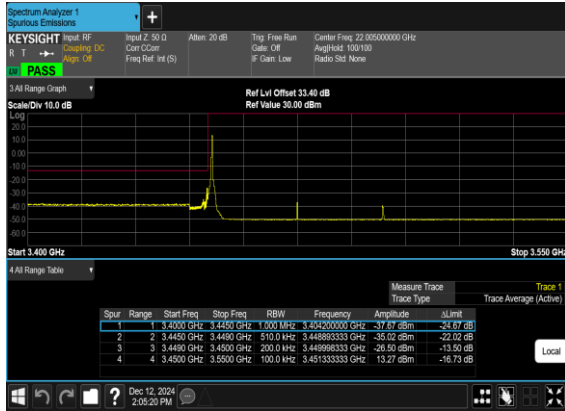
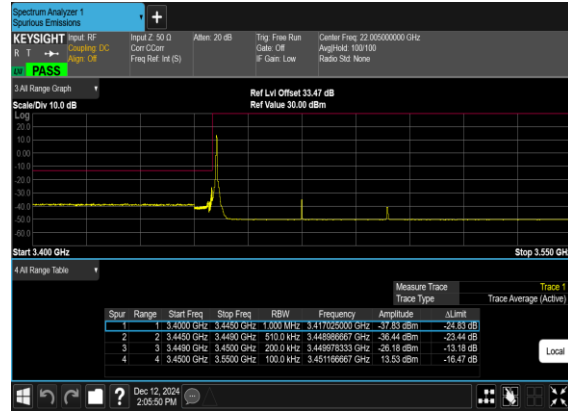




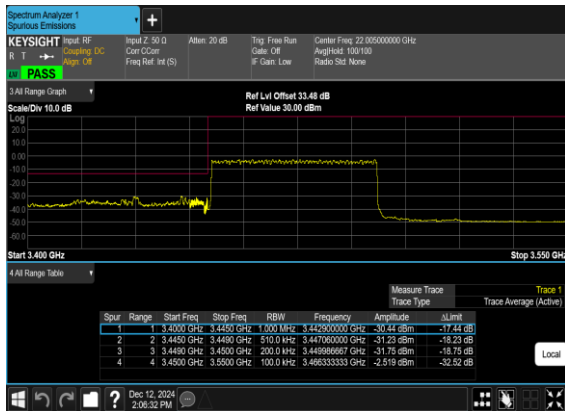
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



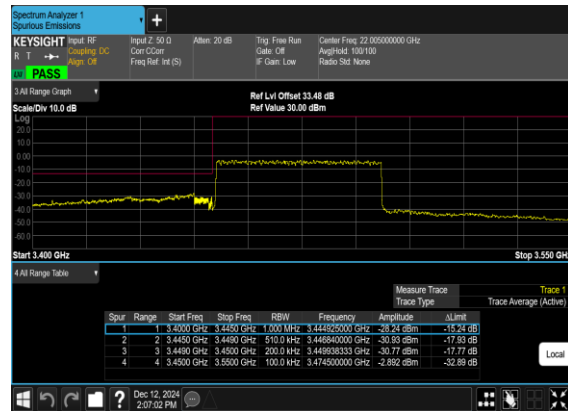
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

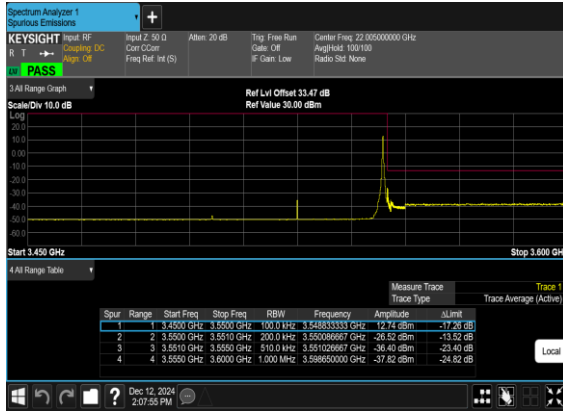


N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

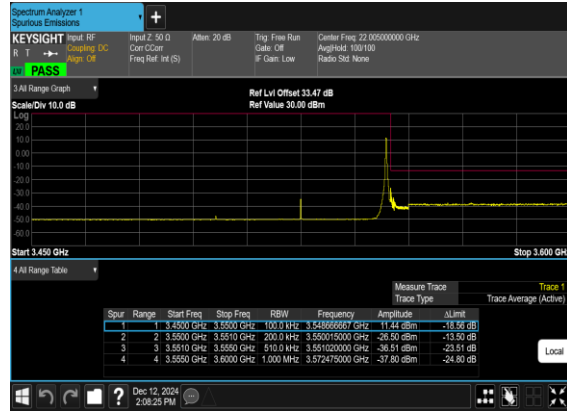




N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



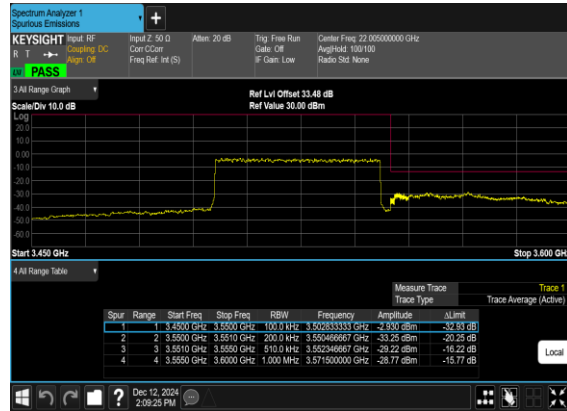
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

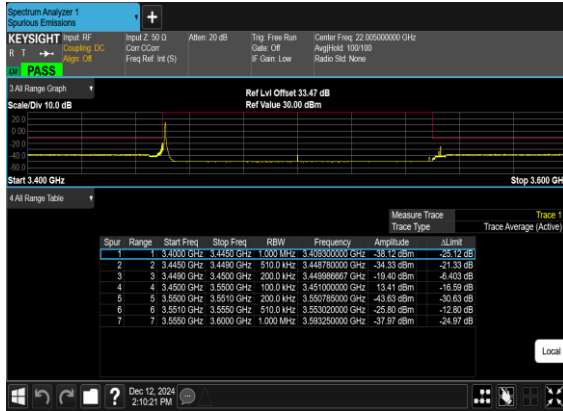


N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

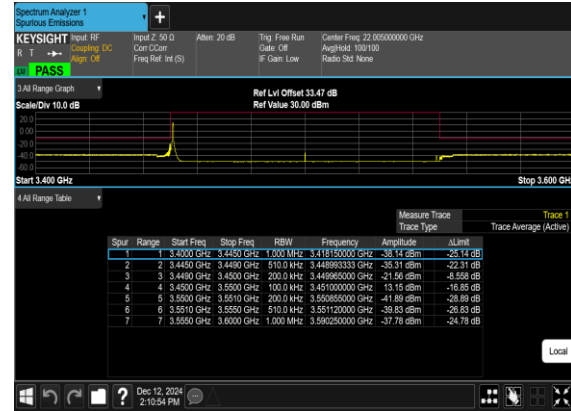




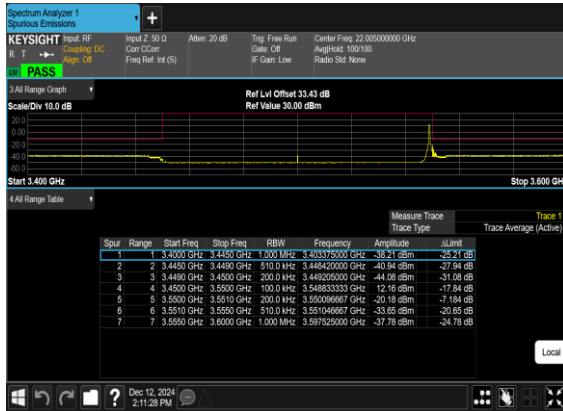
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



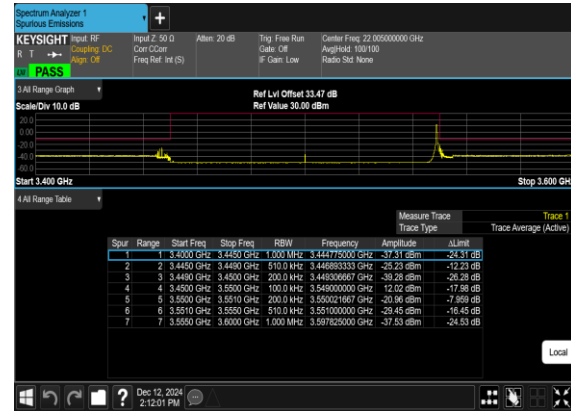
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



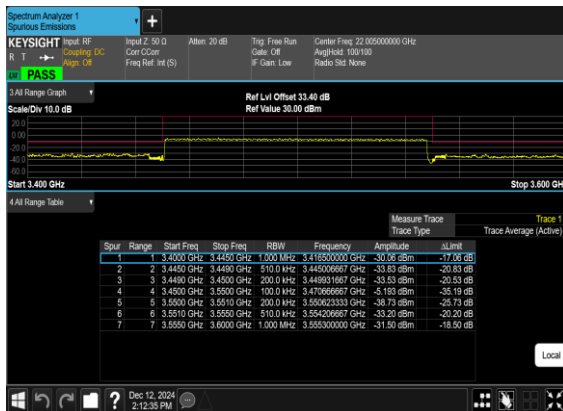
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



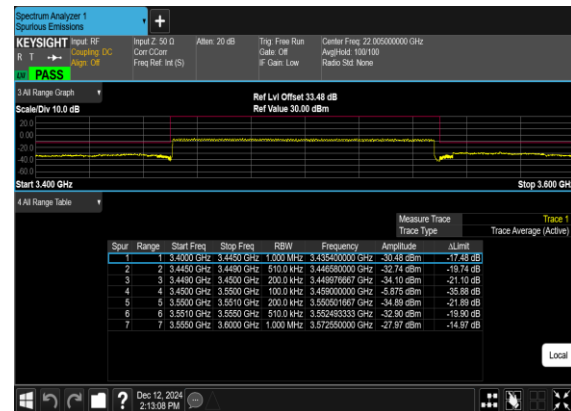
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



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 (Ant.4)

## Transmitter Conducted Output Power and EIRP, (G<sub>T</sub> - LC)= -0.9dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@1	26.38	25.48	0.3532
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	26.36	25.46	0.3516
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.42	23.52	0.2249
78	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.35	25.45	0.3508
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.39	25.49	0.3540
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.39	23.49	0.2234
78	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	1@1	26.49	25.59	0.3622
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	26.61	25.71	0.3724
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.56	23.66	0.2323
78	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@1	26.34	25.44	0.3499
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	26.43	25.53	0.3573
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.34	23.44	0.2208
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.29	25.39	0.3459
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.43	25.53	0.3573
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.32	23.42	0.2198
78	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@1	26.46	25.56	0.3597
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	26.54	25.64	0.3664
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.48	23.58	0.2280
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	26.31	25.41	0.3475
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	26.27	25.37	0.3443
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.35	23.45	0.2213
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.27	25.37	0.3443
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.37	25.47	0.3524
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.37	23.47	0.2223
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	26.38	25.48	0.3532
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	26.51	25.61	0.3639
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.4	23.5	0.2239
78	30	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	1@1	26.37	25.47	0.3524
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	26.45	25.55	0.3589
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.38	23.48	0.2228
78	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.43	25.53	0.3573
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.42	25.52	0.3565
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.41	23.51	0.2244
78	30	25	635832	3537.48	DFT-s-OFDM PI/2 BPSK	1@1	26.54	25.64	0.3664
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	26.59	25.69	0.3707



78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.58	23.68	0.2333
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	26.44	25.54	0.3581
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	26.41	25.51	0.3556
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.47	23.57	0.2275
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.43	25.53	0.3573
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.43	25.53	0.3573
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.52	23.62	0.2301
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	26.5	25.6	0.3631
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	26.63	25.73	0.3741
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.56	23.66	0.2323
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	26.41	25.51	0.3556
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	26.54	25.64	0.3664
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.39	23.49	0.2234
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.35	25.45	0.3508
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.42	25.52	0.3565
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.41	23.51	0.2244
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	26.35	25.45	0.3508
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	26.43	25.53	0.3573
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.43	23.53	0.2254
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	26.56	25.66	0.3681
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	26.61	25.71	0.3724
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.48	23.58	0.2280
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.52	25.62	0.3648
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.66	25.76	0.3767
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.45	23.55	0.2265
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	26.5	25.6	0.3631
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.54	25.64	0.3664
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.59	23.69	0.2339
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	26.38	25.48	0.3532
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	26.43	25.53	0.3573
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.35	23.45	0.2213
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.37	25.47	0.3524
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.46	25.56	0.3597
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.45	23.55	0.2265
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	26.39	25.49	0.3540
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	26.34	25.44	0.3499
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.46	23.56	0.2270
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	26.55	25.65	0.3673
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	26.56	25.66	0.3681
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.58	23.68	0.2333
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.6	25.7	0.3715
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.56	25.66	0.3681



78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.52	23.62	0.2301
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	26.45	25.55	0.3589
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	26.46	25.56	0.3597
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.51	23.61	0.2296
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	26.63	25.73	0.3741
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	26.73	25.83	0.3828
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.66	23.76	0.2377
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.64	25.74	0.3750
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.72	25.82	0.3819
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.71	23.81	0.2404
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	26.52	25.62	0.3648
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	26.64	25.74	0.3750
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.59	23.69	0.2339
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	26.62	25.72	0.3733
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	26.8	25.9	0.3890
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.68	23.78	0.2388
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.63	25.73	0.3741
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.79	25.89	0.3882
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.57	23.67	0.2328
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	26.68	25.78	0.3784
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	26.83	25.93	0.3917
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.77	23.87	0.2438
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	26.36	25.46	0.3516
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.66	25.76	0.3767
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	26.41	25.51	0.3556
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	26.41	25.51	0.3556
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.66	25.76	0.3767
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	26.4	25.5	0.3548
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.35	23.45	0.2213
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.72	23.82	0.2410
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.33	23.43	0.2203
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.94	22.04	0.1600
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.19	22.29	0.1694
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	22.76	21.86	0.1535
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	20.92	20.02	0.1005
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.14	20.24	0.1057
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.9	20	0.1000
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.83	22.93	0.1963
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.2	23.3	0.2138
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.95	23.05	0.2018



Software Version: 23.06.1602

### ULMIMO N77 (Ant8+Ant4)

#### Transmitter Conducted Output Power and EIRP, (G<sub>T</sub> - L<sub>c</sub>)= -0.9dB

NR Band	SCS	Band Width	Arfcn	Freq(MHz)	Modulation	RB	ANT8 Power(dBm)	ANT4 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@1	25.67	25.81	28.75	27.85	0.6097
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.69	25.73	28.72	27.82	0.6054
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.95	25.02	28.00	27.10	0.5123
77	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.7	25.99	28.86	27.96	0.6248
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.7	25.89	28.81	27.91	0.6175
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	15.16	25.16	25.57	24.67	0.2934
77	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	1@1	25.79	26.04	28.93	28.03	0.6349
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.89	25.95	28.93	28.03	0.6354
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	25.11	25.31	28.22	27.32	0.5397
77	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@1	25.64	25.78	28.72	27.82	0.6055
77	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.69	25.7	28.71	27.81	0.6033
77	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.99	25.09	28.05	27.15	0.5189
77	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.76	25.92	28.85	27.95	0.6239
77	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.8	25.84	28.83	27.93	0.6209
77	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.15	25.1	28.14	27.24	0.5291
77	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@1	25.81	25.95	28.89	27.99	0.6296
77	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.85	25.88	28.88	27.98	0.6274
77	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	25.09	25.17	28.14	27.24	0.5297
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	25.59	25.74	28.68	27.78	0.5992
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.65	25.68	28.68	27.78	0.5991
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.89	24.97	27.94	27.04	0.5059
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.69	25.93	28.82	27.92	0.6197
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.8	25.86	28.84	27.94	0.6224
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.08	25.21	28.16	27.26	0.5316
77	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	25.74	25.88	28.82	27.92	0.6196
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.82	25.8	28.82	27.92	0.6195
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	25.12	25.15	28.15	27.25	0.5303
77	30	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	1@1	25.81	25.91	28.87	27.97	0.6267
77	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.9	25.82	28.87	27.97	0.6267
77	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	25.09	25.25	28.18	27.28	0.5347
77	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.84	25.97	28.92	28.02	0.6333
77	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.96	25.97	28.98	28.08	0.6420
77	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.19	25.35	28.28	27.38	0.5471
77	30	25	635832	3537.48	DFT-s-OFDM PI/2 BPSK	1@1	25.91	25.95	28.94	28.04	0.6368
77	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	25.83	25.81	28.83	27.93	0.6209
77	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	25.2	25.2	28.21	27.31	0.5383



77	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	25.83	25.97	28.91	28.01	0.6325
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.87	25.92	28.91	28.01	0.6317
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	25.26	25.02	28.15	27.25	0.5311
77	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.86	26.03	28.96	28.06	0.6392
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.92	26.05	29.00	28.10	0.6450
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.1	25.34	28.23	27.33	0.5410
77	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	25.88	25.87	28.89	27.99	0.6288
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.96	25.9	28.94	28.04	0.6369
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	25.22	25.25	28.25	27.35	0.5427
77	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	25.72	25.74	28.74	27.84	0.6082
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.78	25.87	28.84	27.94	0.6217
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.96	25.18	28.08	27.18	0.5226
77	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.71	25.8	28.77	27.87	0.6117
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.67	26	28.85	27.95	0.6235
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.96	25.12	28.05	27.15	0.5189
77	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	25.71	25.74	28.74	27.84	0.6075
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.77	25.79	28.79	27.89	0.6152
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	25.05	25.02	28.05	27.15	0.5182
77	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	25.86	25.92	28.90	28.00	0.6310
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	26	26.12	29.07	28.17	0.6563
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	19.99	25.38	26.48	25.58	0.3616
77	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.92	26.17	29.06	28.16	0.6542
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	26	26.08	29.05	28.15	0.6532
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.26	25.41	28.35	27.45	0.5554
77	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	25.95	26.11	29.04	28.14	0.6518
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.03	26.25	29.15	28.25	0.6686
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	20.03	25.53	26.61	25.71	0.3722
77	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	25.69	25.99	28.85	27.95	0.6242
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.76	26.01	28.90	28.00	0.6305
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.93	25.23	28.09	27.19	0.5239
77	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.71	25.94	28.84	27.94	0.6218
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.77	25.95	28.87	27.97	0.6268
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.96	25.33	28.16	27.26	0.5320
77	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	25.8	25.97	28.90	28.00	0.6304
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.91	26.18	29.06	28.16	0.6542
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	25.11	25.35	28.24	27.34	0.5422
77	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	25.83	26.08	28.97	28.07	0.6408
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.84	26.02	28.94	28.04	0.6370
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	25.11	25.34	28.24	27.34	0.5416
77	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.86	26.05	28.97	28.07	0.6407
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.77	26.08	28.94	28.04	0.6365
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.24	25.35	28.31	27.41	0.5503



77	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	25.89	26.22	29.07	28.17	0.6559
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.91	26.36	29.15	28.25	0.6685
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	25.21	25.62	28.43	27.53	0.5663
77	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	25.89	26.2	29.06	28.16	0.6543
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	25.84	26.08	28.97	28.07	0.6415
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	25.16	25.4	28.29	27.39	0.5485
77	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.94	26.16	29.06	28.16	0.6549
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	26	26.07	29.05	28.15	0.6524
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.1	25.32	28.22	27.32	0.5397
77	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	25.91	26.11	29.02	28.12	0.6489
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.99	26.21	29.11	28.21	0.6625
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	25.19	25.5	28.36	27.46	0.5569
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	25.9	26.15	29.04	28.14	0.6512
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.98	26.13	29.07	28.17	0.6555
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	25.12	25.42	28.28	27.38	0.5474
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.9	26.27	29.10	28.20	0.6606
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.99	26.15	29.08	28.18	0.6578
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.3	25.51	28.42	27.52	0.5645
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	25.95	26.21	29.09	28.19	0.6595
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	26.03	26.24	29.15	28.25	0.6678
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	25.32	25.63	28.49	27.59	0.5739
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.75	25.93	28.85	27.95	0.6239
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.98	26.18	29.09	28.19	0.6594
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.7	25.6	28.66	27.76	0.5971
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.81	26	28.92	28.02	0.6333
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.93	26.18	29.07	28.17	0.6557
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.71	25.56	28.65	27.75	0.5951
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	25.03	25.19	28.12	27.22	0.5274
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.29	25.55	28.43	27.53	0.5665
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	25.02	24.88	27.96	27.06	0.5083
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.52	23.64	26.59	25.69	0.3707
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.76	23.93	26.86	25.96	0.3941
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	23.47	23.3	26.40	25.50	0.3545
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.55	21.66	24.62	23.72	0.2353
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.4	21.53	24.48	23.58	0.2278
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	21.13	20.95	24.05	23.15	0.2066
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	24.52	24.64	27.59	26.69	0.4667
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.72	24.99	27.87	26.97	0.4974
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	24.49	24.31	27.41	26.51	0.4478



# ULMIMO N77 (Ant8+Ant4)\_Ant4

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0031	PASS	NV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0027	PASS	LV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0024	PASS	HV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0022	PASS	-30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0016	PASS	-20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.0008	PASS	-10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0017	PASS	0°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.0013	PASS	10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0024	PASS	20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0019	PASS	30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0026	PASS	40°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0011	PASS	50°C



### Peak to Average Ratio

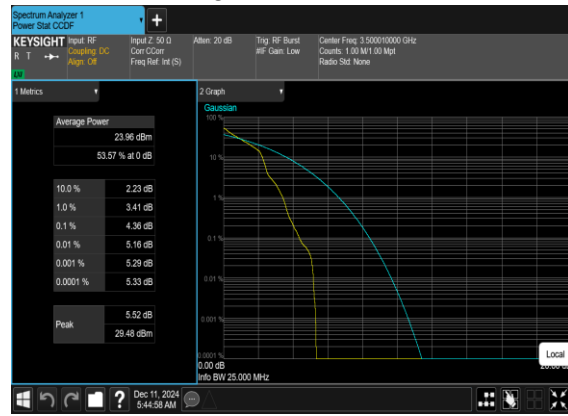
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	4.51	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	4.36	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	5.62	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	5.83	13	PASS



N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH





### 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	8.5739	9.868
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5571	9.405
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5645	9.487
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5766	9.304
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.592	14.87
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.577	14.6
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.576	14.91
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.587	14.65
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.247	19.32
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.2	19.63
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.139	19.62
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.195	19.33
77	30	25	633334	3500.01	CP-OFDM QPSK	65@0	18.206	19.35
77	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.136	24.51
77	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.188	24.23
77	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.24	24.52
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.783	29.29
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.835	29.08
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.769	28.95
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.867	28.89
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	27.869	29.59
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.824	39.34
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.814	39.67



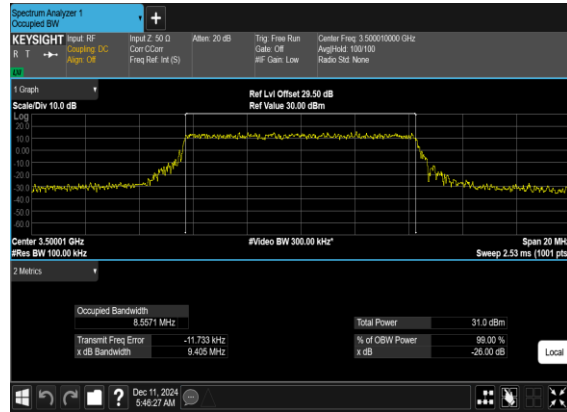
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.878	39.67
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.553	49.08
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.48	49.27
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.488	49.45
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.389	49.15
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.897	59.7
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.774	60.05
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.82	59.79
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.805	59.71
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.383	69.7
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.436	69.61
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.371	69.71
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.43	70.06
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.456	80.14
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.563	80.1
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.353	79.84
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.433	79.89
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.545	90.35
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.255	90.28
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.573	90.17
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.496	90.3
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.475	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.386	100.5
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.573	100.7
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.376	100.7



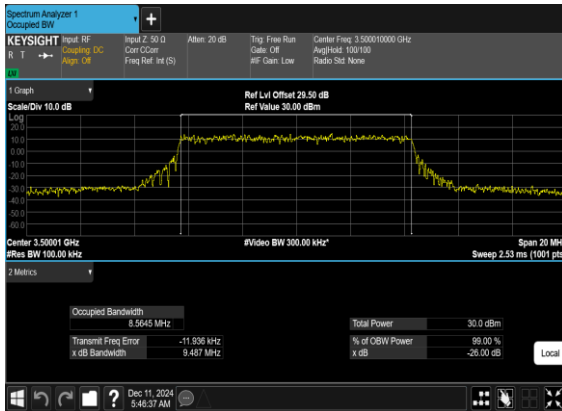
N77(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



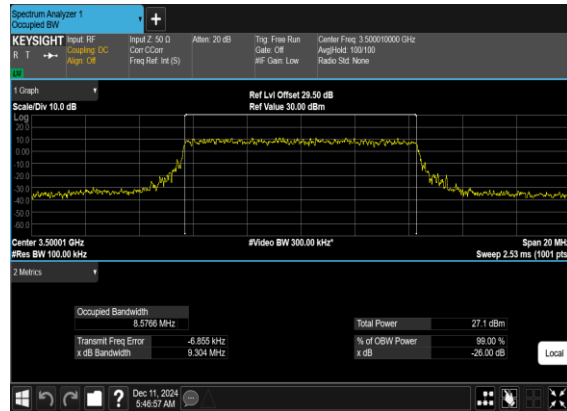
N77(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N77(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

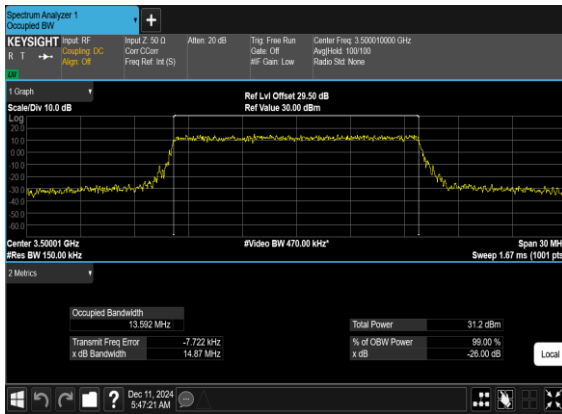


N77(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

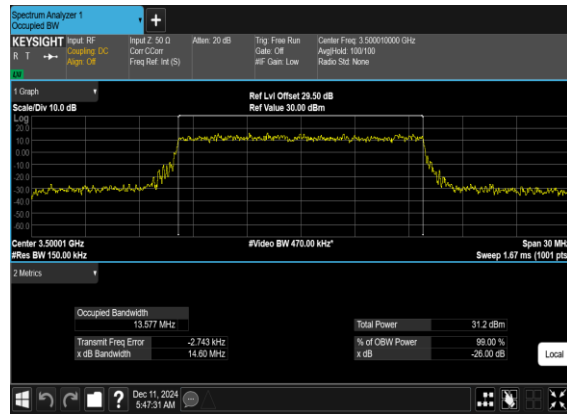




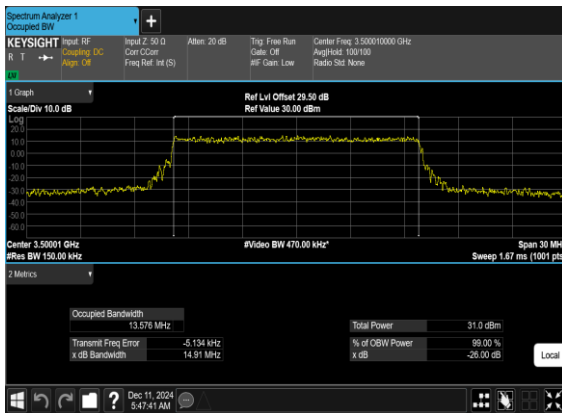
N77(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



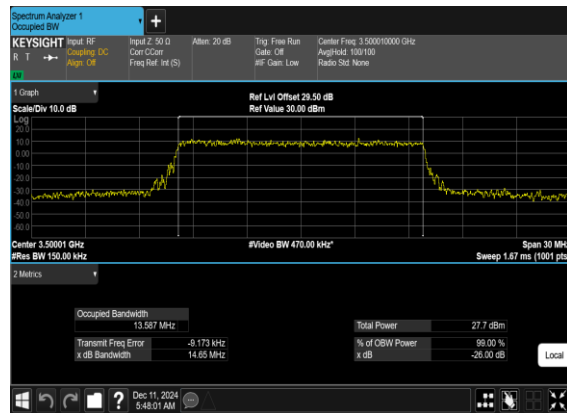
N77(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

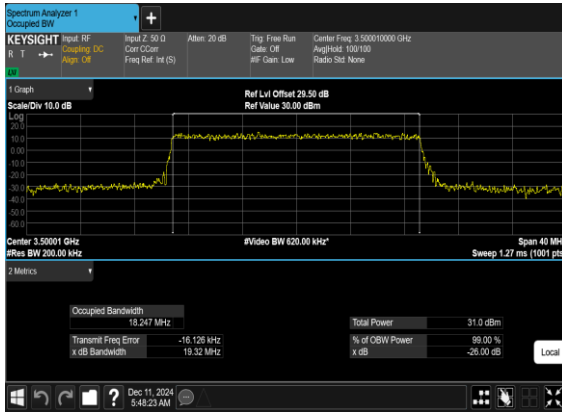


N77(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

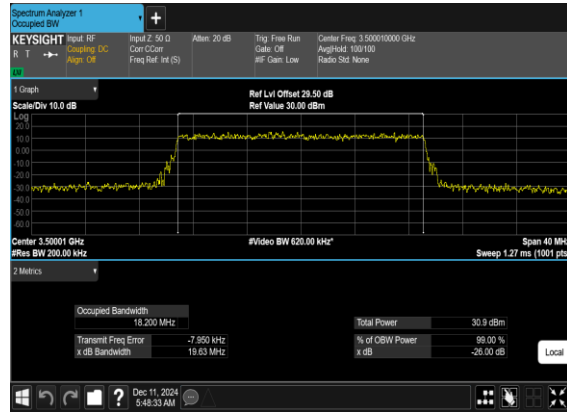




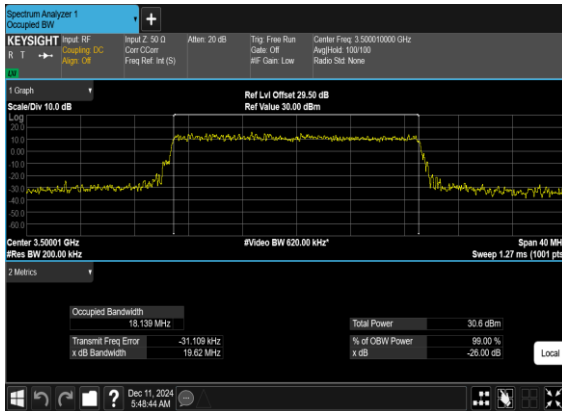
N77(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



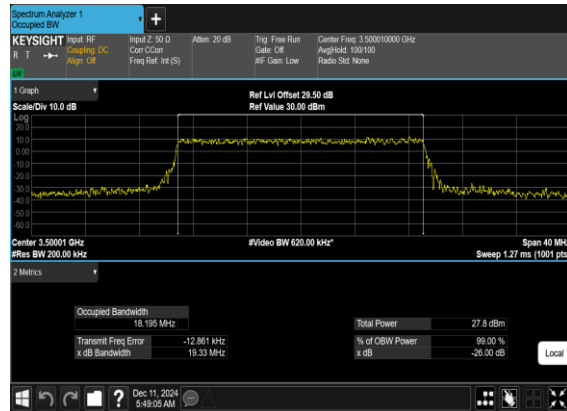
N77(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

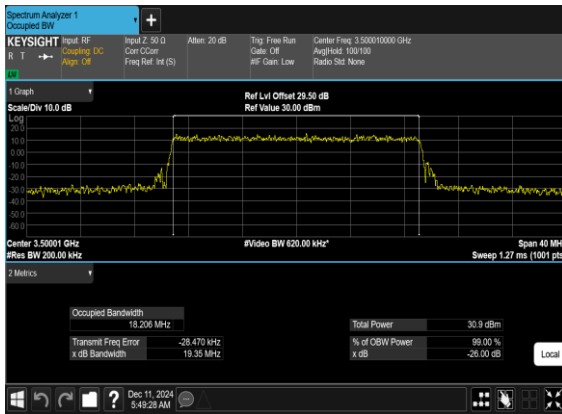


N77(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

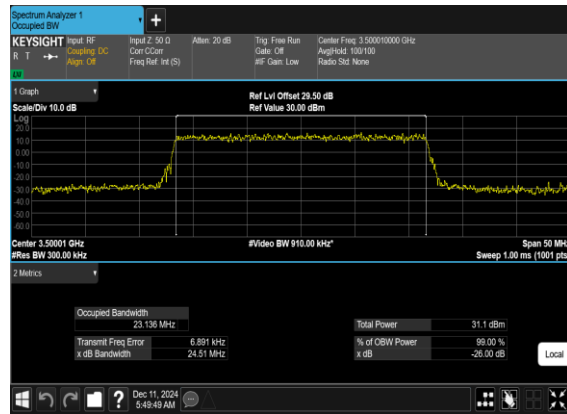




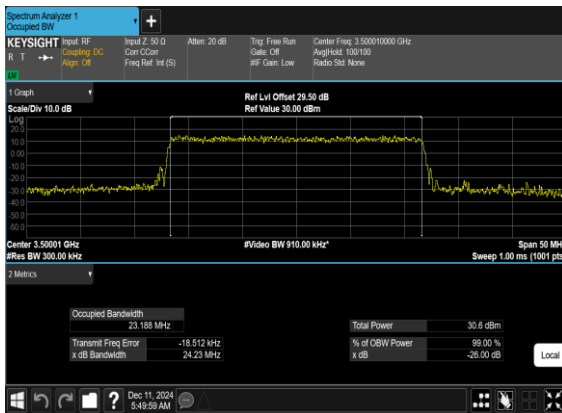
N77(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



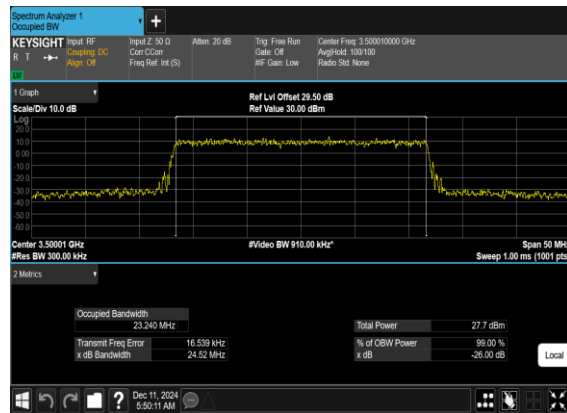
N77(25M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(25M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

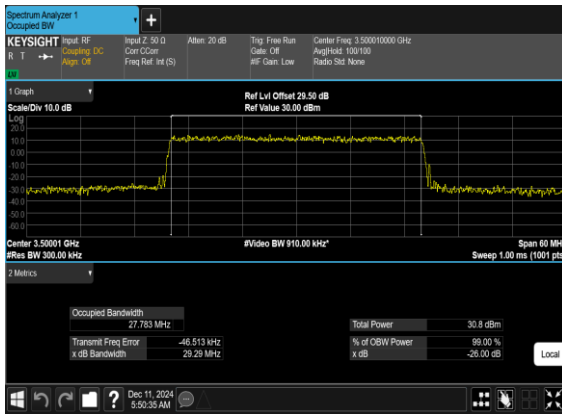


N77(25M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

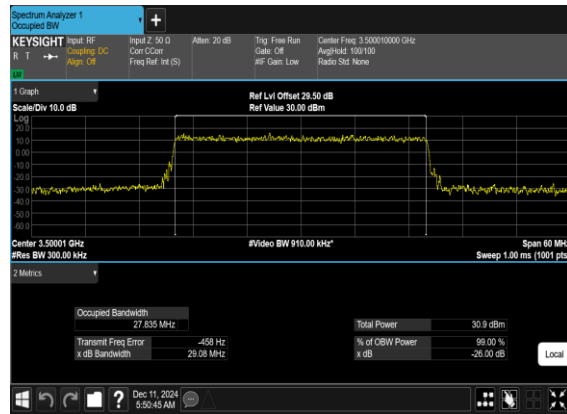




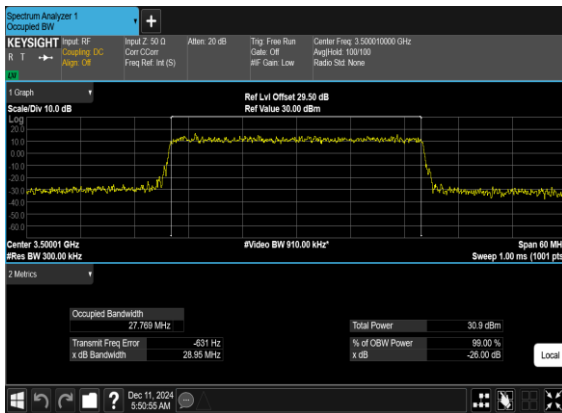
N77(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



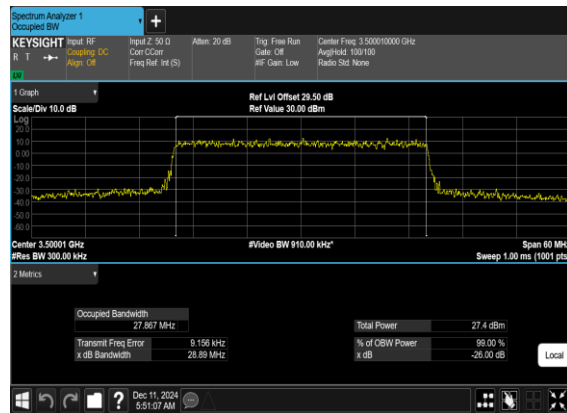
N77(30M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(30M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

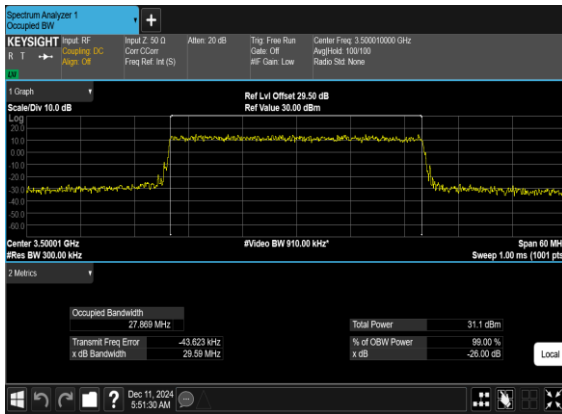


N77(30M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

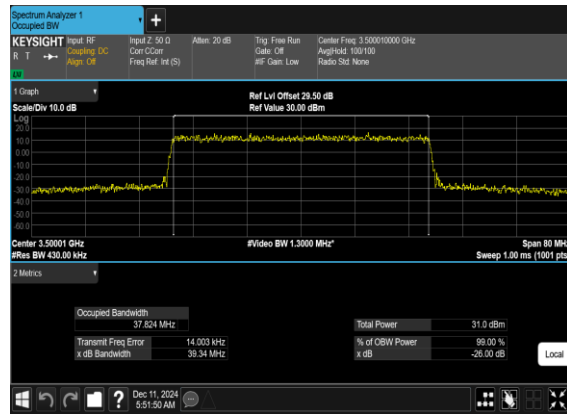




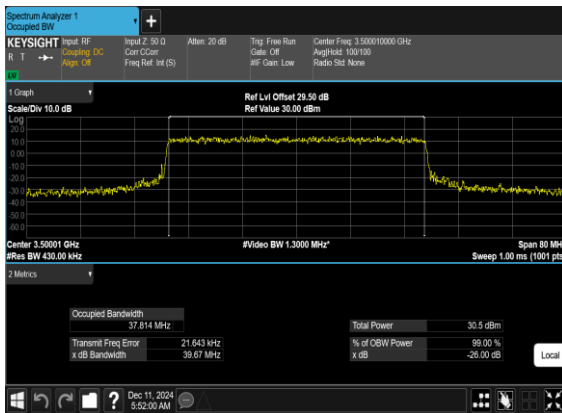
N77(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



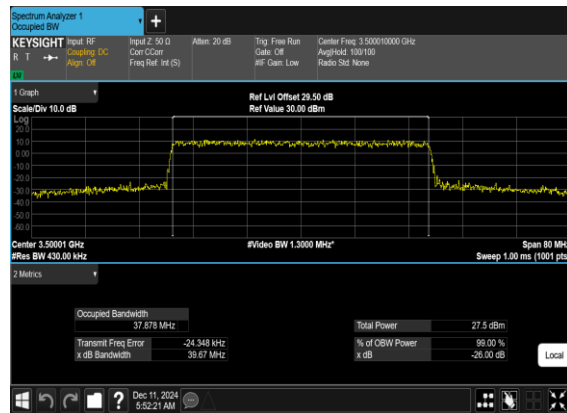
N77(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N77(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

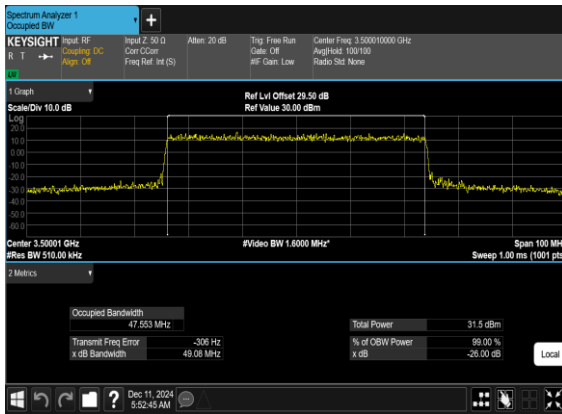


N77(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

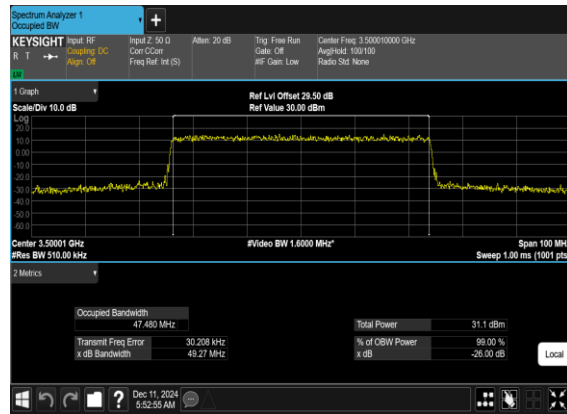




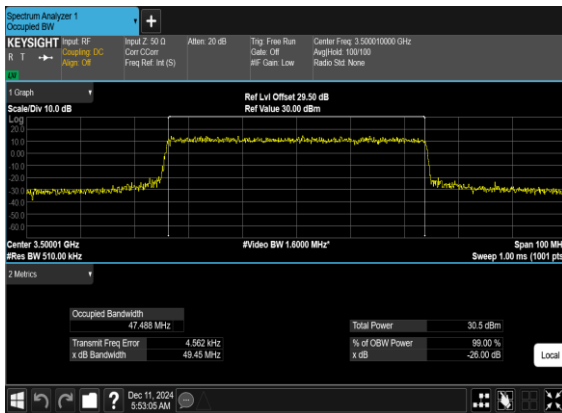
N77(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



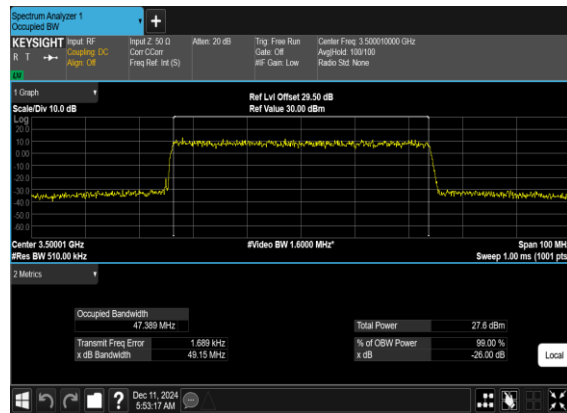
N77(50M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(50M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

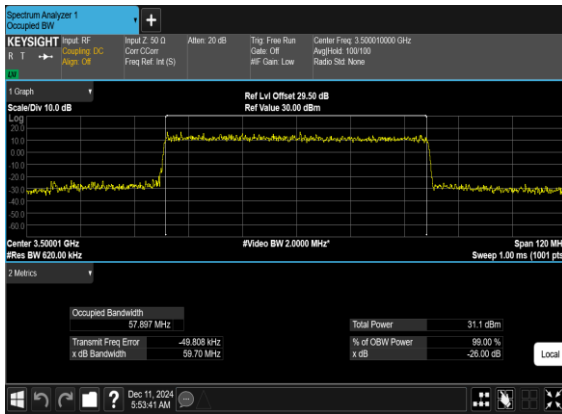


N77(50M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

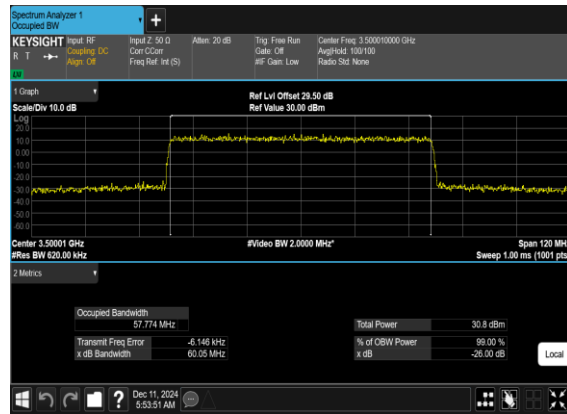




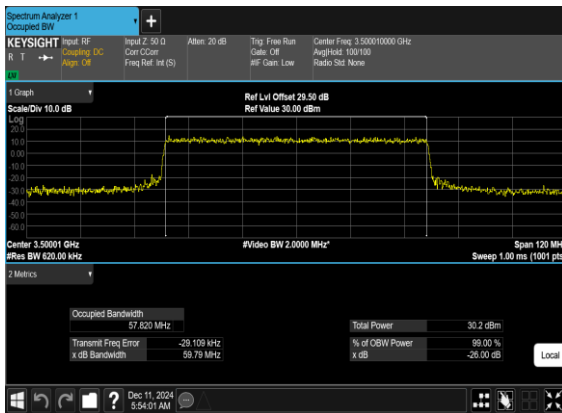
N77(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



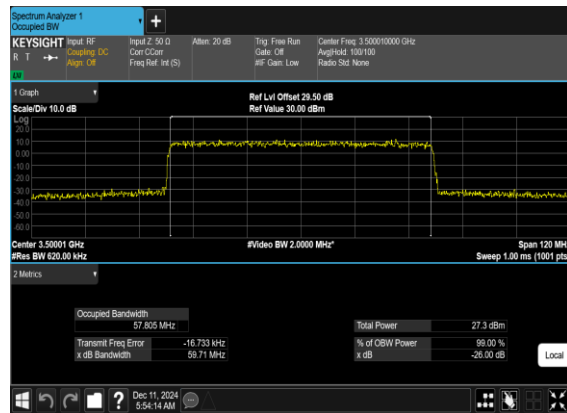
N77(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N77(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

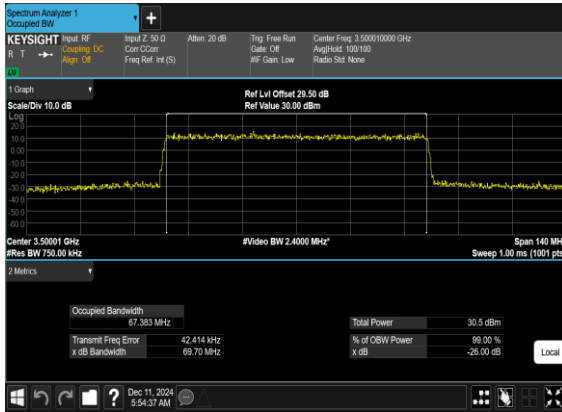


N77(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

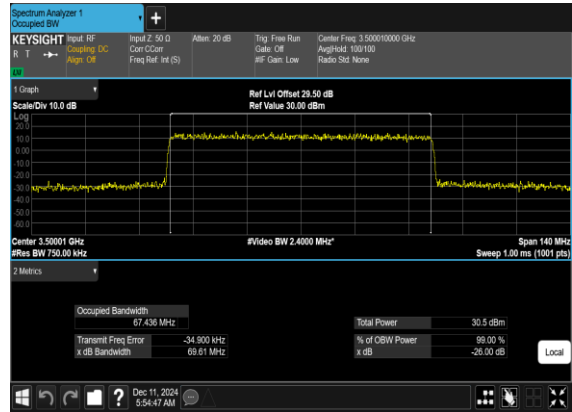




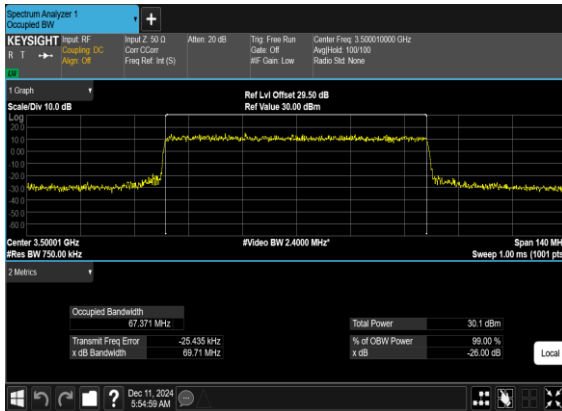
N77(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



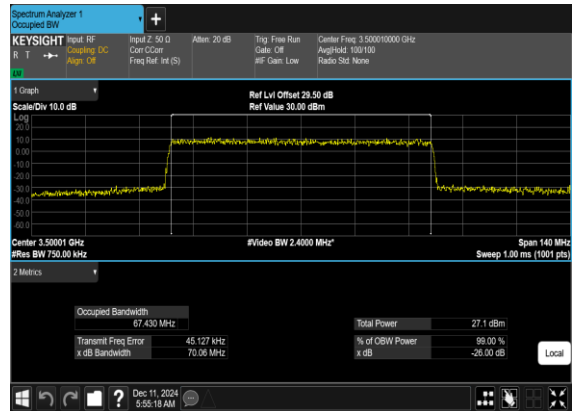
N77(70M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(70M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

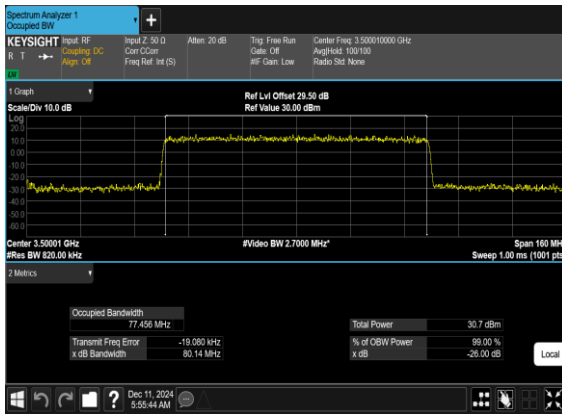


N77(70M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

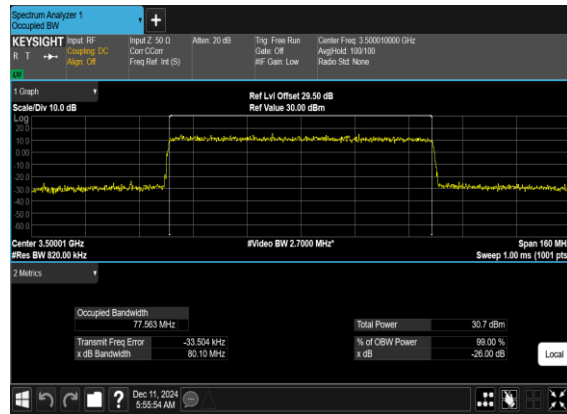




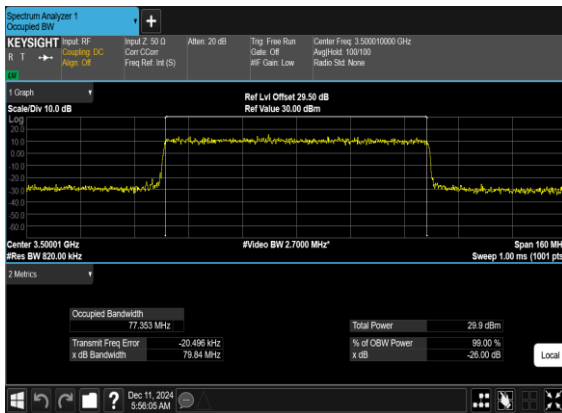
N77(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



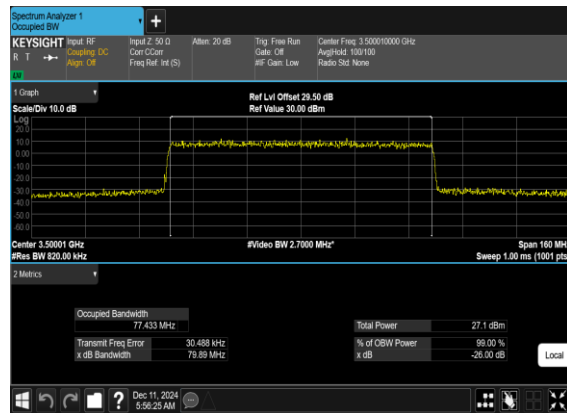
N77(80M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(80M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

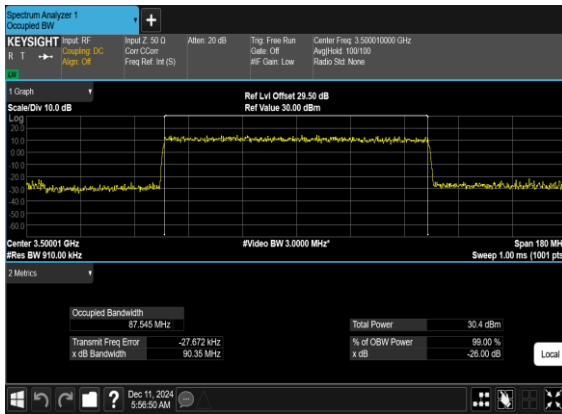


N77(80M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

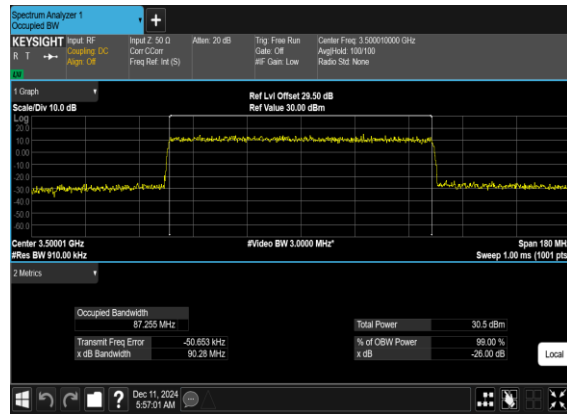




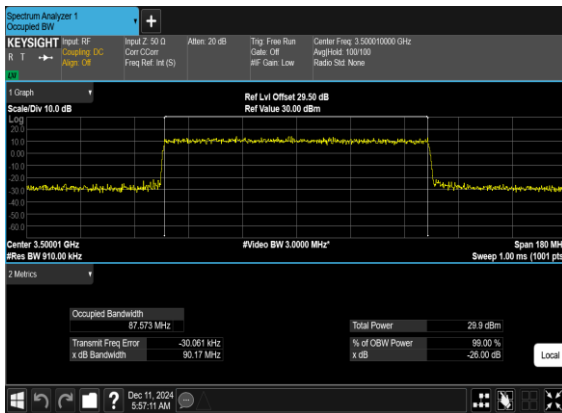
N77(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



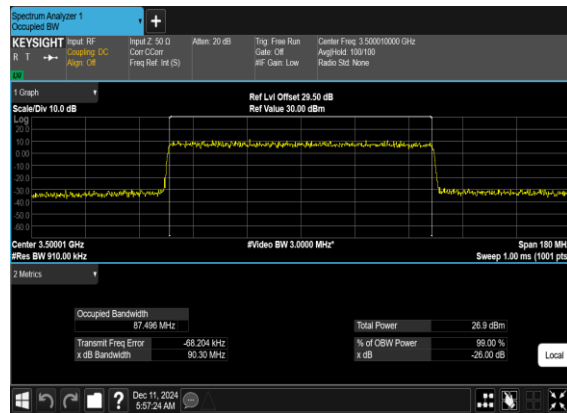
N77(90M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(90M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

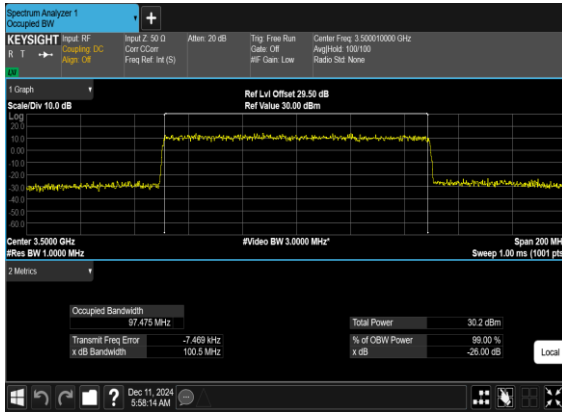


N77(90M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

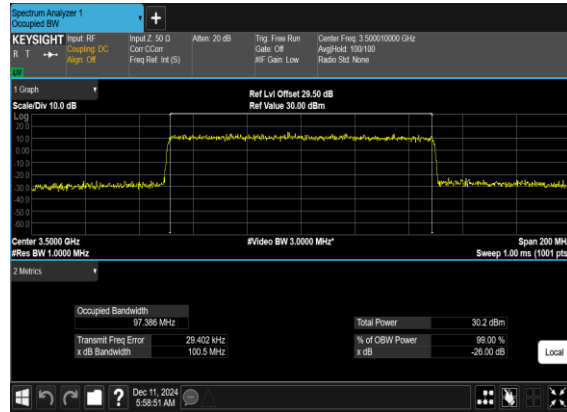




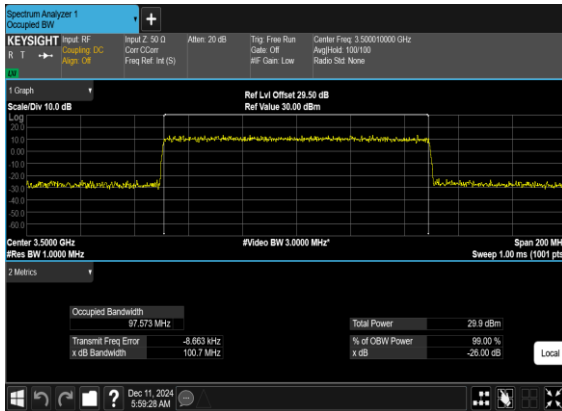
N77(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



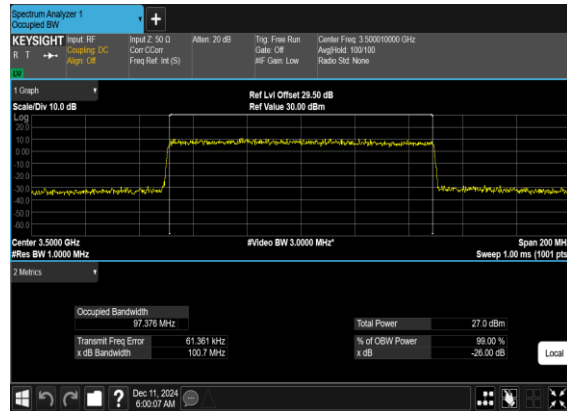
N77(100M)\_CP-OFDM\_16\_QAM\_Outer\_Full\_Mid\_CH



N77(100M)\_CP-OFDM\_64\_QAM\_Outer\_Full\_Mid\_CH



N77(100M)\_CP-OFDM\_256\_QAM\_Outer\_Full\_Mid\_CH





### Conducted Spurious Emissions

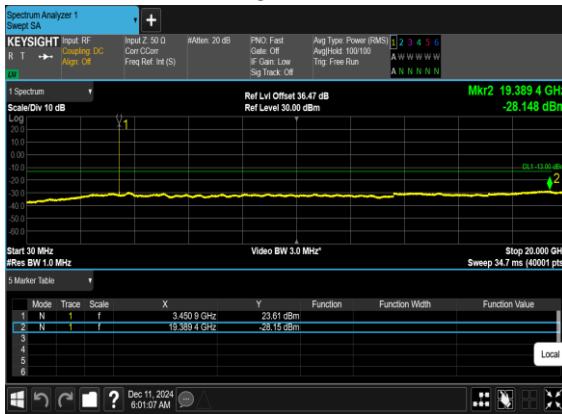
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see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



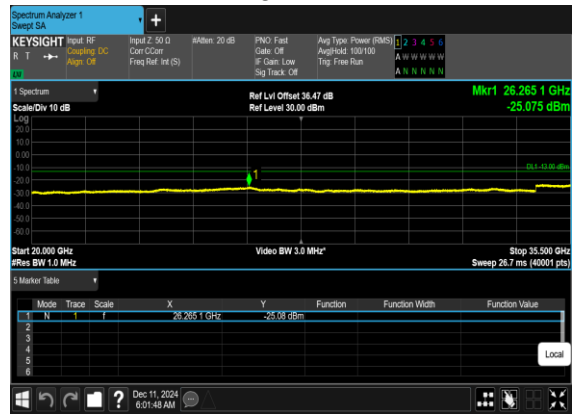
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS



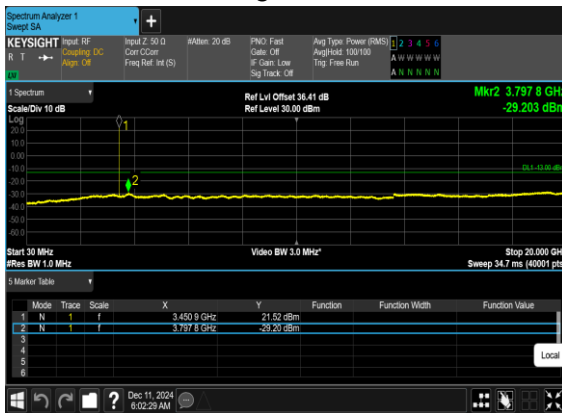
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



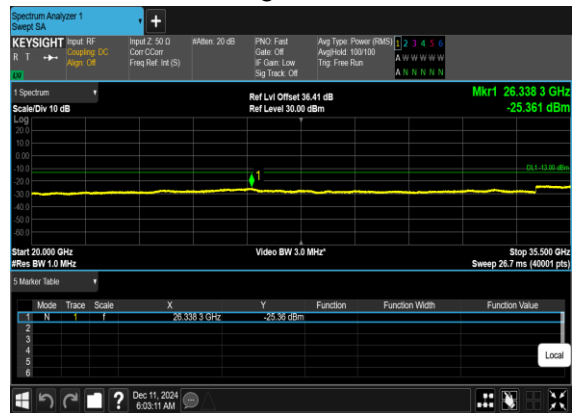
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

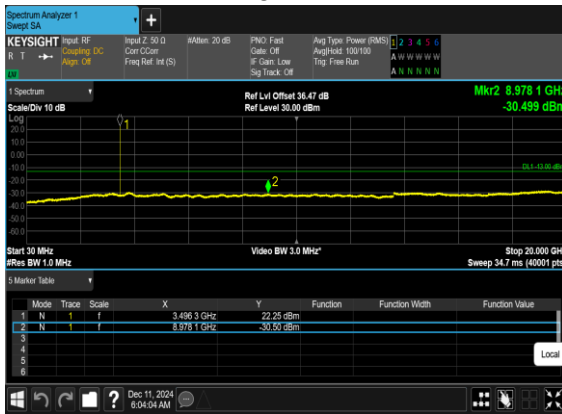


N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

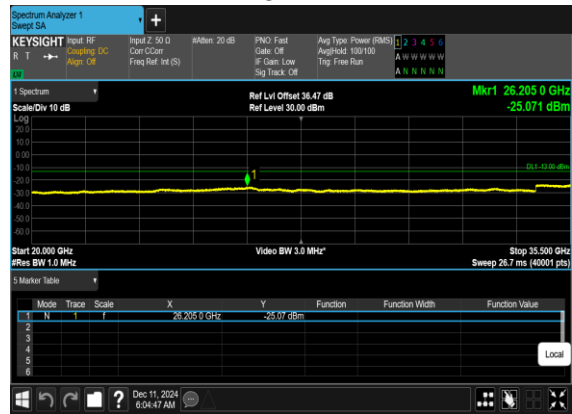




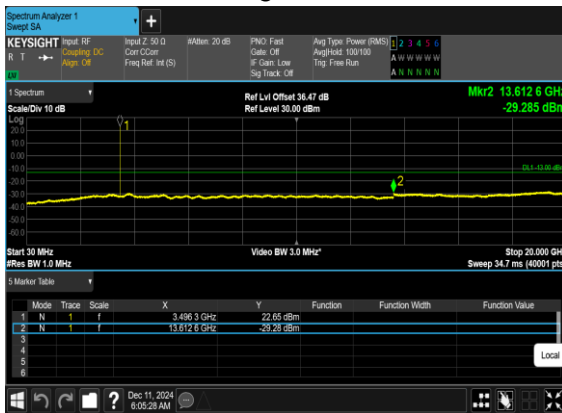
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



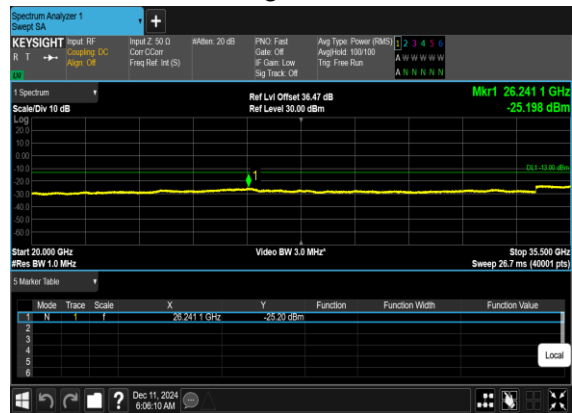
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

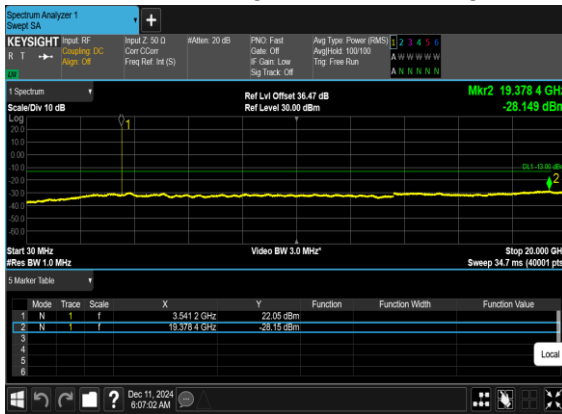


N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

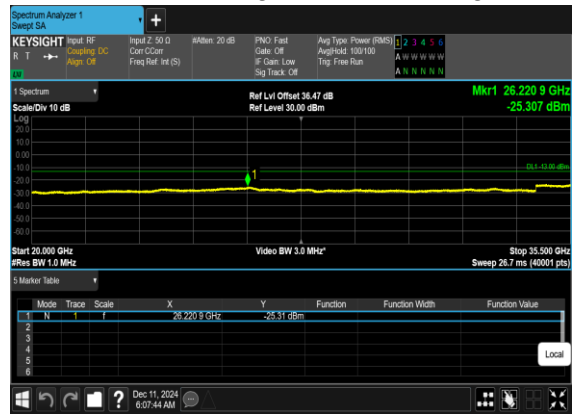




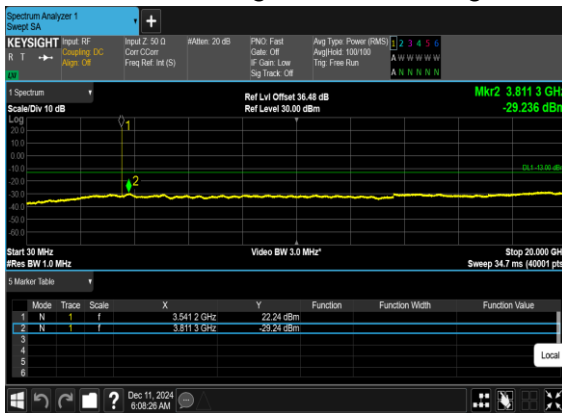
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



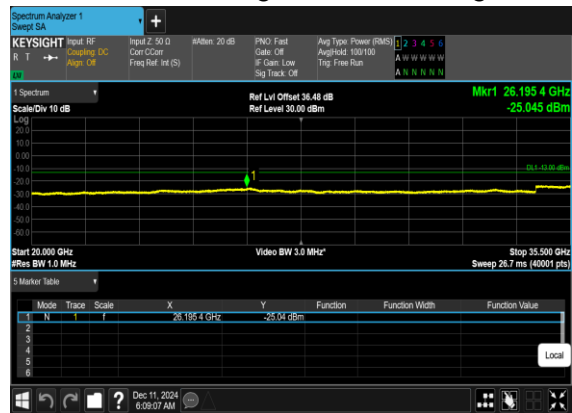
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

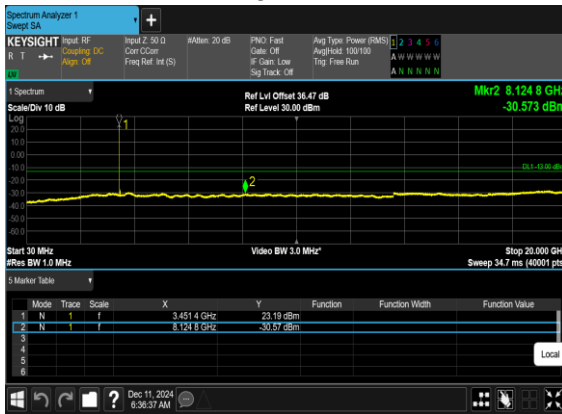


N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

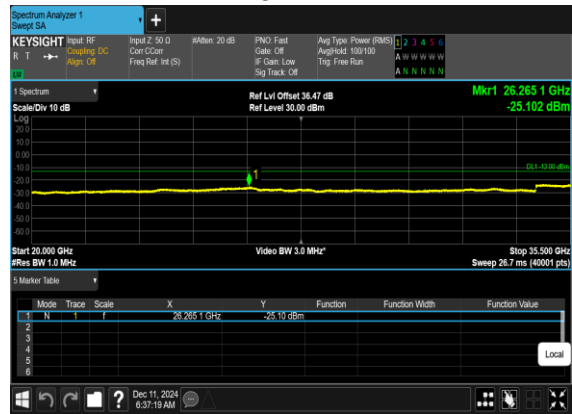




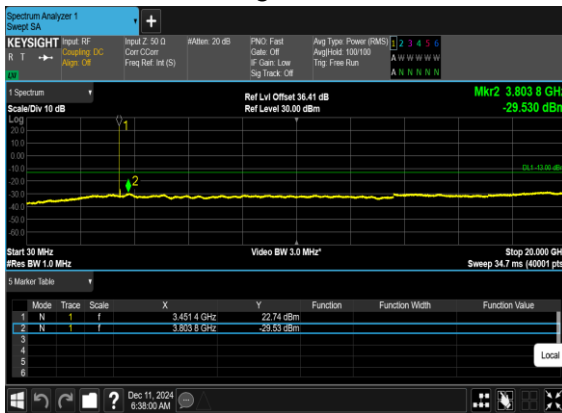
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



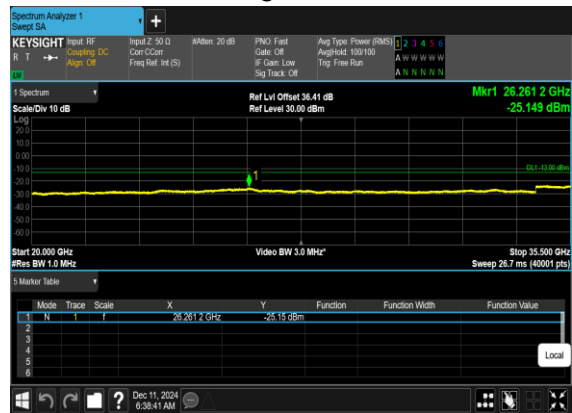
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

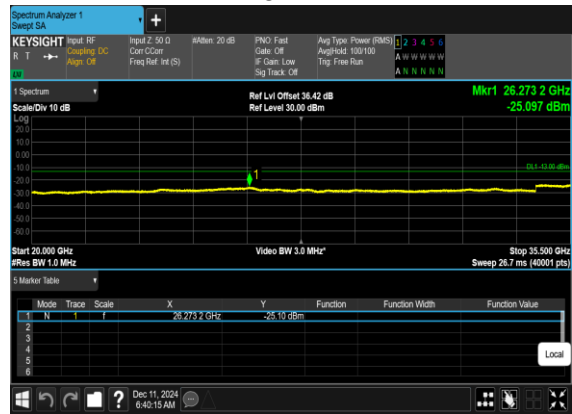




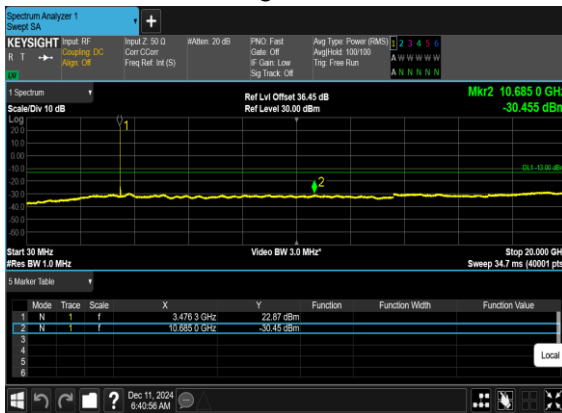
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



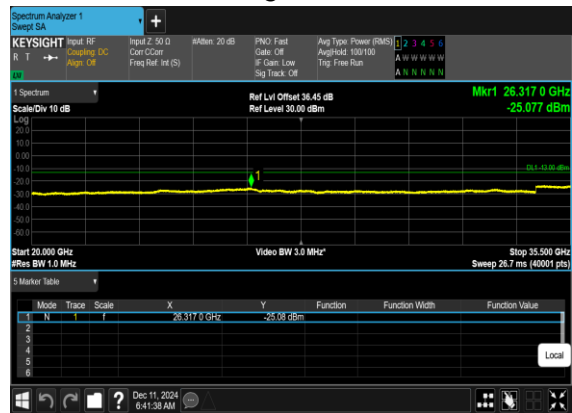
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

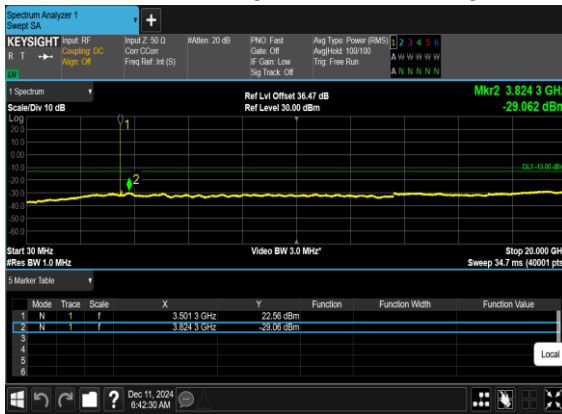


N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

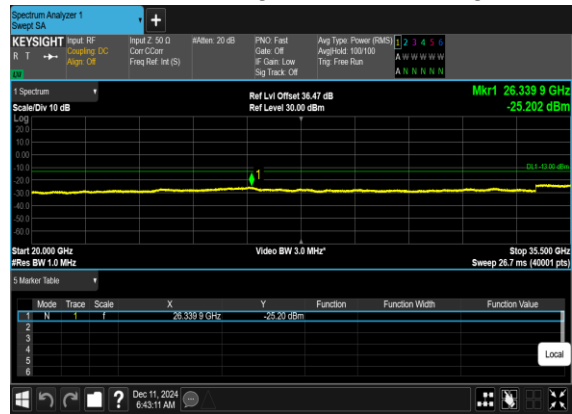




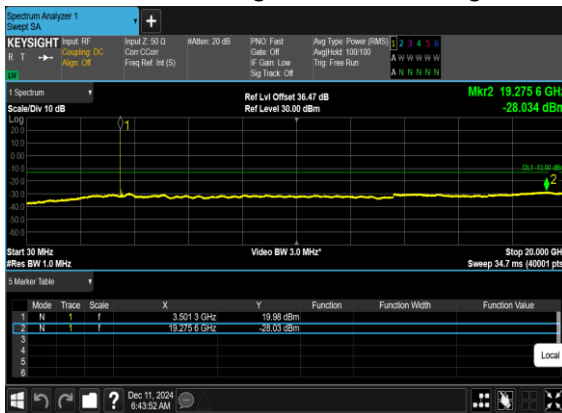
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



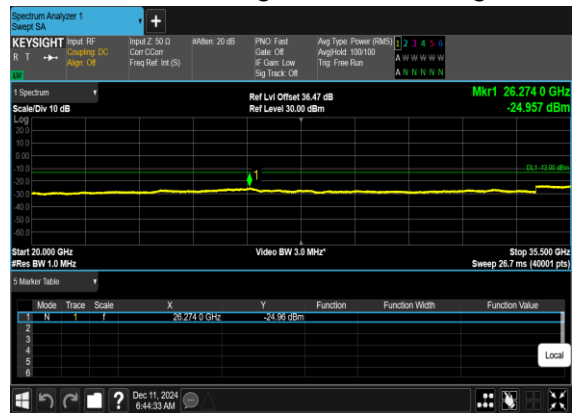
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

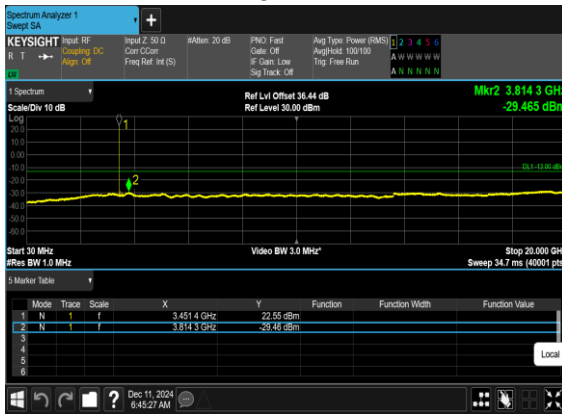


N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

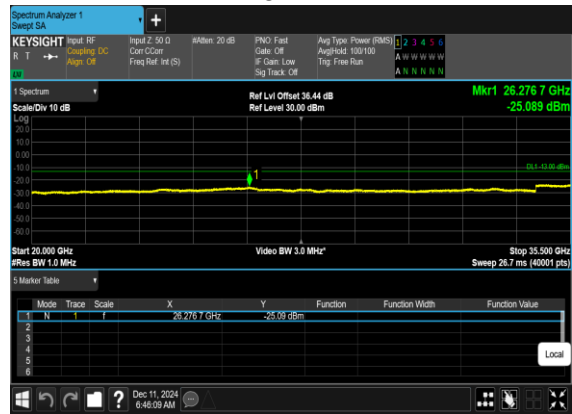




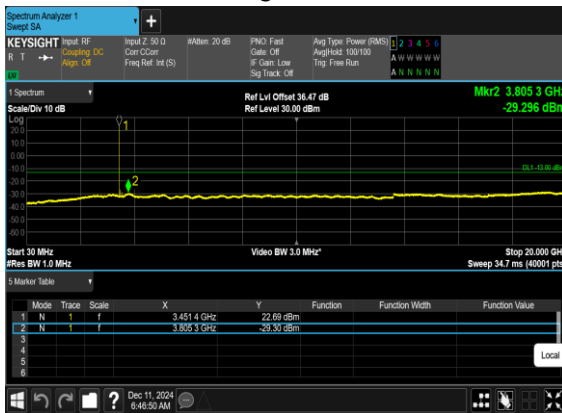
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



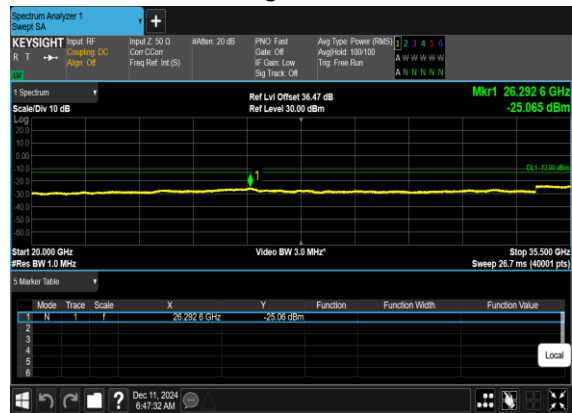
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(100M)\_DFT-s-OFDM\_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	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS