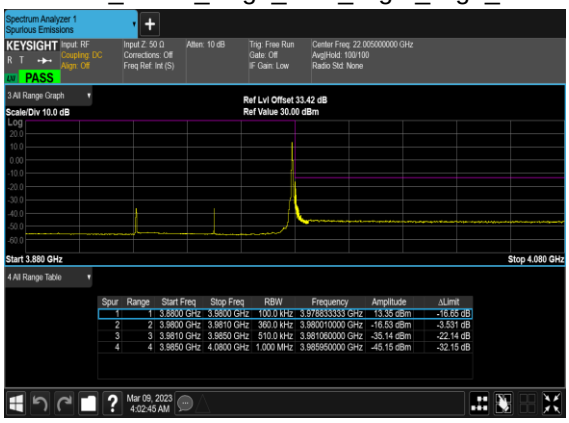
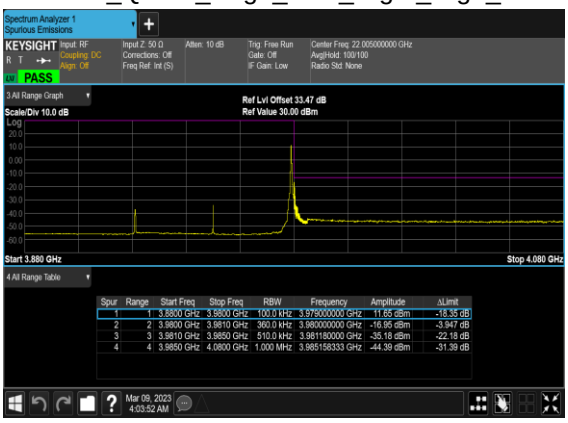
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

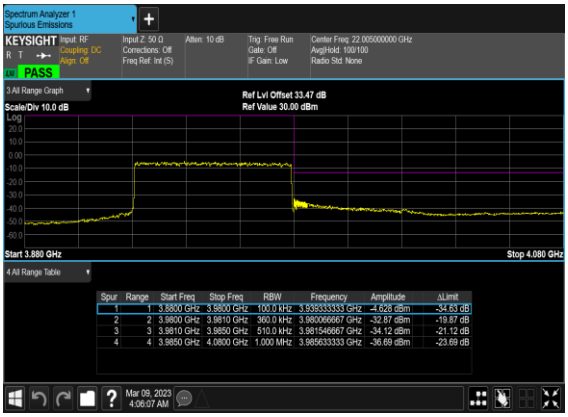


N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

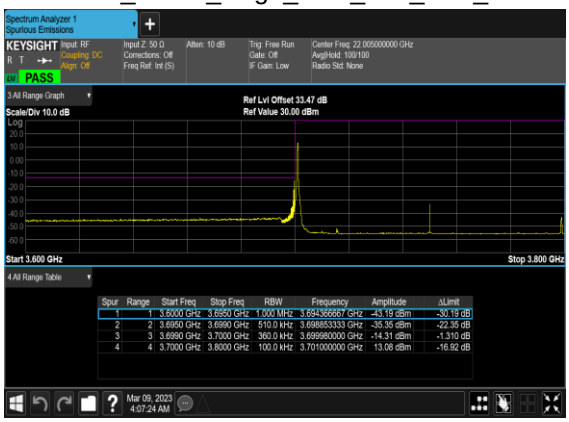


N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

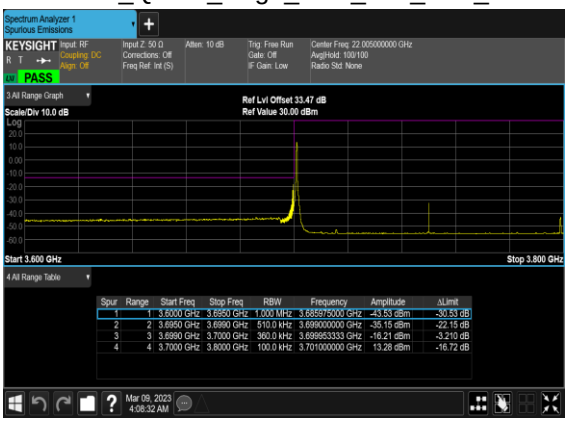
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



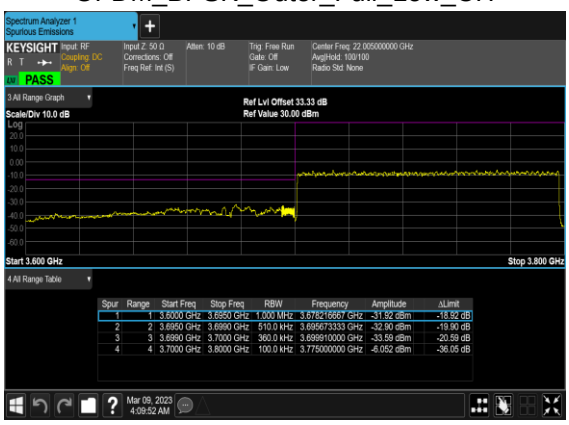
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



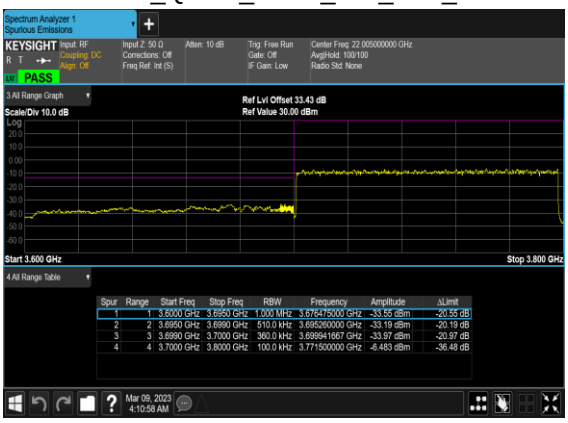
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



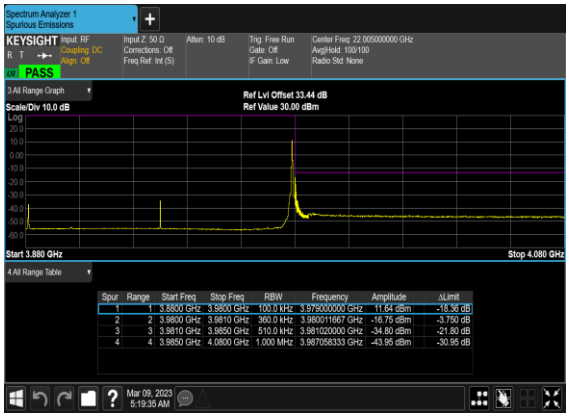
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



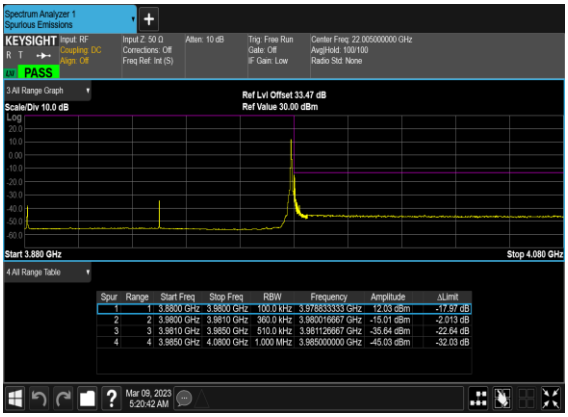
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



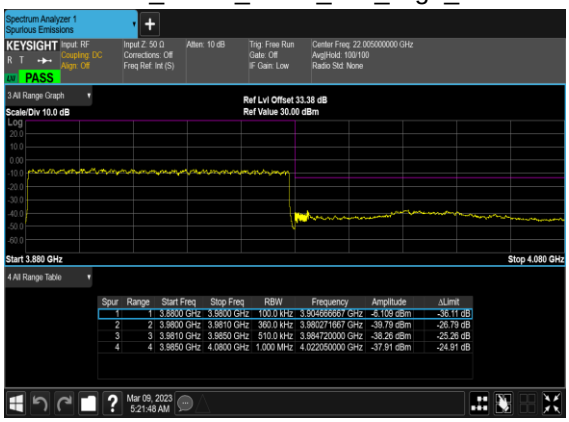
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



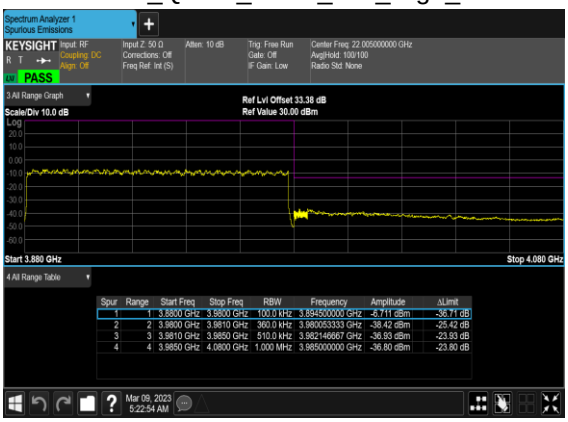
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.02.011001

FR1 N78 (ANT5)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-1.07dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	26.39	25.32	0.3404
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.19	25.12	0.3251
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	26.32	25.25	0.335
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	26.4	25.33	0.3412
78	30	30	650000	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	26.42	25.35	0.3428
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	26.29	25.22	0.3327
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	26.21	25.14	0.3266
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.37	25.3	0.3388
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	26.45	25.38	0.3451
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	26.27	25.2	0.3311
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.03	24.96	0.3133
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	26.01	24.94	0.3119
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	26.19	25.12	0.3251
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.05	24.98	0.3148
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	25.87	24.8	0.3020
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	26.08	25.01	0.3170
78	30	70	650000	3735	DFT-s-OFDM PI/2 BPSK	1@1	26.1	25.03	0.3184
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.89	24.82	0.3034
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	26.05	24.98	0.3148
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.03	24.96	0.3133
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25.87	24.8	0.3020
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	26.04	24.97	0.3141
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.02	24.95	0.3126
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	26	24.93	0.3112
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.01	24.94	0.3119
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.6	25.53	0.3573
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.89	24.82	0.3034
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.98	24.91	0.3097

78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.21	25.14	0.3266
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.01	24.94	0.3119
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25	23.93	0.2472
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.18	24.11	0.2576
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.03	23.96	0.2489
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.53	22.46	0.1762
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.42	22.35	0.1718
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.2	22.13	0.1633
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.41	20.34	0.1081
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.41	20.34	0.1081
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.39	20.32	0.1076
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.39	23.32	0.2148
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.57	23.5	0.2239
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.46	23.39	0.2183

Software Version: 23.02.011001

FR1 N77 MIMO-(ANT5+ANT1)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=0.15dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power (dBm)	ANT1 Power (dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	21.17	21.52	24.37	24.52	0.2831
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	20.72	21.24	24.02	24.17	0.2612
77	30	20	656000	3840	CP-OFDM QPSK	1@1	21.56	21.89	24.71	24.86	0.3062
77	30	20	656000	3840	CP-OFDM 16 QAM	1@1	20.89	21.61	24.3	24.45	0.2786
77	30	20	664666	3840	CP-OFDM QPSK	1@1	21.5	21.92	24.72	24.87	0.3069
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@1	20.9	21.66	24.27	24.42	0.2767
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	21.3	21.6	24.58	24.73	0.2972
77	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	20.75	21.37	24.11	24.26	0.2667
77	30	30	656000	3840	CP-OFDM QPSK	1@1	21.67	21.87	24.9	25.05	0.3199
77	30	30	656000	3840	CP-OFDM 16 QAM	1@1	20.98	21.59	24.31	24.46	0.2793
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	21.38	21.8	24.56	24.71	0.2958
77	30	30	664332	3964.98	CP-OFDM 16 QAM	1@1	20.86	21.55	24.2	24.35	0.2723
77	30	40	648000	3720	CP-OFDM QPSK	1@1	21.49	21.84	24.66	24.81	0.3027
77	30	40	648000	3720	CP-OFDM 16 QAM	1@1	20.83	21.56	24.21	24.36	0.2729
77	30	40	656000	3549.99	CP-OFDM QPSK	1@1	21.02	21.27	24.16	24.31	0.2698
77	30	40	656000	3840	CP-OFDM 16 QAM	1@1	21.15	21.83	24.41	24.56	0.2858
77	30	40	664000	3960	CP-OFDM QPSK	1@1	21.61	21.95	24.7	24.85	0.3055
77	30	40	664000	3960	CP-OFDM 16 QAM	1@1	20.92	21.54	24.26	24.41	0.2761
77	30	50	648334	3725.01	CP-OFDM QPSK	1@1	21.15	21.56	24.35	24.5	0.2818
77	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	20.67	21.18	23.95	24.1	0.2570
77	30	50	656000	3840	CP-OFDM QPSK	1@1	21.38	21.86	24.68	24.83	0.3041
77	30	50	656000	3840	CP-OFDM 16 QAM	1@1	20.89	21.49	24.17	24.32	0.2704
77	30	50	663666	3954.99	CP-OFDM QPSK	1@1	21.29	21.67	24.5	24.65	0.2917
77	30	50	663666	3954.99	CP-OFDM 16 QAM	1@1	20.84	21.41	24.15	24.3	0.2692
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	21.14	21.5	24.32	24.47	0.2799
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	20.59	21.13	23.84	23.99	0.2506
77	30	60	656000	3840	CP-OFDM QPSK	1@1	21.38	21.91	24.61	24.76	0.2992
77	30	60	656000	3840	CP-OFDM 16	1@1	20.82	21.61	24.25	24.4	0.2754

					QAM						
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	21.28	21.88	24.63	24.78	0.3006
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@1	20.81	21.45	24.17	24.32	0.2704
77	30	70	649000	3735	CP-OFDM QPSK	1@1	21.01	21.34	24.22	24.37	0.2735
77	30	70	649000	3735	CP-OFDM 16 QAM	1@1	20.41	20.97	23.78	23.93	0.2472
77	30	70	656000	3840	CP-OFDM QPSK	1@1	21.15	21.8	24.51	24.66	0.2924
77	30	70	656000	3840	CP-OFDM 16 QAM	1@1	20.57	21.45	24.02	24.17	0.2612
77	30	70	663000	3945	CP-OFDM QPSK	1@1	21.28	21.69	24.54	24.69	0.2944
77	30	70	663000	3945	CP-OFDM 16 QAM	1@1	20.69	21.48	24.1	24.25	0.2661
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	21.04	21.15	24.06	24.21	0.2636
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	20.45	20.8	23.62	23.77	0.2382
77	30	80	656000	3840	CP-OFDM QPSK	1@1	21.15	21.76	24.49	24.64	0.2911
77	30	80	656000	3840	CP-OFDM 16 QAM	1@1	20.7	21.46	24.09	24.24	0.2655
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	21.24	21.84	24.57	24.72	0.2965
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@1	20.67	21.55	24.18	24.33	0.2710
77	30	90	649668	3745.02	CP-OFDM QPSK	1@1	21.02	21.25	24.14	24.29	0.2685
77	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	20.39	20.94	23.74	23.89	0.2449
77	30	90	656000	3840	CP-OFDM QPSK	1@1	21.16	21.8	24.51	24.66	0.2924
77	30	90	656000	3840	CP-OFDM 16 QAM	1@1	20.66	21.38	24.05	24.2	0.2630
77	30	90	662332	3934.98	CP-OFDM QPSK	1@1	21.22	21.84	24.49	24.64	0.2911
77	30	90	662332	3934.98	CP-OFDM 16 QAM	1@1	20.56	21.51	24.08	24.23	0.2649
77	30	100	650000	3750	CP-OFDM QPSK	137 @68	21.18	21.25	24.26	24.41	0.2761
77	30	100	650000	3750	CP-OFDM QPSK	1@1	21.91	22.32	25.13	25.28	0.3373
77	30	100	650000	3750	CP-OFDM QPSK	1@2 71	21.31	21.43	24.39	24.54	0.2844
77	30	100	650000	3750	CP-OFDM 16 QAM	137 @68	20.72	20.82	23.81	23.96	0.2489
77	30	100	650000	3750	CP-OFDM 16 QAM	1@1	20.49	20.95	23.75	23.9	0.2455
77	30	100	650000	3750	CP-OFDM 16 QAM	1@2 71	20.79	21.06	23.95	24.1	0.2570
77	30	100	650000	3750	CP-OFDM 64 QAM	137 @68	19.26	19.35	22.31	22.46	0.1762
77	30	100	650000	3750	CP-OFDM 64 QAM	1@1	19.02	19.18	22.1	22.25	0.1679
77	30	100	650000	3750	CP-OFDM 64 QAM	1@2 71	19.31	19.34	22.37	22.52	0.1786
77	30	100	650000	3750	CP-OFDM 256 QAM	137 @68	16.28	16.32	19.32	19.47	0.0885
77	30	100	650000	3750	CP-OFDM 256 QAM	1@1	16.09	16.01	19.04	19.19	0.0830
77	30	100	650000	3750	CP-OFDM 256 QAM	1@2 71	16.33	16.21	19.27	19.42	0.0875
77	30	100	656000	3840	CP-OFDM QPSK	137 @68	21.44	21.71	24.6	24.75	0.2985

77	30	100	656000	3840	CP-OFDM QPSK	1@1	21.3	21.59	24.44	24.59	0.2877
77	30	100	656000	3840	CP-OFDM QPSK	1@271	21.34	21.67	24.56	24.71	0.2958
77	30	100	656000	3840	CP-OFDM 16 QAM	137@68	20.96	21.12	24.02	24.17	0.2612
77	30	100	656000	3840	CP-OFDM 16 QAM	1@1	20.78	21.24	23.95	24.1	0.2570
77	30	100	656000	3840	CP-OFDM 16 QAM	1@271	20.87	21.43	24.07	24.22	0.2642
77	30	100	656000	3840	CP-OFDM 64 QAM	137@68	19.35	19.64	22.5	22.65	0.1841
77	30	100	656000	3840	CP-OFDM 64 QAM	1@1	19.14	19.44	22.36	22.51	0.1782
77	30	100	656000	3840	CP-OFDM 64 QAM	1@271	19.37	19.62	22.54	22.69	0.1858
77	30	100	656000	3840	CP-OFDM 256 QAM	137@68	16.34	16.62	19.47	19.62	0.0916
77	30	100	656000	3840	CP-OFDM 256 QAM	1@1	16.16	16.36	19.3	19.45	0.0881
77	30	100	656000	3840	CP-OFDM 256 QAM	1@271	16.39	16.48	19.46	19.61	0.0914
77	30	100	662000	3930	CP-OFDM QPSK	137@68	21.4	21.63	24.54	24.69	0.2944
77	30	100	662000	3930	CP-OFDM QPSK	1@1	21.28	21.96	24.65	24.8	0.3020
77	30	100	662000	3930	CP-OFDM QPSK	1@271	21.55	21.66	24.61	24.76	0.2992
77	30	100	662000	3930	CP-OFDM 16 QAM	137@68	20.95	21.26	24.12	24.27	0.2673
77	30	100	662000	3930	CP-OFDM 16 QAM	1@1	20.79	21.62	24.16	24.31	0.2698
77	30	100	662000	3930	CP-OFDM 16 QAM	1@271	20.96	21.16	24.08	24.23	0.2649
77	30	100	662000	3930	CP-OFDM 64 QAM	137@68	19.35	19.75	22.62	22.77	0.1892
77	30	100	662000	3930	CP-OFDM 64 QAM	1@1	19.23	19.82	22.52	22.67	0.1849
77	30	100	662000	3930	CP-OFDM 64 QAM	1@271	19.55	19.44	22.48	22.63	0.1832
77	30	100	662000	3930	CP-OFDM 256 QAM	137@68	16.43	16.74	19.59	19.74	0.0942
77	30	100	662000	3930	CP-OFDM 256 QAM	1@1	16.33	16.68	19.53	19.68	0.0929
77	30	100	662000	3930	CP-OFDM 256 QAM	1@271	16.62	16.32	19.46	19.61	0.0914

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0025	**PASS**	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0032	**PASS**	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0029	**PASS**	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0038	**PASS**	-30℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0046	**PASS**	-20℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0048	**PASS**	-10℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0042	**PASS**	0℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0039	**PASS**	10℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0048	**PASS**	20℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0045	**PASS**	30℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0035	**PASS**	40℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0038	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	10.86	13	**PASS**
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	10.33	13	**PASS**
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	10.83	13	**PASS**
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	10.37	13	**PASS**

N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

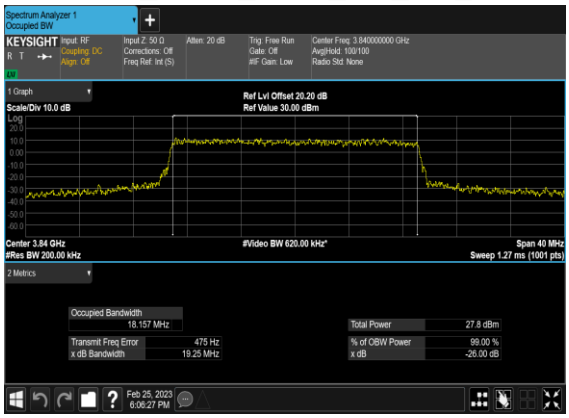
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH

Occupied Bandwidth

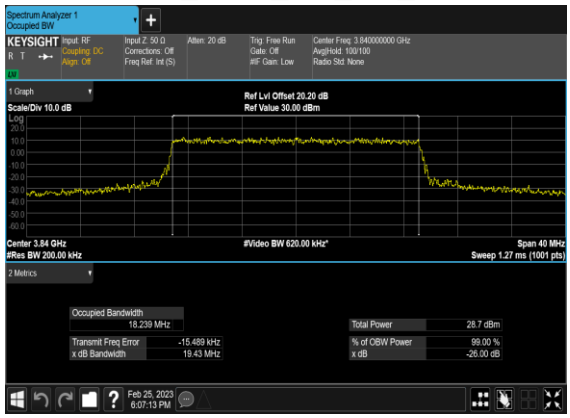
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.157	19.25
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.239	19.43
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.244	19.04
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.188	19.09
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.852	28.96
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.871	28.86
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.879	28.81
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.761	28.97
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.84	39.35
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.826	39.13
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.708	39.25
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.734	39.34
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.478	49.03
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.371	49.3
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.548	49.12
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.587	49.22
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.698	59.91
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.751	59.68
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.951	59.69
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.938	59.93
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.537	69.48
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.468	69.98
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.444	69.59
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.522	69.65
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.39	79.81
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.528	79.99

77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.375	79.91
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.708	79.98
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.393	90.23
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.423	90.26
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.352	90.31
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.571	90.24
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.549	100.4
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.511	100.4
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.659	100.5
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.387	100.4

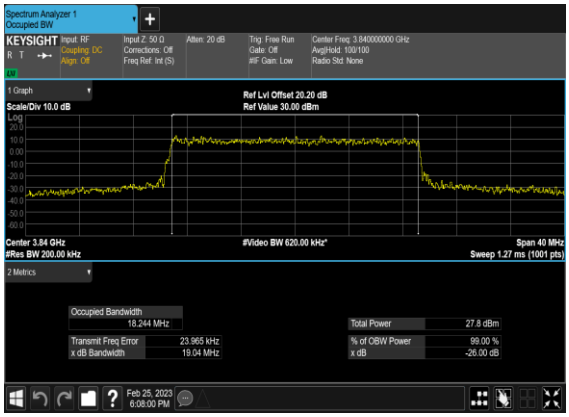
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



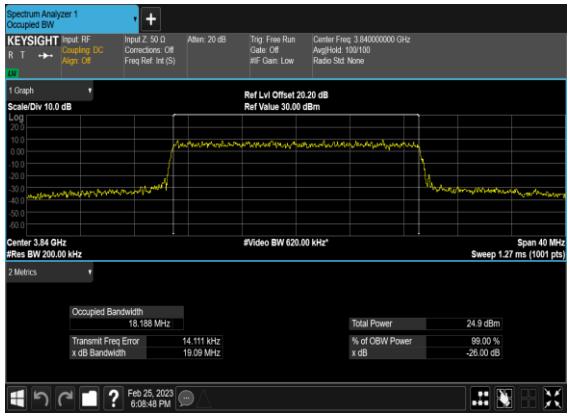
N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



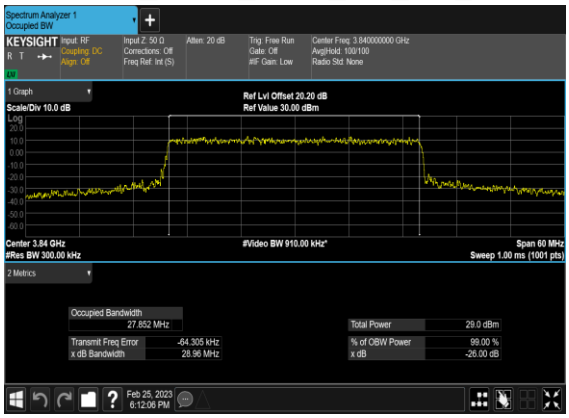
N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



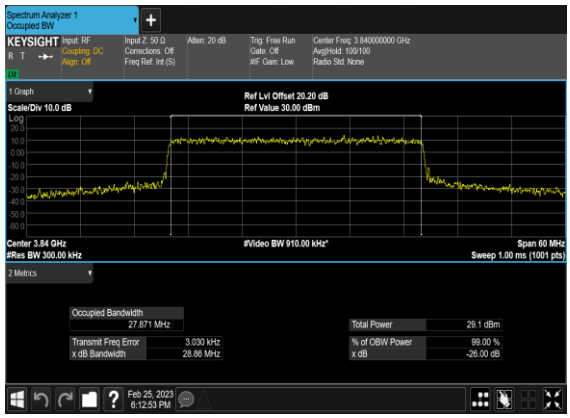
N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



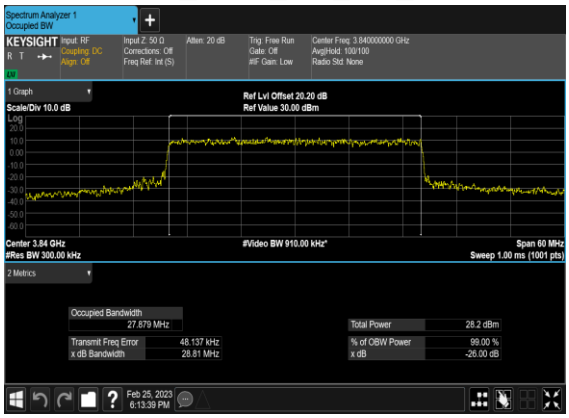
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



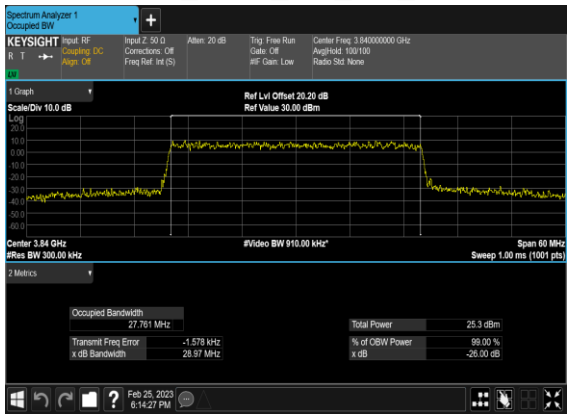
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



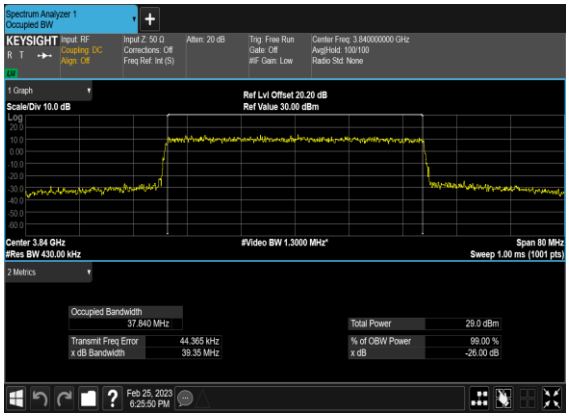
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



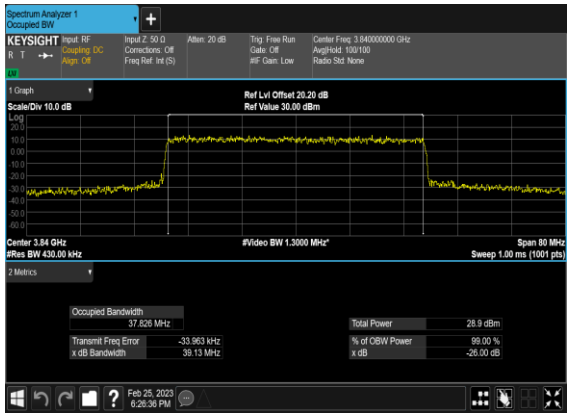
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



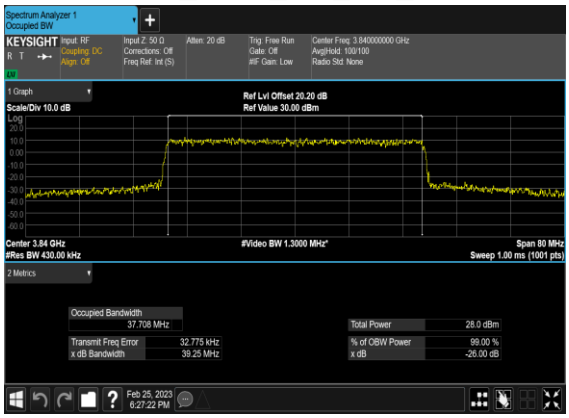
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



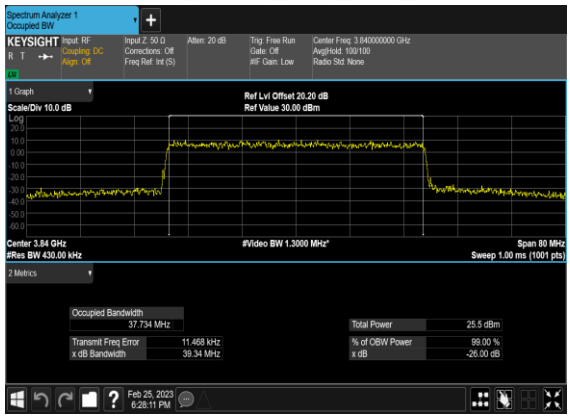
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



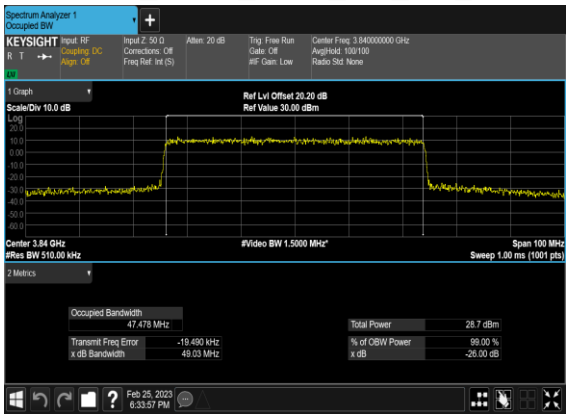
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



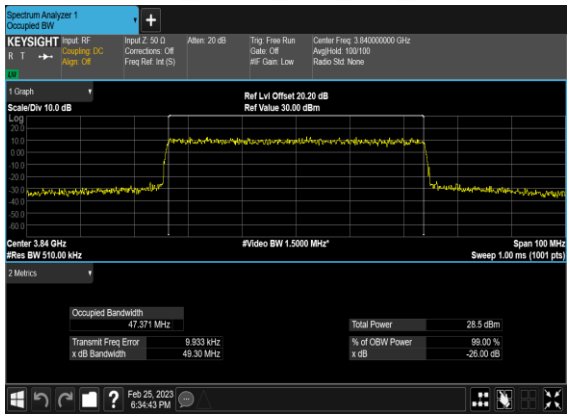
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



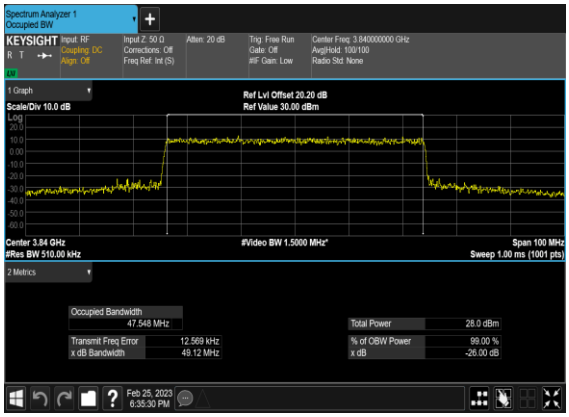
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



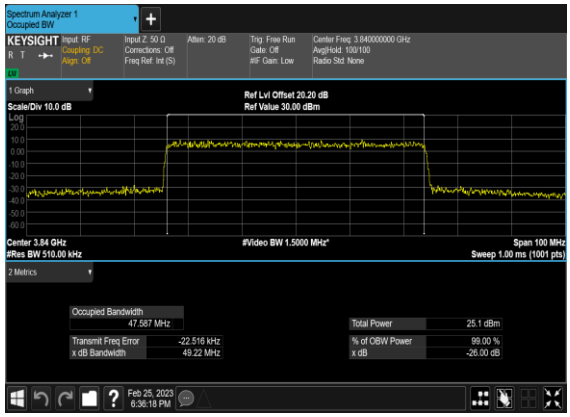
N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



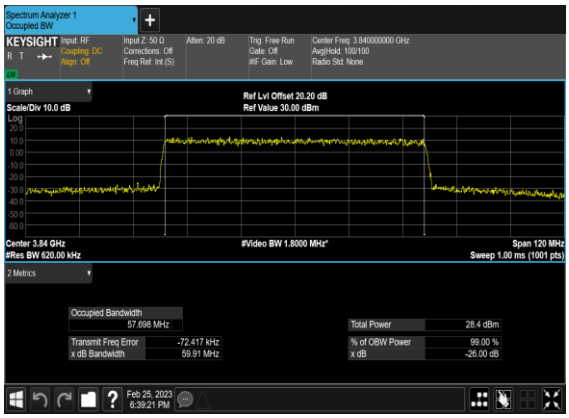
N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



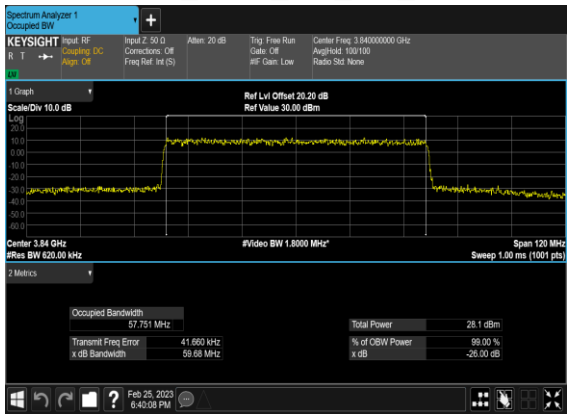
N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



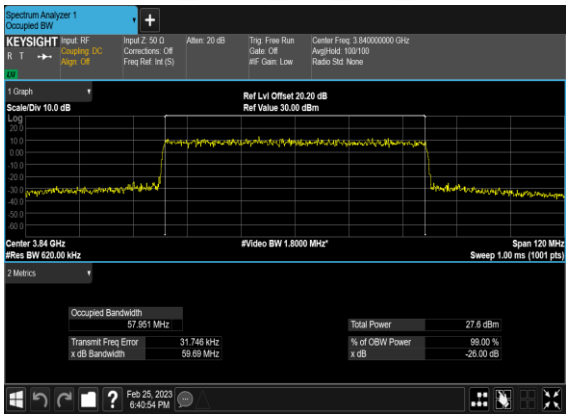
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



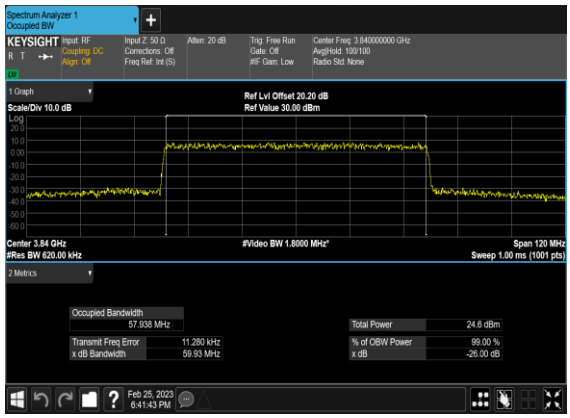
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

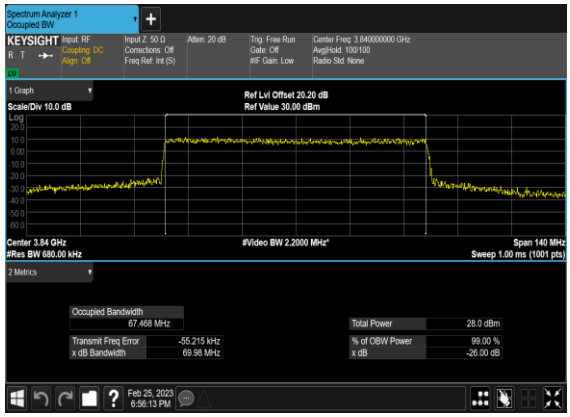


N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

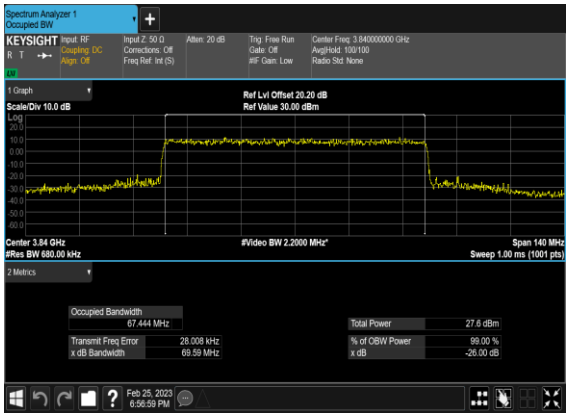


N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

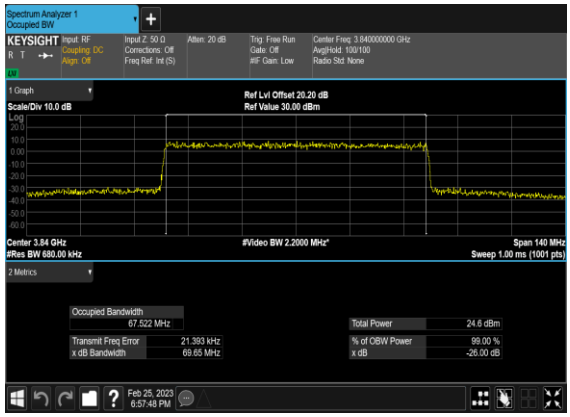
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



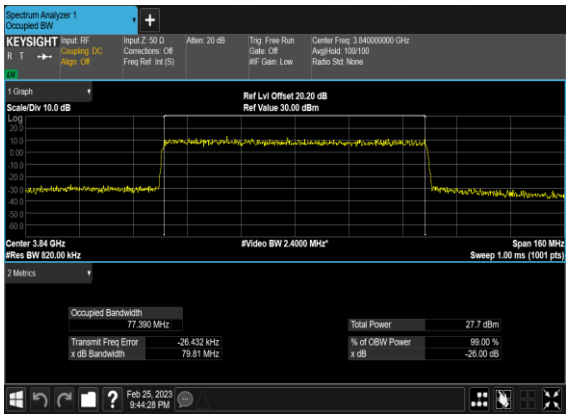
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



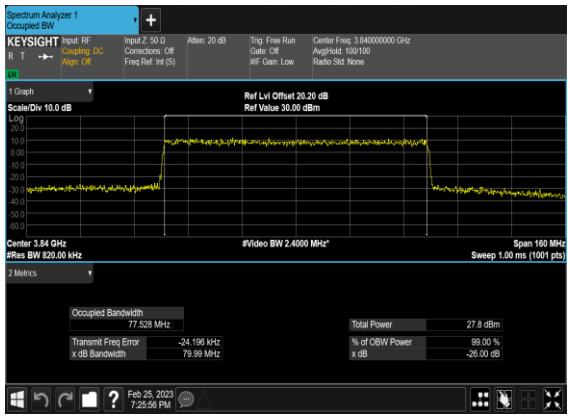
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



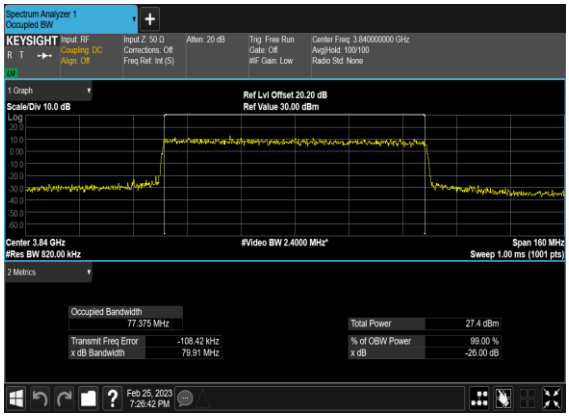
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



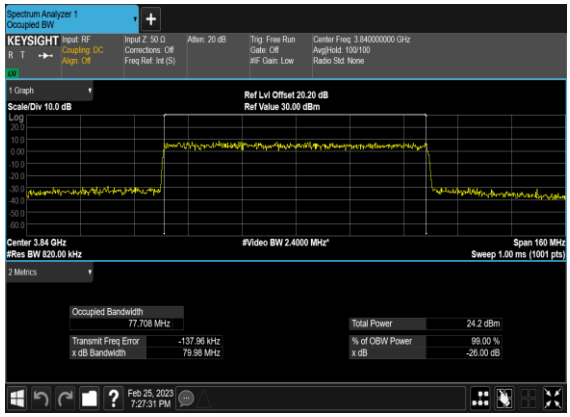
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



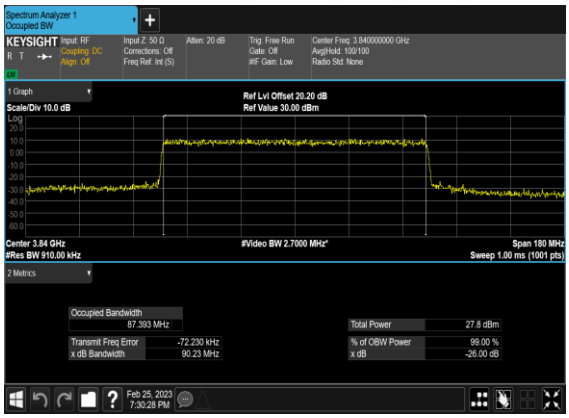
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



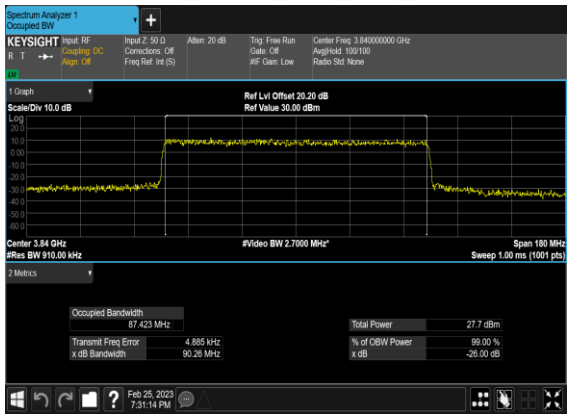
N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



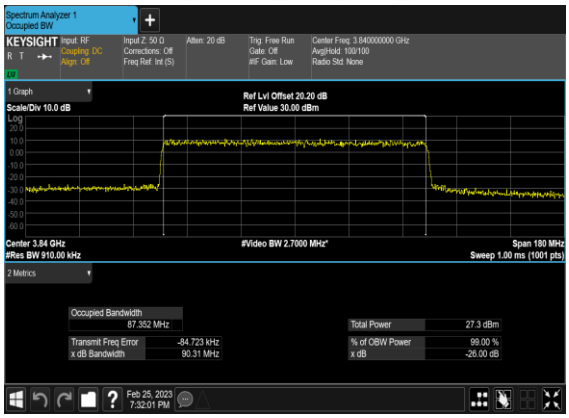
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



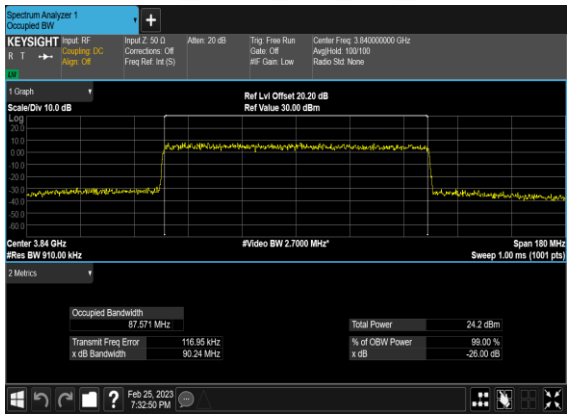
N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

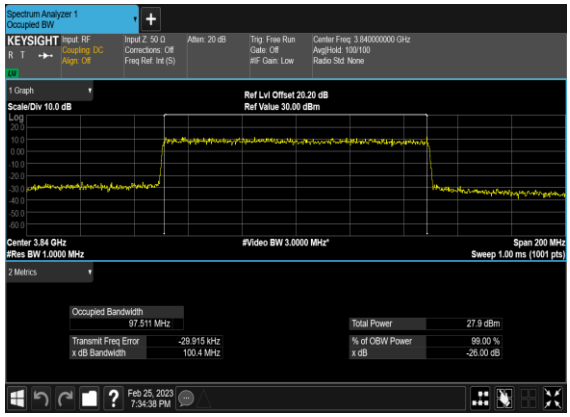


N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



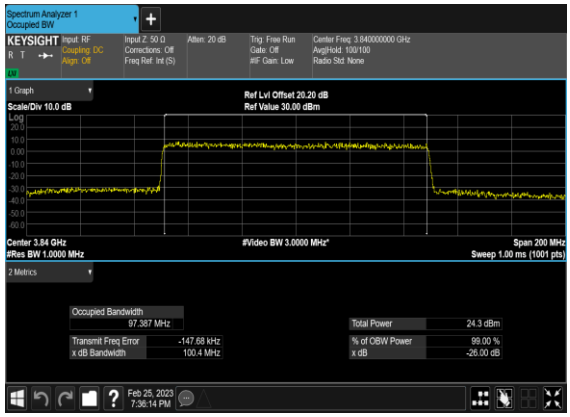
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



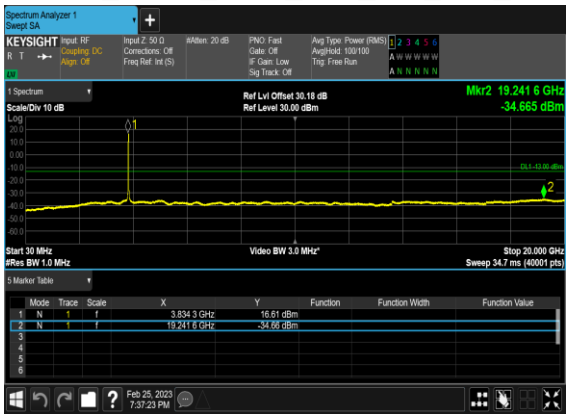
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3840.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	20	647334	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	647334	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	20	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	20	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	**---**
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	**---**
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	**---**

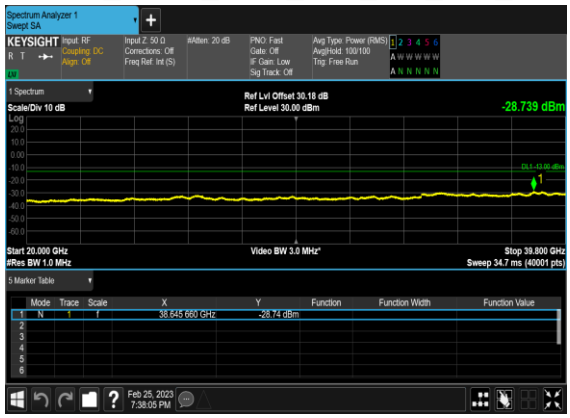
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	**---**
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**

77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**

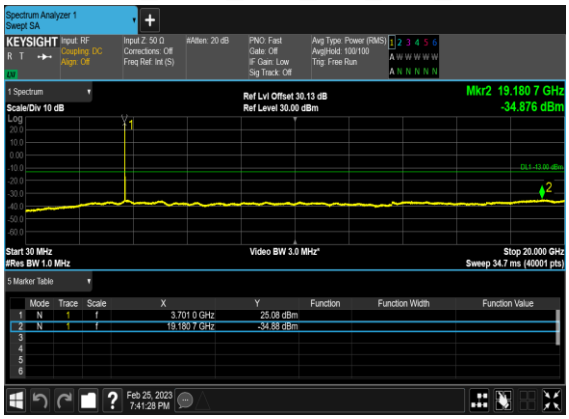
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



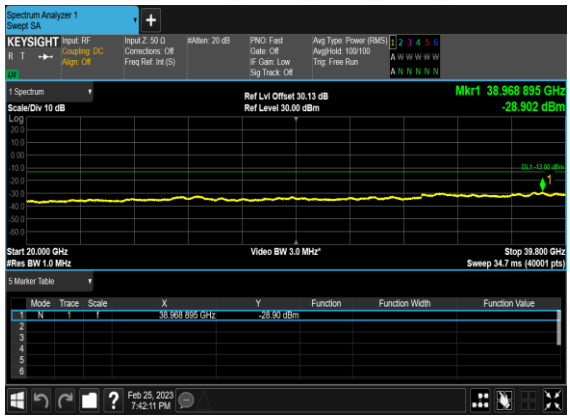
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



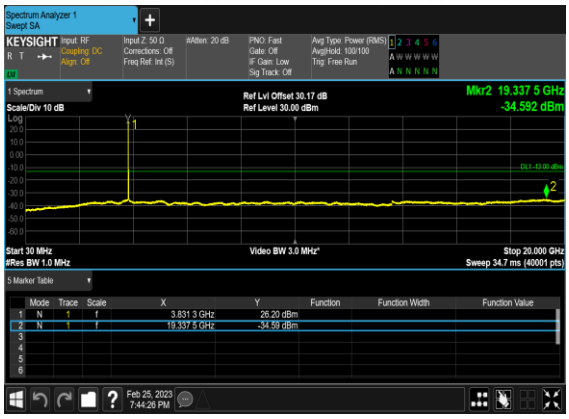
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



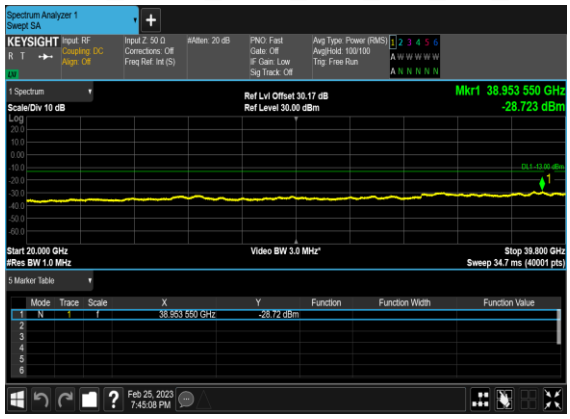
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



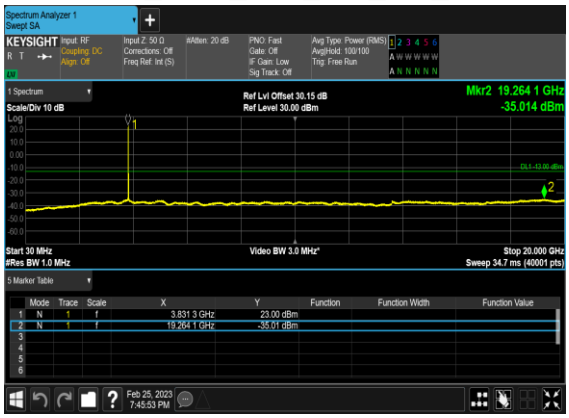
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



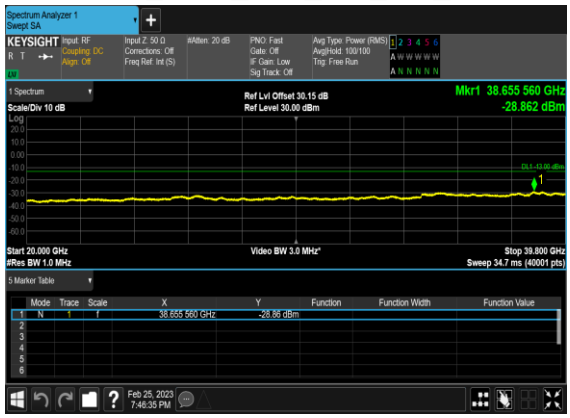
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



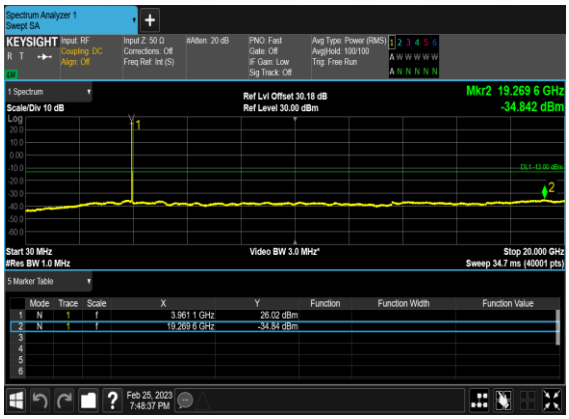
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



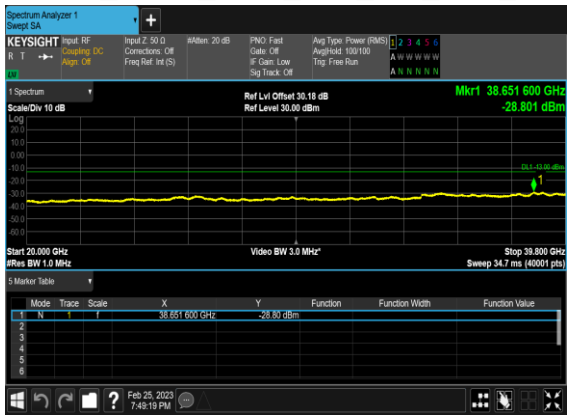
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



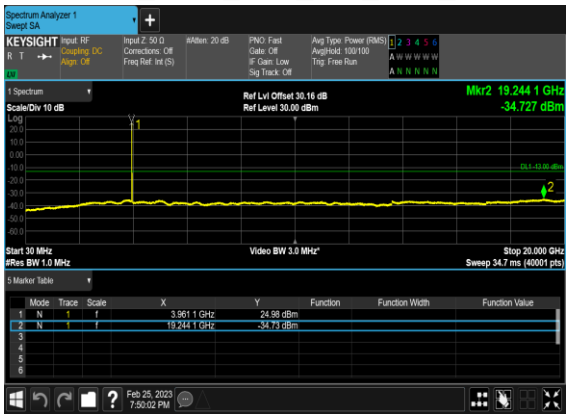
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



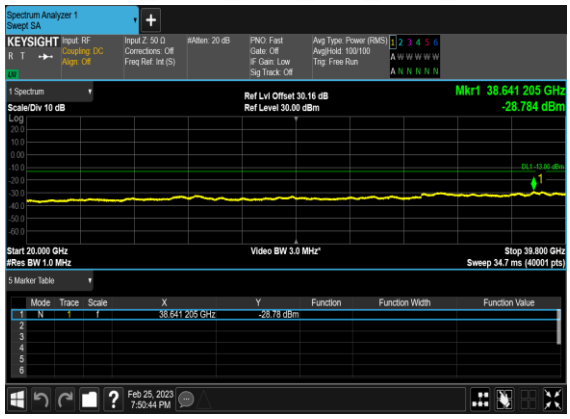
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



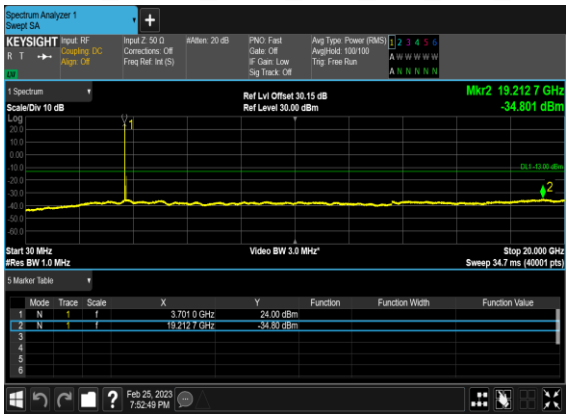
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



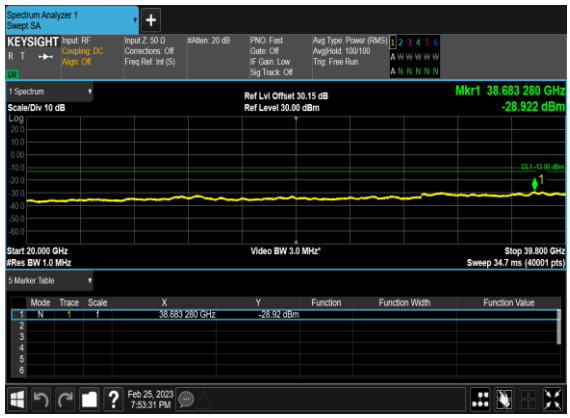
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



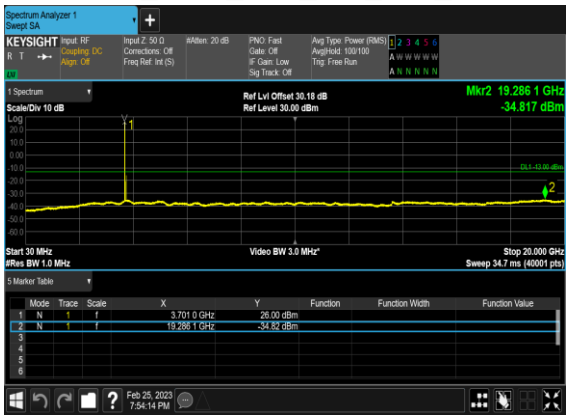
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



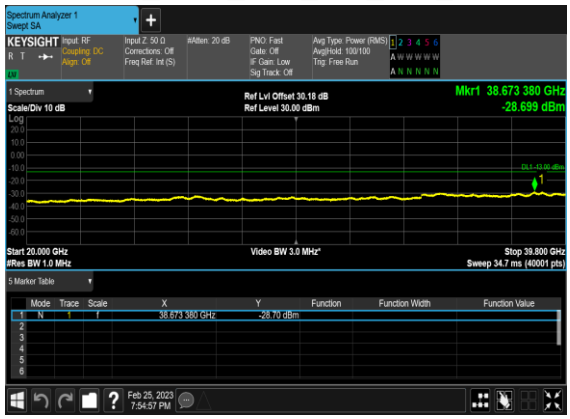
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



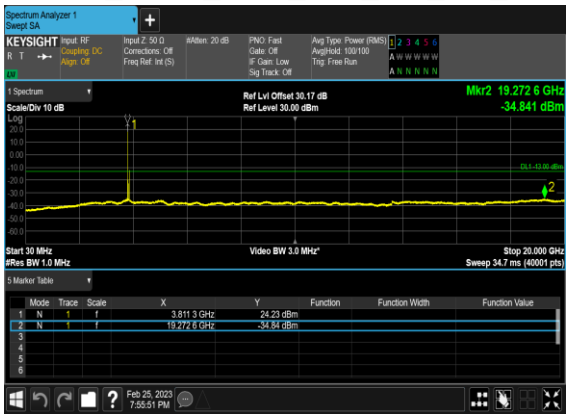
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



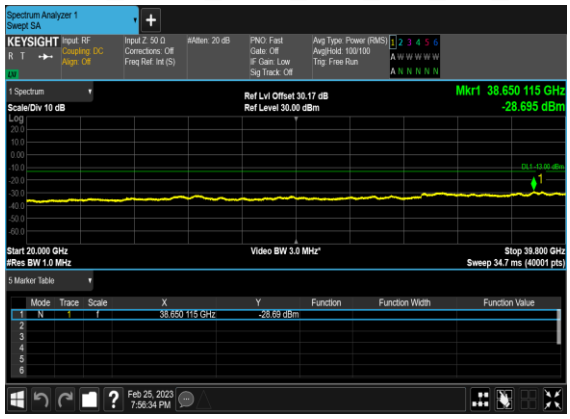
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



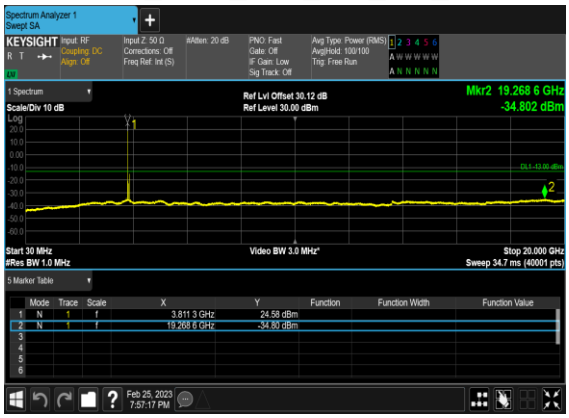
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



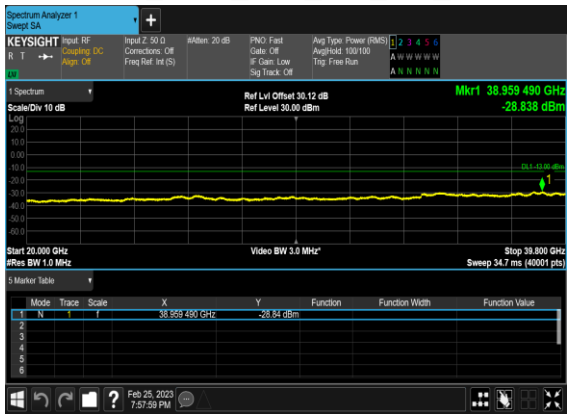
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



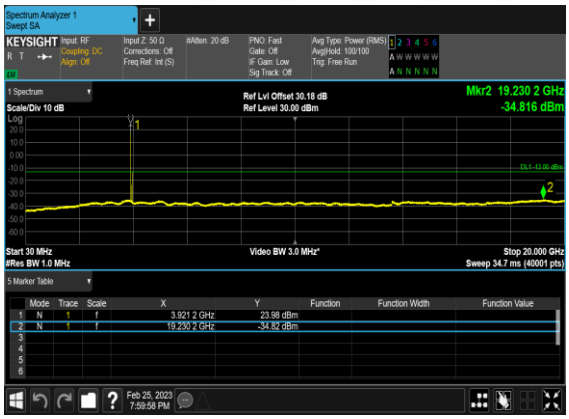
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



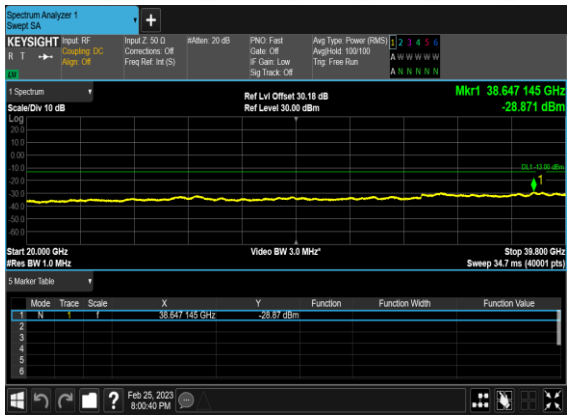
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



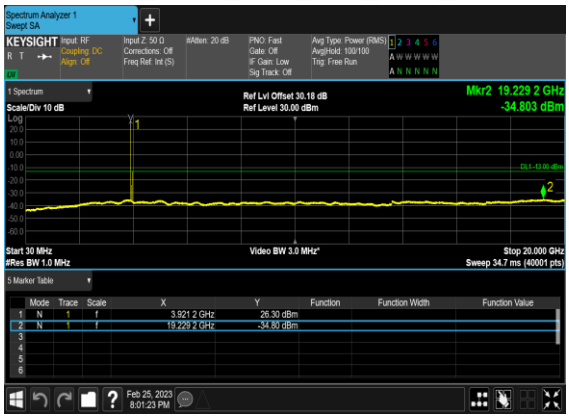
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



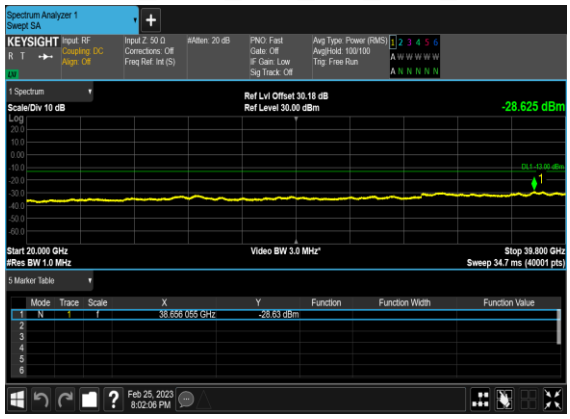
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



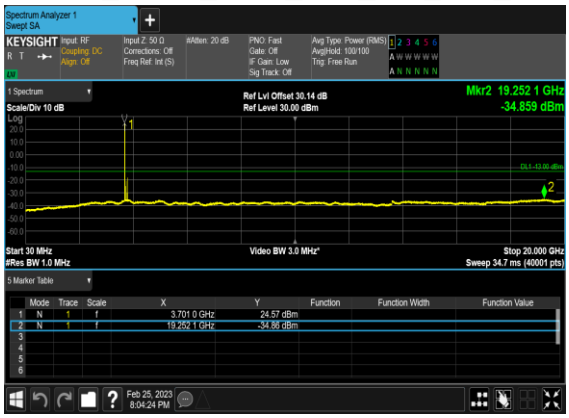
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



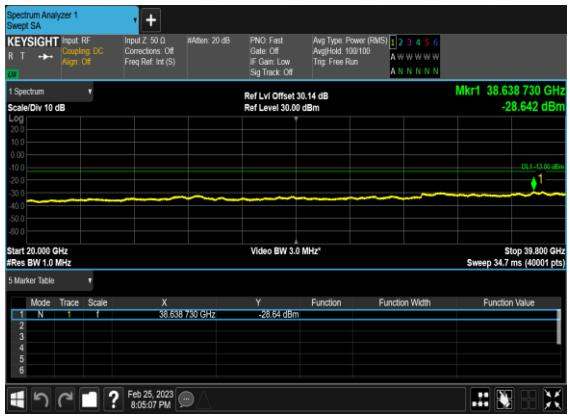
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



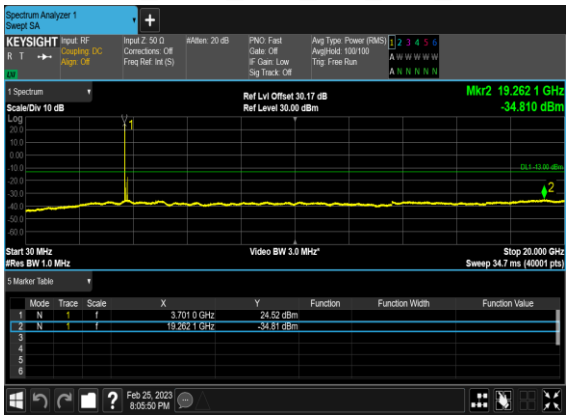
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



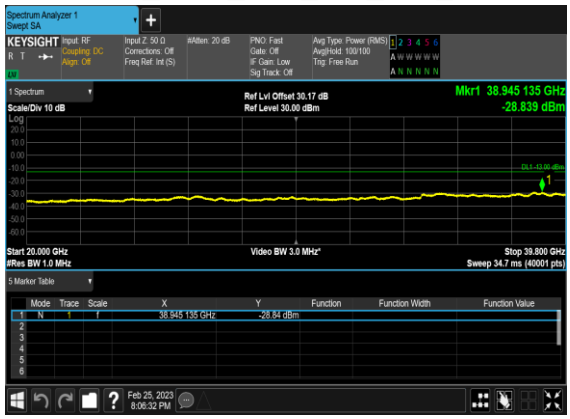
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



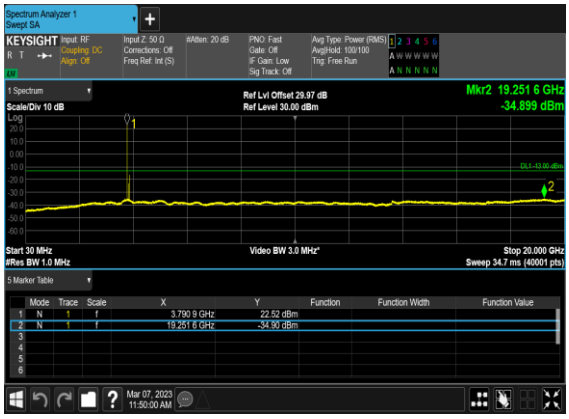
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



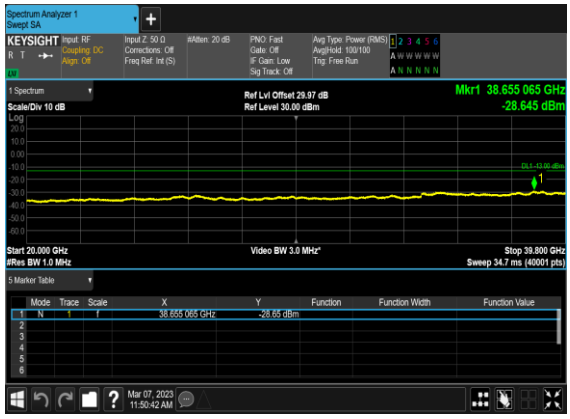
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



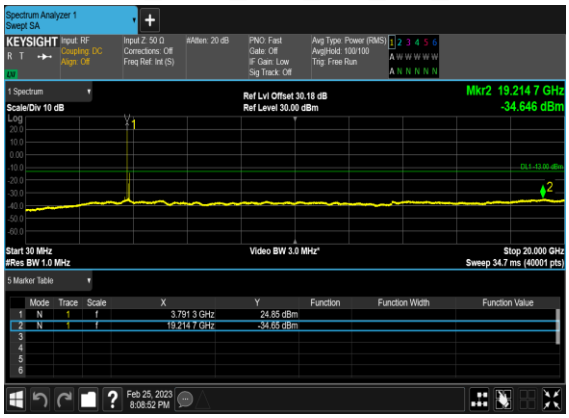
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



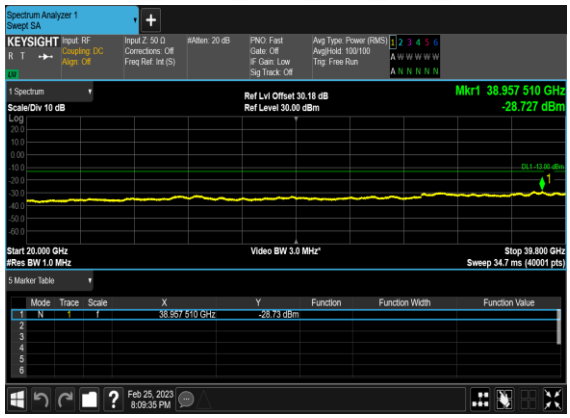
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



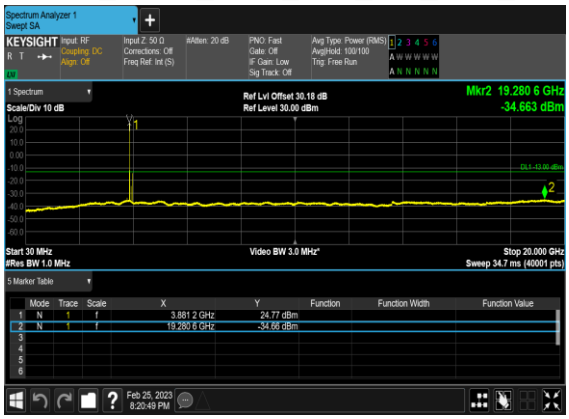
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



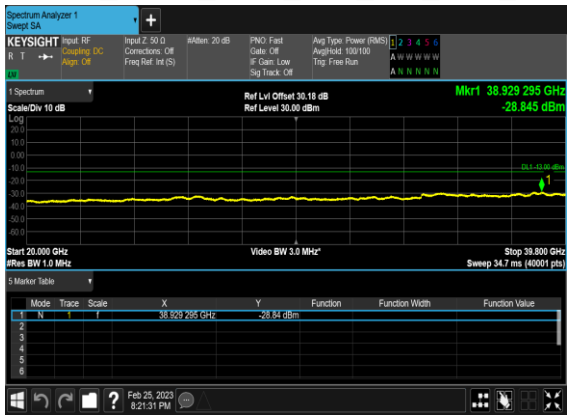
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



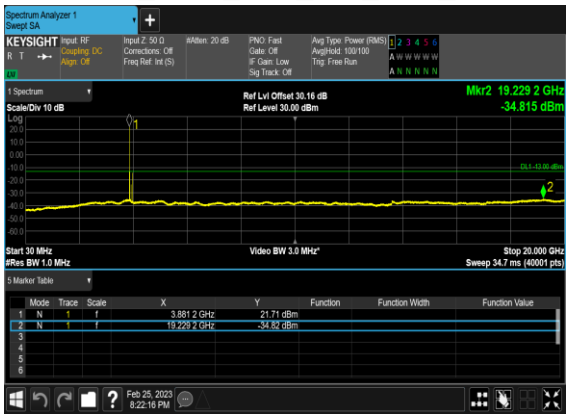
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



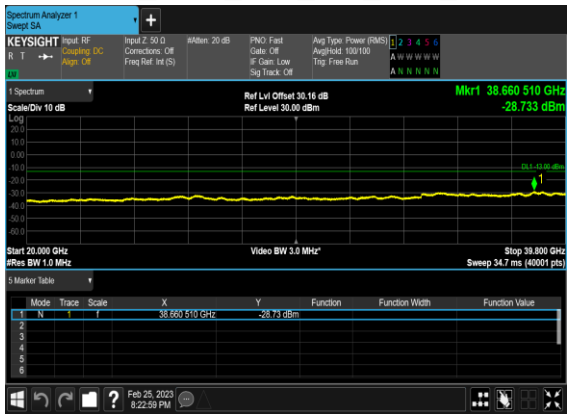
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



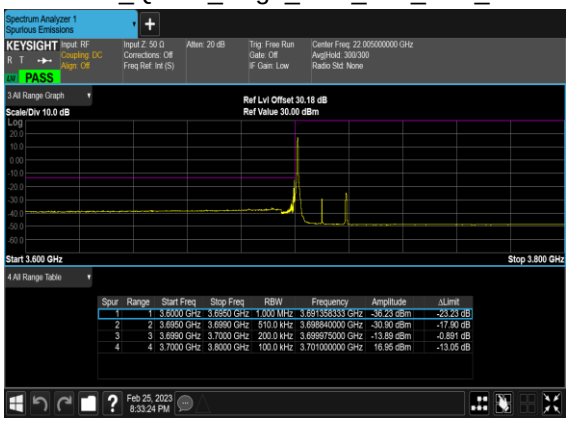
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



Conducted Band Edge

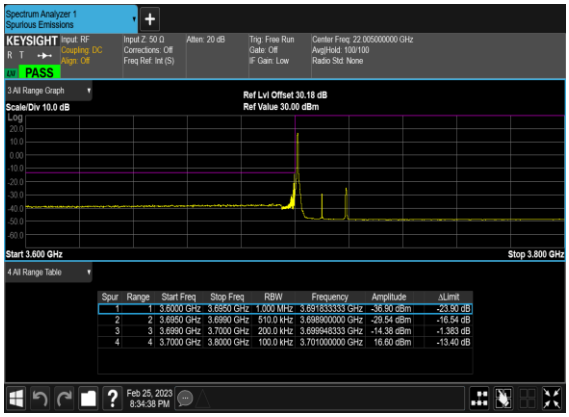
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	20	647334	3710.01	CP-OFDM QPSK	51@0	see graph	**PASS**
77	30	20	647334	3710.01	CP-OFDM 16 QAM	51@0	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM QPSK	1@50	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@50	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM QPSK	51@0	see graph	**PASS**
77	30	20	664666	3969.99	CP-OFDM 16 QAM	51@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM QPSK	162@0	see graph	**PASS**
77	30	60	648668	3730.02	CP-OFDM 16 QAM	162@0	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM QPSK	1@161	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@161	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM QPSK	162@0	see graph	**PASS**
77	30	60	663332	3949.98	CP-OFDM 16 QAM	162@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM QPSK	273@0	see graph	**PASS**
77	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM QPSK	1@272	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@272	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM QPSK	273@0	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM 16 QAM	273@0	see graph	**PASS**

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

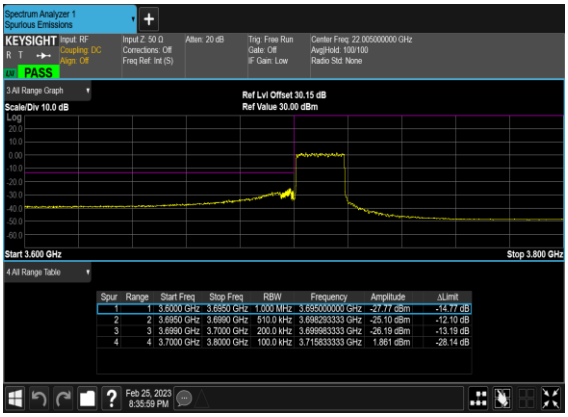


N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

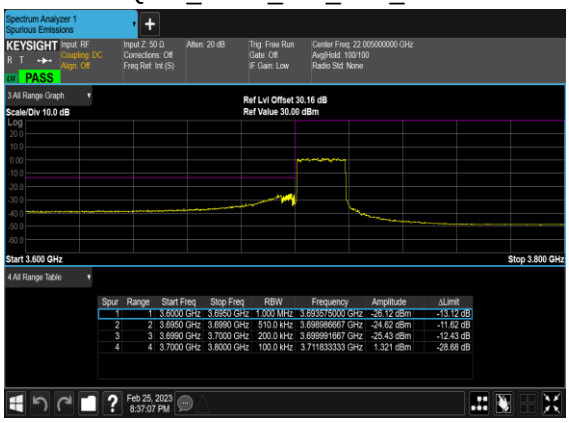
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



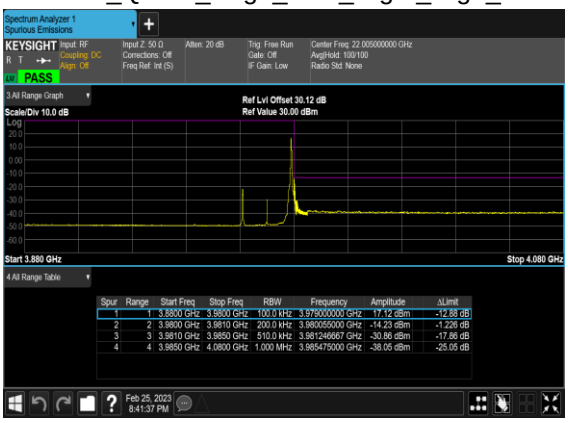
N77(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH



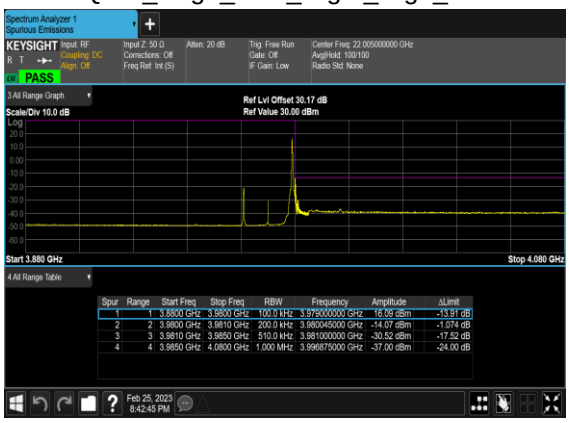
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



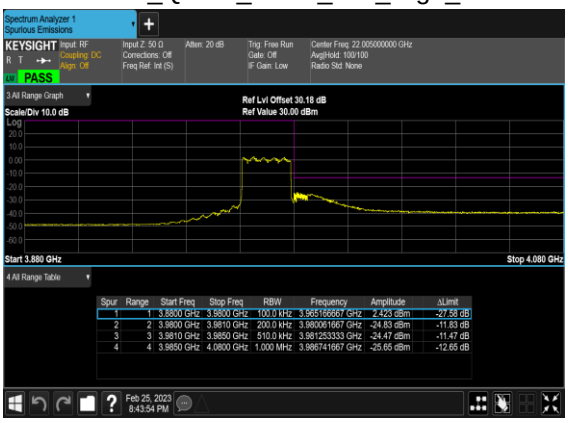
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



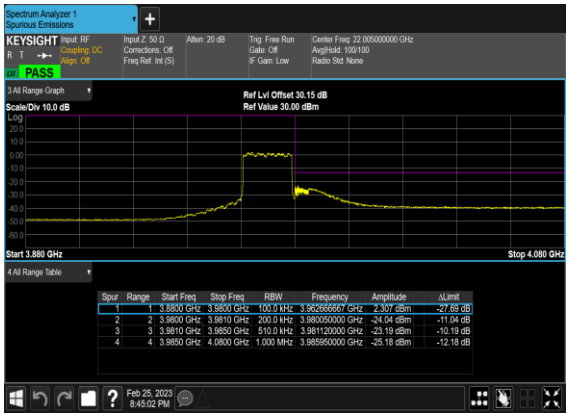
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



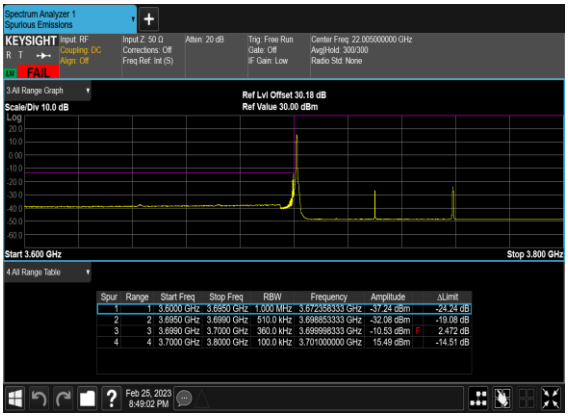
N77(20M)_CP-OFDM_QPSK_Outer_Full_High_CH



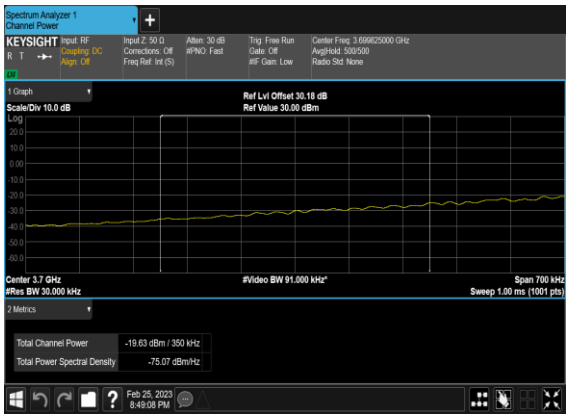
N77(20M)_CP-OFDM_16 QAM_Outer_Full_High_CH



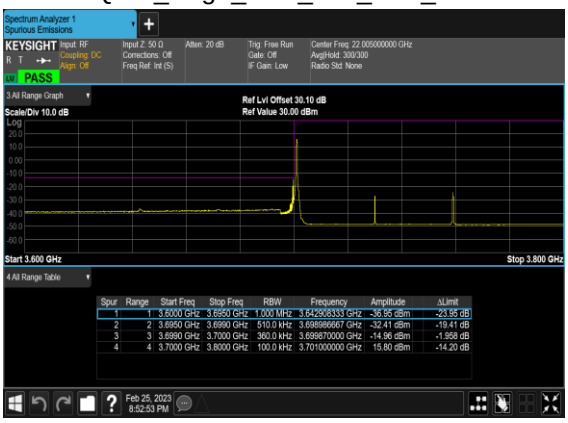
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



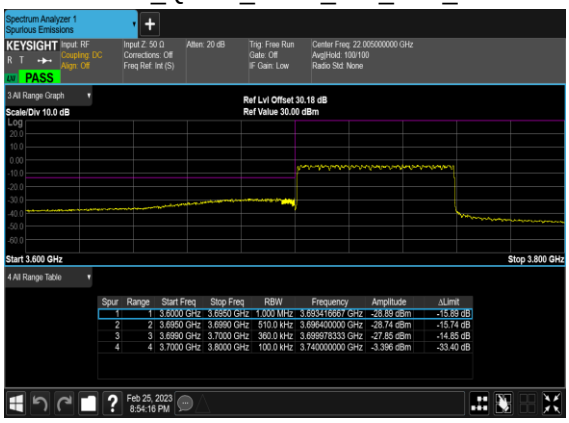
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



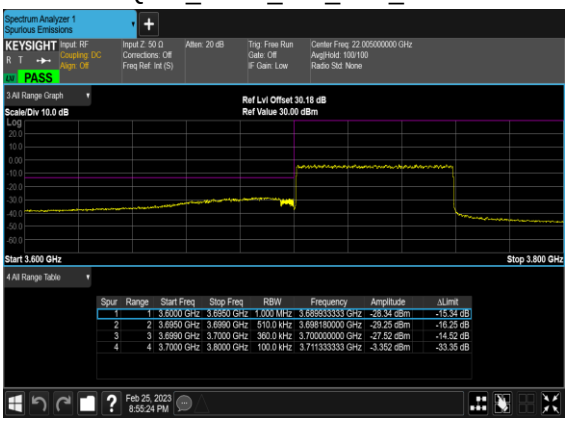
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N77(60M)_CP-OFDM_QPSK_Outer_Full_Low_CH

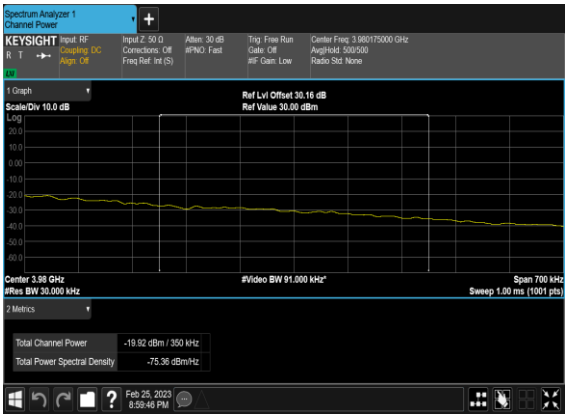


N77(60M)_CP-OFDM_16QAM_Outer_Full_Low_CH

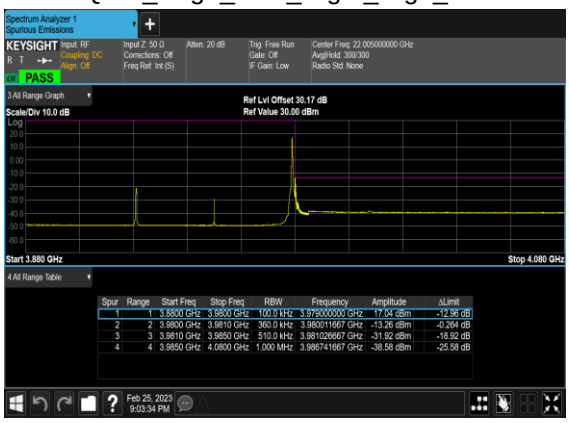
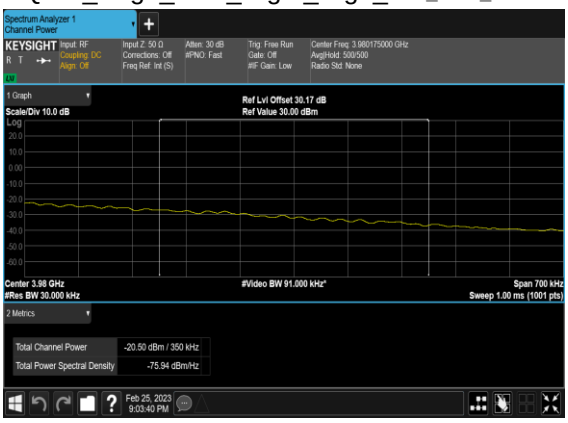


N77(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



N77(60M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



N77(60M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH_**CHP_PASS**