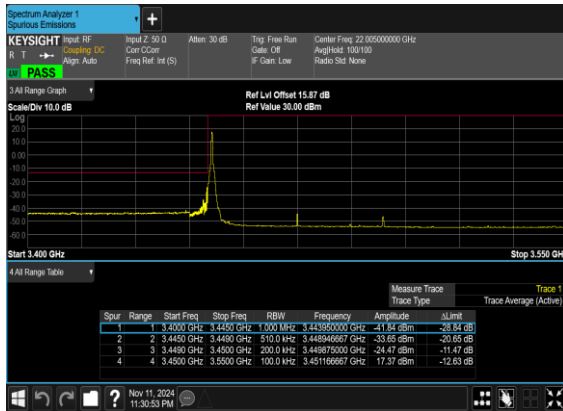
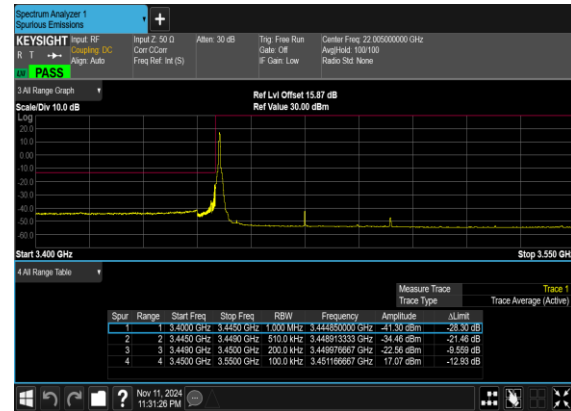




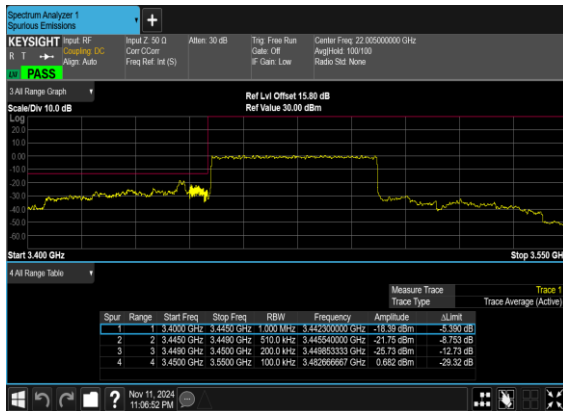
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



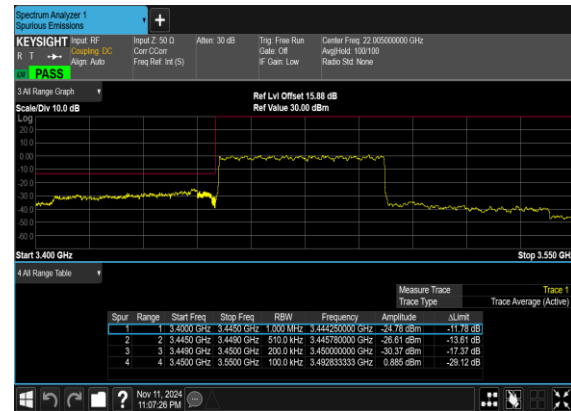
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

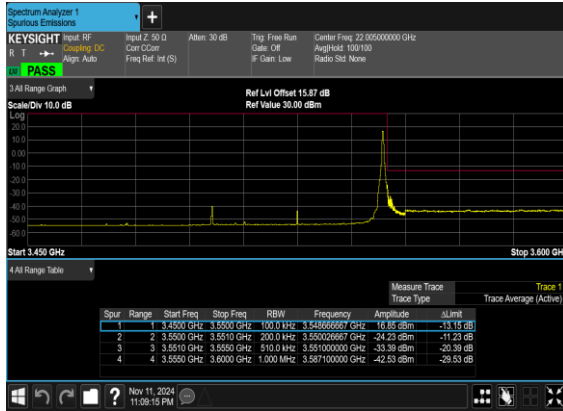


N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

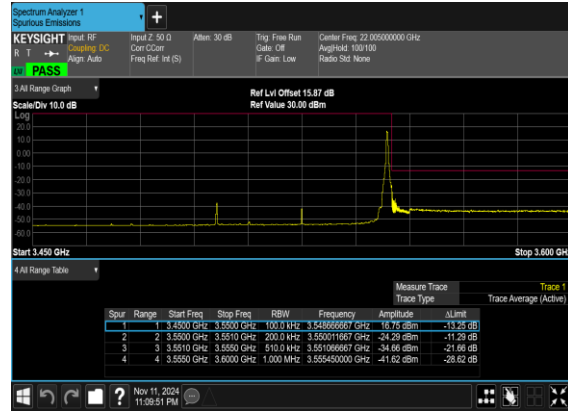




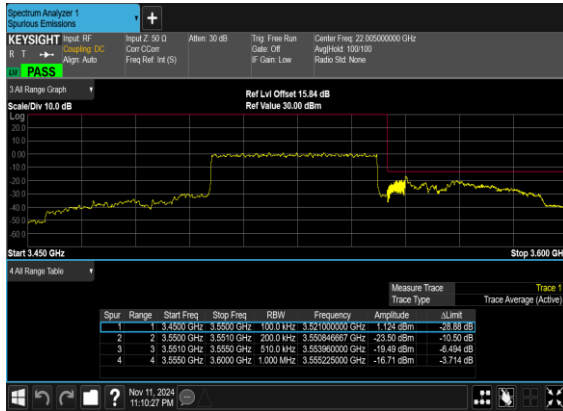
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



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



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

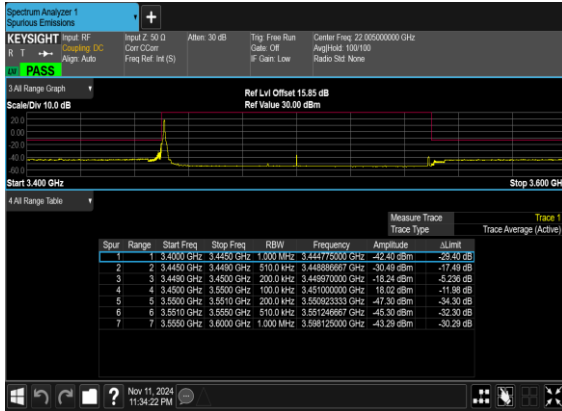


N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

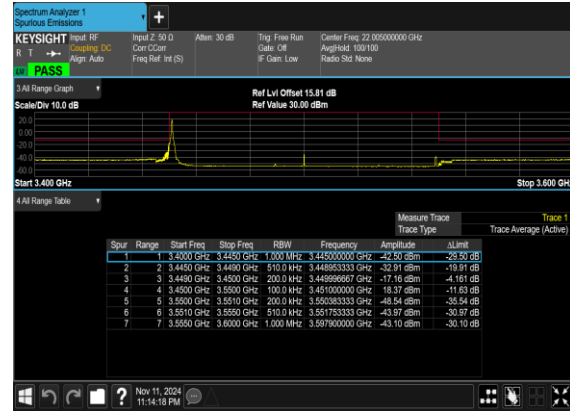




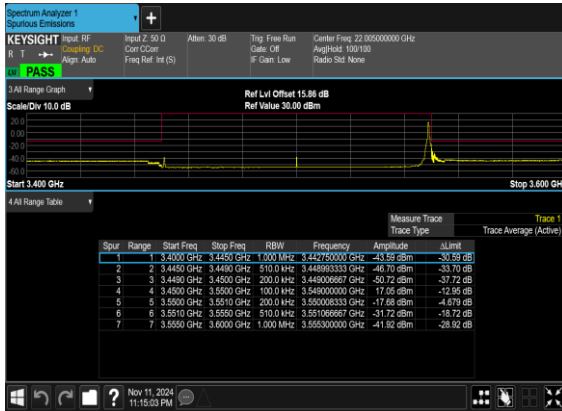
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



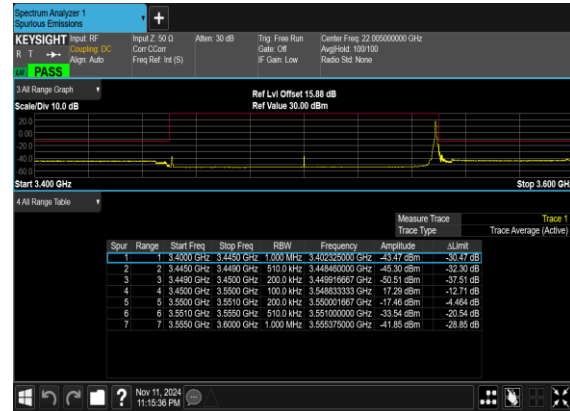
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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

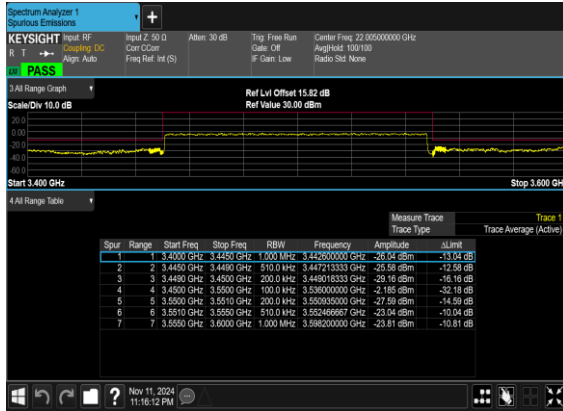


N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH

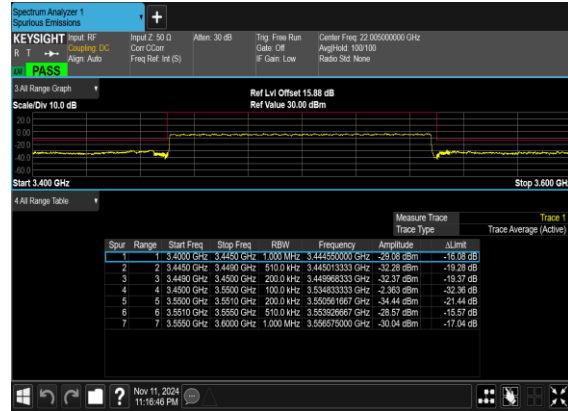




N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



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





Software Version: 23.06.1602

# FR1 N77 (Ant.4) – Other PA

LTE Band: 5(Ant.0), LTE BW: 10M, LTE ARFCN: Mid

## Transmitter Conducted Output Power and EIRP, (G<sub>T</sub> - L<sub>c</sub>)= -0.5dB

NR Band	SCS	Band Width	Arfcn	Freq MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.91	25.41	0.3475
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	25.61	25.11	0.3243
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.03	25.53	0.3573
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.96	25.46	0.3516
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	26.14	25.64	0.3664
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	25.96	25.46	0.3516
77	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	26.05	25.55	0.3589
77	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	25.77	25.27	0.3365
77	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.1	25.6	0.3631
77	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.89	25.39	0.3459
77	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	26.19	25.69	0.3707
77	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	26.06	25.56	0.3597
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.97	25.47	0.3524
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	25.8	25.3	0.3388
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.12	25.62	0.3648
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.9	25.4	0.3467
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	26.17	25.67	0.3690
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	26.04	25.54	0.3581
77	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	26.07	25.57	0.3606
77	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	25.9	25.4	0.3467
77	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.15	25.65	0.3673
77	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.96	25.46	0.3516
77	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	26.12	25.62	0.3648
77	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	26.08	25.58	0.3614
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	26.2	25.7	0.3715
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	25.95	25.45	0.3508
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.22	25.72	0.3733
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.13	25.63	0.3656
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	26.23	25.73	0.3741
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	26.19	25.69	0.3707
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	26.22	25.72	0.3733
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	25.99	25.49	0.3540
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.17	25.67	0.3690



77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.04	25.54	0.3581
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	26.12	25.62	0.3648
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	26.09	25.59	0.3622
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.77	25.27	0.3365
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	25.54	25.04	0.3192
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.97	25.47	0.3524
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.64	25.14	0.3266
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.14	25.64	0.3664
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	25.97	25.47	0.3524
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.91	25.41	0.3475
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	25.8	25.3	0.3388
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.07	25.57	0.3606
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.86	25.36	0.3436
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	26.11	25.61	0.3639
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	25.95	25.45	0.3508
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.87	25.37	0.3443
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	25.85	25.35	0.3428
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.96	25.46	0.3516
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.73	25.23	0.3334
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	26.06	25.56	0.3597
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	25.85	25.35	0.3428
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	25.91	25.41	0.3475
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	25.69	25.19	0.3304
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.84	25.34	0.3420
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.72	25.22	0.3327
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	26	25.5	0.3548
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	25.8	25.3	0.3388
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.85	25.35	0.3428
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	25.71	25.21	0.3319
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.85	25.35	0.3428
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.71	25.21	0.3319
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.87	25.37	0.3443
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	25.75	25.25	0.3350
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK 135@67	1@1	26.23	25.73	0.3741
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.11	25.61	0.3639
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	26.08	25.58	0.3614
77	30	100	633334	3500.01	DFT-s-OFDM QPSK 135@67	1@1	26.11	25.61	0.3639
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.13	25.63	0.3656
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	26.13	25.63	0.3656
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM 135@67	1@1	25.92	25.42	0.3483
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.86	25.36	0.3436



77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	25.8	25.3	0.3388
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	24.4	23.9	0.2455
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.4	23.9	0.2455
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	24.35	23.85	0.2427
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	22.45	21.95	0.1567
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.42	21.92	0.1556
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	22.36	21.86	0.1535
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	25.41	24.91	0.3097
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	25.43	24.93	0.3112
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	25.27	24.77	0.2999



### Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	16.3	PASS	NV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	11.8	PASS	LV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	14.3	PASS	HV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	11.9	PASS	-30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	11.8	PASS	-20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	12.2	PASS	-10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.4	PASS	0°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	16.3	PASS	10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	18	PASS	20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.7	PASS	30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.7	PASS	40°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	11.3	PASS	50°C

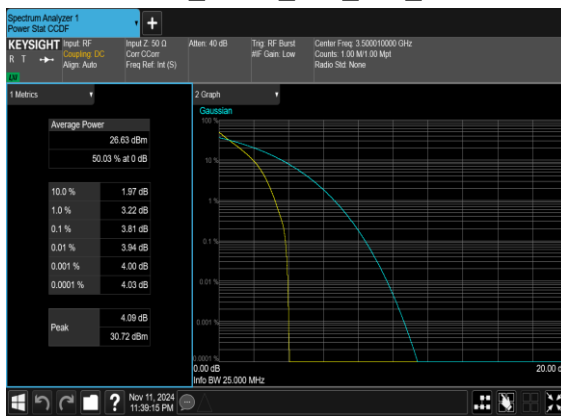
|MAX(Δf)| = 18.0 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL -  MAX(Δf)	3450.777182	≥ 3450 MHz	PASS
fH +  MAX(Δf)	3548.667823	≤ 3550 MHz	

### 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	3.81	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	5.26	13	PASS

B5\_N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



B5\_N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





### Occupied Bandwidth

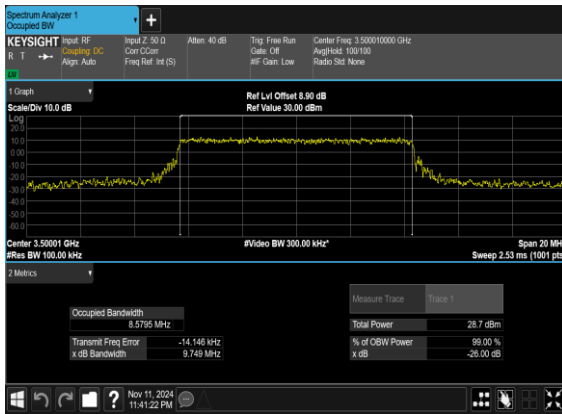
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5795	9.749
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5828	9.377
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5987	9.633
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5914	9.032
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.577	14.72
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.574	14.84
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.57	14.76
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.566	14.82
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.259	19.68
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.25	19.43
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.248	19.1
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.215	19.76
77	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.21	24.67
77	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.13	24.21
77	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.098	24.55
77	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.191	24.53
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.88	29.33
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.875	29.37
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.789	29.24
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.862	28.95
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.796	39.12
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.874	39.13
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.956	39.47



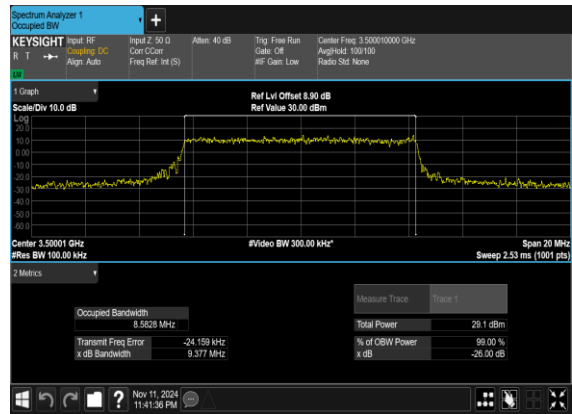
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	38.103	39.47
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.341	49.0
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.462	49.16
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.554	49.1
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.505	49.29
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.777	59.8
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.987	59.89
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.666	59.65
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.768	59.81
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.504	70.13
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.414	69.87
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.491	69.67
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.571	69.84
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.406	80.16
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.304	80.1
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.415	80.17
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.613	79.94
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.338	90.15
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.495	90.29
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.249	90.26
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.476	90.15
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.53	100.6
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.377	100.4
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.603	100.6
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.523	100.6



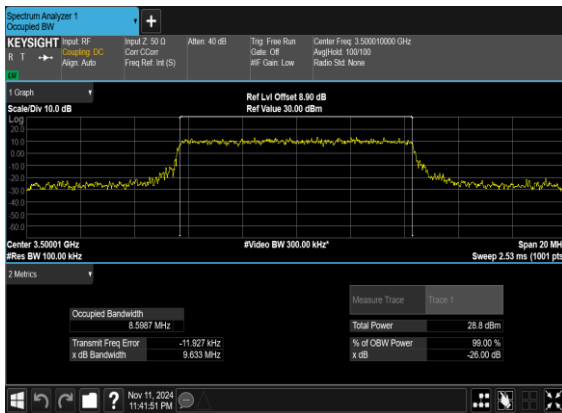
B5\_N77(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



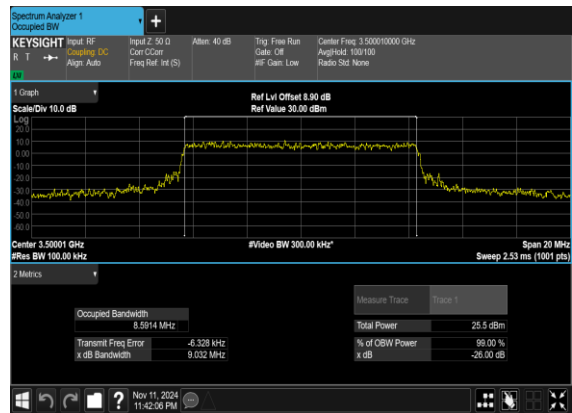
B5\_N77(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

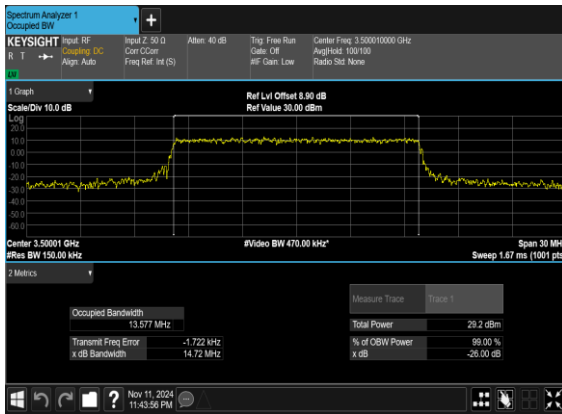


B5\_N77(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

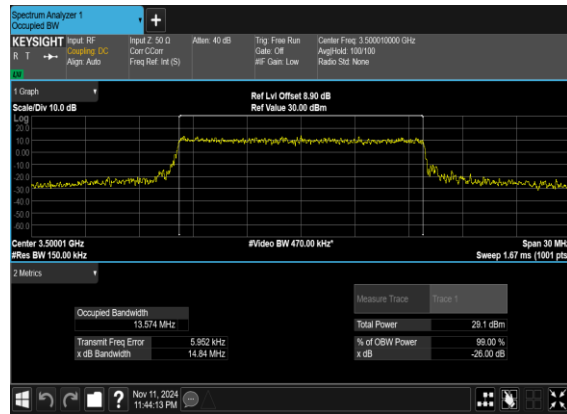




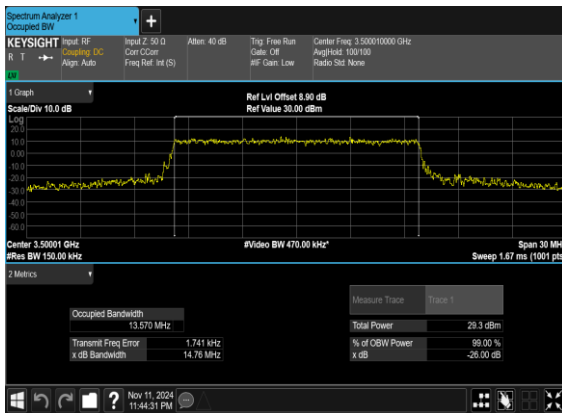
B5\_N77(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



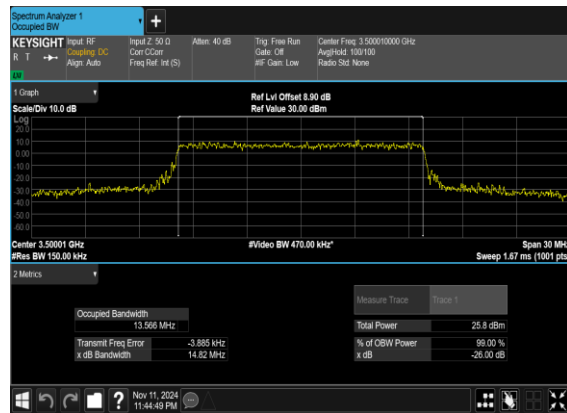
B5\_N77(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

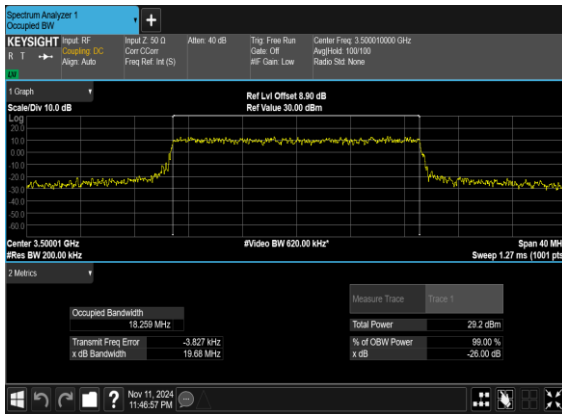


B5\_N77(15M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

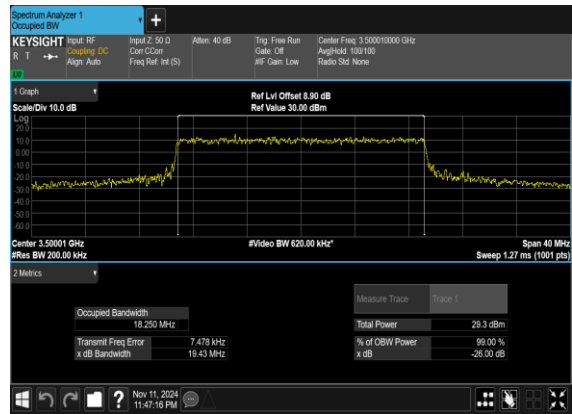




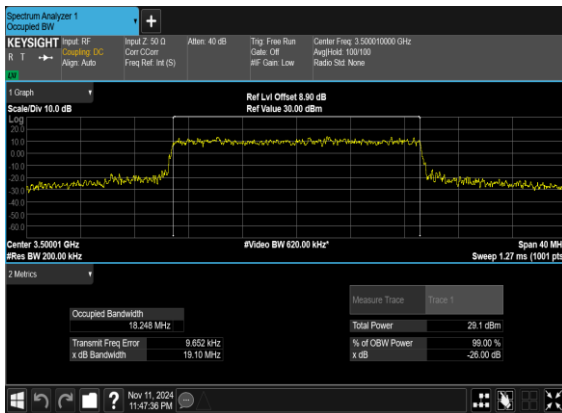
B5\_N77(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



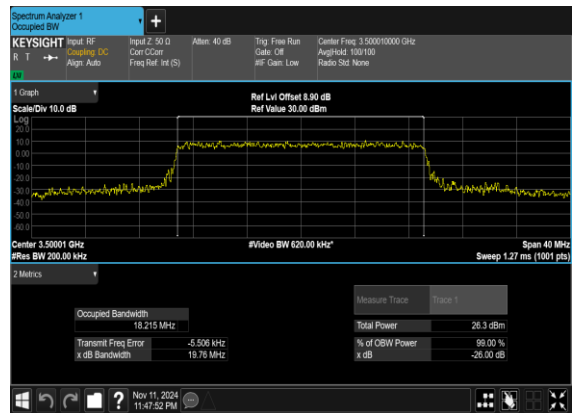
B5\_N77(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

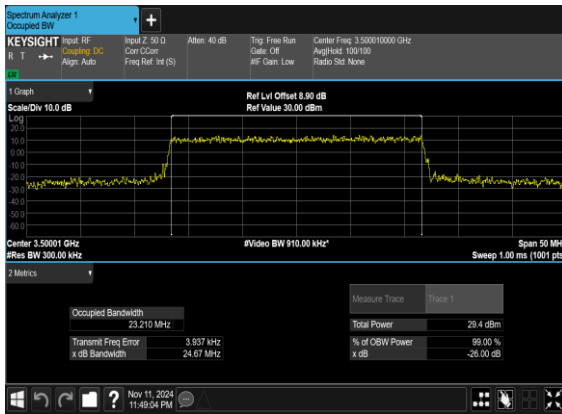


B5\_N77(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

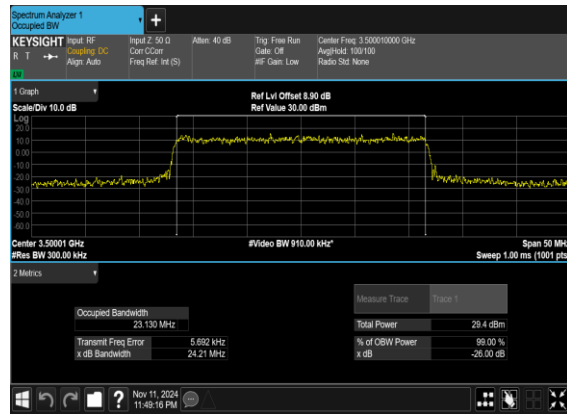




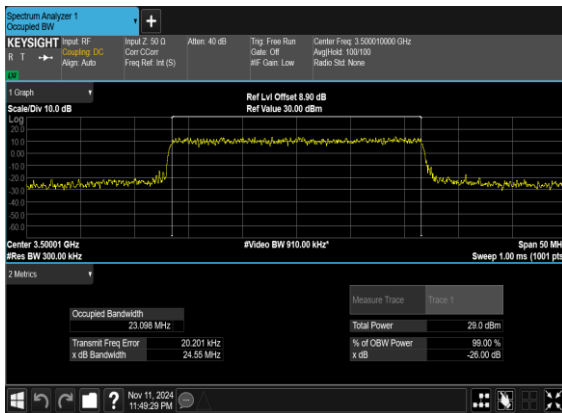
B5\_N77(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



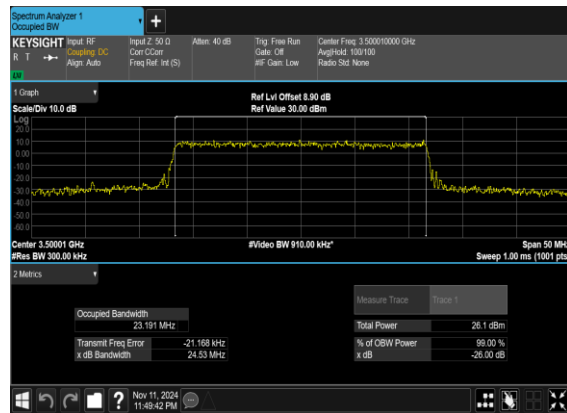
B5\_N77(25M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(25M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

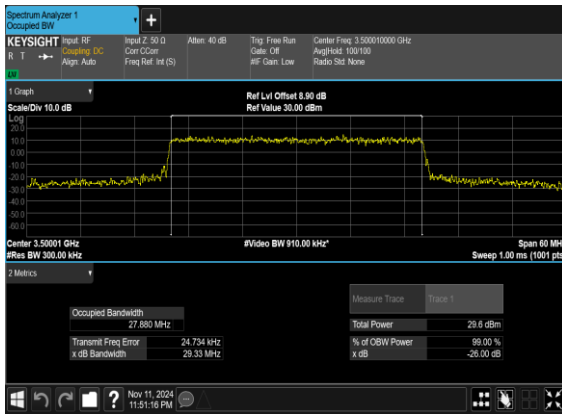


B5\_N77(25M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

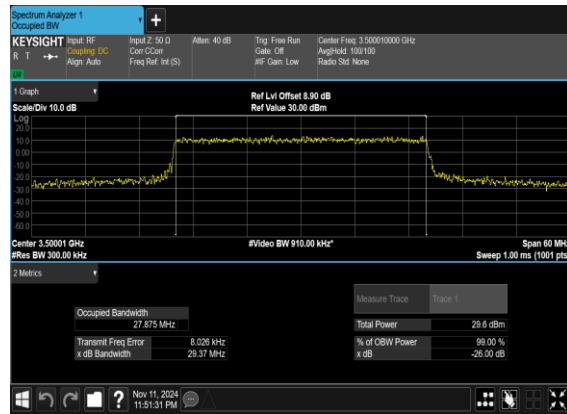




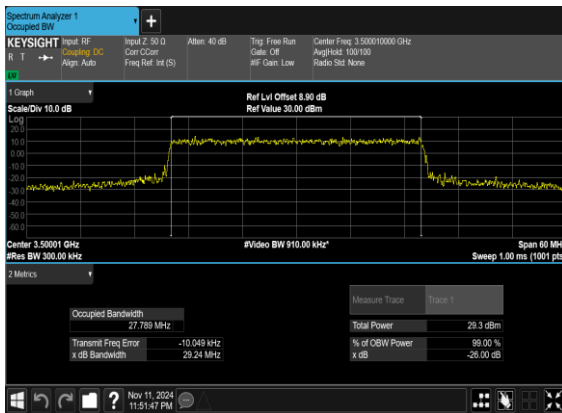
B5\_N77(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



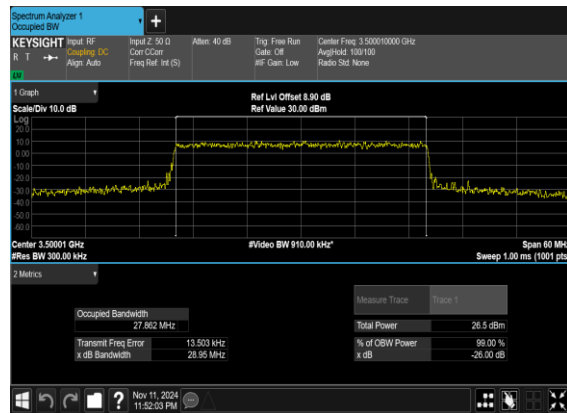
B5\_N77(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(30M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

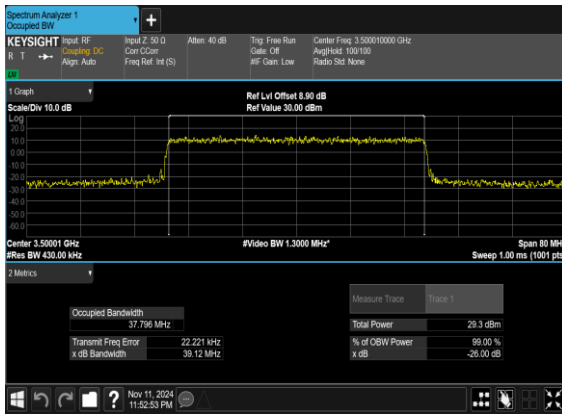


B5\_N77(30M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

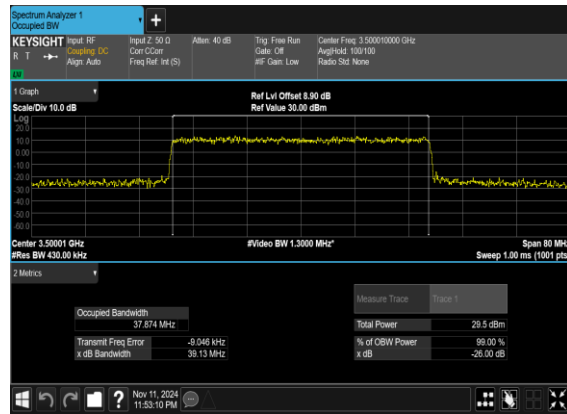




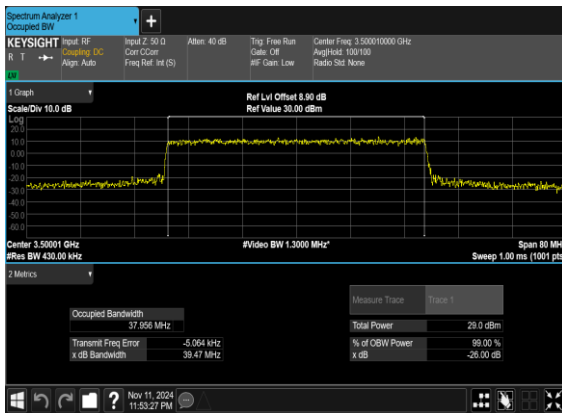
B5\_N77(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



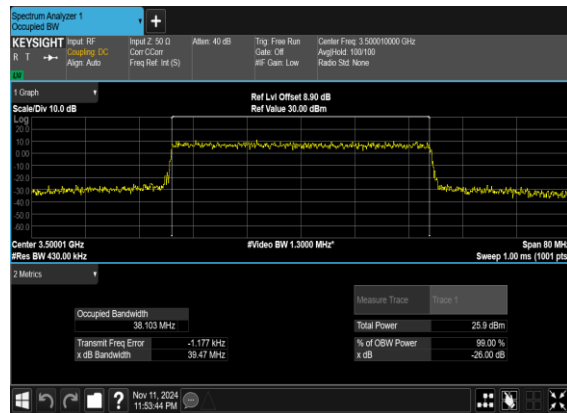
B5\_N77(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

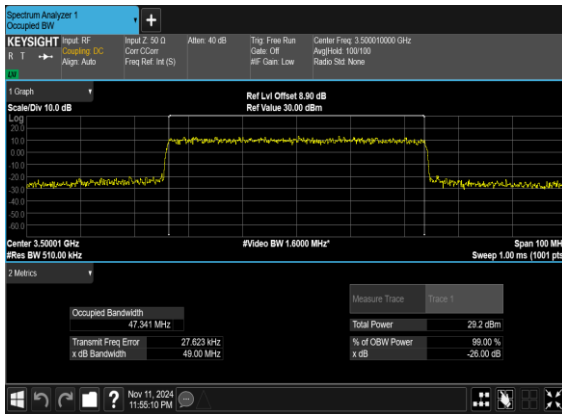


B5\_N77(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

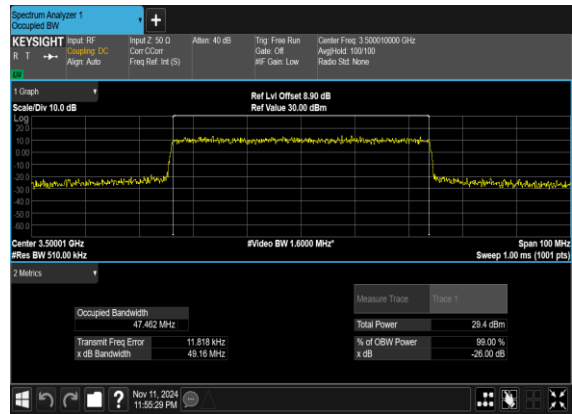




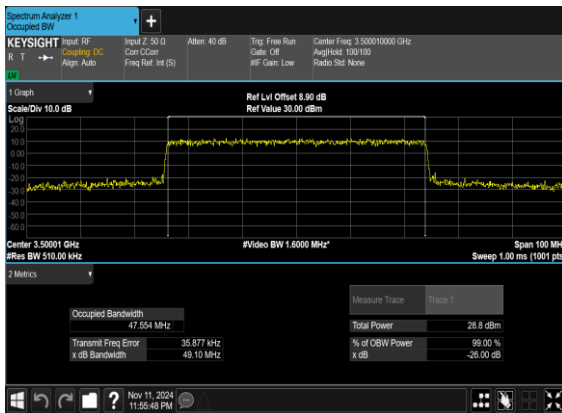
B5\_N77(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



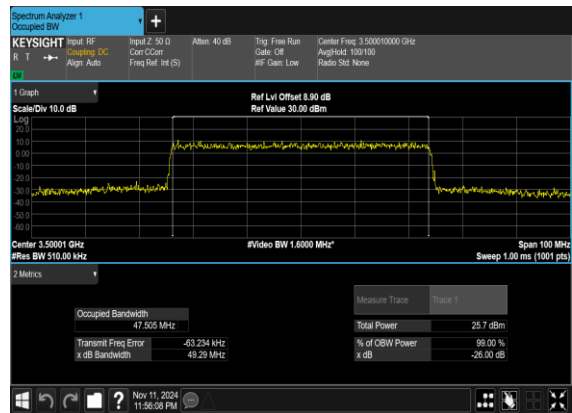
B5\_N77(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

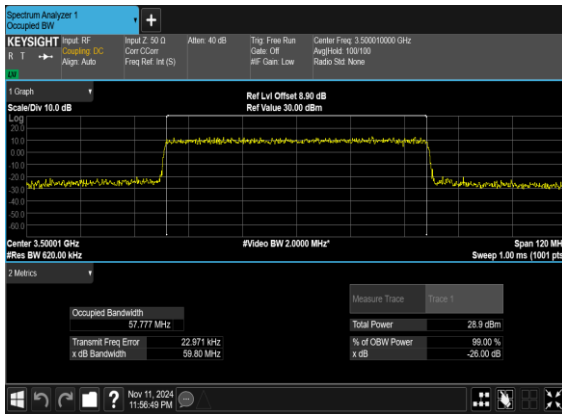


B5\_N77(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

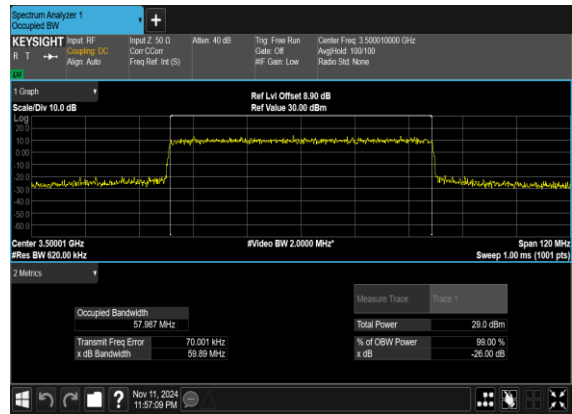




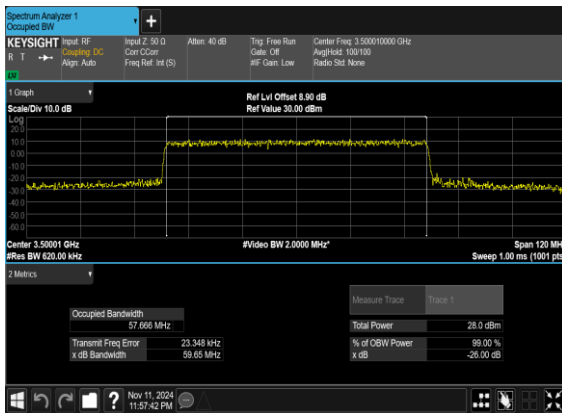
B5\_N77(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



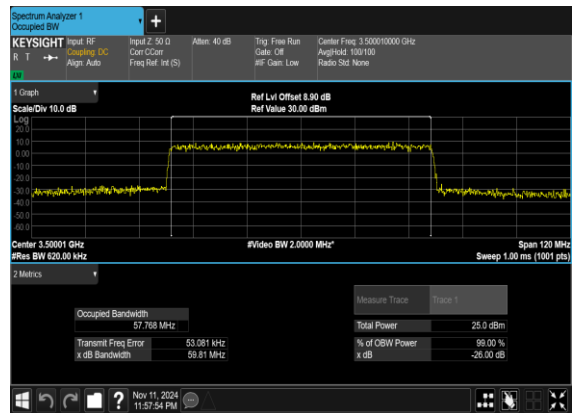
B5\_N77(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

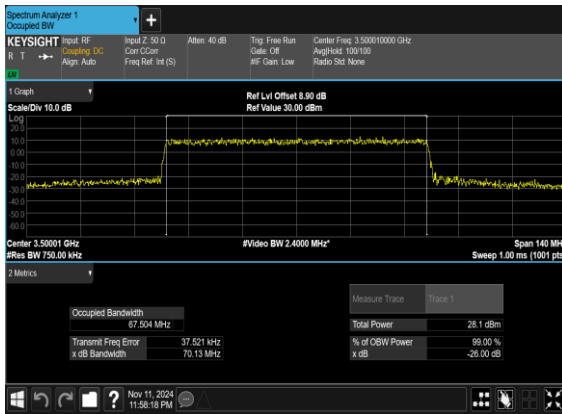


B5\_N77(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

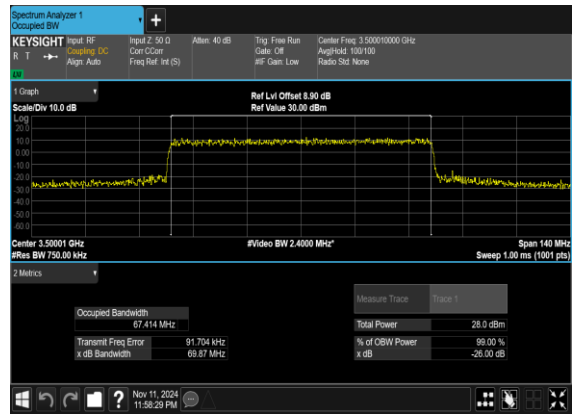




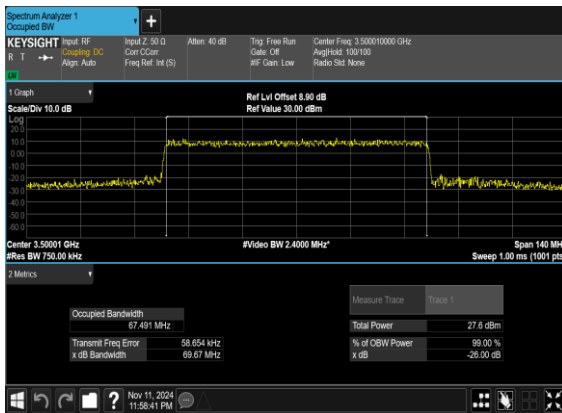
B5\_N77(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



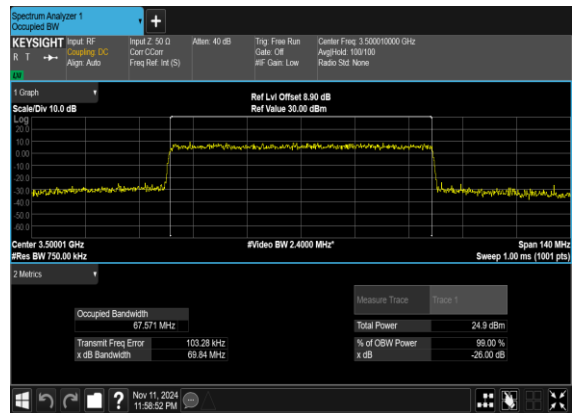
B5\_N77(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(70M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

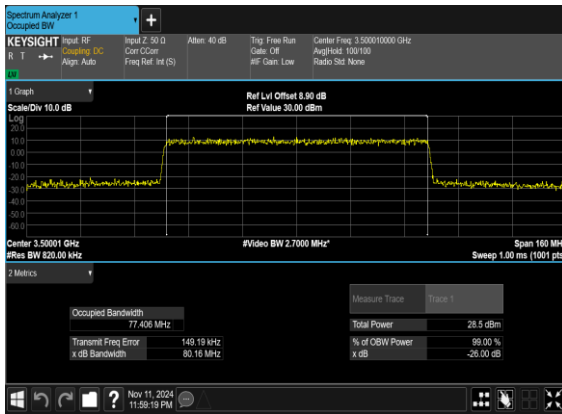


B5\_N77(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

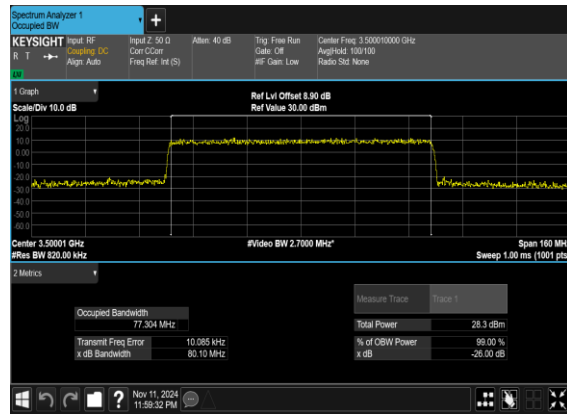




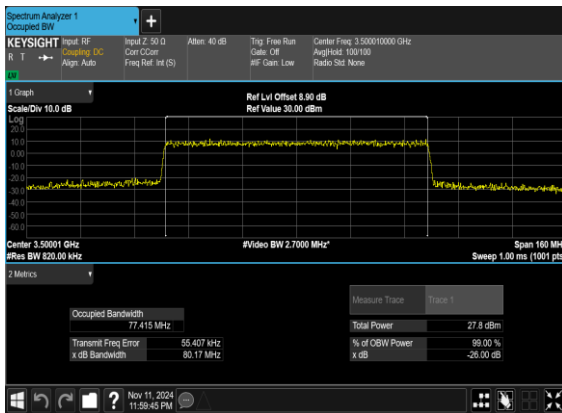
B5\_N77(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



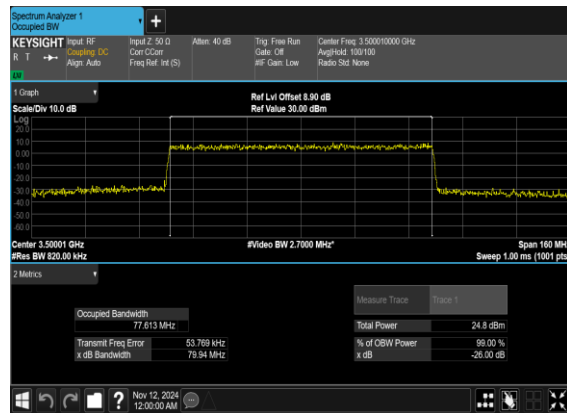
B5\_N77(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

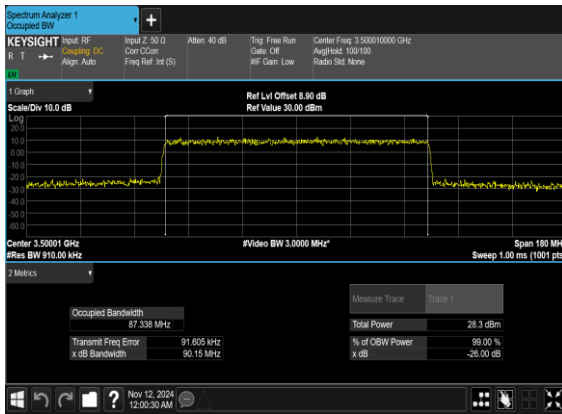


B5\_N77(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

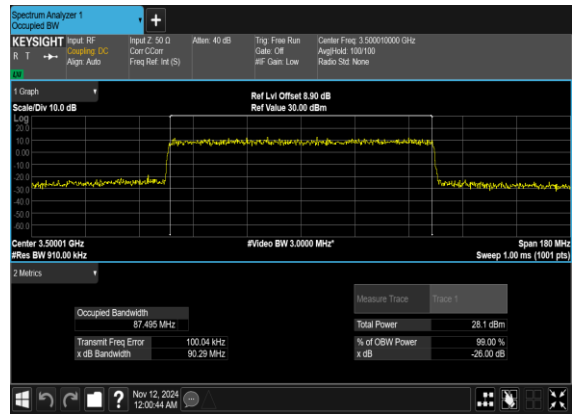




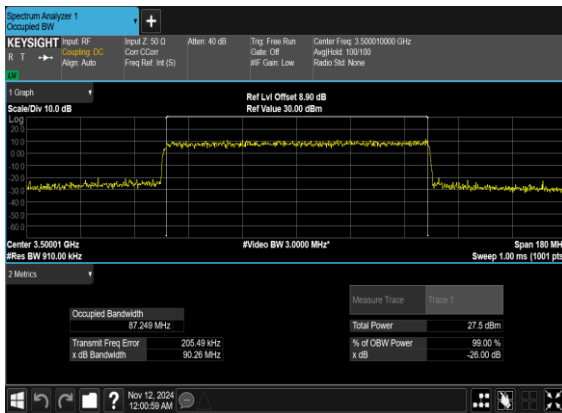
B5\_N77(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



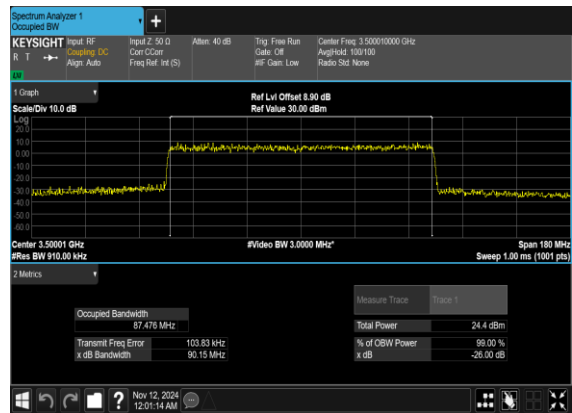
B5\_N77(90M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(90M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

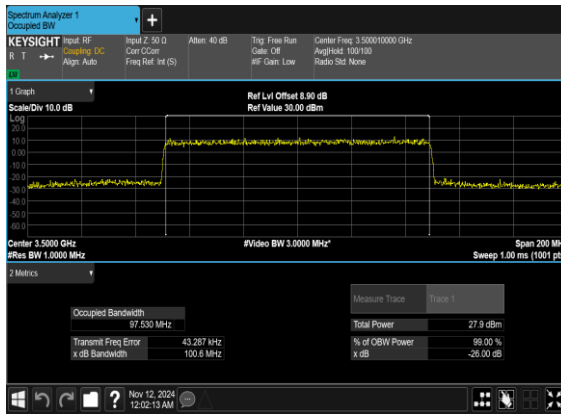


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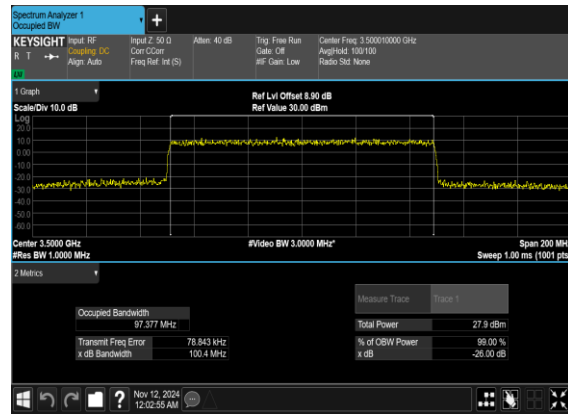




B5\_N77(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



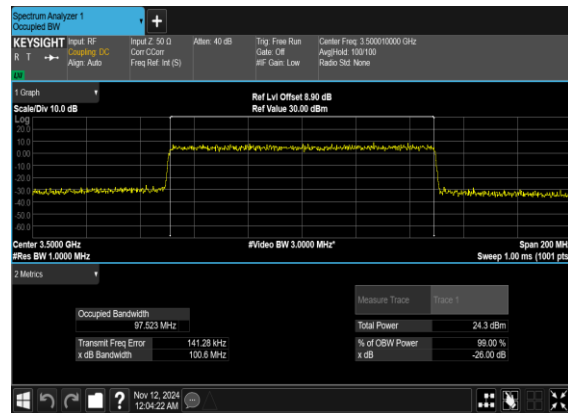
B5\_N77(100M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B5\_N77(100M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



B5\_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	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	---

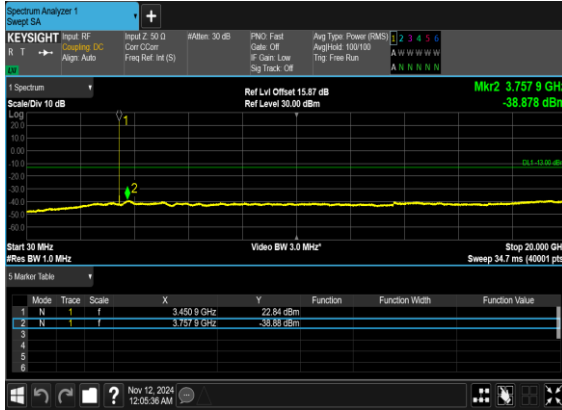


77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	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	---

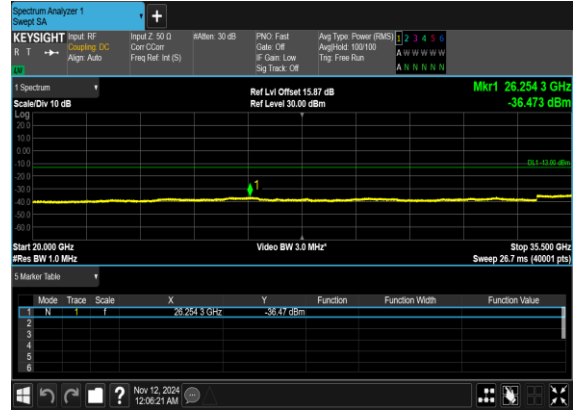


77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS

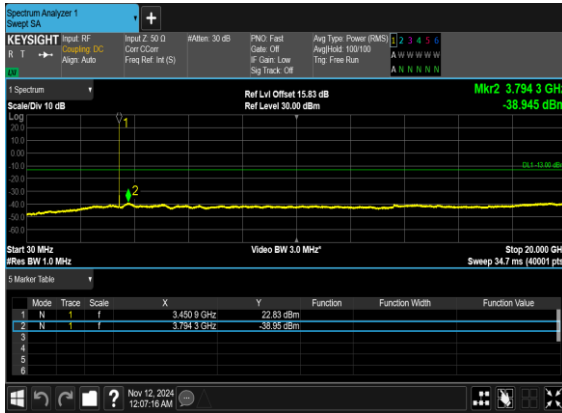
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



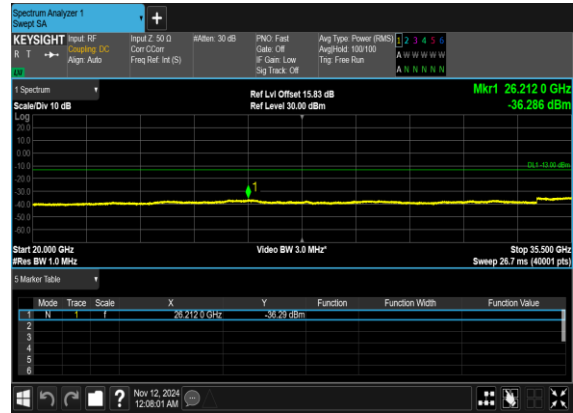
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

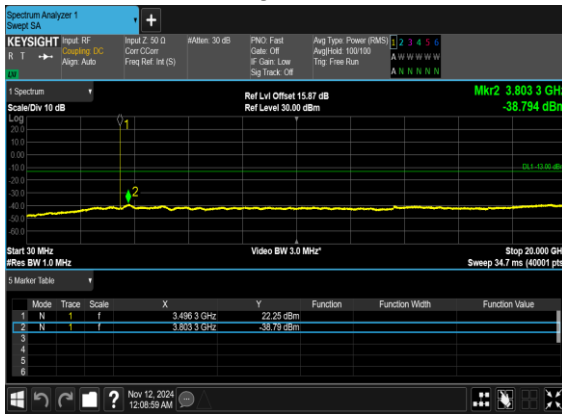


B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

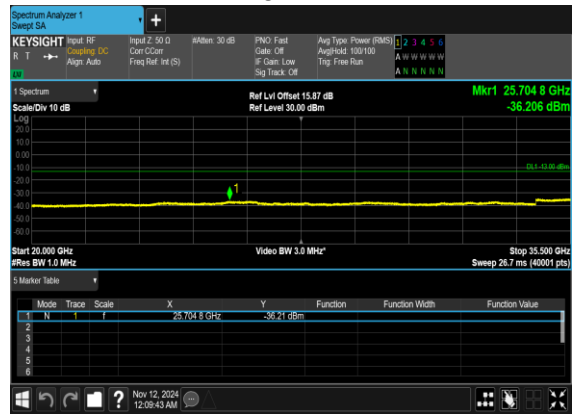




B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



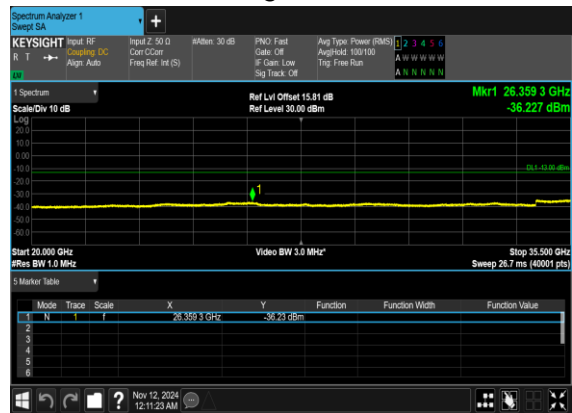
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

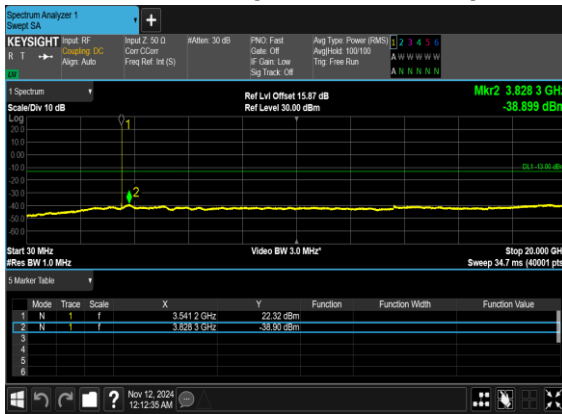


B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

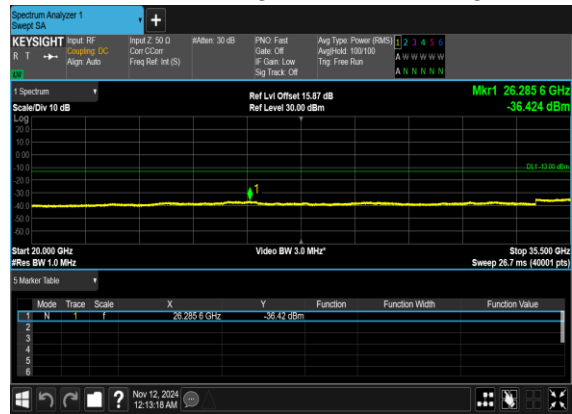




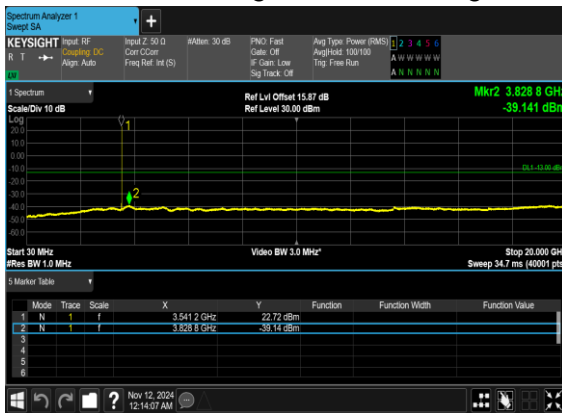
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



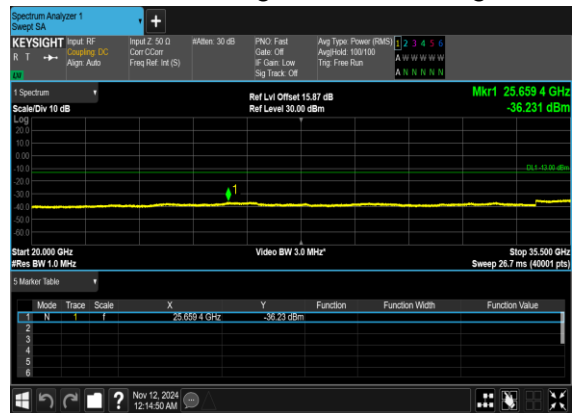
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

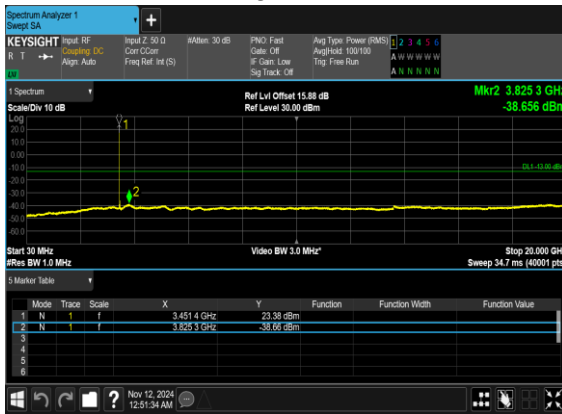


B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

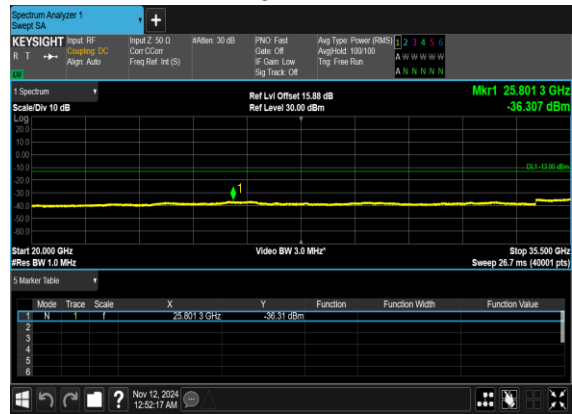




B5\_N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



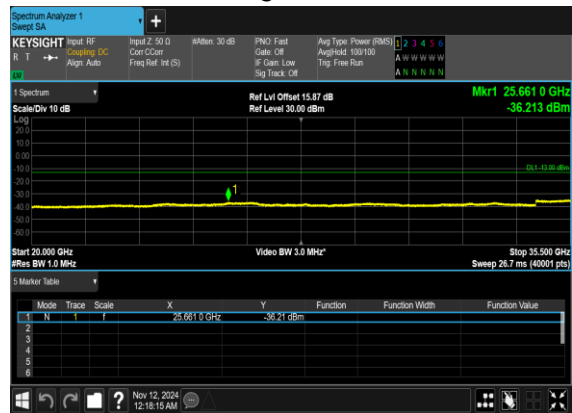
B5\_N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

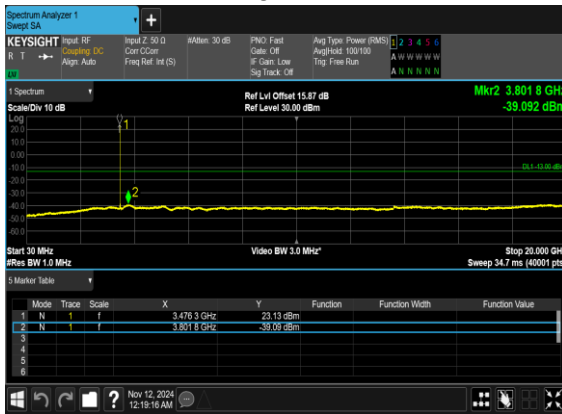


B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

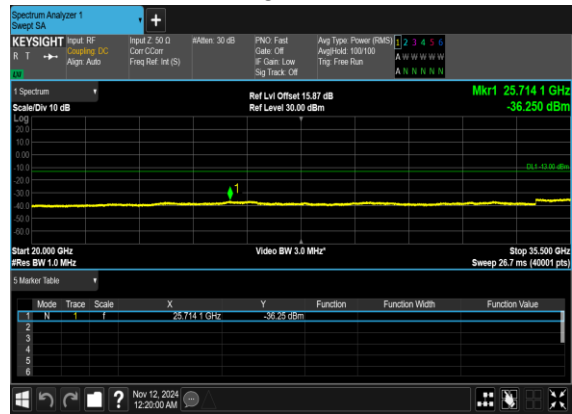




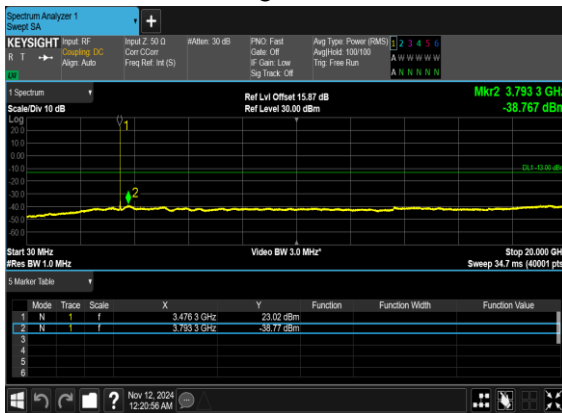
B5\_N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



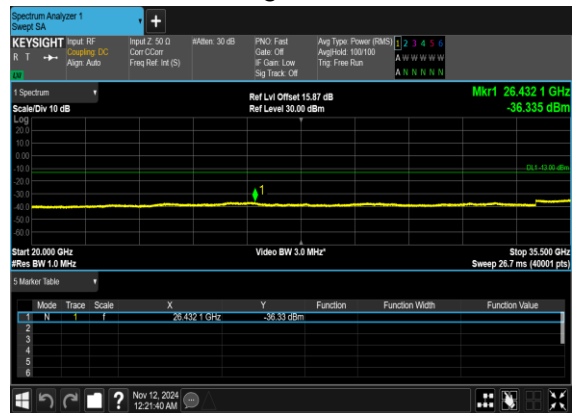
B5\_N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

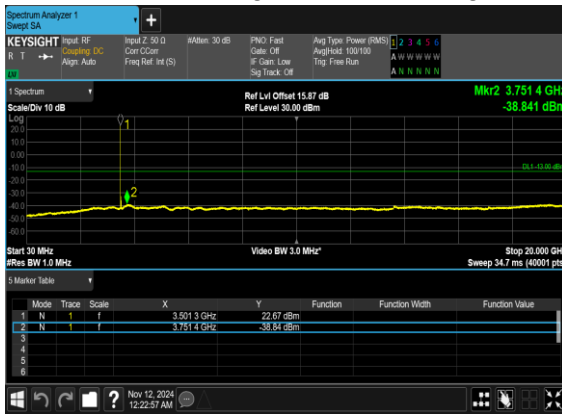


B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

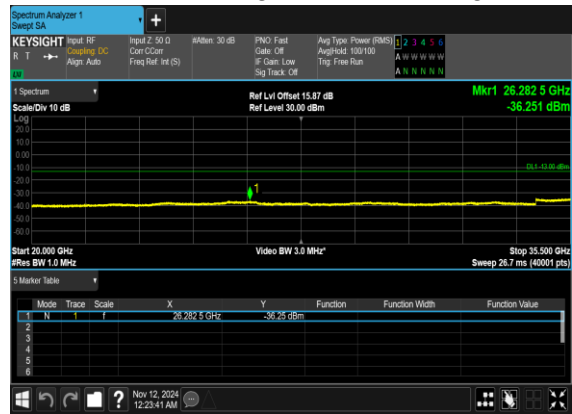




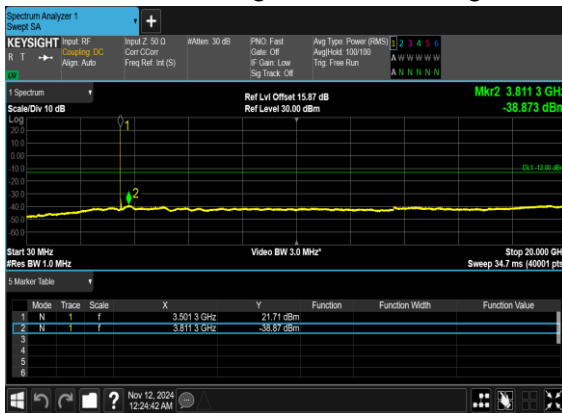
B5\_N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



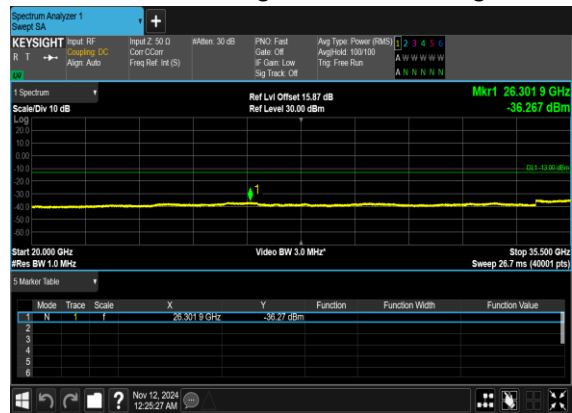
B5\_N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

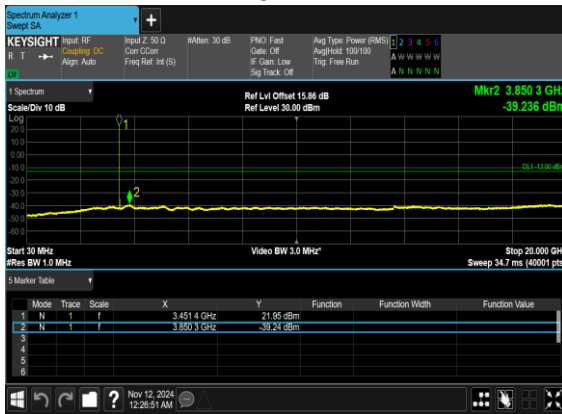


B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

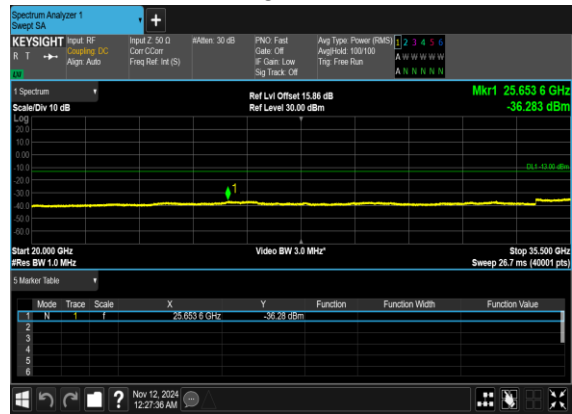




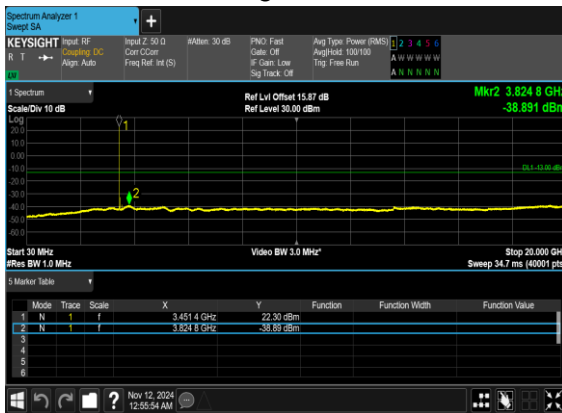
B5\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



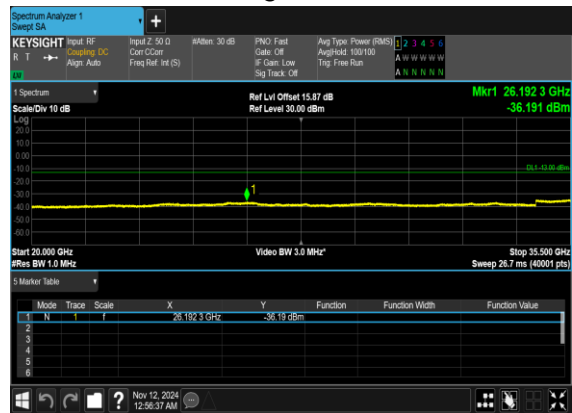
B5\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_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



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77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	<b>PASS</b>
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	<b>PASS</b>
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	<b>PASS</b>