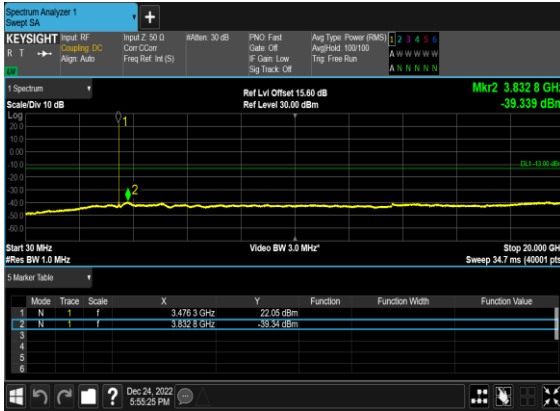
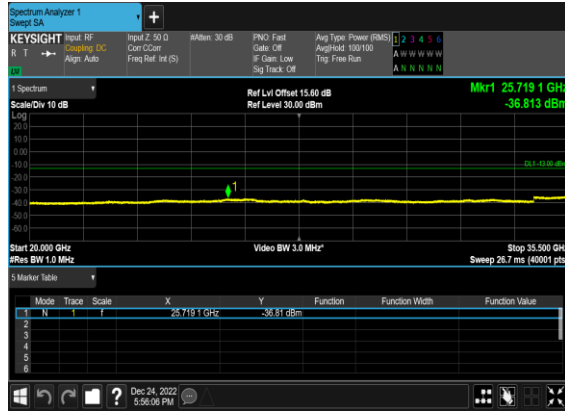


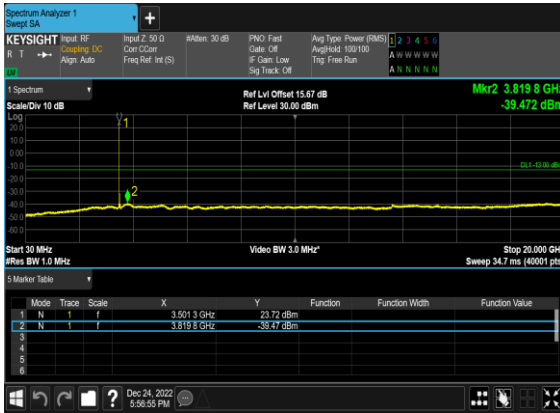
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



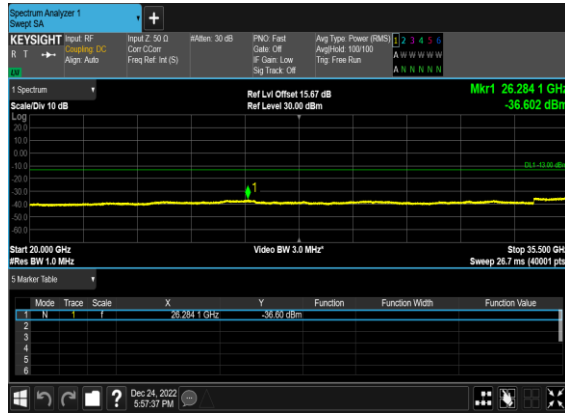
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



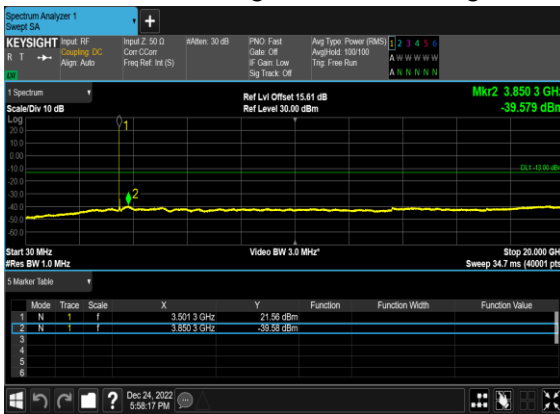
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



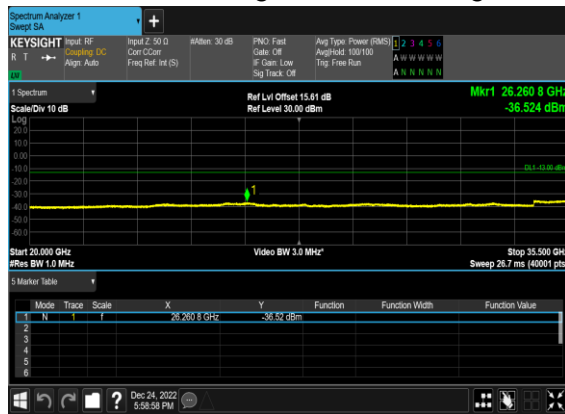
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



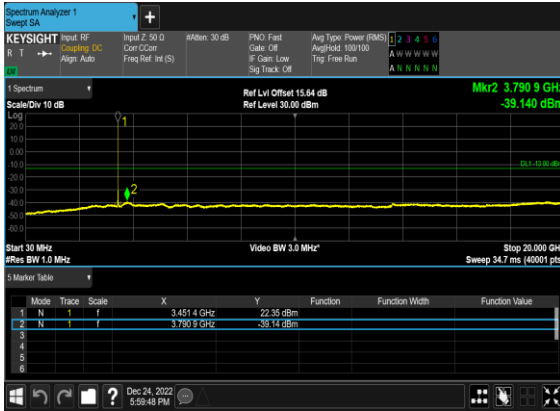
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



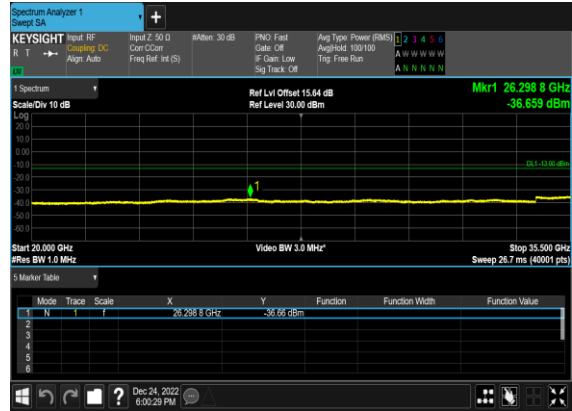
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



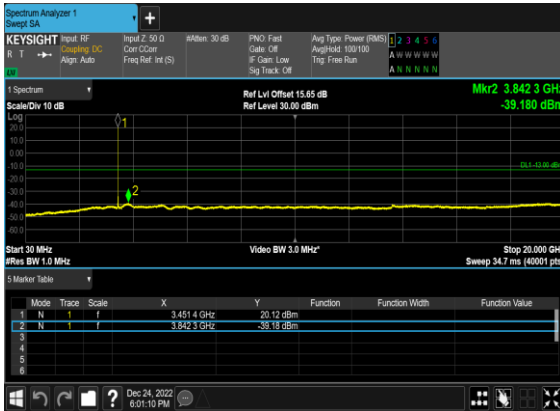
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



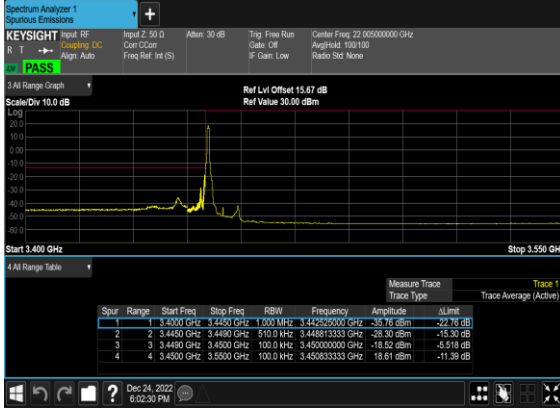
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

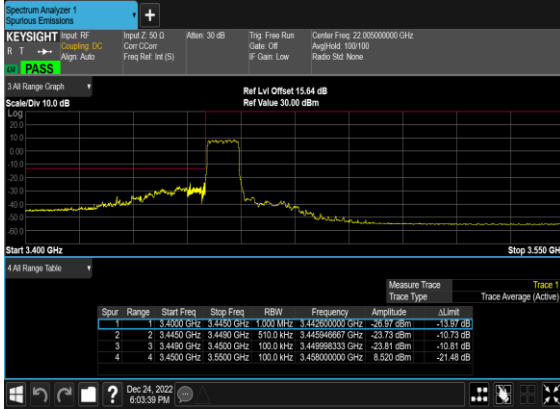
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



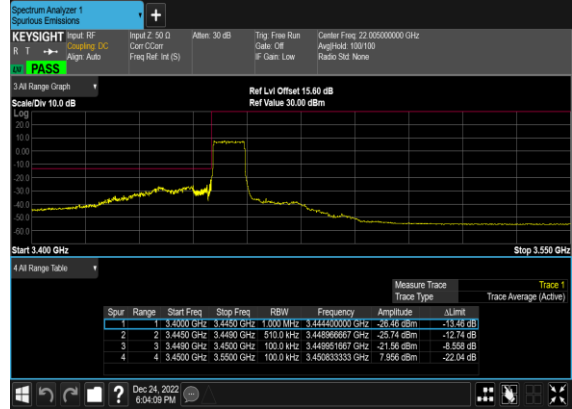
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



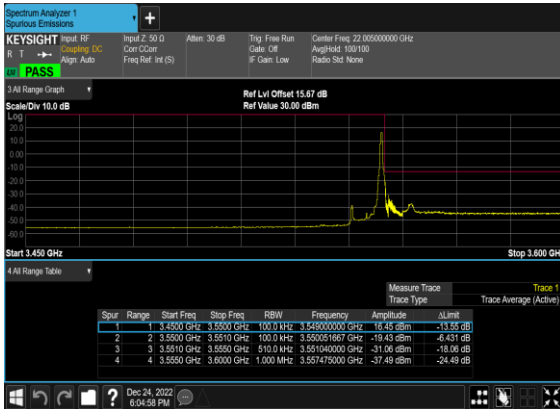
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



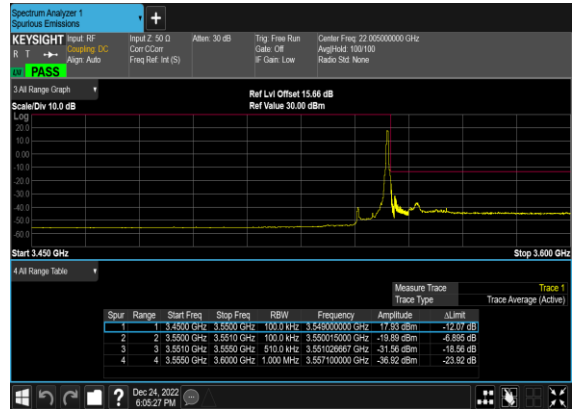
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



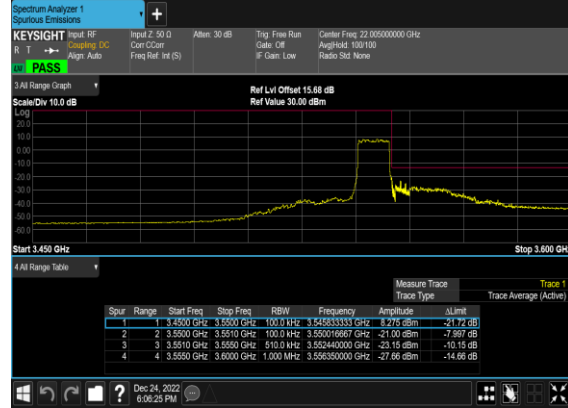
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



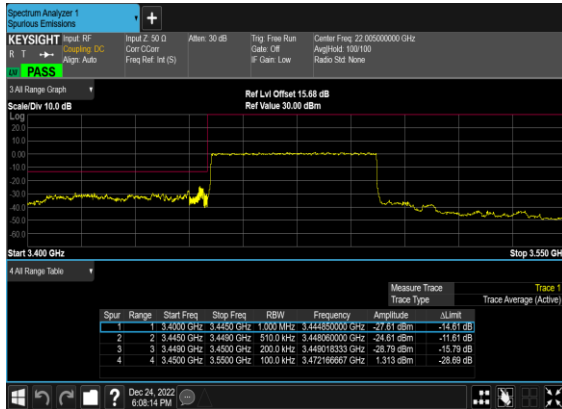
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



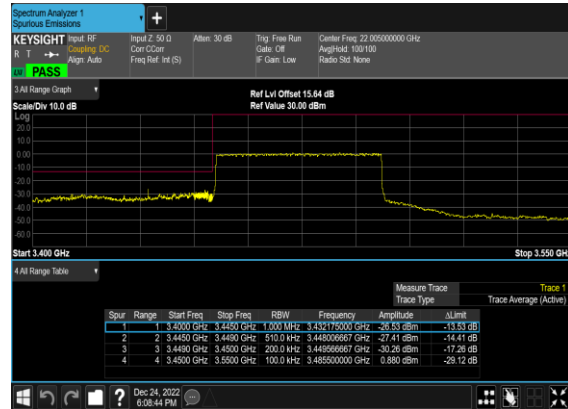
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



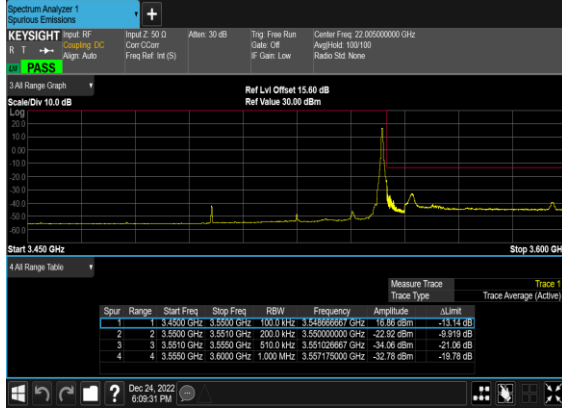
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



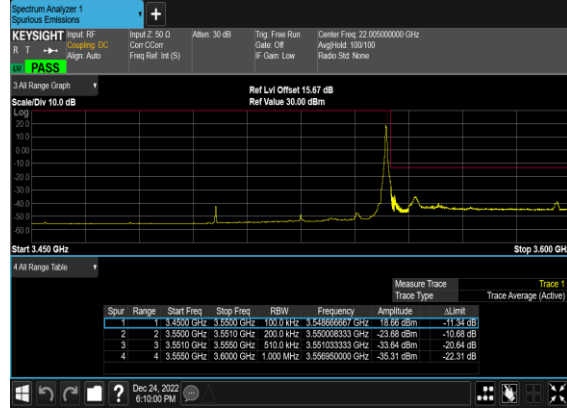
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



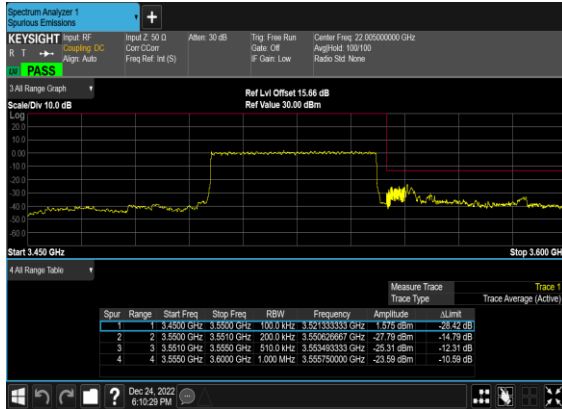
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



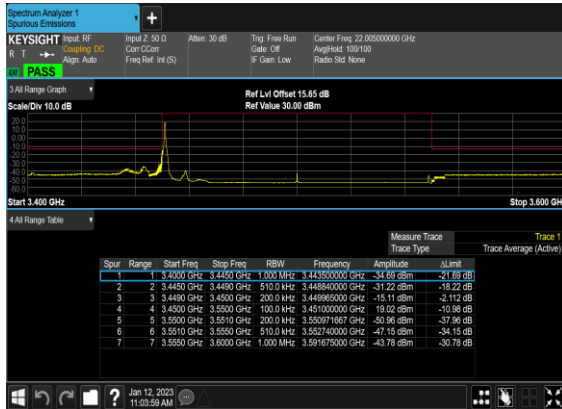
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



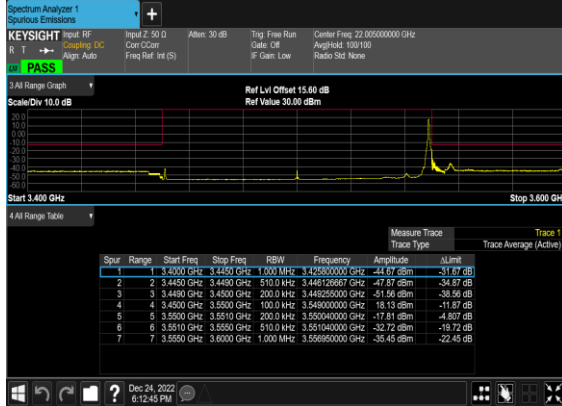
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



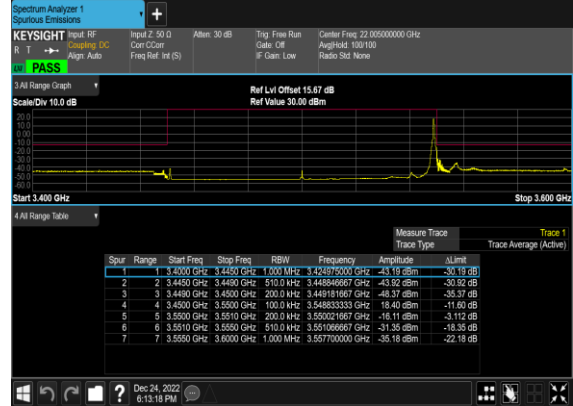
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



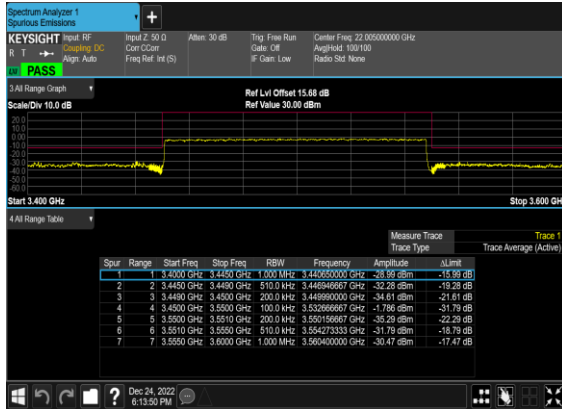
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



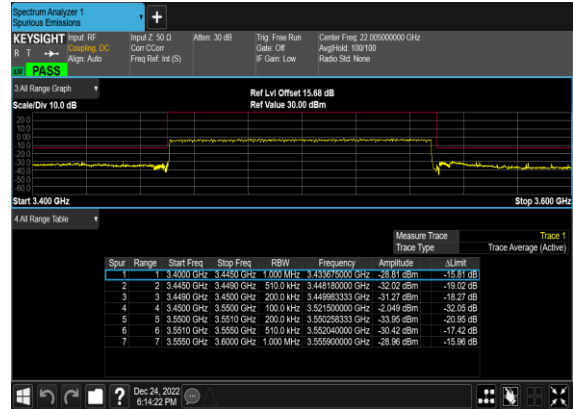
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N77(ANT2) - Other PA

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	0.0061	PASS	LV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0031	PASS	HV
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	0.0058	PASS	-20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0026	PASS	-10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0043	PASS	0°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0045	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	0.0030	PASS	30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0024	PASS	40°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0063	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	630668	3460.02	DFT-s-OFDM PI/2 BPSK	50@0	6.89	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@0	7.76	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	7.55	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	7.62	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	6.85	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	8.01	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	7.55	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	7.19	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	50@0	6.84	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	1@0	7.96	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	7.53	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	7.19	13	PASS

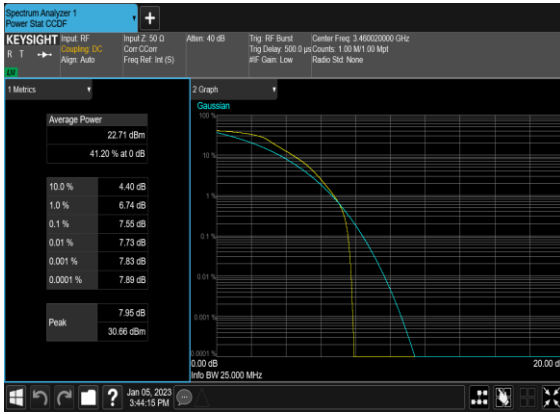
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



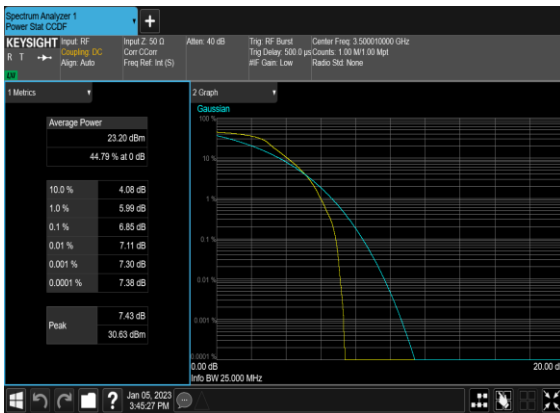
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



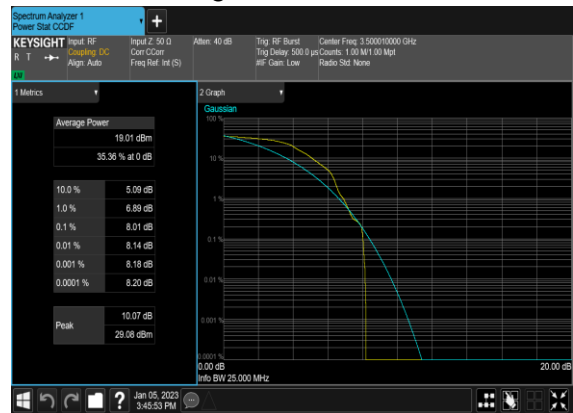
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



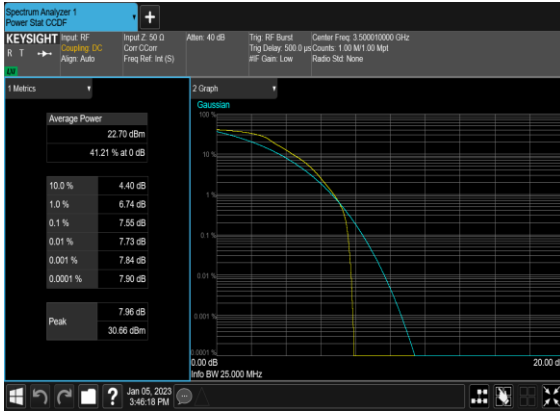
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



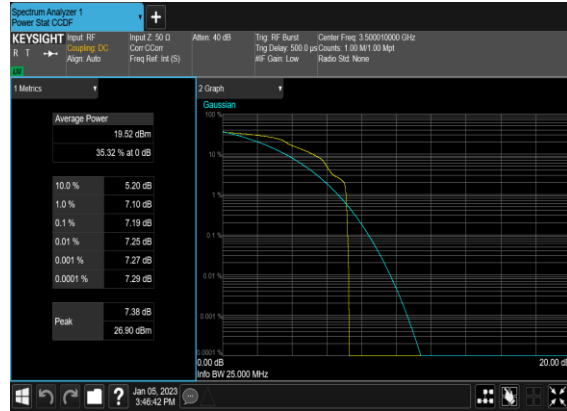
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



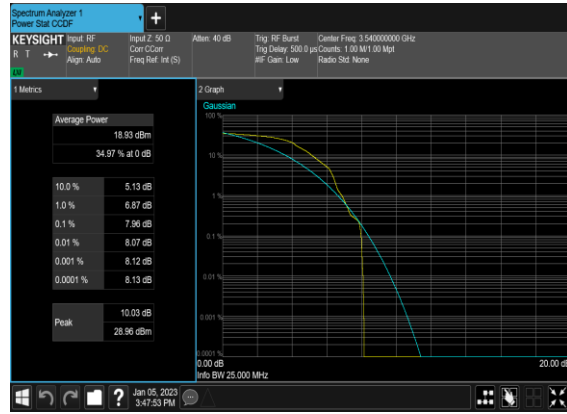
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



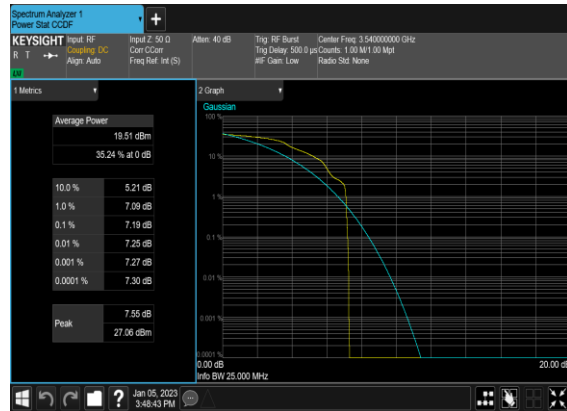
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



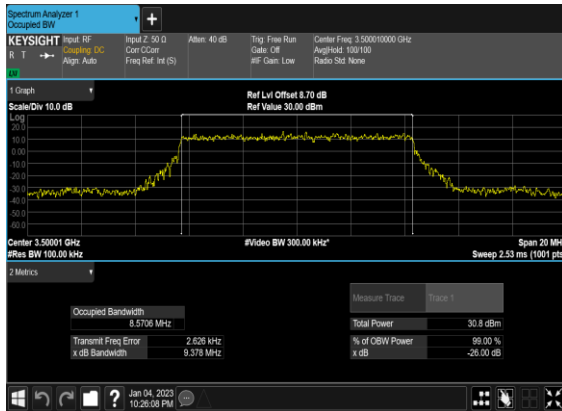
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	24@0	8.5706	9.378
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	24@0	8.5345	9.729
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5791	9.693
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5887	9.47
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5915	9.231
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.62	9.649
77	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	36@0	12.84	14.09
77	30	15	633334	3500.01	DFT-s-OFDM QPSK	36@0	12.866	13.86
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.549	14.73
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.638	14.86
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.541	14.67
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.626	14.74
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	17.779	18.9
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.783	18.82
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.22	19.28
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.223	19.33
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.235	19.31
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.177	19.37
77	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	75@0	26.76	27.95
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	26.739	27.85
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.846	29.5
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.875	29.09
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.794	29.2
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.761	29.43
77	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	100@0	35.683	37.29

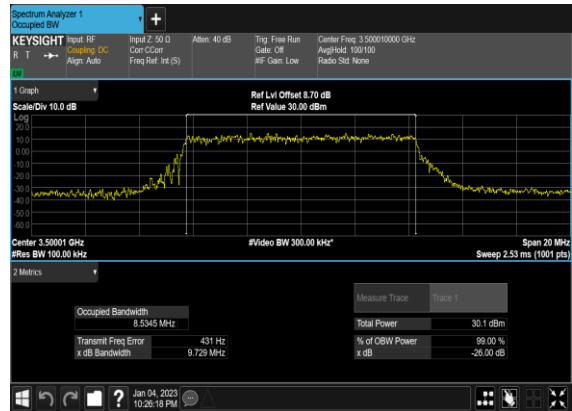
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	100@0	35.765	37.34
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.862	39.05
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.9	39.19
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.789	39.5
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.753	39.11
77	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	128@0	45.749	47.23
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	128@0	45.684	47.33
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.499	49.16
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.638	49.29
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.475	49.43
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.416	49.35
77	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	162@0	57.97	59.69
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	162@0	57.893	59.7
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.817	60.04
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.785	59.8
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.833	59.74
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.951	59.9
77	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	180@0	64.352	66.25
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	180@0	64.077	66.34
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.584	69.88
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.425	69.56
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.487	69.77
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.49	69.69
77	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	216@0	77.095	79.77
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	216@0	77.111	79.45
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.437	79.94
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.364	80.24

77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.309	80.05
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.563	79.94
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	240@0	85.786	88.45
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	240@0	85.582	88.43
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.531	90.18
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.214	90.32
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.209	90.16
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.355	90.25
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	96.395	99.52
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	96.346	99.53
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.442	100.4
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.736	100.8
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.392	100.6
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.416	100.5

N77(10M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N77(10M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



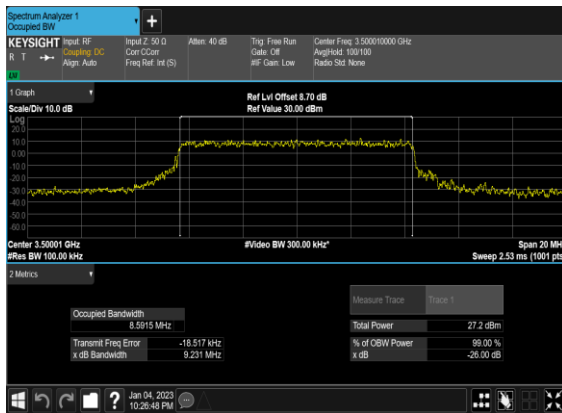
N77(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



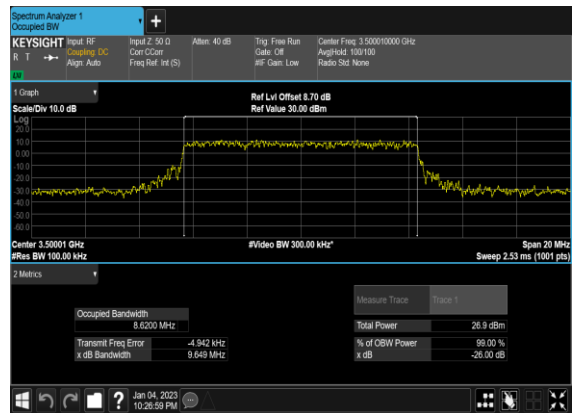
N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



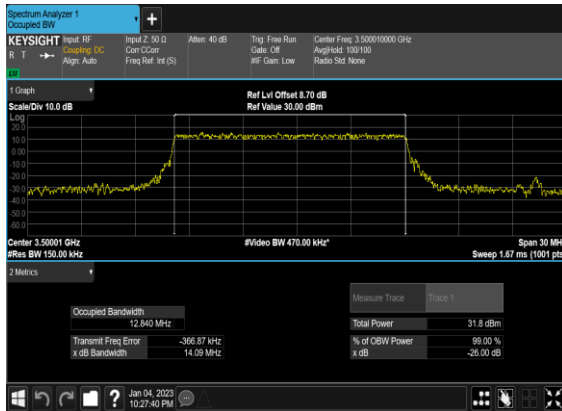
N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



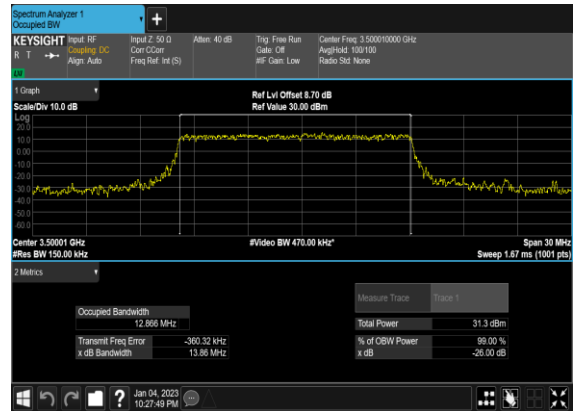
N77(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(15M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



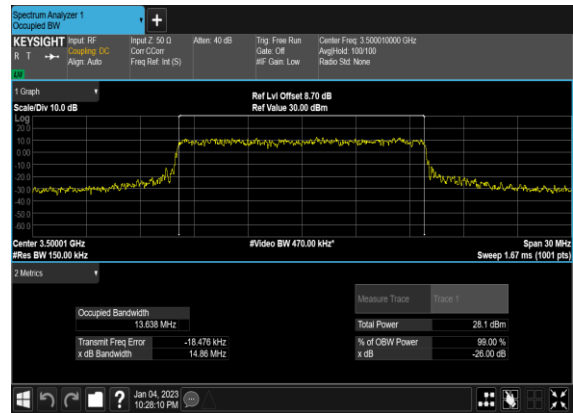
N77(15M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



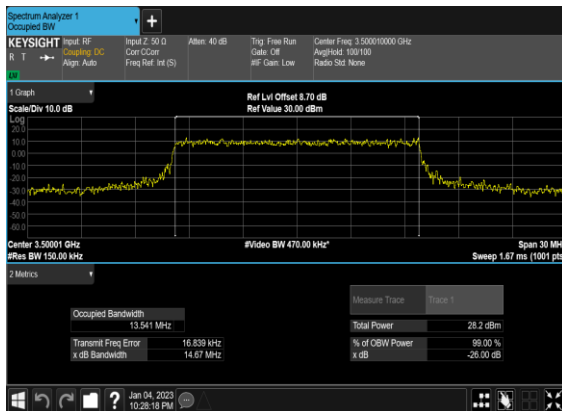
N77(15M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



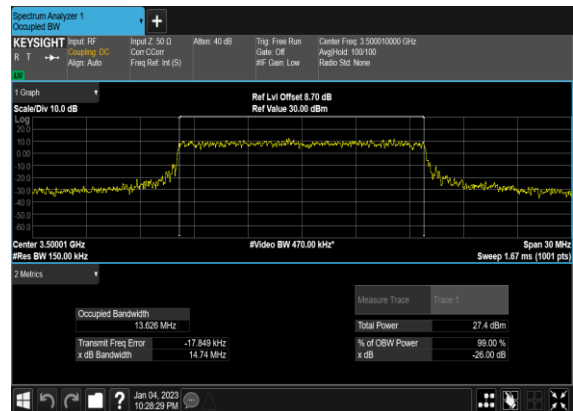
N77(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



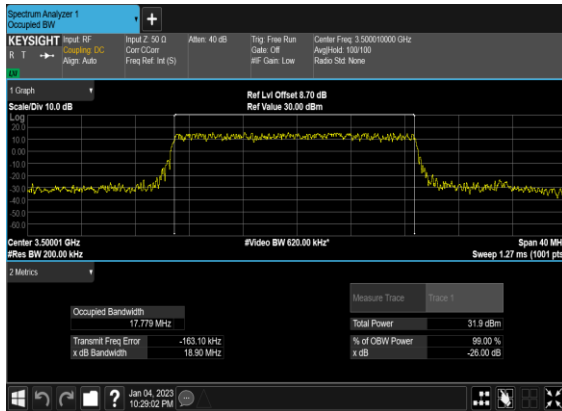
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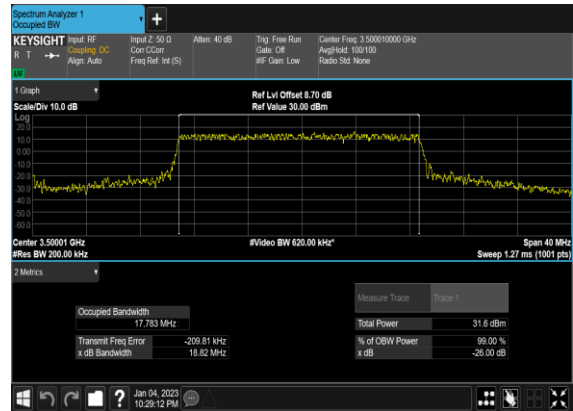
N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



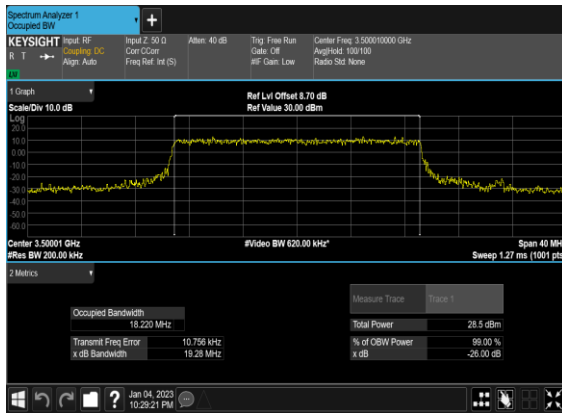
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



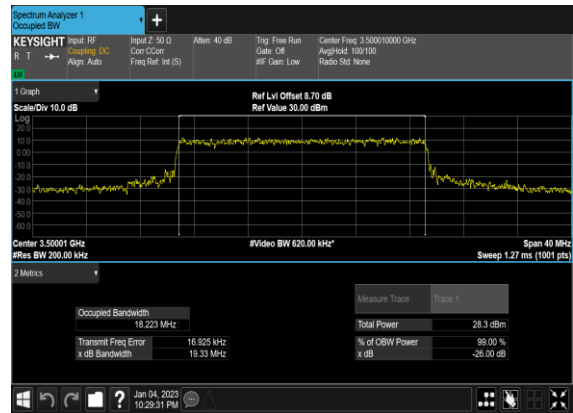
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



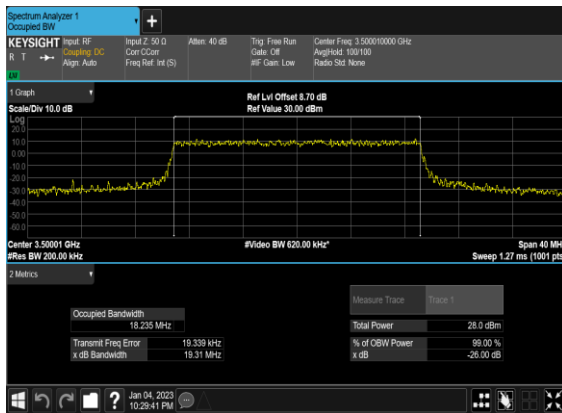
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



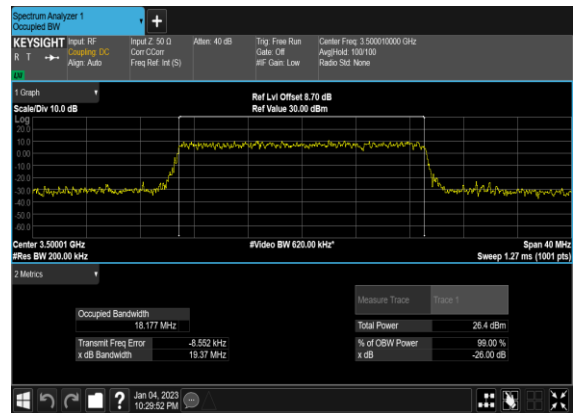
N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



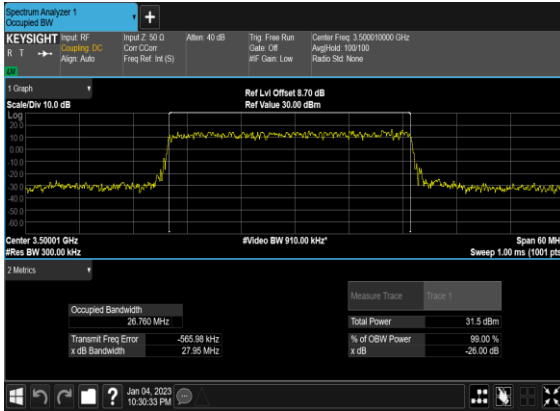
N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



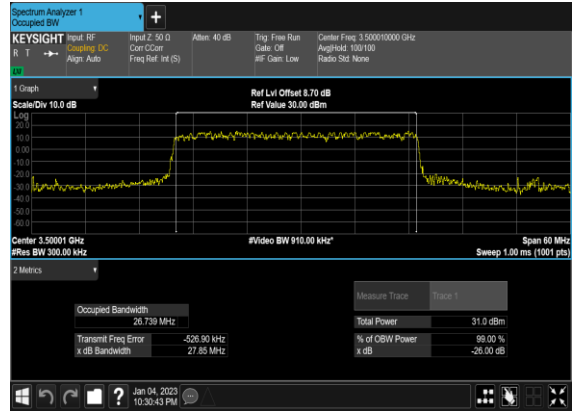
N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



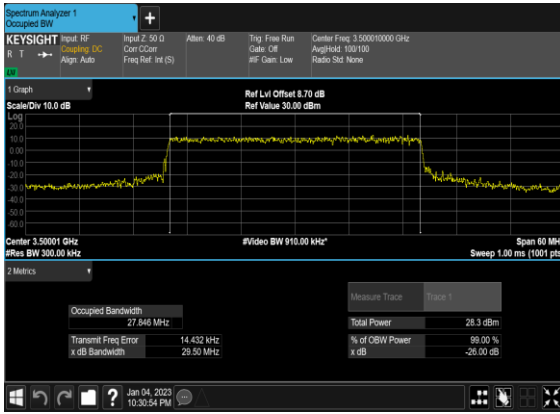
N77(30M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N77(30M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



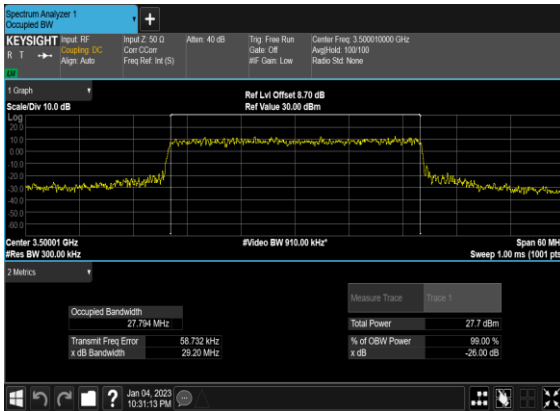
N77(30M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



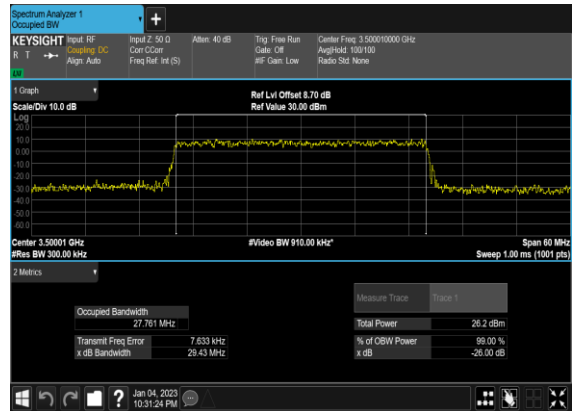
N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



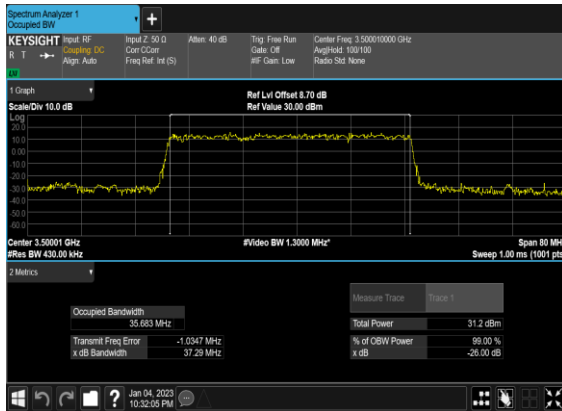
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



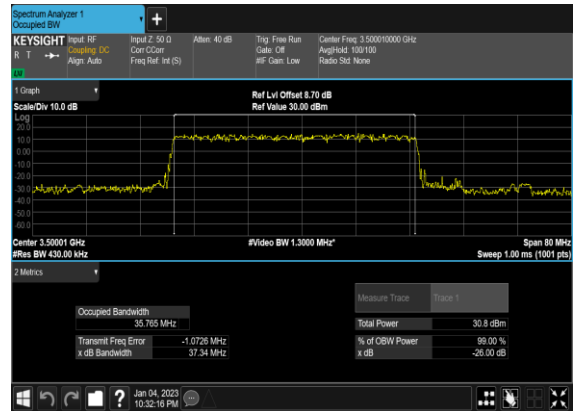
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



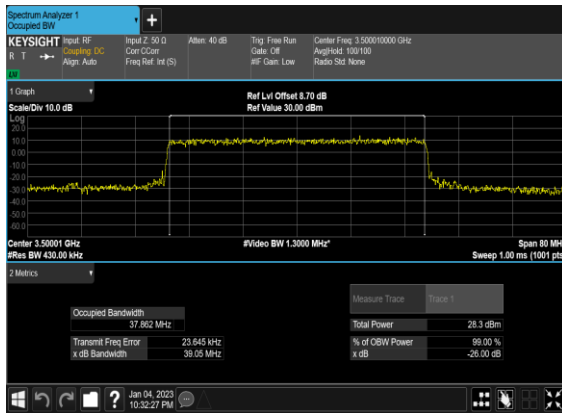
N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



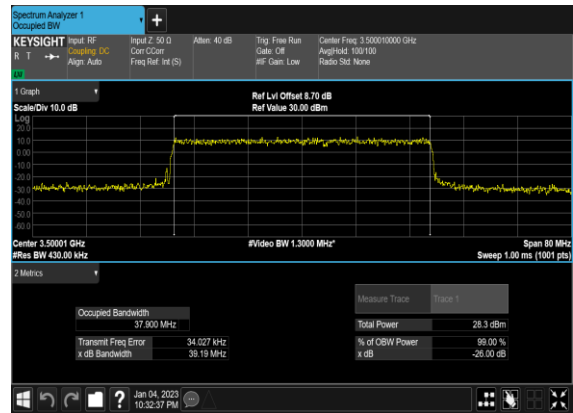
N77(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



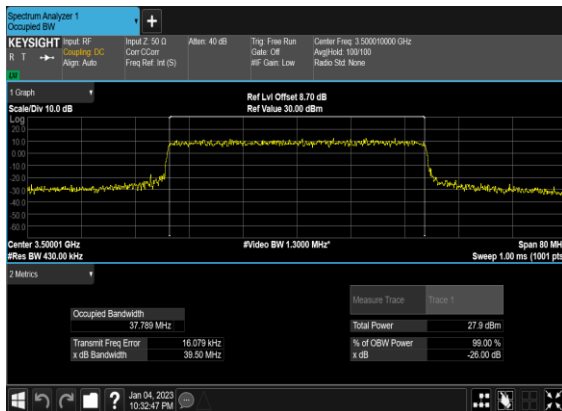
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



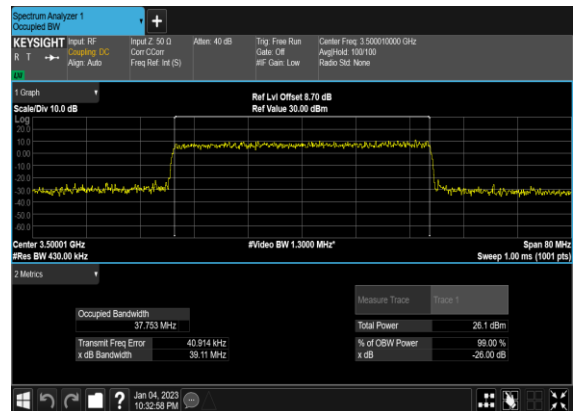
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



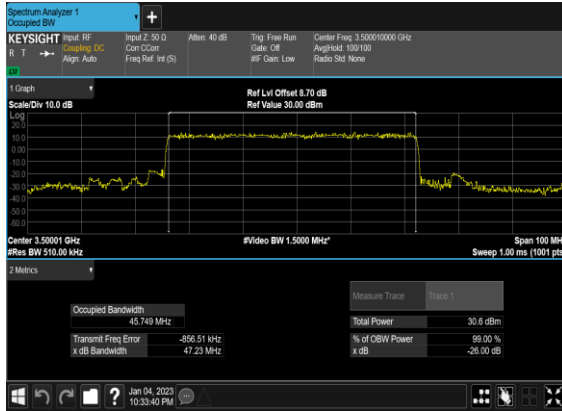
N77(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



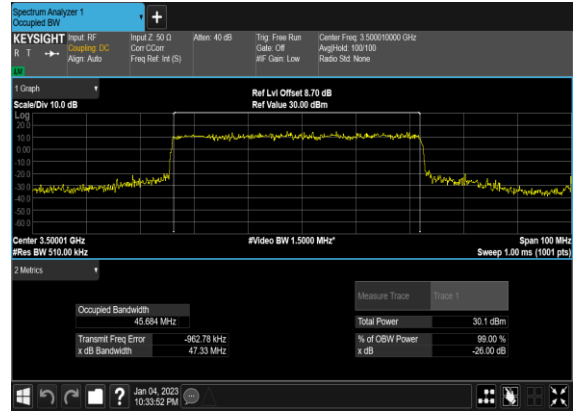
N77(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



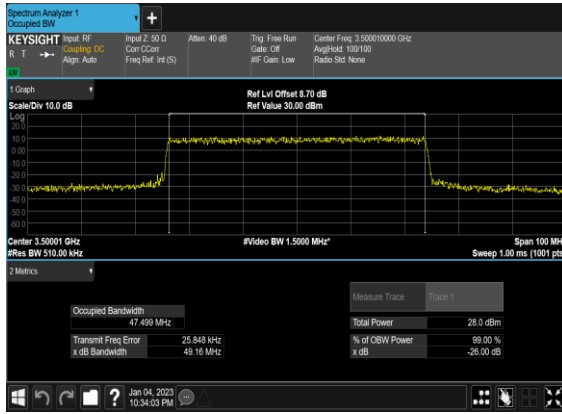
N77(50M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



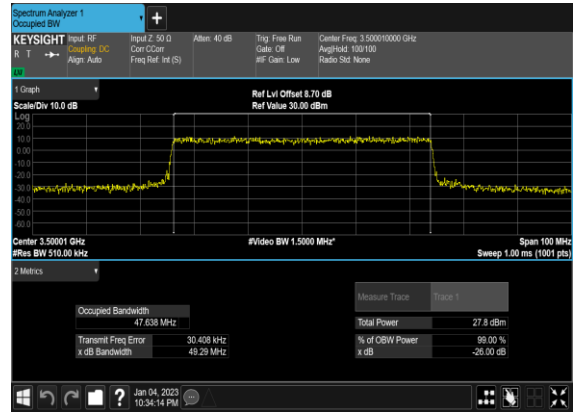
N77(50M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



N77(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



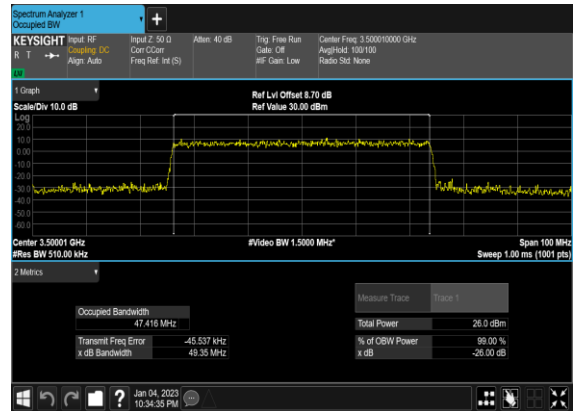
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



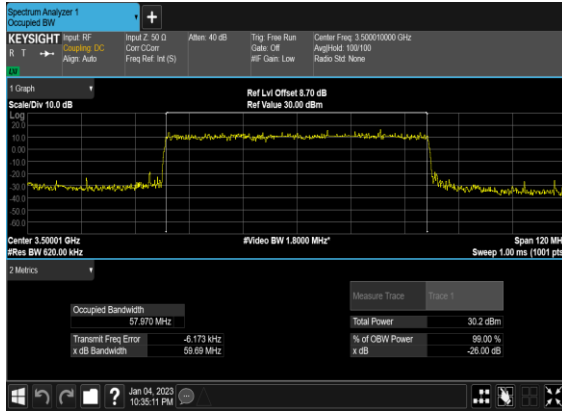
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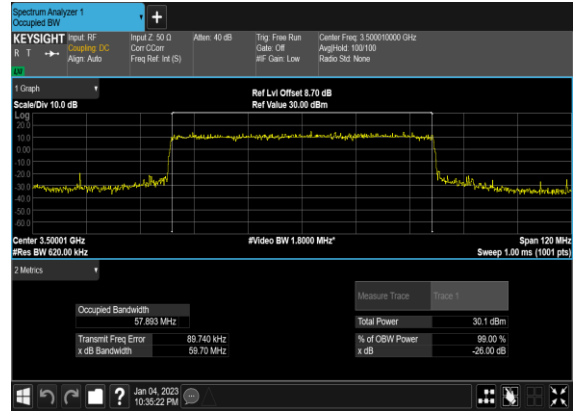
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



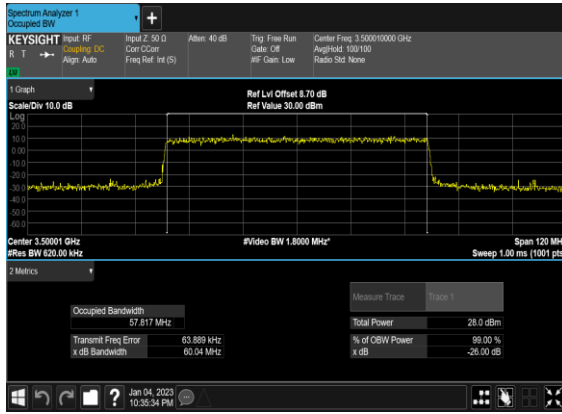
N77(60M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



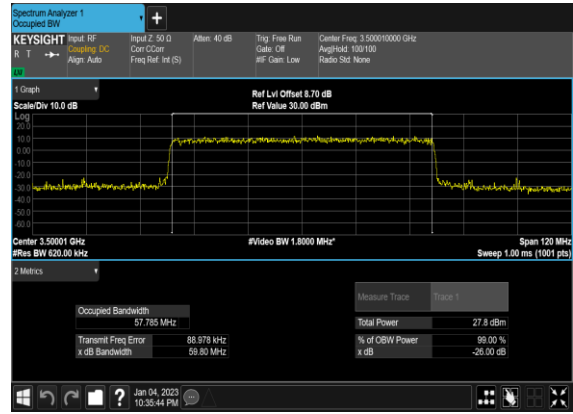
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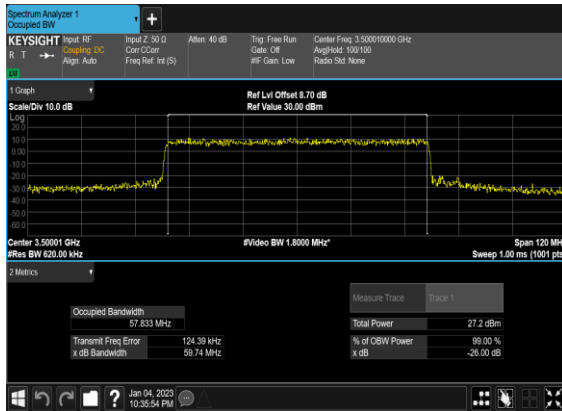
N77(60M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



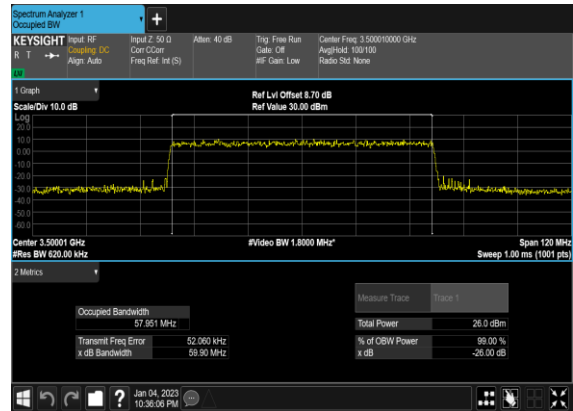
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



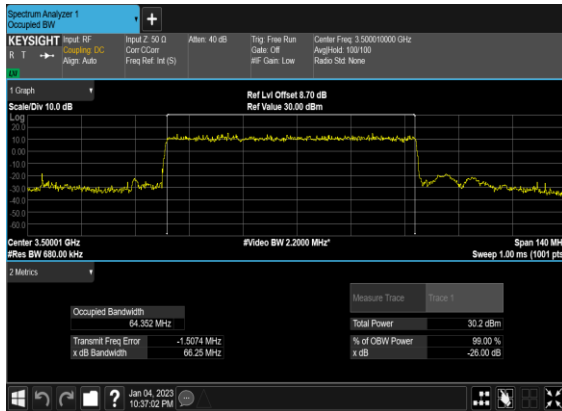
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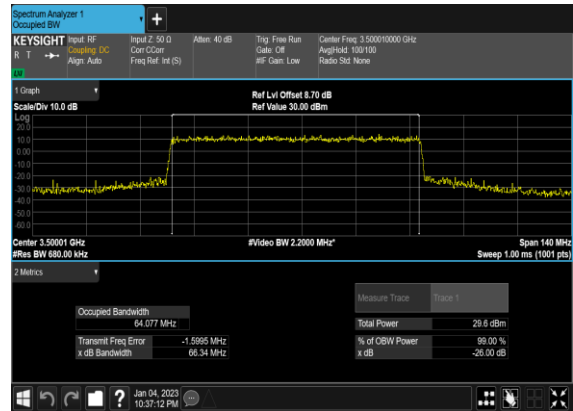
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



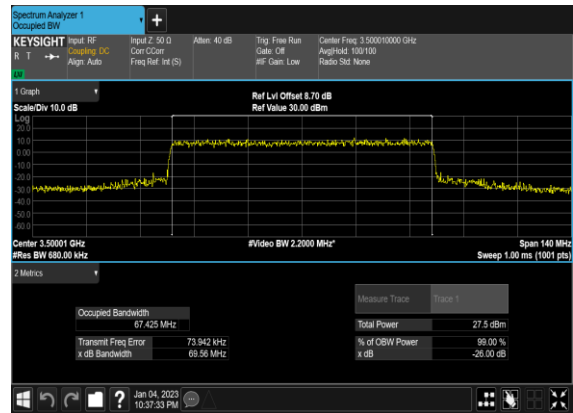
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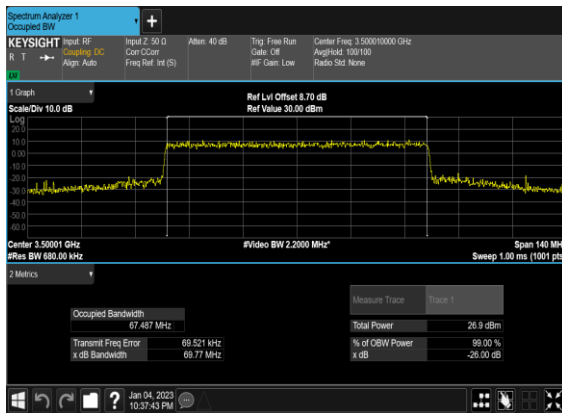
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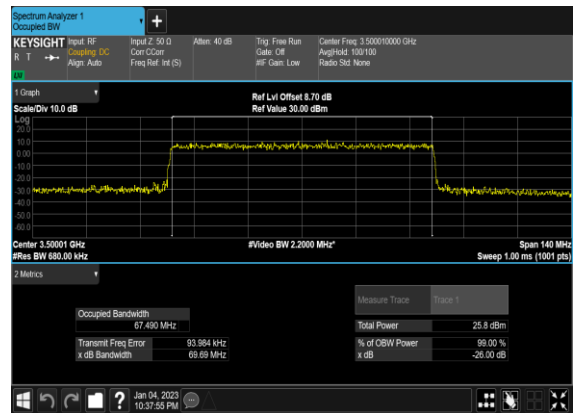
N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



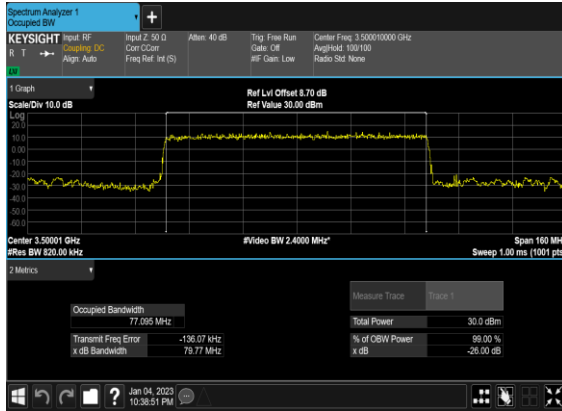
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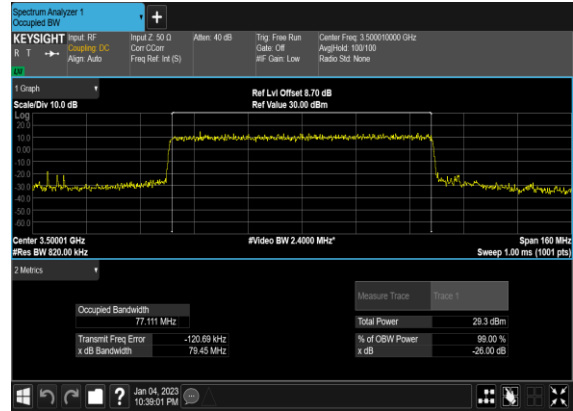
N77(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



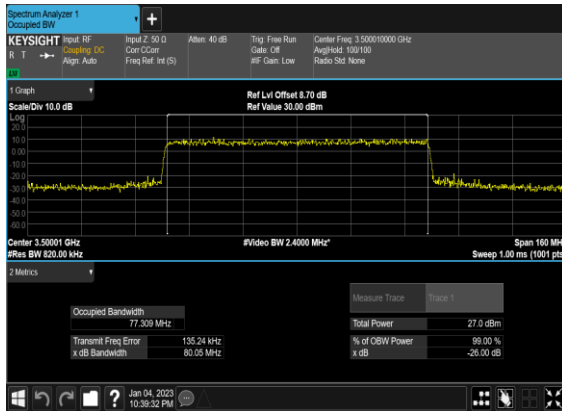
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



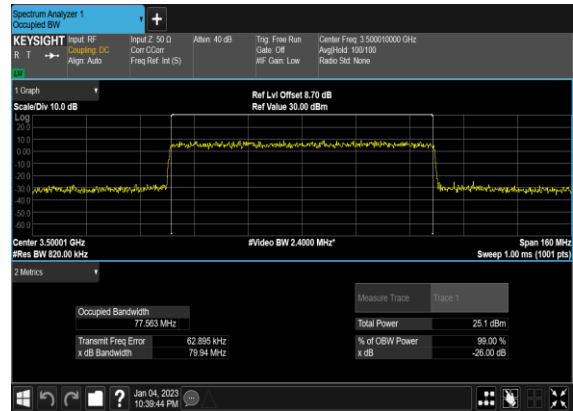
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



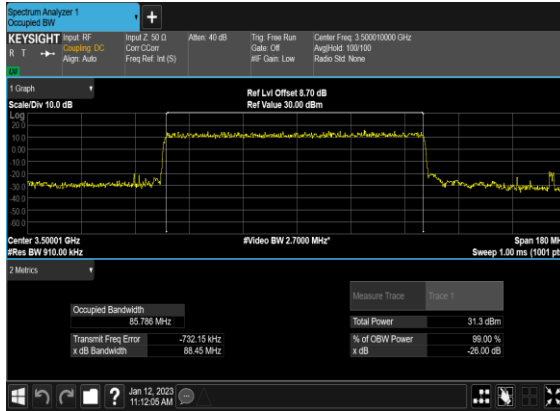
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



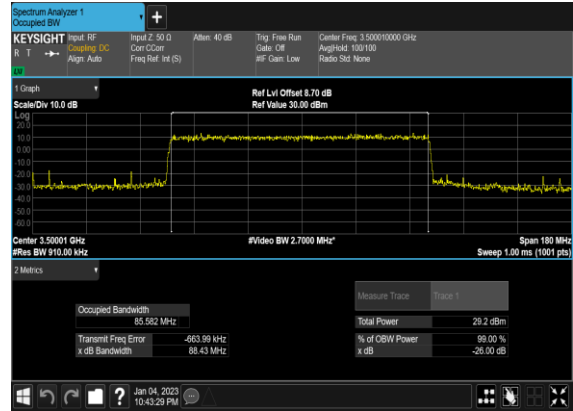
N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



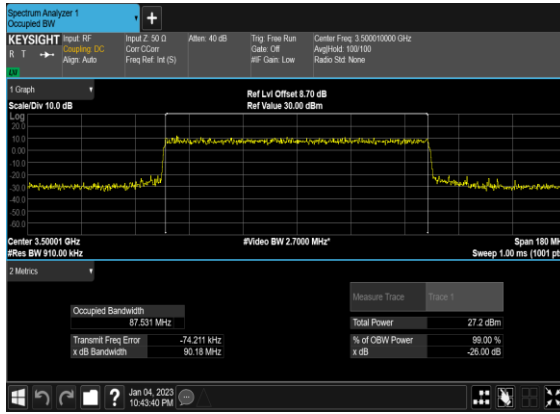
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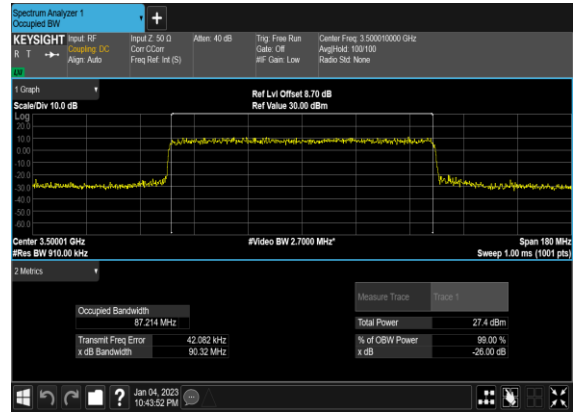
N77(90M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



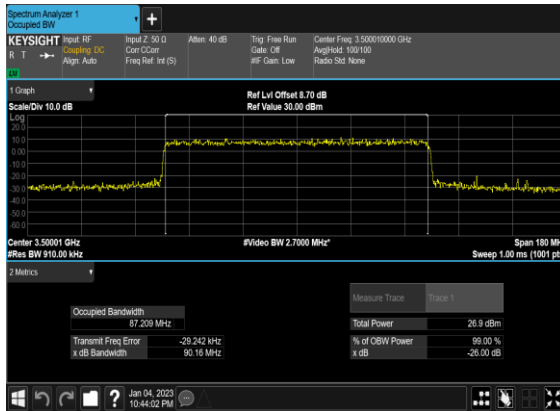
N77(90M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



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

