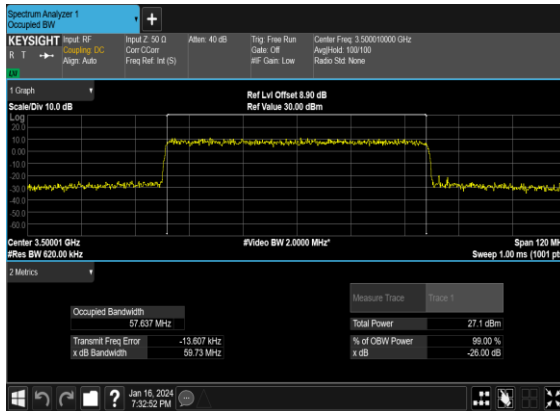
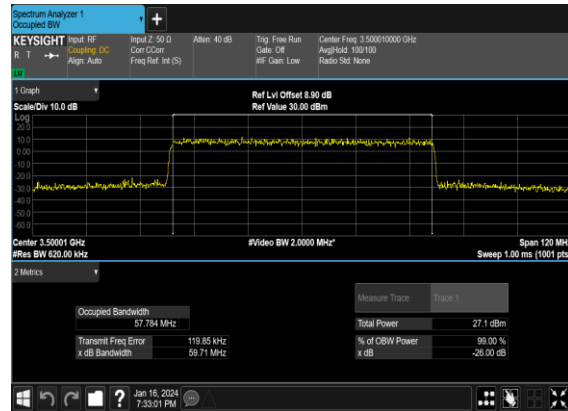


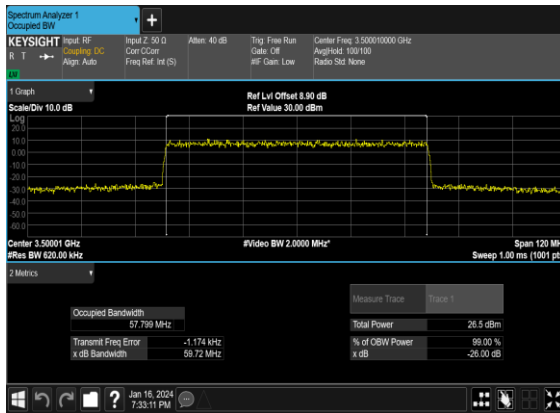
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



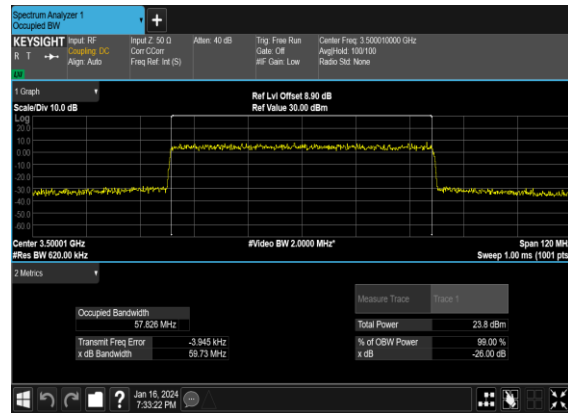
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



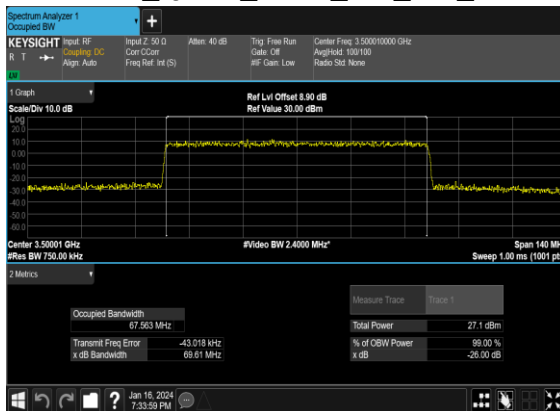
N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



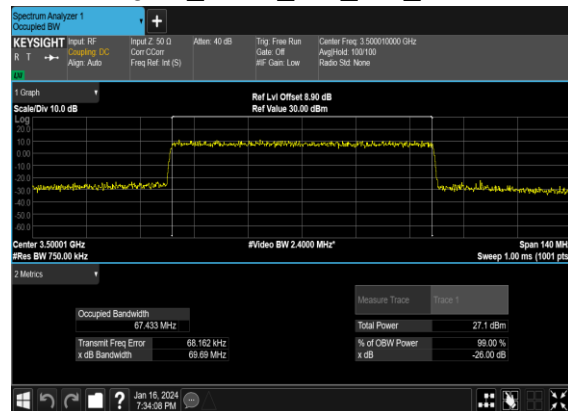
N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



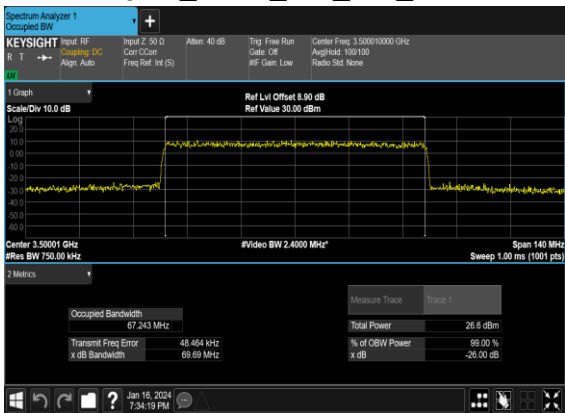
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



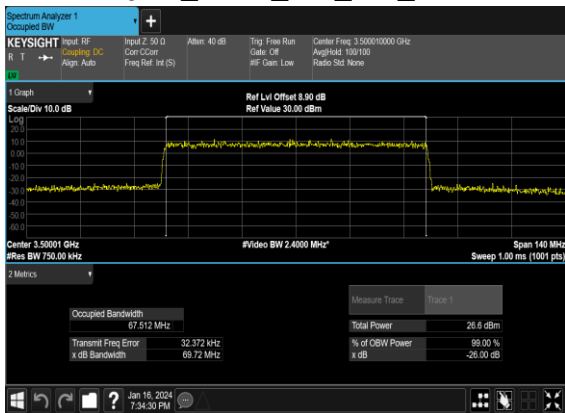
N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



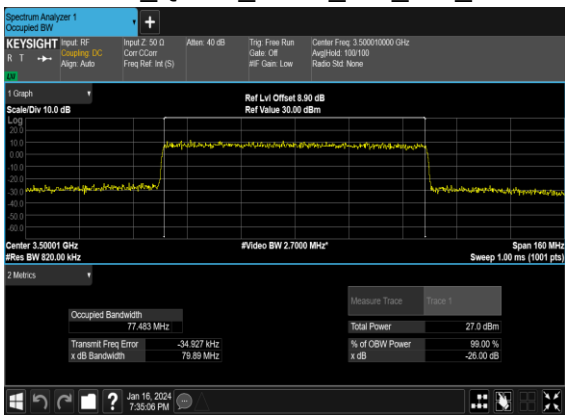
N77(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



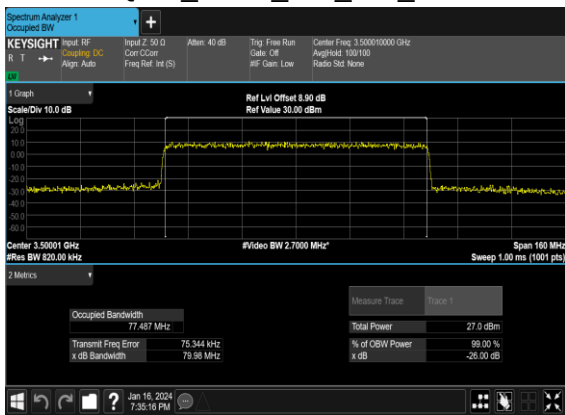
N77(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



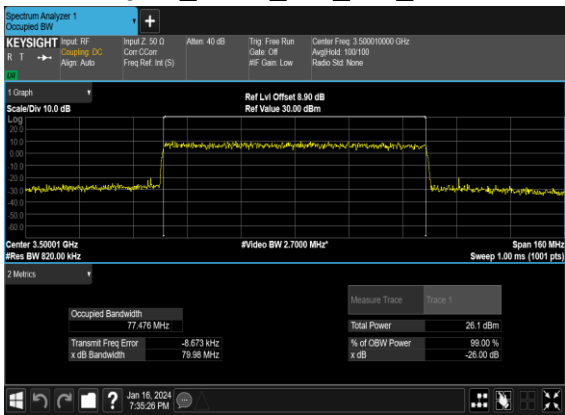
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



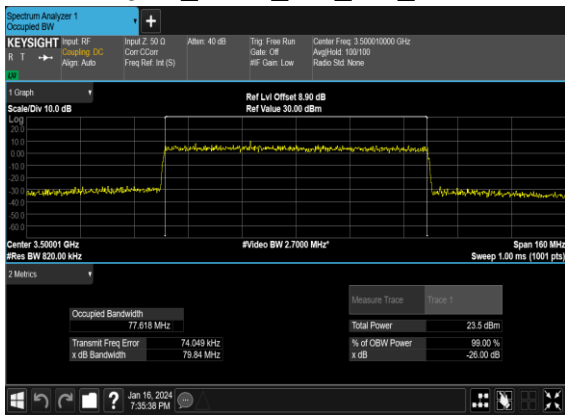
N77(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



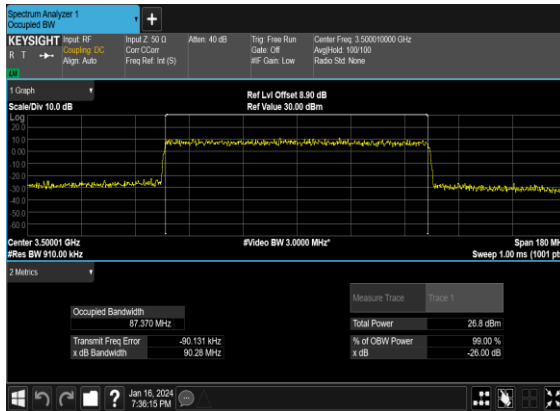
N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



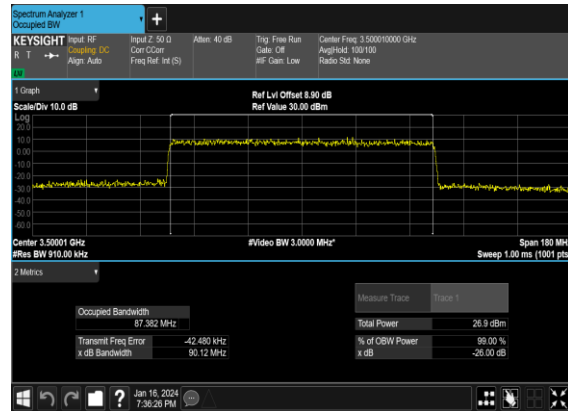
N77(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



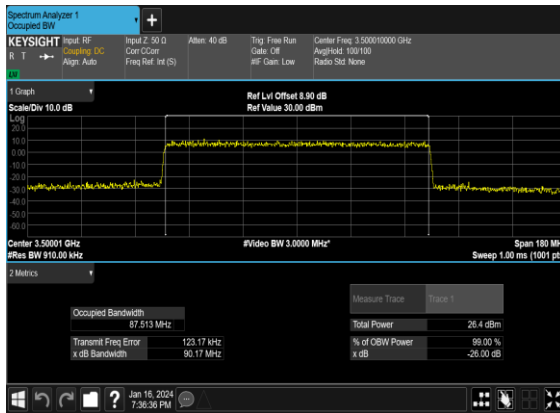
N77(90M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



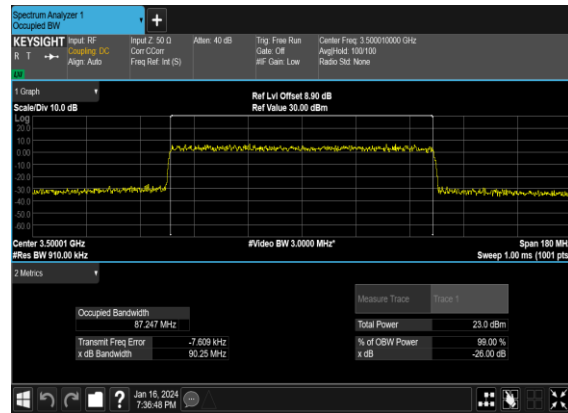
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



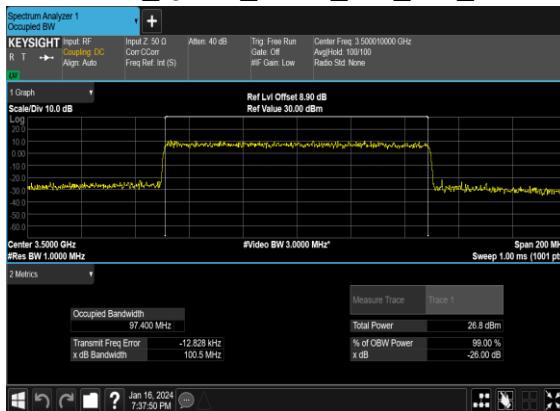
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



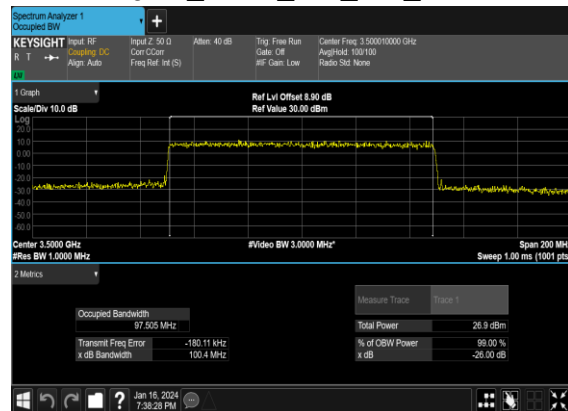
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



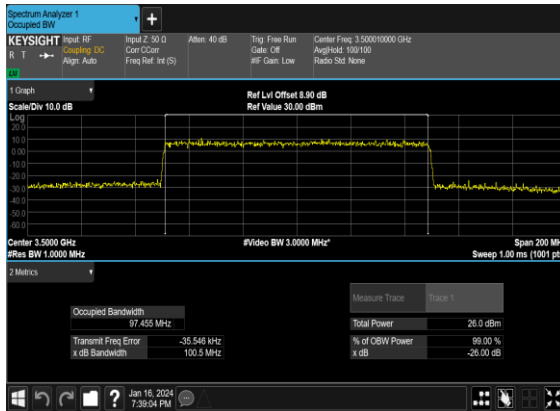
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



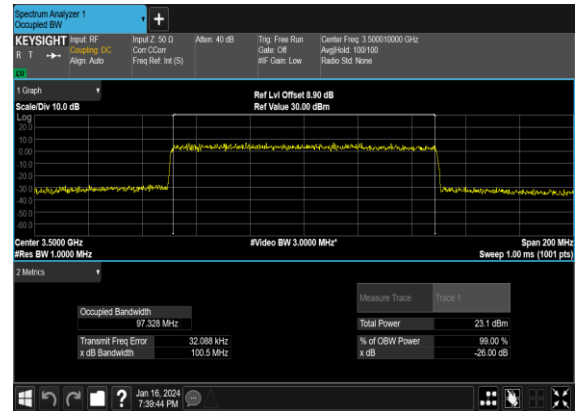
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



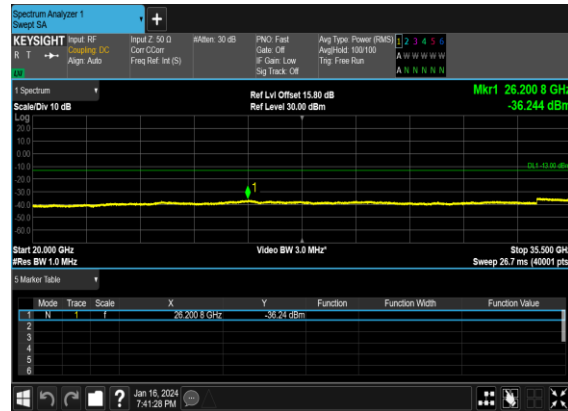
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS

N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



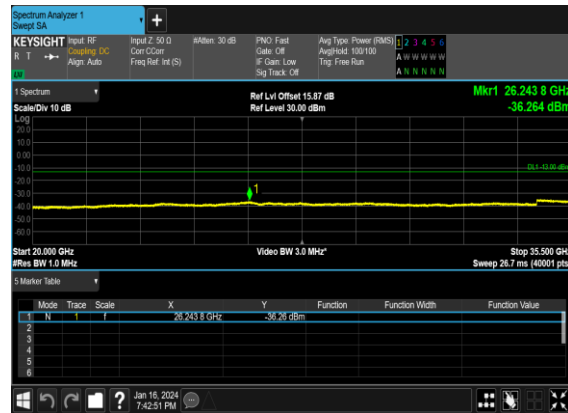
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



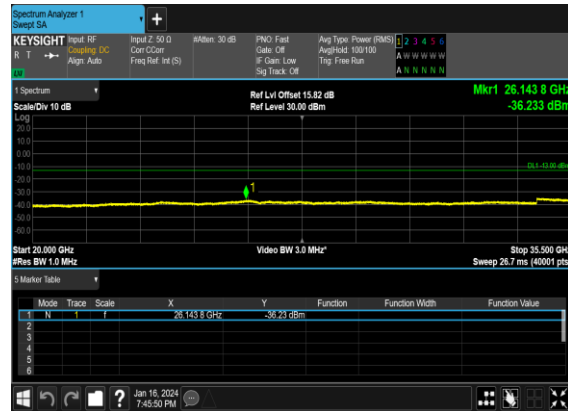
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



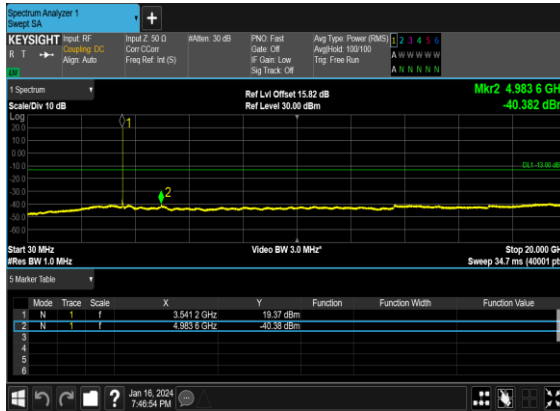
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



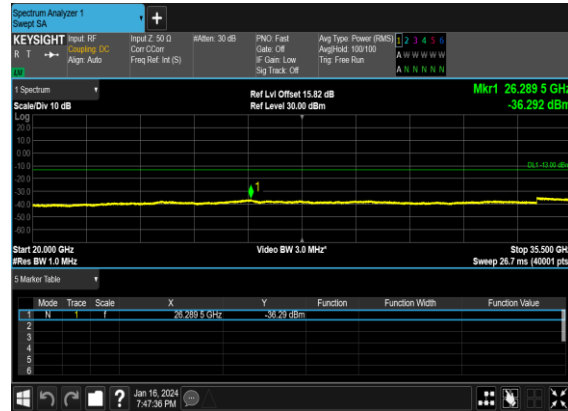
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



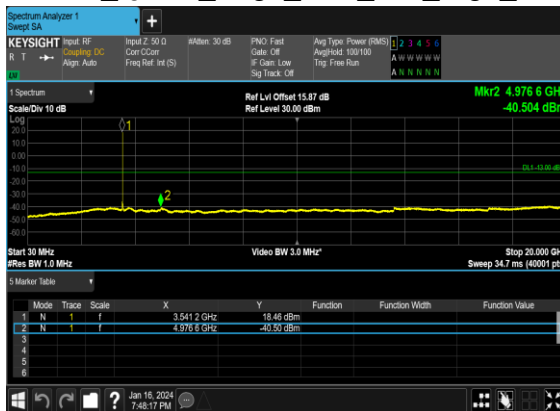
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



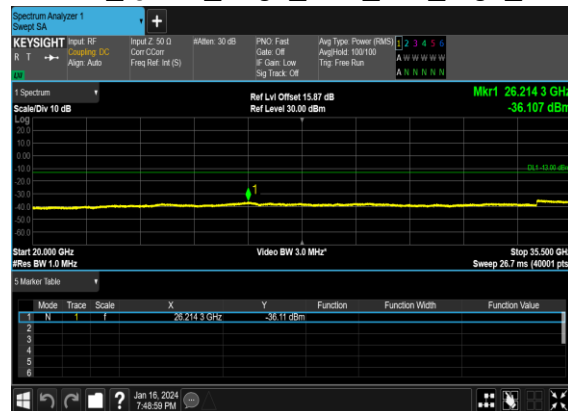
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



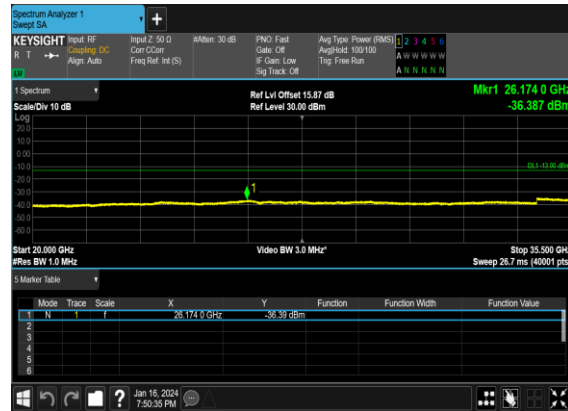
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



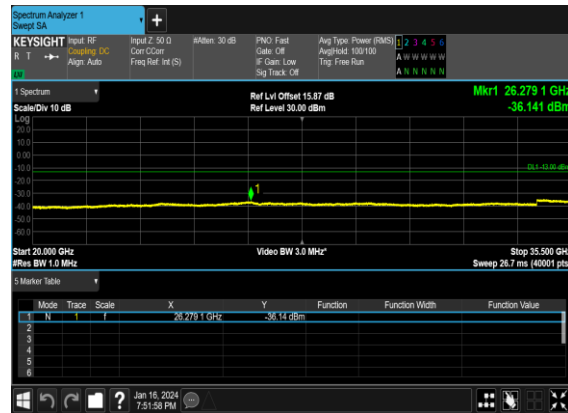
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



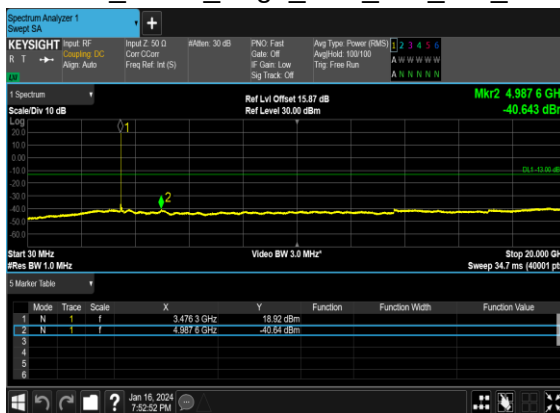
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



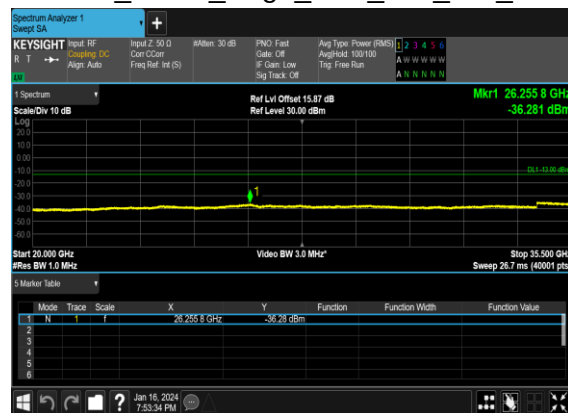
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



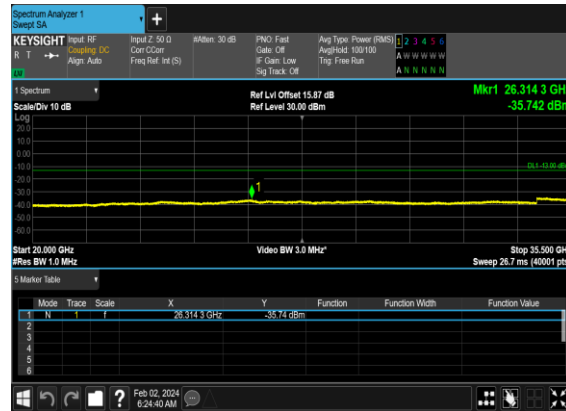
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



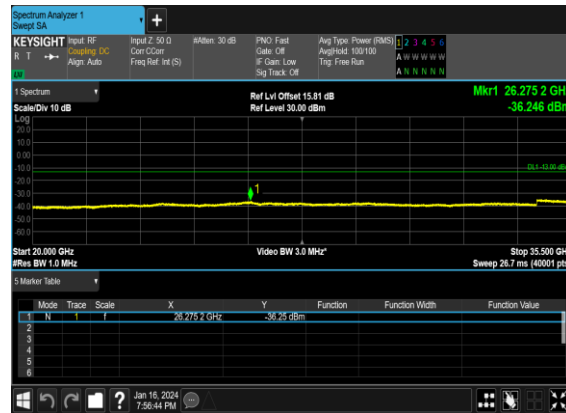
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



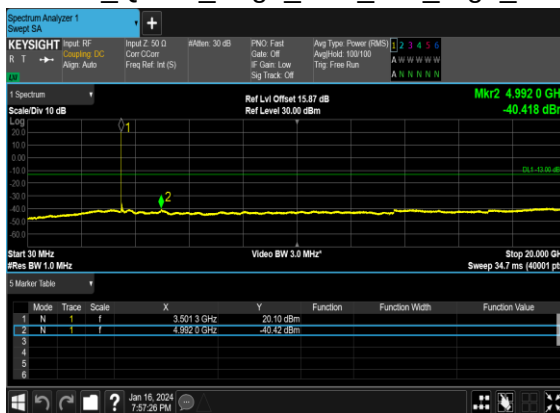
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



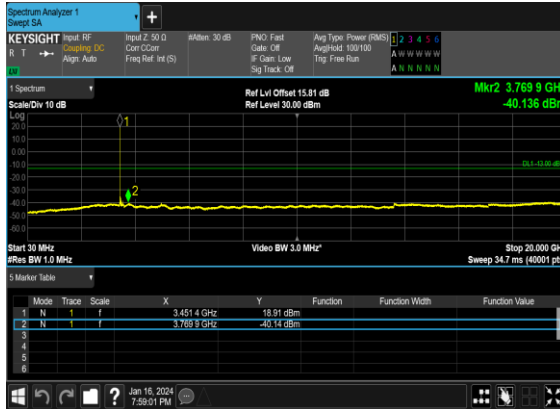
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



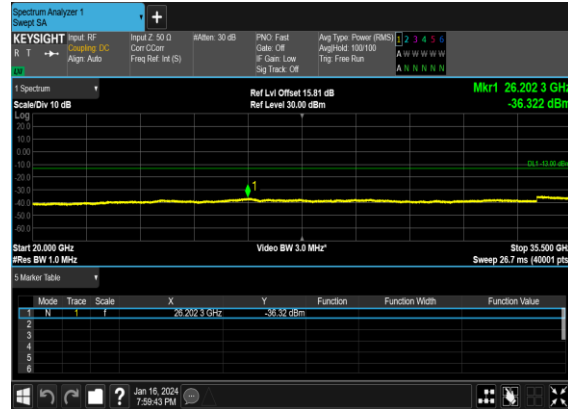
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



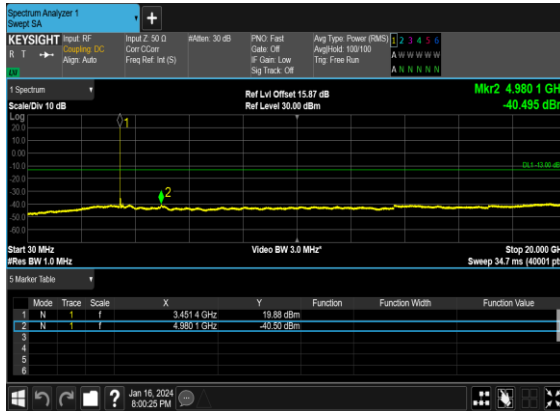
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



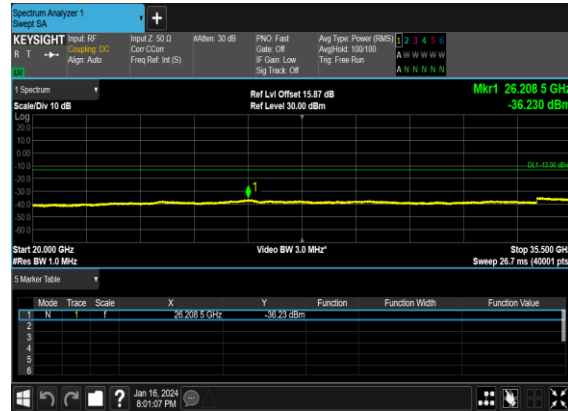
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

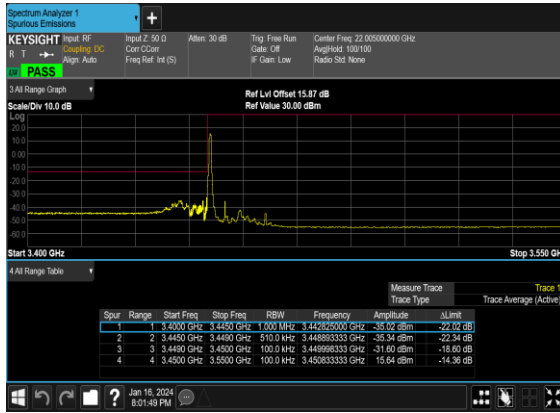


Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	128@0	see graph	PASS

77	30	50	631668	3475.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

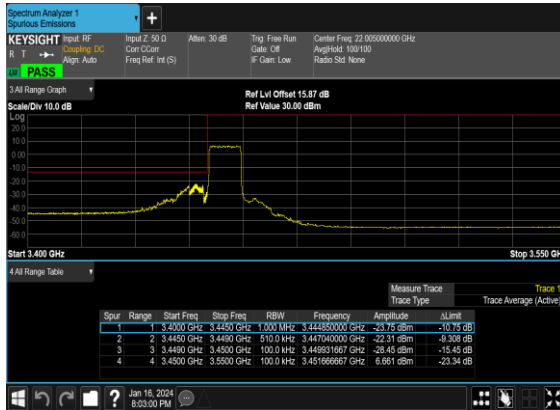
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



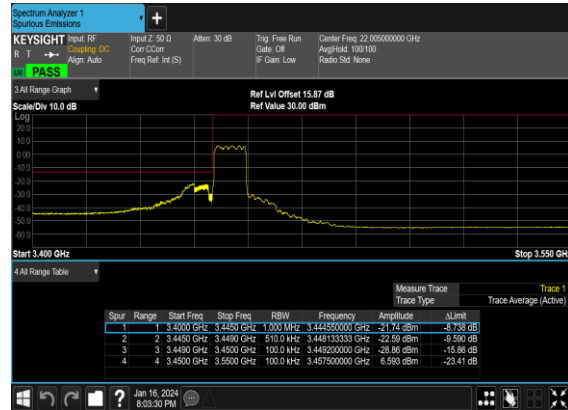
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



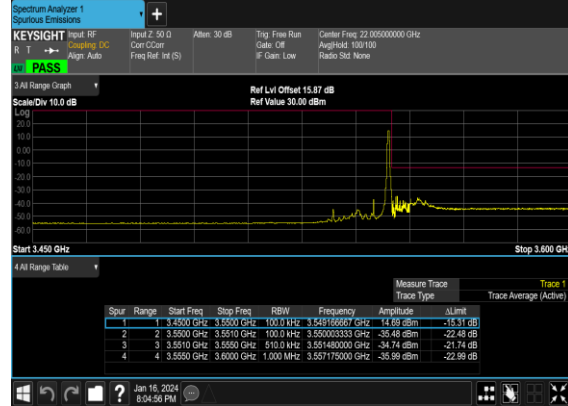
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



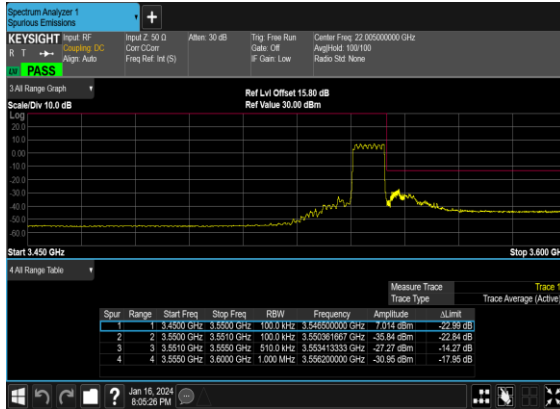
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



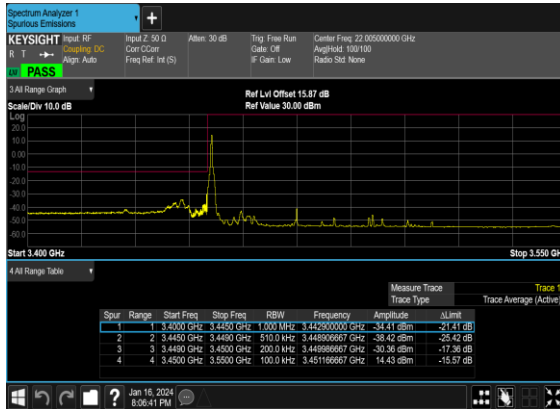
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



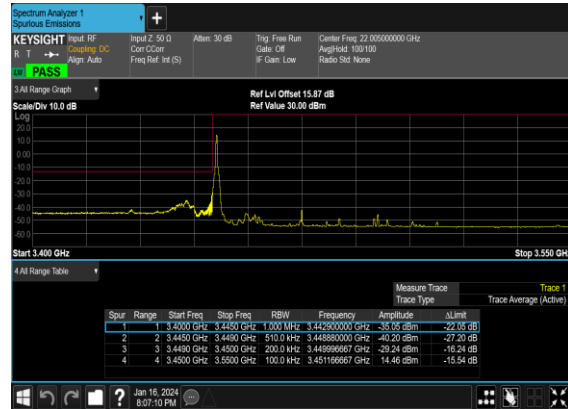
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



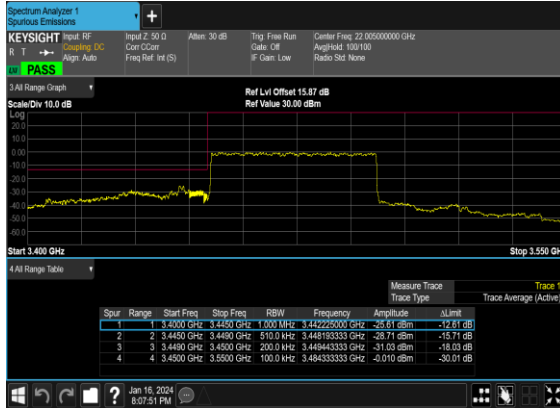
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



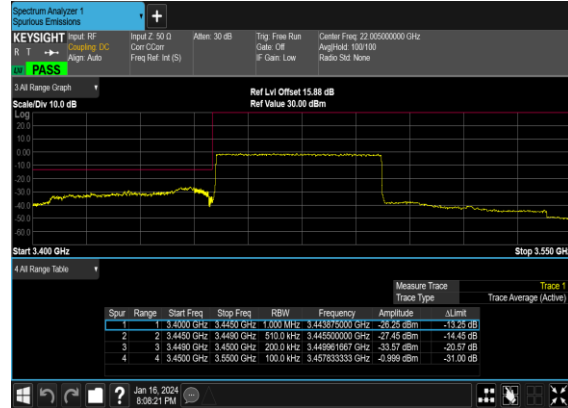
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



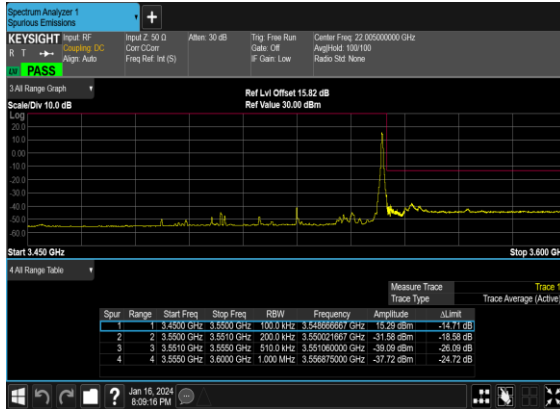
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



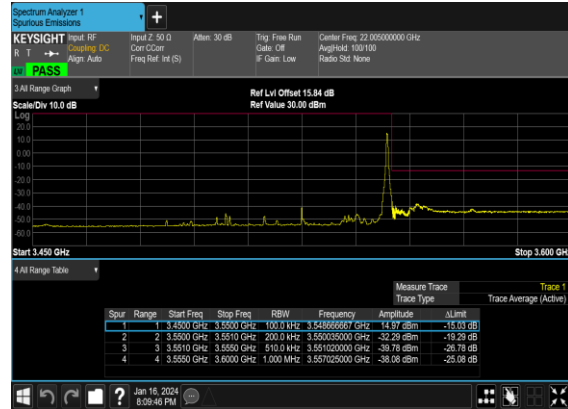
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OFDM_QPSK_Outer_Full_Low_CH



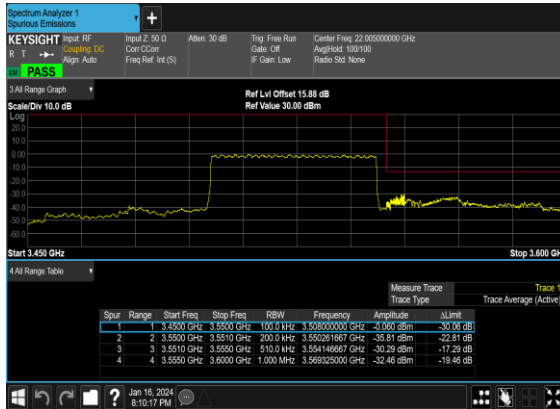
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



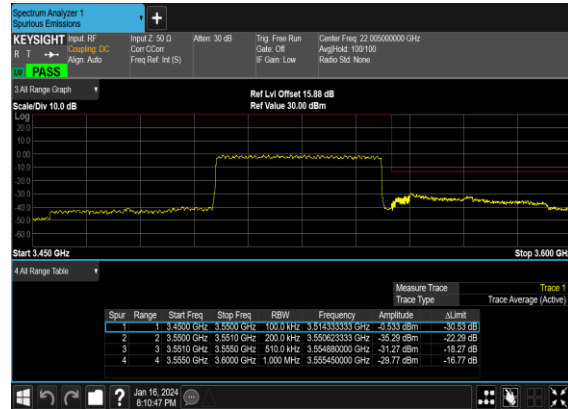
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



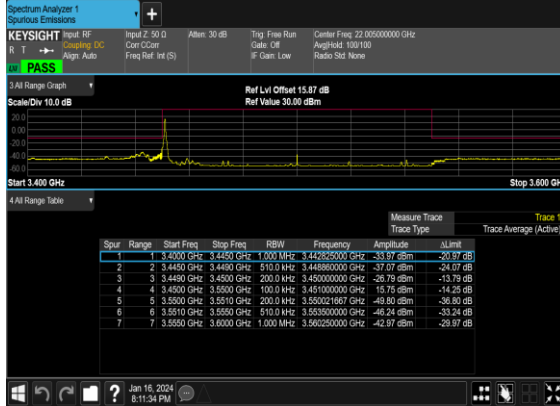
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



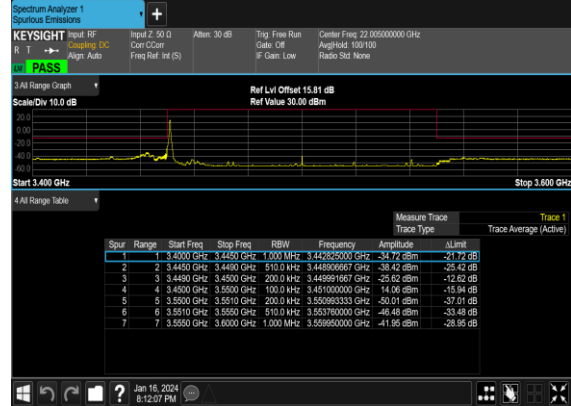
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



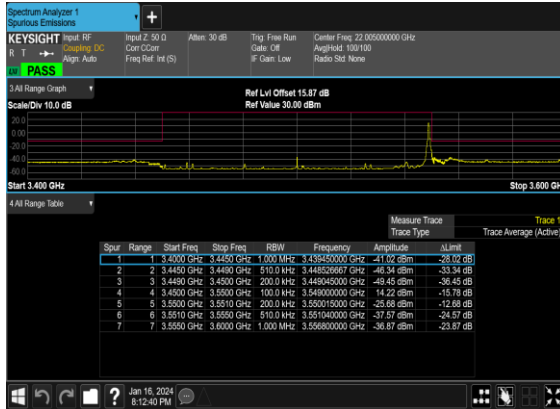
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



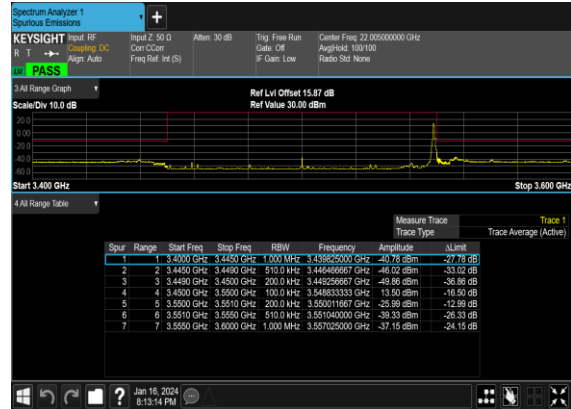
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



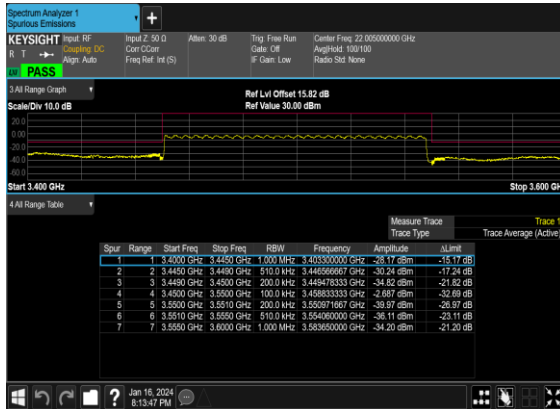
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



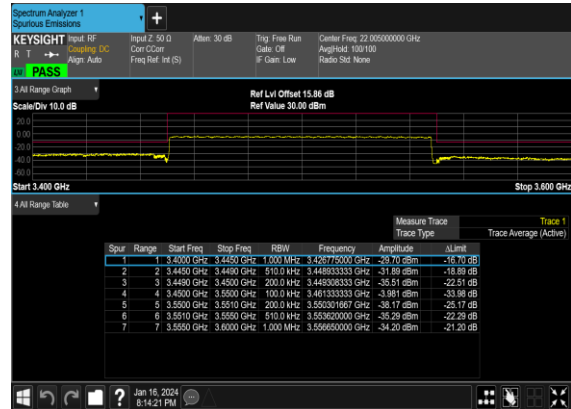
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N77 MIMO ANT(3+5)_SCS 30kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-1.49dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power (dBm)	ANT3 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	26.46	26.21	29.35	27.86	0.6109
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	25.58	25.21	28.41	26.92	0.4920
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.53	26.25	29.40	27.91	0.6180
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.61	25.35	28.49	27	0.5012
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	26.46	26.49	29.49	28	0.6310
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	25.56	25.58	28.58	27.09	0.5117
77	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	26.62	26.33	29.49	28	0.6310
77	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	25.71	25.41	28.57	27.08	0.5105
77	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.6	26.31	29.47	27.98	0.6281
77	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.61	25.34	28.49	27	0.5012
77	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	26.4	26.4	29.41	27.92	0.6194
77	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	25.5	25.49	28.51	27.02	0.5035
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	26.66	26.36	29.52	28.03	0.6353
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	25.71	25.45	28.59	27.1	0.5129
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.61	26.24	29.44	27.95	0.6237
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.52	25.22	28.38	26.89	0.4887
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	26.3	26.39	29.36	27.87	0.6124
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	25.51	25.49	28.51	27.02	0.5035
77	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	26.99	25.4	29.28	27.79	0.6012
77	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	26.09	25.75	28.93	26.65	0.4624
77	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.89	25.4	29.22	27.72	0.5916
77	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.98	25.81	28.91	26.49	0.4457
77	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	26.8	25.66	29.28	27.73	0.5929
77	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	25.97	26.06	29.03	26.56	0.4529
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	26.28	26.25	29.28	28	0.6310
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	25.2	25.06	28.14	27.12	0.5152
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.16	26.24	29.21	27.94	0.6223
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.9	25.03	27.98	26.49	0.4457
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	26.08	26.33	29.22	27.73	0.5929
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.99	25.09	28.05	26.56	0.4529
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	26.65	26.3	29.49	28	0.6310
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	25.73	25.47	28.61	27.12	0.5152
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.6	26.24	29.43	27.94	0.6223
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.73	25.36	28.56	27.07	0.5093
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	26.5	26.41	29.47	27.98	0.6281
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	25.47	25.49	28.49	27	0.5012
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	26.53	26.23	29.39	27.9	0.6166
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	25.45	25.17	28.32	26.83	0.4819
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.56	26.22	29.40	27.91	0.6180

77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.52	25.1	28.33	26.84	0.4831
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.39	26.23	29.32	27.83	0.6067
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	25.34	25.16	28.26	26.77	0.4753
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	26.64	26.34	29.50	28.01	0.6324
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	25.63	25.29	28.47	26.98	0.4989
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.64	26.13	29.40	27.91	0.6180
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.62	25.09	28.37	26.88	0.4875
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	26.56	26.3	29.44	27.95	0.6237
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	25.56	25.27	28.43	26.94	0.4943
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	26.54	26.25	29.41	27.92	0.6194
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	25.49	25.1	28.31	26.82	0.4808
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.64	26.11	29.39	27.9	0.6166
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.47	25.01	28.26	26.77	0.4753
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	26.55	26.2	29.39	27.9	0.6166
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	25.48	25.13	28.32	26.83	0.4819
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	26.61	26.29	29.46	27.97	0.6266
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	25.51	25.19	28.36	26.87	0.4864
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.66	26.25	29.47	27.98	0.6281
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.6	25.17	28.40	26.91	0.4909
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	26.67	26.16	29.43	27.94	0.6223
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	25.67	25.13	28.42	26.93	0.4932
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	26.64	26.3	29.48	27.99	0.6295
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	25.6	25.25	28.44	26.95	0.4955
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.48	26.19	29.35	27.86	0.6109
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.44	25.08	28.27	26.78	0.4764
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	26.59	26.18	29.40	27.91	0.6180
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	25.52	25.07	28.31	26.82	0.4808
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	26.55	26.43	29.50	28.01	0.6324
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.44	26.04	29.25	27.76	0.5970
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	26.31	26.43	29.38	27.89	0.6152
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	26.65	26.39	29.53	28.04	0.6368
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.34	25.94	29.15	27.66	0.5834
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	26.24	26.37	29.32	27.83	0.6067
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	25.58	25.49	28.55	27.06	0.5082
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.61	25.36	28.50	27.01	0.5023
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	25.31	25.52	28.43	26.94	0.4943
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.62	23.52	26.58	25.09	0.3228
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.73	23.49	26.62	25.13	0.3258
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	23.53	23.61	26.58	25.09	0.3228
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	23.61	23.49	26.56	25.07	0.3214
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.24	20.91	24.09	22.6	0.1820
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.97	21.14	24.07	22.58	0.1811
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	25.26	24.98	28.13	26.64	0.4613
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	25.15	24.82	28.00	26.51	0.4477
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	24.87	25.04	27.97	26.48	0.4446

FR1 N77 MIMO ANT(3+5)_ANT5_SCS 30kHz

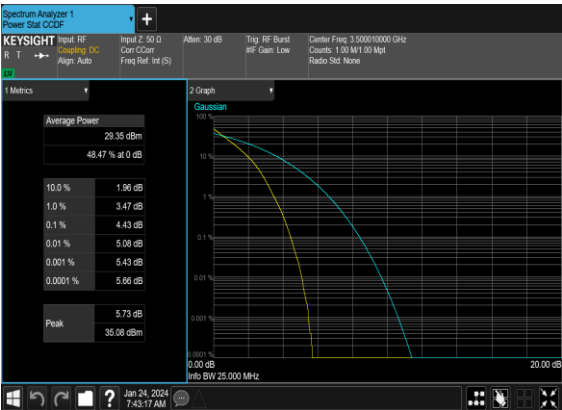
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0029	PASS	NV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0038	PASS	LV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0021	PASS	HV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0032	PASS	-30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0021	PASS	-20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0025	PASS	-10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0024	PASS	0°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0030	PASS	10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0029	PASS	20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0026	PASS	30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0067	PASS	40°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0030	PASS	50°C

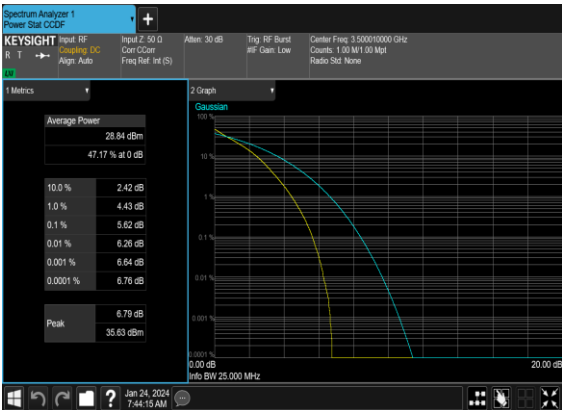
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	4.43	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	5.62	13	PASS

N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

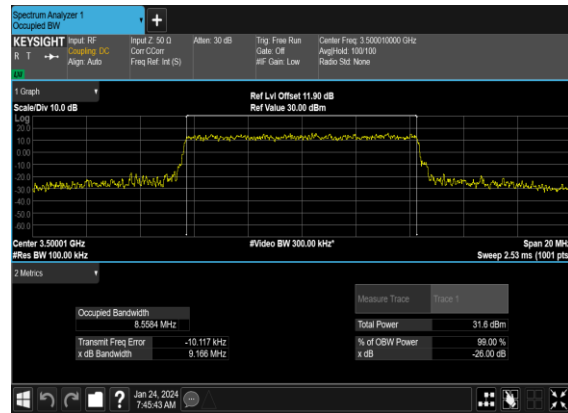
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.585	9.123
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5584	9.166
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5374	9.076
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5785	9.126
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.565	14.25
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.546	14.32
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.577	14.2
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.561	14.23
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.179	19.06
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.184	19.09
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.189	19.09
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.217	18.97
77	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.247	24.16
77	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.211	24.06
77	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.169	24.24
77	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.215	24.08
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.852	28.99
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.835	28.87
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.884	28.77
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.858	29.13
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.863	39.13
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.789	39.15
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.861	39.31
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.829	39.15
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.409	48.98
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.406	49.09
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.402	48.94
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.638	48.97
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.954	59.74
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.839	59.77
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.884	59.72
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.732	59.66
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.431	69.79
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.416	69.7
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.607	69.68
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.446	69.78
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.587	80.05
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.396	79.92
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.657	80.0
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.516	79.86

77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.469	90.22
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.265	90.11
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.317	90.25
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.487	90.2
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.468	100.4
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.31	100.4
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.464	100.6
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.385	100.5

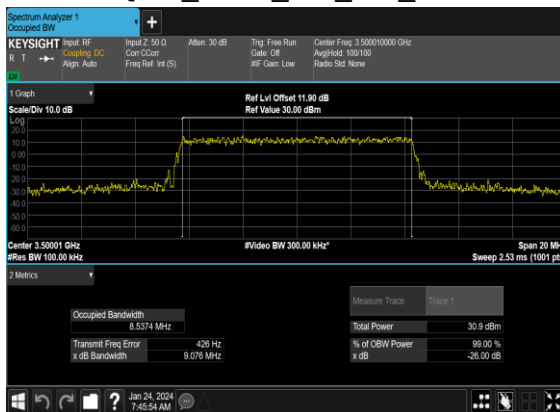
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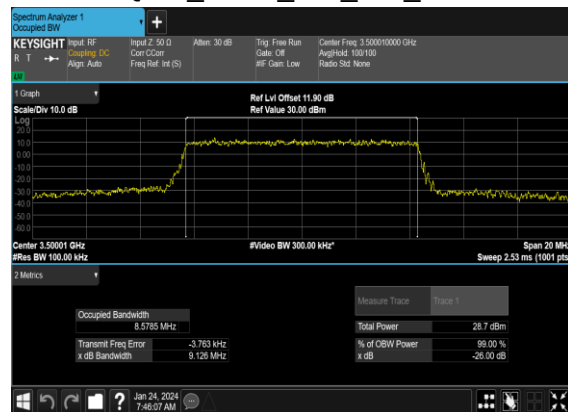
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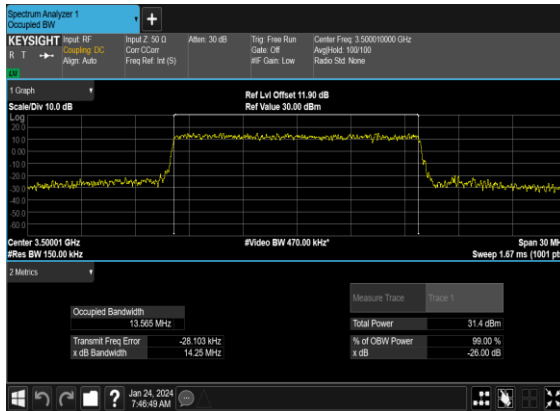
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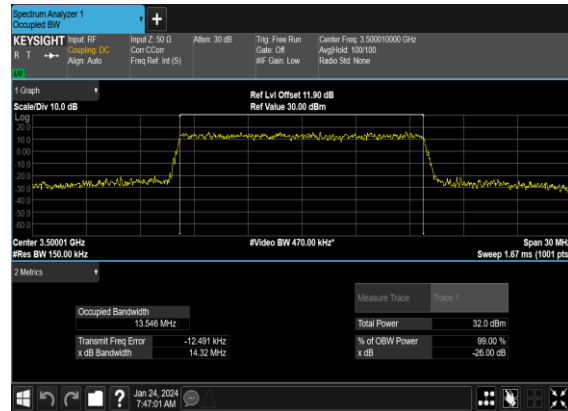
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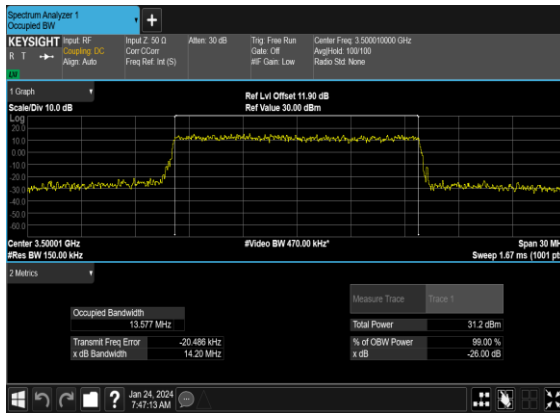
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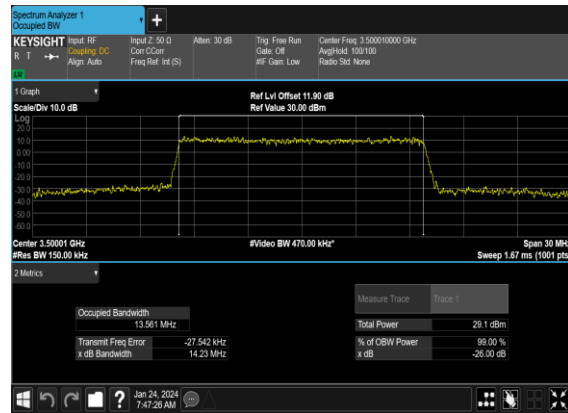
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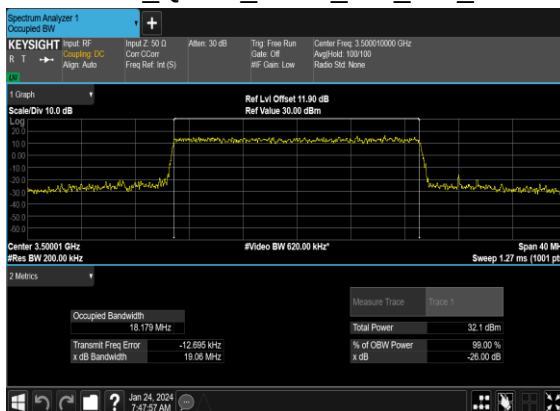
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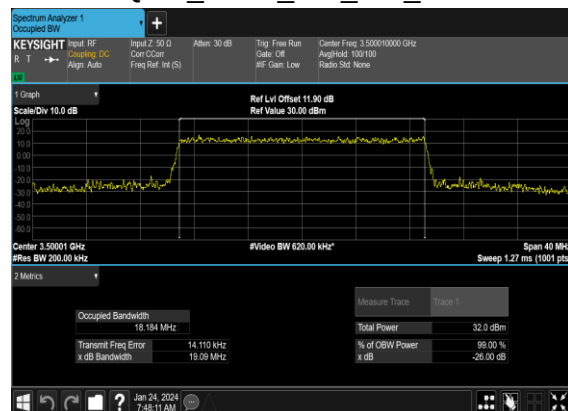
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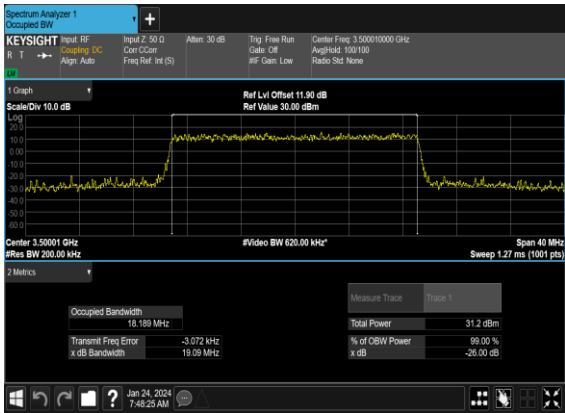
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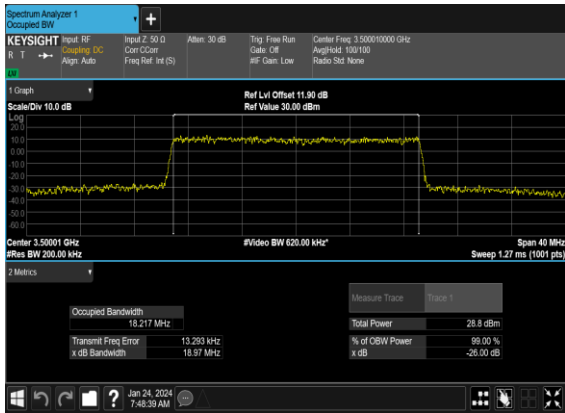
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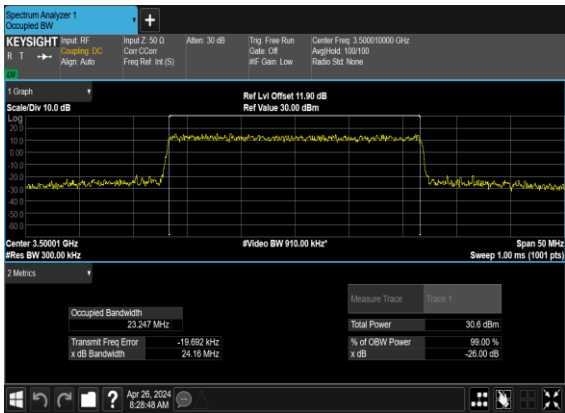
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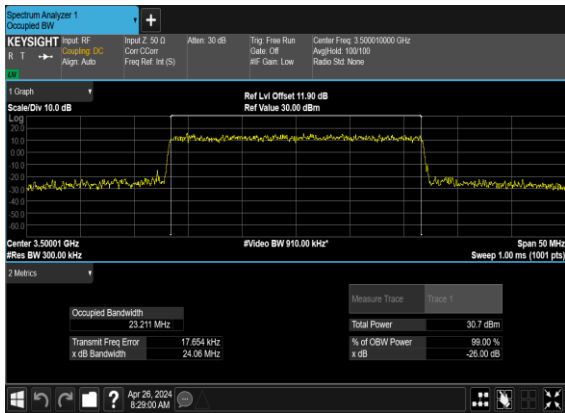
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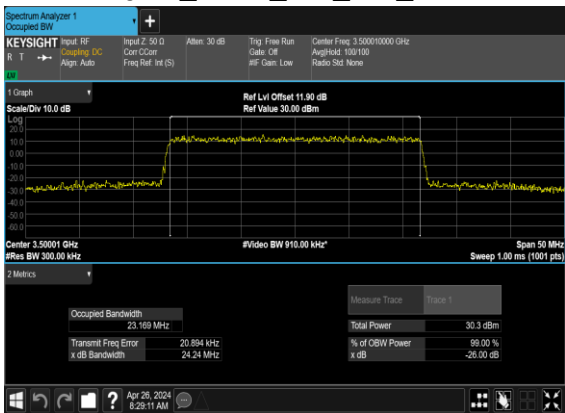
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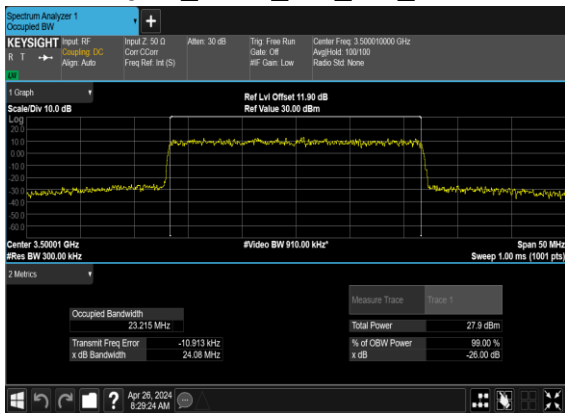
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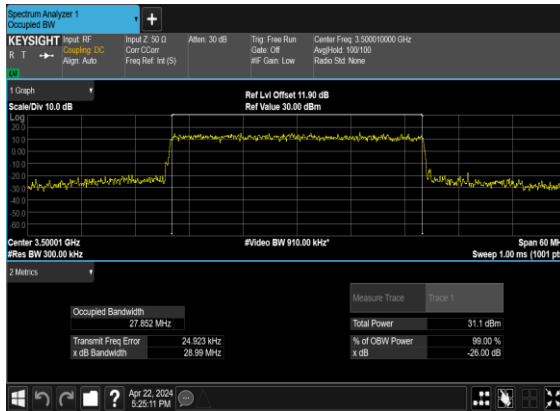
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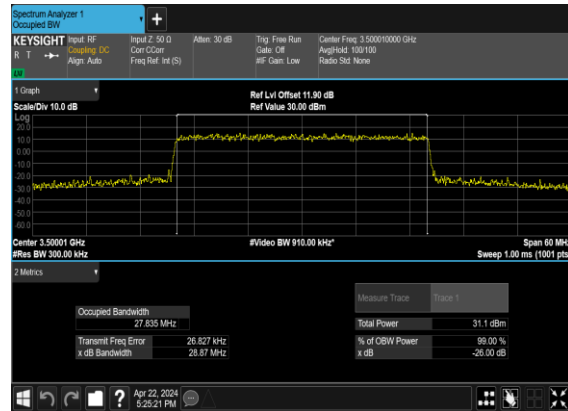
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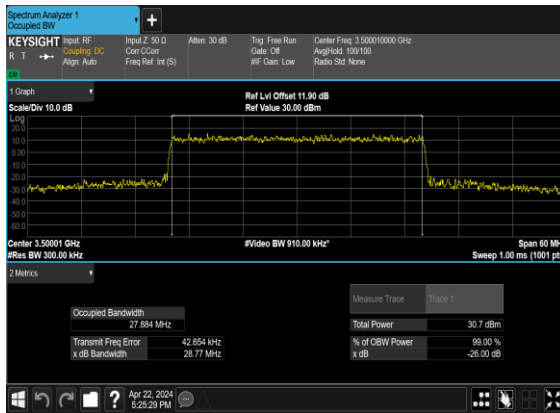
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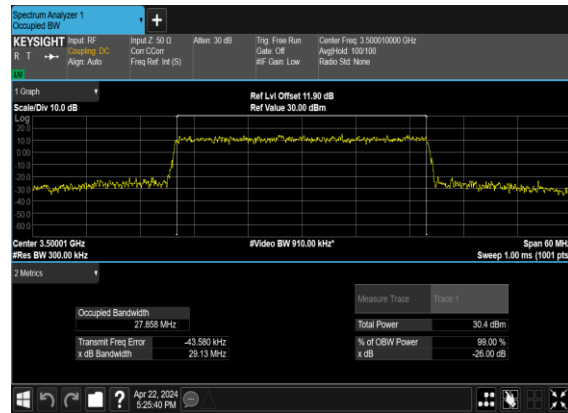
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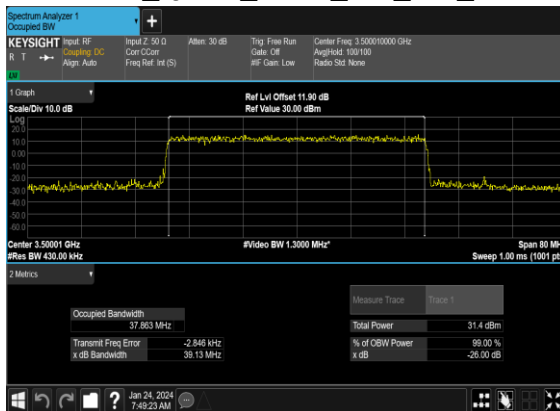
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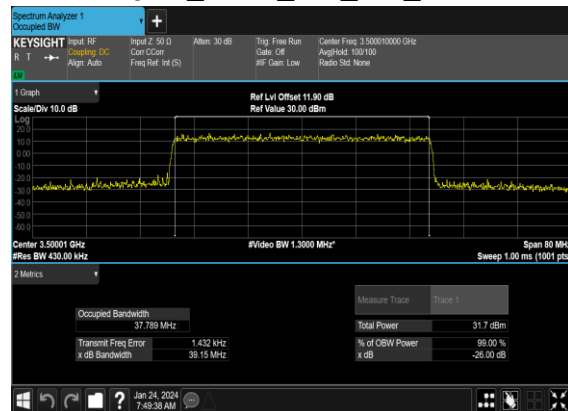
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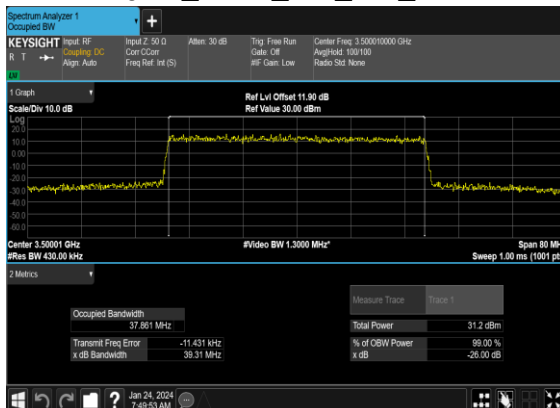
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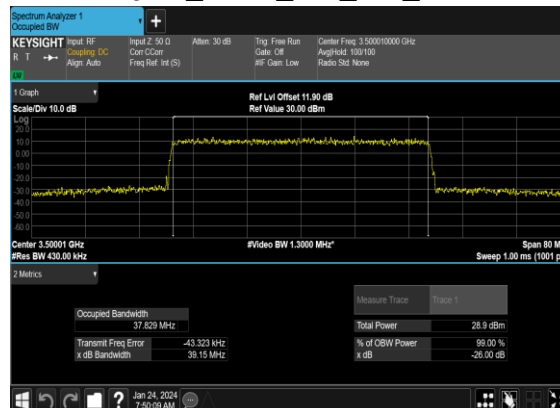
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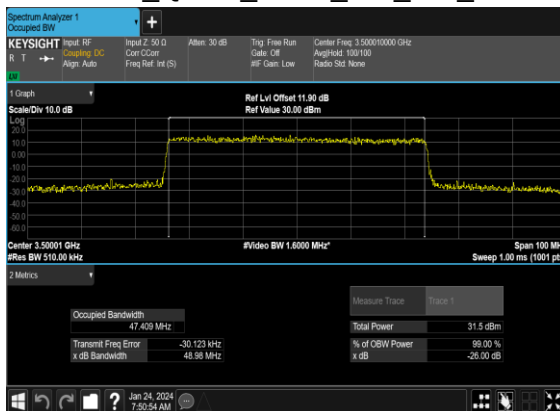
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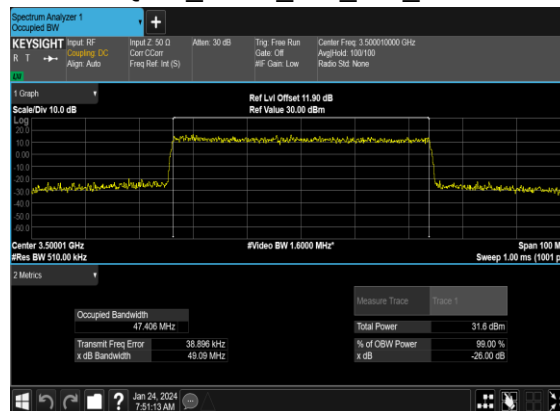
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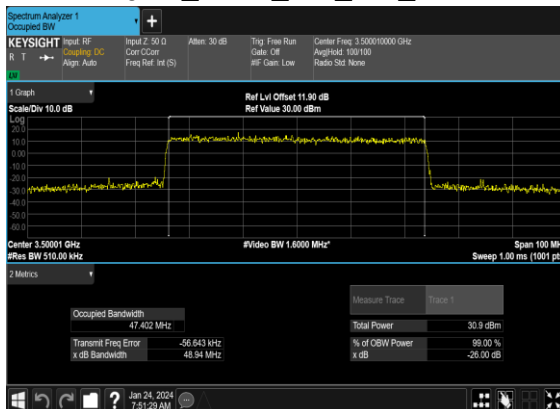
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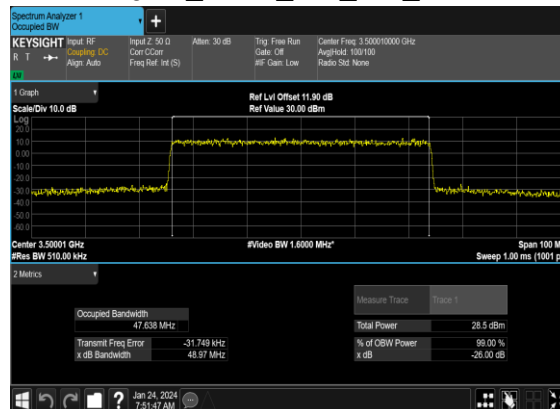
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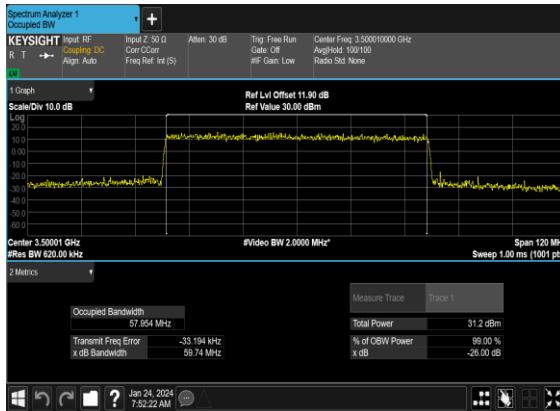
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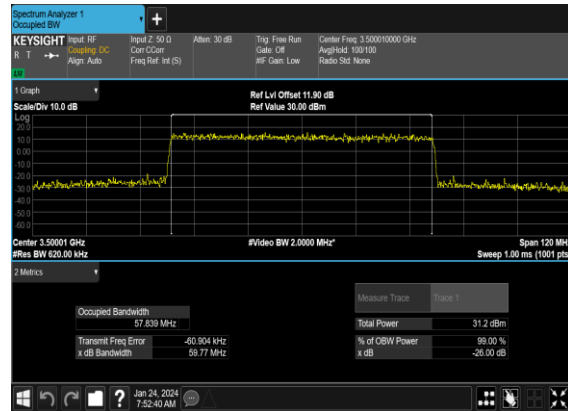
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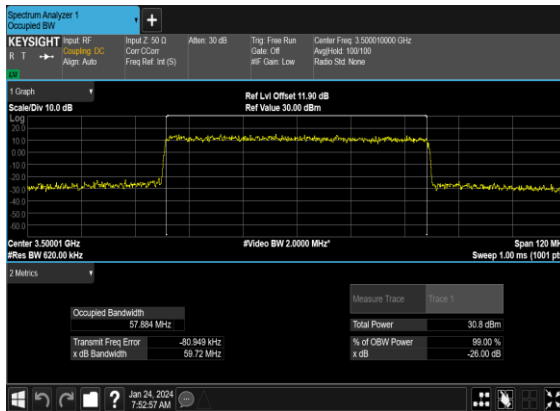
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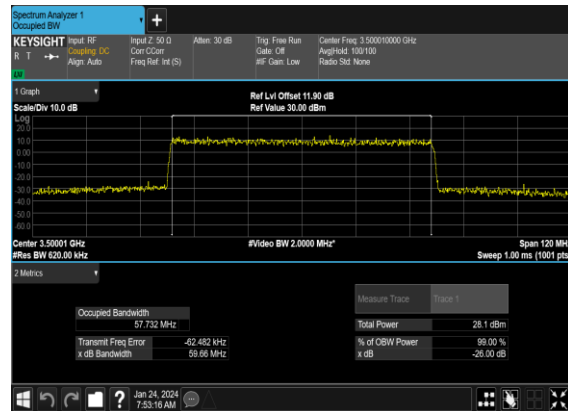
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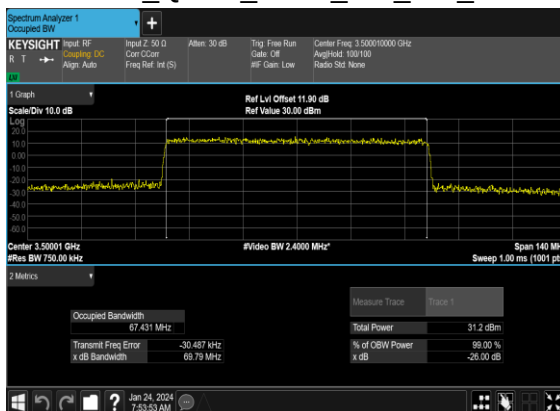
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QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N77(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

