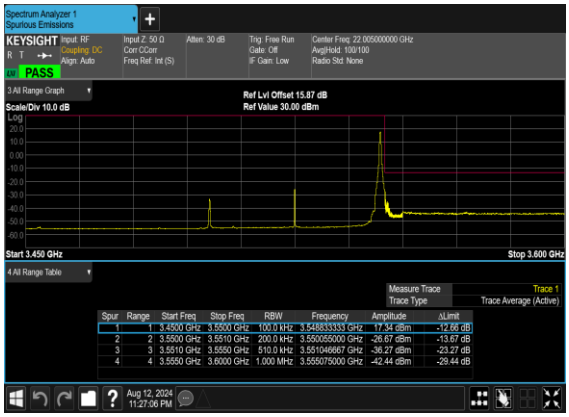
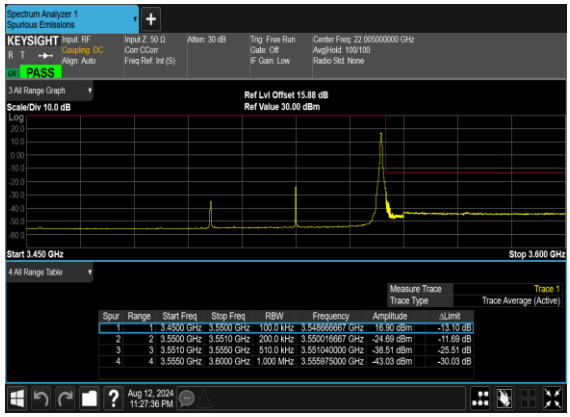
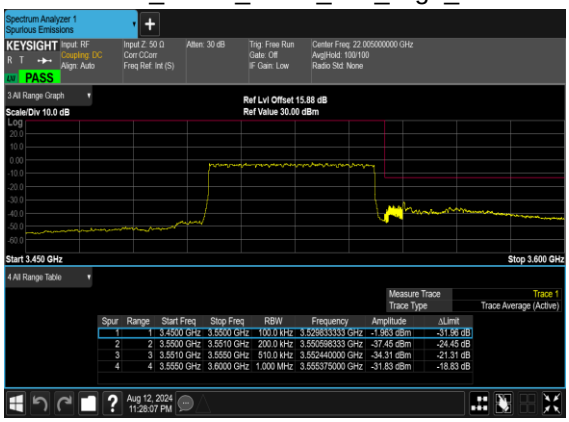
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



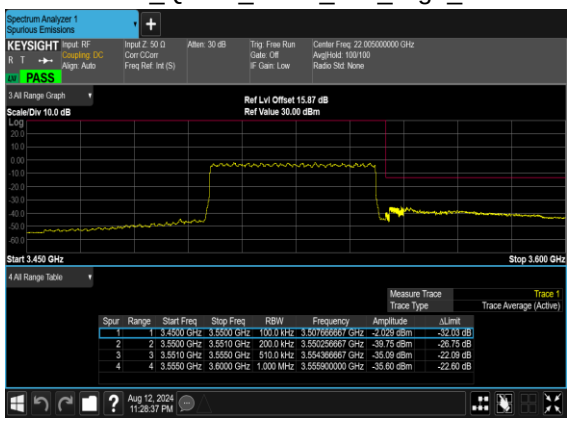
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

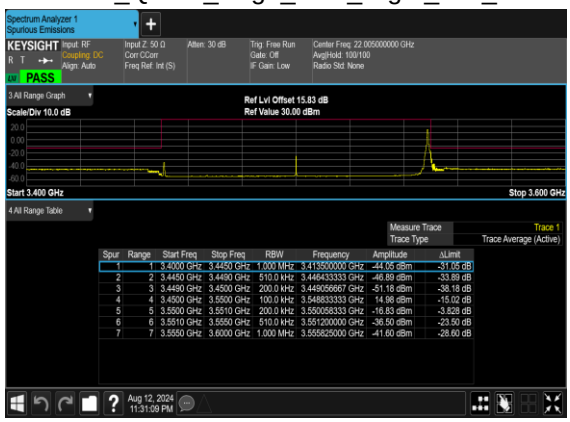


N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

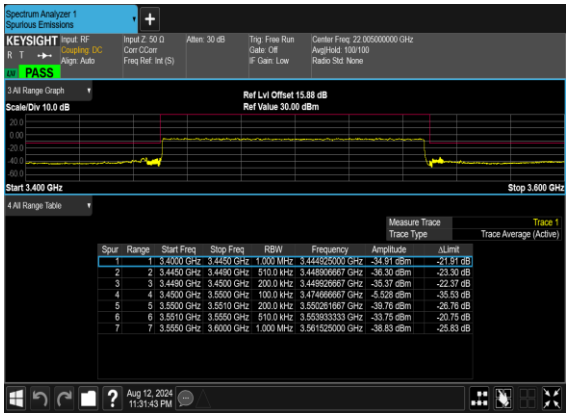
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

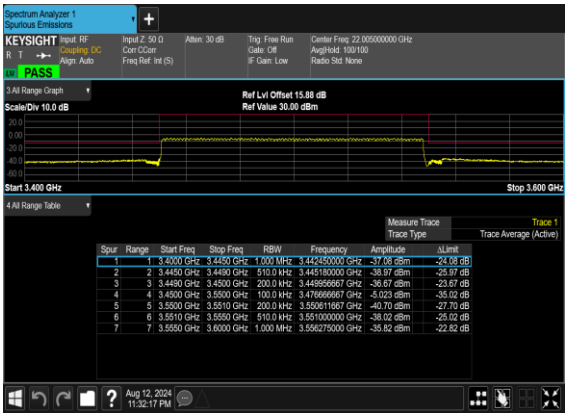
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 23.06.1602

FR1 N77 MIMO ANT0+3

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-0.5dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT0 Power(dBm)	ANT3 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	CP-OFDM QPSK	1@1	21.15	20.4	23.80	27.4	0.5495
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	20.75	19.72	23.28	27.1	0.5129
77	30	10	633334	3500.01	CP-OFDM QPSK	1@1	21.26	20.61	23.96	27.54	0.5675
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	20.95	19.95	23.49	27.22	0.5272
77	30	10	636332	3544.98	CP-OFDM QPSK	1@1	21.47	20.83	24.17	27.24	0.5297
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	21.16	20.17	23.70	27.29	0.5358
77	30	15	630500	3457.5	CP-OFDM QPSK	1@1	21.43	20.64	24.06	27.64	0.5808
77	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	21	19.96	23.52	27.3	0.5370
77	30	15	633334	3500.01	CP-OFDM QPSK	1@1	21.48	20.76	24.15	27.68	0.5861
77	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	21.19	20.1	23.69	27.21	0.5260
77	30	15	636166	3542.49	CP-OFDM QPSK	1@1	21.59	20.87	24.26	27.87	0.6124
77	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	21.28	20.28	23.82	27.38	0.5470
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	21.46	20.69	24.10	27.67	0.5848
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	21.13	20.12	23.66	27.32	0.5395
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	21.45	20.74	24.12	27.71	0.5902
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	21.18	20.09	23.68	27.35	0.5433
77	30	20	636000	3540	CP-OFDM QPSK	1@1	21.55	20.81	24.21	27.86	0.6109
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	21.25	20.21	23.77	27.43	0.5534
77	30	30	631000	3465	CP-OFDM QPSK	1@1	21.39	20.59	24.02	27.83	0.6067
77	30	30	631000	3465	CP-OFDM 16 QAM	1@1	21.1	20	23.60	27.51	0.5636
77	30	30	633334	3500.01	CP-OFDM QPSK	1@1	21.5	20.87	24.21	27.86	0.6109
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	21.19	20.24	23.75	27.47	0.5585
77	30	30	635666	3534.99	CP-OFDM QPSK	1@1	21.72	20.96	24.37	28.02	0.6339
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	21.4	20.35	23.92	27.62	0.5781
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	21.45	20.72	24.11	27.97	0.6266
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	21.06	20.04	23.59	27.34	0.5420
77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	21.47	20.89	24.20	28	0.6310
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	21.19	20.3	23.78	27.49	0.5610
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	21.65	20.88	24.29	28.08	0.6427
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	21.36	20.28	23.86	27.73	0.5929
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	21.28	20.47	23.90	27.71	0.5902
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.89	19.92	23.44	27.33	0.5408
77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	21.34	20.59	23.99	27.79	0.6012

77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	21.03	19.98	23.55	27.41	0.5508
77	30	50	635000	3525	CP-OFDM QPSK	1@1	21.33	20.55	23.97	27.86	0.6109
77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	21.03	19.95	23.53	27.39	0.5483
77	30	60	632000	3480	CP-OFDM QPSK	1@1	21.22	20.56	23.91	27.79	0.6012
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	20.92	19.89	23.45	27.25	0.5309
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	21.3	20.55	23.95	27.78	0.5998
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	20.91	19.83	23.41	27.34	0.5420
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	21.35	20.64	24.02	27.83	0.6067
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	21.03	19.94	23.53	27.35	0.5433
77	30	70	632334	3485.01	CP-OFDM QPSK	1@1	21.01	20.26	23.66	27.56	0.5702
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	20.7	19.68	23.23	27.19	0.5236
77	30	70	633334	3500.01	CP-OFDM QPSK	1@1	21.01	20.38	23.72	27.61	0.5768
77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	20.72	19.78	23.29	27.23	0.5284
77	30	70	634332	3514.98	CP-OFDM QPSK	1@1	21.24	20.49	23.89	27.65	0.5821
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	20.79	19.86	23.36	27.31	0.5383
77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	21.01	20.28	23.67	27.6	0.5754
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.76	19.68	23.26	27.28	0.5346
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	21	20.34	23.69	27.63	0.5794
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	20.69	19.64	23.21	27.19	0.5236
77	30	80	634000	3510	CP-OFDM QPSK	1@1	21	20.4	23.72	27.66	0.5834
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20.63	19.76	23.23	27.34	0.5420
77	30	90	633000	3495	CP-OFDM QPSK	1@1	21.08	20.23	23.69	27.59	0.5741
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.6	19.63	23.15	27.18	0.5224
77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	21.04	20.26	23.68	27.66	0.5834
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	20.59	19.56	23.12	27.24	0.5297
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	21.08	20.38	23.75	27.75	0.5957
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	20.66	19.63	23.19	27.28	0.5346
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	21.63	20.84	24.26	27.44	0.5546
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	21.52	20.77	24.17	28.09	0.6442
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.73	21.09	24.43	27.31	0.5383
77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	21.21	20.38	23.83	26.98	0.4989
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	21.05	20.14	23.63	27.24	0.5297
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	21.52	20.46	24.03	27.05	0.5070
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	19.73	18.93	22.36	24.93	0.3112
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	19.42	18.59	22.04	25.12	0.3251
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	19.8	18.95	22.41	24.85	0.3055
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	16.68	15.96	19.35	21.47	0.1403
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	16.41	15.88	19.16	21.78	0.1507
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	16.78	16.21	19.51	21.46	0.1400

FR1 N77 MIMO-ANT0

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	0.0046	**PASS**	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0023	**PASS**	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0047	**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	0.0027	**PASS**	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0069	**PASS**	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0022	**PASS**	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0043	**PASS**	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0046	**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	0.0036	**PASS**	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0055	**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	7.1	13	**PASS**

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

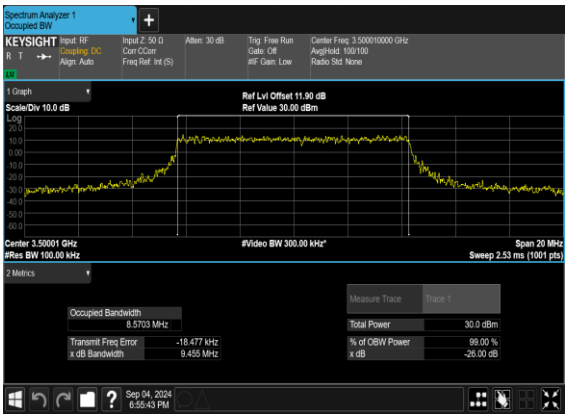
Occupied Bandwidth

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	8.5714	9.561
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5703	9.455
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5557	9.747
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.584	9.643
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.55	14.94
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.593	14.75
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.617	14.62
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.599	14.53
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.236	19.25
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.236	19.55
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.135	19.07
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.185	19.47
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.869	29.52
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.852	29.47
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.803	29.0
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.893	29.46
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.692	39.52
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.789	39.65
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.819	39.44
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.788	39.25
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.499	49.04
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.566	49.06
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.51	48.97

77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.394	49.26
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.819	59.75
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.838	59.64
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	58.011	59.9
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.908	60.1
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.693	70.12
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.442	69.64
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.369	69.82
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.801	69.85
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.636	80.5
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.59	80.01
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.612	79.93
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.298	80.11
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.458	90.32
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.504	90.28
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.462	90.35
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.574	90.19
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.386	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.438	100.7
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.302	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.478	100.7

N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

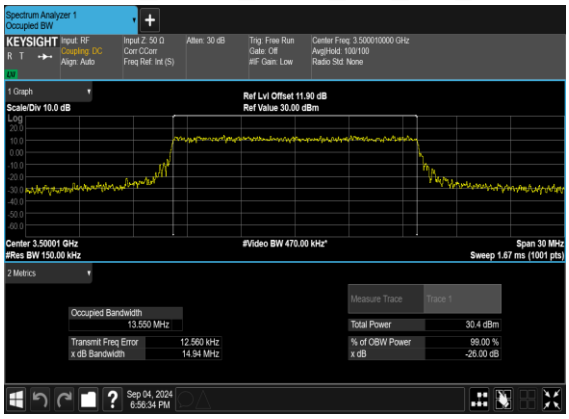
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



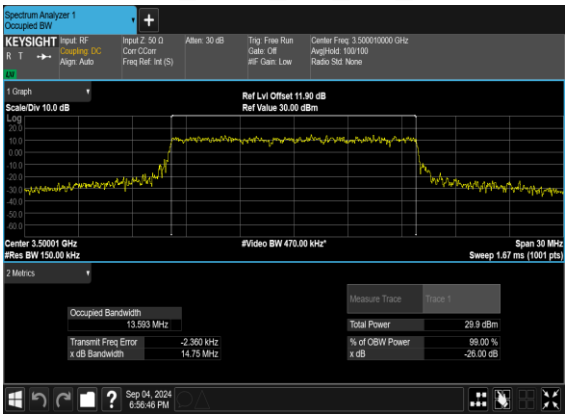
N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

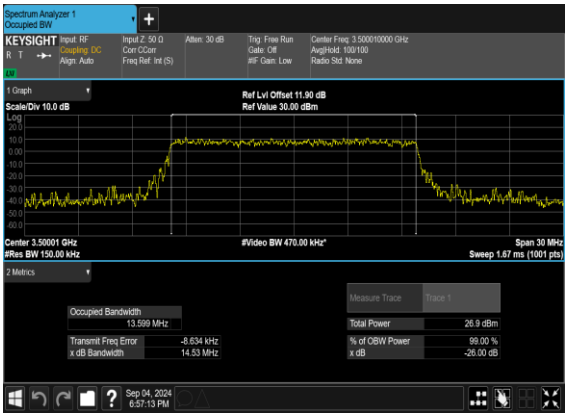


N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



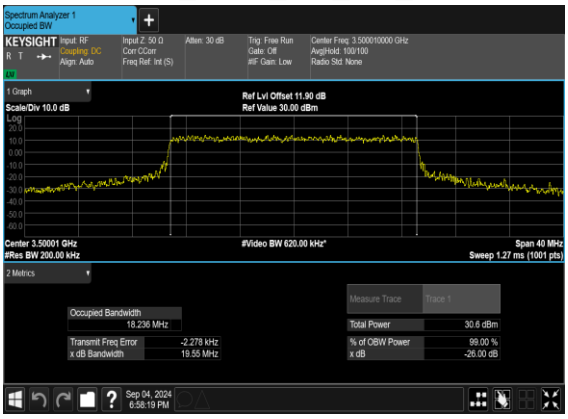
N77(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

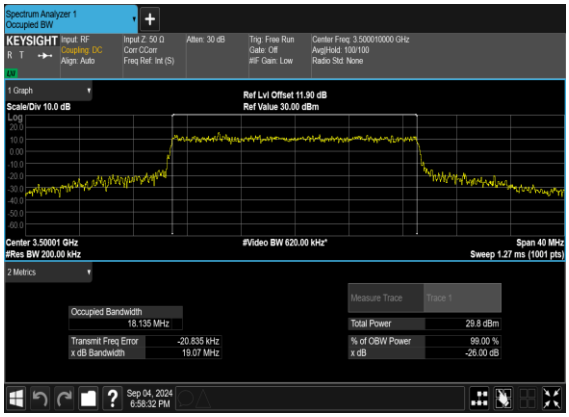


N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

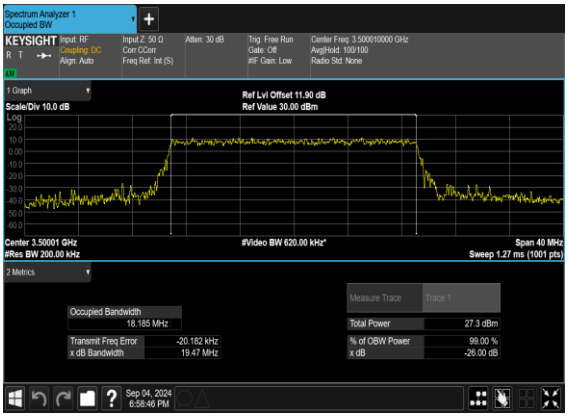
N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



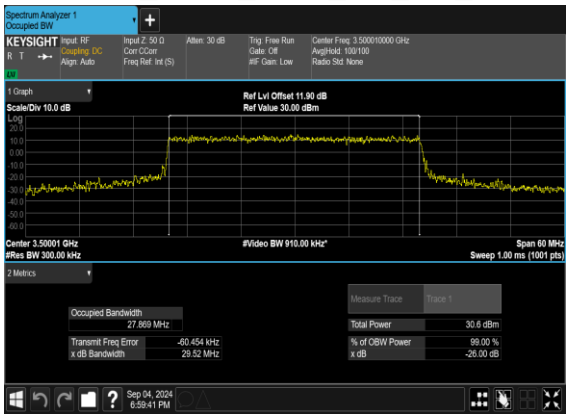
N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



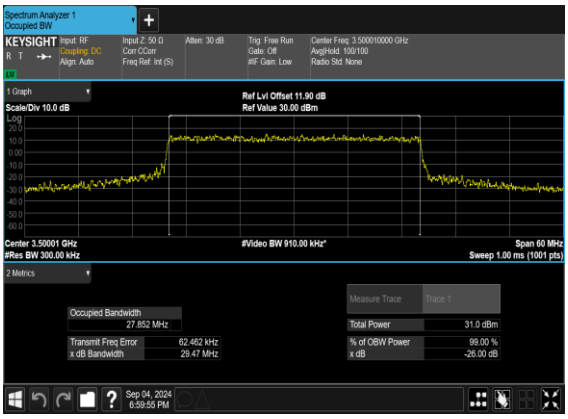
N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

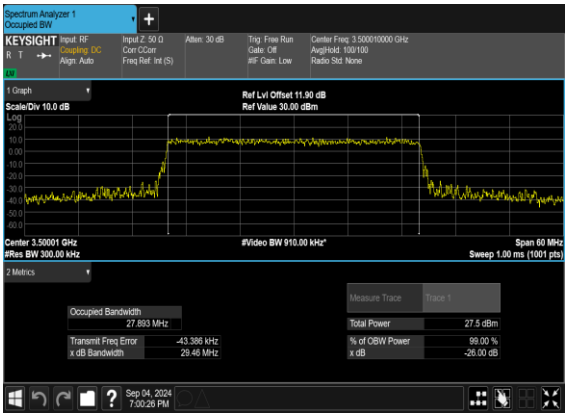


N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

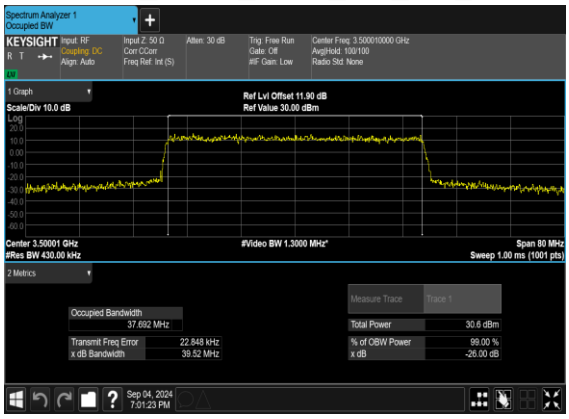


N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

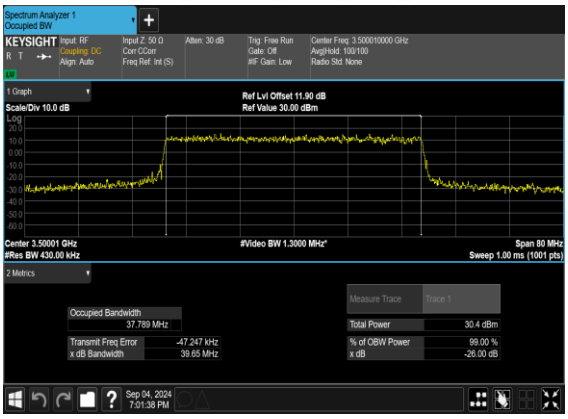
N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

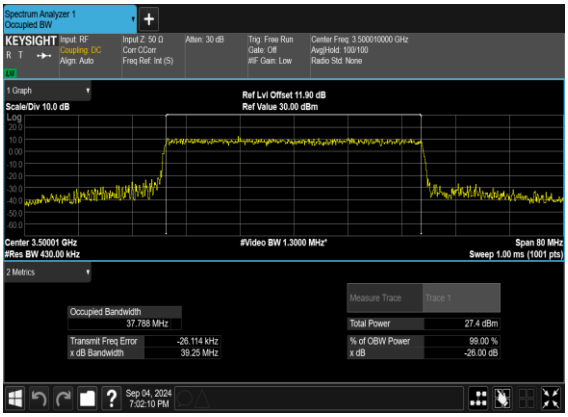


N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

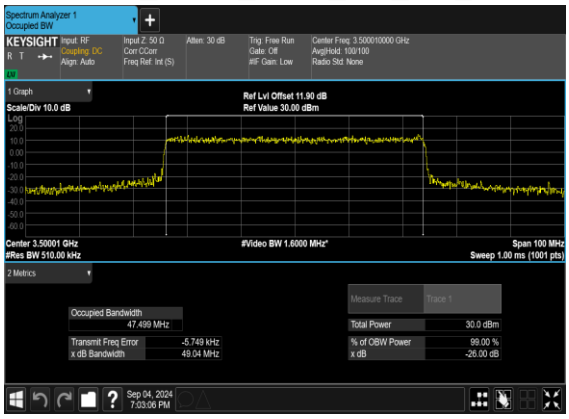


N77(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N77(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



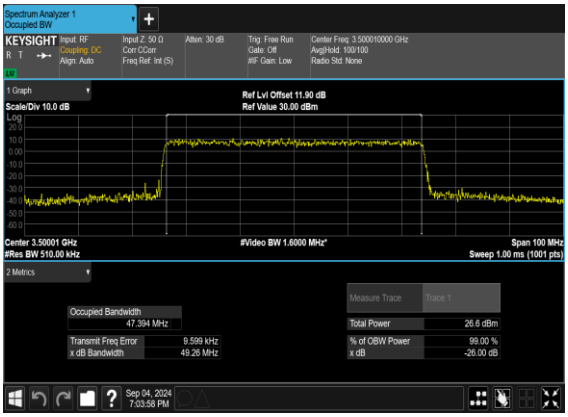
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



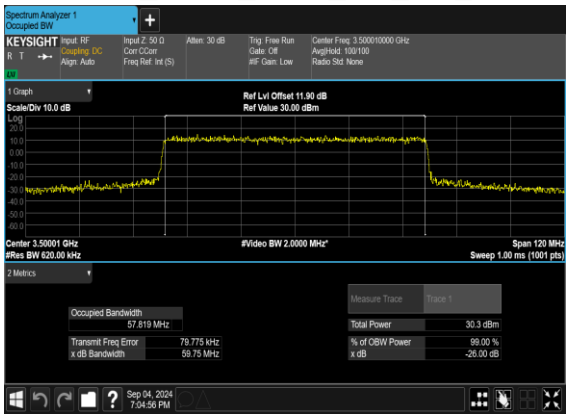
N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

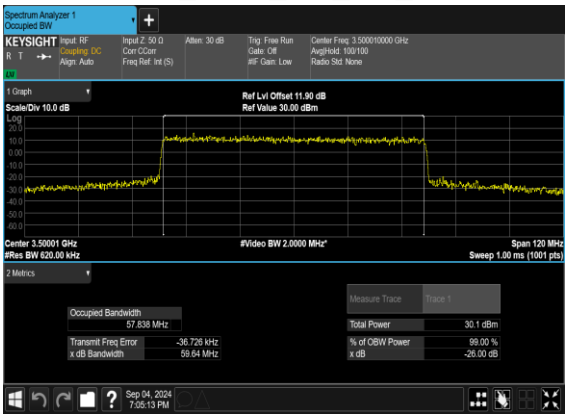
N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



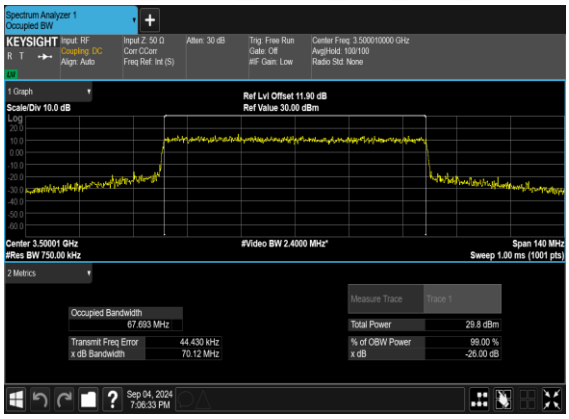
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



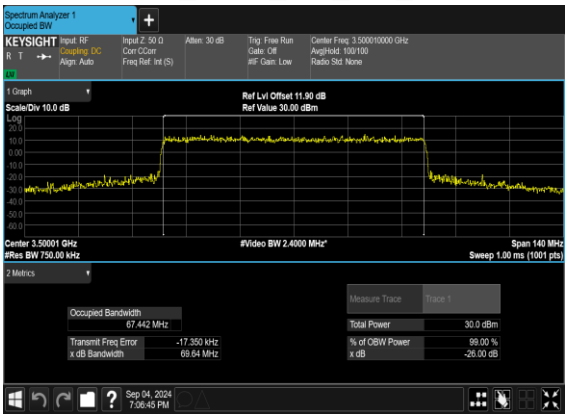
N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

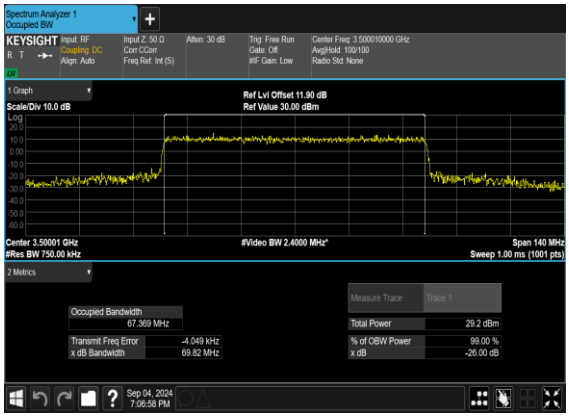
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



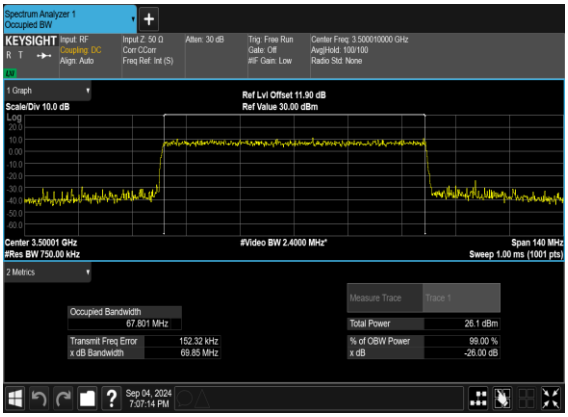
N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



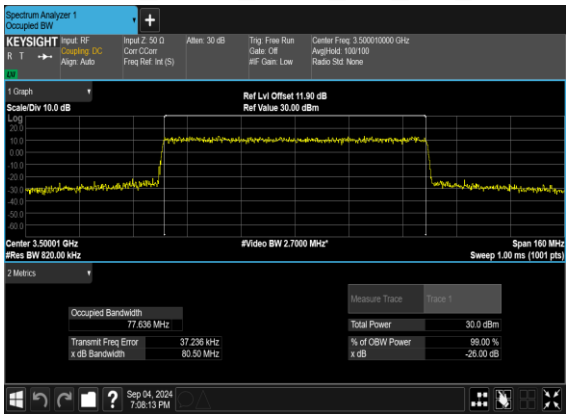
N77(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



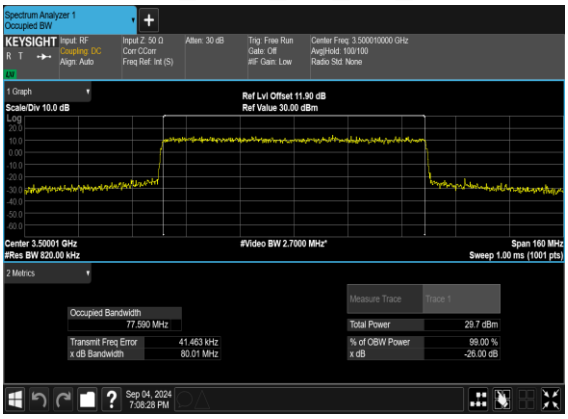
N77(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



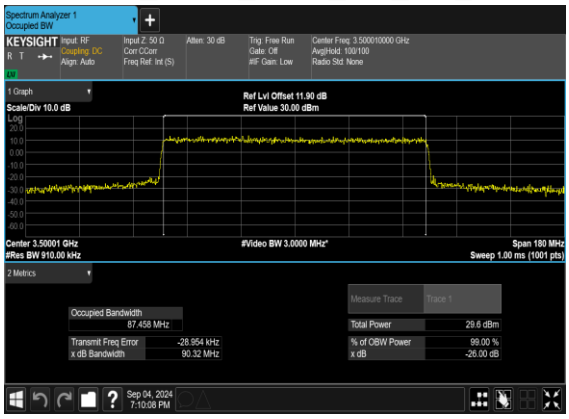
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



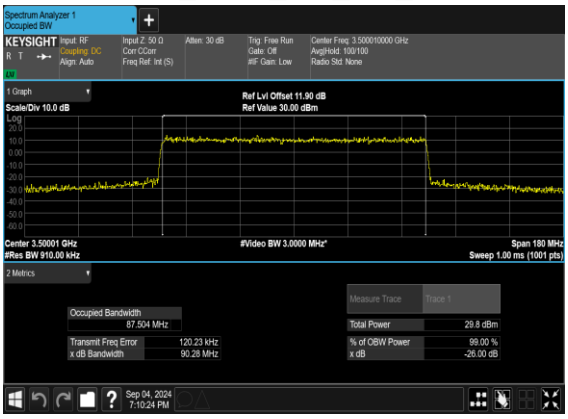
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

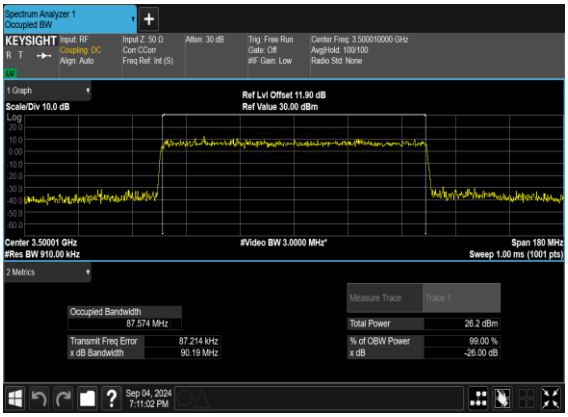


N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

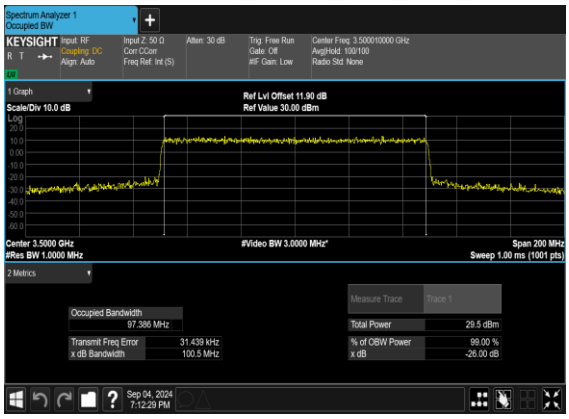


N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

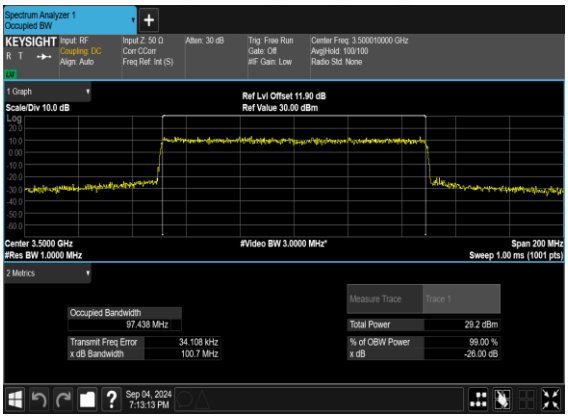
N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



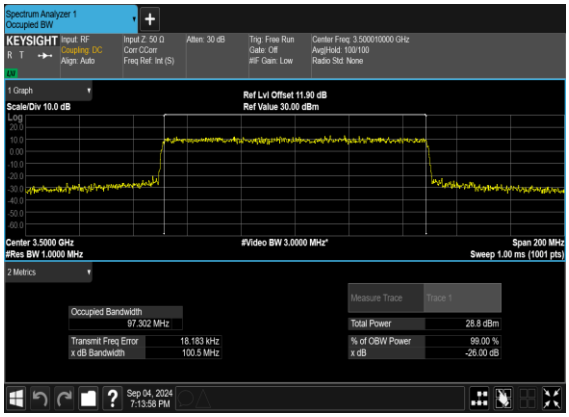
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



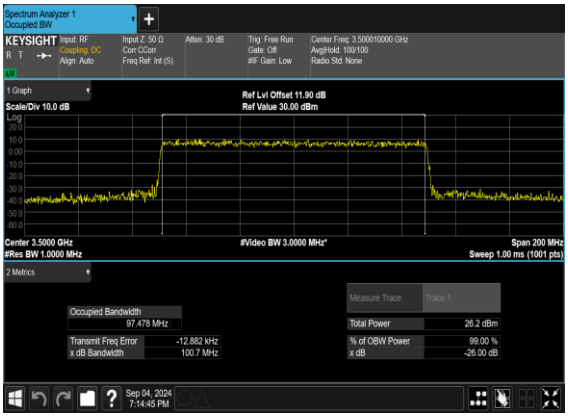
N77(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



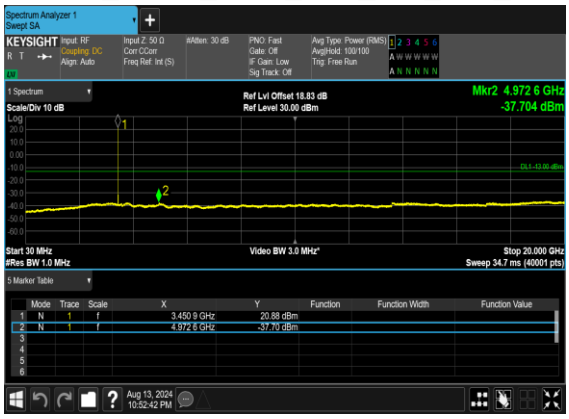
N77(100M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



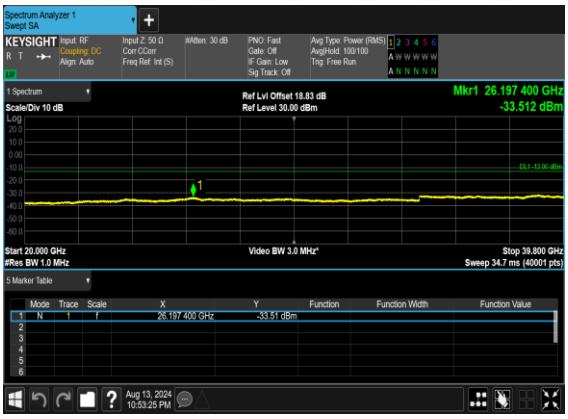
Conducted Spurious Emissions

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**

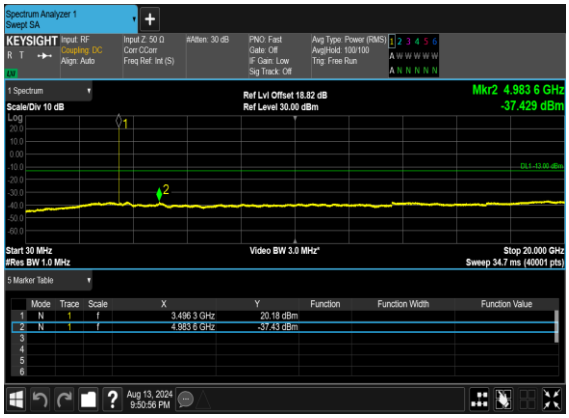
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



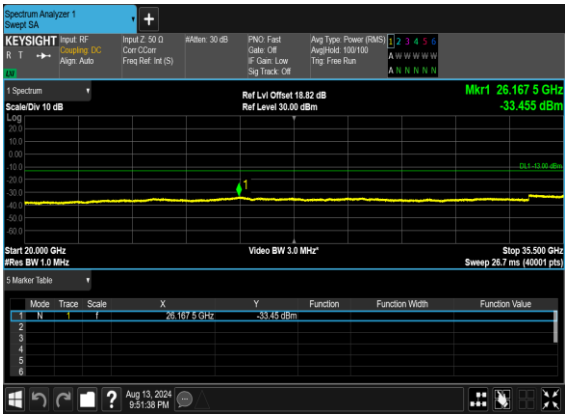
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



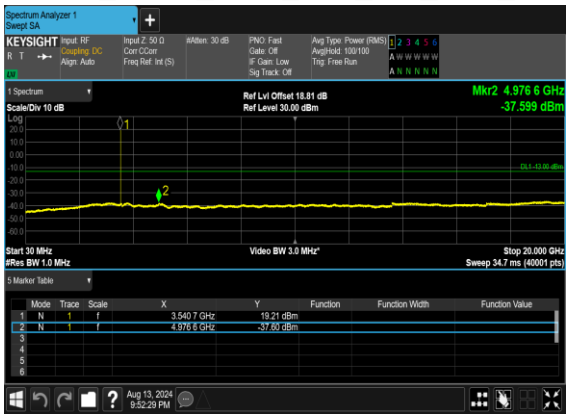
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



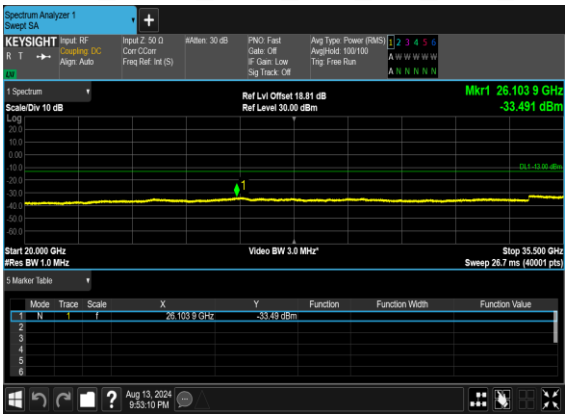
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



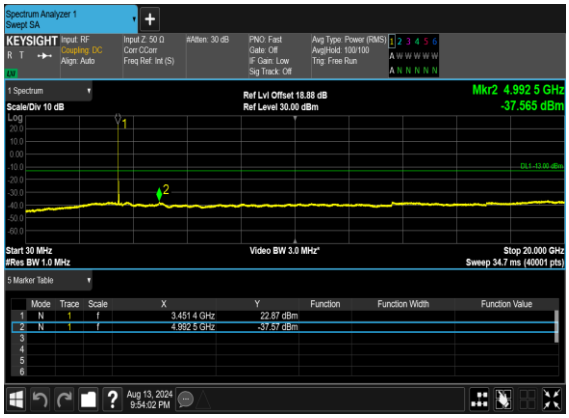
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



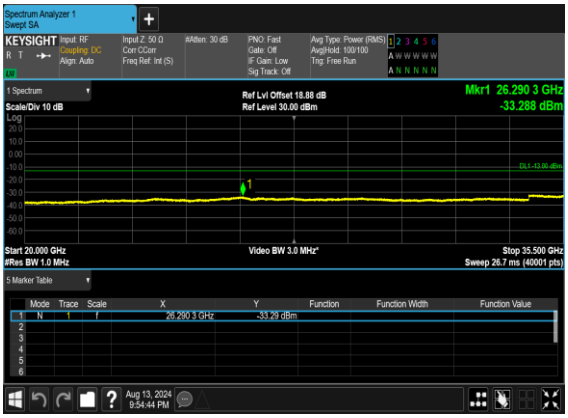
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



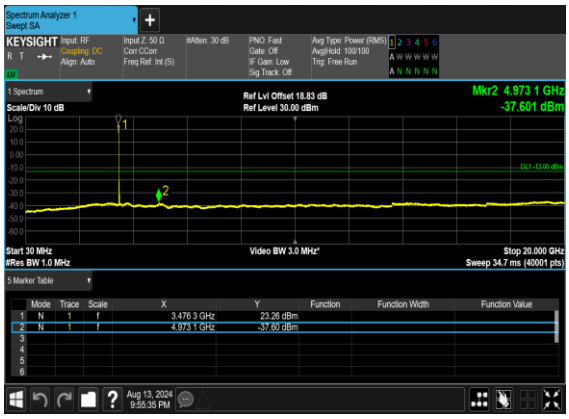
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



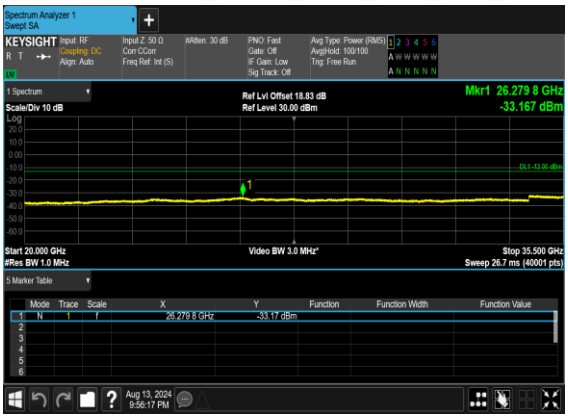
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



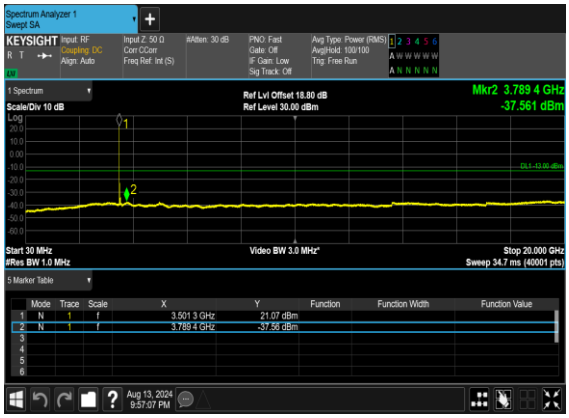
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



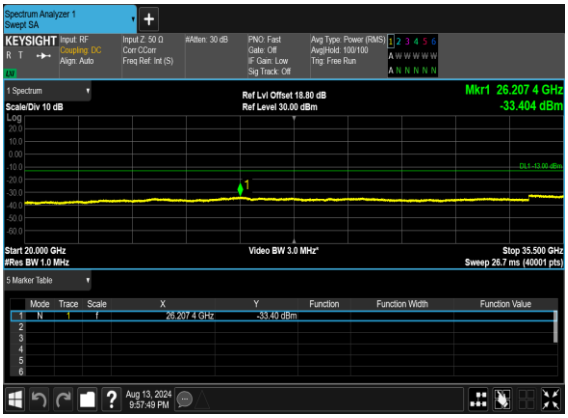
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



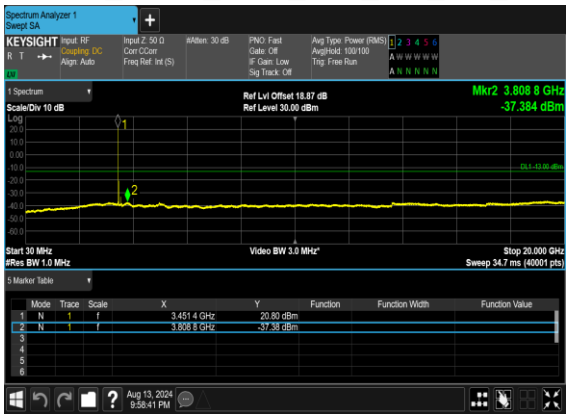
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



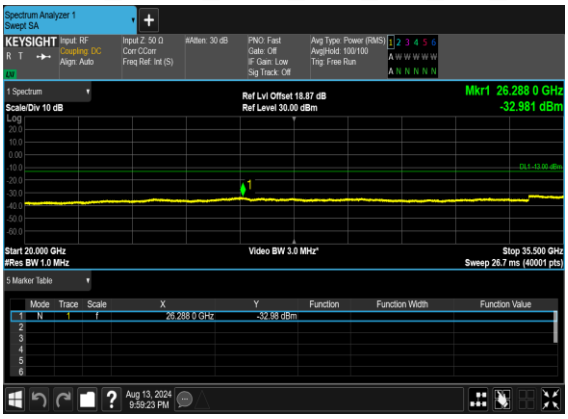
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

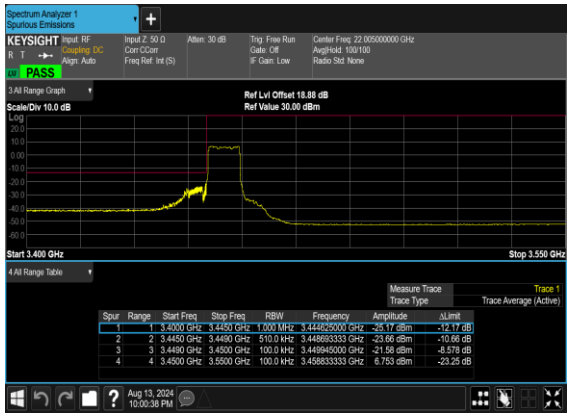


Conducted Band Edge

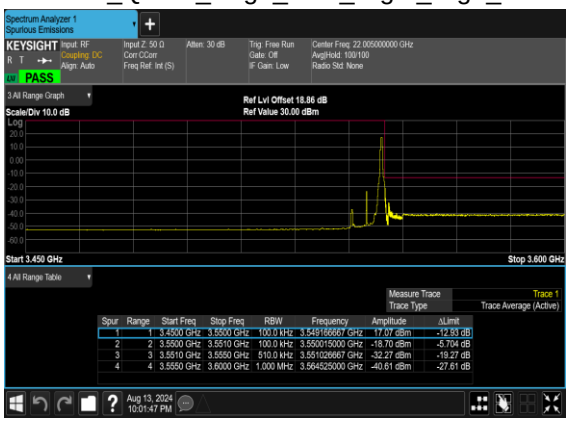
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	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

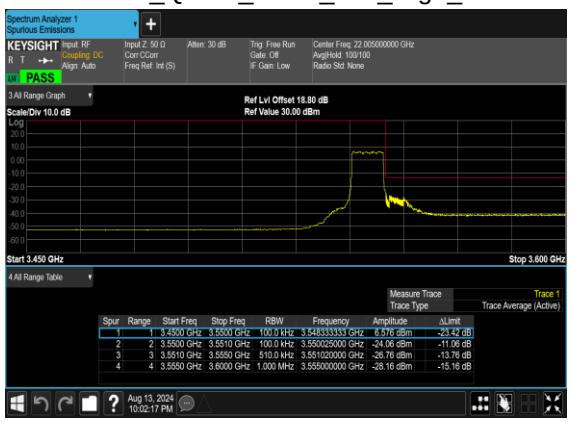
N77(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



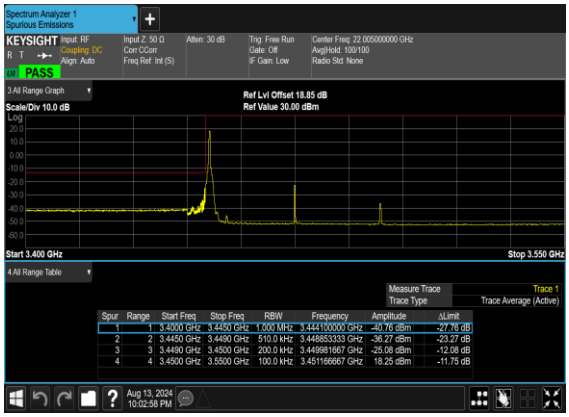
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



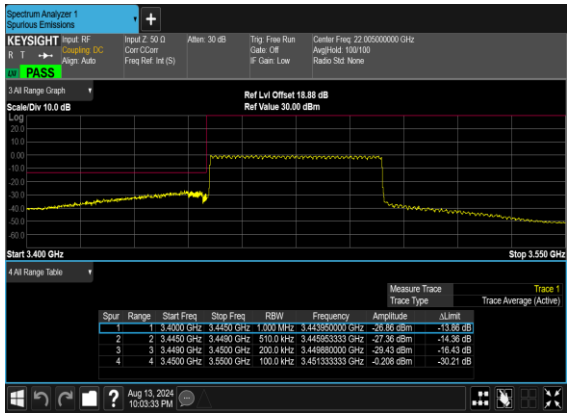
N77(10M)_CP-OFDM_QPSK_Outer_Full_High_CH



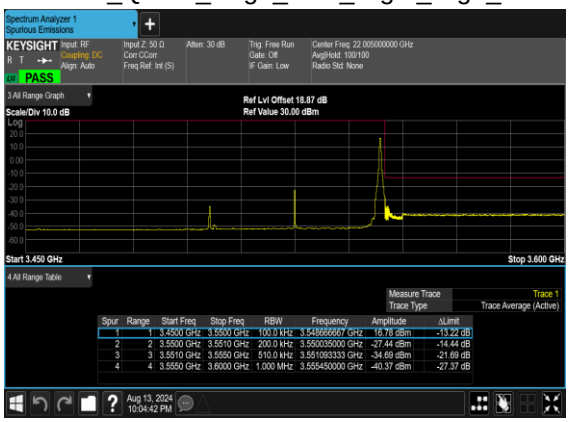
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



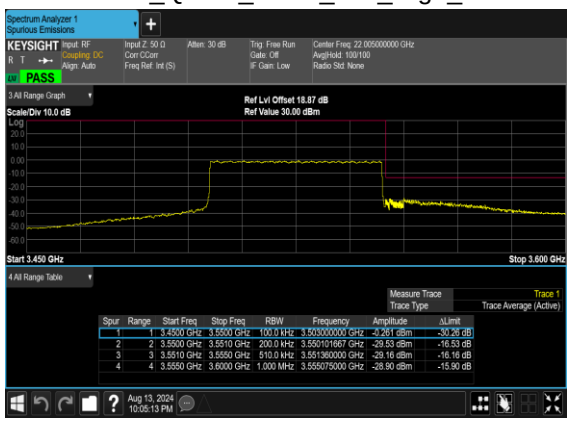
N77(50M)_CP-OFDM_QPSK_Outer_Full_Low_CH



N77(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



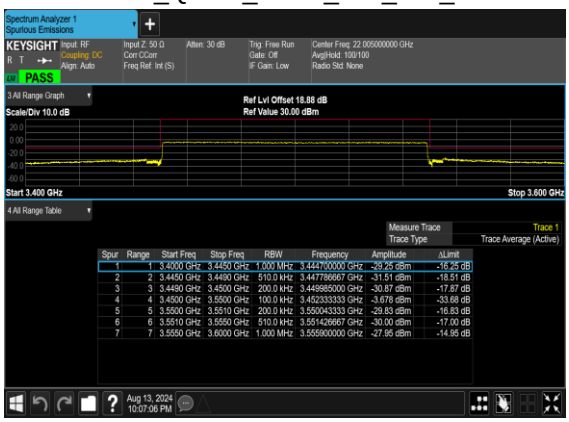
N77(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



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-ANT3

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	0.0066	**PASS**	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0069	**PASS**	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0054	**PASS**	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0039	**PASS**	-30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0062	**PASS**	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0038	**PASS**	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0039	**PASS**	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0064	**PASS**	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0066	**PASS**	20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0054	**PASS**	30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0022	**PASS**	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0048	**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	6.97	13	**PASS**

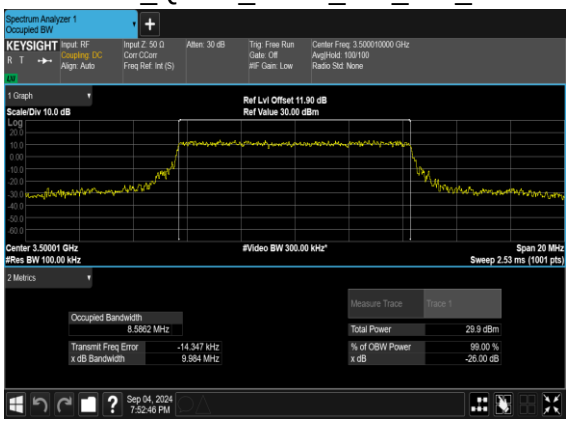
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

Occupied Bandwidth

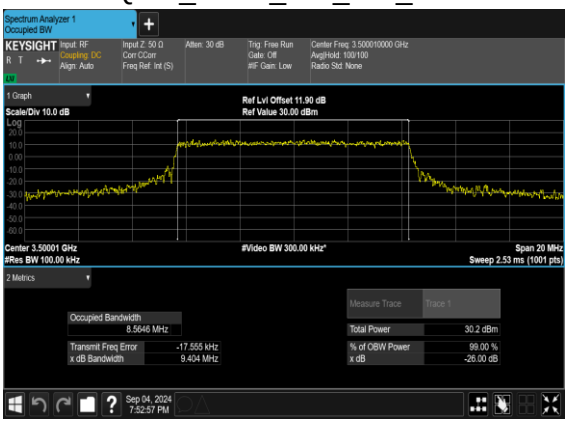
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5862	9.984
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5646	9.404
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5667	9.269
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.6053	9.648
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.56	14.79
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.596	14.67
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.59	14.87
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.603	14.96
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.17	19.39
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.189	19.21
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.252	19.09
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.238	19.25
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.818	29.07
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.878	29.43
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.909	28.94
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.868	29.01
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.891	39.24
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.836	39.77
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.809	39.44
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.884	39.57
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.431	49.07
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.519	49.55
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.505	49.25
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.383	48.99
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.952	59.68
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.771	60.18
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.951	59.72
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.861	59.81
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.565	69.81
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.568	69.91
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.655	69.81
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.651	69.77
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.488	79.97
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.444	80.16
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.601	79.97

77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.504	79.94
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.38	90.39
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.409	90.32
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.535	90.23
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.424	90.37
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.373	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.657	100.4
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.552	100.6
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.612	100.5

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_16QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH