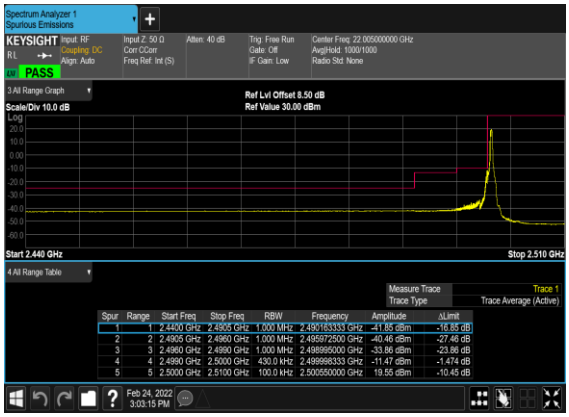
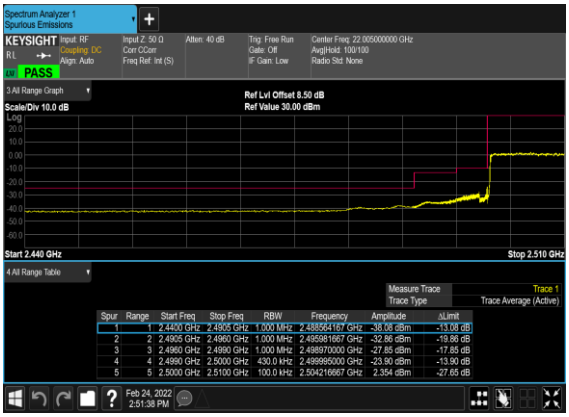
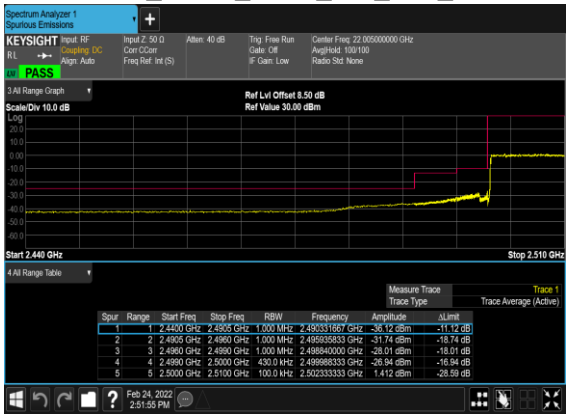
B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



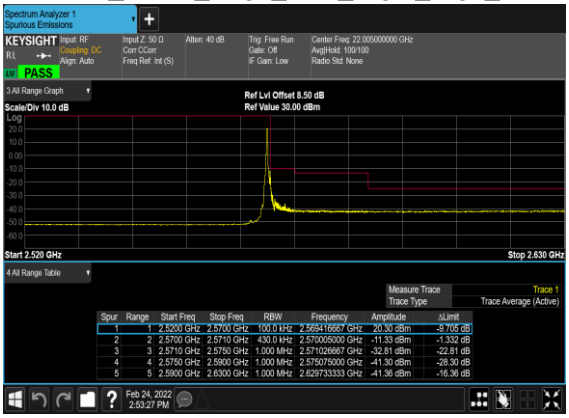
B2_N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



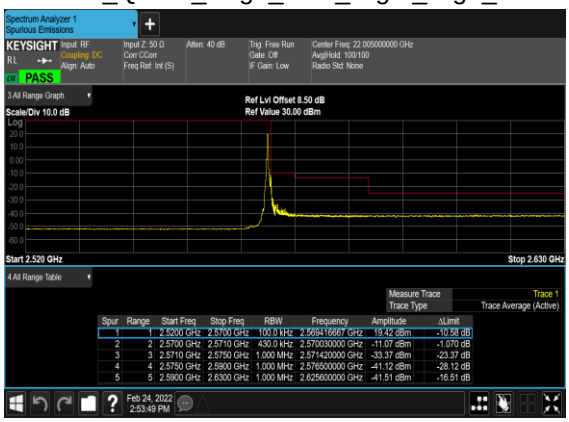
B2_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



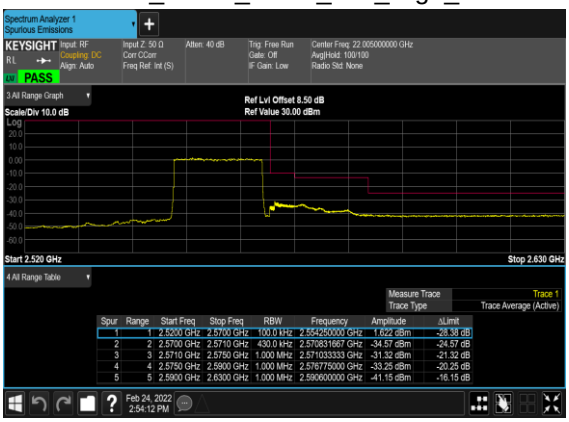
B2_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



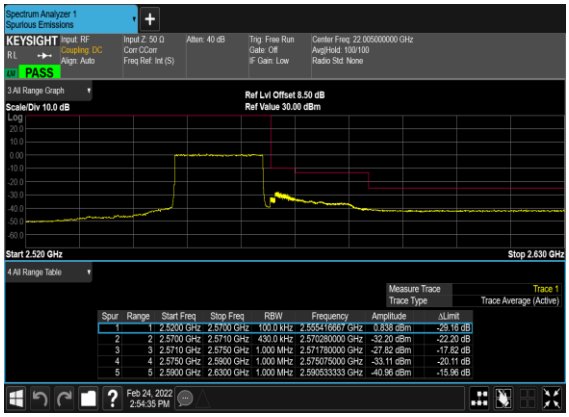
B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 22.02.012801

FR1 N41(ANT2) SA

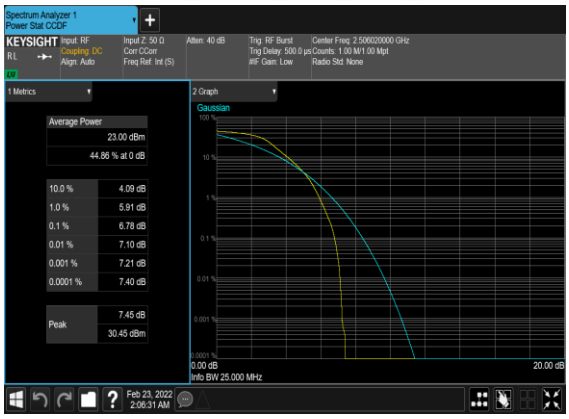
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00472	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00527	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00441	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00625	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00028	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00589	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00565	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00488	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00664	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00564	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00619	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00584	**PASS**	50℃

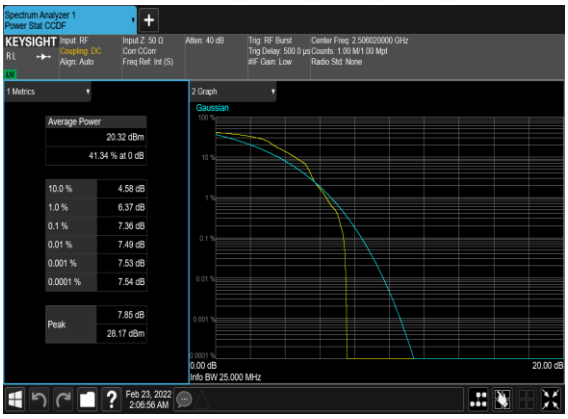
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	6.78	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	7.36	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	8.02	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	8.58	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	6.9	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	8.19	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.06	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	8.52	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	6.49	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	7.35	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	7.75	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	8.64	13	**PASS**

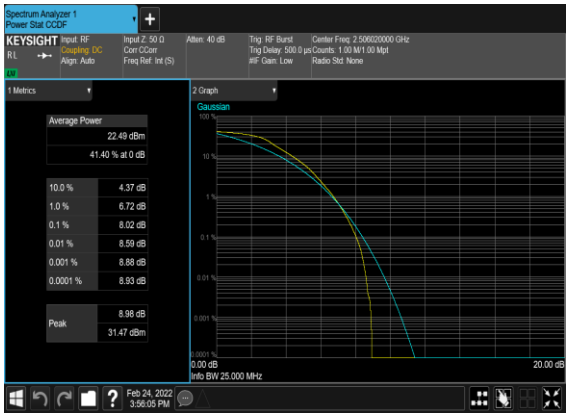
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



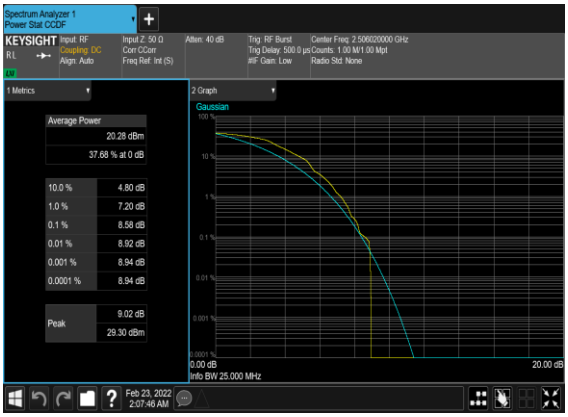
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



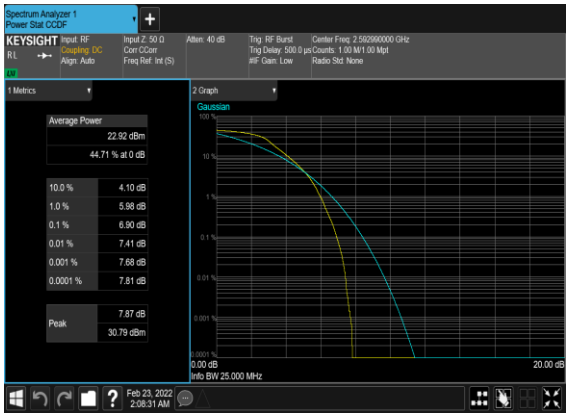
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



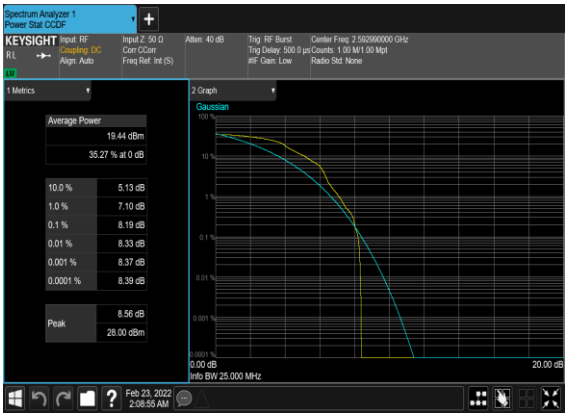
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



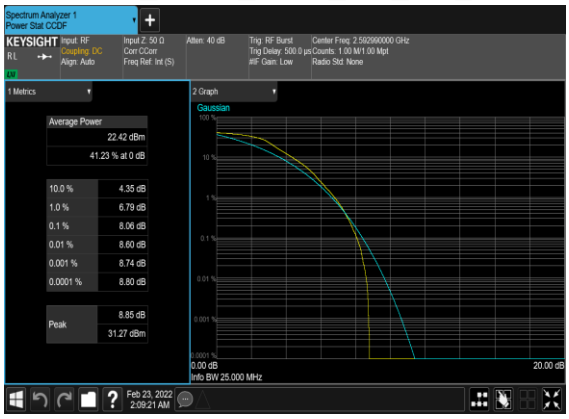
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



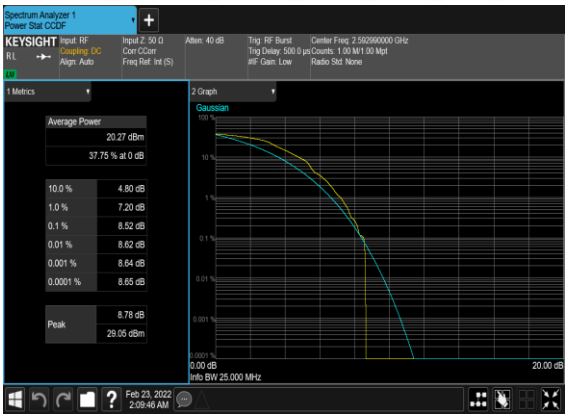
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



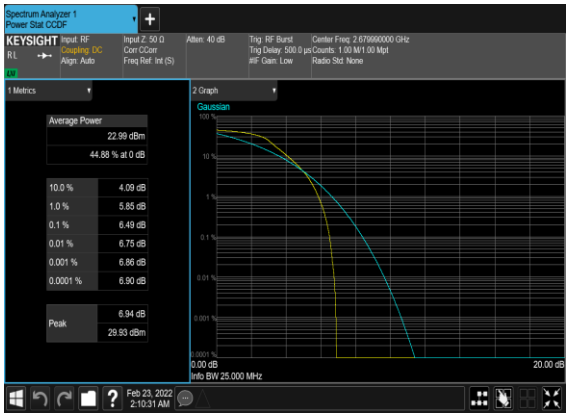
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



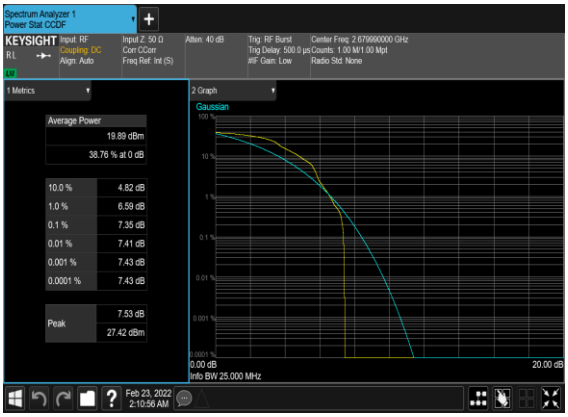
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



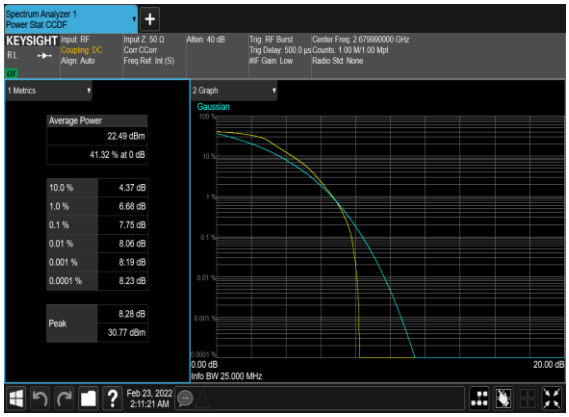
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



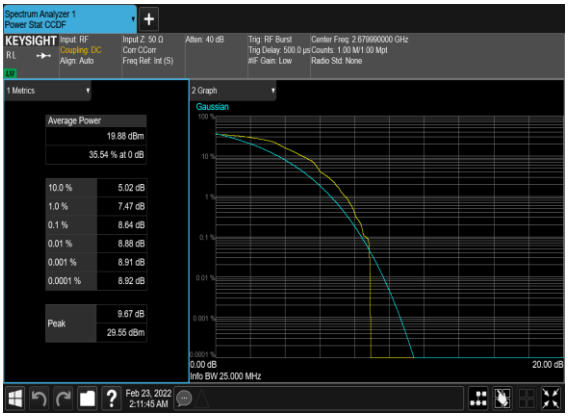
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



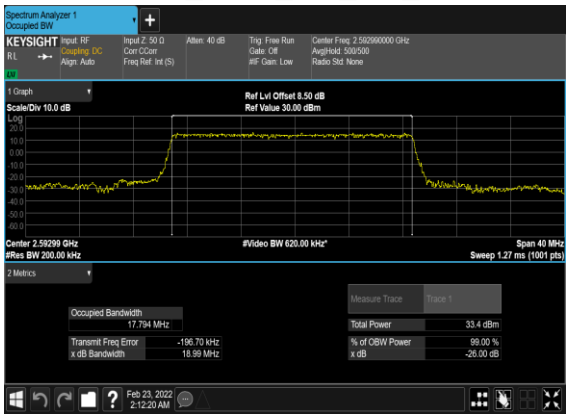
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.794	18.99
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.781	18.92
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.203	19.83
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.264	19.42
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.242	19.9
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.18	19.51
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.718	28.15
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.781	28.05
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.811	29.06
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.868	29.23
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.834	29.11
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.817	29.54
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.743	37.12
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.758	37.38
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.857	39.44
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.859	39.17
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.776	39.4
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.913	39.46
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.73	47.63
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.779	47.4
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.476	49.29

41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.475	49.38
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.51	49.26
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.468	49.21
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.893	59.84
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.881	59.84
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.789	59.97
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.841	59.79
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.912	59.85
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.866	59.7
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	64.428	66.46
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	64.3	66.46
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.416	69.89
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.475	69.86
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.534	69.74
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.534	69.63
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.13	79.71
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.095	79.73
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.368	80.15
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.481	80.01
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.395	80.06
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.353	79.94
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.762	88.6
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.74	88.55
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.553	90.29

41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.398	90.38
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.302	90.26
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.71	90.3
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.413	99.46
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.39	99.58
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.438	100.7
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.496	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.487	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.657	100.6

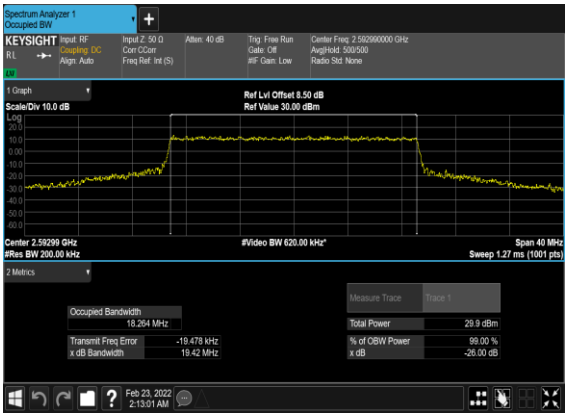
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



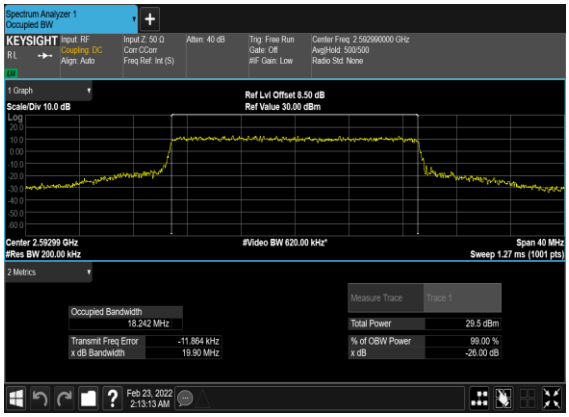
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

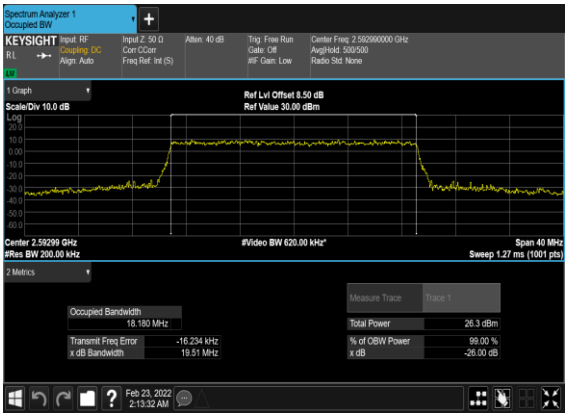
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



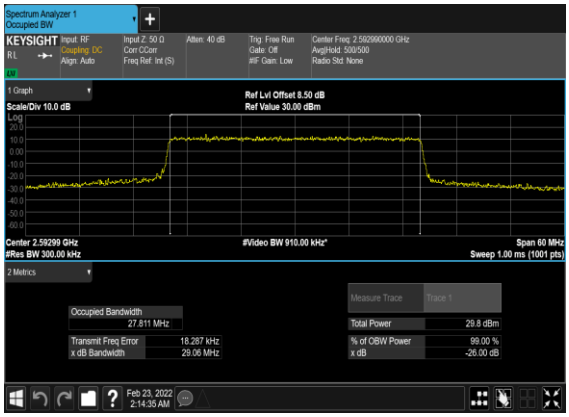
N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



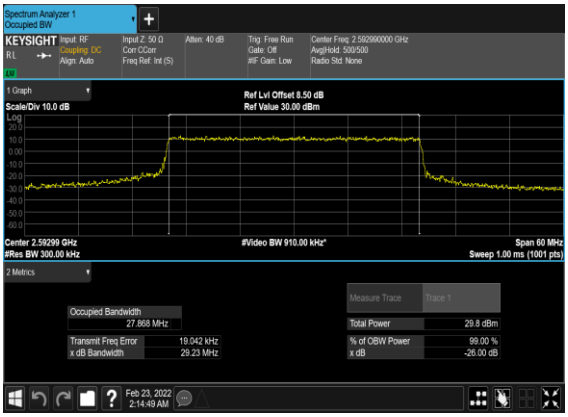
N41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N41(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

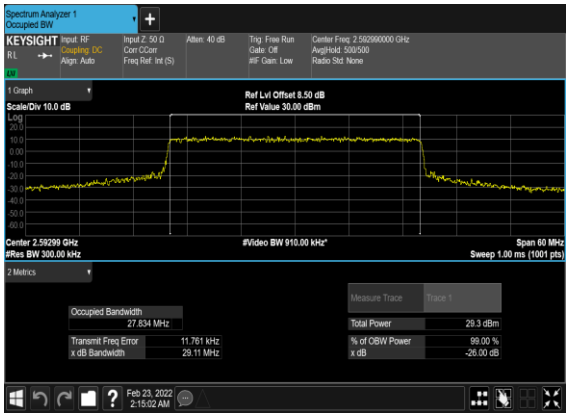
N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



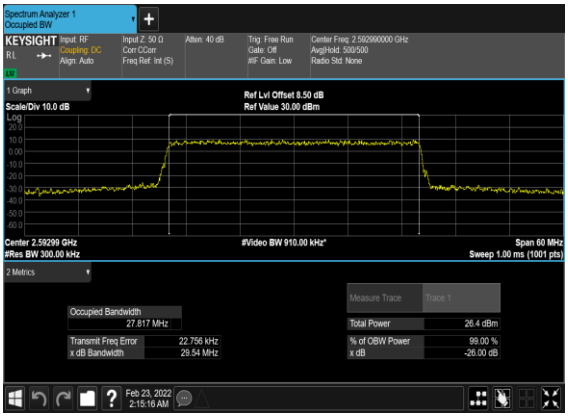
N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



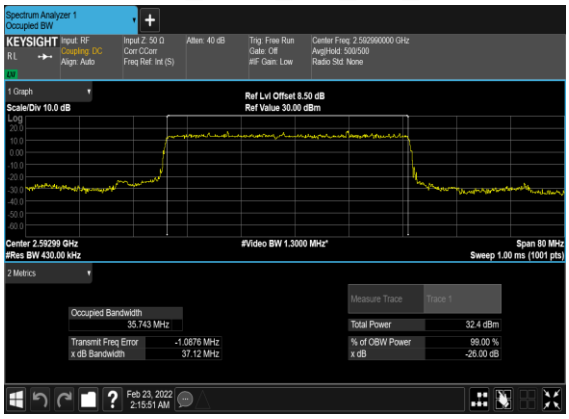
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



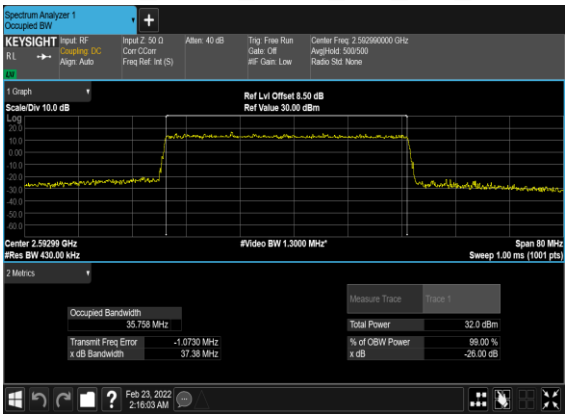
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



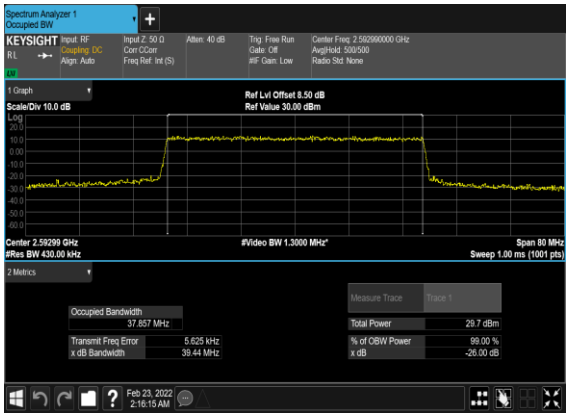
N41(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



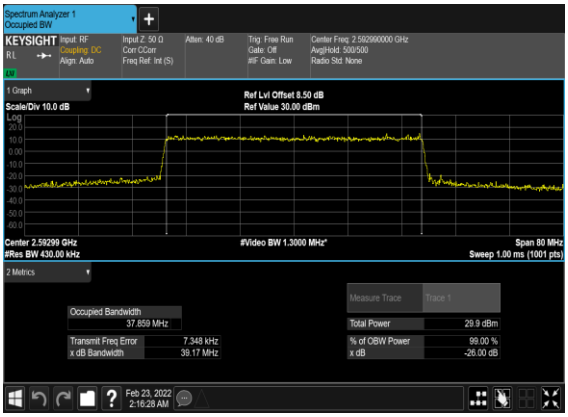
N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



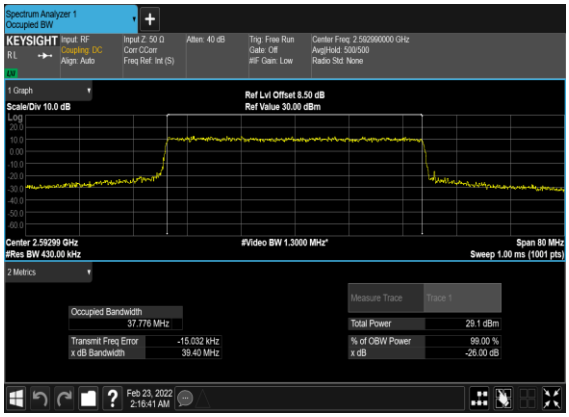
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



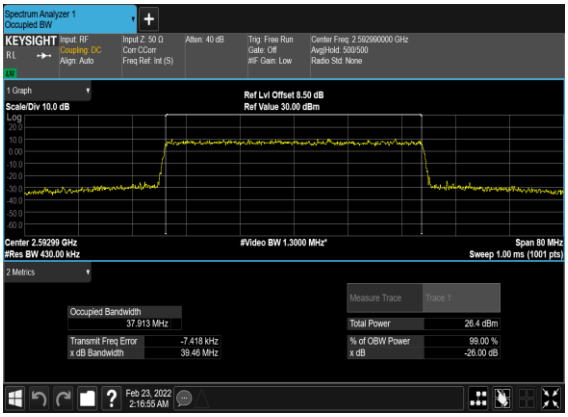
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



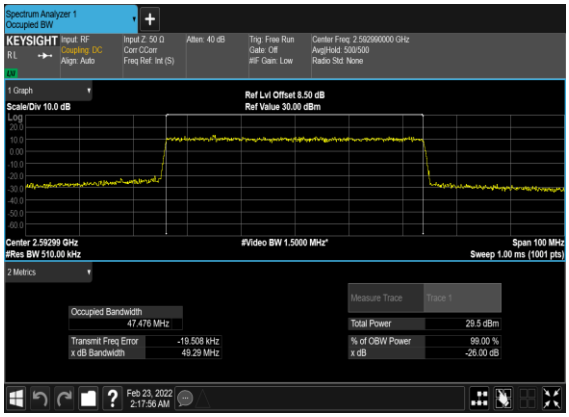
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



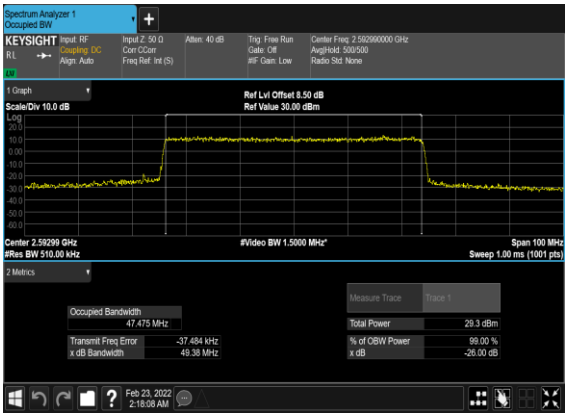
N41(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

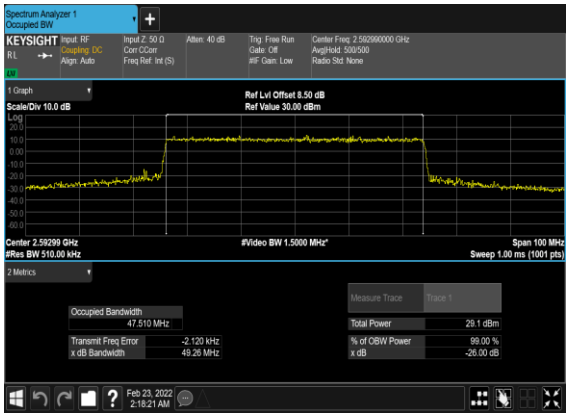
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



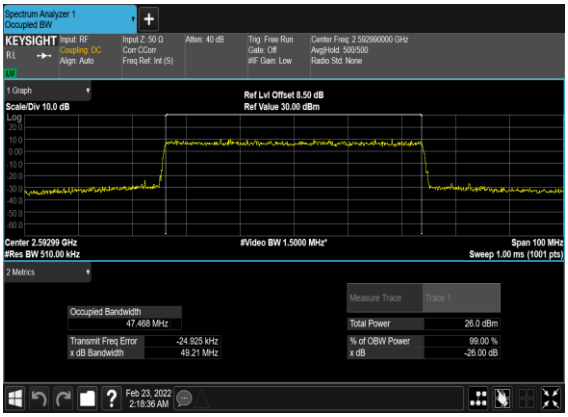
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



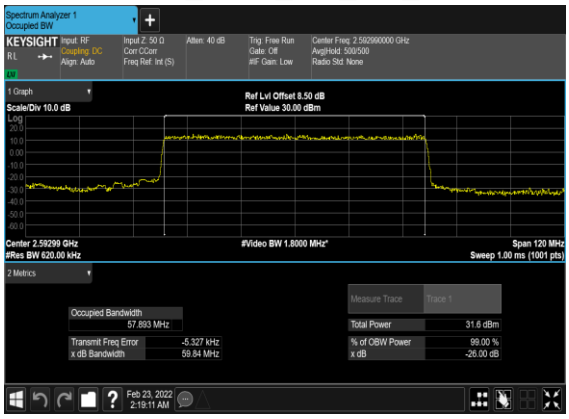
N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



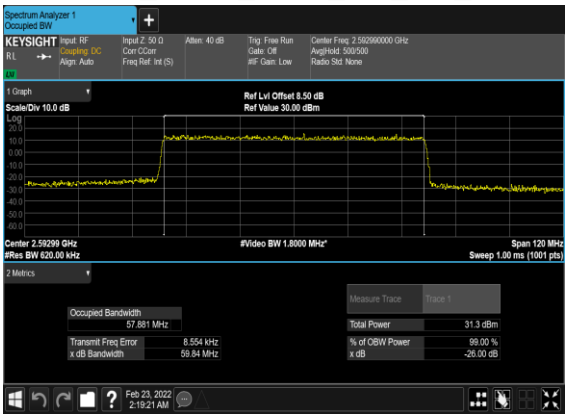
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



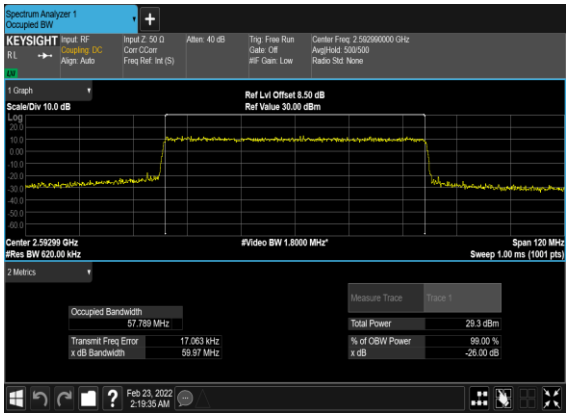
N41(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



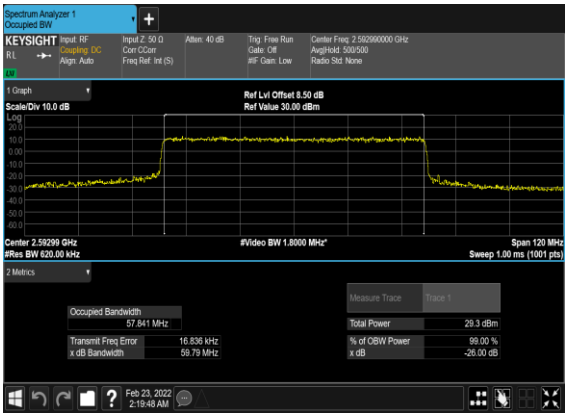
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



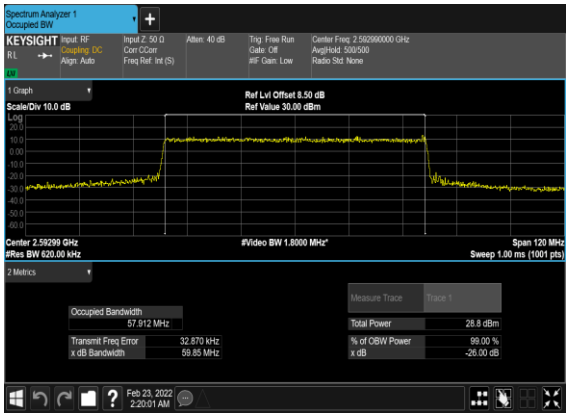
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



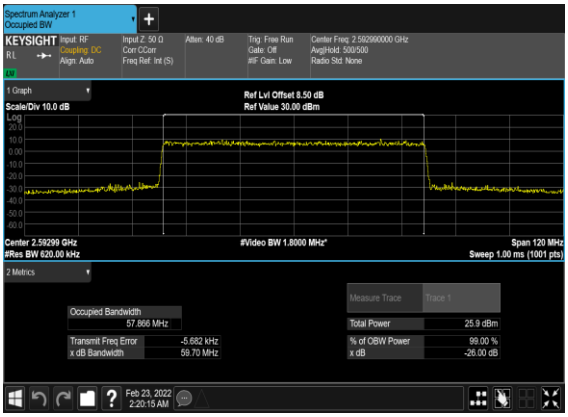
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



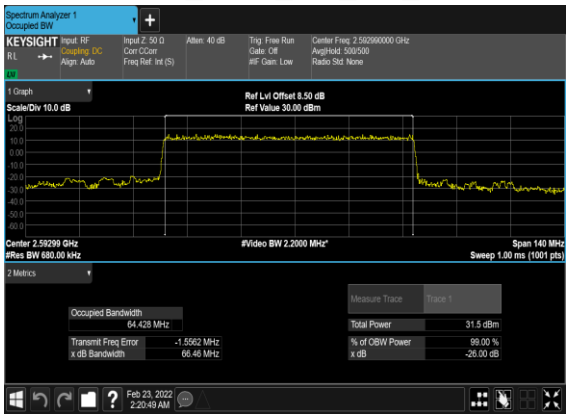
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



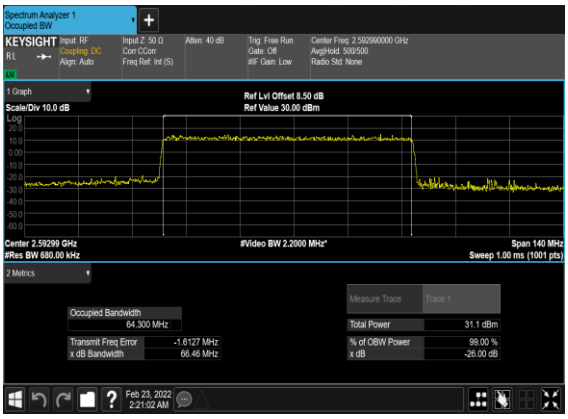
N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

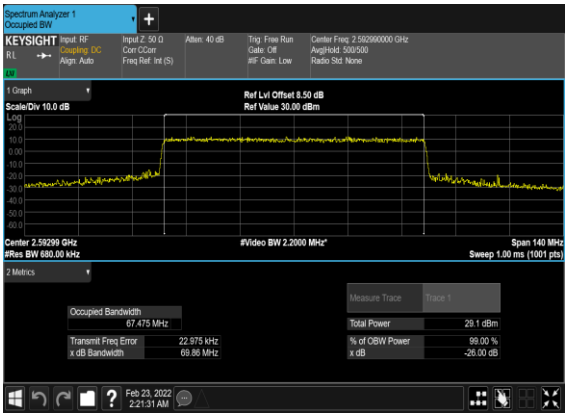


N41(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

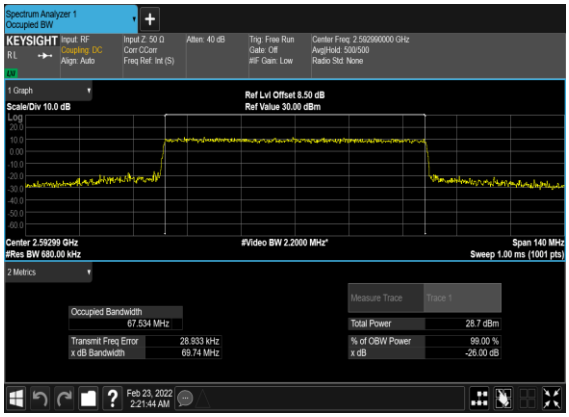


N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

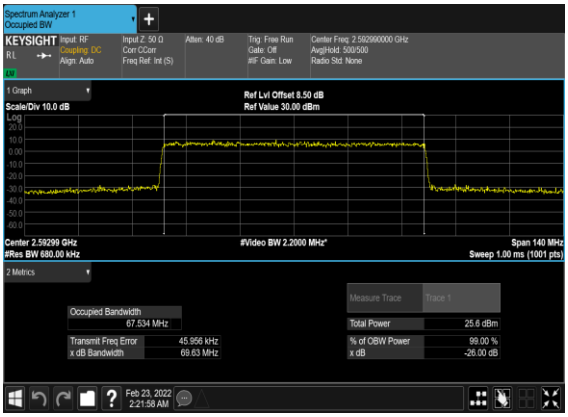
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

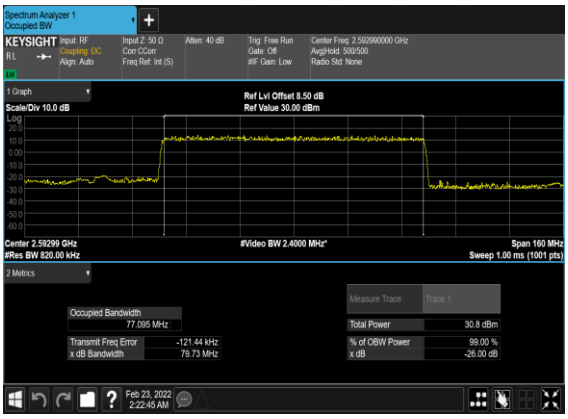


N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

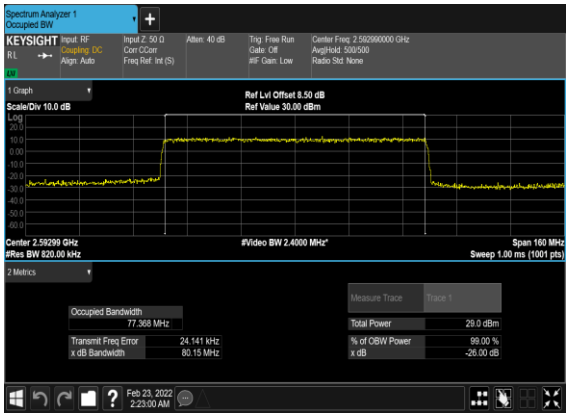


N41(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

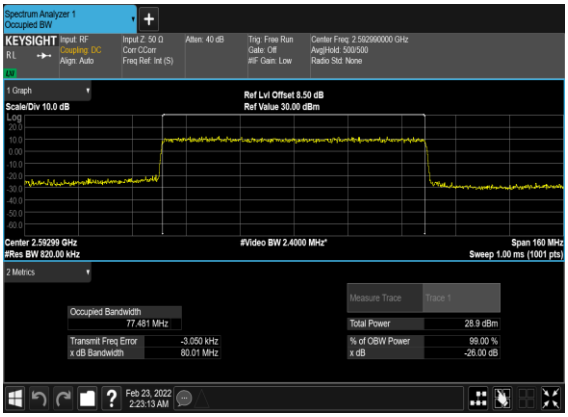
N41(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



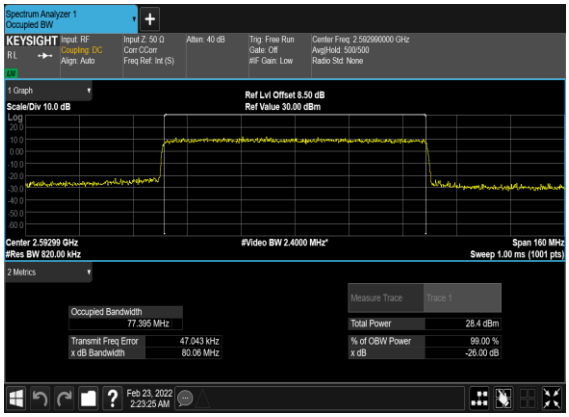
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



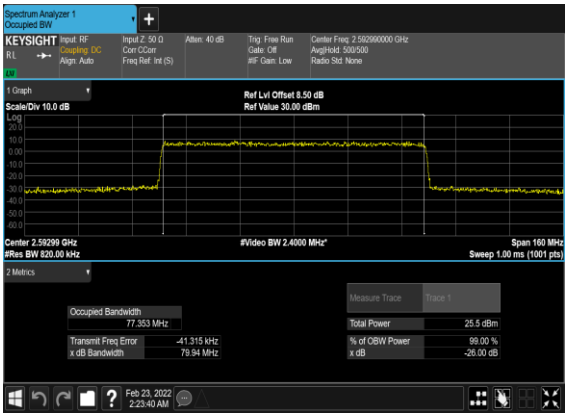
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



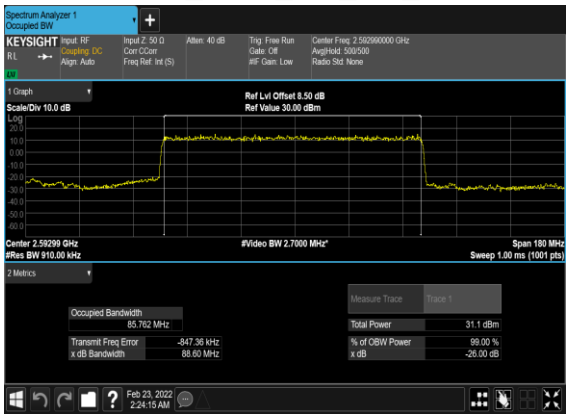
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



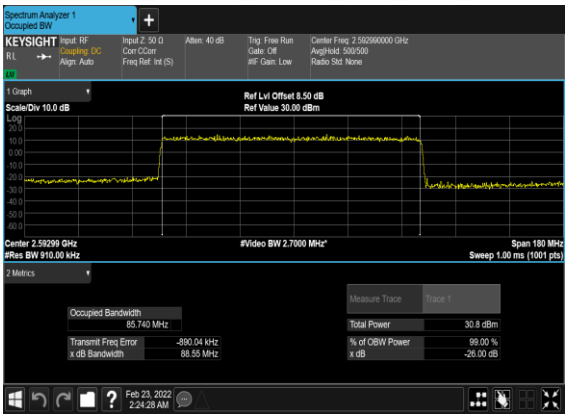
N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



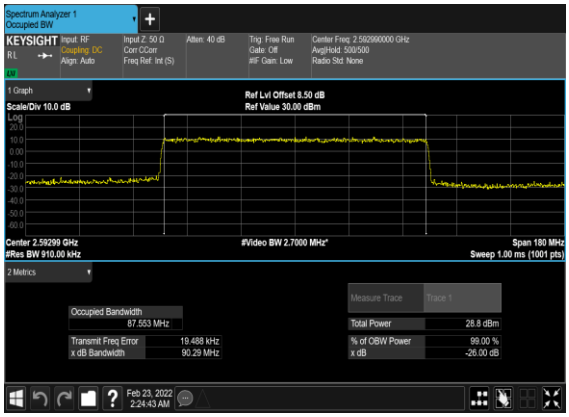
N41(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



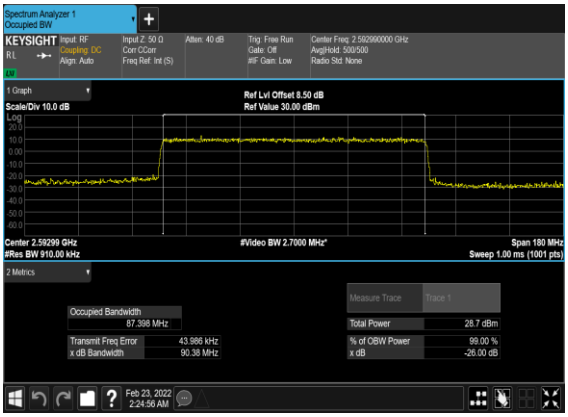
N41(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



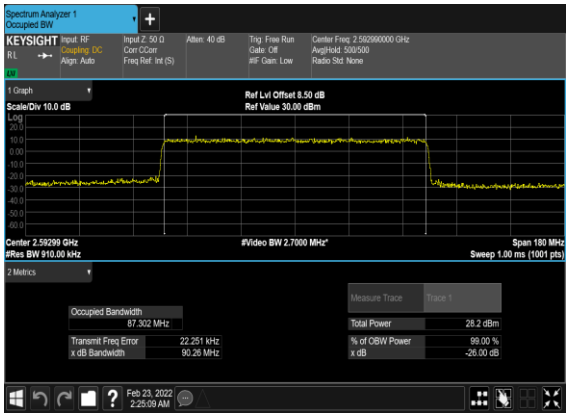
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



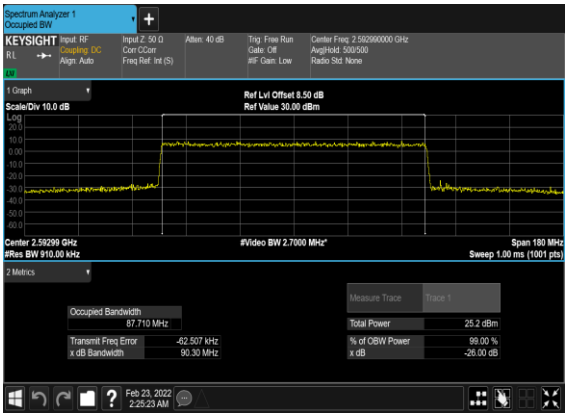
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



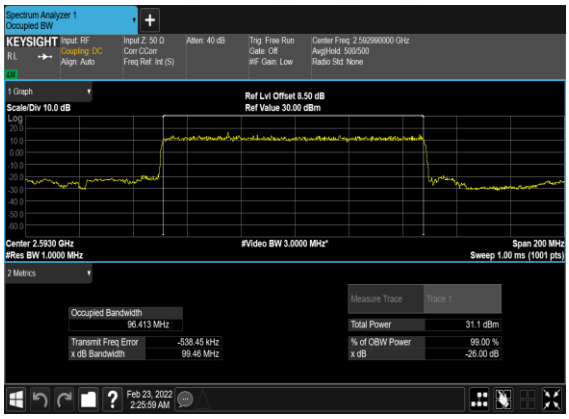
N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



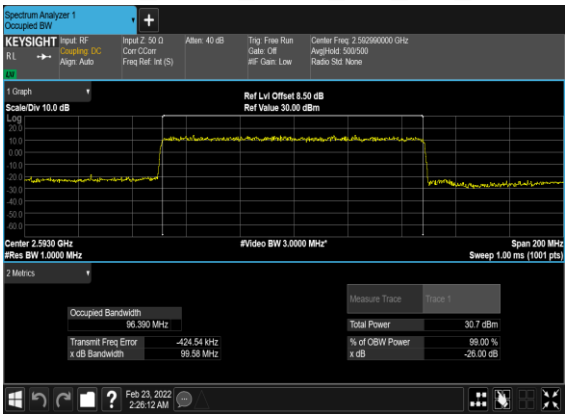
N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



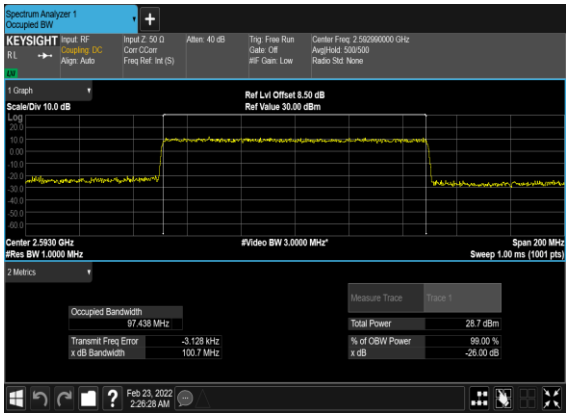
N41(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



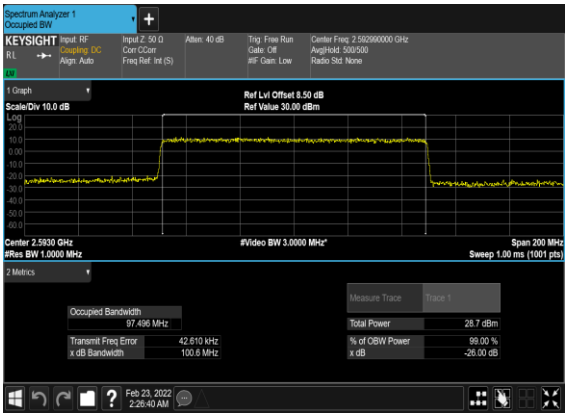
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



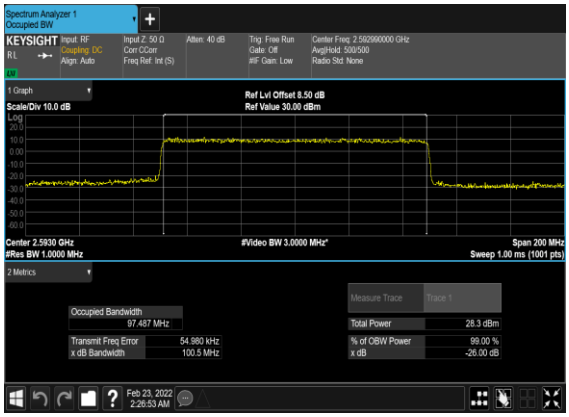
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



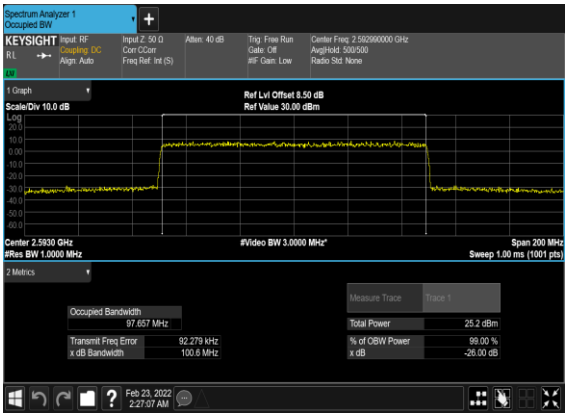
N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



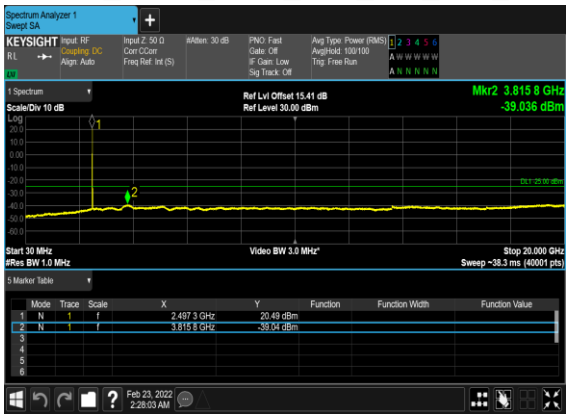
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

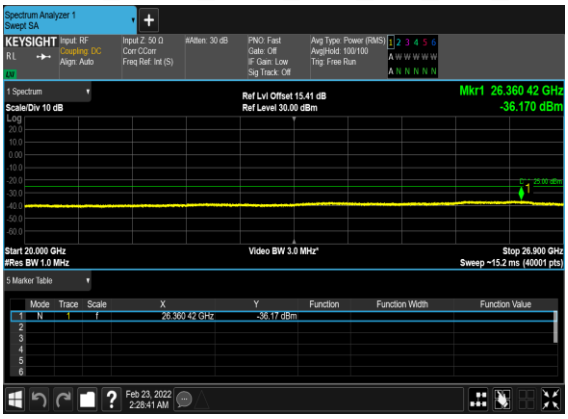
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

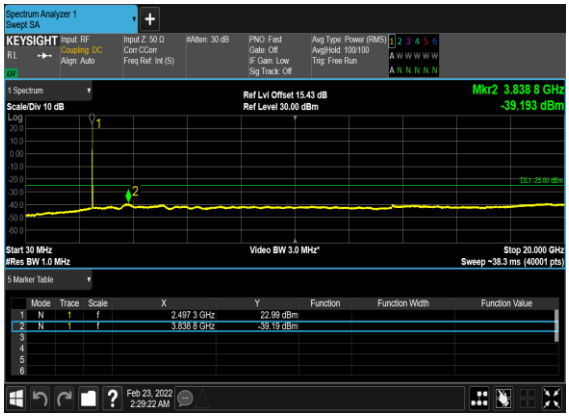
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



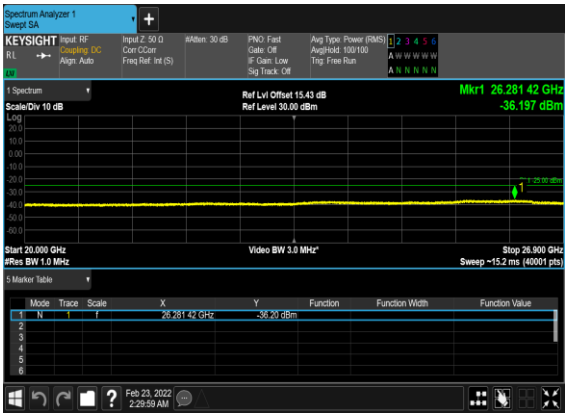
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



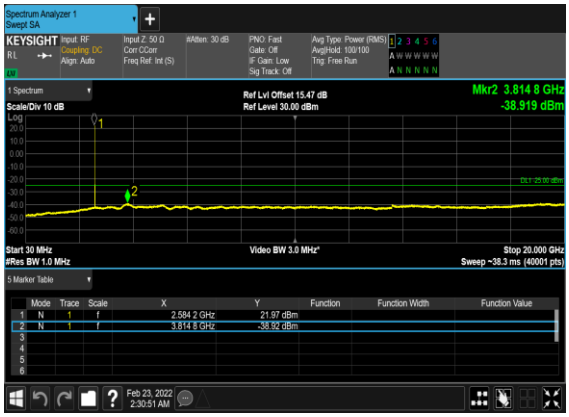
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



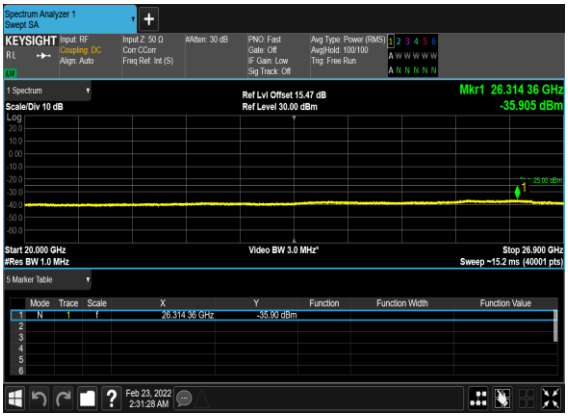
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



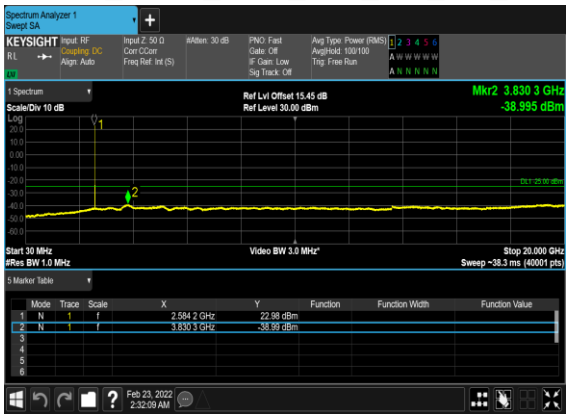
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



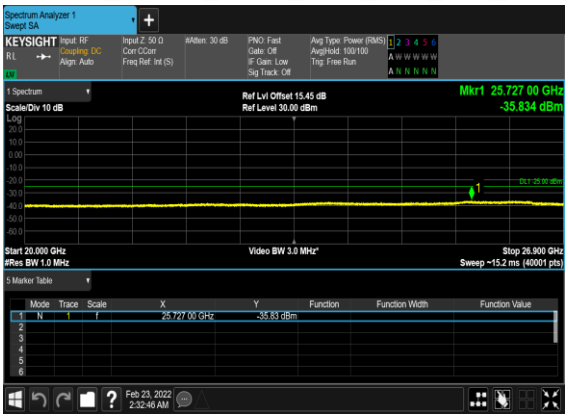
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



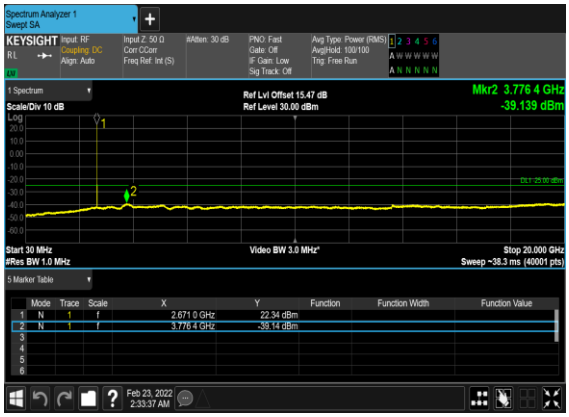
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



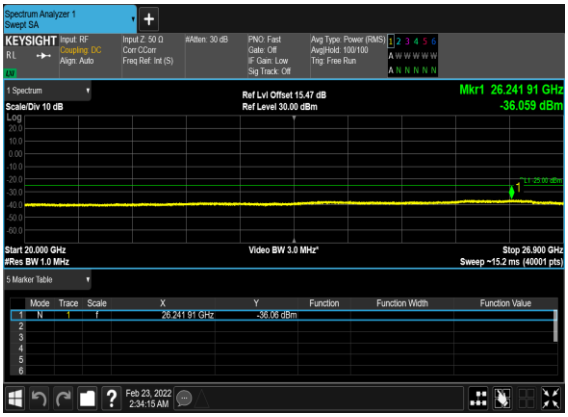
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



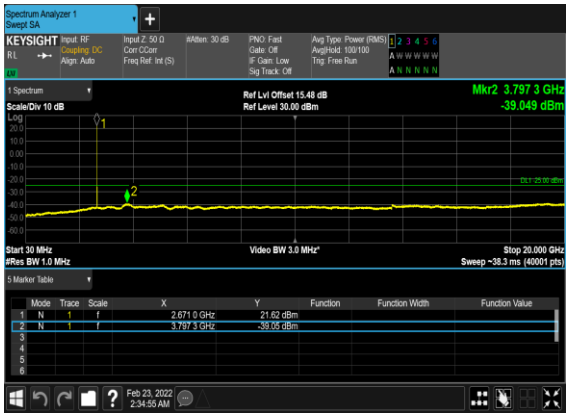
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



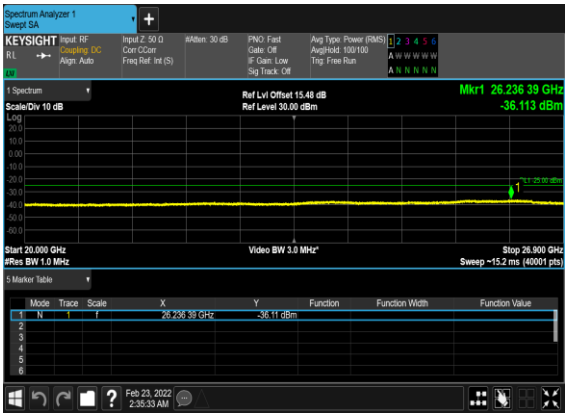
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



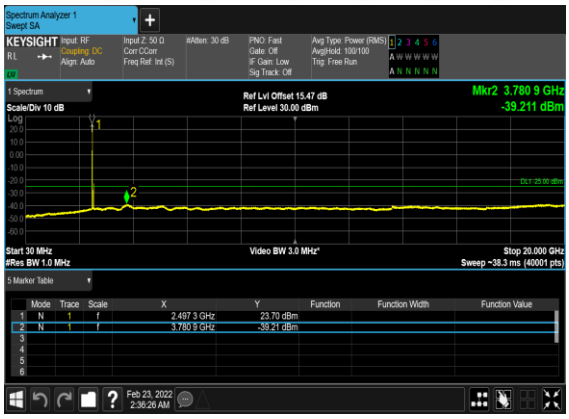
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



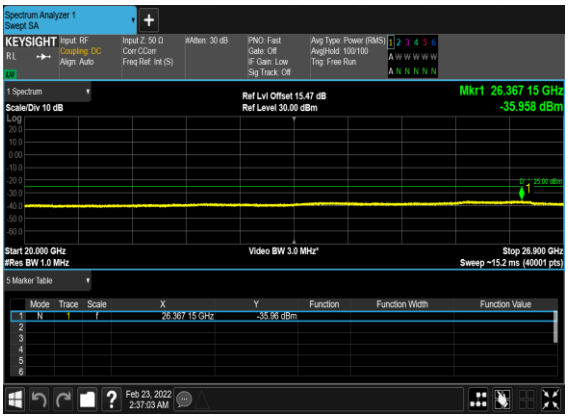
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



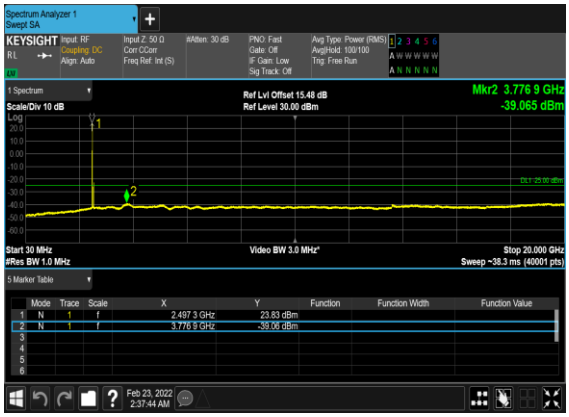
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



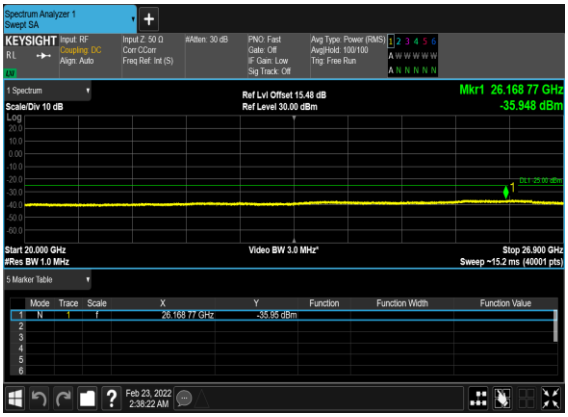
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



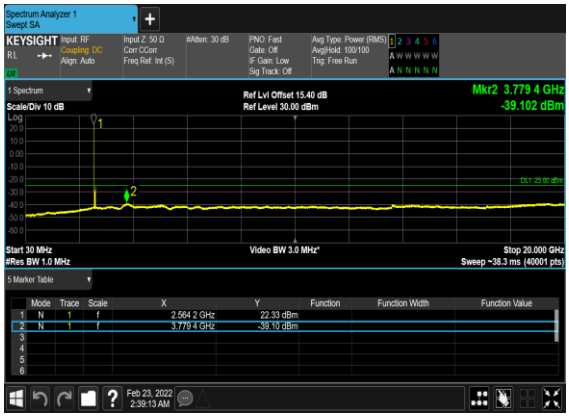
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



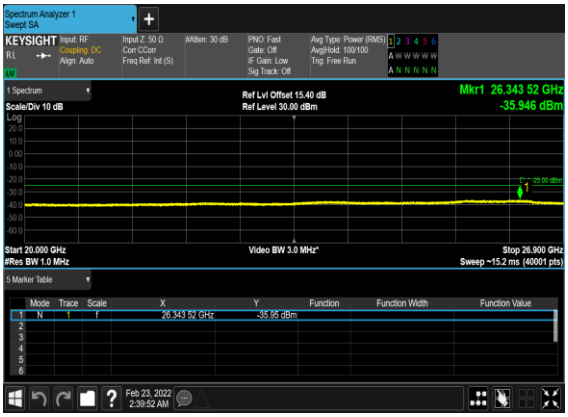
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



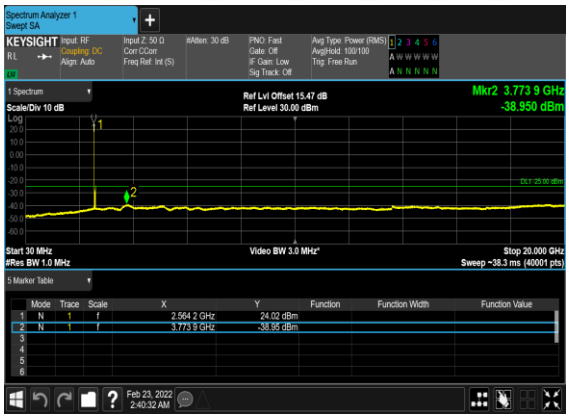
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



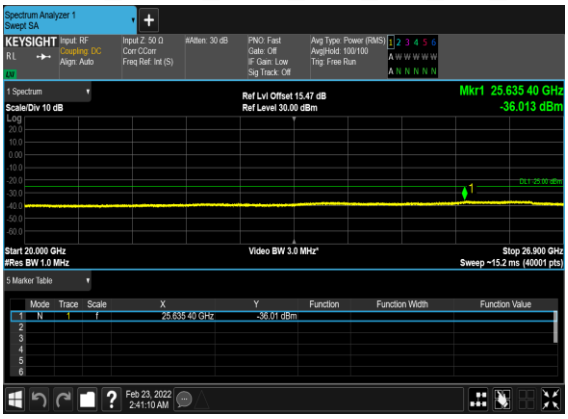
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



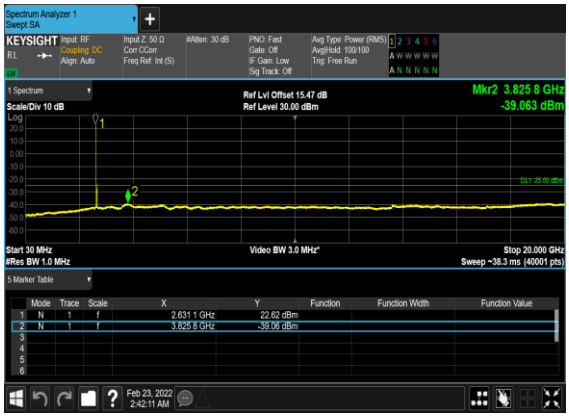
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



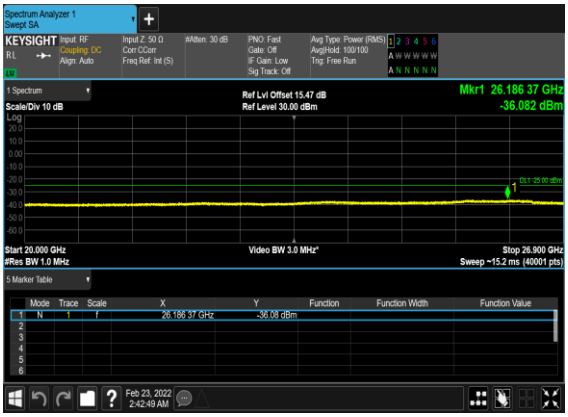
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



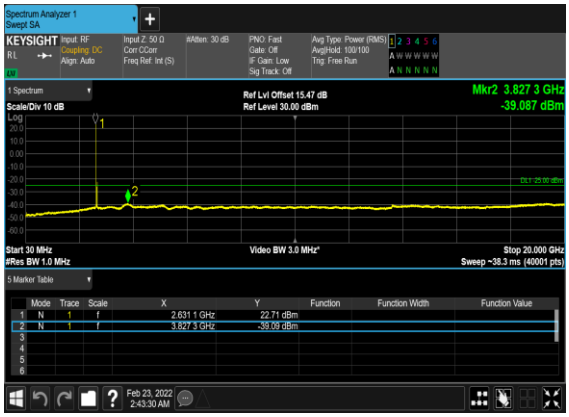
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



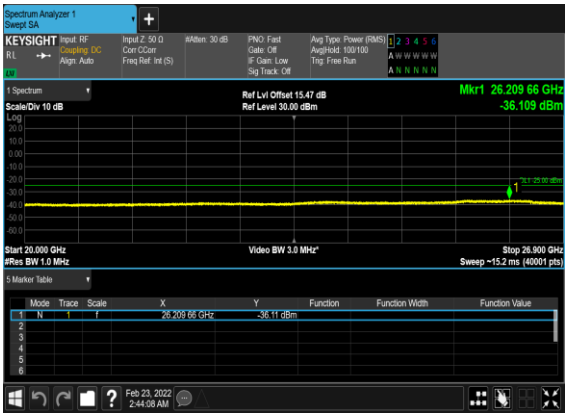
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



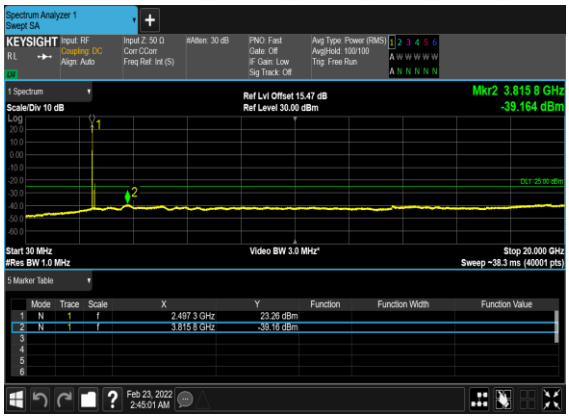
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



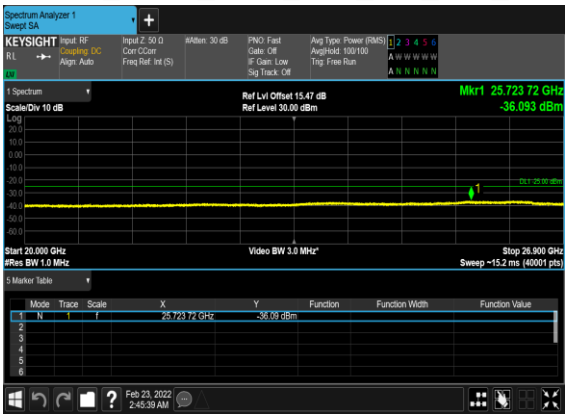
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



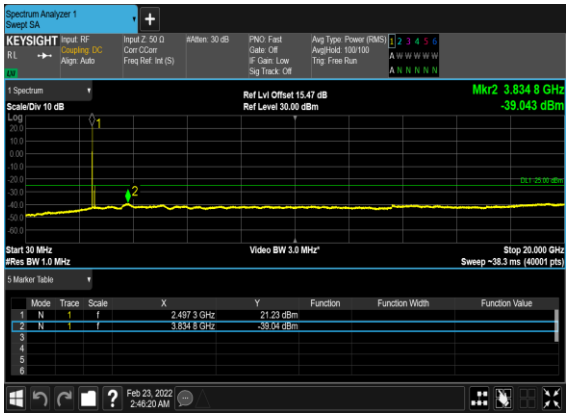
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



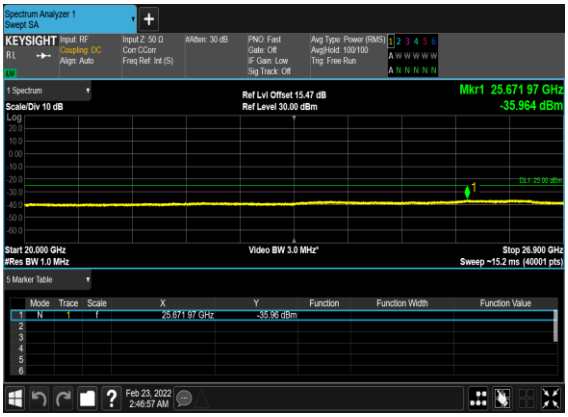
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



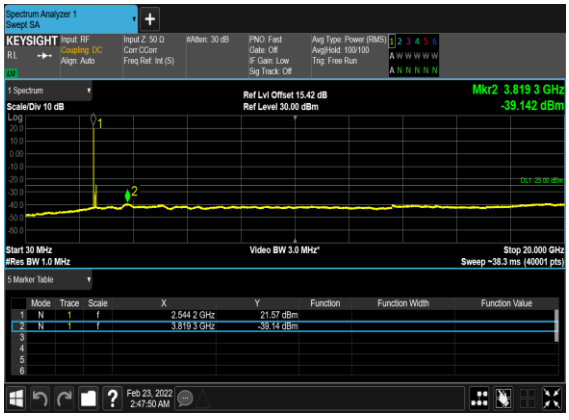
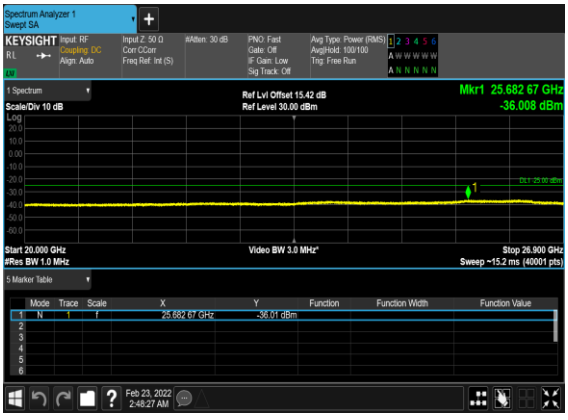
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH