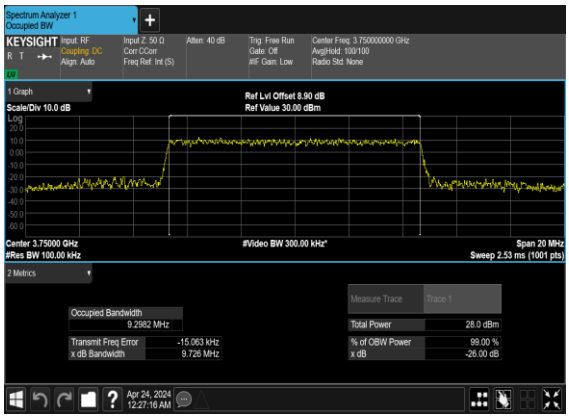
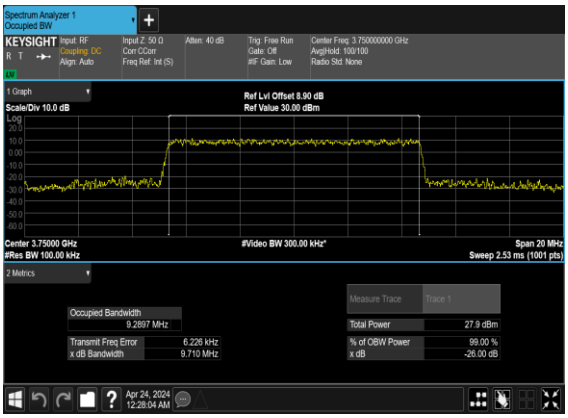
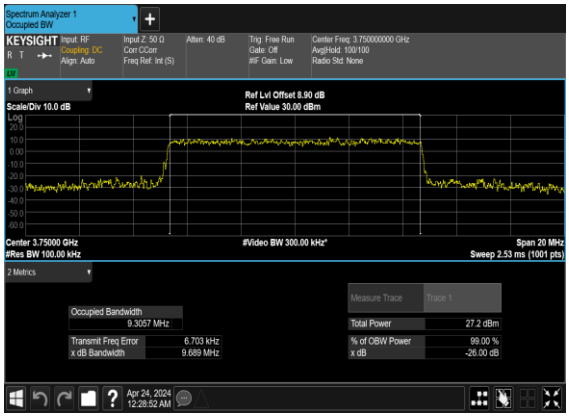
N78(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N78(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

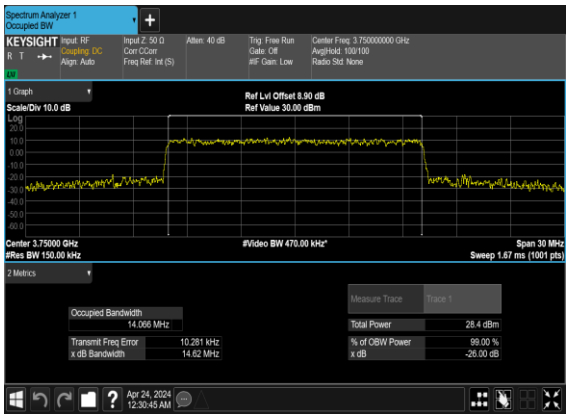


N78(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

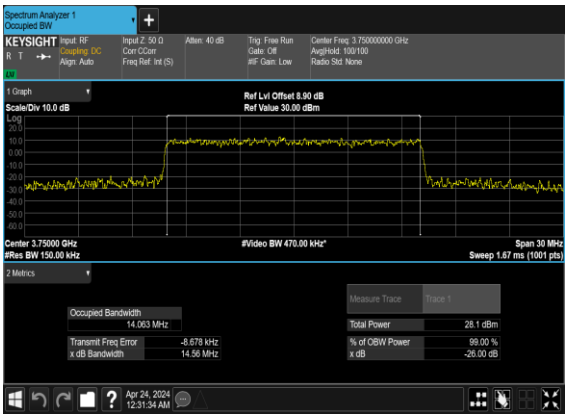


N78(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

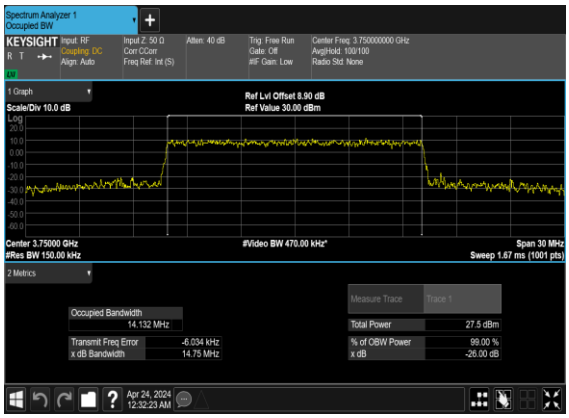
N78(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



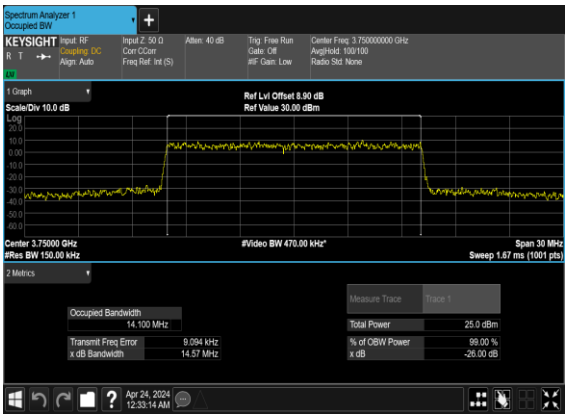
N78(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



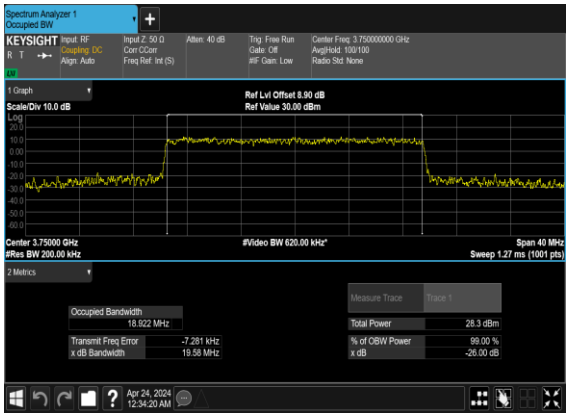
N78(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



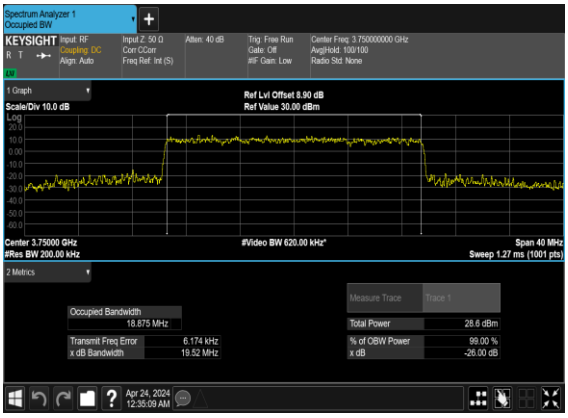
N78(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



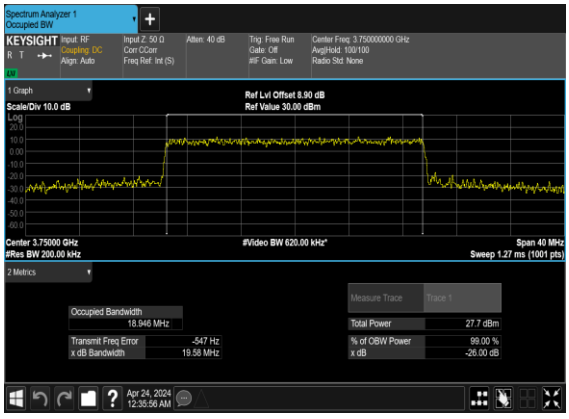
N78(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N78(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

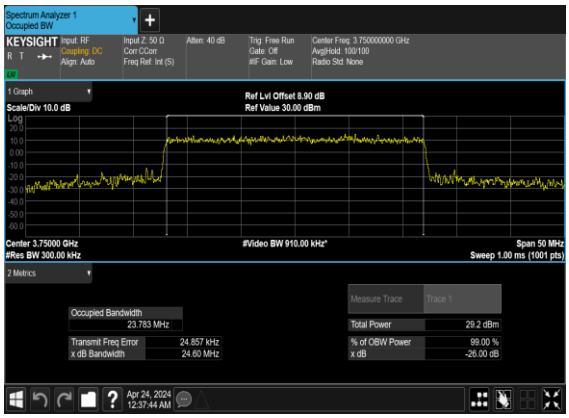


N78(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

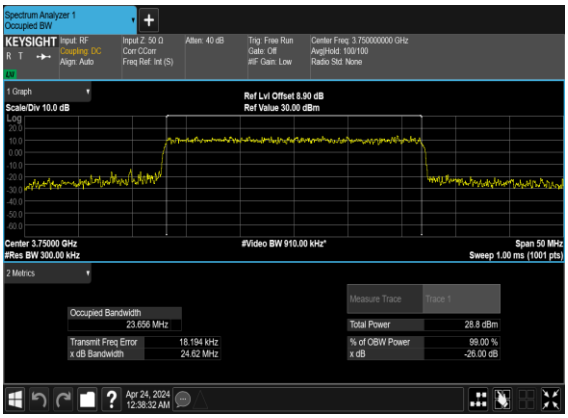


N78(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

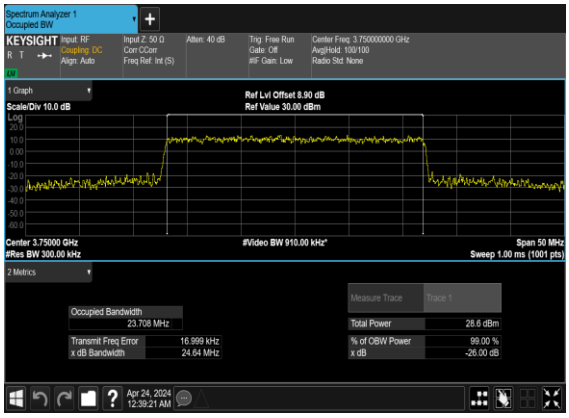
N78(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N78(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

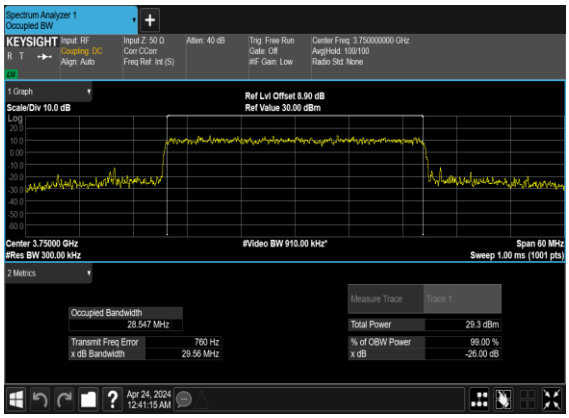


N78(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

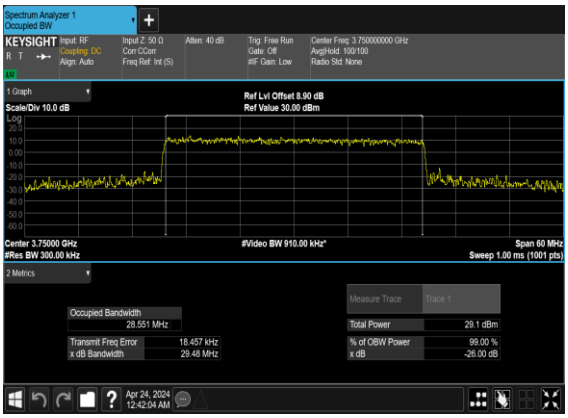


N78(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

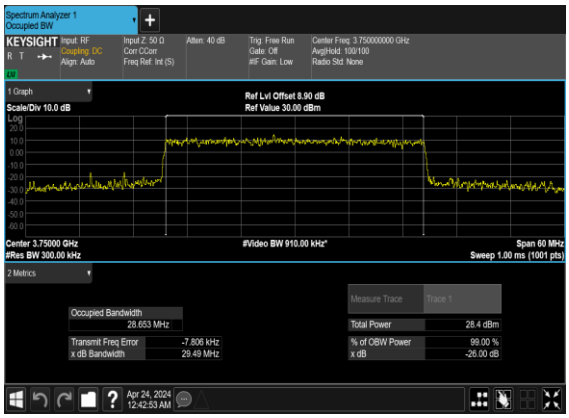
N78(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



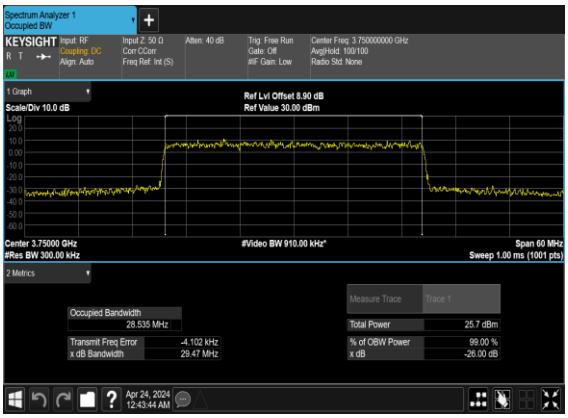
N78(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



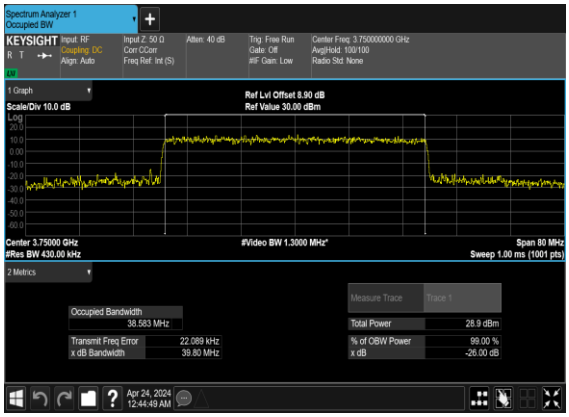
N78(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



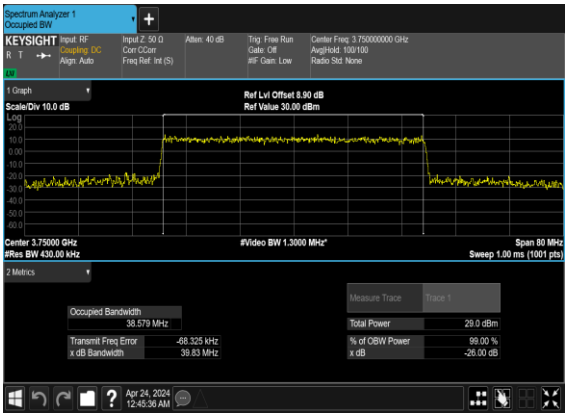
N78(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



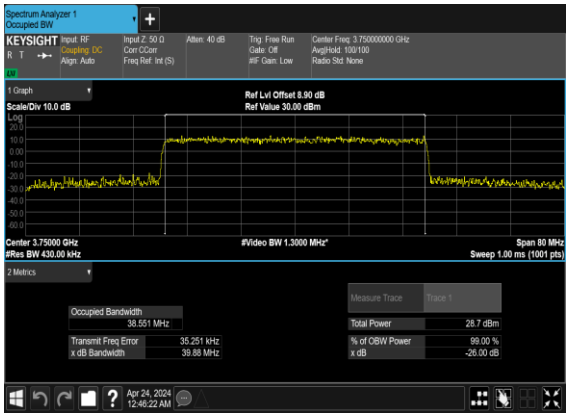
N78(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



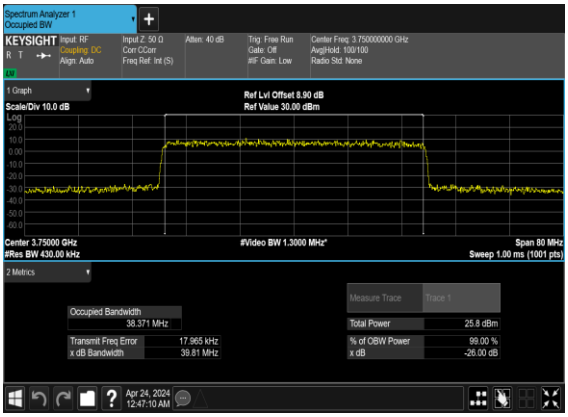
N78(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



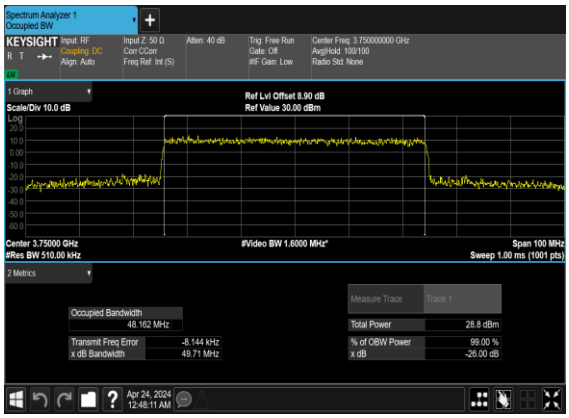
N78(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



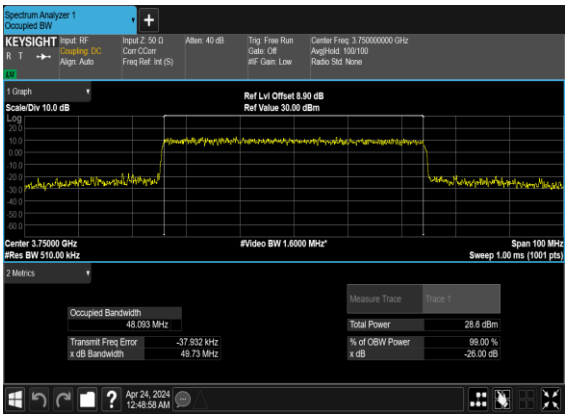
N78(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



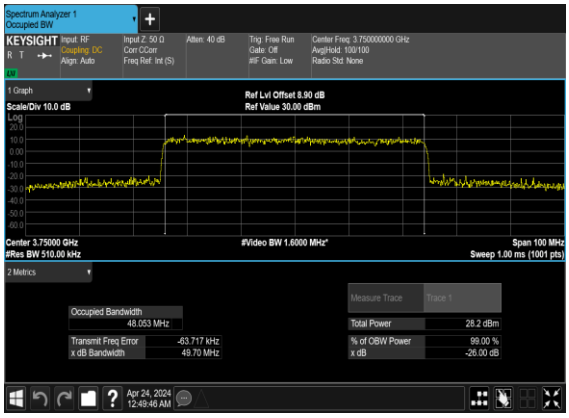
N78(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



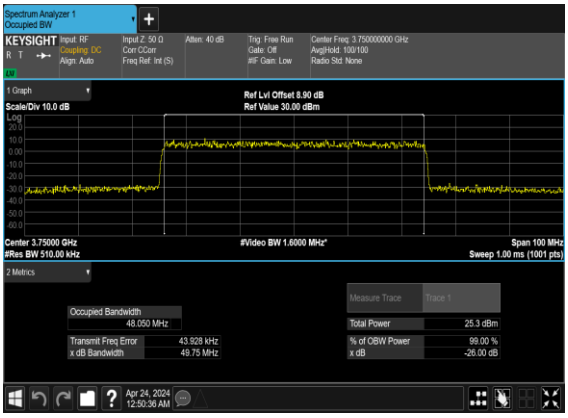
N78(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

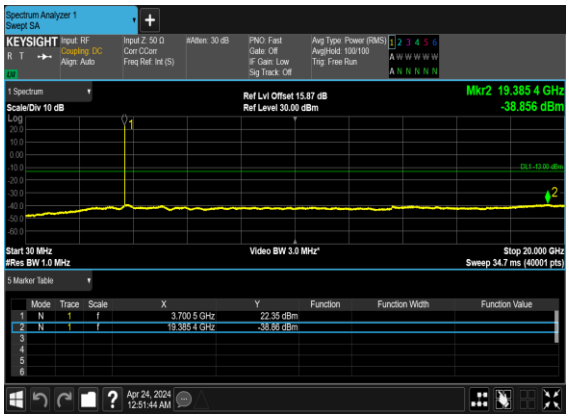


Conducted Spurious Emissions

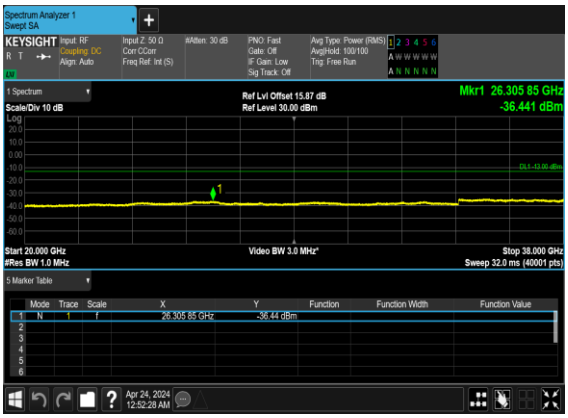
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	25	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	25	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	25	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	25	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	25	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

78	15	25	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	25	652500	3787.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

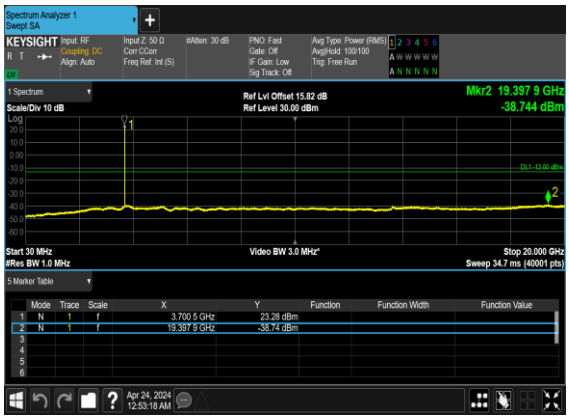
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



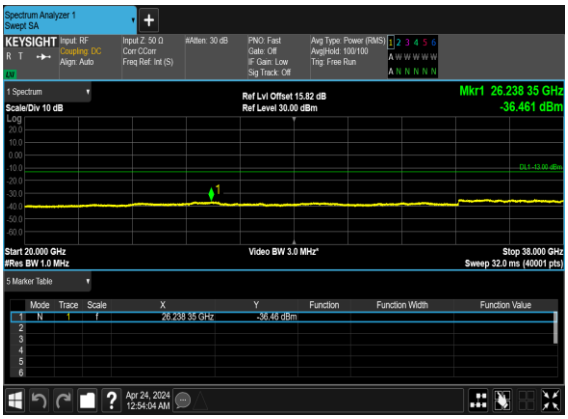
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



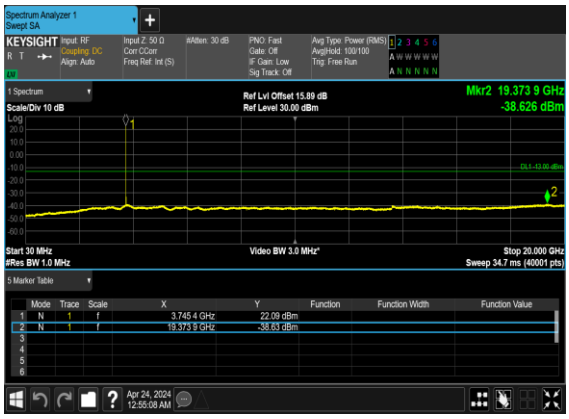
N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



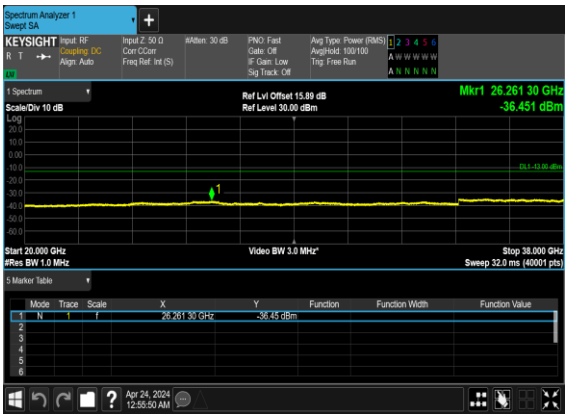
N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



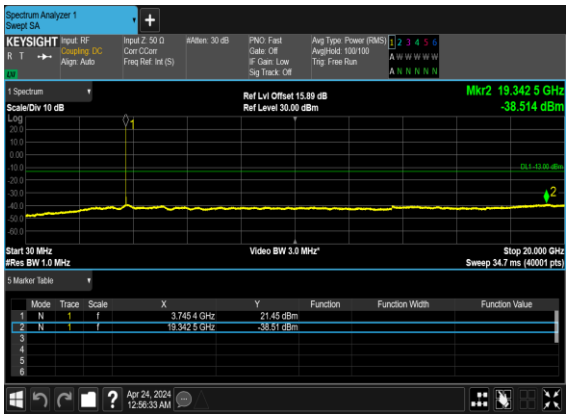
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



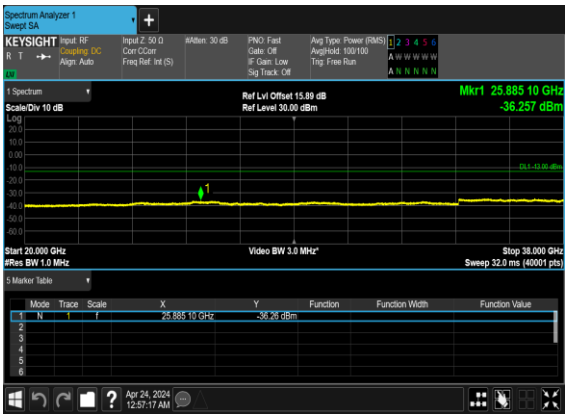
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



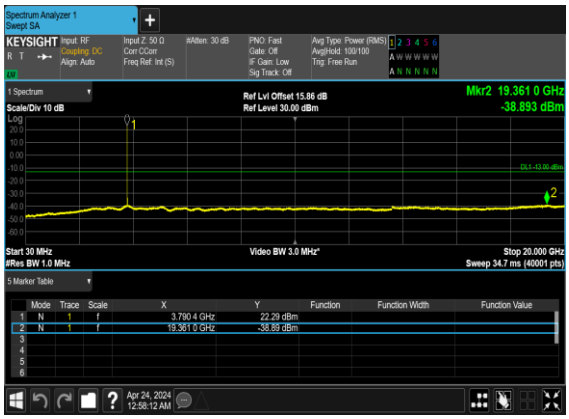
N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



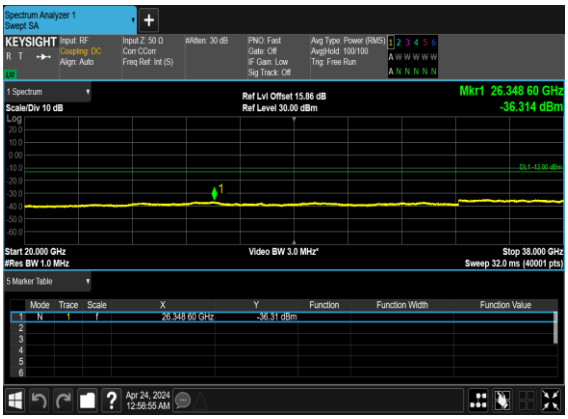
N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



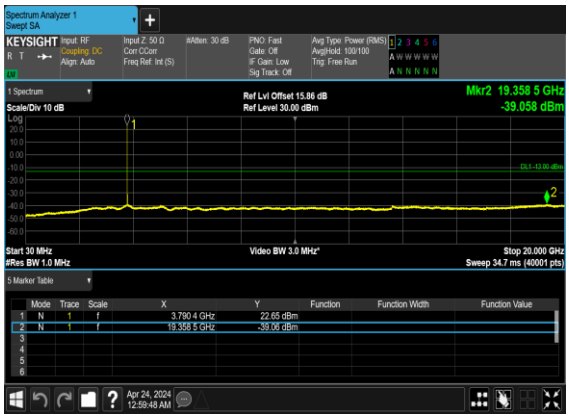
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



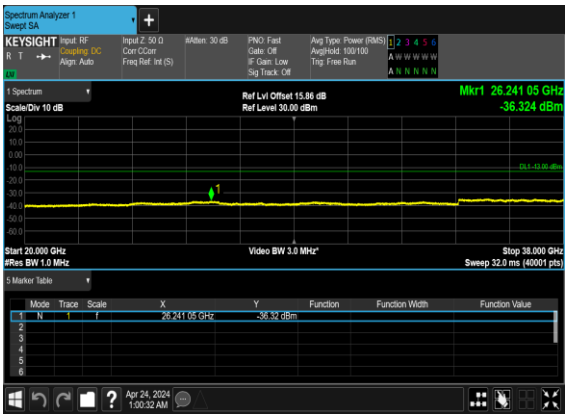
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



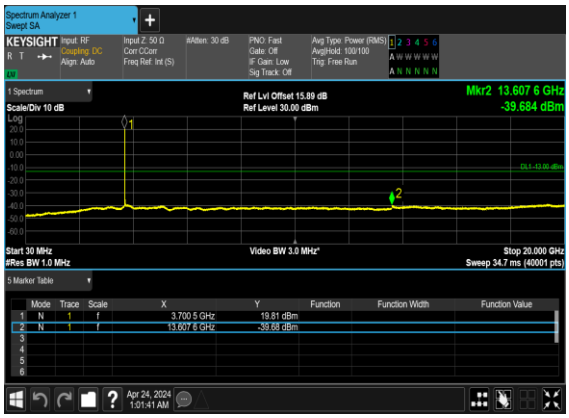
N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



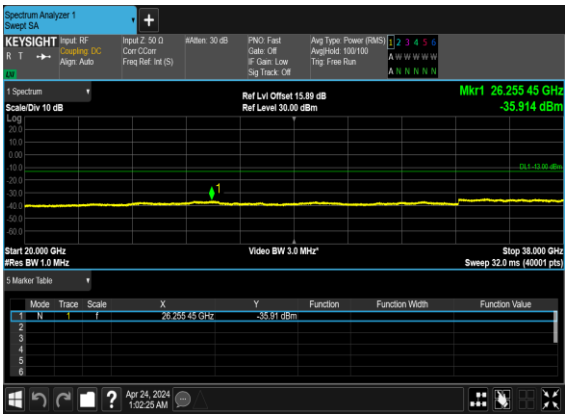
N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



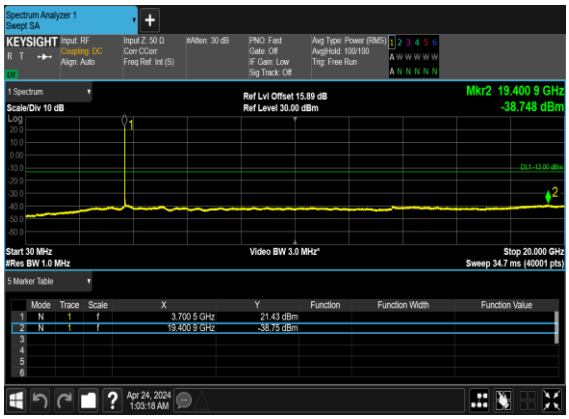
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



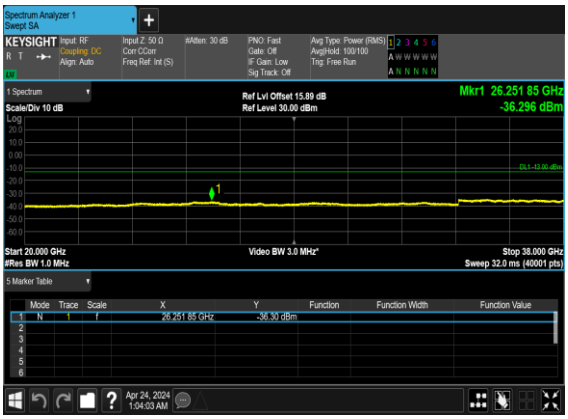
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



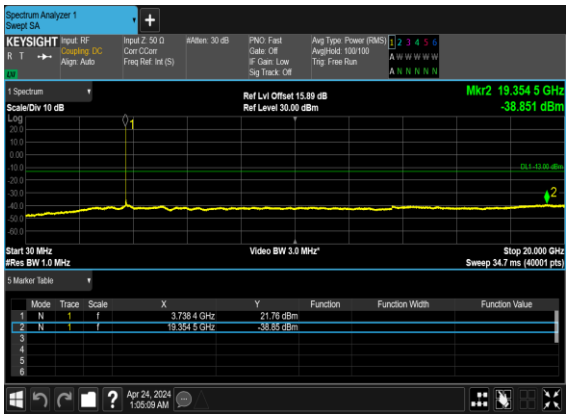
N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



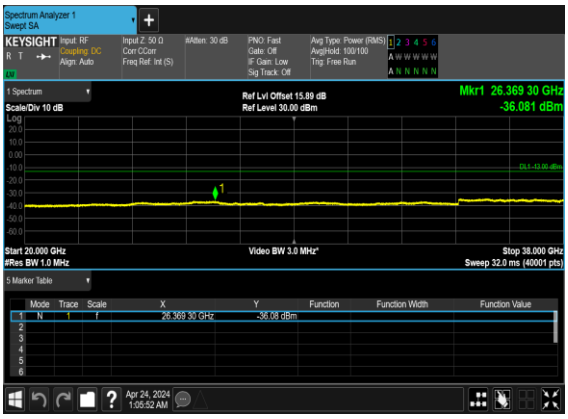
N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



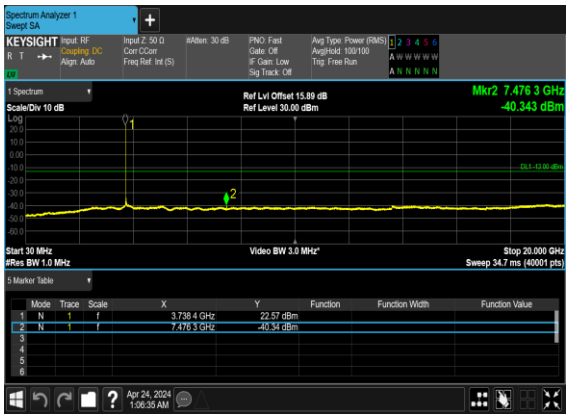
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



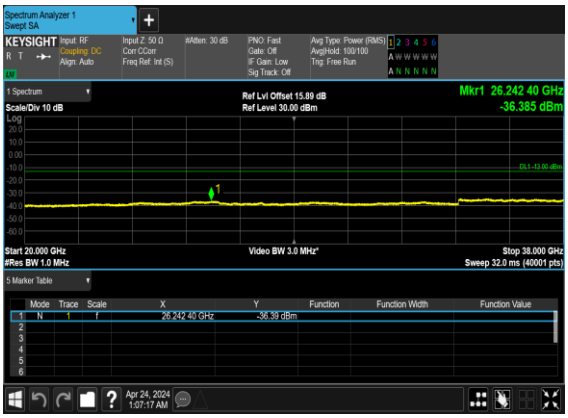
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



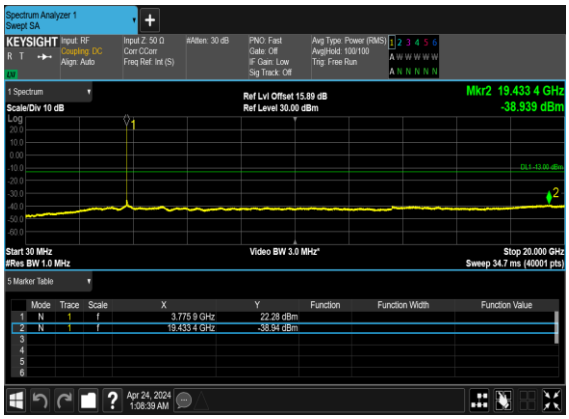
N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



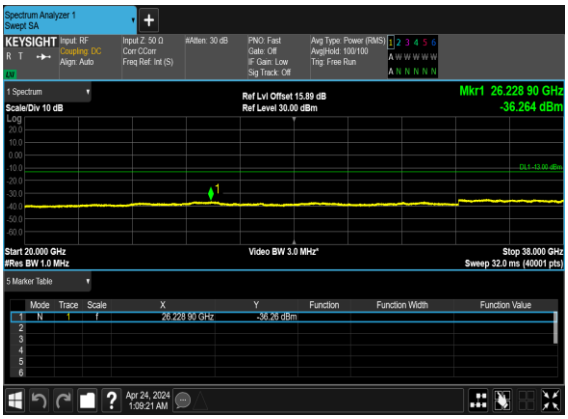
N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



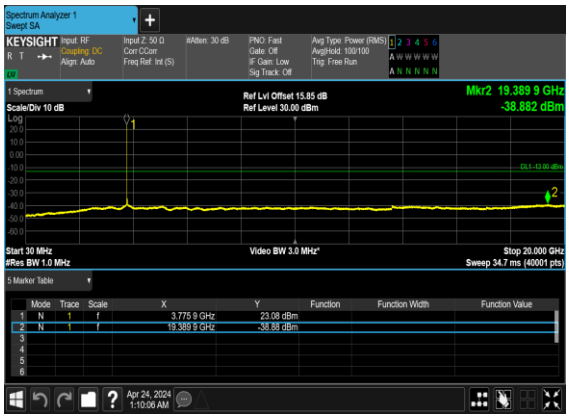
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



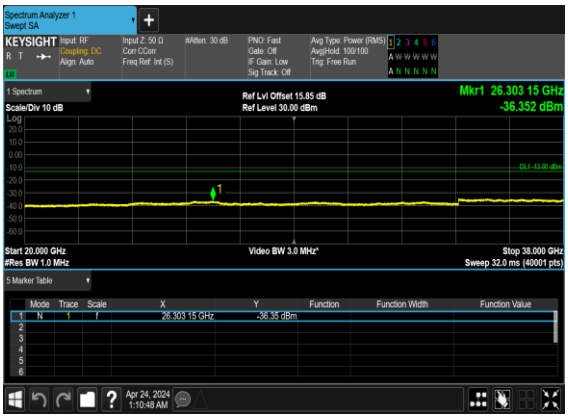
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



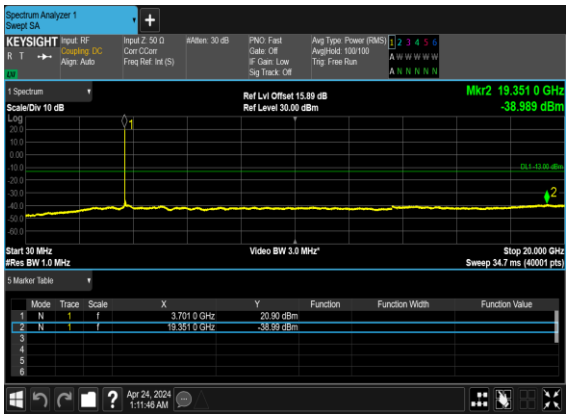
N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



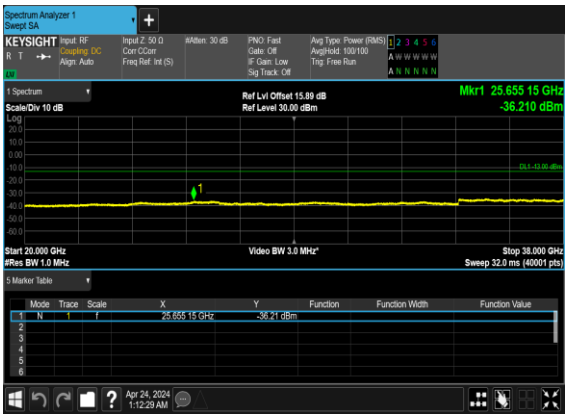
N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



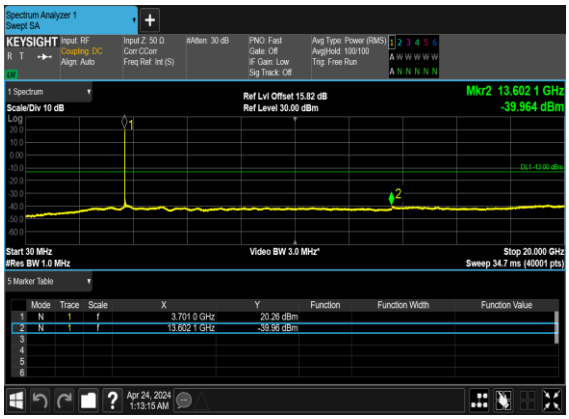
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



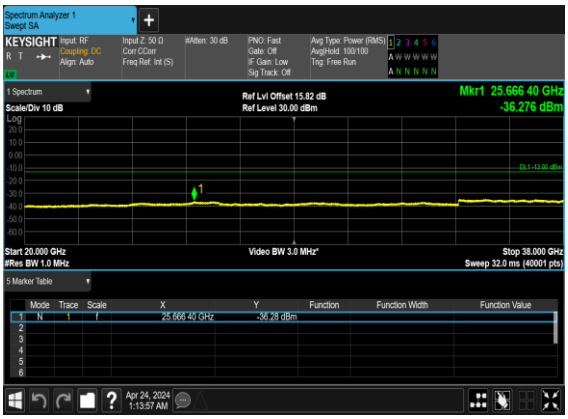
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



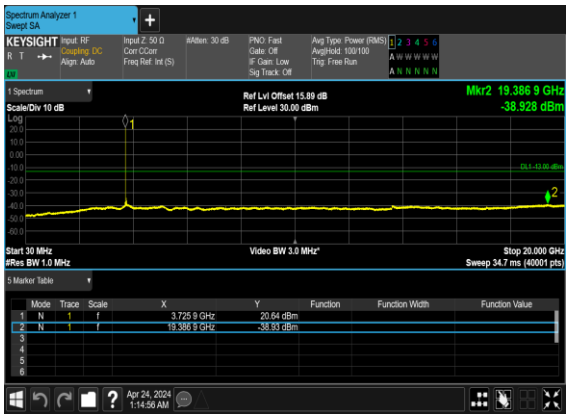
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



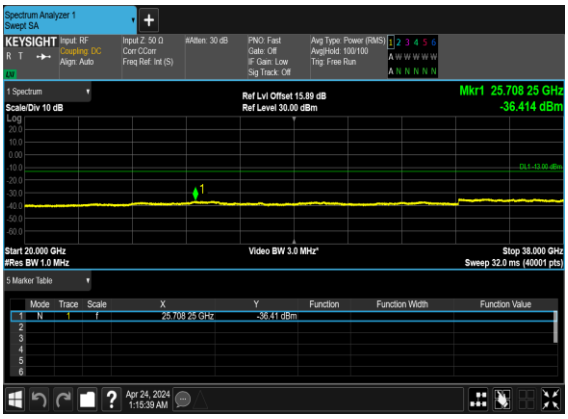
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



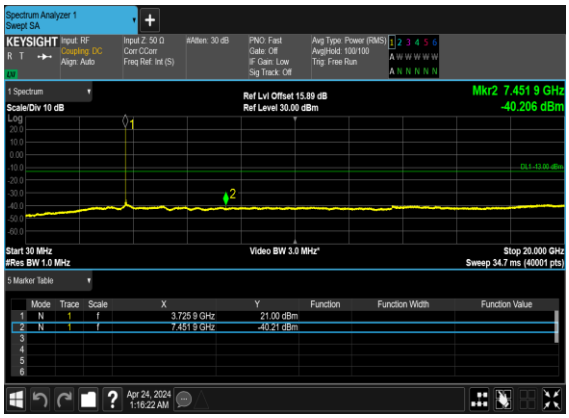
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



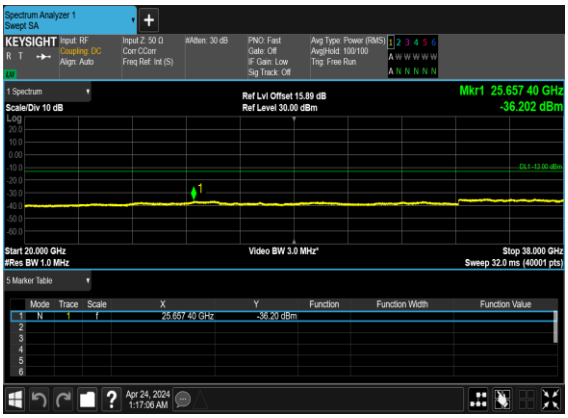
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



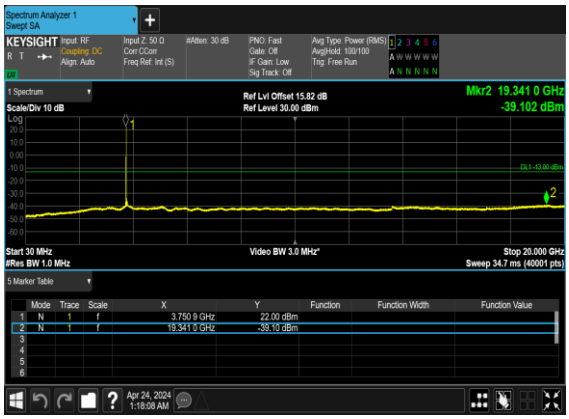
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



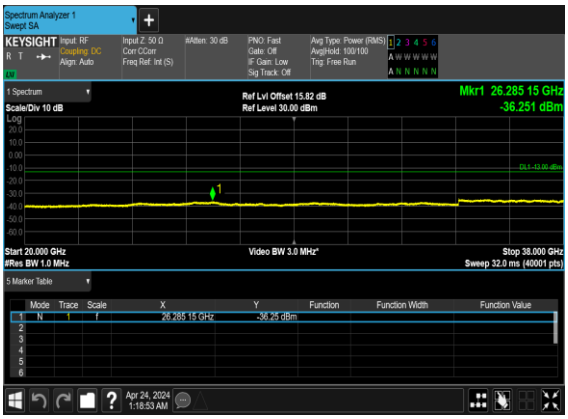
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



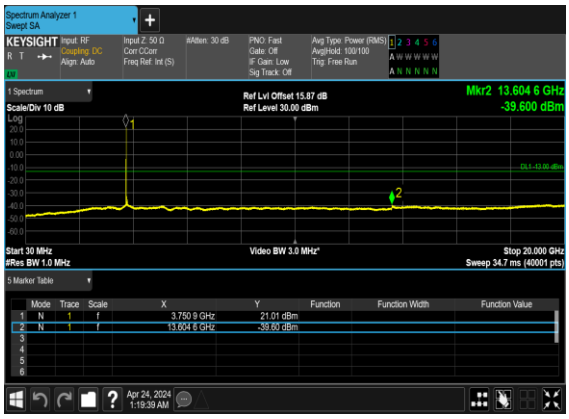
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



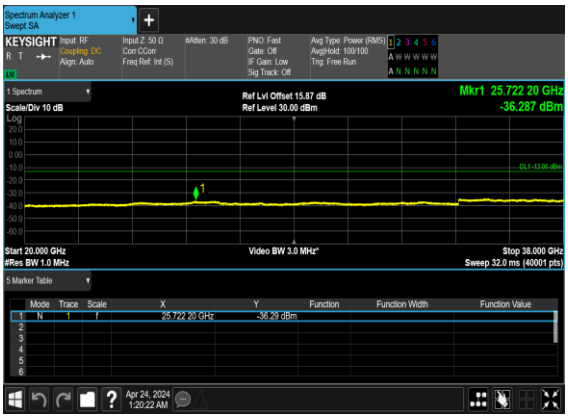
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



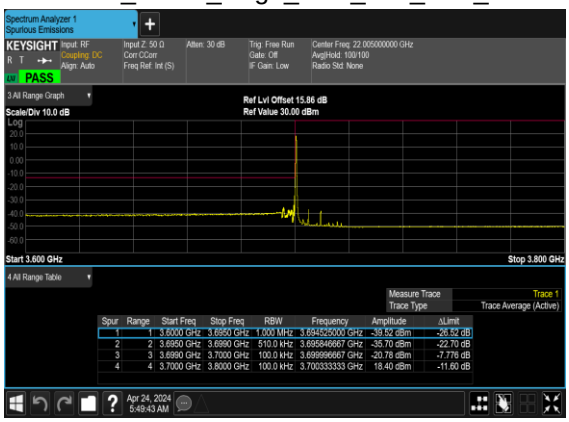
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



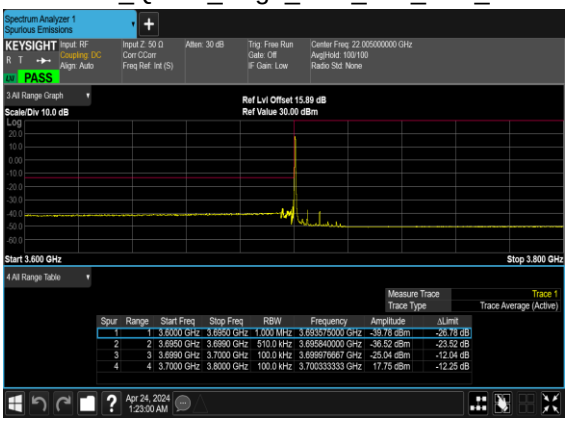
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@269	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@269	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

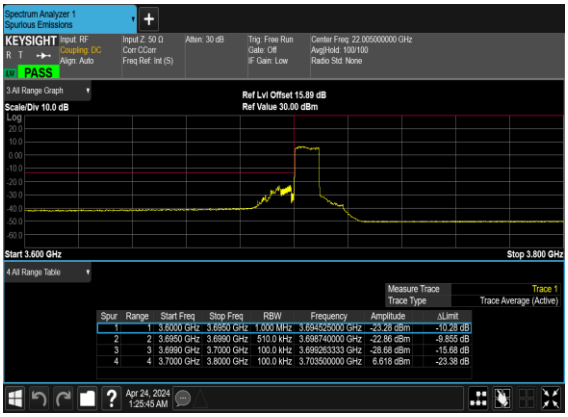


N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

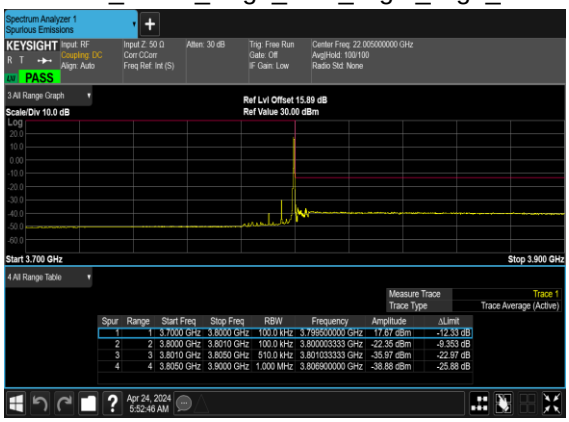


N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

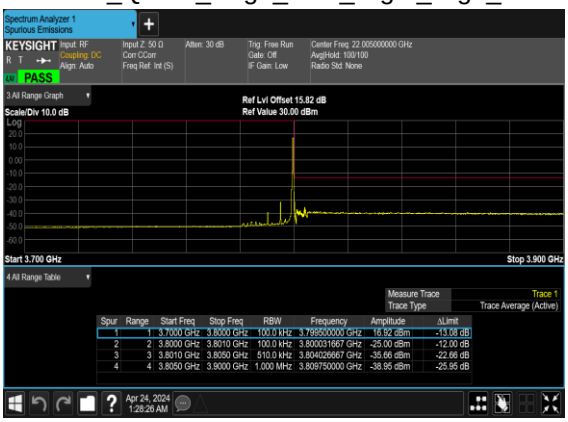
N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



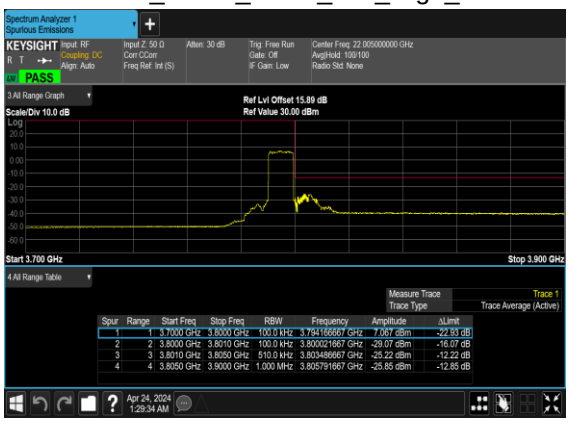
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



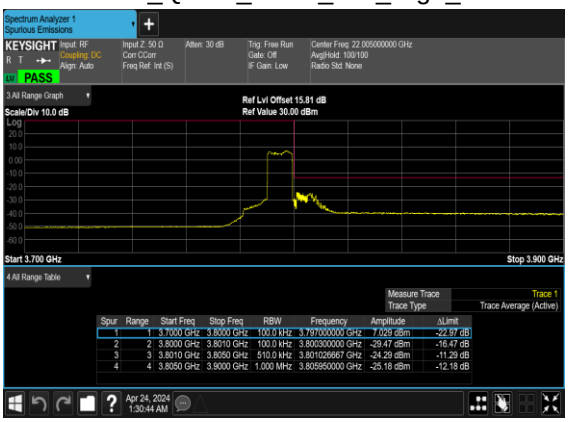
N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



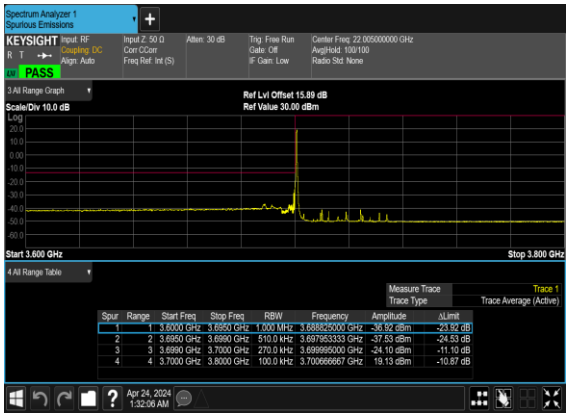
N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

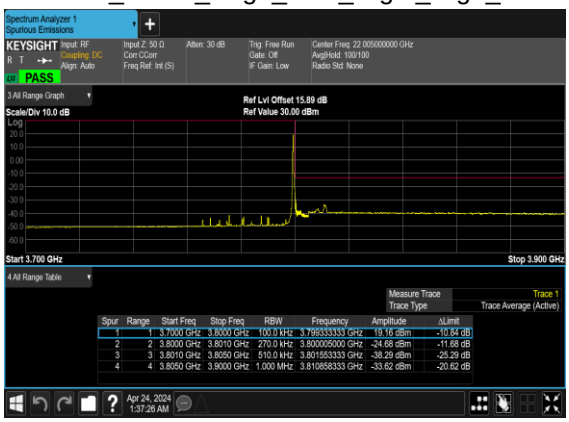


N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

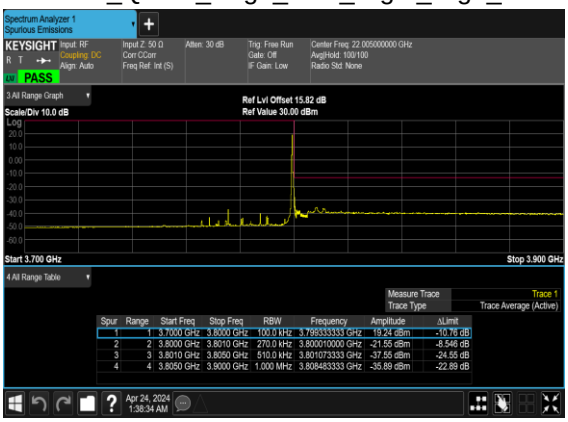
N78(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N78(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

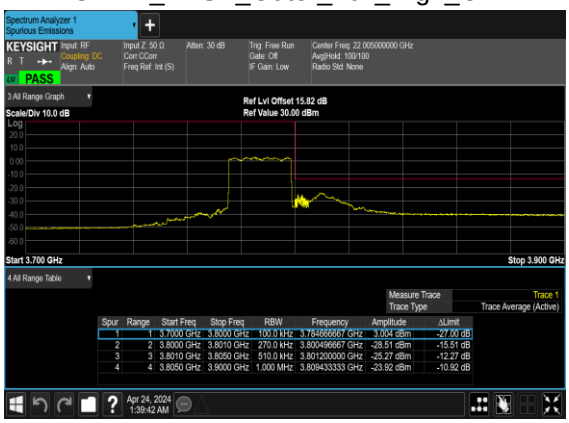
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



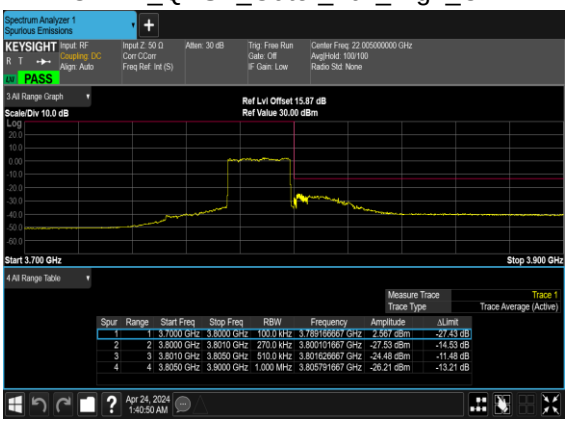
N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



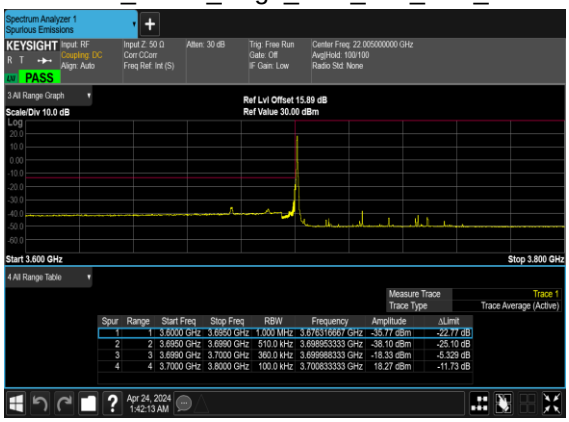
N78(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



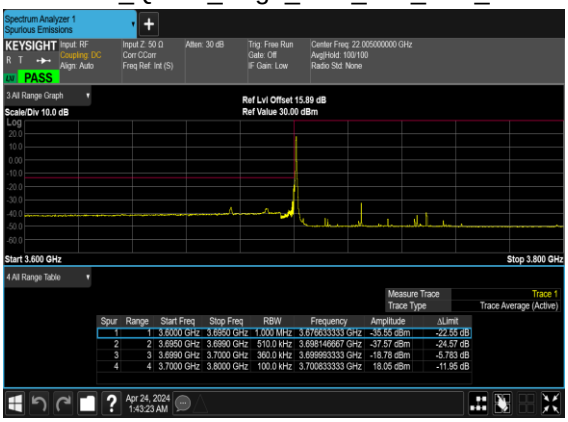
N78(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



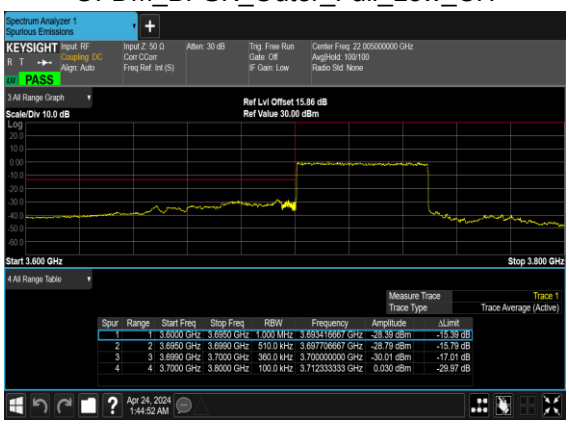
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



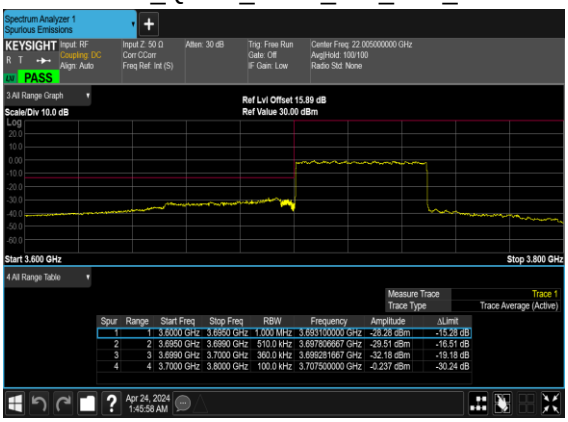
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



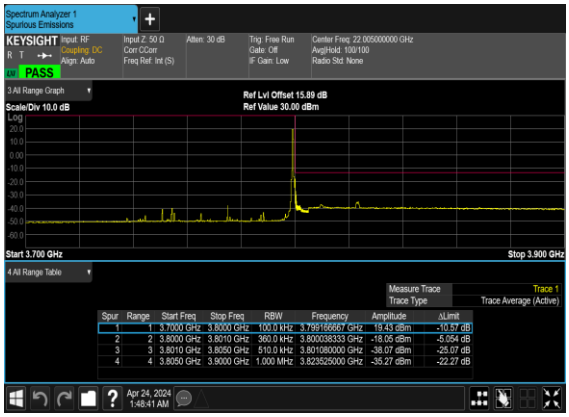
N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

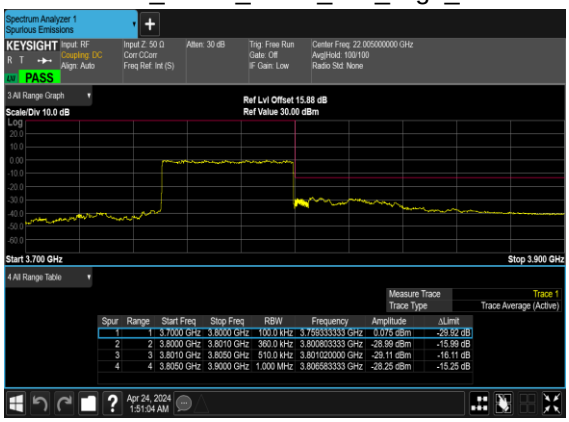


N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

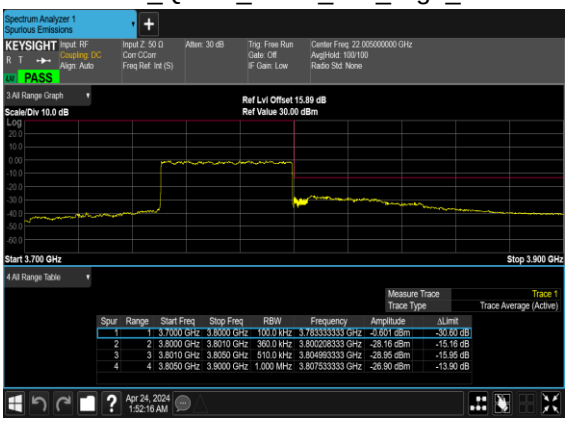


N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N78 (ANT 9)_SCS30kHz

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-0.57dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.02	24.45	0.2786
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	23.69	23.12	0.2051
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	25	24.43	0.2773
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.68	23.11	0.2046
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.07	24.5	0.2818
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	23.78	23.21	0.2094
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	24.93	24.36	0.2729
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	23.69	23.12	0.2051
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	24.92	24.35	0.2723
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.7	23.13	0.2056
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	24.96	24.39	0.2748
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	23.75	23.18	0.2080
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	24.91	24.34	0.2716
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	23.66	23.09	0.2037
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	24.97	24.4	0.2754
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.72	23.15	0.2065
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	24.99	24.42	0.2767
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	23.75	23.18	0.2080
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	24.9	24.33	0.2710
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	23.63	23.06	0.2023
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	24.91	24.34	0.2716
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.75	23.18	0.2080
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	24.9	24.33	0.2710
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	23.75	23.18	0.2080
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	24.87	24.3	0.2692
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	23.81	23.24	0.2109
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	24.87	24.3	0.2692
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.77	23.2	0.2089
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	24.87	24.3	0.2692
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	23.74	23.17	0.2075
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	24.9	24.33	0.2710
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	23.85	23.28	0.2128
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	24.89	24.32	0.2704
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.85	23.28	0.2128
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	24.94	24.37	0.2735
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	23.86	23.29	0.2133
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	24.87	24.3	0.2692

78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	23.88	23.31	0.2143
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	24.93	24.36	0.2729
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.89	23.32	0.2148
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	24.86	24.29	0.2685
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	23.77	23.2	0.2089
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	24.82	24.25	0.2661
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	23.67	23.1	0.2042
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	24.86	24.29	0.2685
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.73	23.16	0.2070
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	24.77	24.2	0.2630
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	23.67	23.1	0.2042
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	24.88	24.31	0.2698
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	23.75	23.18	0.2080
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	24.88	24.31	0.2698
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.74	23.17	0.2075
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	24.87	24.3	0.2692
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	23.76	23.19	0.2084
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	24.86	24.29	0.2685
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	23.76	23.19	0.2084
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	24.87	24.3	0.2692
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.79	23.22	0.2099
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	24.84	24.27	0.2673
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	23.77	23.2	0.2089
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	24.92	24.35	0.2723
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	23.79	23.22	0.2099
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	24.89	24.32	0.2704
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.78	23.21	0.2094
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	24.92	24.35	0.2723
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	23.79	23.22	0.2099
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	24.87	24.3	0.2692
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.08	24.51	0.2825
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	24.88	24.31	0.2698
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	24.9	24.33	0.2710
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	24.88	24.31	0.2698
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	24.85	24.28	0.2679
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	23.86	23.29	0.2133
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.73	23.16	0.2070
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	23.78	23.21	0.2094
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.34	21.77	0.1503
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.3	21.73	0.1489
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.31	21.74	0.1493
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.32	19.75	0.0944
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.13	19.56	0.0904
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.16	19.59	0.0910

78	30	100	650000	3750	CP-OFDM QPSK	137@68	23.34	22.77	0.1892
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.32	22.75	0.1884
78	30	100	650000	3750	CP-OFDM QPSK	1@271	23.26	22.69	0.1858

FR1 N78 (ANT 6)_SCS30kHz

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0052	**PASS**	NV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0056	**PASS**	LV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0025	**PASS**	HV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0054	**PASS**	-30℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0051	**PASS**	-20℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0039	**PASS**	-10℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0043	**PASS**	0℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0064	**PASS**	10℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0052	**PASS**	20℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0043	**PASS**	30℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0067	**PASS**	40℃
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0029	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	50@0	4.34	13	**PASS**
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	5.36	13	**PASS**

N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

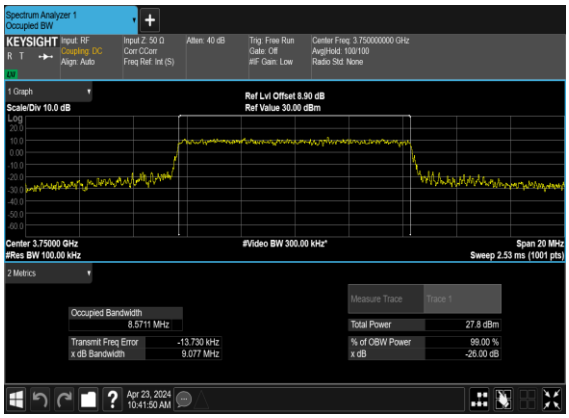
N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

Occupied Bandwidth

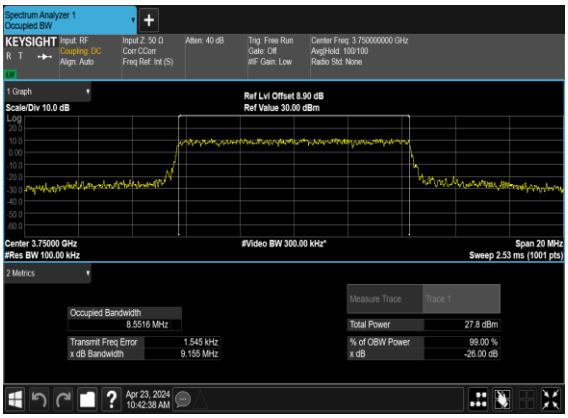
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	10	650000	3750.0	CP-OFDM QPSK	24@0	8.5711	9.077
78	30	10	650000	3750.0	CP-OFDM 16 QAM	24@0	8.5516	9.155
78	30	10	650000	3750.0	CP-OFDM 64 QAM	24@0	8.552	9.176
78	30	10	650000	3750.0	CP-OFDM 256 QAM	24@0	8.5881	9.107
78	30	15	650000	3750.0	CP-OFDM QPSK	38@0	13.595	14.27
78	30	15	650000	3750.0	CP-OFDM 16 QAM	38@0	13.568	14.26
78	30	15	650000	3750.0	CP-OFDM 64 QAM	38@0	13.609	14.21
78	30	15	650000	3750.0	CP-OFDM 256 QAM	38@0	13.517	14.24
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	18.242	19.04
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	18.205	18.92
78	30	20	650000	3750.0	CP-OFDM 64 QAM	51@0	18.226	18.99
78	30	20	650000	3750.0	CP-OFDM 256 QAM	51@0	18.177	18.94
78	30	25	650000	3750.0	CP-OFDM QPSK	65@0	23.188	24.13
78	30	25	650000	3750.0	CP-OFDM 16 QAM	65@0	23.266	24.18
78	30	25	650000	3750.0	CP-OFDM 64 QAM	65@0	23.206	24.08
78	30	25	650000	3750.0	CP-OFDM 256 QAM	65@0	23.19	24.27
78	30	30	650000	3750.0	CP-OFDM QPSK	78@0	27.8	28.85
78	30	30	650000	3750.0	CP-OFDM 16 QAM	78@0	27.793	28.79
78	30	30	650000	3750.0	CP-OFDM 64 QAM	78@0	27.849	28.81
78	30	30	650000	3750.0	CP-OFDM 256 QAM	78@0	27.889	28.77
78	30	40	650000	3750.0	CP-OFDM QPSK	106@0	37.812	39.1
78	30	40	650000	3750.0	CP-OFDM 16 QAM	106@0	37.773	39.05
78	30	40	650000	3750.0	CP-OFDM 64 QAM	106@0	37.823	39.07
78	30	40	650000	3750.0	CP-OFDM 256 QAM	106@0	37.824	39.13
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.295	49.04

78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.38	48.99
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.374	49.13
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.493	49.18
78	30	60	650000	3750.0	CP-OFDM QPSK	162@0	57.874	59.82
78	30	60	650000	3750.0	CP-OFDM 16 QAM	162@0	57.671	59.67
78	30	60	650000	3750.0	CP-OFDM 64 QAM	162@0	57.699	59.67
78	30	60	650000	3750.0	CP-OFDM 256 QAM	162@0	57.615	59.8
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.542	69.72
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.586	69.73
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.469	69.6
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.539	69.78
78	30	80	650000	3750.0	CP-OFDM QPSK	217@0	77.444	79.88
78	30	80	650000	3750.0	CP-OFDM 16 QAM	217@0	77.669	80.0
78	30	80	650000	3750.0	CP-OFDM 64 QAM	217@0	77.425	79.97
78	30	80	650000	3750.0	CP-OFDM 256 QAM	217@0	77.381	79.94
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.383	90.33
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.364	90.2
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.508	90.16
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.339	90.18
78	30	100	650000	3750.0	CP-OFDM QPSK	273@0	97.444	100.5
78	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	97.446	100.4
78	30	100	650000	3750.0	CP-OFDM 64 QAM	273@0	97.461	100.5
78	30	100	650000	3750.0	CP-OFDM 256 QAM	273@0	97.316	100.4

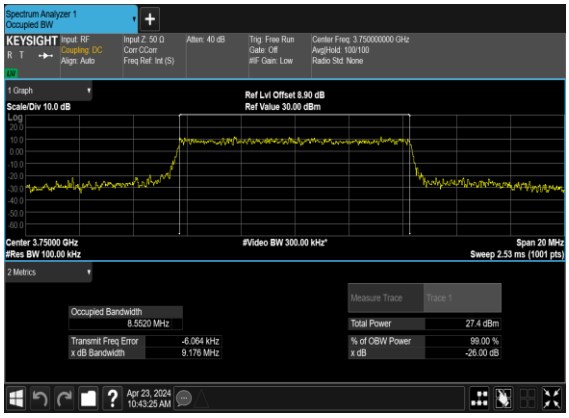
N78(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



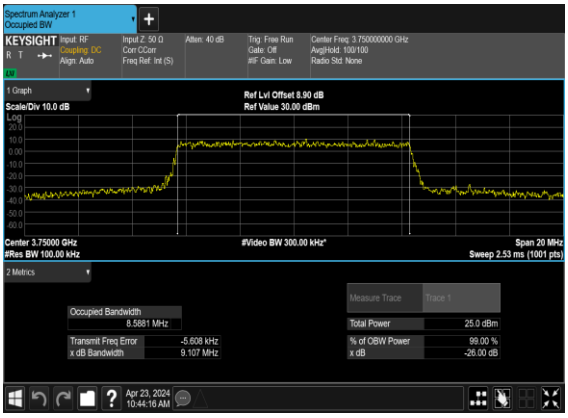
N78(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



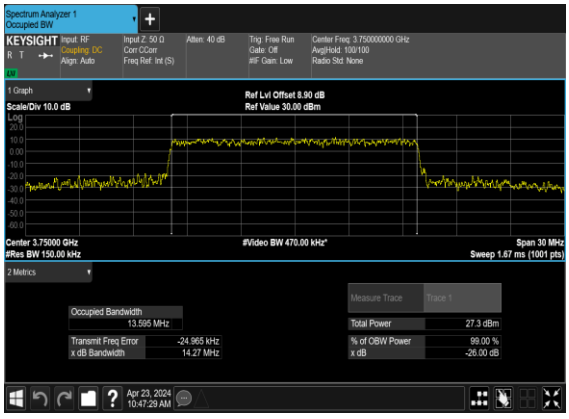
N78(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N78(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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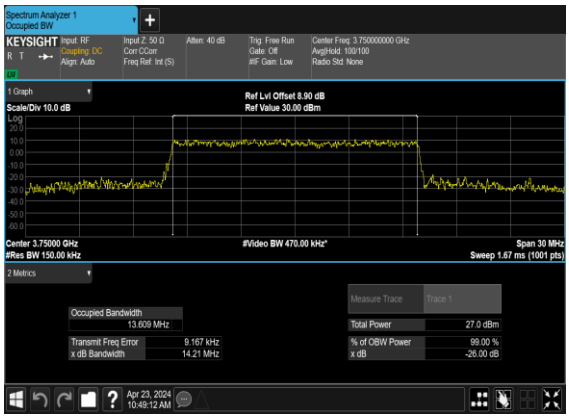
N78(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



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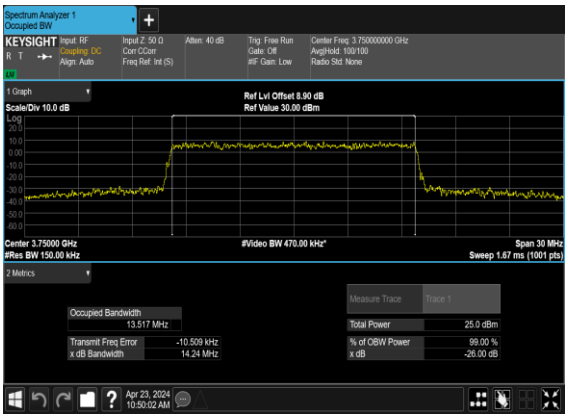
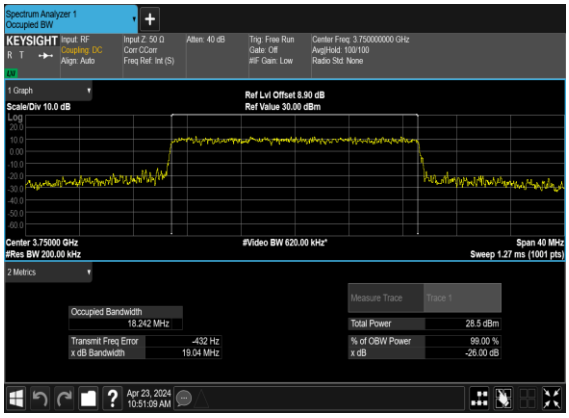


N78(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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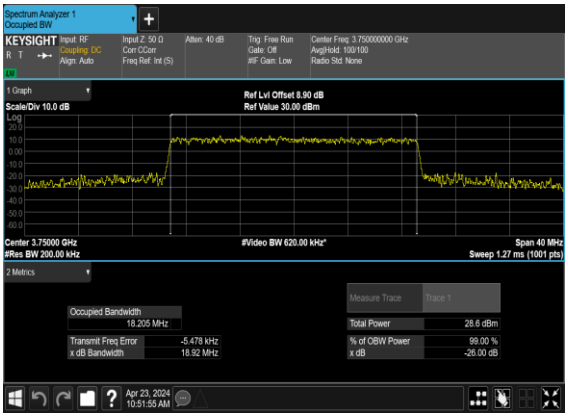

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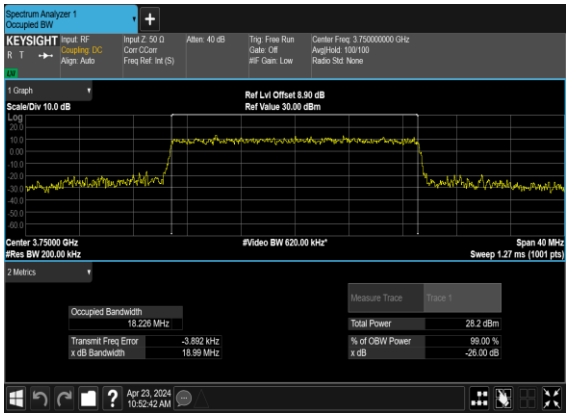
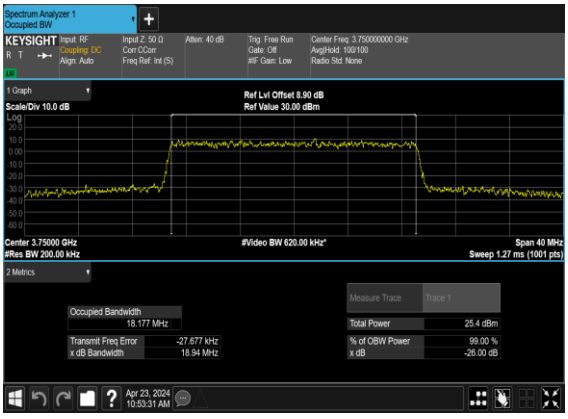
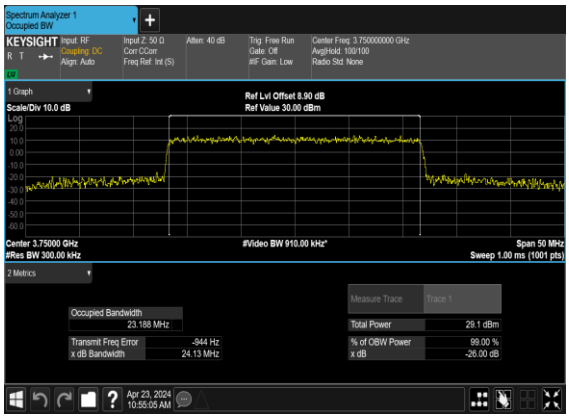


N78(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N78(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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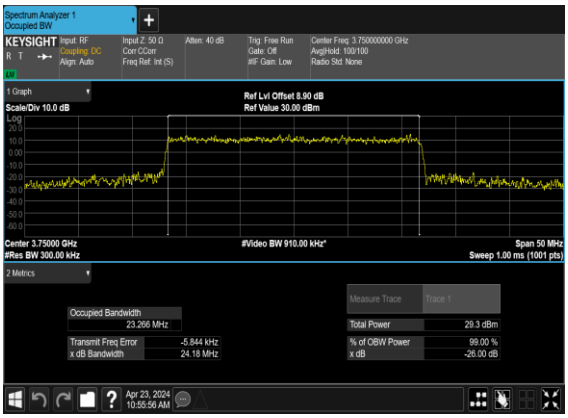

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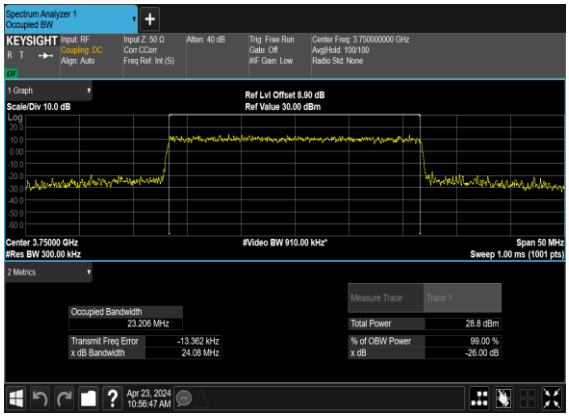
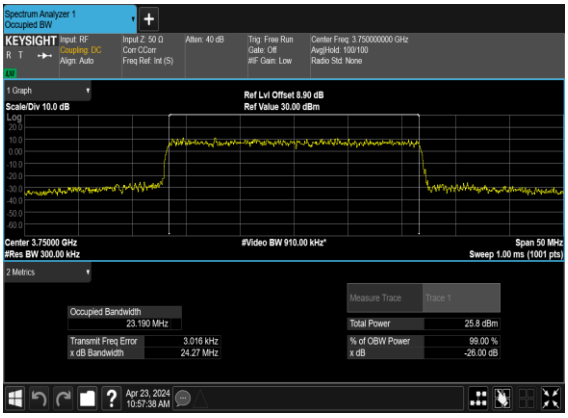
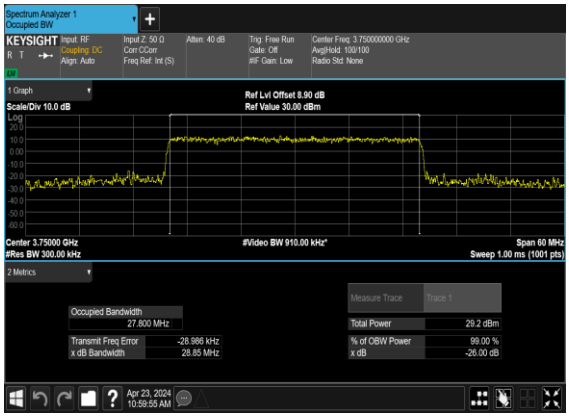


N78(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N78(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N78(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH