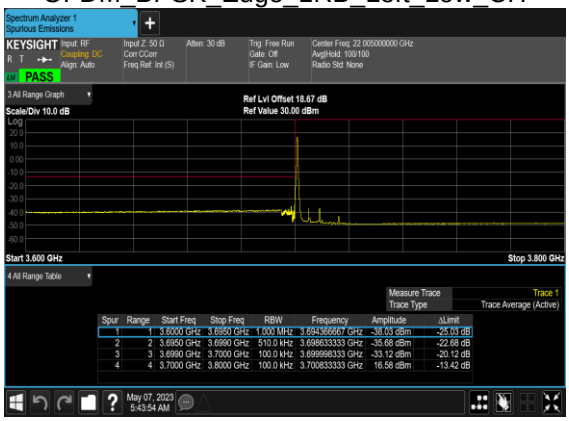
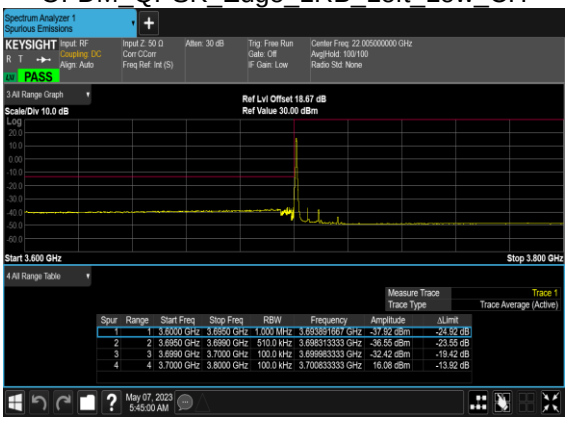
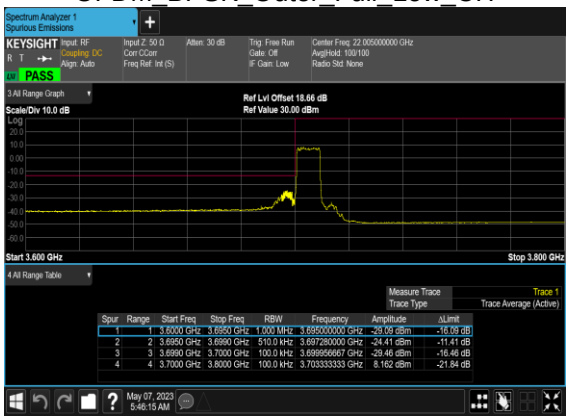
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



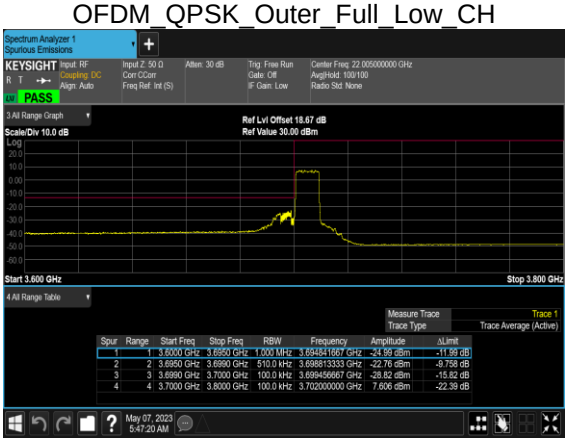
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



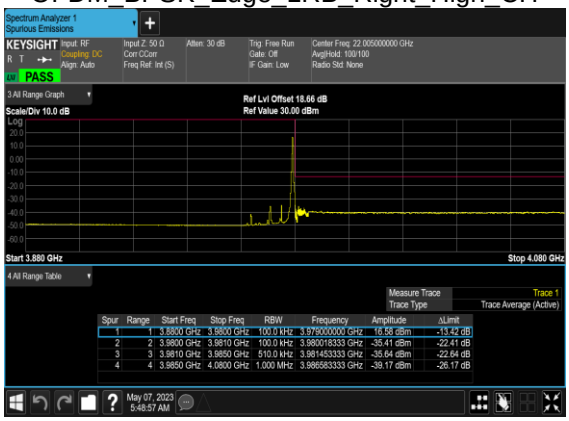
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



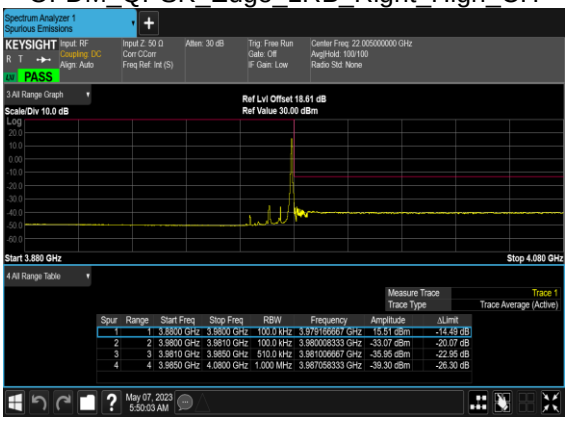
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



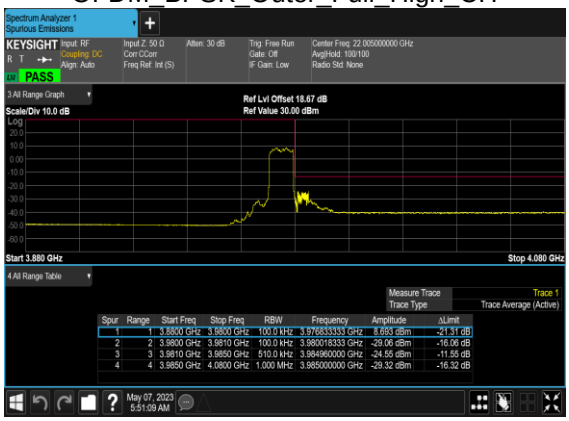
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



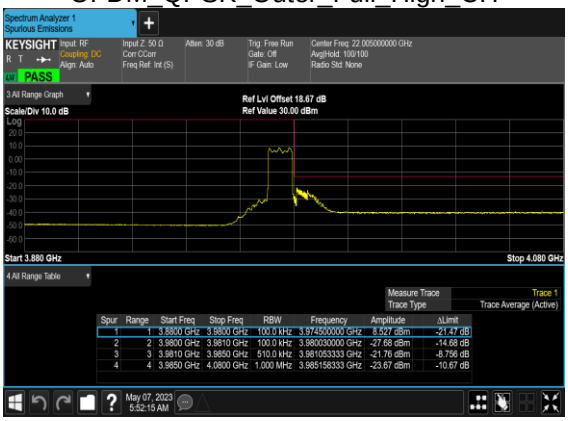
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



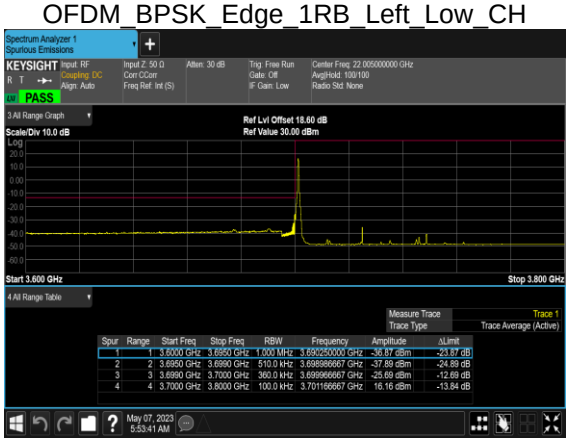
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



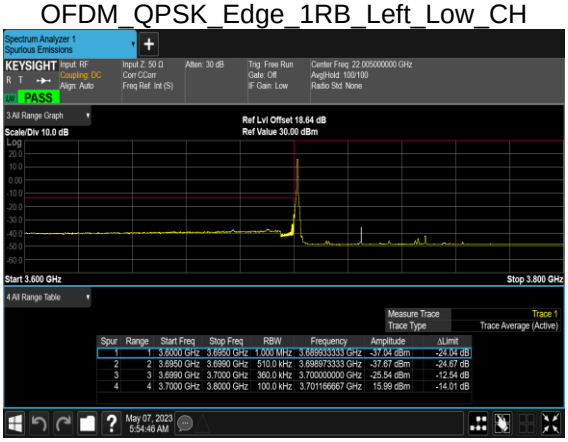
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



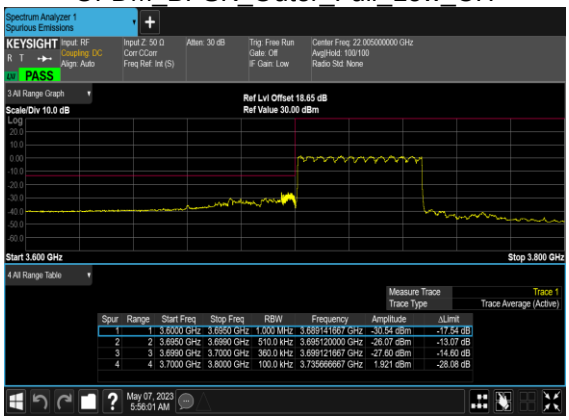
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



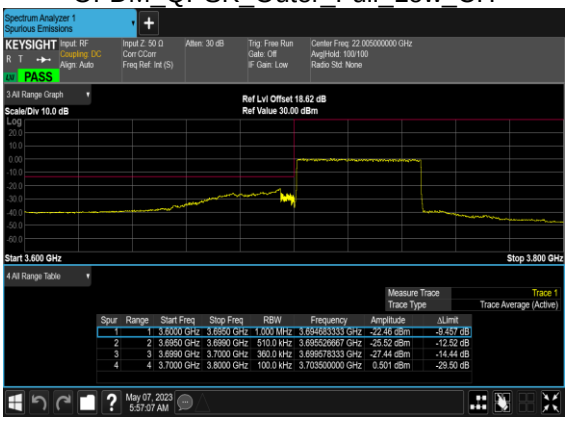
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



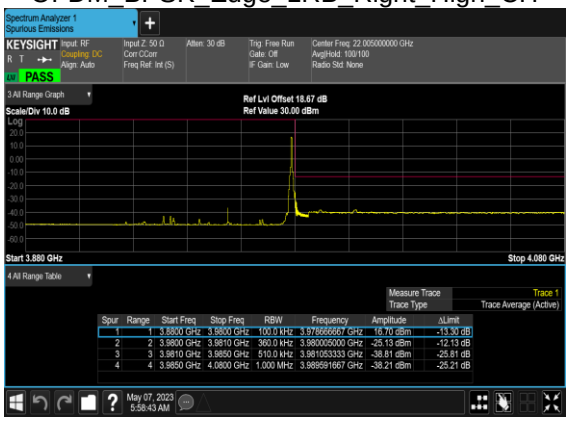
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



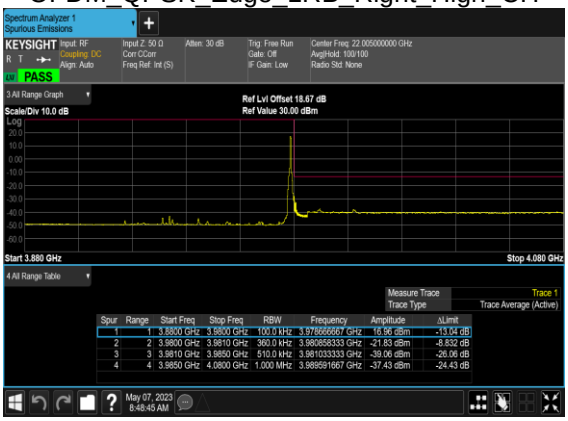
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



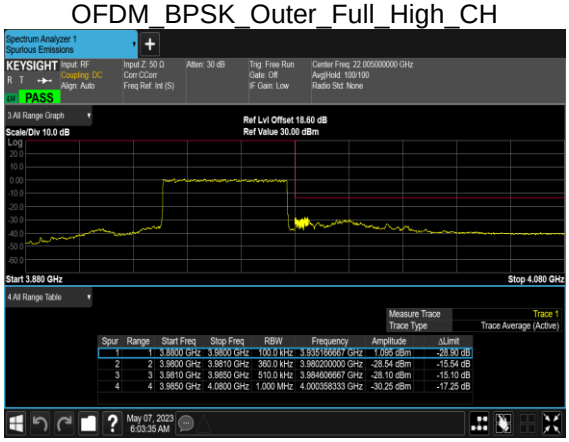
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



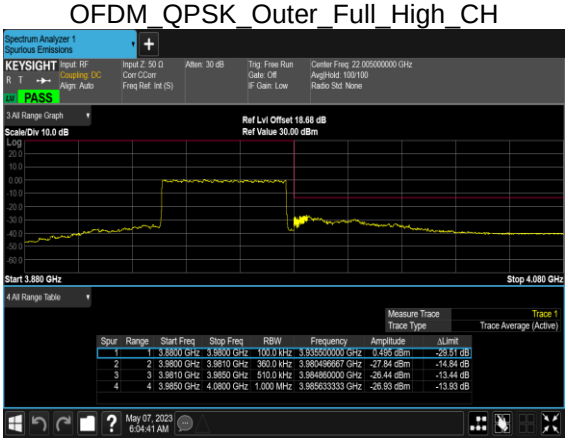
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



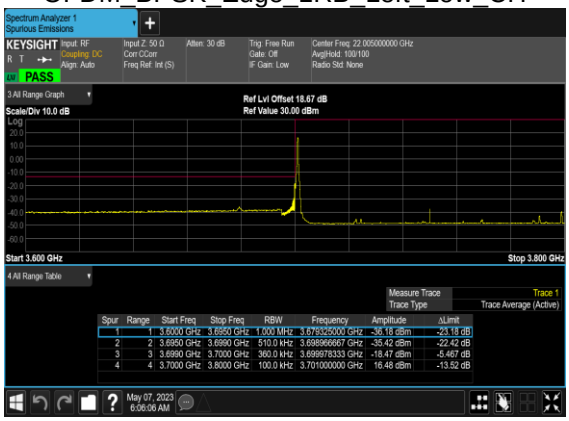
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



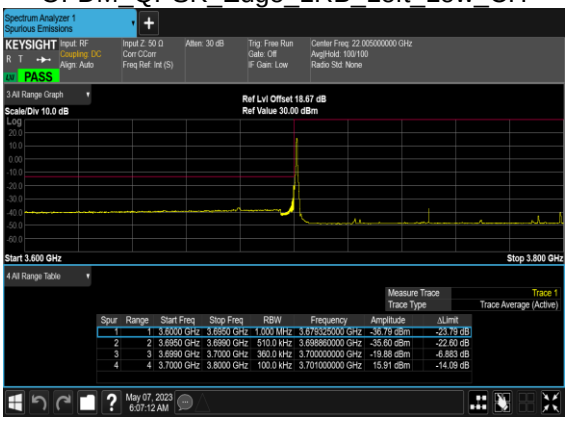
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



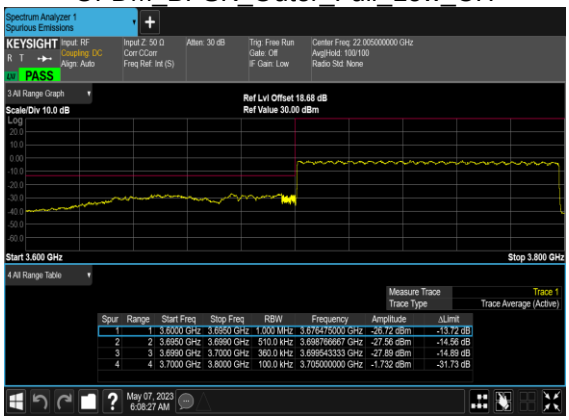
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



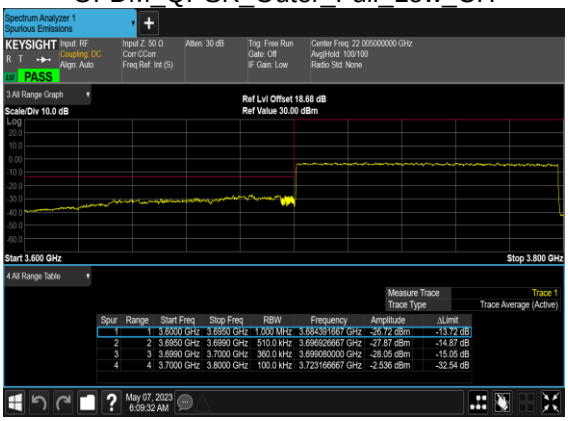
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



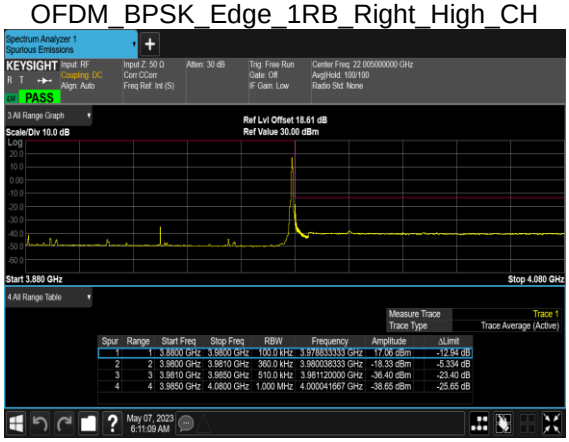
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



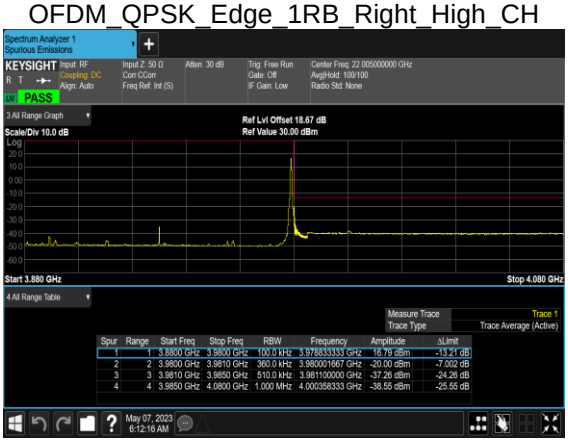
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



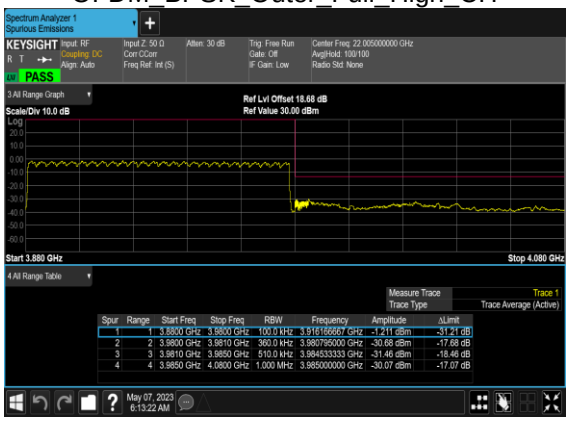
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



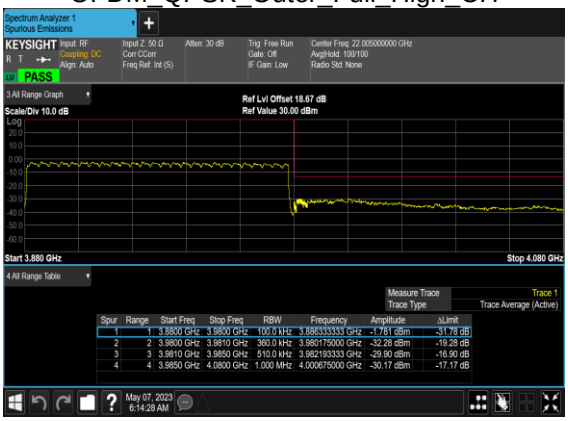
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.04.2801

FR1 N77 UL MIMO-SCS30K(ANT1)

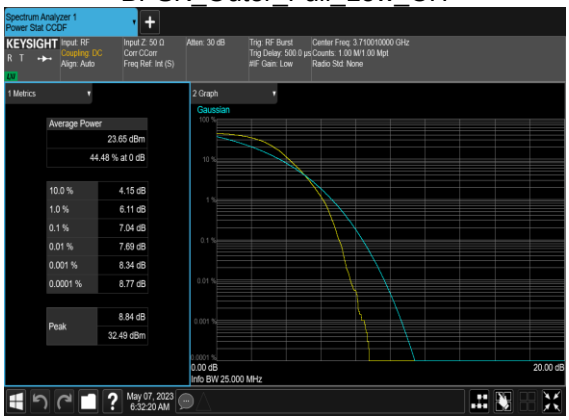
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0054	**PASS**	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0039	**PASS**	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0021	**PASS**	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0040	**PASS**	-30℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0061	**PASS**	-20℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0067	**PASS**	-10℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0052	**PASS**	0℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0069	**PASS**	10℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0054	**PASS**	20℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0062	**PASS**	30℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0062	**PASS**	40℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0047	**PASS**	50℃

Peak to Average Ratio

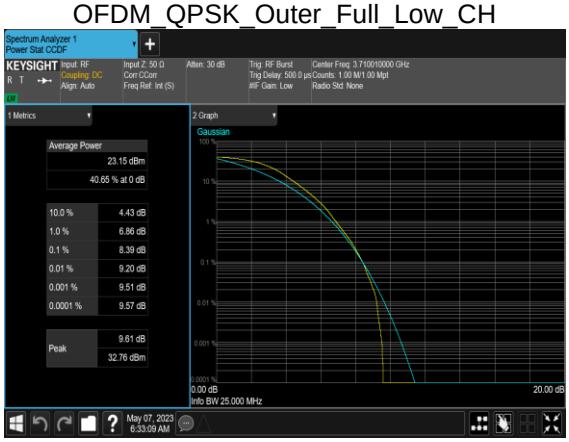
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	7.04	13	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	7.0	13	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.39	13	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	8.19	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	7.03	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	6.97	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	8.4	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	7.78	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	50@0	7.07	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@0	7.05	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	8.4	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	8.32	13	**PASS**

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

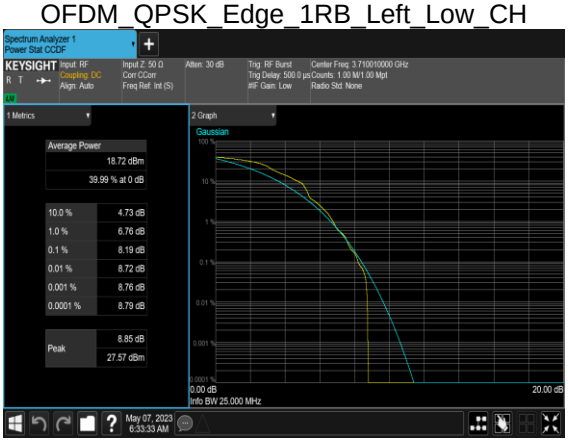


N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH

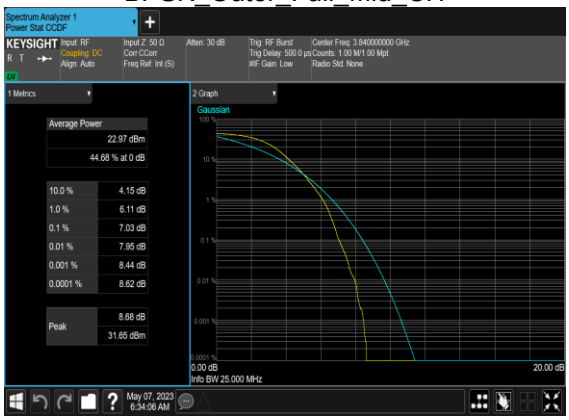
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

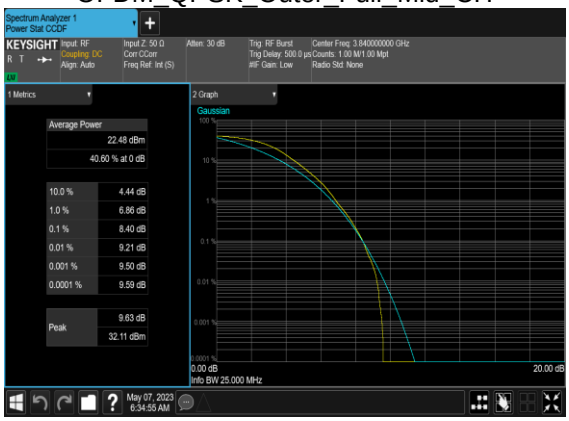


N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

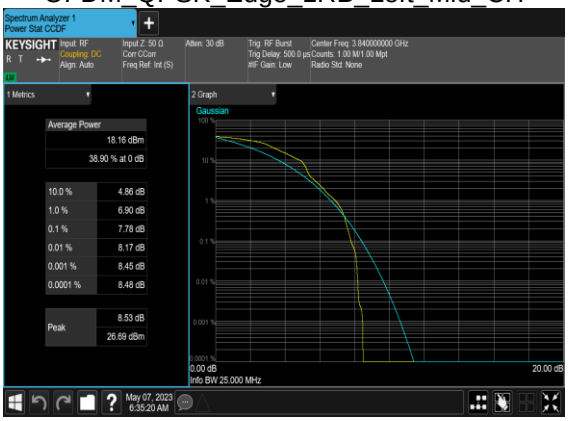


N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

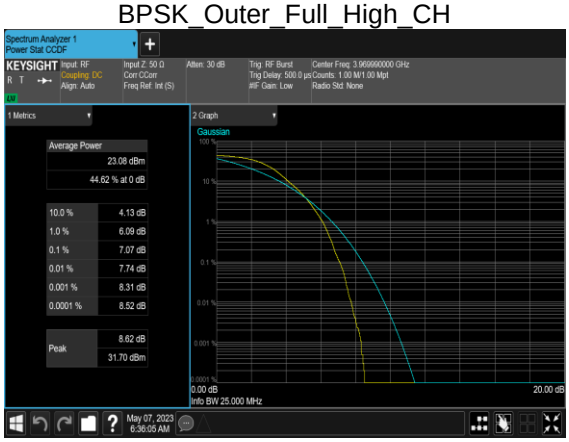
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



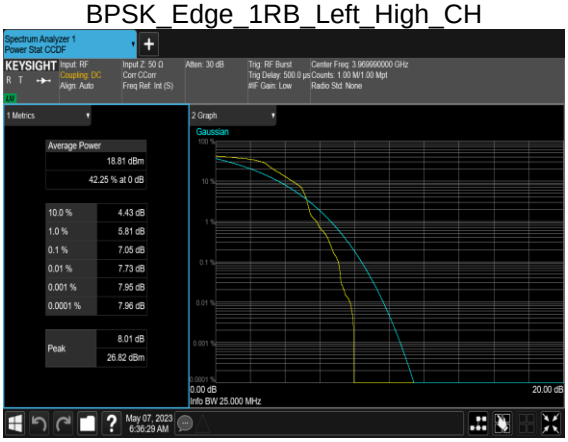
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



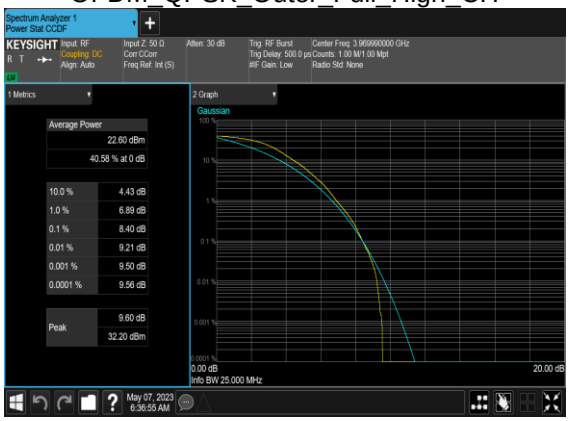
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



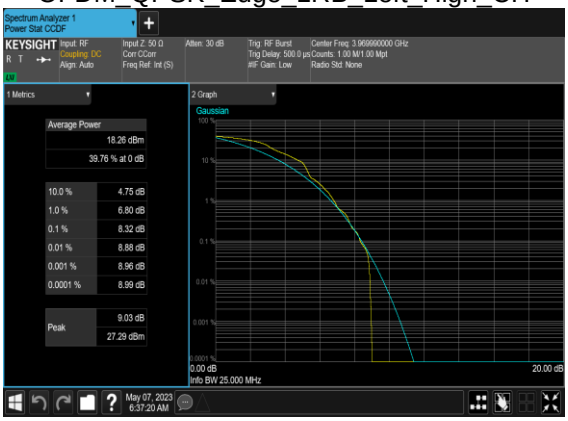
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



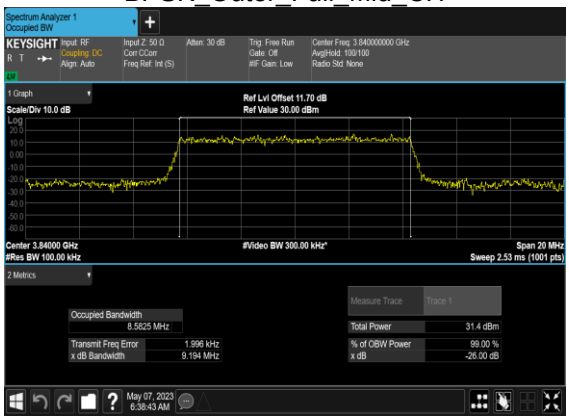
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	656000	3840.0	DFT-s-OFDM PI/2 BPSK	24@0	8.5825	9.194
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	24@0	8.5729	9.118
77	30	10	656000	3840.0	CP-OFDM QPSK	24@0	8.5838	9.193
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.5843	9.275
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.5845	9.185
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5794	9.163
77	30	15	656000	3840.0	DFT-s-OFDM PI/2 BPSK	36@0	12.781	13.56
77	30	15	656000	3840.0	DFT-s-OFDM QPSK	36@0	12.835	13.53
77	30	15	656000	3840.0	CP-OFDM QPSK	38@0	13.604	14.4
77	30	15	656000	3840.0	CP-OFDM 16 QAM	38@0	13.56	14.2
77	30	15	656000	3840.0	CP-OFDM 64 QAM	38@0	13.606	14.14
77	30	15	656000	3840.0	CP-OFDM 256 QAM	38@0	13.552	14.3
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	17.876	18.7
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	17.855	18.62
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.239	19.04
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.195	19.1
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.251	18.93
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.108	19.08
77	30	25	656000	3840.0	DFT-s-OFDM PI/2 BPSK	64@0	22.757	23.81
77	30	25	656000	3840.0	DFT-s-OFDM QPSK	64@0	22.803	23.75
77	30	25	656000	3840.0	CP-OFDM QPSK	65@0	23.096	23.95
77	30	25	656000	3840.0	CP-OFDM 16 QAM	65@0	23.149	24.22
77	30	25	656000	3840.0	CP-OFDM 64 QAM	65@0	23.215	24.17
77	30	25	656000	3840.0	CP-OFDM 256 QAM	65@0	23.245	24.2
77	30	30	656000	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	26.681	28.09

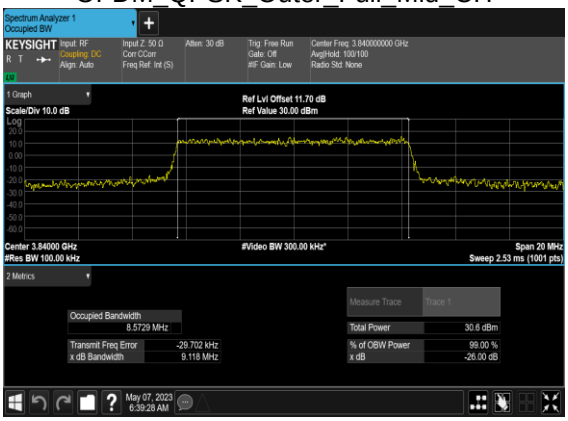
77	30	30	656000	3840.0	DFT-s-OFDM QPSK	75@0	26.635	27.89
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.826	29.14
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.837	28.77
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.89	29.08
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.826	28.9
77	30	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	35.731	37.23
77	30	40	656000	3840.0	DFT-s-OFDM QPSK	100@0	35.499	37.38
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.753	39.33
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.845	39.25
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.865	39.33
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.814	39.33
77	30	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	128@0	45.799	47.22
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	128@0	45.75	47.36
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.548	49.12
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.671	49.02
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.476	48.94
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.447	48.97
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	57.913	59.73
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	162@0	57.912	59.66
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.855	59.69
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.667	59.71
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.806	59.78
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.833	59.67
77	30	70	656000	3840.0	DFT-s-OFDM PI/2 BPSK	180@0	64.238	66.33
77	30	70	656000	3840.0	DFT-s-OFDM QPSK	180@0	64.526	66.35
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.509	69.64
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.609	69.66

77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.511	69.67
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.459	69.63
77	30	80	656000	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	77.296	79.7
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	216@0	77.296	79.59
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.563	79.95
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.393	79.95
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.506	79.94
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.475	80.02
77	30	90	656000	3840.0	DFT-s-OFDM PI/2 BPSK	240@0	85.908	88.41
77	30	90	656000	3840.0	DFT-s-OFDM QPSK	240@0	85.898	88.41
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.488	90.16
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.627	90.26
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.485	90.3
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.671	90.27
77	30	100	656000	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	96.59	99.35
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	96.372	99.48
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.365	100.6
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.813	100.4
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.48	100.5
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.286	100.4

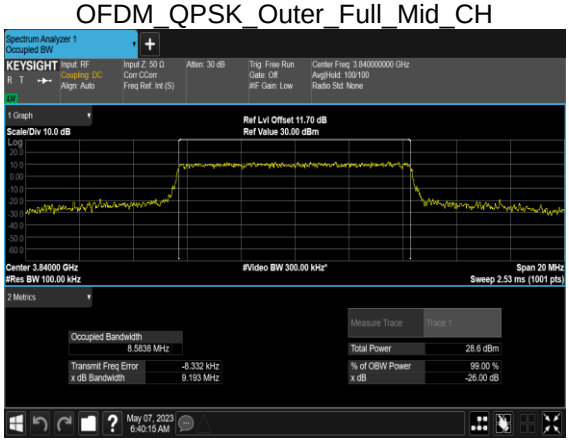
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



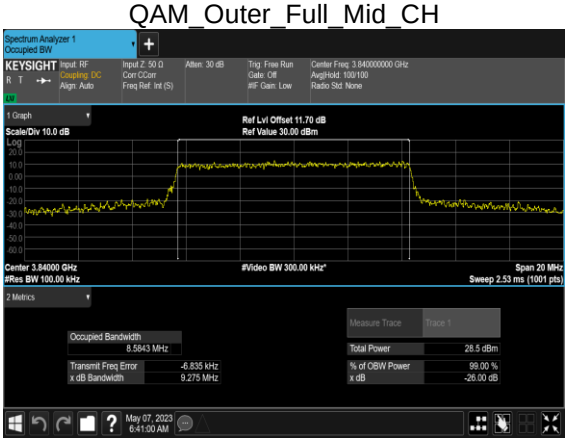
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



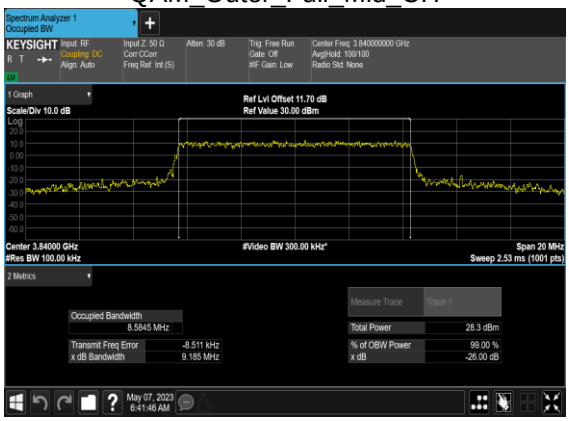
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

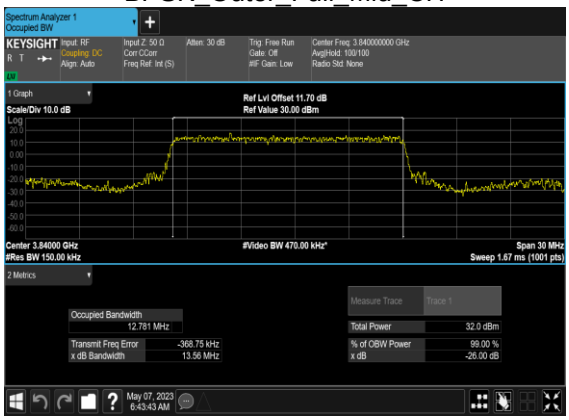


N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

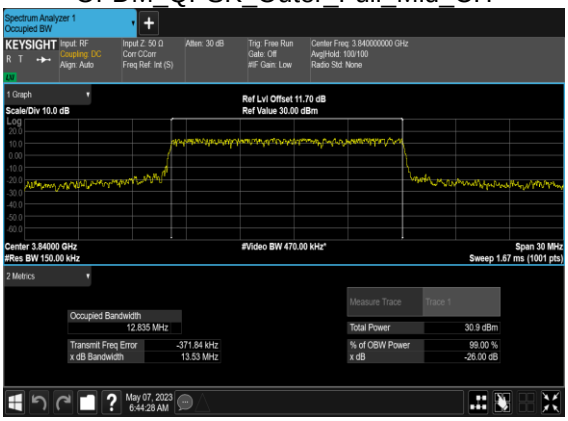


N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

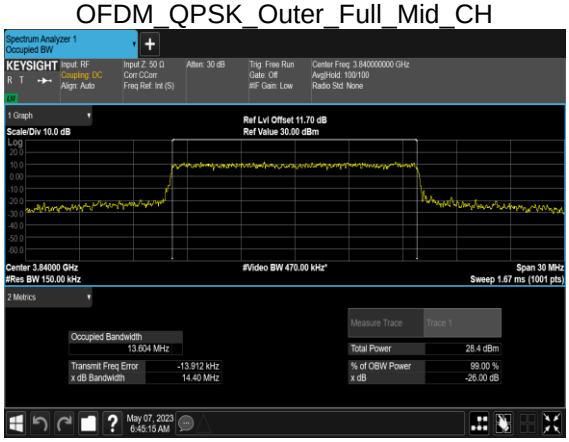
N77(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



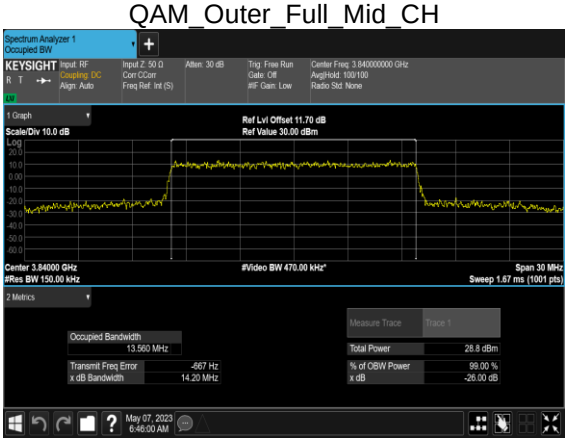
N77(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



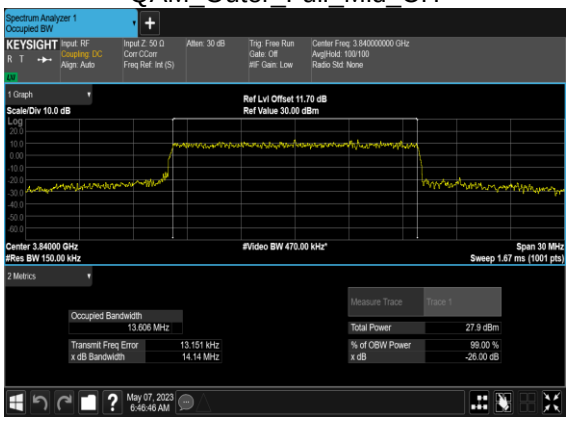
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



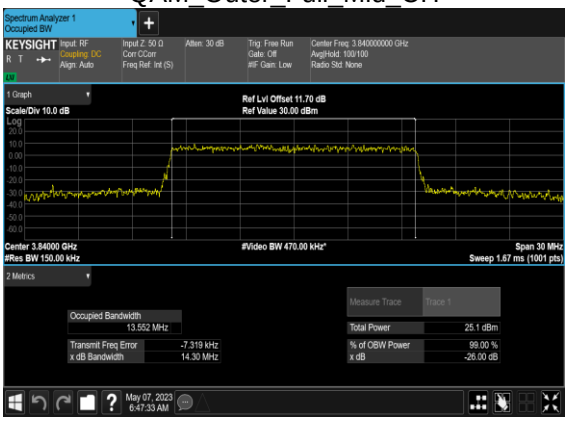
N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



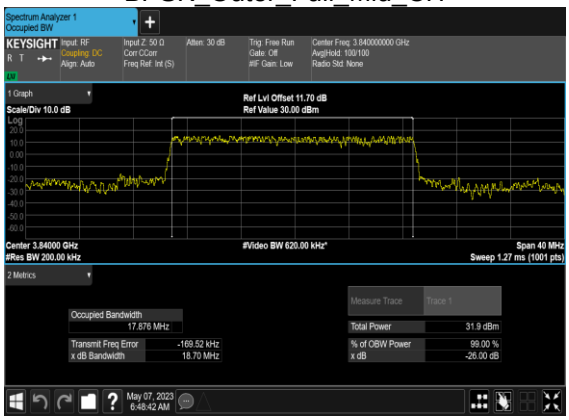
N77(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



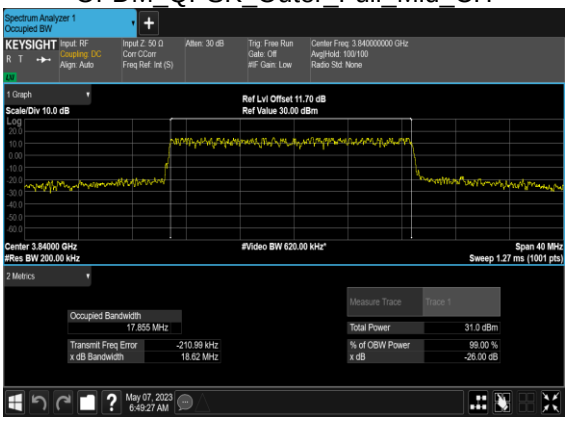
N77(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



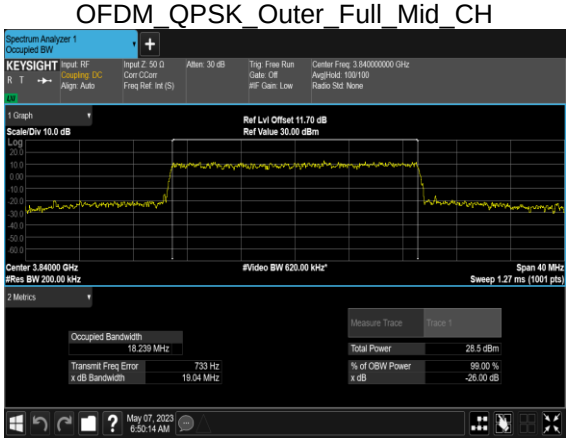
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



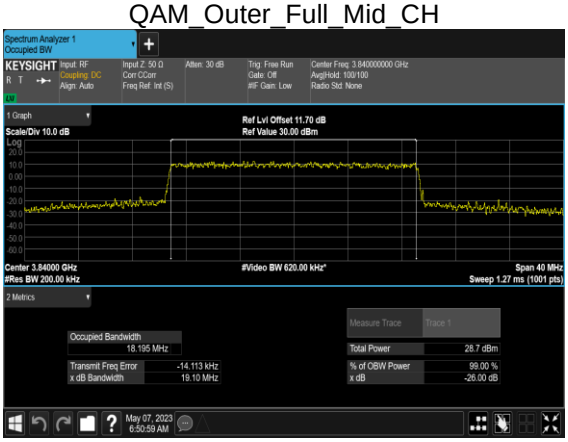
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



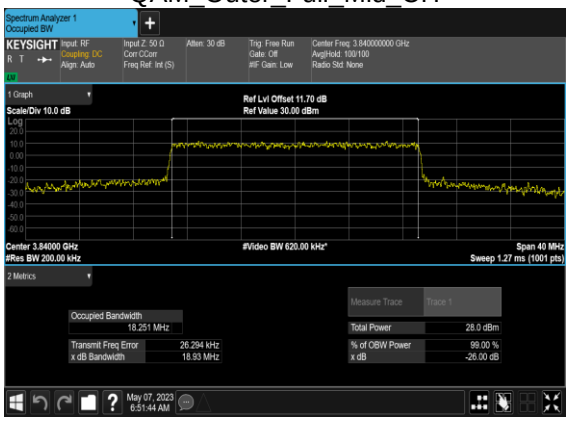
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



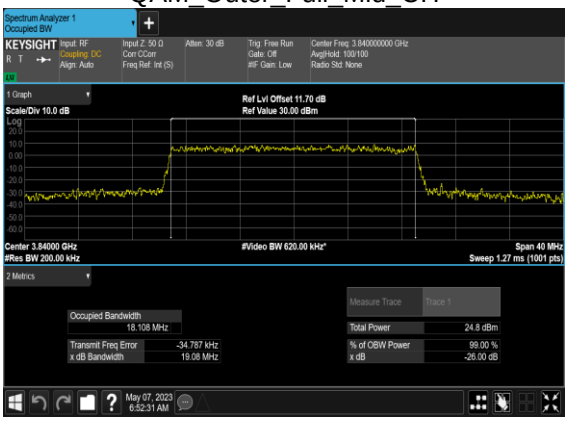
N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



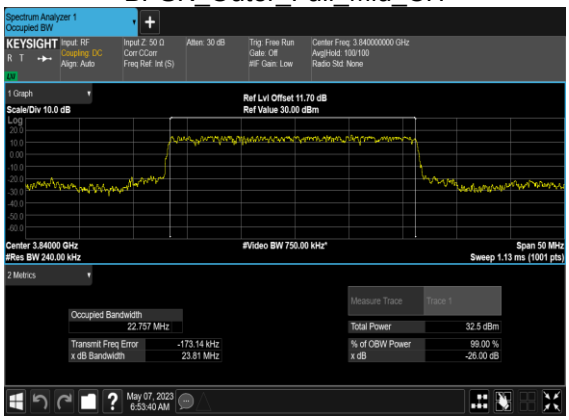
N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



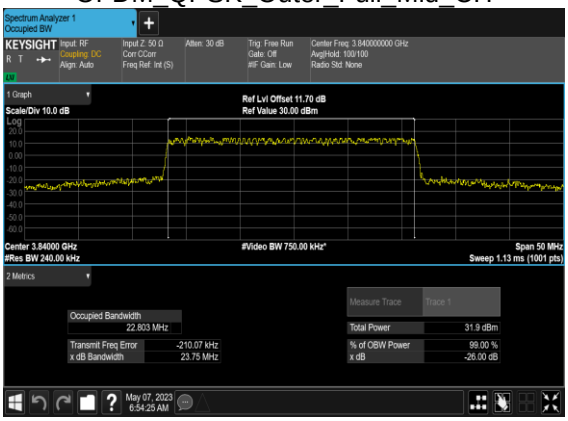
N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



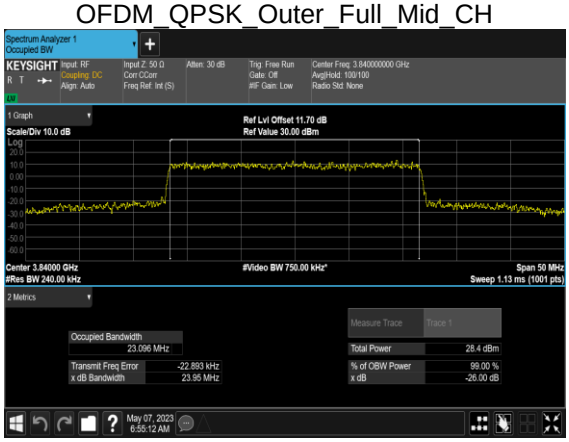
N77(25M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



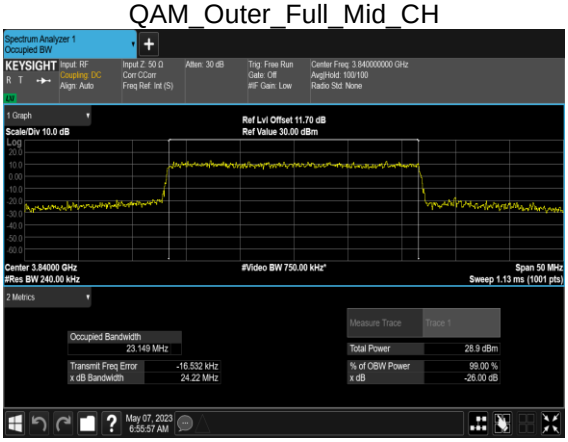
N77(25M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



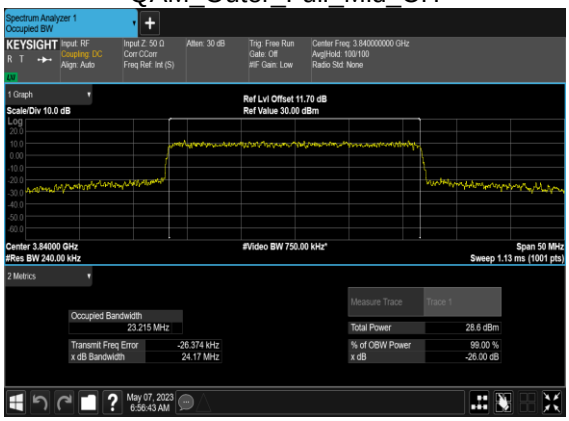
N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



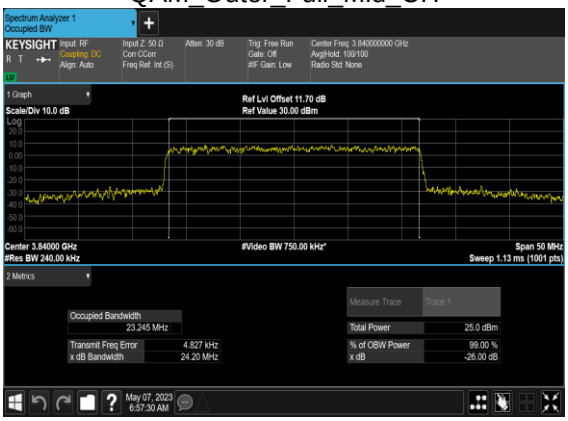
N77(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



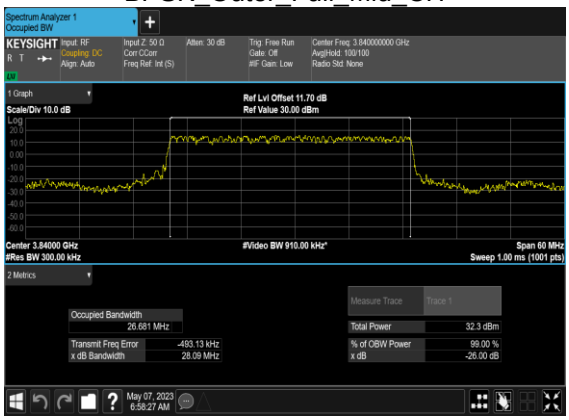
N77(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



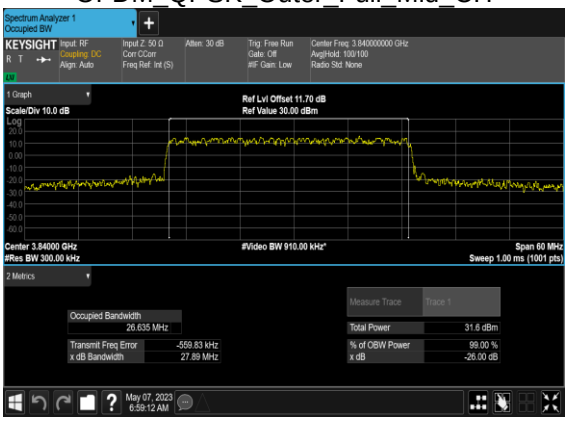
N77(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



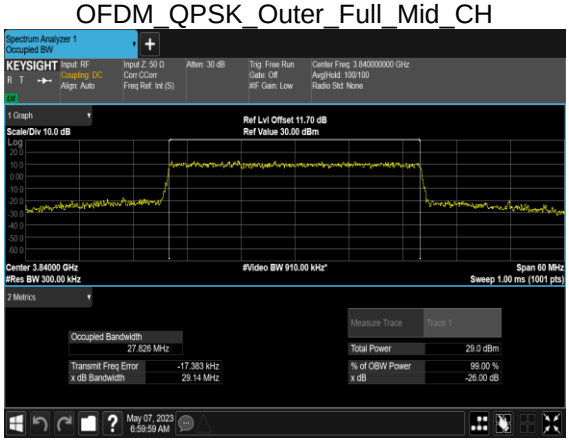
N77(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



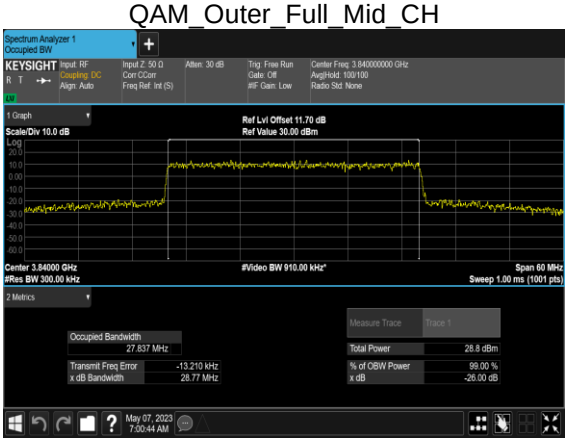
N77(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



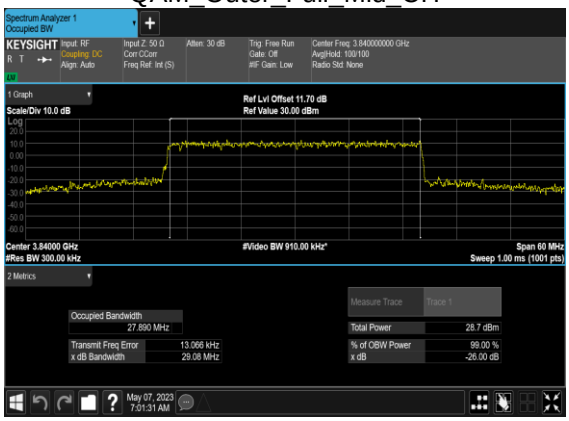
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



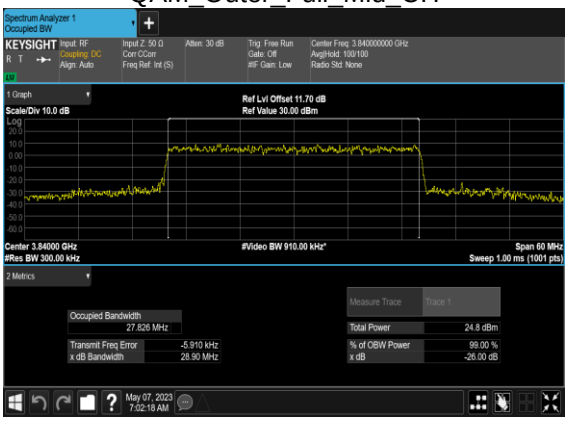
N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



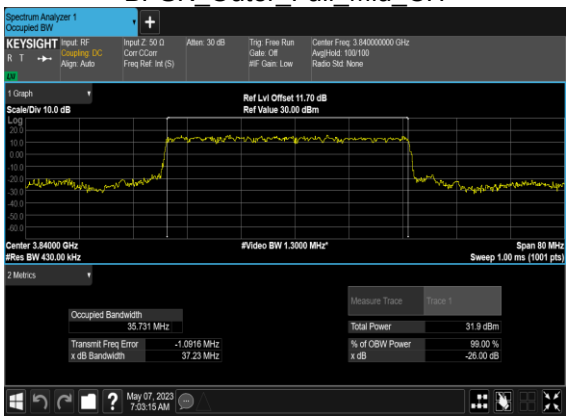
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



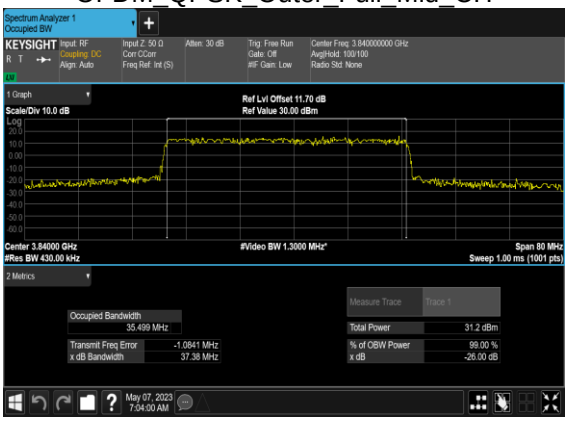
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



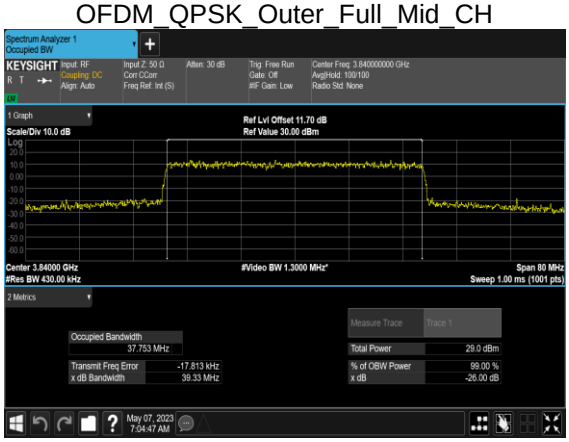
N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



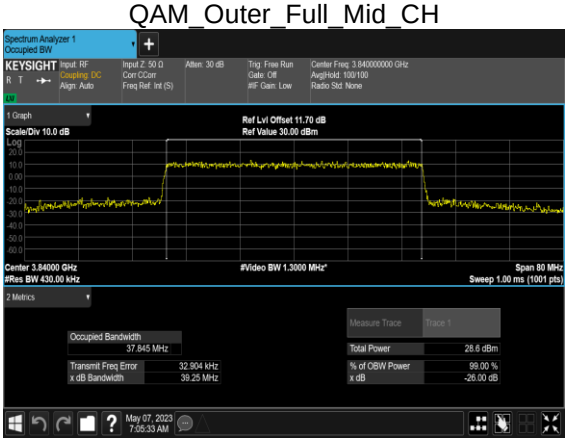
N77(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



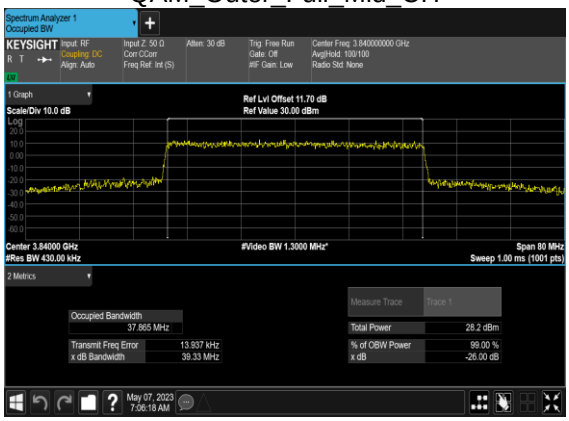
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



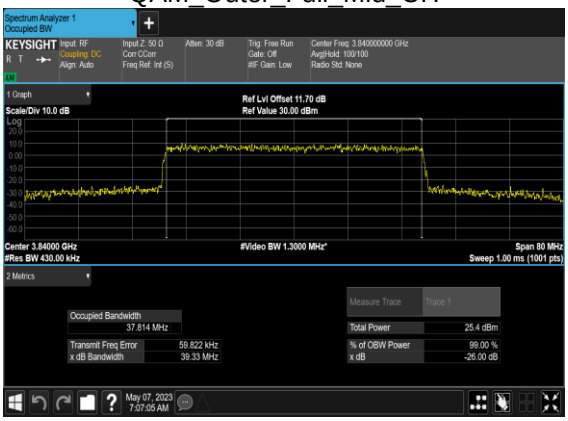
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

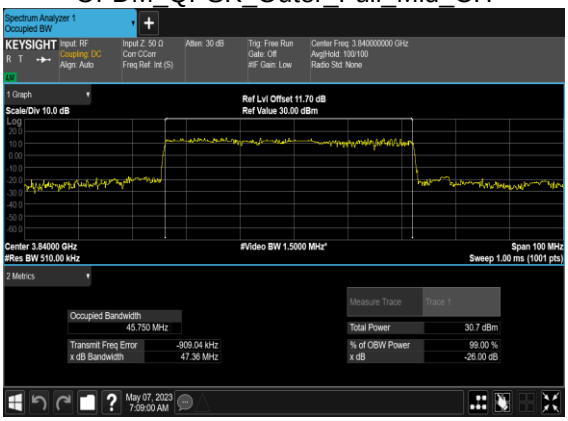


N77(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

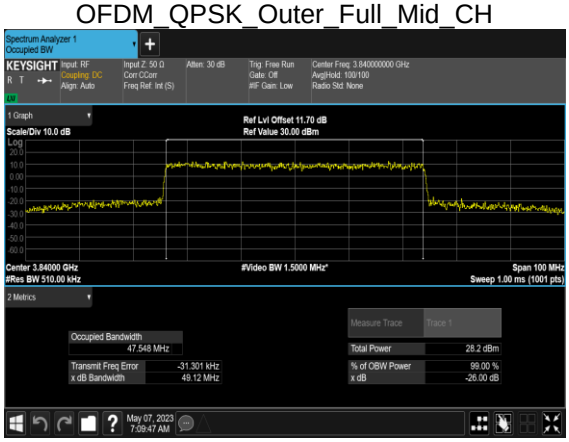


N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

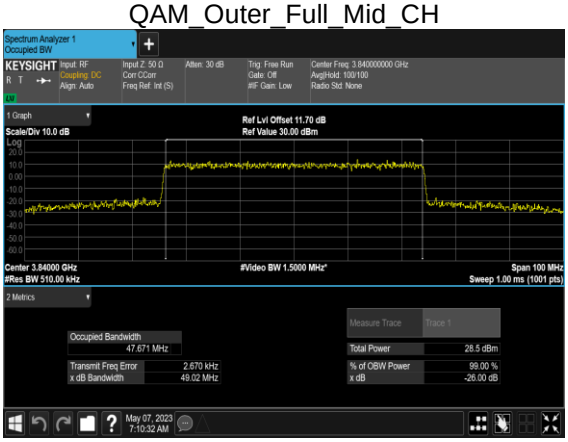
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



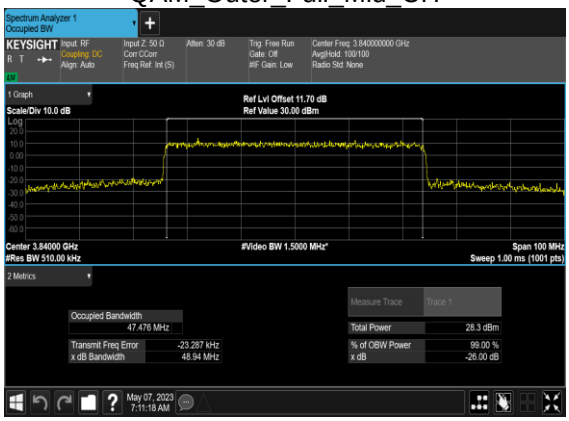
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



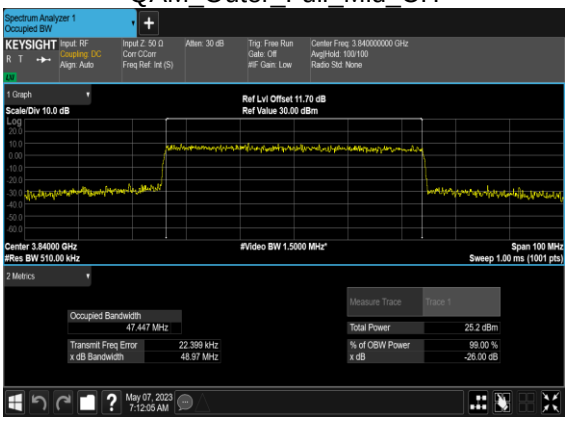
N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



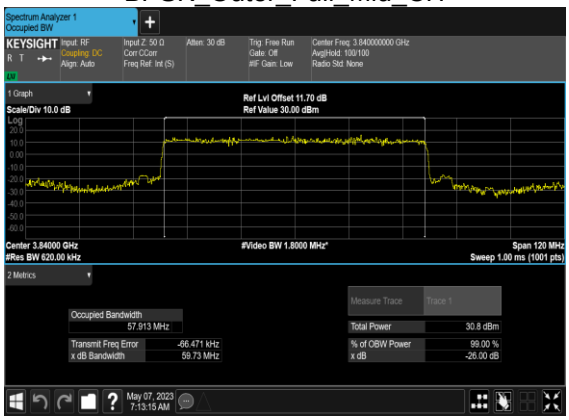
N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



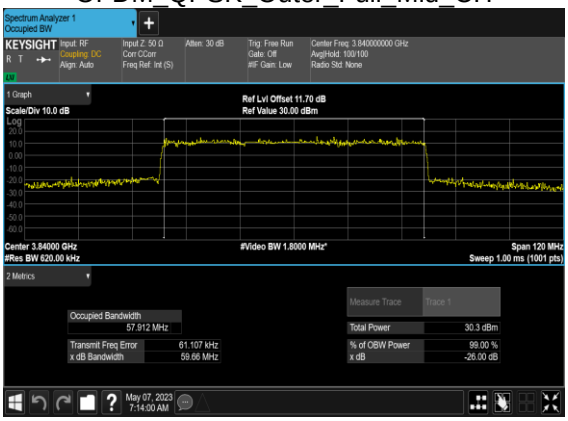
N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



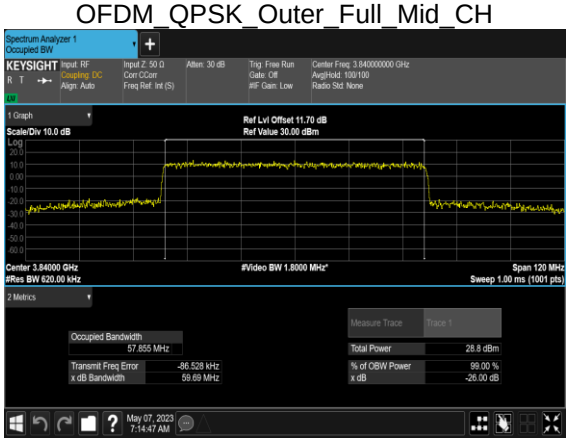
N77(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



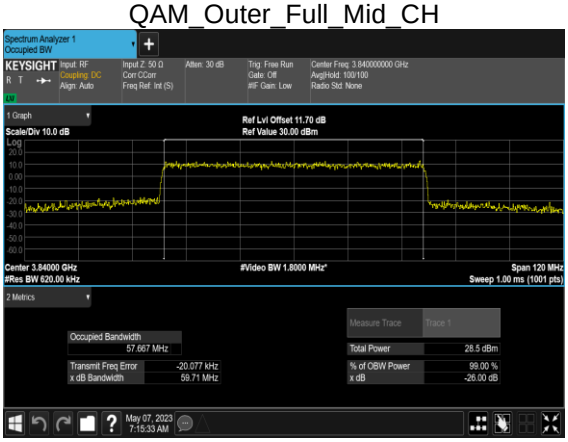
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



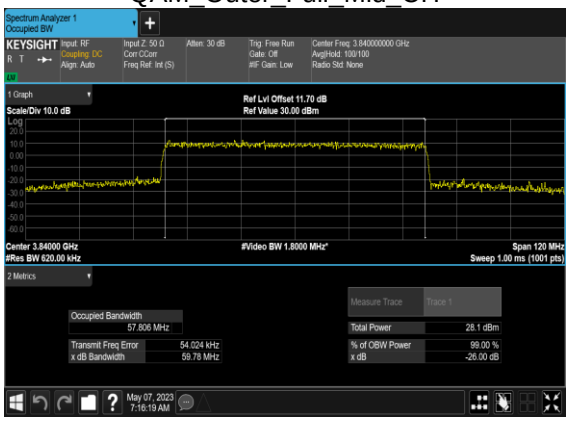
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



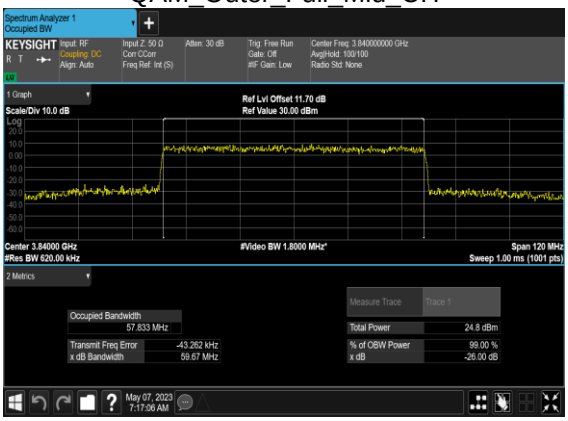
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



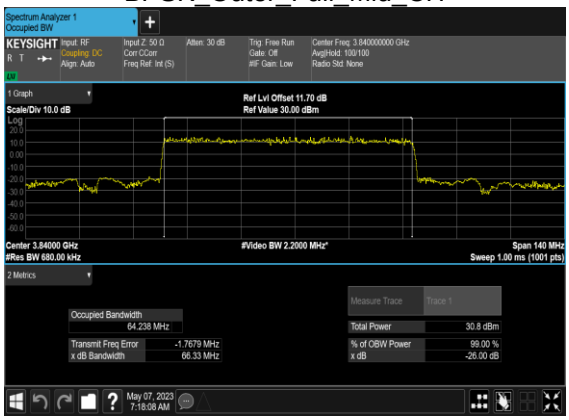
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



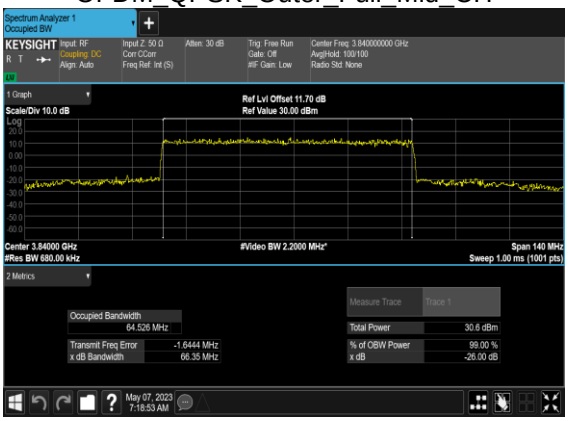
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



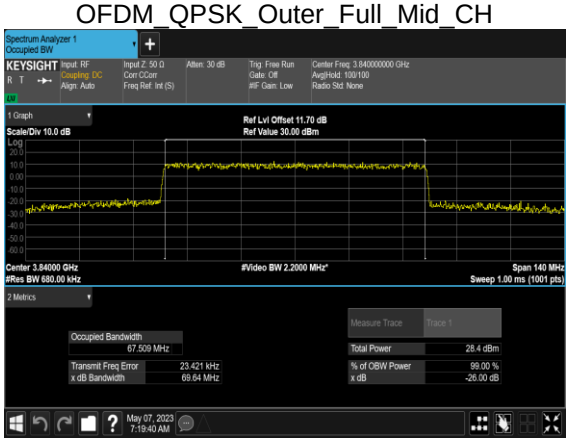
N77(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



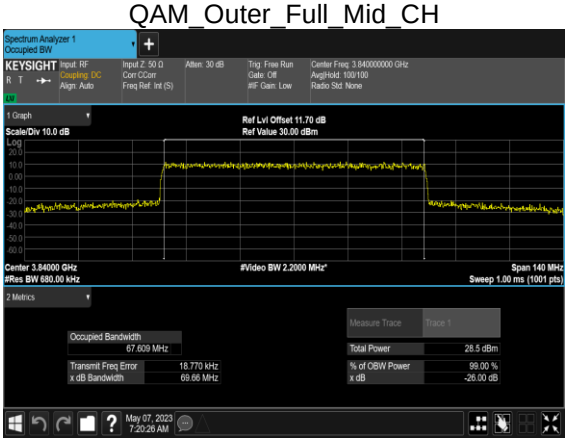
N77(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



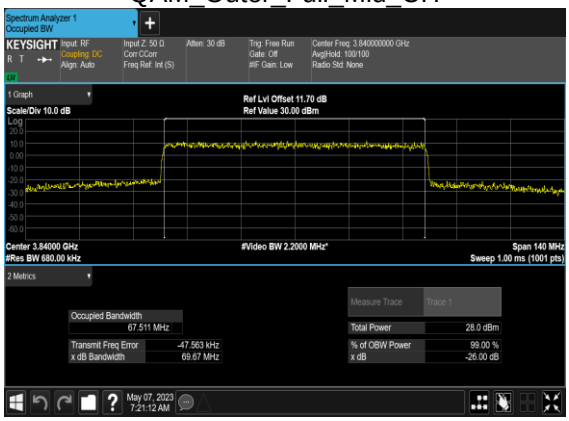
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



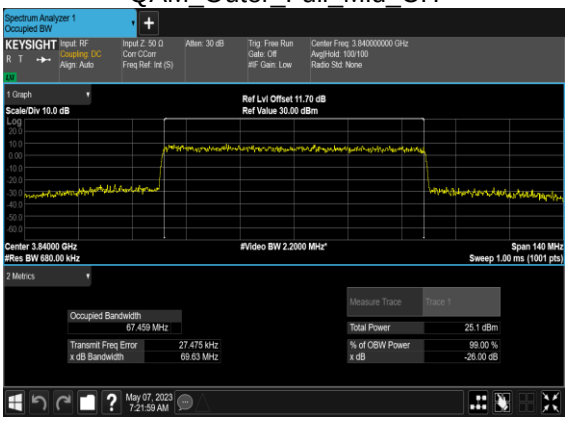
N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



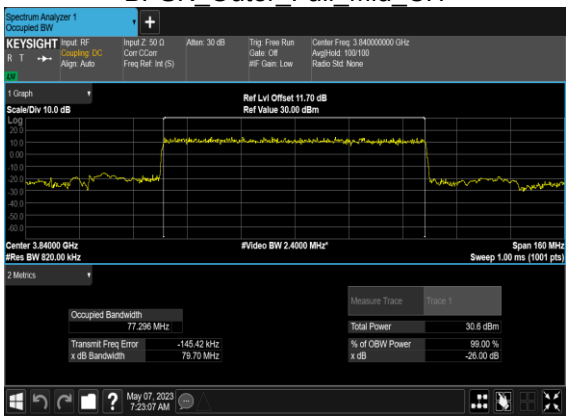
N77(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



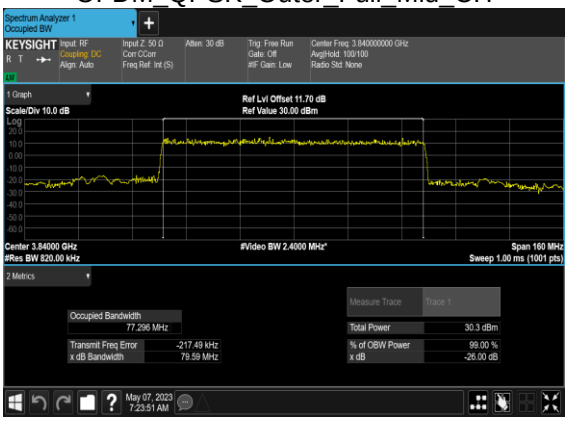
N77(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



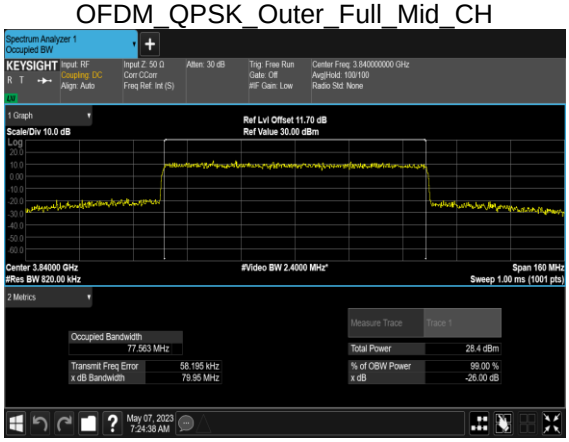
N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



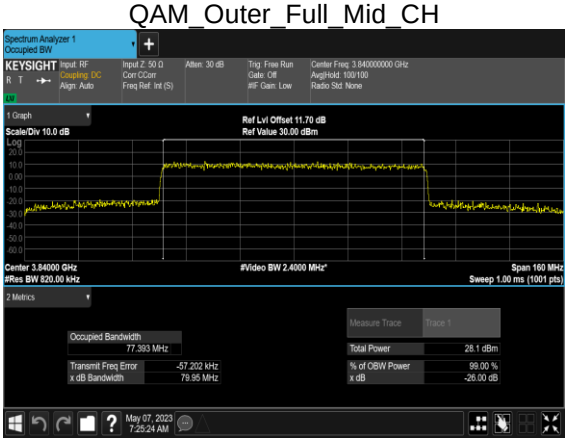
N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



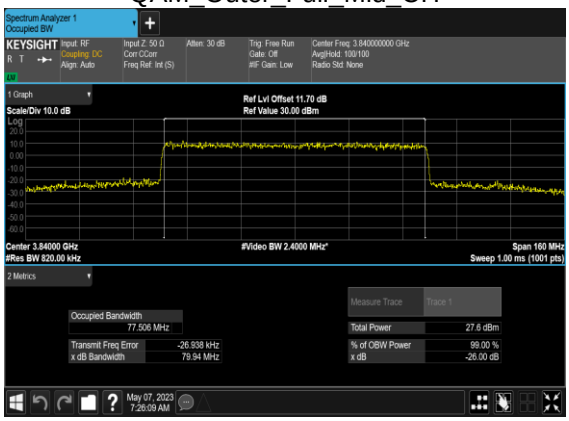
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



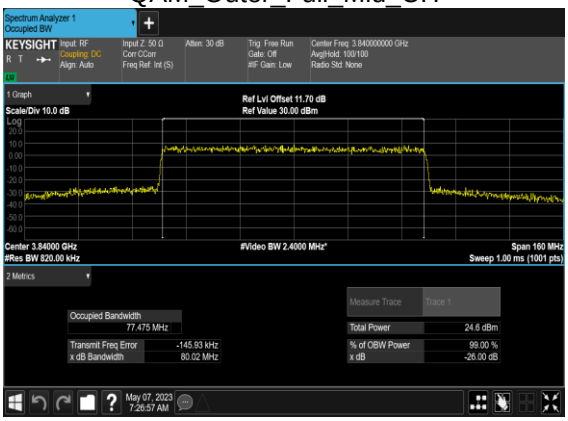
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



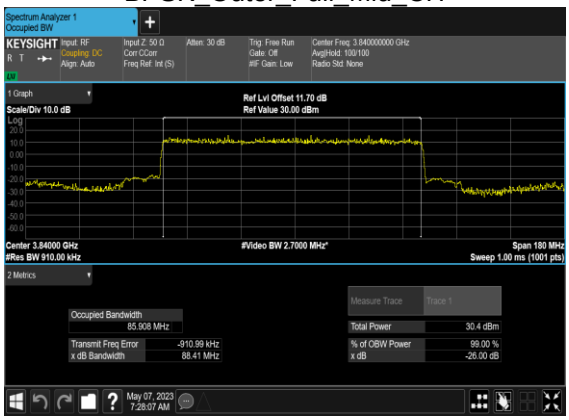
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



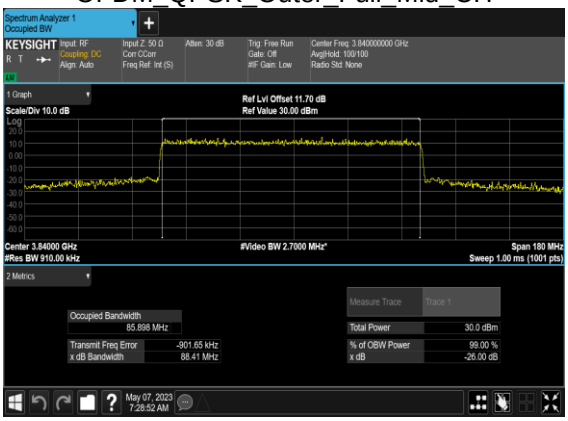
N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



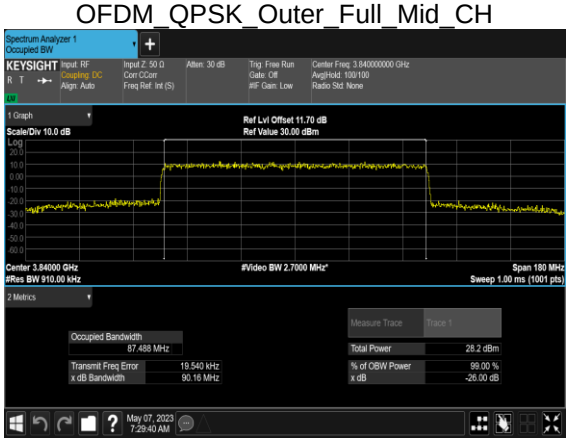
N77(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



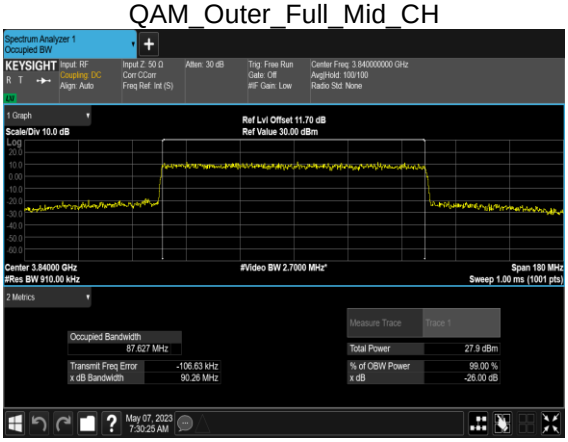
N77(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



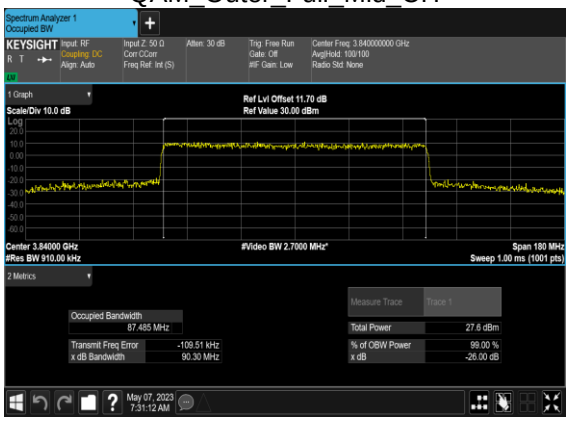
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



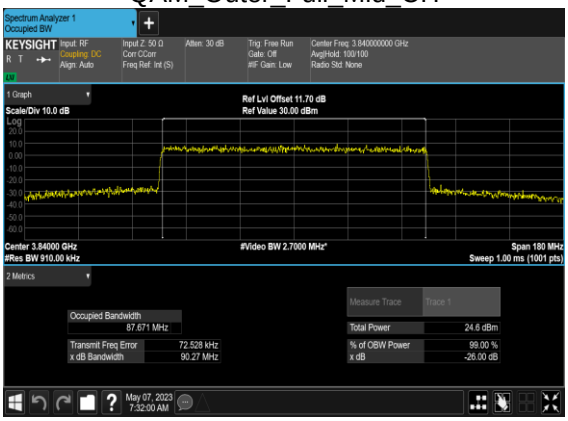
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



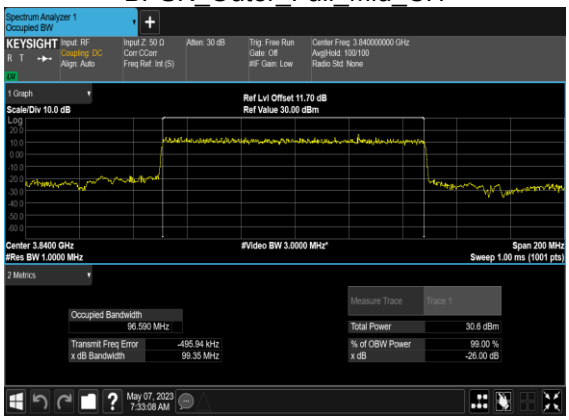
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



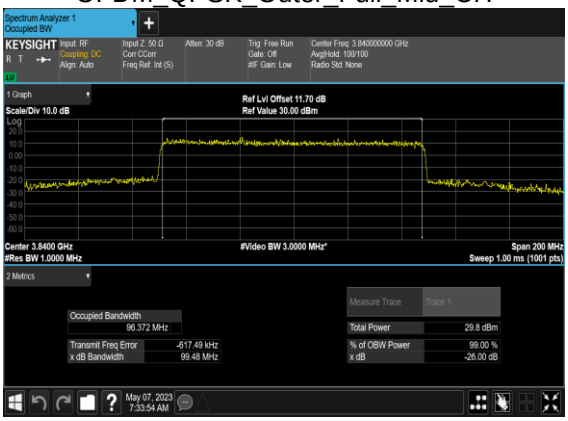
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



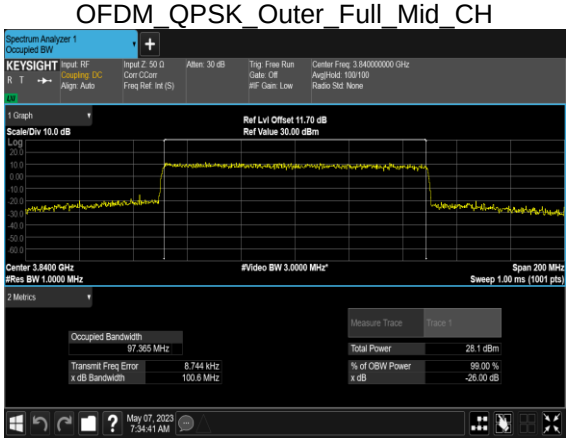
N77(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



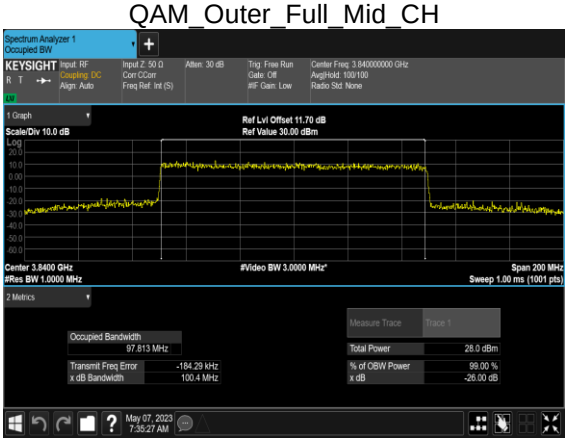
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



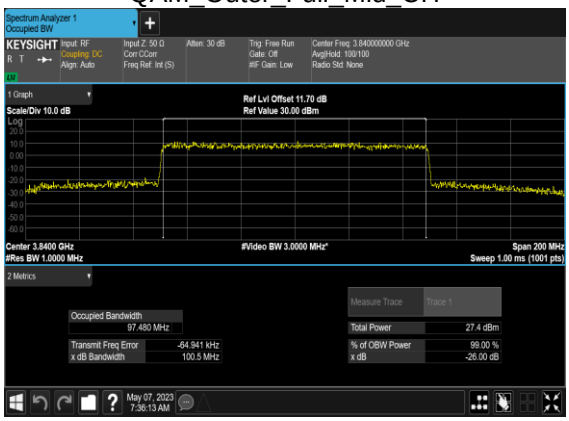
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



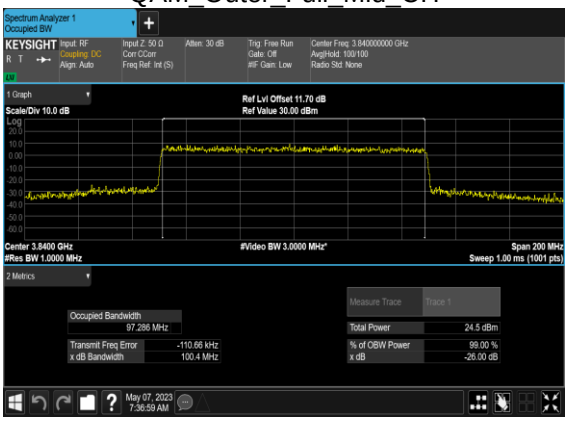
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



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	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**---**

77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**---**

77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**