31.24
CP-OFDM QPSK	27.971	33.08
CP-OFDM 16QAM	27.887	31.59
CP-OFDM 64QAM	27.922	32.58
CP-OFDM 256QAM	27.940	33.10

Spectrum Plot

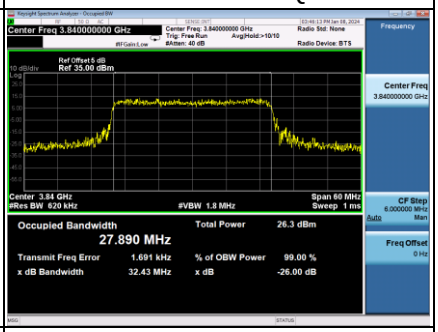
DFT-s-OFDM PI/2 BPSK



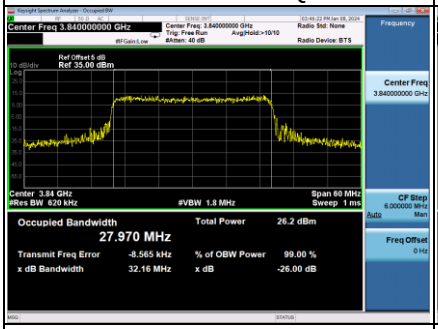
DFT-s-OFDM QPSK



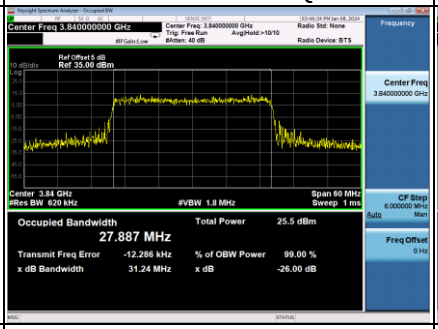
DFT-s-OFDM 16QAM



DFT-s-OFDM 64QAM

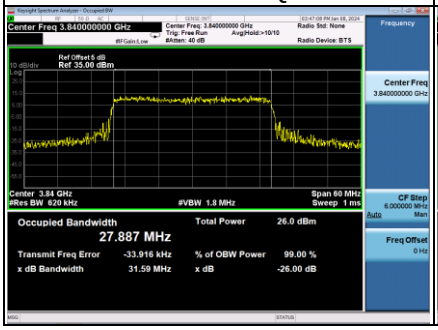


DFT-s-OFDM 256QAM

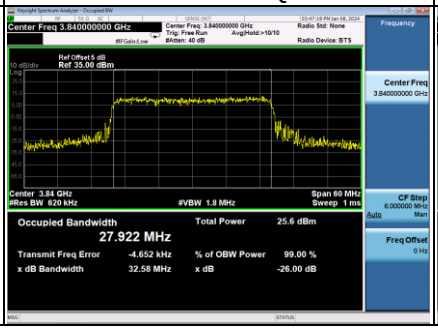


CP-OFDM QPSK

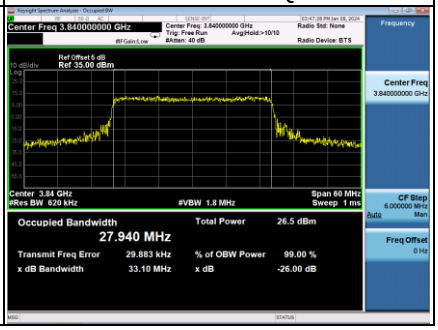
CP-OFDM 16QAM



CP-OFDM 64QAM



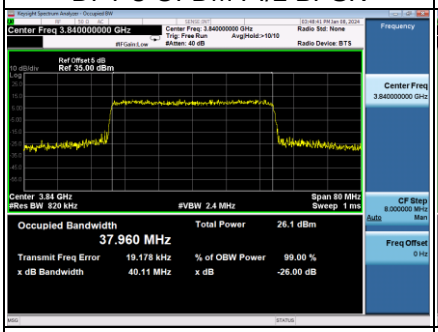
CP-OFDM 256QAM



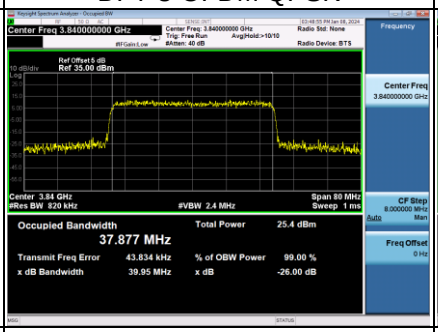
NR n77_CH656000_40MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	37.960	40.11
DFT-s-OFDM QPSK	37.877	39.95
DFT-s-OFDM 16QAM	37.854	40.01
DFT-s-OFDM 64QAM	37.870	40.16
DFT-s-OFDM 256QAM	37.890	39.94
CP-OFDM QPSK	37.877	39.89
CP-OFDM 16QAM	37.786	39.92
CP-OFDM 64QAM	37.864	40.16
CP-OFDM 256QAM	37.879	40.10

Spectrum Plot

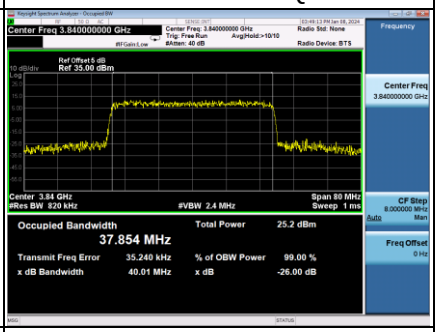
DFT-s-OFDM PI/2 BPSK



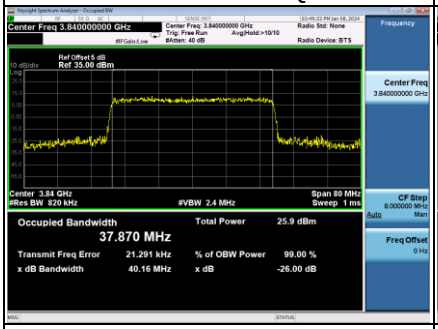
DFT-s-OFDM QPSK



DFT-s-OFDM 16QAM



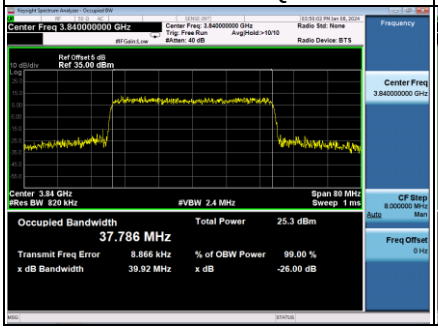
DFT-s-OFDM 64QAM



DFT-s-OFDM 256QAM

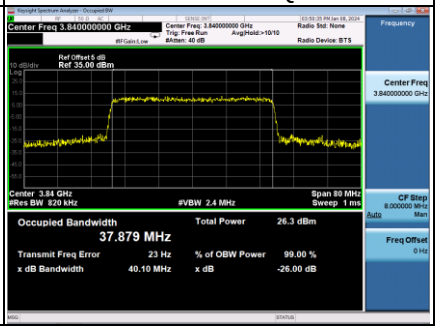
CP-OFDM QPSK

CP-OFDM 16QAM



CP-OFDM 64QAM

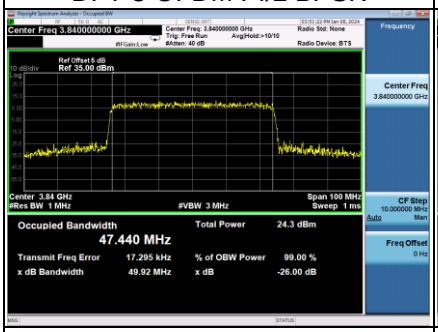
CP-OFDM 256QAM



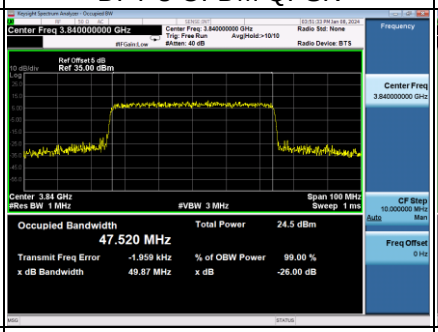
NR n77_CH656000_50MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	47.440	49.92
DFT-s-OFDM QPSK	47.520	49.87
DFT-s-OFDM 16QAM	47.543	50.14
DFT-s-OFDM 64QAM	47.476	50.27
DFT-s-OFDM 256QAM	47.478	49.83
CP-OFDM QPSK	47.414	49.95
CP-OFDM 16QAM	47.392	50.01
CP-OFDM 64QAM	47.421	50.50
CP-OFDM 256QAM	47.320	49.87

Spectrum Plot

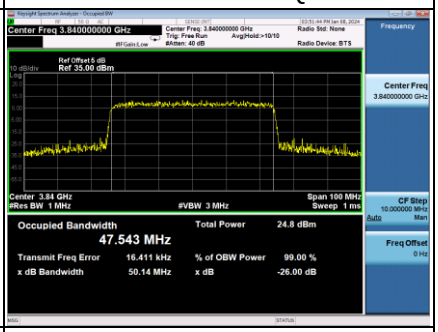
DFT-s-OFDM PI/2 BPSK



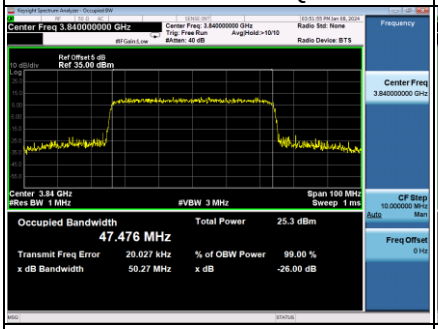
DFT-s-OFDM QPSK



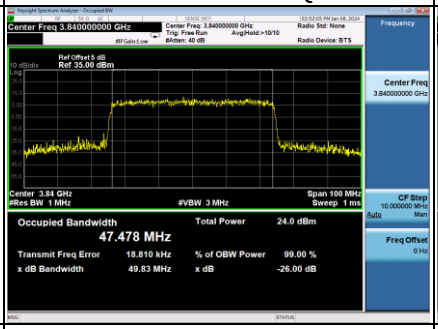
DFT-s-OFDM 16QAM



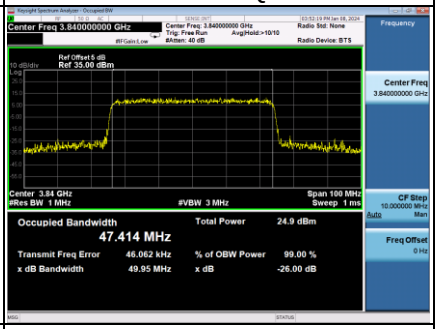
DFT-s-OFDM 64QAM



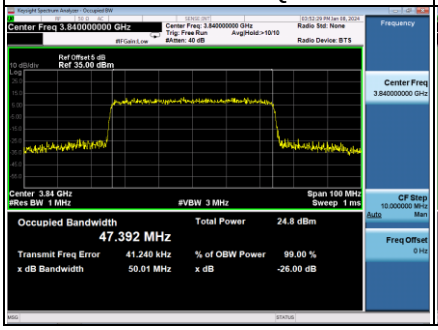
DFT-s-OFDM 256QAM



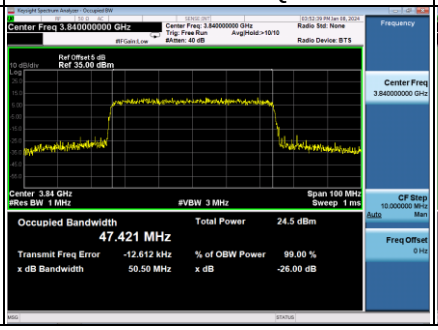
CP-OFDM QPSK



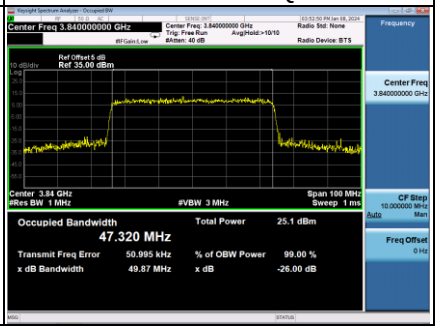
CP-OFDM 16QAM



CP-OFDM 64QAM



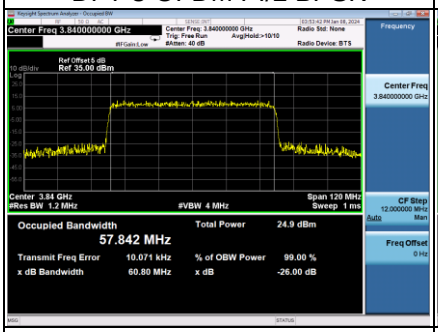
CP-OFDM 256QAM



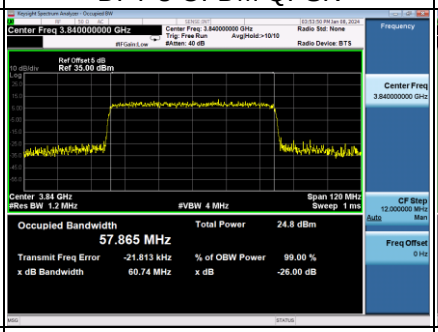
NR n77_CH656000_60MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	57.842	60.80
DFT-s-OFDM QPSK	57.865	60.74
DFT-s-OFDM 16QAM	57.714	60.80
DFT-s-OFDM 64QAM	57.878	60.74
DFT-s-OFDM 256QAM	57.886	60.74
CP-OFDM QPSK	57.811	60.89
CP-OFDM 16QAM	57.823	60.95
CP-OFDM 64QAM	57.797	60.97
CP-OFDM 256QAM	57.839	60.78

Spectrum Plot

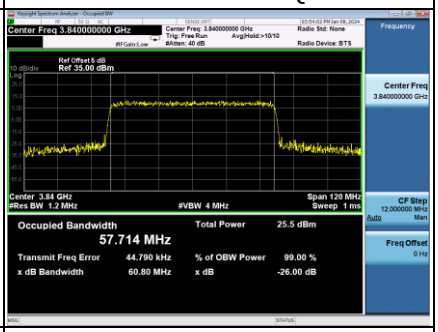
DFT-s-OFDM PI/2 BPSK



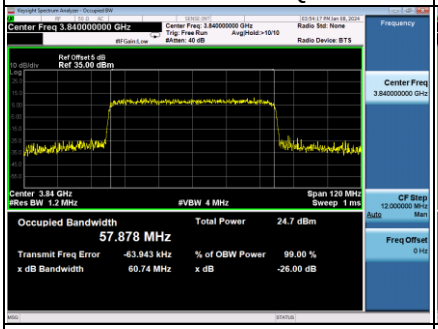
DFT-s-OFDM QPSK



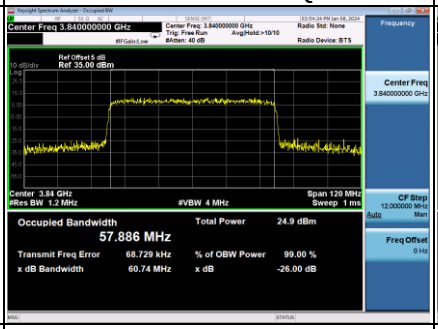
DFT-s-OFDM 16QAM



DFT-s-OFDM 64QAM

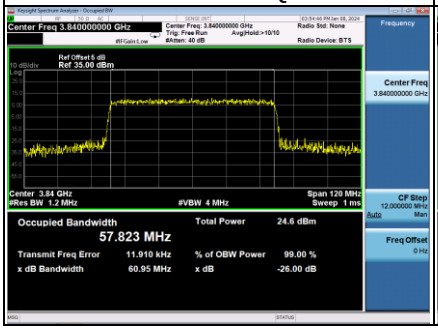


DFT-s-OFDM 256QAM

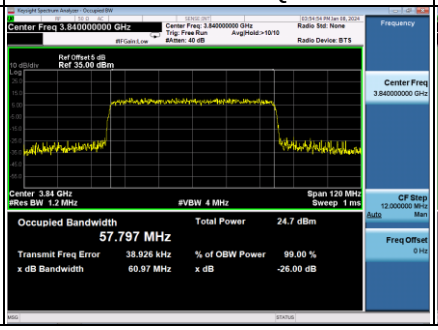


CP-OFDM QPSK

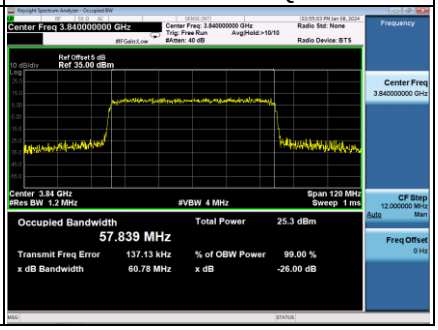
CP-OFDM 16QAM



CP-OFDM 64QAM



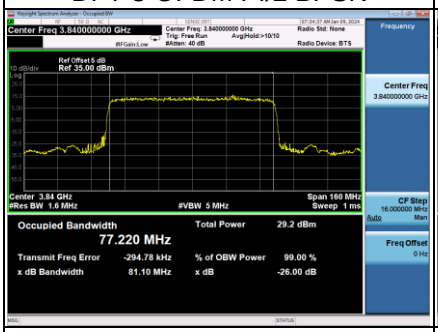
CP-OFDM 256QAM



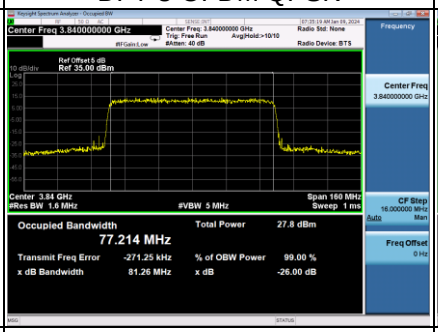
NR n77_CH656000_80MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	77.220	81.10
DFT-s-OFDM QPSK	77.214	81.26
DFT-s-OFDM 16QAM	77.138	81.08
DFT-s-OFDM 64QAM	77.310	81.15
DFT-s-OFDM 256QAM	77.237	81.08
CP-OFDM QPSK	77.523	81.70
CP-OFDM 16QAM	77.478	81.36
CP-OFDM 64QAM	77.607	81.50
CP-OFDM 256QAM	77.333	81.47

Spectrum Plot

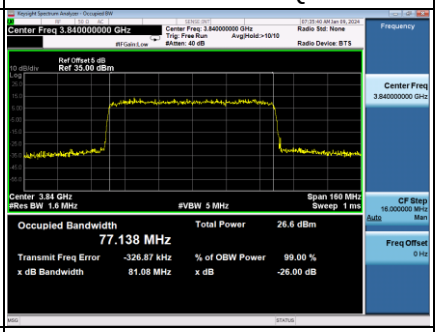
DFT-s-OFDM PI/2 BPSK



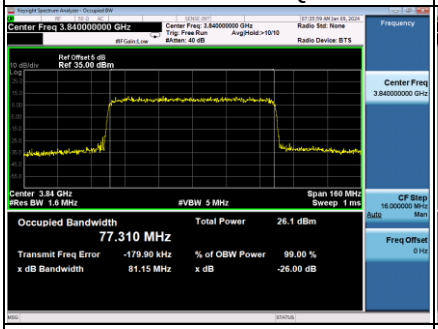
DFT-s-OFDM QPSK



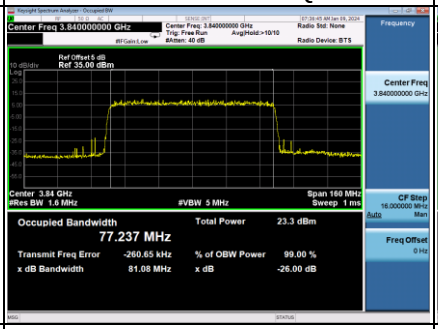
DFT-s-OFDM 16QAM



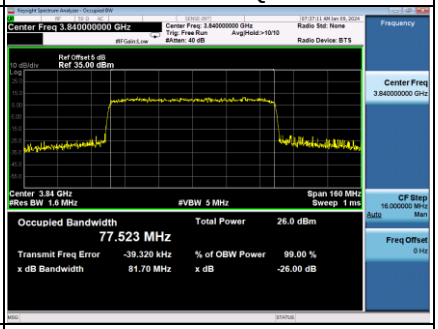
DFT-s-OFDM 64QAM



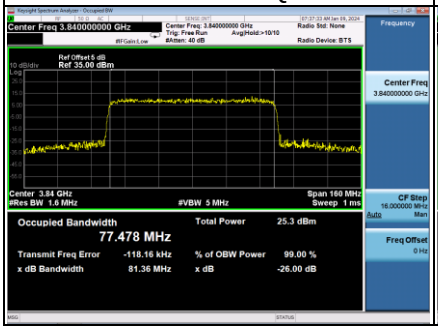
DFT-s-OFDM 256QAM



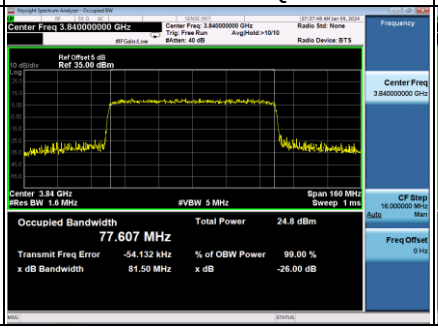
CP-OFDM QPSK



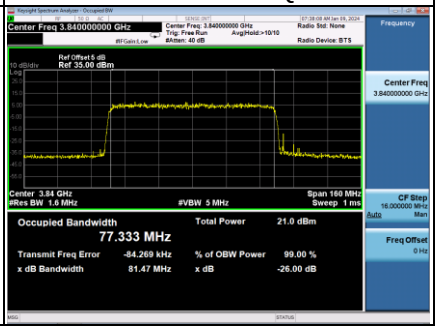
CP-OFDM 16QAM



CP-OFDM 64QAM



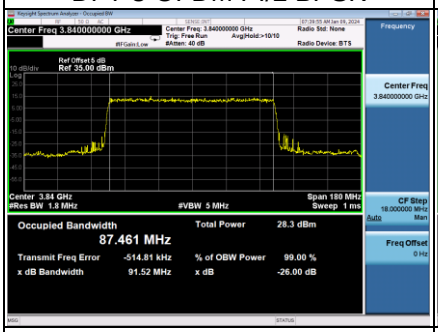
CP-OFDM 256QAM



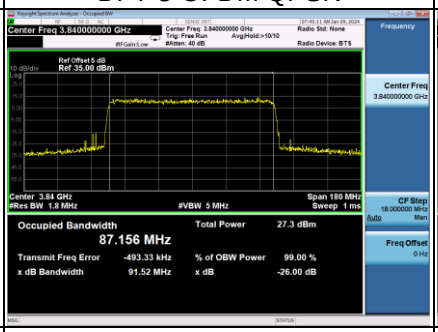
NR n77_CH656000_90MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	87.461	91.52
DFT-s-OFDM QPSK	87.156	91.52
DFT-s-OFDM 16QAM	87.210	92.12
DFT-s-OFDM 64QAM	87.399	91.85
DFT-s-OFDM 256QAM	87.328	91.68
CP-OFDM QPSK	87.869	92.16
CP-OFDM 16QAM	87.908	92.32
CP-OFDM 64QAM	87.774	93.07
CP-OFDM 256QAM	88.069	92.22

Spectrum Plot

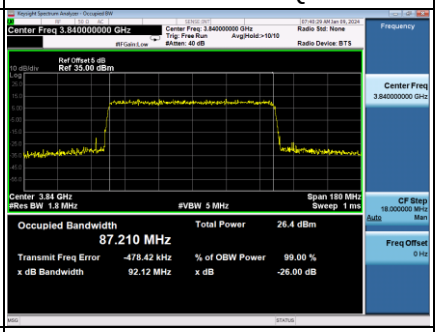
DFT-s-OFDM PI/2 BPSK



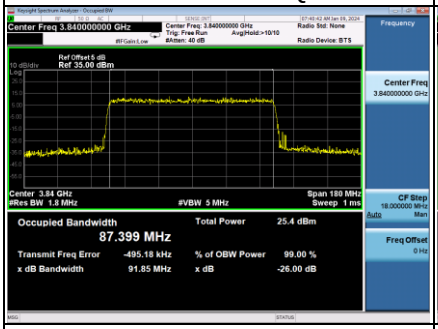
DFT-s-OFDM QPSK



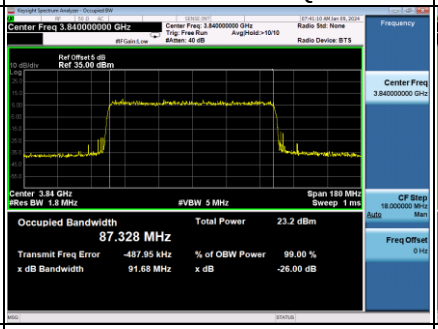
DFT-s-OFDM 16QAM



DFT-s-OFDM 64QAM



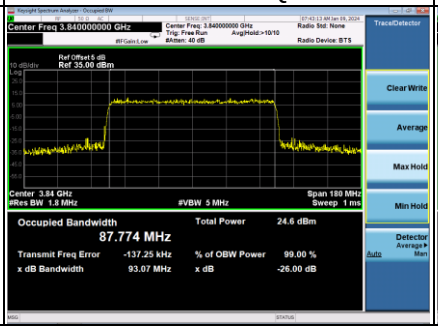
DFT-s-OFDM 256QAM



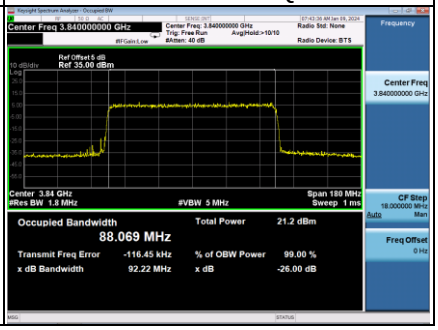
CP-OFDM QPSK

CP-OFDM 16QAM

CP-OFDM 64QAM



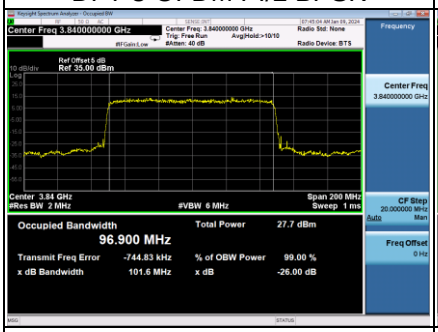
CP-OFDM 256QAM



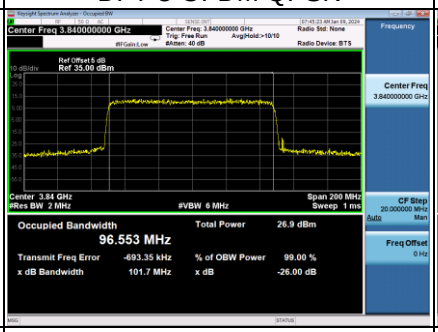
NR n77_CH656000_100MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	96.900	101.6
DFT-s-OFDM QPSK	96.553	101.7
DFT-s-OFDM 16QAM	96.701	101.7
DFT-s-OFDM 64QAM	96.717	101.5
DFT-s-OFDM 256QAM	96.568	101.5
CP-OFDM QPSK	97.600	102.5
CP-OFDM 16QAM	97.696	102.5
CP-OFDM 64QAM	97.448	102.5
CP-OFDM 256QAM	97.720	102.6

Spectrum Plot

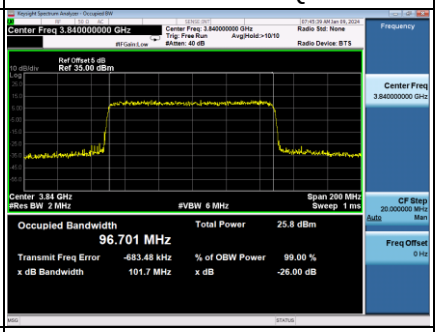
DFT-s-OFDM PI/2 BPSK



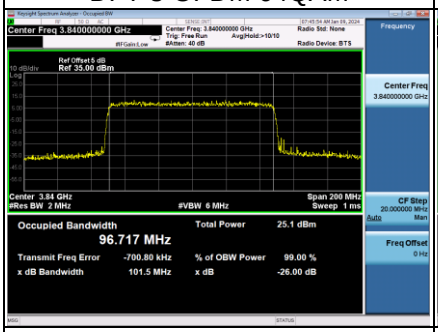
DFT-s-OFDM QPSK



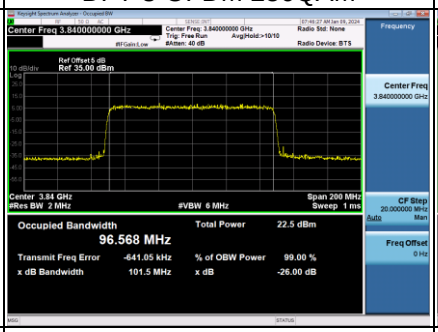
DFT-s-OFDM 16QAM



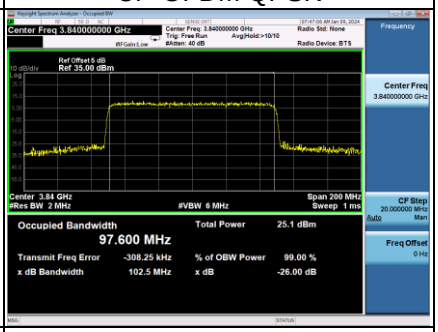
DFT-s-OFDM 64QAM



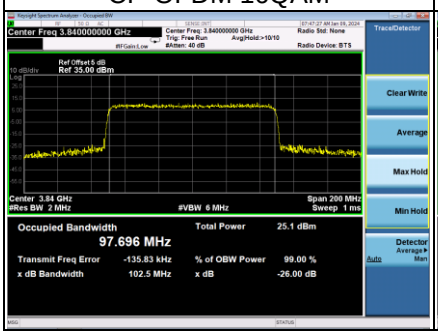
DFT-s-OFDM 256QAM



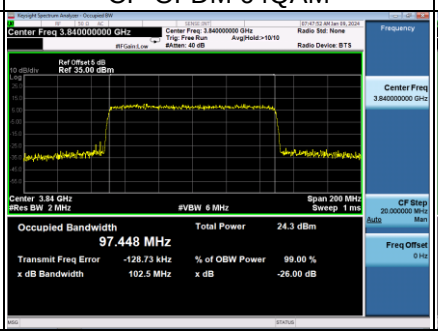
CP-OFDM QPSK



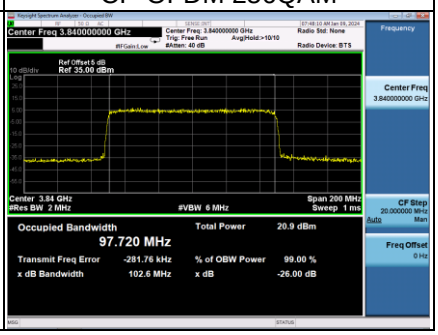
CP-OFDM 16QAM



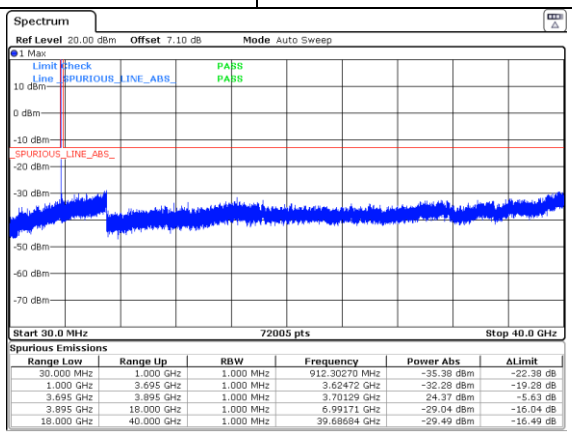
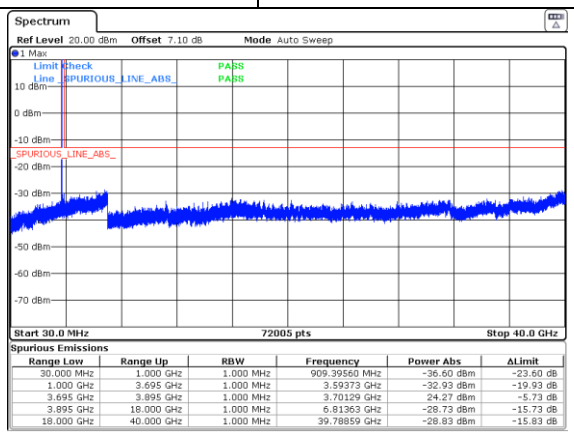
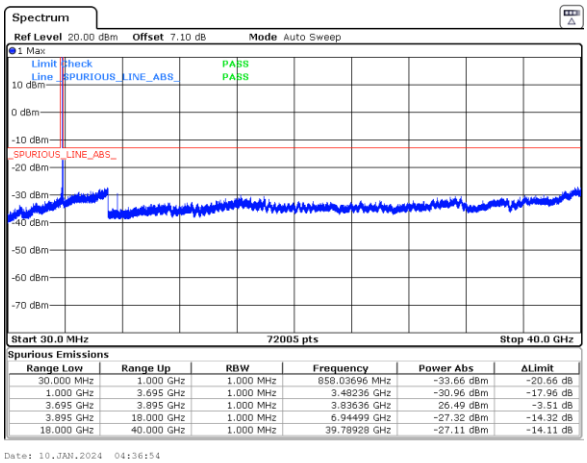
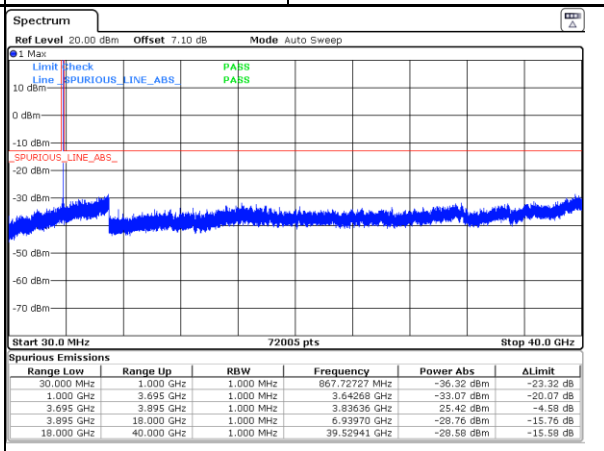
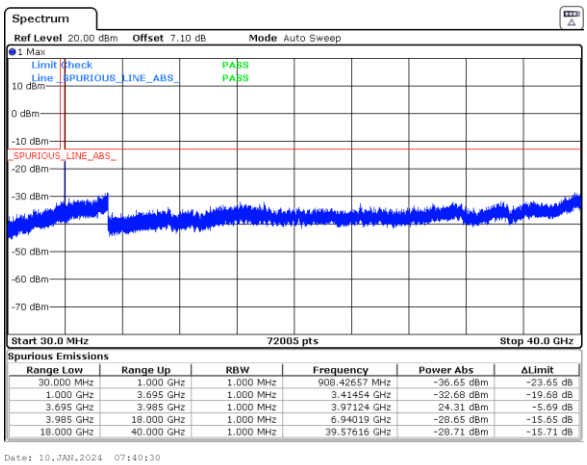
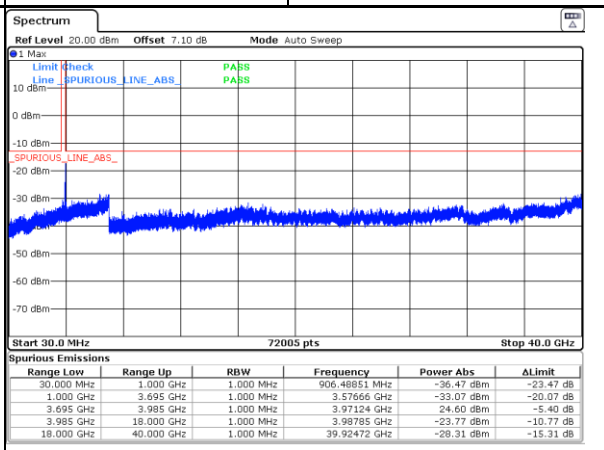
CP-OFDM 64QAM



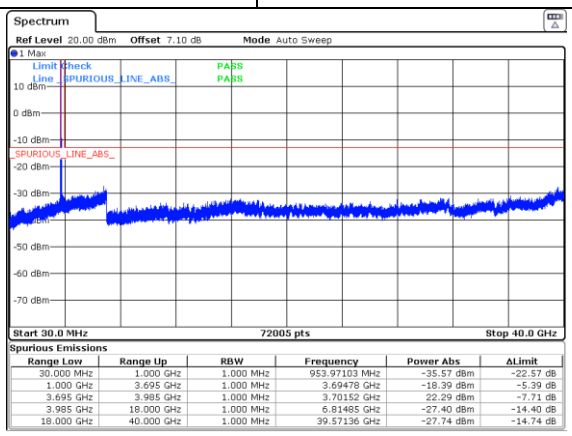
CP-OFDM 256QAM

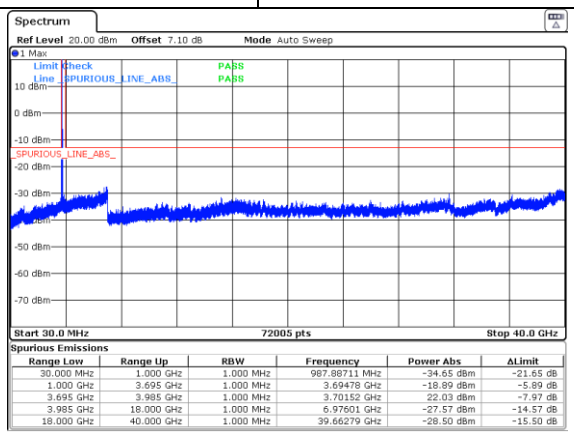


APPENDIX C - CONDUCTED SPURIOUS EMISSIONS

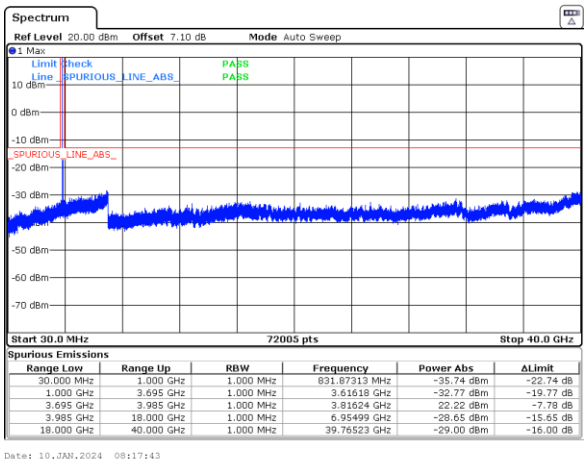
NR n77_10M Spectrum Plot			
DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK	
Channel	647000	Channel	647000
			
Channel	656000	Channel	656000
			
Channel	665000	Channel	665000
			

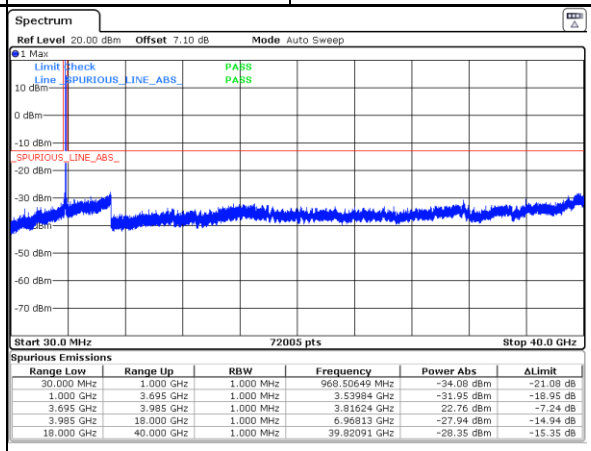
NR n77_50M Spectrum Plot			
DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK	
Channel	648334	Channel	648334



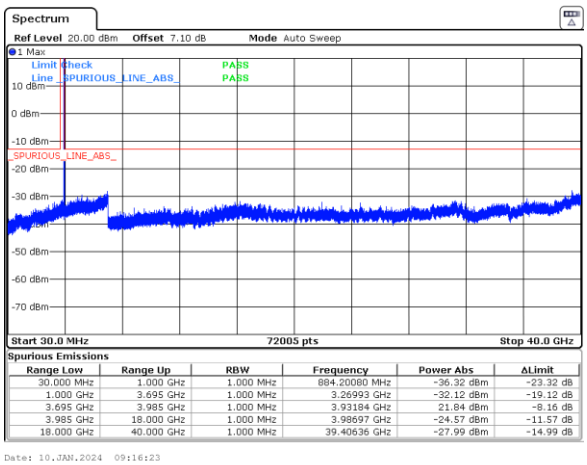


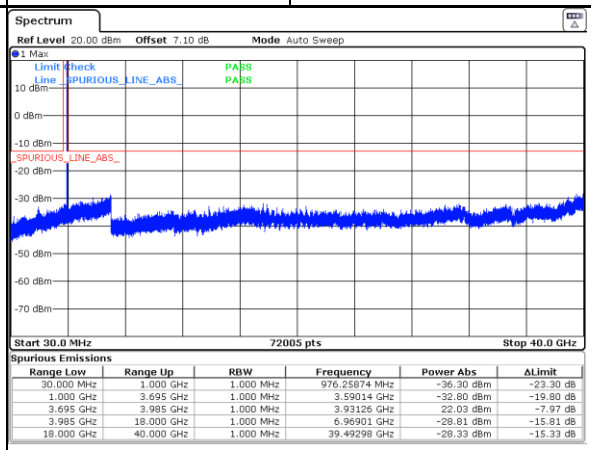
Channel	656000	Channel	656000

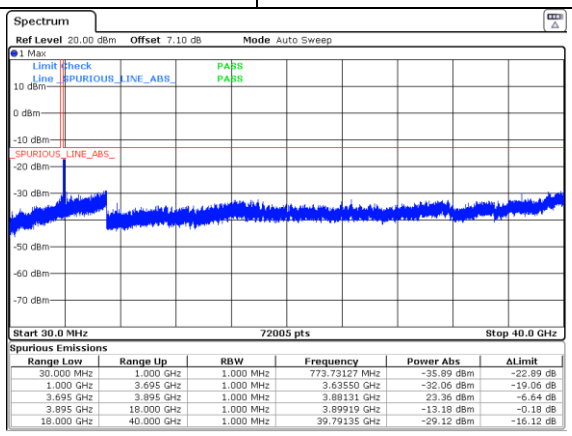
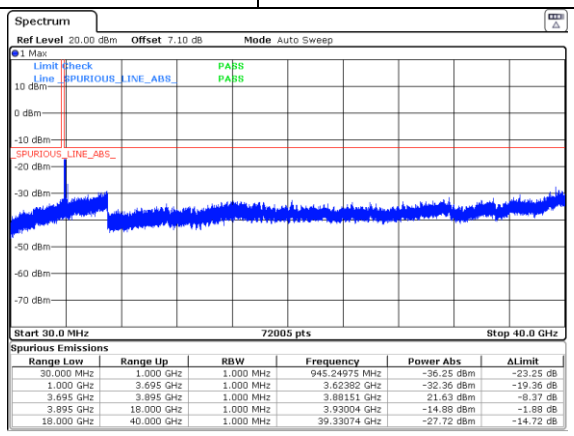
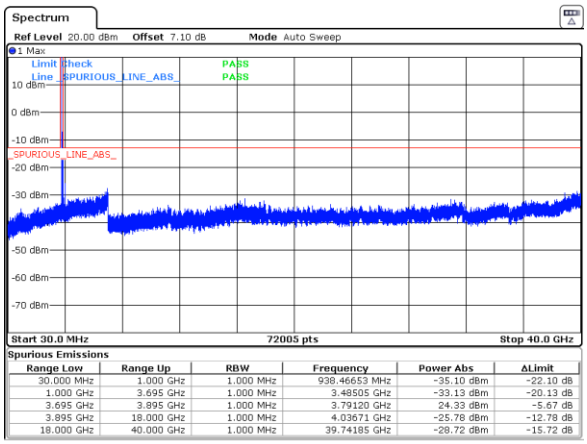
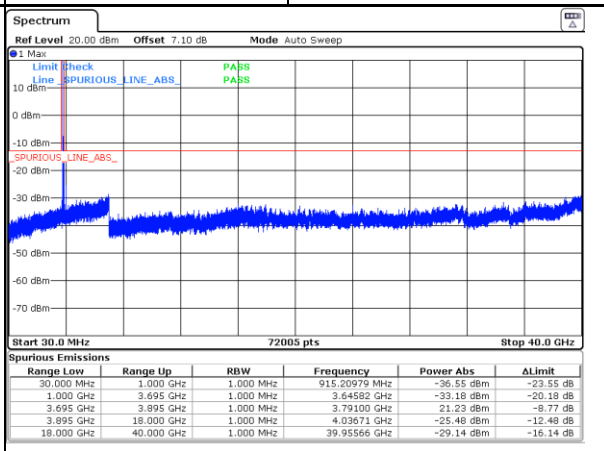
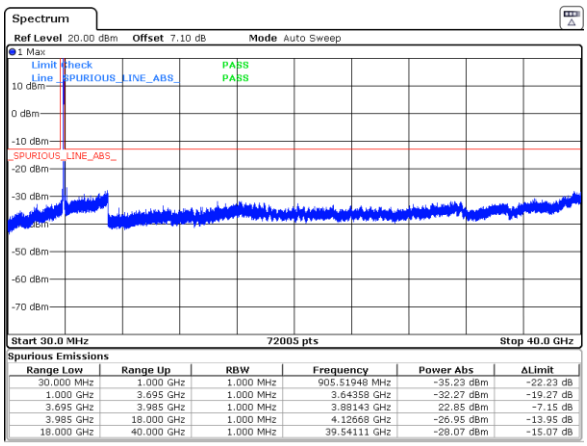
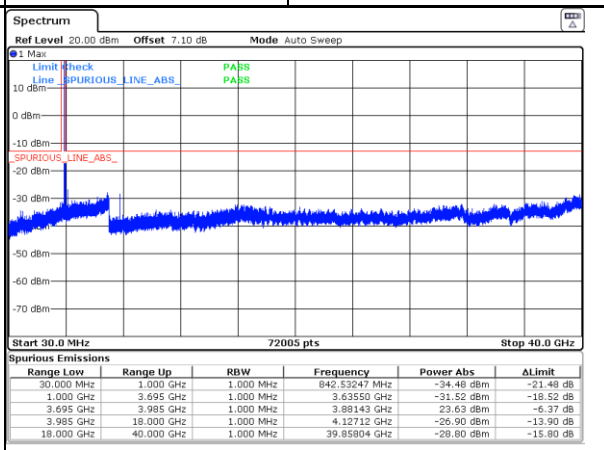


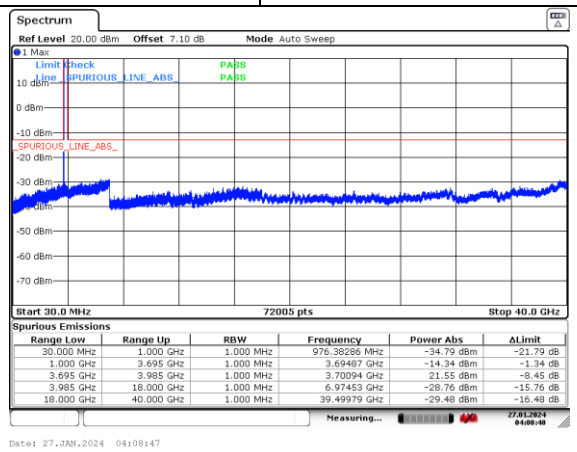
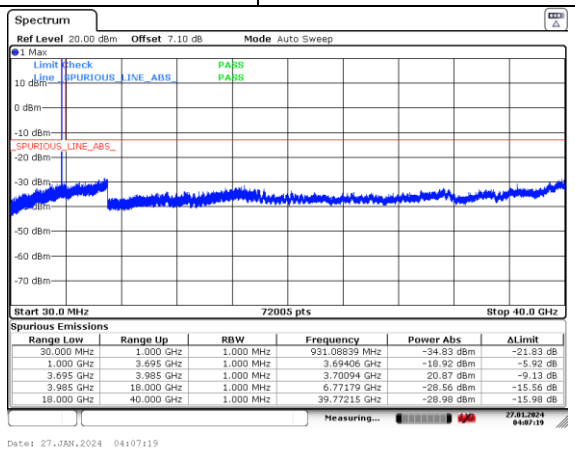
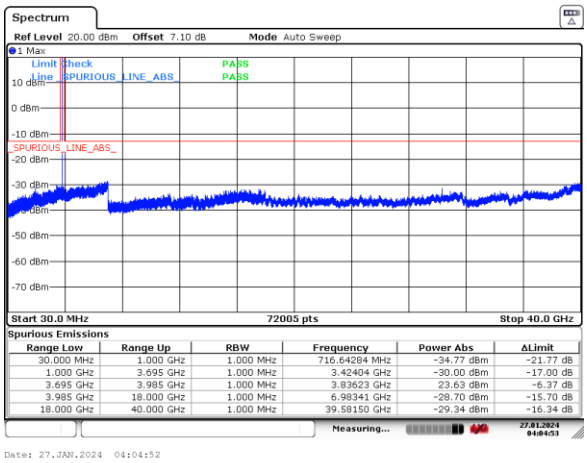
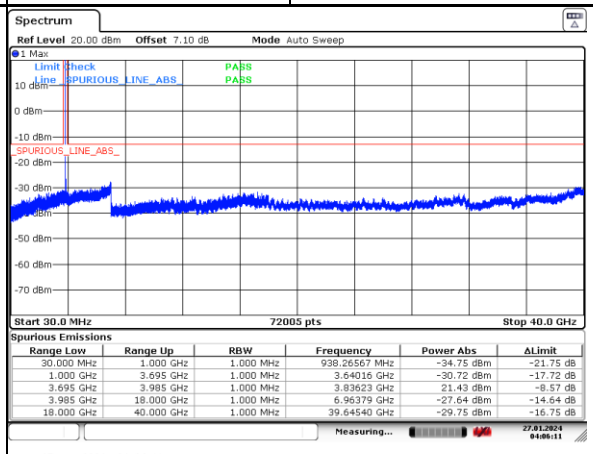


Channel	663666	Channel	663666





NR n77_100M Spectrum Plot			
DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK	
Channel	650000	Channel	650000
 Spurious Emissions Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit 30.000 MHz | 1.000 GHz | 1.000 MHz | 773.73127 MHz | -35.89 dBm | -22.89 dB 1.000 GHz | 3.695 GHz | 1.000 MHz | 3.63550 GHz | -32.06 dBm | -19.06 dB 3.695 GHz | 3.895 GHz | 1.000 MHz | 3.88131 GHz | 23.36 dBm | -6.64 dB 3.895 GHz | 18.000 GHz | 1.000 MHz | 3.89919 GHz | -13.18 dBm | -0.18 dB 18.000 GHz | 40.000 GHz | 1.000 MHz | 39.79135 GHz | -29.12 dBm | -16.12 dB Date: 10.JAN.2024 09:22:08		 Spurious Emissions Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit 30.000 MHz | 1.000 GHz | 1.000 MHz | 945.24975 MHz | -36.25 dBm | -23.25 dB 1.000 GHz | 3.695 GHz | 1.000 MHz | 3.62382 GHz | -32.36 dBm | -19.36 dB 3.695 GHz | 3.895 GHz | 1.000 MHz | 3.88151 GHz | 21.63 dBm | -8.37 dB 3.895 GHz | 18.000 GHz | 1.000 MHz | 3.93004 GHz | -14.88 dBm | -1.88 dB 18.000 GHz | 40.000 GHz | 1.000 MHz | 39.33074 GHz | -27.72 dBm | -14.72 dB Date: 10.JAN.2024 09:21:31
Channel	656000	Channel	656000
 Spurious Emissions Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit 30.000 MHz | 1.000 GHz | 1.000 MHz | 938.46653 MHz | -35.10 dBm | -22.10 dB 1.000 GHz | 3.695 GHz | 1.000 MHz | 3.48505 GHz | -33.13 dBm | -20.13 dB 3.695 GHz | 3.895 GHz | 1.000 MHz | 3.79120 GHz | 24.33 dBm | -5.67 dB 3.895 GHz | 18.000 GHz | 1.000 MHz | 4.03671 GHz | -25.78 dBm | -12.78 dB 18.000 GHz | 40.000 GHz | 1.000 MHz | 39.74185 GHz | -28.72 dBm | -15.72 dB Date: 10.JAN.2024 09:23:12		 Spurious Emissions Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit 30.000 MHz | 1.000 GHz | 1.000 MHz | 915.20979 MHz | -36.55 dBm | -23.55 dB 1.000 GHz | 3.695 GHz | 1.000 MHz | 3.64582 GHz | -33.18 dBm | -20.18 dB 3.695 GHz | 3.895 GHz | 1.000 MHz | 3.79100 GHz | 21.23 dBm | -8.77 dB 3.895 GHz | 18.000 GHz | 1.000 MHz | 4.03671 GHz | -25.48 dBm | -12.48 dB 18.000 GHz | 40.000 GHz | 1.000 MHz | 39.95566 GHz | -29.14 dBm | -16.14 dB Date: 10.JAN.2024 09:24:55
Channel	662000	Channel	662000
 Spurious Emissions Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit 30.000 MHz | 1.000 GHz | 1.000 MHz | 905.51948 MHz | -35.23 dBm | -22.23 dB 1.000 GHz | 3.695 GHz | 1.000 MHz | 3.64358 GHz | -32.27 dBm | -19.27 dB 3.695 GHz | 3.985 GHz | 1.000 MHz | 3.88143 GHz | 22.85 dBm | -7.15 dB 3.985 GHz | 18.000 GHz | 1.000 MHz | 4.12668 GHz | -26.95 dBm | -13.95 dB 18.000 GHz | 40.000 GHz | 1.000 MHz | 39.54111 GHz | -28.07 dBm | -15.07 dB Date: 10.JAN.2024 09:18:44		 Spurious Emissions Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit 30.000 MHz | 1.000 GHz | 1.000 MHz | 842.53247 MHz | -34.48 dBm | -21.48 dB 1.000 GHz | 3.695 GHz | 1.000 MHz | 3.63550 GHz | -31.52 dBm | -18.52 dB 3.695 GHz | 3.985 GHz | 1.000 MHz | 3.88143 GHz | 23.63 dBm | -6.37 dB 3.985 GHz | 18.000 GHz | 1.000 MHz | 4.12712 GHz | -26.90 dBm | -13.90 dB 18.000 GHz | 40.000 GHz | 1.000 MHz | 39.85804 GHz | -28.80 dBm | -15.80 dB Date: 10.JAN.2024 09:19:15

NR n77 MIMO_Ant.3_10M Spectrum Plot			
CP-OFDM QPSK		CP-OFDM 16QAM	
Channel	647000	Channel	647000
			
Channel	656000	Channel	656000
			
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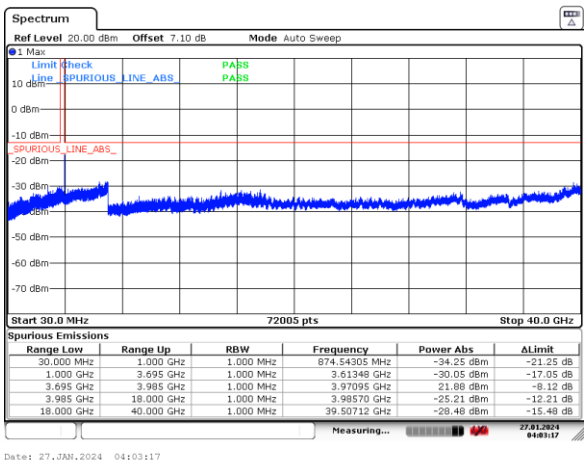		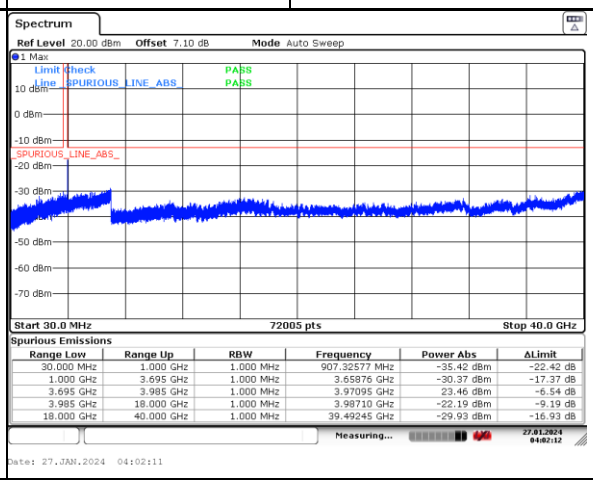	

NR n77 MIMO_Ant.3_50M Spectrum Plot			
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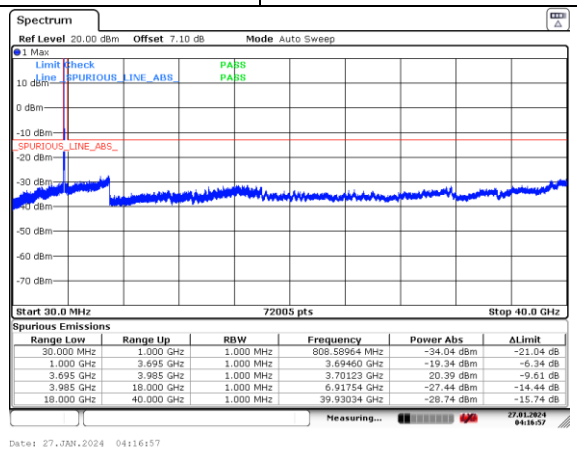		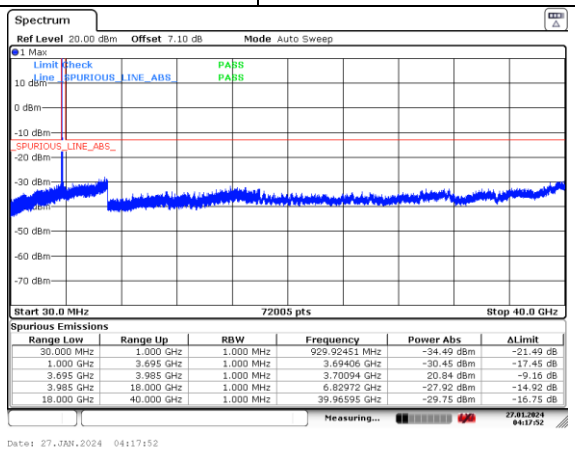	
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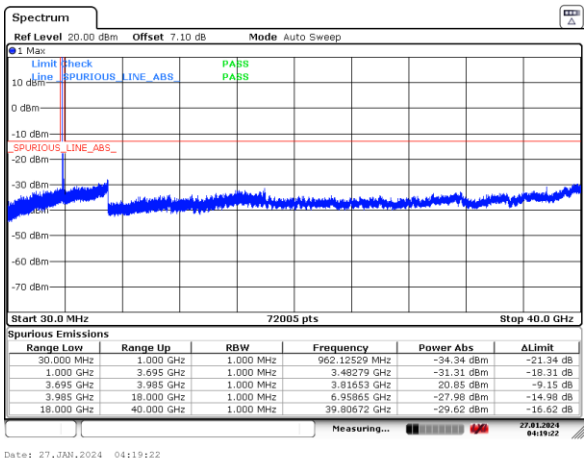		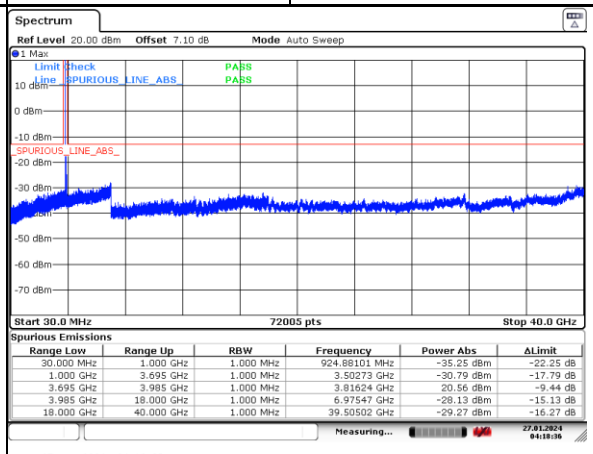	
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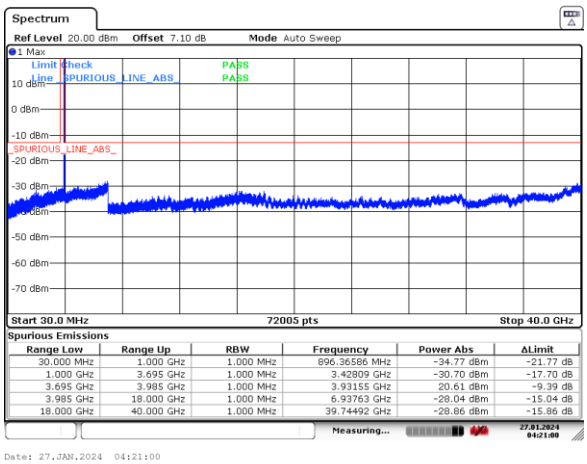		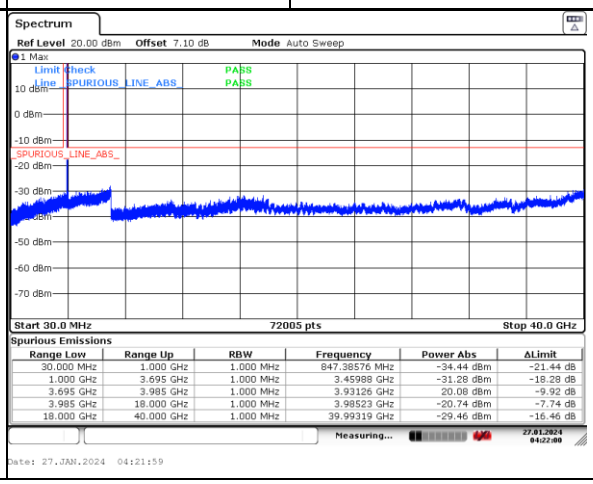	

NR n77 MIMO_Ant.3_100M Spectrum Plot			
CP-OFDM QPSK		CP-OFDM 16QAM	
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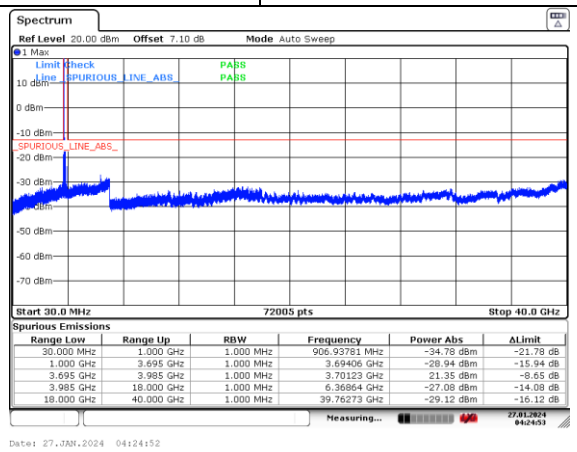		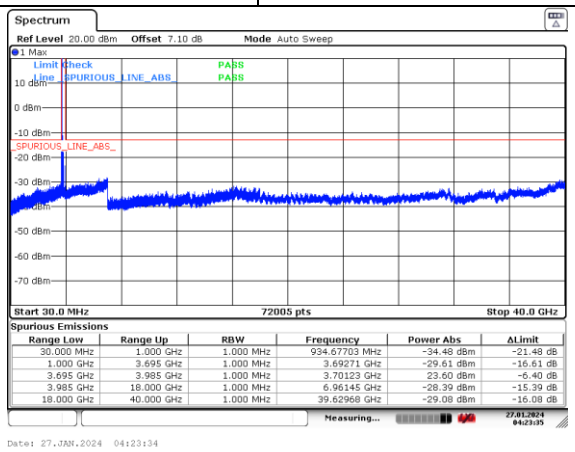	
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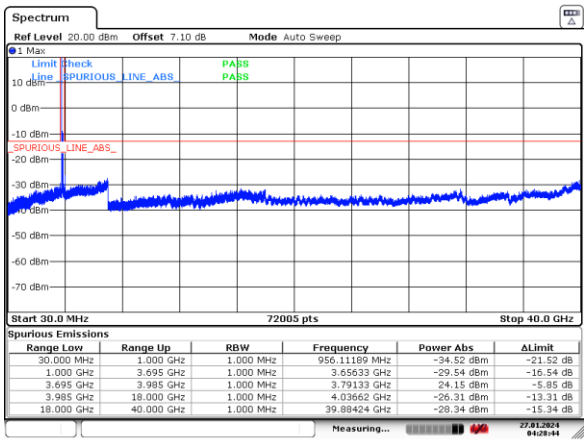		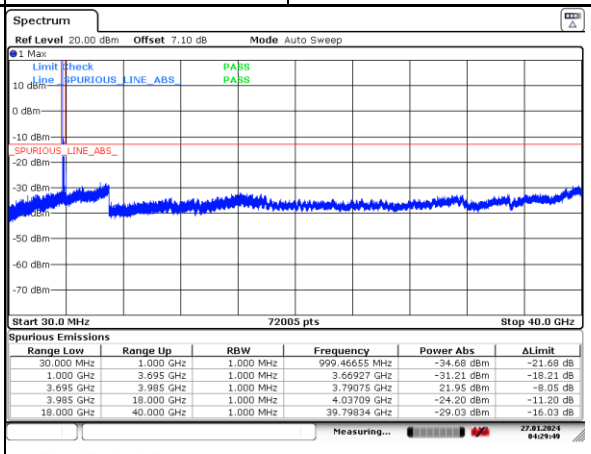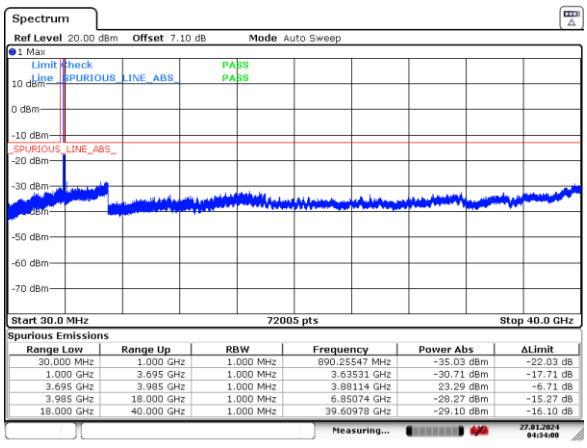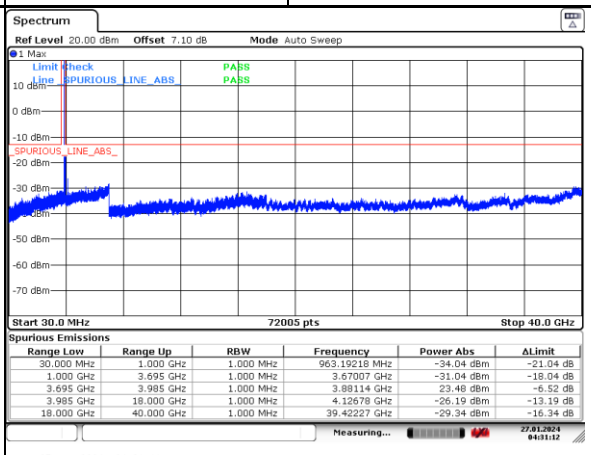	
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