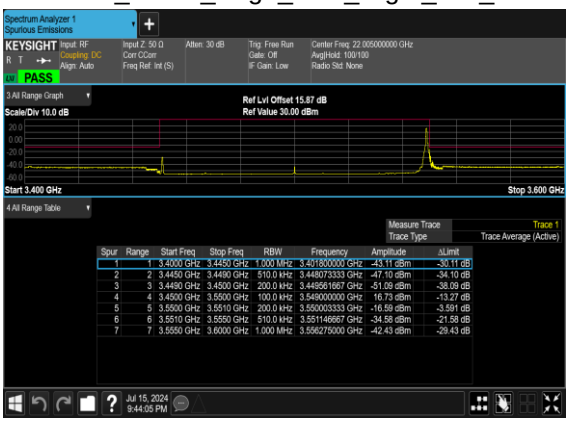
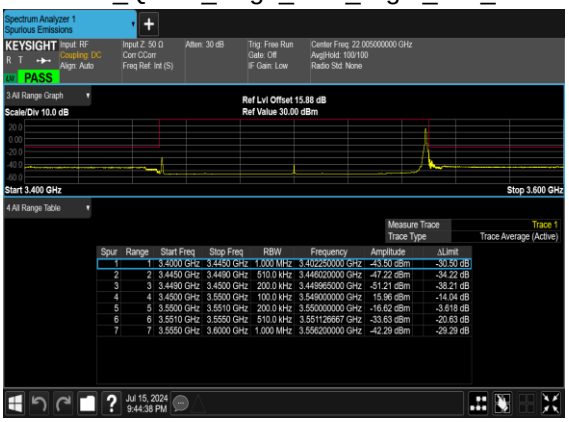
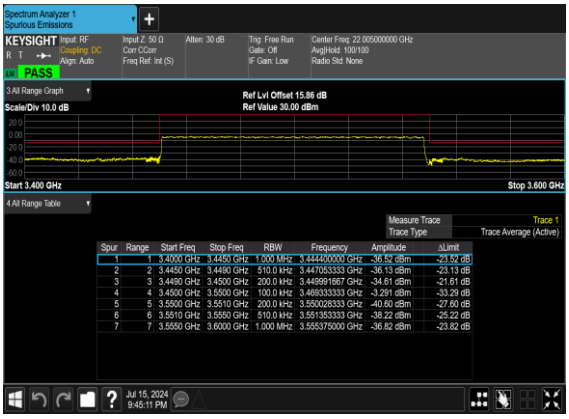
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



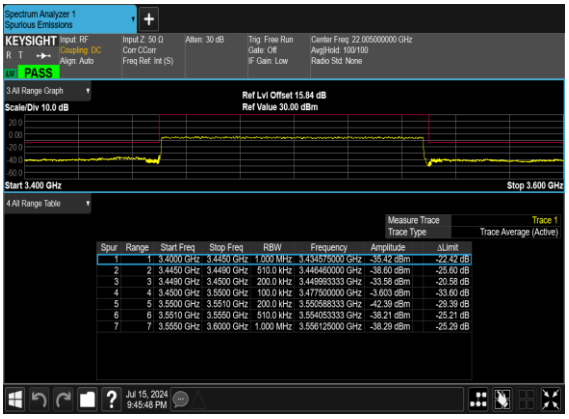
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 23.06.1602

FR1 N77 MIMO-ANT4+6

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=3.25dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	CP-OFDM QPSK	1@1	20.55	21.75	24.20	27.45	0.5559
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	20.12	21.07	23.63	26.88	0.4875
77	30	10	633334	3500.01	CP-OFDM QPSK	1@1	20.51	21.6	24.10	27.35	0.5433
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	20.11	20.88	23.52	26.77	0.4753
77	30	10	636332	3544.98	CP-OFDM QPSK	1@1	20.65	21.16	23.92	27.17	0.5212
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	20.18	20.53	23.37	26.62	0.4592
77	30	15	630500	3457.5	CP-OFDM QPSK	1@1	20.83	21.62	24.25	27.5	0.5623
77	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	20.47	21.29	23.91	27.16	0.5200
77	30	15	633334	3500.01	CP-OFDM QPSK	1@1	20.62	21.68	24.19	27.44	0.5546
77	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	20.22	21.05	23.67	26.92	0.4920
77	30	15	636166	3542.49	CP-OFDM QPSK	1@1	20.79	21.34	24.08	27.33	0.5408
77	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	20.31	20.66	23.50	26.75	0.4732
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	20.83	21.58	24.23	27.48	0.5598
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	20.48	21.36	23.95	27.2	0.5248
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	20.56	21.67	24.16	27.41	0.5508
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.2	21	23.63	26.88	0.4875
77	30	20	636000	3540	CP-OFDM QPSK	1@1	20.71	21.43	24.10	27.35	0.5433
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	20.34	20.68	23.52	26.77	0.4753
77	30	30	631000	3465	CP-OFDM QPSK	1@1	20.78	21.6	24.22	27.47	0.5585
77	30	30	631000	3465	CP-OFDM 16 QAM	1@1	20.33	21.35	23.88	27.13	0.5164
77	30	30	633334	3500.01	CP-OFDM QPSK	1@1	20.75	21.65	24.23	27.48	0.5598
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	20.34	21.09	23.74	26.99	0.5000
77	30	30	635666	3534.99	CP-OFDM QPSK	1@1	20.89	21.57	24.25	27.5	0.5623
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	20.45	21.01	23.75	27	0.5012
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	20.84	21.51	24.20	27.45	0.5559
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	20.53	21.43	24.01	27.26	0.5321
77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	20.77	21.59	24.21	27.46	0.5572
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	20.39	21.25	23.85	27.1	0.5129
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	20.86	21.51	24.21	27.46	0.5572
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	20.41	20.95	23.70	26.95	0.4955
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	20.74	21.33	24.06	27.31	0.5383
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.25	21.22	23.77	27.02	0.5035
77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	20.62	21.75	24.23	27.48	0.5598
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	20.14	21	23.60	26.85	0.4842
77	30	50	635000	3525	CP-OFDM QPSK	1@1	20.53	21.42	24.01	27.26	0.5321
77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	20.09	20.71	23.42	26.67	0.4645

77	30	60	632000	3480	CP-OFDM QPSK	1@1	20.75	21.37	24.08	27.33	0.5408
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	20.28	21.2	23.77	27.02	0.5035
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	20.6	21.79	24.25	27.5	0.5623
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	20.17	21.13	23.69	26.94	0.4943
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	20.6	21.48	24.07	27.32	0.5395
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	20.18	20.78	23.50	26.75	0.4732
77	30	70	632334	3485.01	CP-OFDM QPSK	1@1	20.54	21.77	24.21	27.46	0.5572
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	20.04	20.96	23.53	26.78	0.4764
77	30	70	633334	3500.01	CP-OFDM QPSK	1@1	20.47	21.59	24.08	27.33	0.5408
77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	20.06	20.92	23.52	26.77	0.4753
77	30	70	634332	3514.98	CP-OFDM QPSK	1@1	20.44	21.54	24.04	27.29	0.5358
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	20.05	20.87	23.49	26.74	0.4721
77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	20.54	21.79	24.22	27.47	0.5585
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.08	21	23.57	26.82	0.4808
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	20.46	21.73	24.15	27.4	0.5495
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	19.98	21.01	23.54	26.79	0.4775
77	30	80	634000	3510	CP-OFDM QPSK	1@1	20.46	21.57	24.06	27.31	0.5383
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20.06	20.86	23.49	26.74	0.4721
77	30	90	633000	3495	CP-OFDM QPSK	1@1	20.56	21.73	24.19	27.44	0.5546
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.06	20.96	23.54	26.79	0.4775
77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	20.45	21.67	24.11	27.36	0.5445
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	20.03	21.01	23.56	26.81	0.4797
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	20.8	21.72	24.29	27.54	0.5675
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	20.12	21	23.59	26.84	0.4831
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	20.45	21.23	23.87	27.12	0.5152
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	20.49	21.67	24.13	27.38	0.5470
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	20.58	20.88	23.74	26.99	0.5000
77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	19.97	20.75	23.39	26.64	0.4613
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	20.05	20.99	23.56	26.81	0.4797
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	20.19	20.21	23.21	26.46	0.4426
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	18.48	19.28	21.91	25.16	0.3281
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	18.63	19.55	22.12	25.37	0.3443
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	18.6	18.67	21.65	24.9	0.3090
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	18.5	19.32	21.94	25.19	0.3304
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	15.52	16.81	19.22	22.47	0.1766
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	15.6	15.9	18.76	22.01	0.1589

FR1 N77 MIMO-ANT4

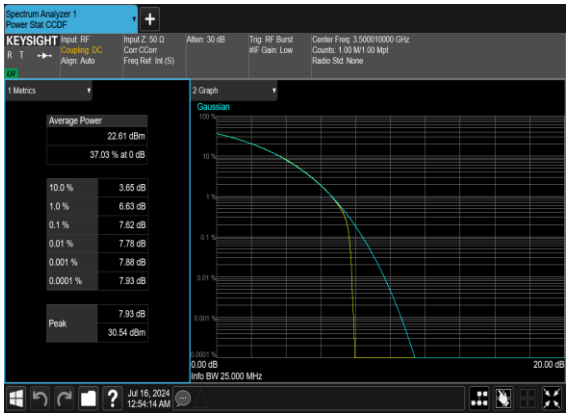
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0055	**PASS**	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0042	**PASS**	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0037	**PASS**	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0053	**PASS**	-30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0025	**PASS**	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0061	**PASS**	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0028	**PASS**	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0050	**PASS**	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0055	**PASS**	20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0033	**PASS**	30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0070	**PASS**	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0044	**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	633334	3500.01	CP-OFDM QPSK	51@0	7.62	13	**PASS**

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

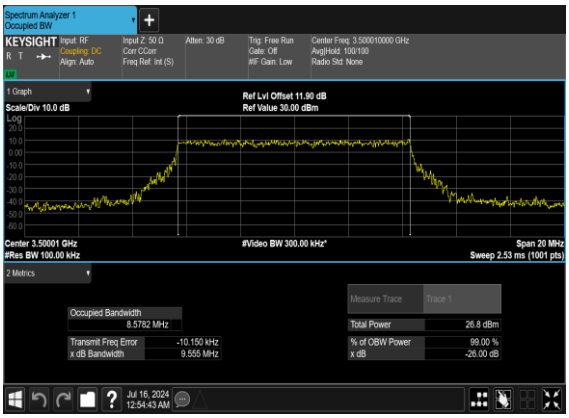


Occupied Bandwidth

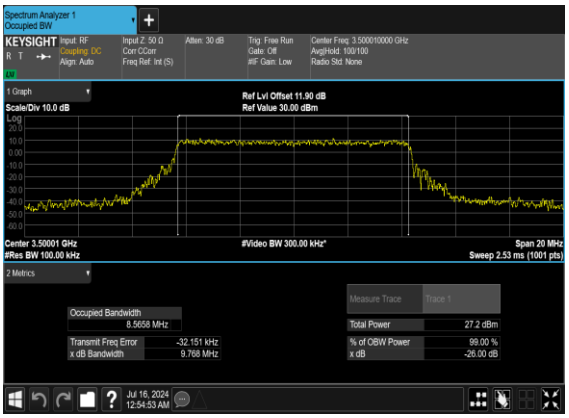
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5782	9.555
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5658	9.768
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5767	9.591
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.581	9.585
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.577	14.61
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.57	14.85
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.549	14.63
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.592	14.56
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.213	19.39
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.156	19.47
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.19	19.18
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.17	19.62
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.812	28.91
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.879	29.08
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.868	28.98
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.817	29.11
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.804	39.68
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.68	39.22
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.751	39.46
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.846	39.27
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.488	49.21
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.336	49.1
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.299	49.17
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.48	49.37
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.754	60.23

77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.704	59.88
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.686	59.66
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	58.045	60.09
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.512	69.75
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.469	70.15
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.435	69.87
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.253	69.91
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.256	79.93
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.255	80.1
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.357	80.03
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.285	79.94
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.442	90.36
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.511	90.13
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.411	90.26
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.516	90.39
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.274	100.7
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.465	100.6
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.441	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.326	100.4

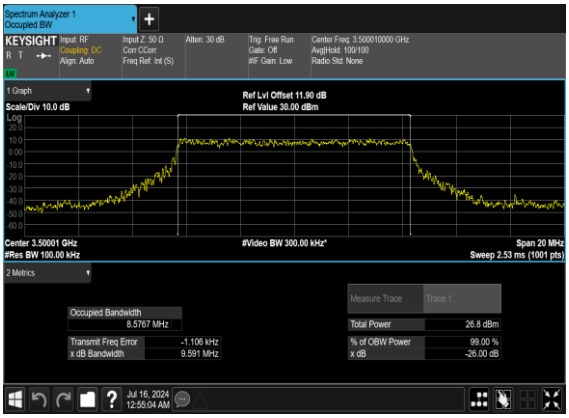
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



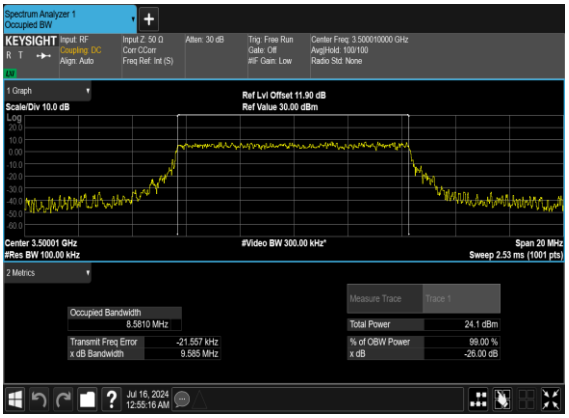
N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



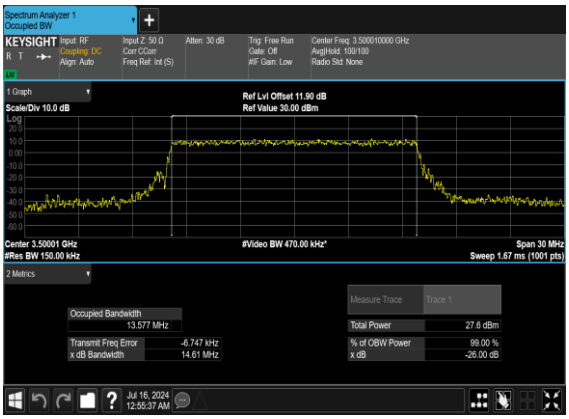
N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



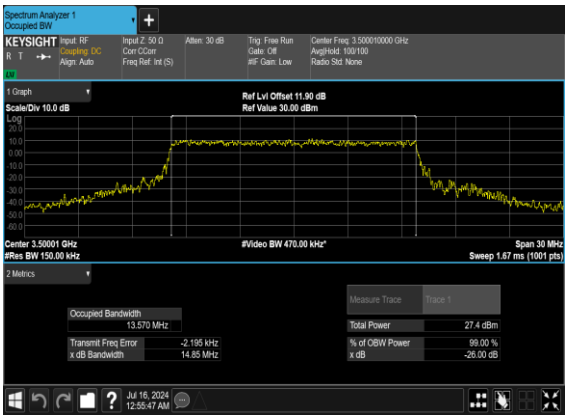
N77(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



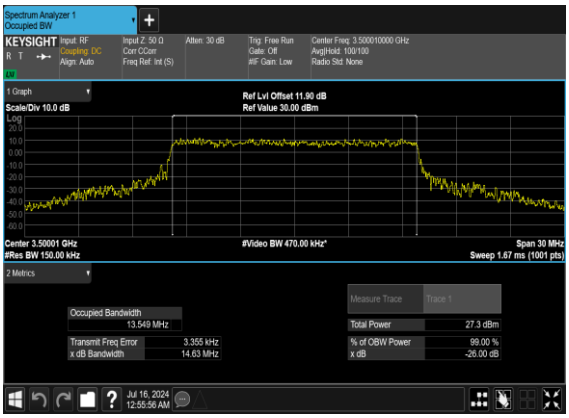
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

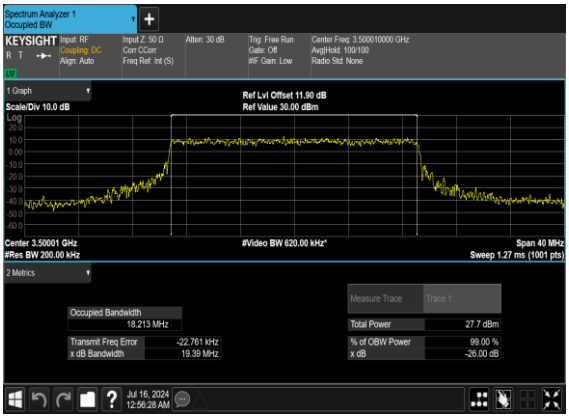


N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



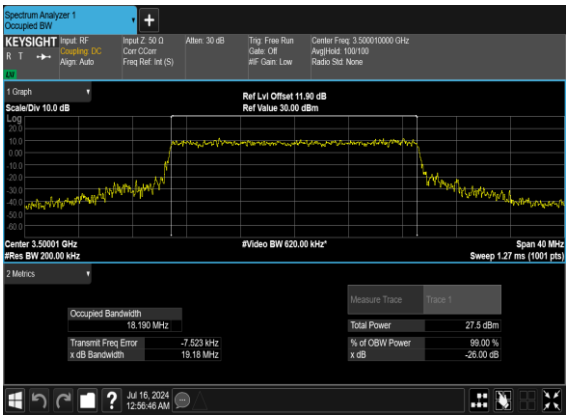
N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

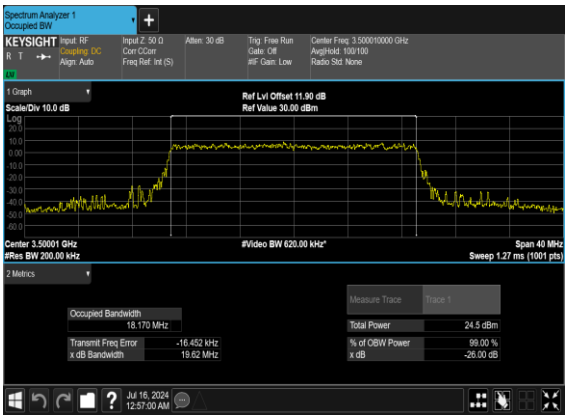


N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

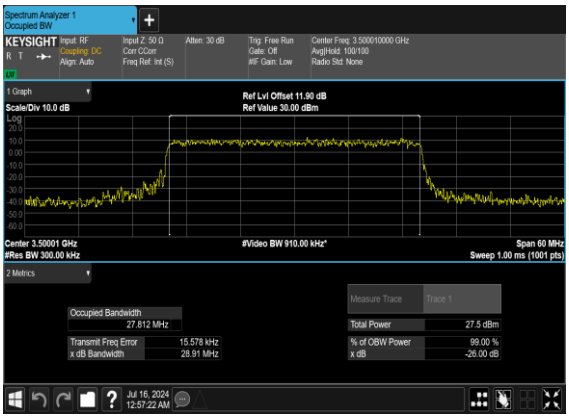
N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



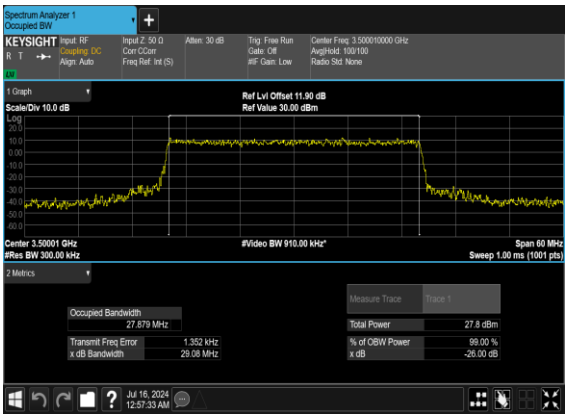
N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



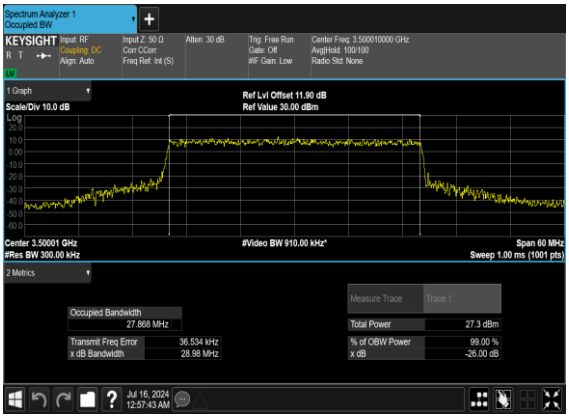
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



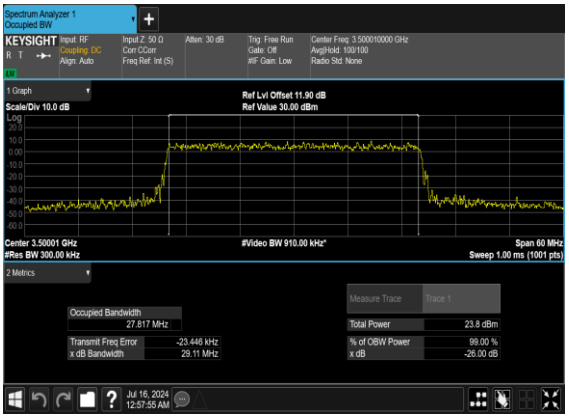
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



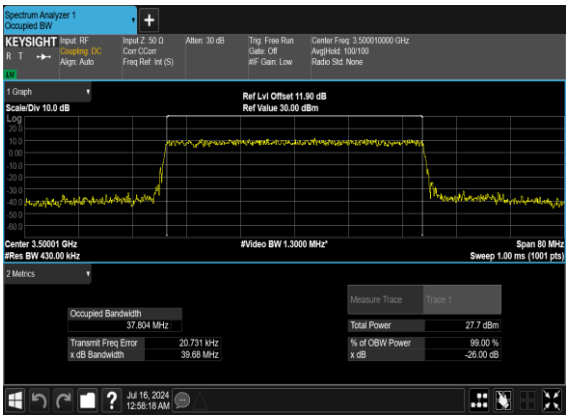
N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



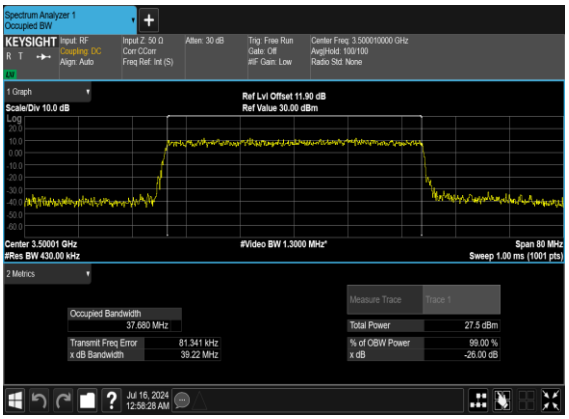
N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



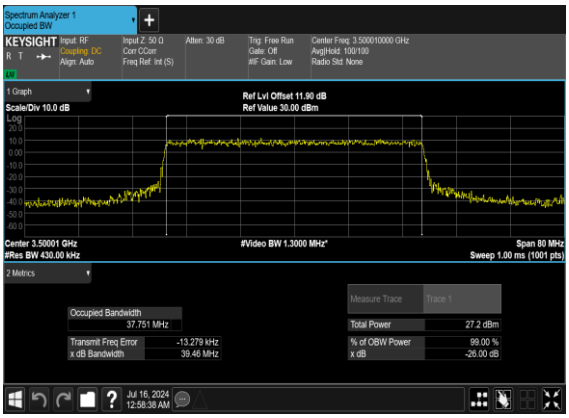
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

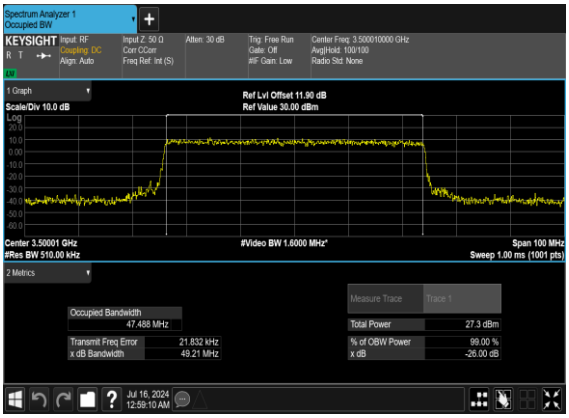


N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

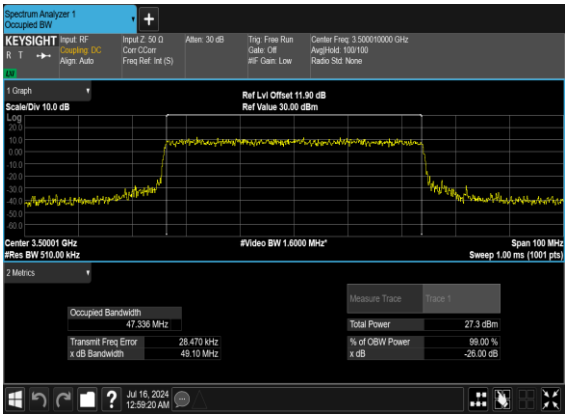


N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

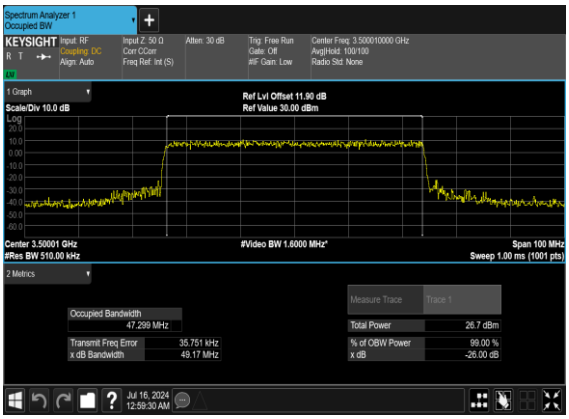
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



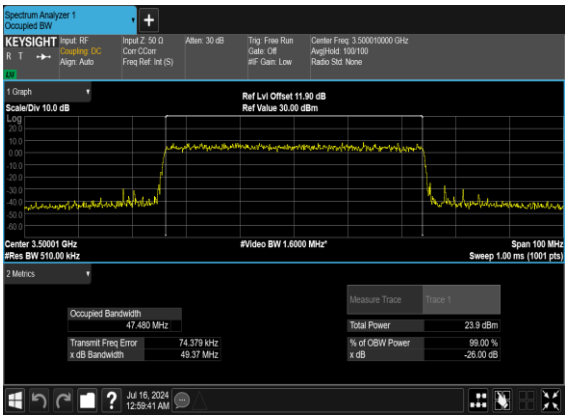
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

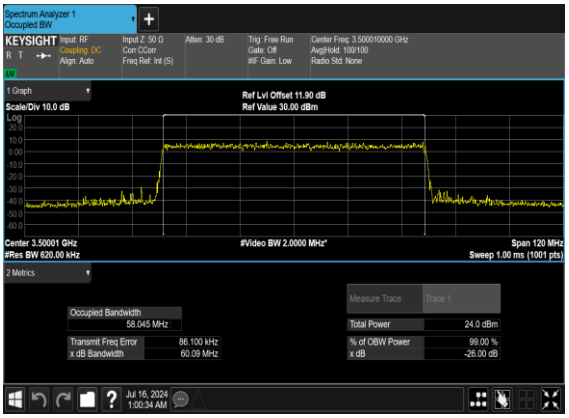


N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

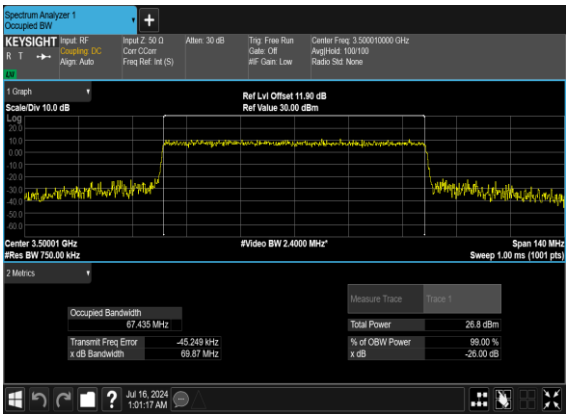
N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



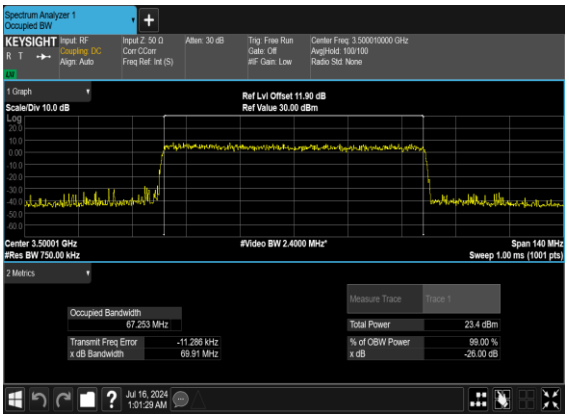
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

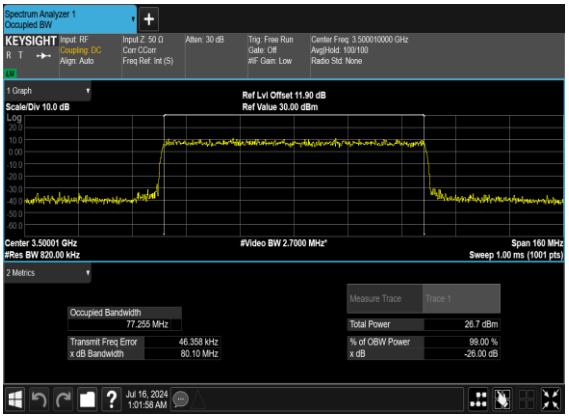


N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

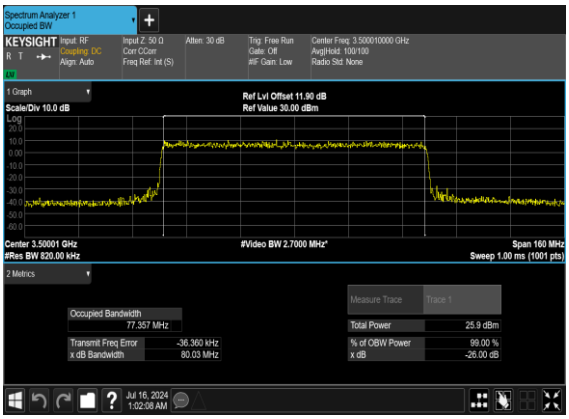


N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

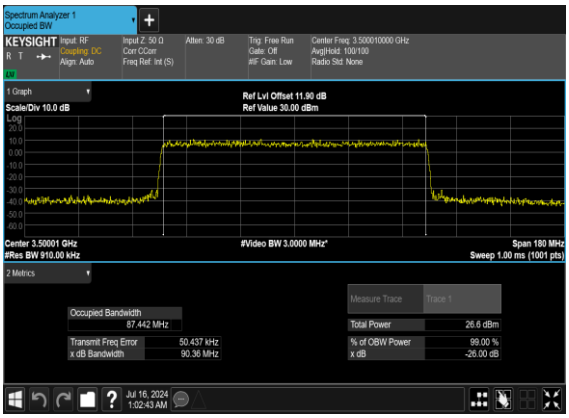


N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

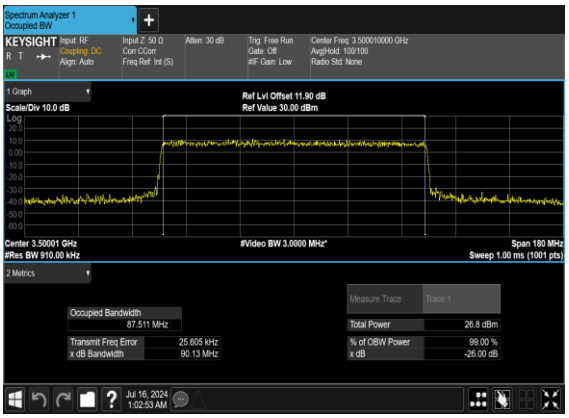


N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

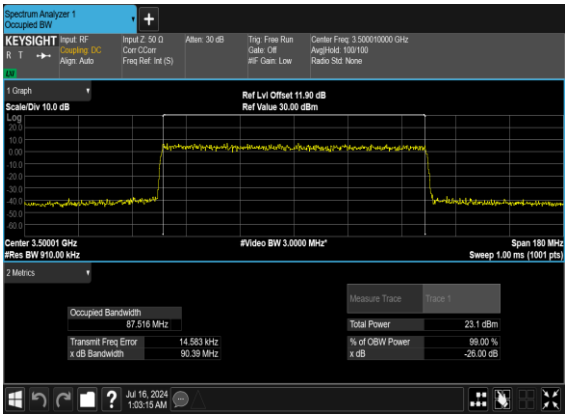


N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

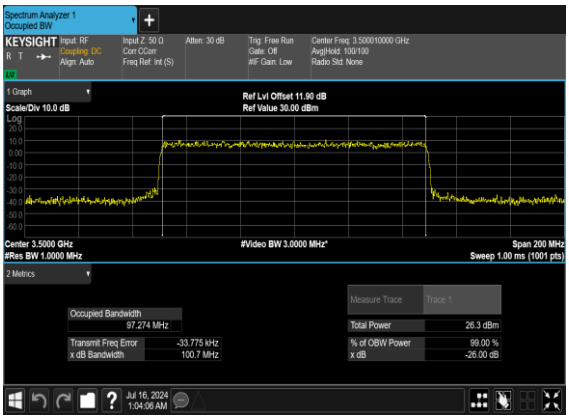


N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

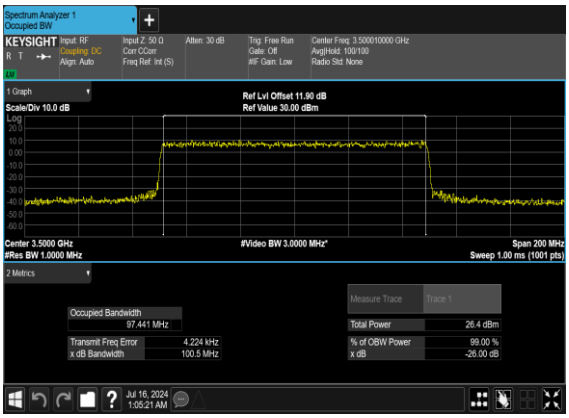


N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

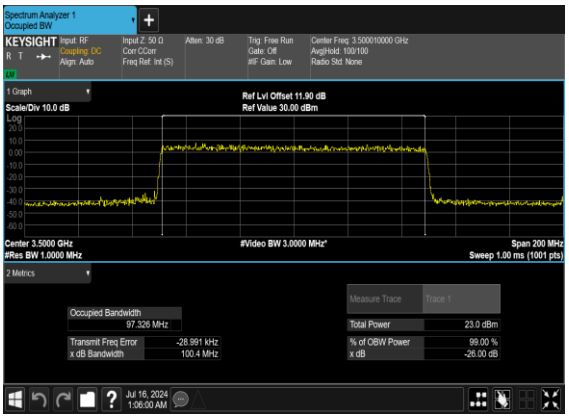


N77(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



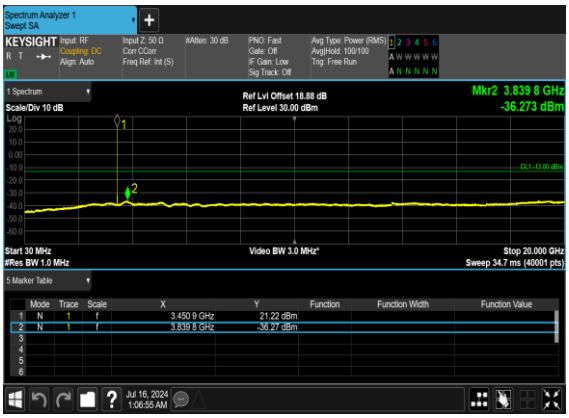
N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



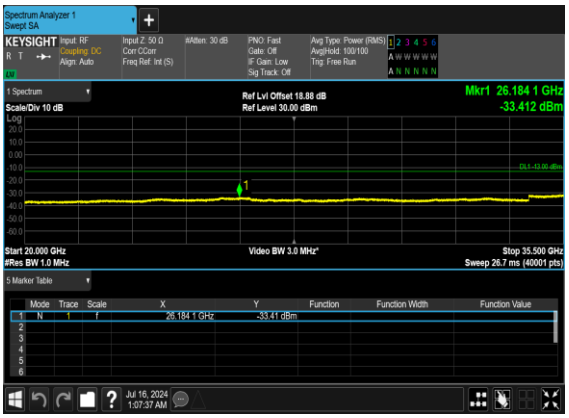
Conducted Spurious Emissions

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

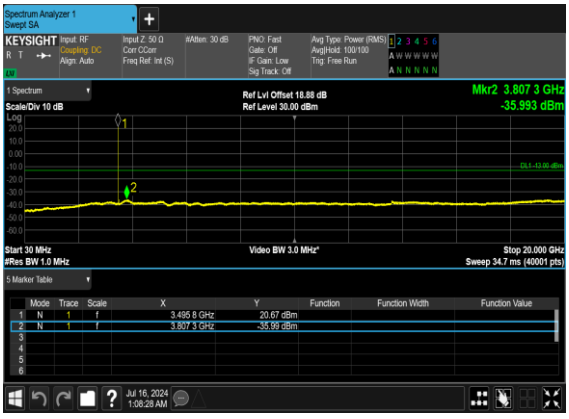
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



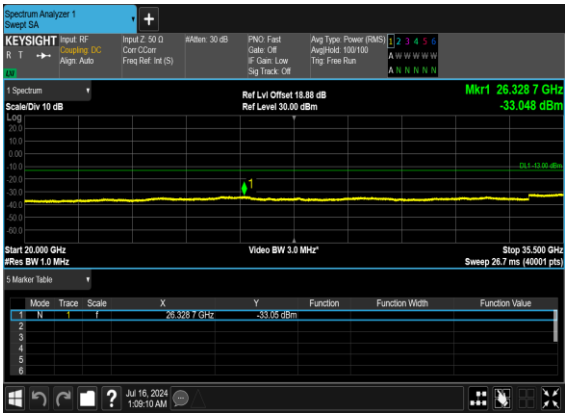
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



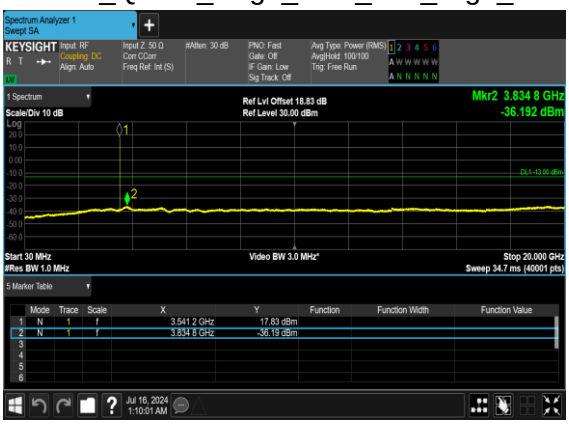
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



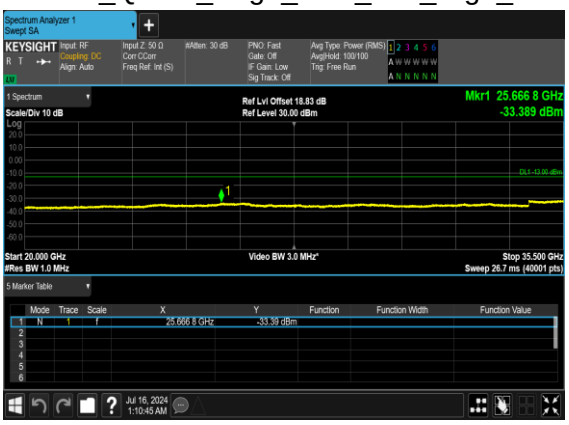
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



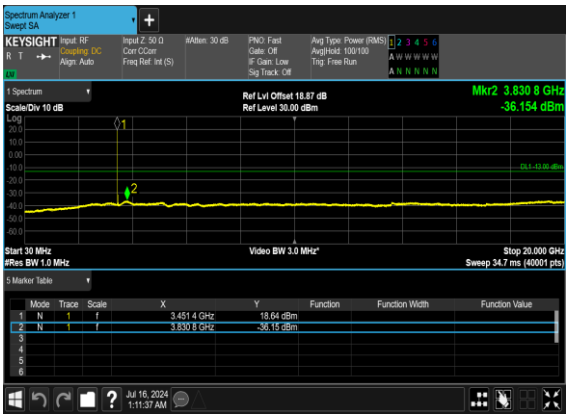
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



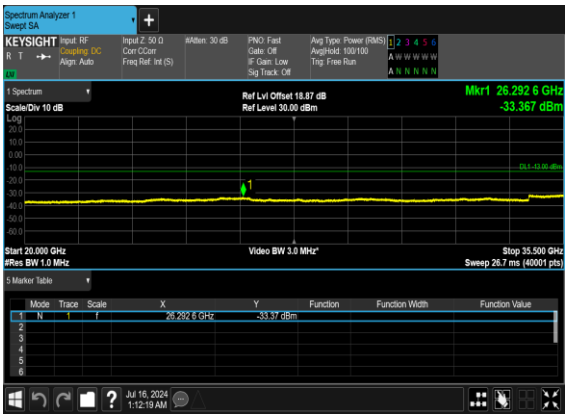
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



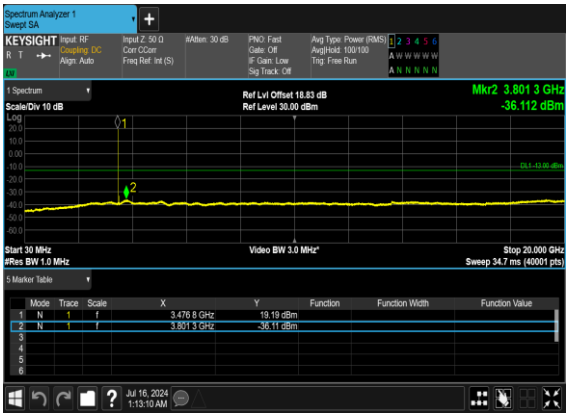
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



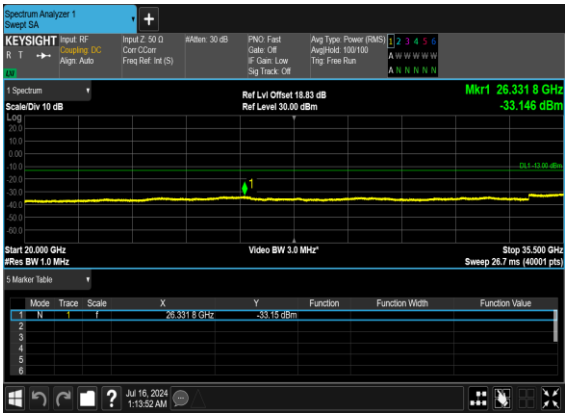
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



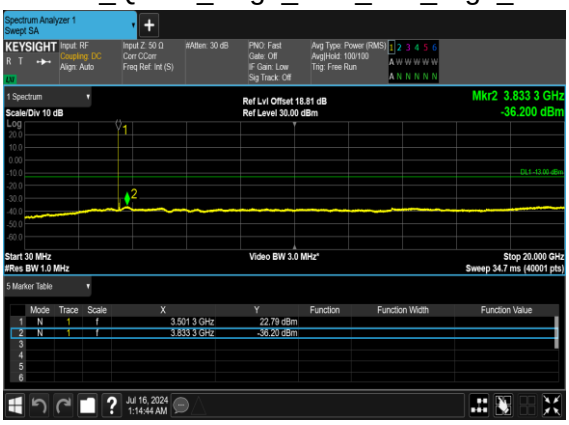
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



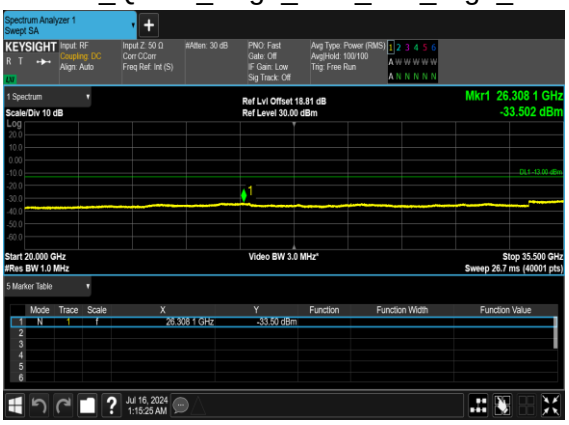
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



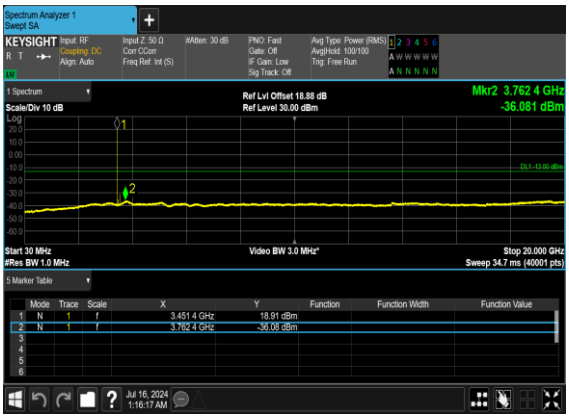
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



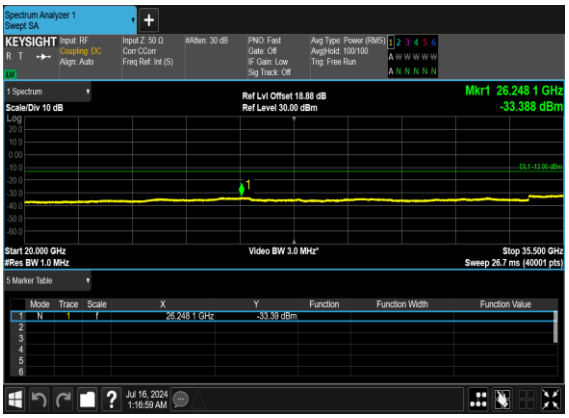
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



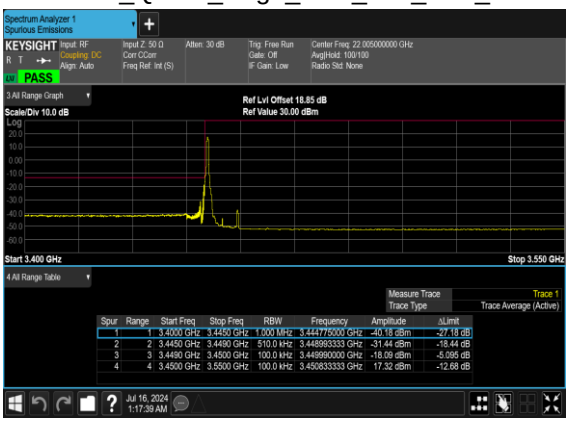
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



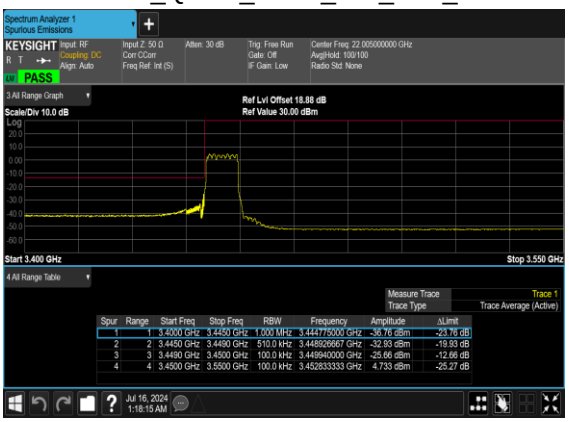
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	133@0	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@132	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	133@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	**PASS**

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



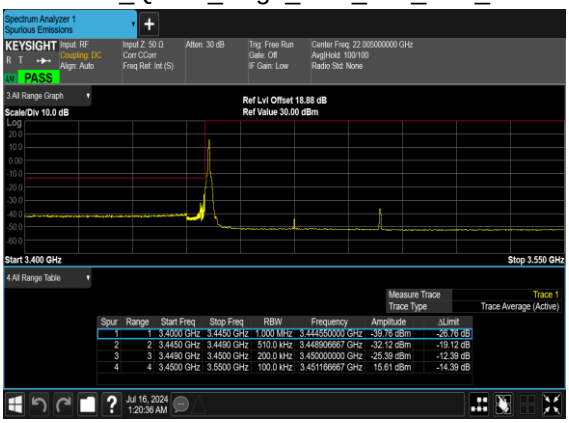
N77(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



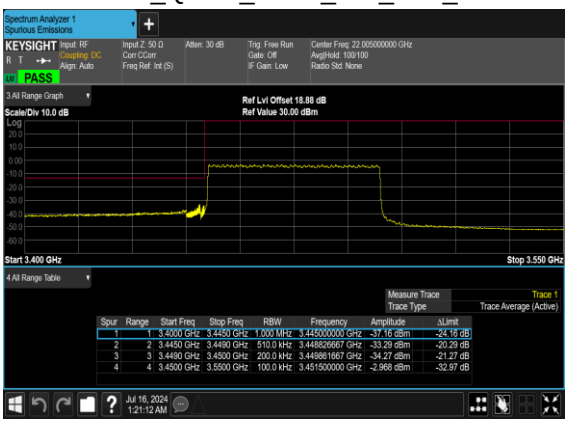
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH

N77(10M)_CP-OFDM_QPSK_Outer_Full_High_CH

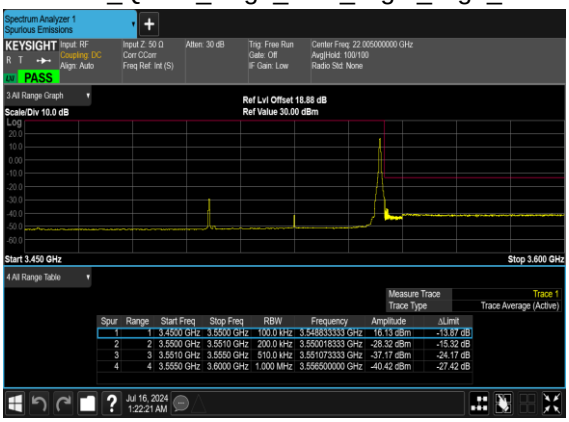
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



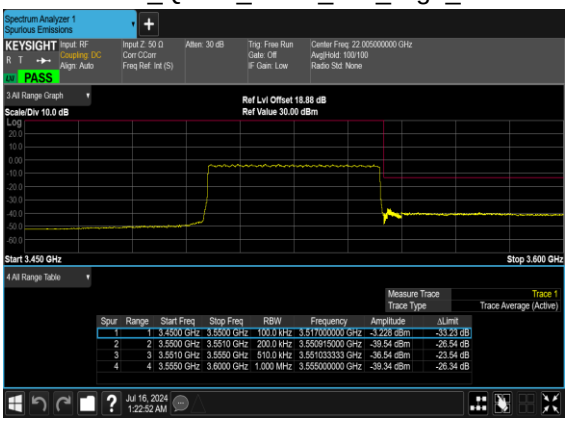
N77(50M)_CP-OFDM_QPSK_Outer_Full_Low_CH



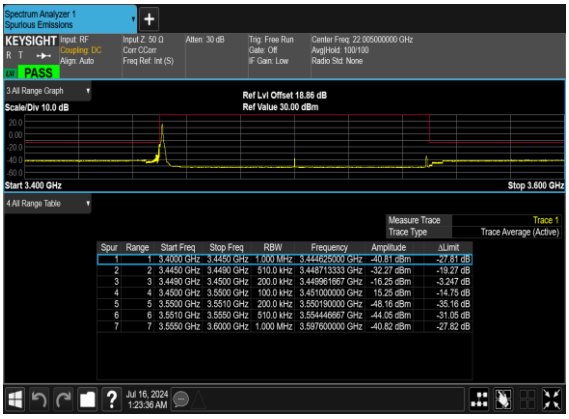
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



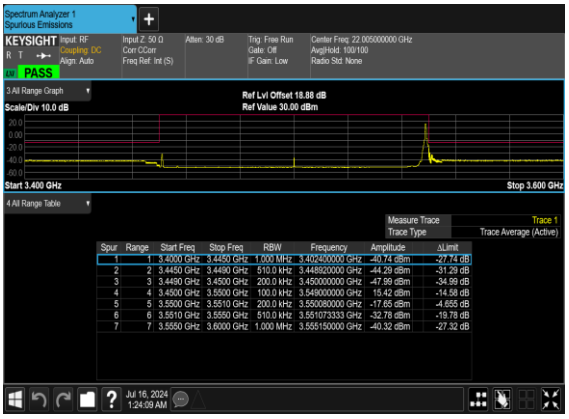
N77(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



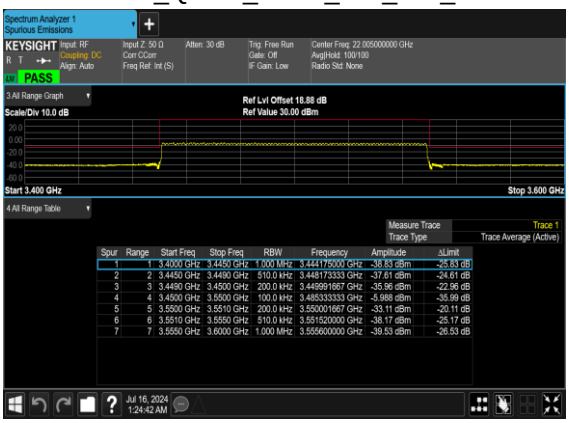
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 23.06.1602

FR1 N77 MIMO-ANT6

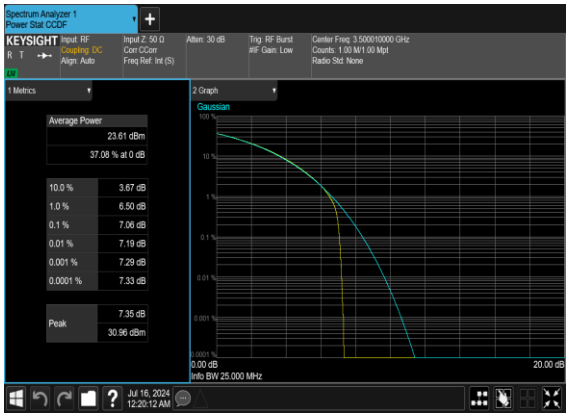
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0045	**PASS**	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0025	**PASS**	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0037	**PASS**	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0066	**PASS**	-30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0063	**PASS**	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0046	**PASS**	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0066	**PASS**	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0024	**PASS**	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0045	**PASS**	20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0030	**PASS**	30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0059	**PASS**	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0024	**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	633334	3500.01	CP-OFDM QPSK	51@0	7.06	13	**PASS**

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

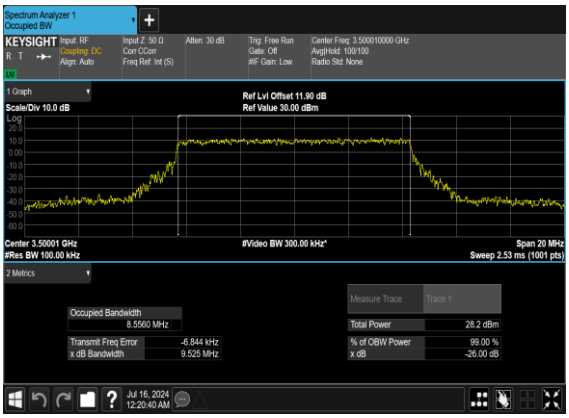


Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.556	9.525
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5624	9.435
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5584	9.222
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.595	9.357
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.592	14.67
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.574	14.67
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.52	14.48
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.577	14.73
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.201	19.14
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.181	19.38
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.234	19.24
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.176	19.06
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.902	29.19
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.941	29.0
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.856	29.18
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.858	29.07
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.788	39.61
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.838	39.32
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.79	39.6
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.886	39.47
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.316	48.99
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.653	49.34
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.516	49.23
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.521	49.05
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.858	59.96

77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.717	59.75
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.663	59.75
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.767	60.13
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.484	69.71
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.434	69.74
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.418	69.78
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.6	69.68
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.454	79.93
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.518	80.1
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.368	79.92
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.35	79.92
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.525	90.34
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.546	90.33
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.406	90.26
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.435	90.23
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.395	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.295	100.4
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.756	100.4
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.514	100.5

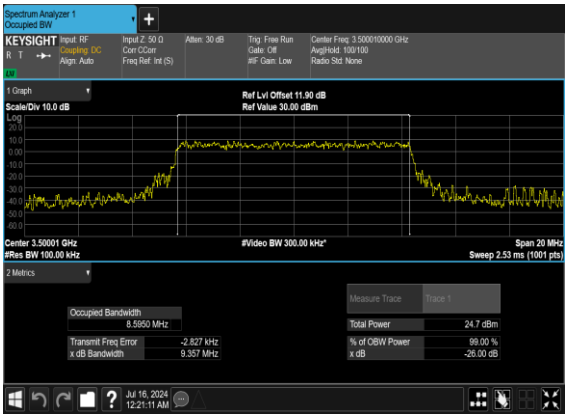
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



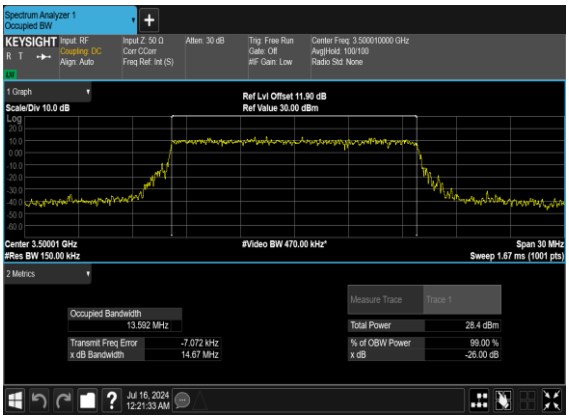
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

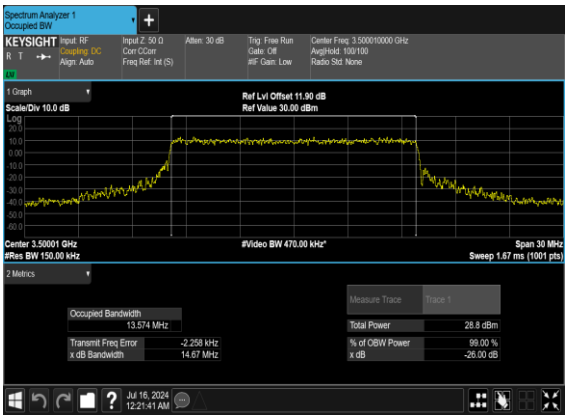
N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



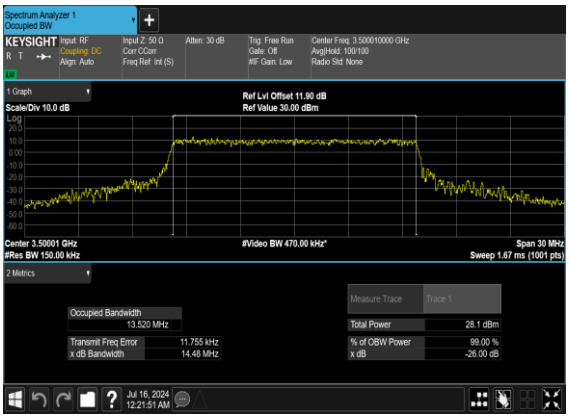
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



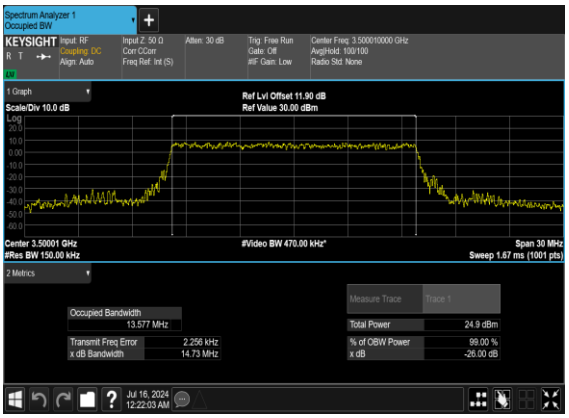
N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



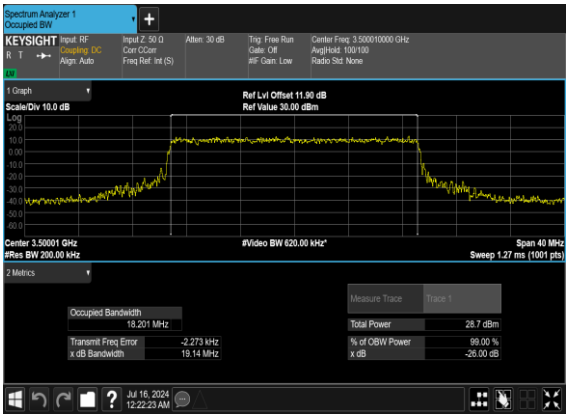
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



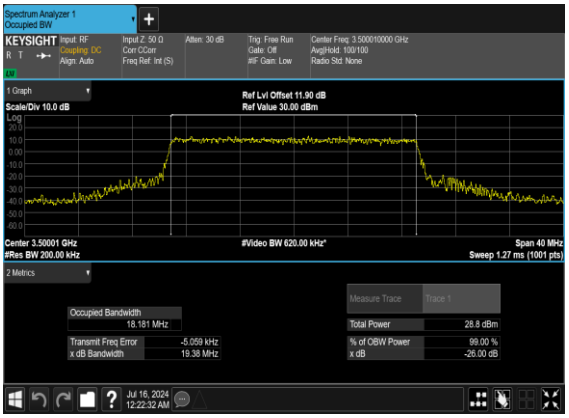
N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



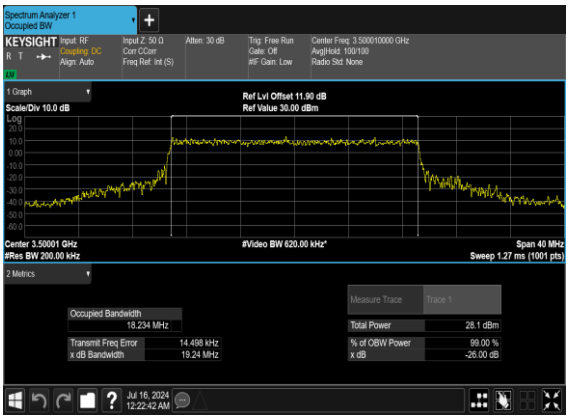
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



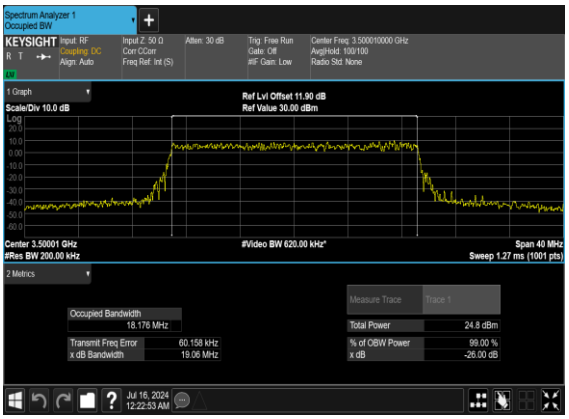
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

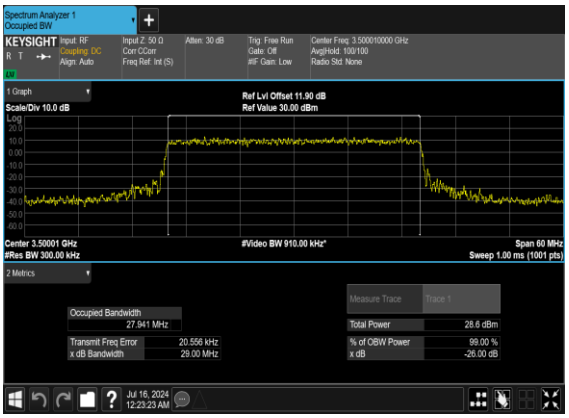


N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

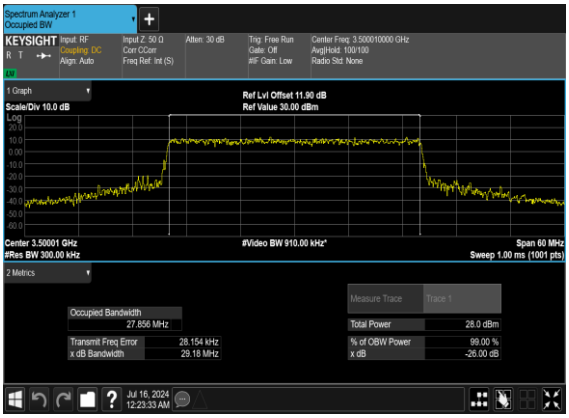


N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

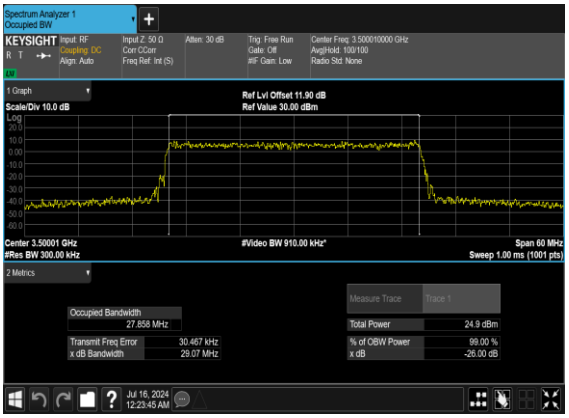
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



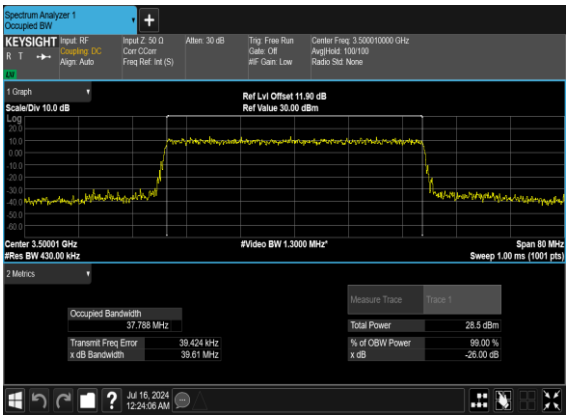
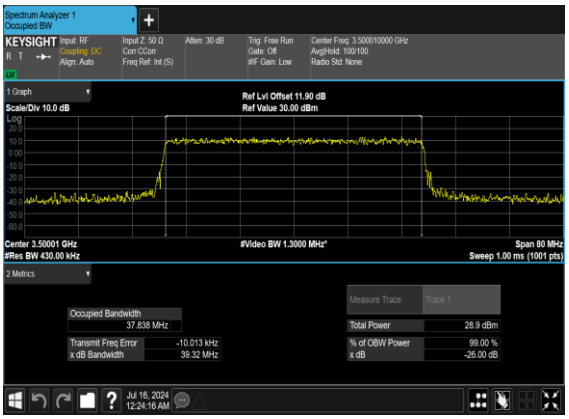
N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH