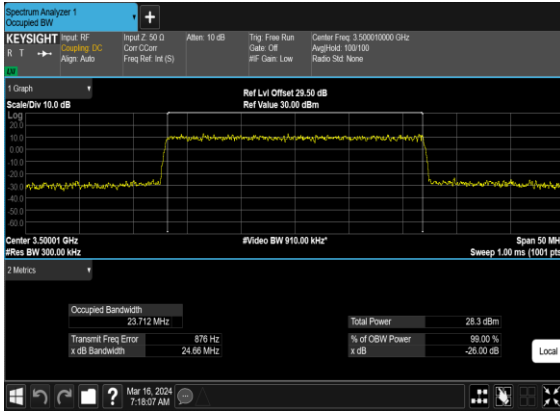
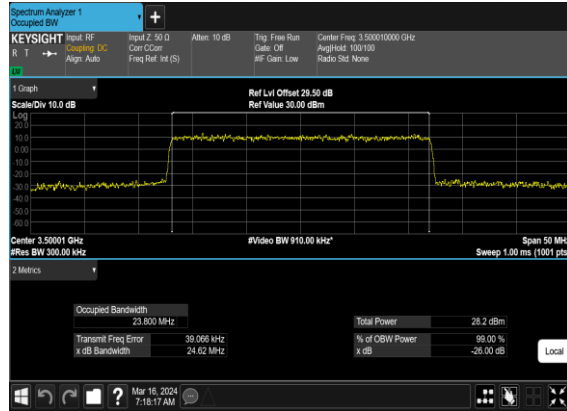


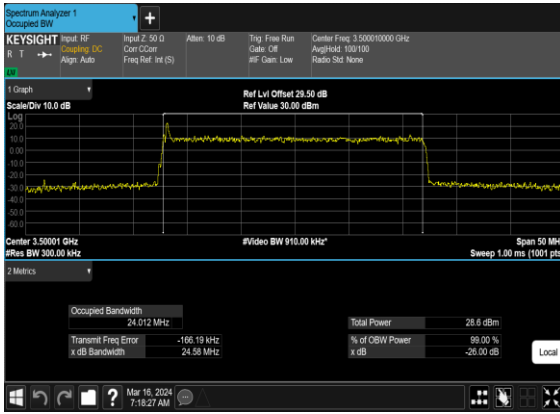
### N77(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



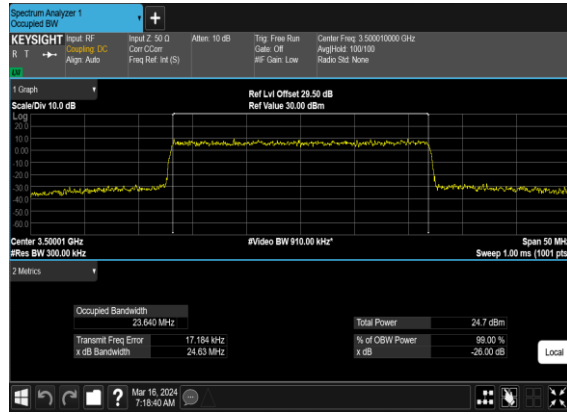
### N77(25M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



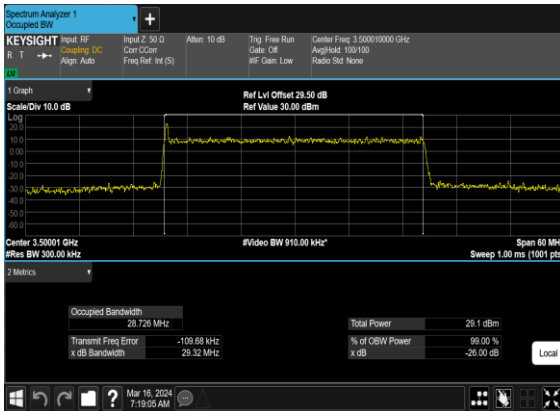
### N77(25M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



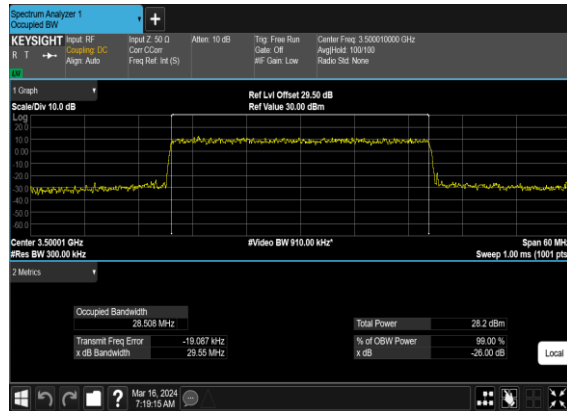
### N77(25M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



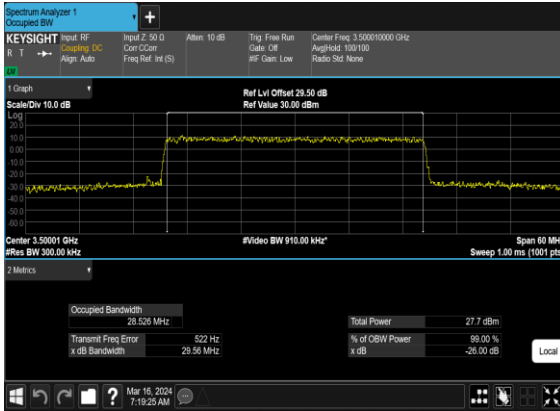
### N77(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



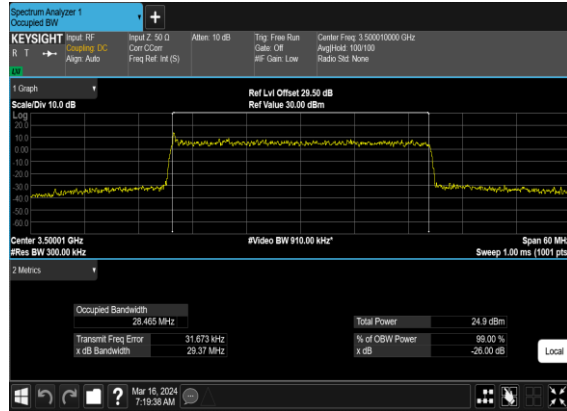
### N77(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



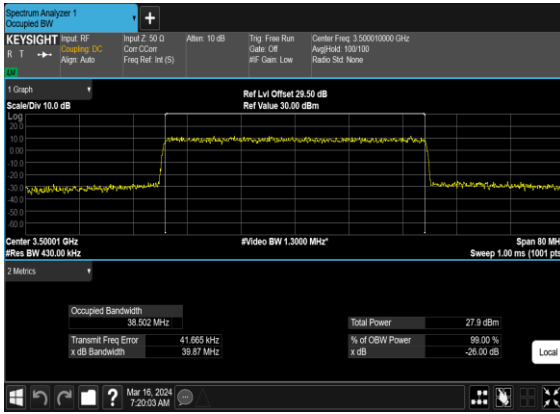
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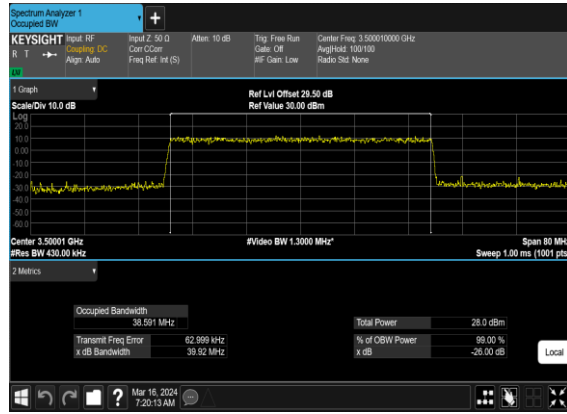
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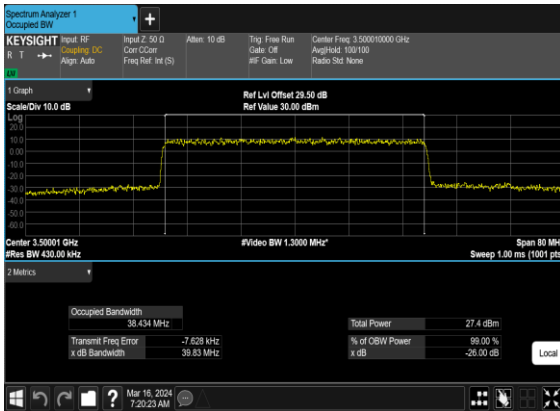
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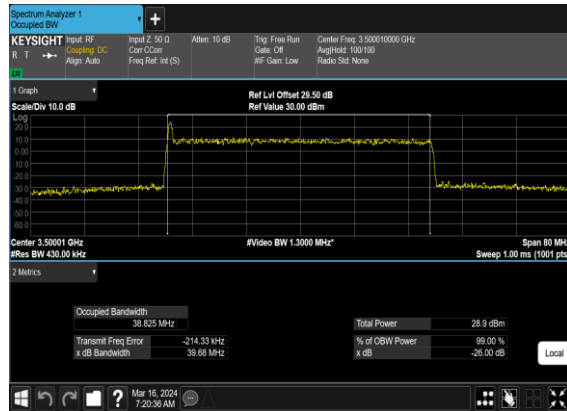
### N77(40M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



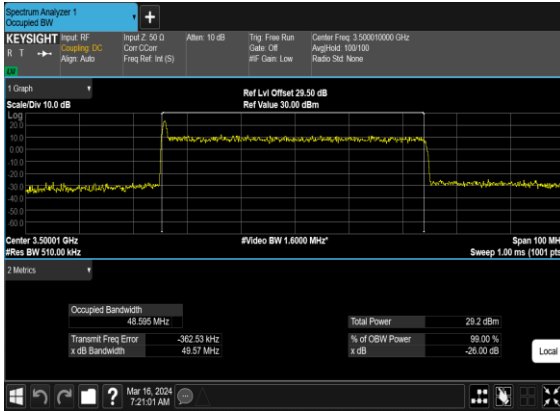
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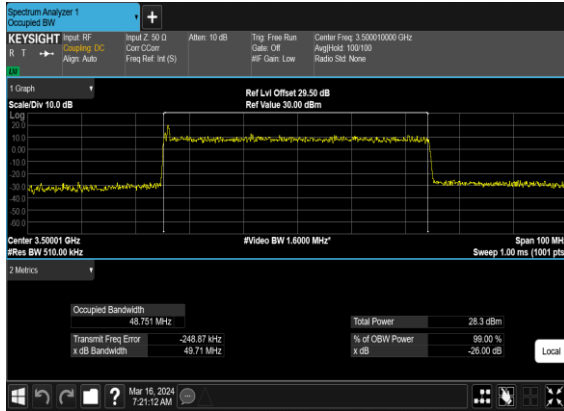
### N77(40M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



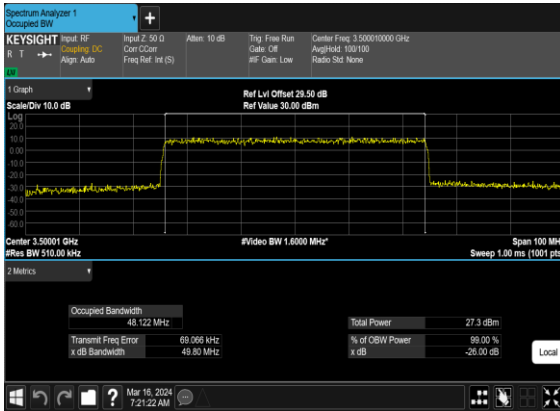
### N77(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



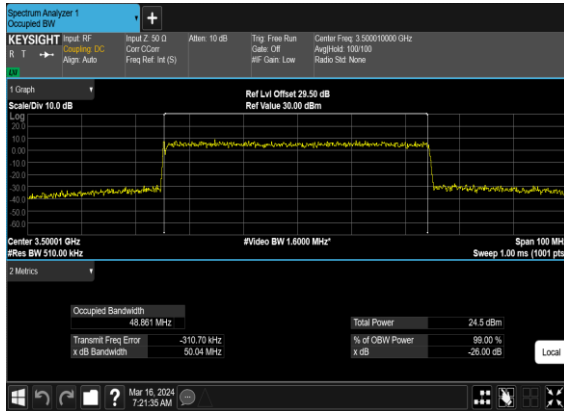
### N77(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N77(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



### N77(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

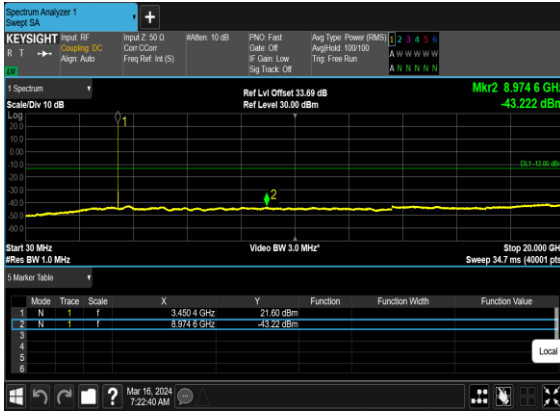


## Conducted Spurious Emissions

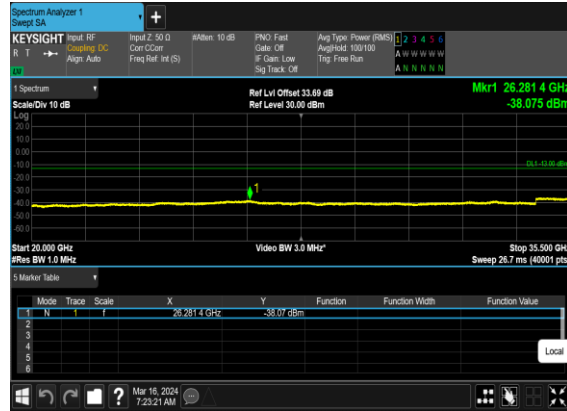
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	---
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	---
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	---
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	15	25	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS

77	15	25	635833	3537.495	CP-OFDM QPSK	1@0	see graph	---
77	15	25	635833	3537.495	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	25	635833	3537.495	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	---
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	15	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	---
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>

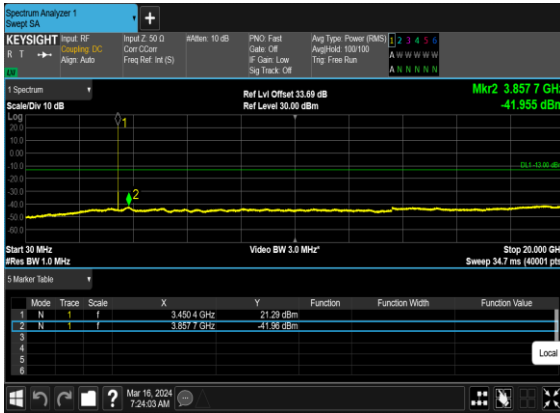
### N77(10M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



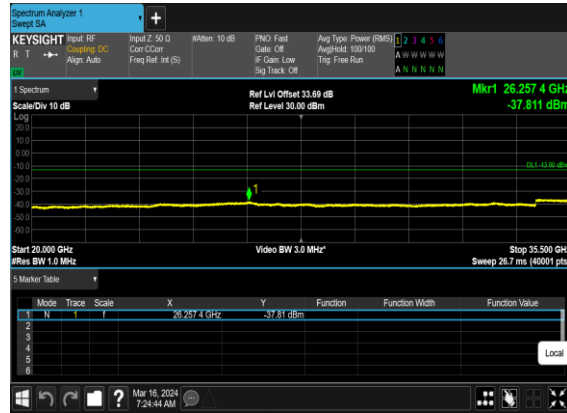
### N77(10M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N77(10M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



### N77(10M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



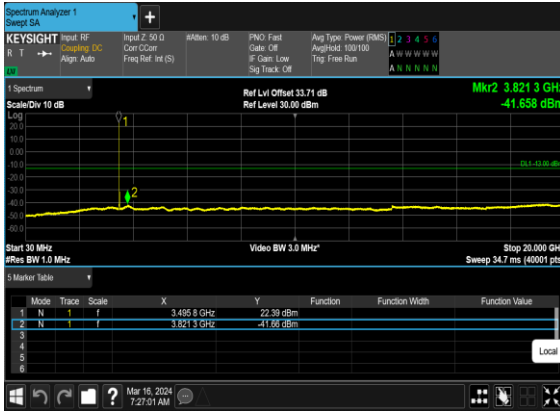
### N77(10M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



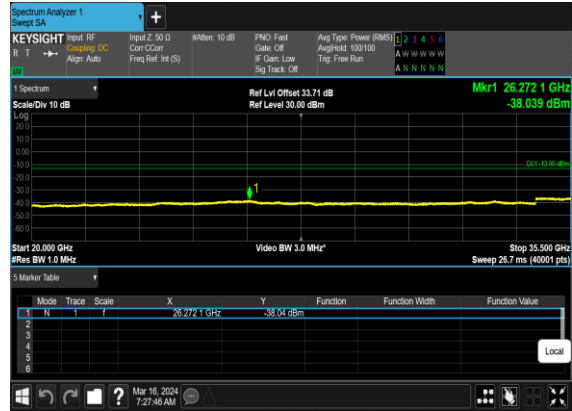
### N77(10M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N77(10M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



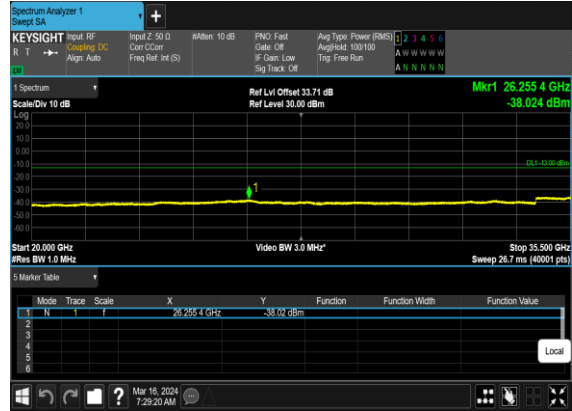
### N77(10M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



### N77(10M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N77(10M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



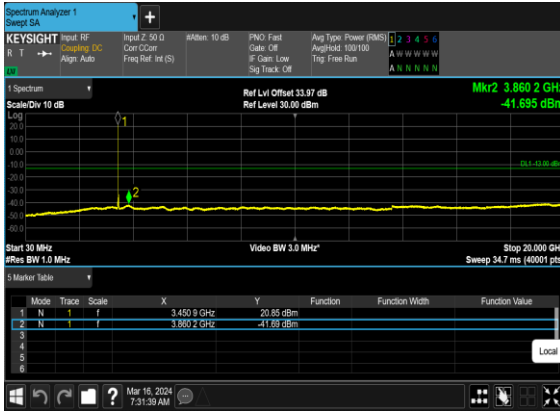
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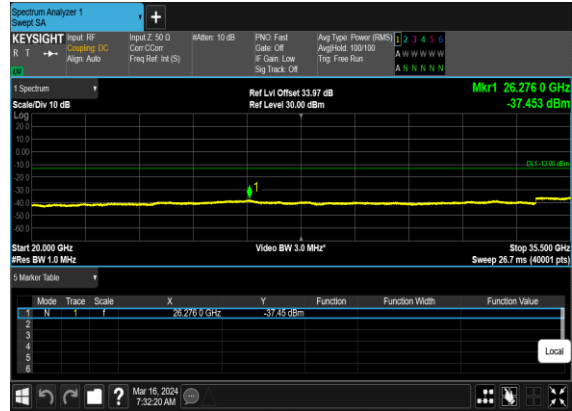
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### N77(25M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



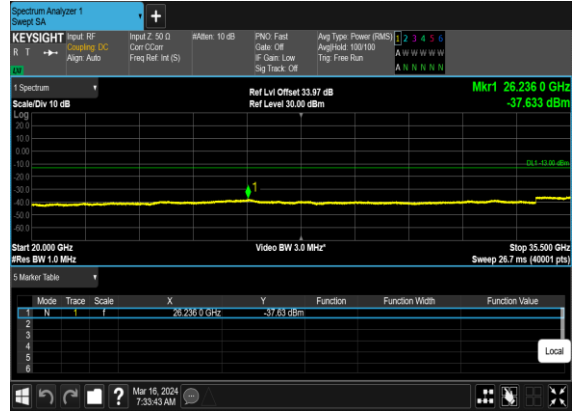
### N77(25M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N77(25M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



### N77(25M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



### N77(25M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



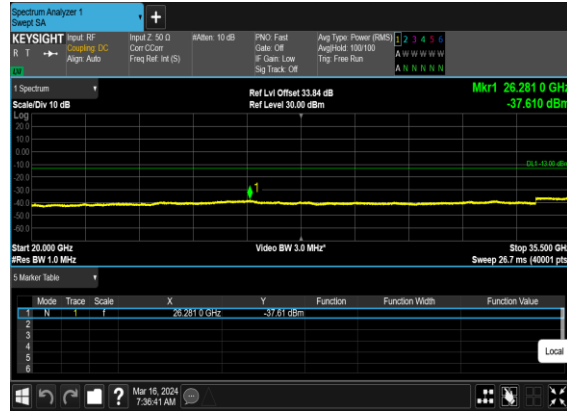
### N77(25M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



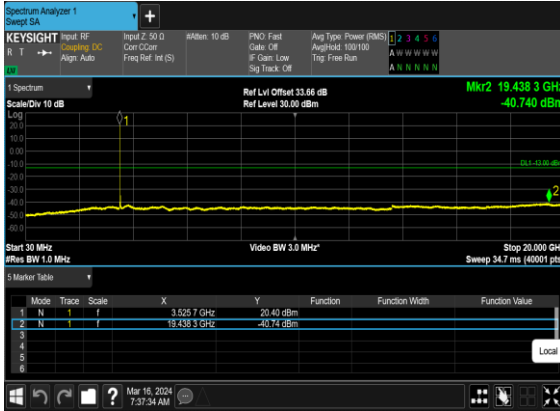
### N77(25M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



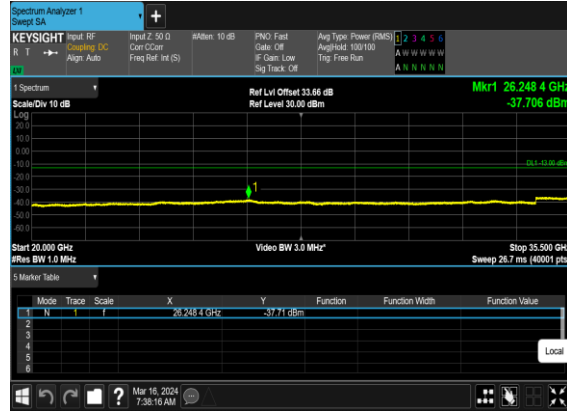
### N77(25M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



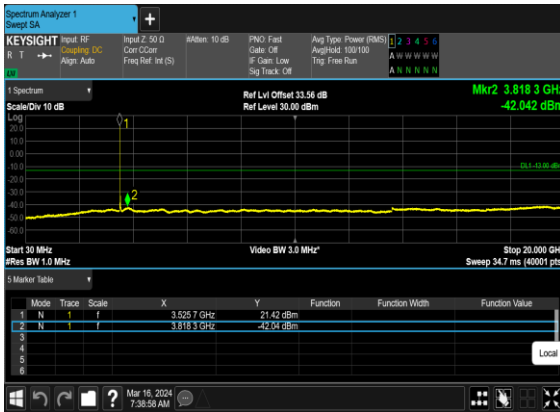
### N77(25M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



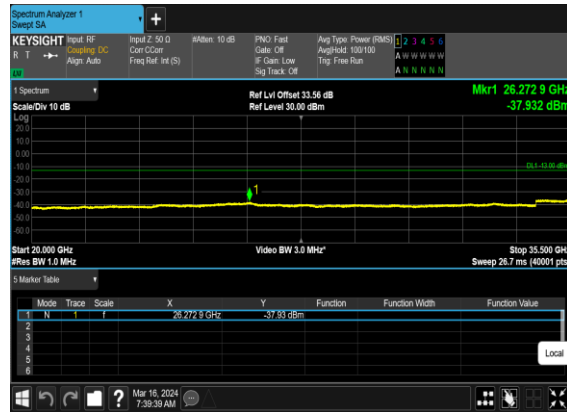
### N77(25M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



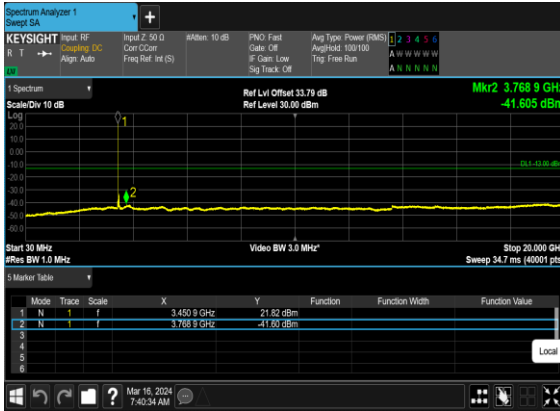
### N77(25M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



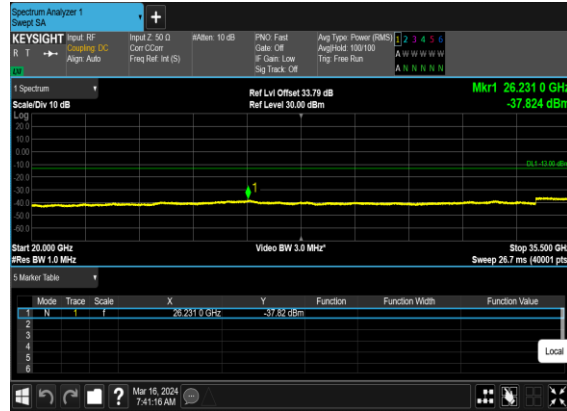
### N77(25M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



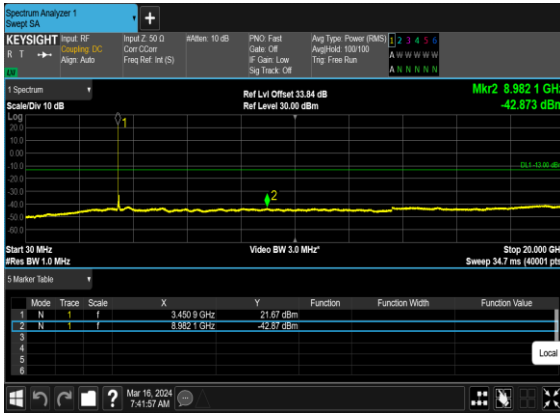
### N77(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



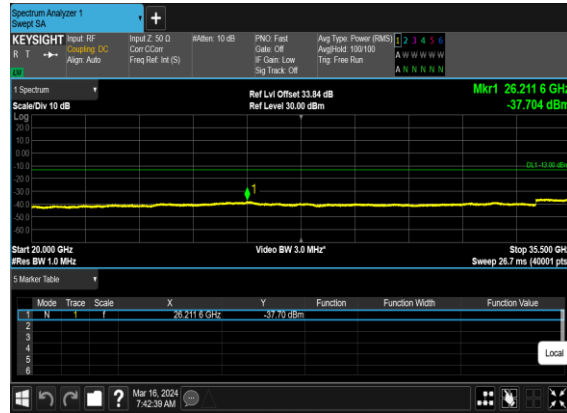
### N77(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N77(50M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



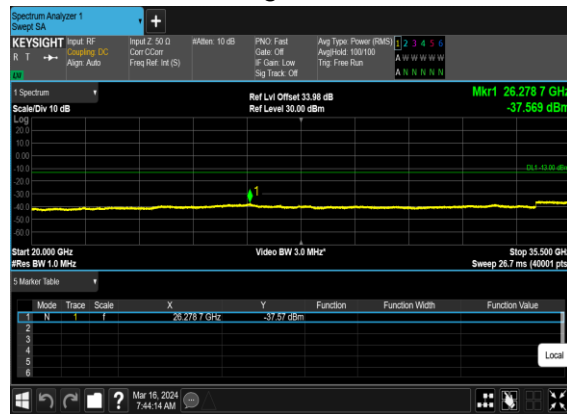
### N77(50M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



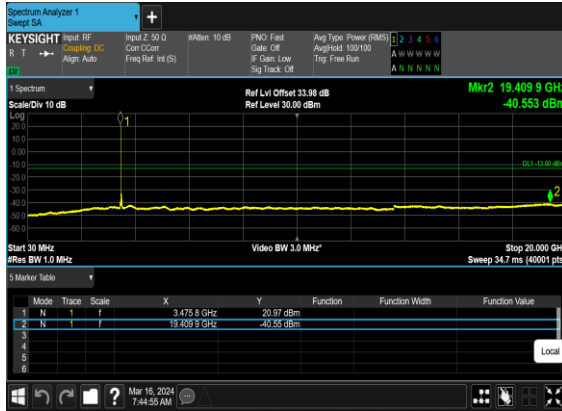
### N77(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



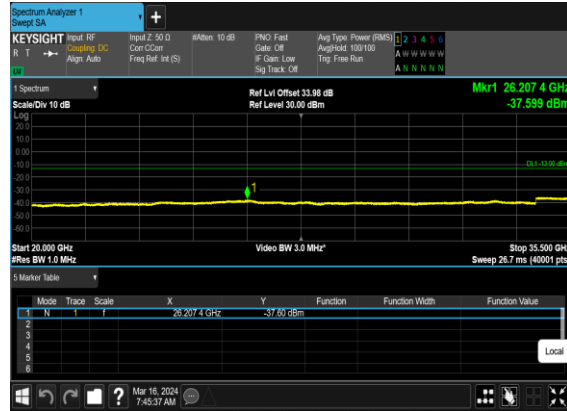
### N77(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



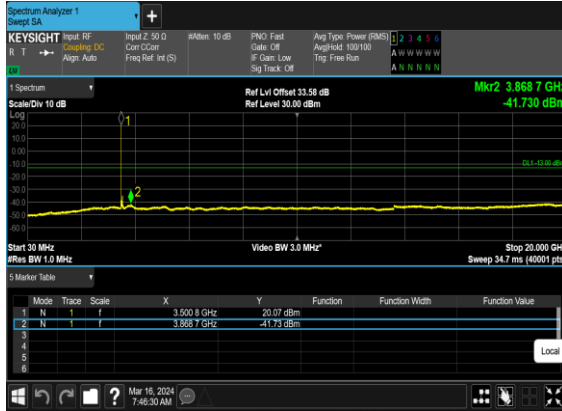
### N77(50M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



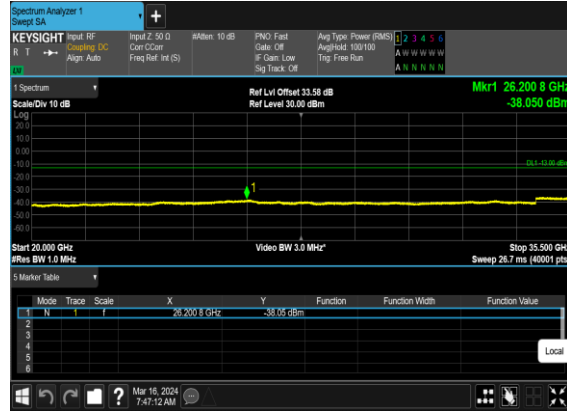
### N77(50M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



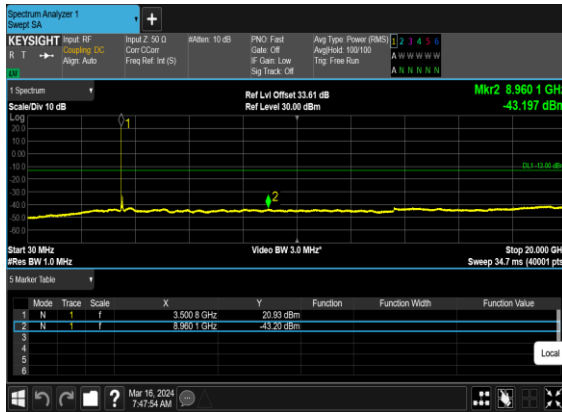
### N77(50M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



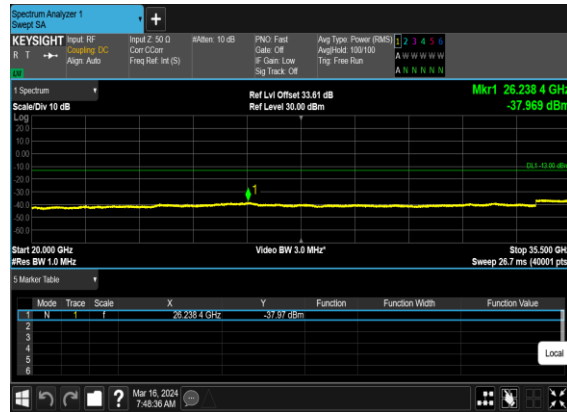
### N77(50M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N77(50M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



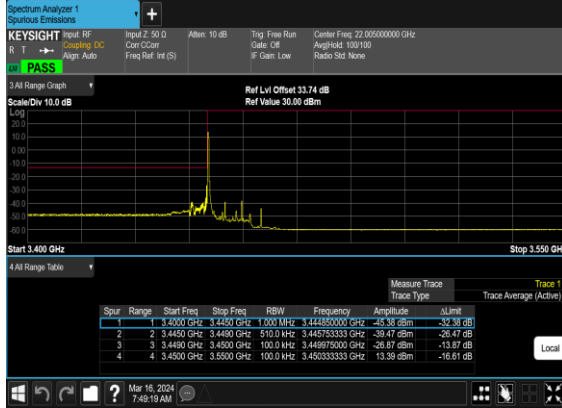
### N77(50M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



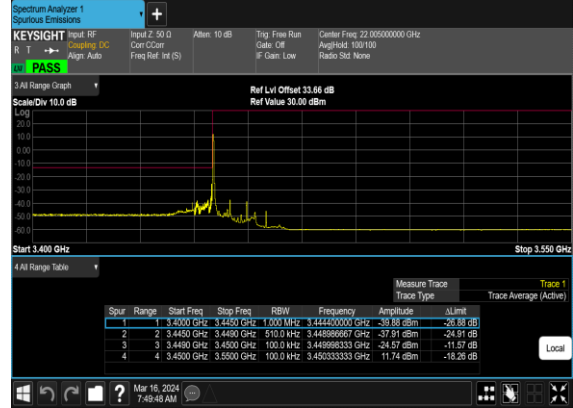
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM QPSK	50@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	50@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	1@51	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@51	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	50@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	50@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	128@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	128@0	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM QPSK	1@132	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@132	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM QPSK	128@0	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM 16 QAM	128@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM QPSK	270@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM 16 QAM	270@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM QPSK	1@269	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@269	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM QPSK	270@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM 16 QAM	270@0	see graph	PASS

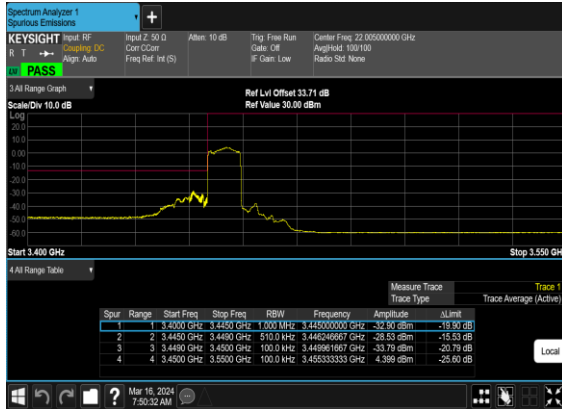
### N77(10M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



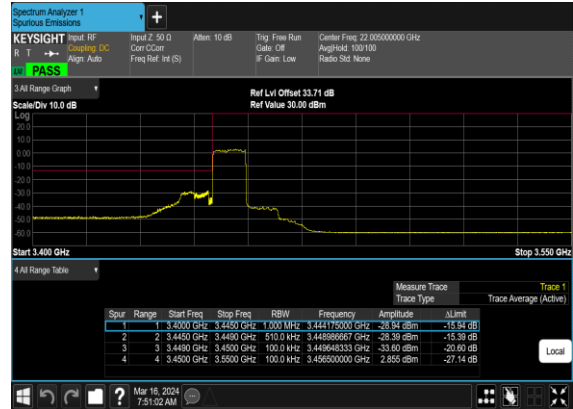
### N77(10M)\_CP-OFDM\_16QAM\_Edge\_1RB\_Left\_Low\_CH



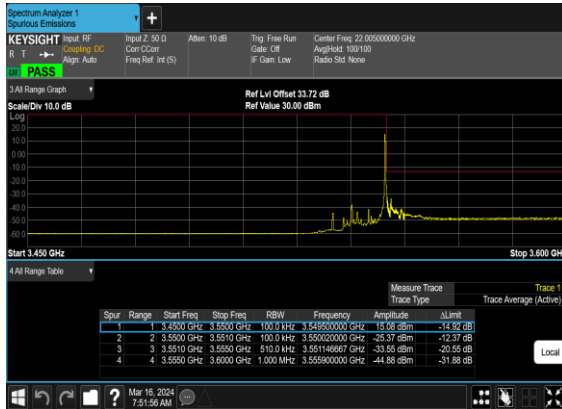
### N77(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH



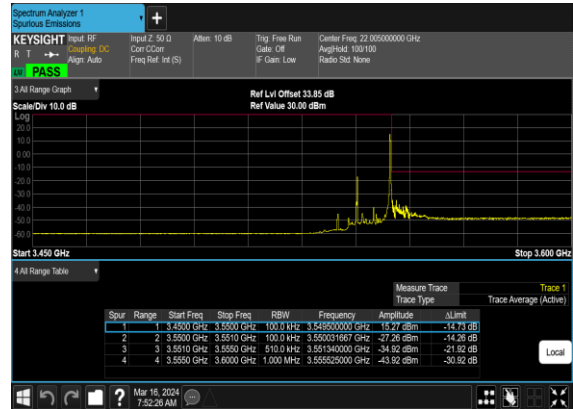
### N77(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Low\_CH



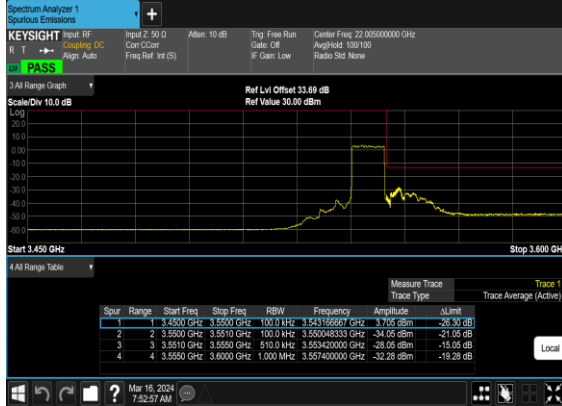
### N77(10M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N77(10M)\_CP-OFDM\_16QAM\_Edge\_1RB\_Right\_High\_CH



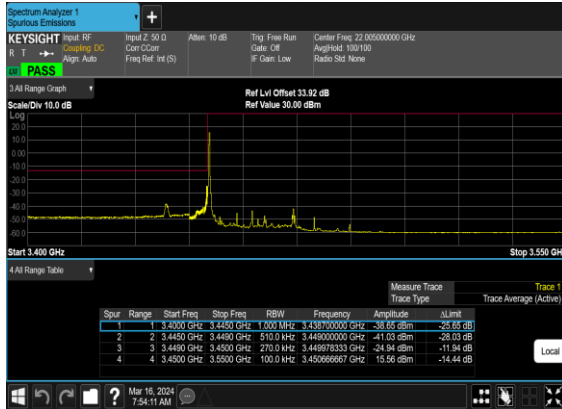
### N77(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH



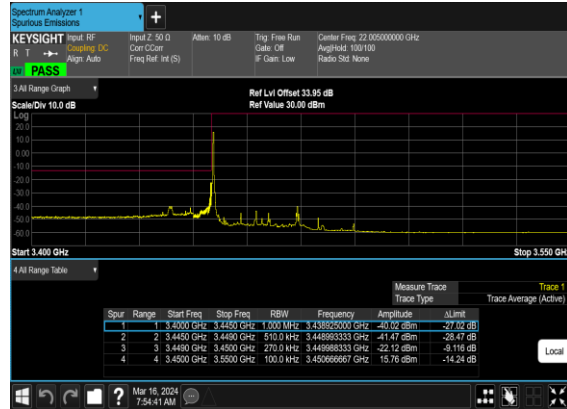
### N77(10M)\_CP-OFDM\_16 QAM\_Outer\_Full\_High\_CH



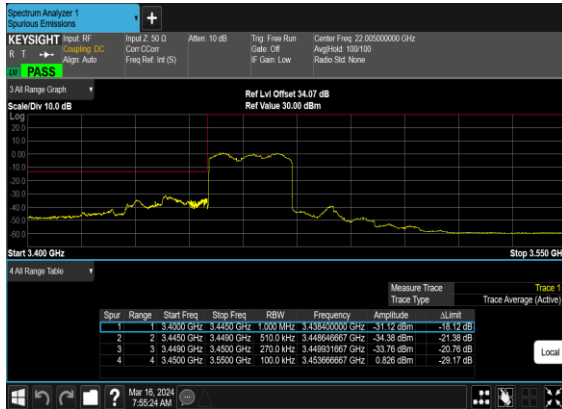
### N77(25M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



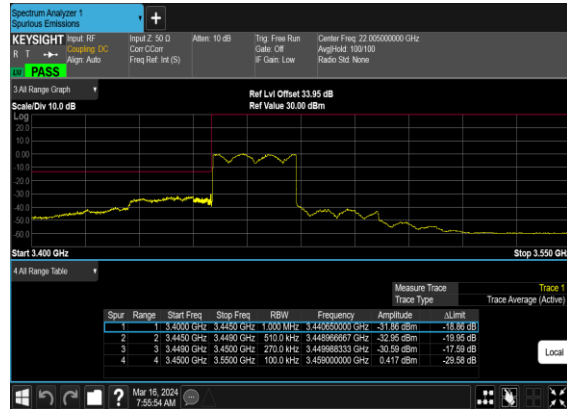
### N77(25M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



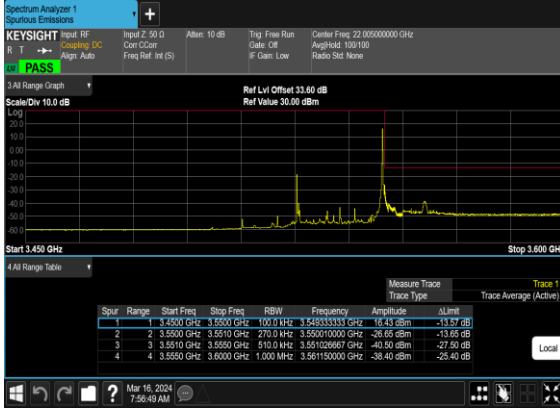
### N77(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH



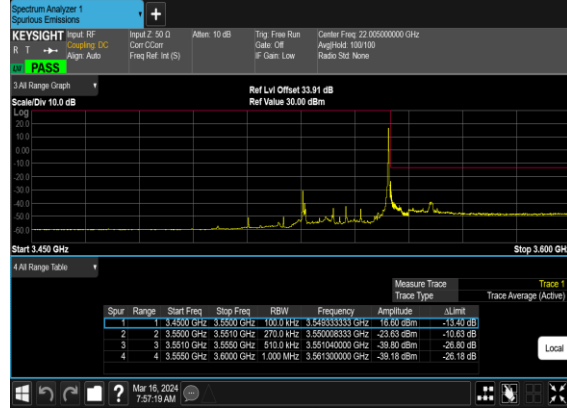
### N77(25M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



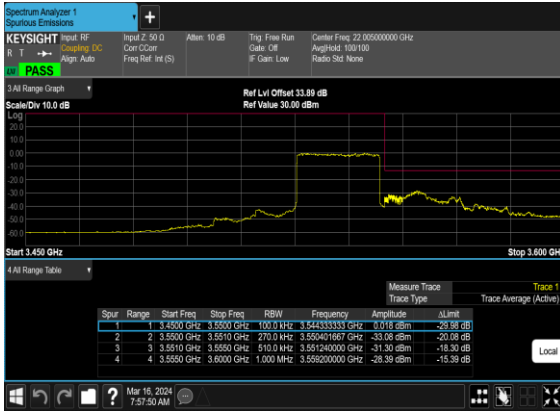
### N77(25M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



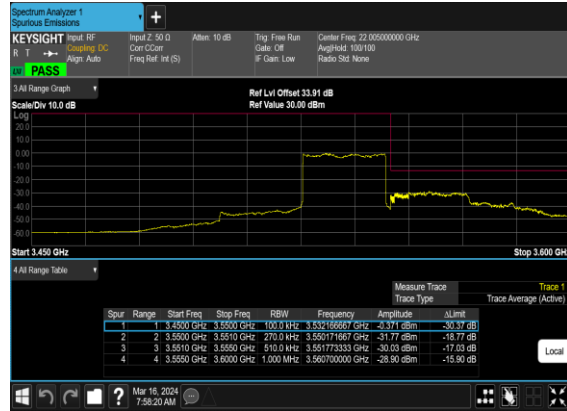
### N77(25M)\_CP-OFDM\_16QAM\_Edge\_1RB\_Right\_High\_CH



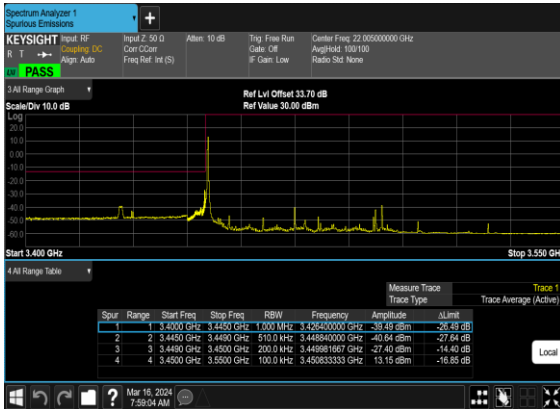
### N77(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH



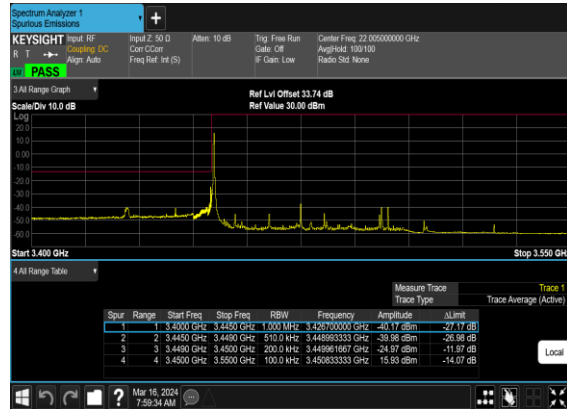
### N77(25M)\_CP-OFDM\_16QAM\_Outer\_Full\_High\_CH



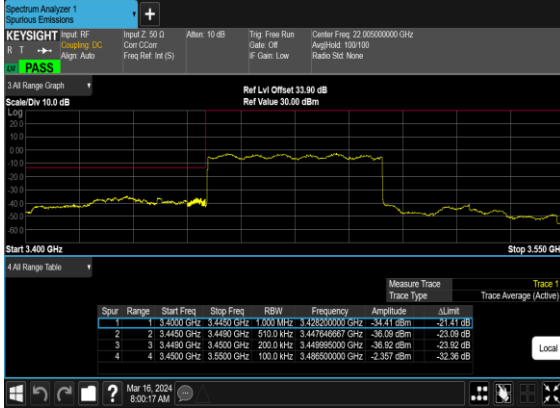
### N77(50M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



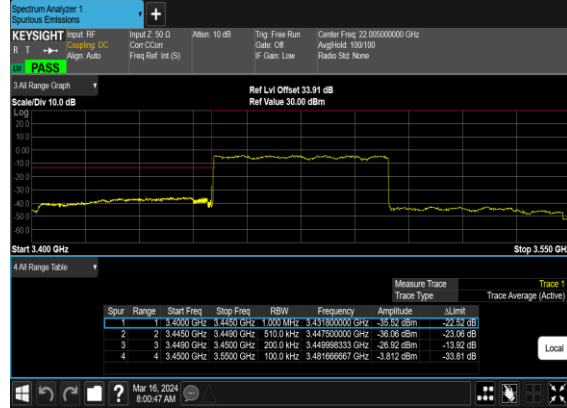
### N77(50M)\_CP-OFDM\_16QAM\_Edge\_1RB\_Left\_Low\_CH



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



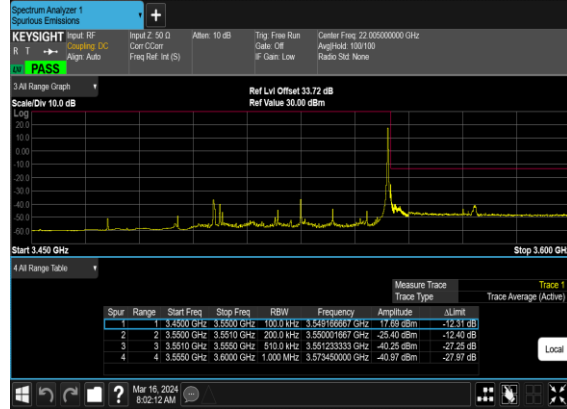
### N77(50M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



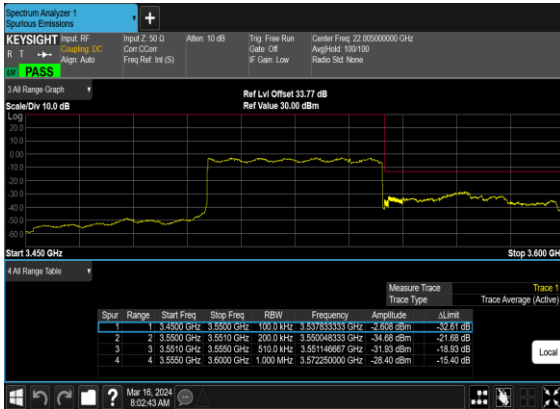
### N77(50M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



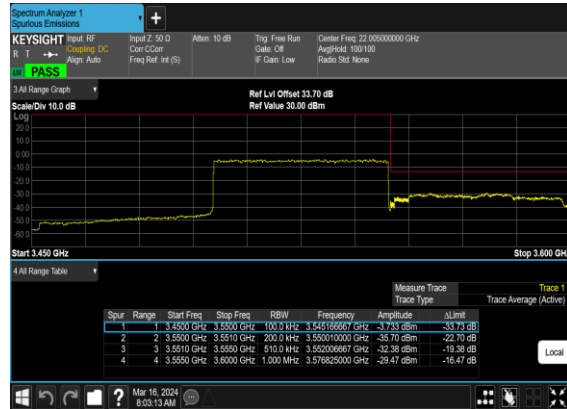
### N77(50M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Right\_High\_CH



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



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



# FR1 N77 SCS 30K MIMO-ANT(4+6)

## Transmitter Conducted Output Power And EIRP,(G<sub>T</sub> - L<sub>C</sub>)=0.6dB

NR Band	SCS	Band Width	Arfcn	Freq(MHz)	Modulation	RB	ANT4 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
77	30	10	630334	3455.01	CP-OFDM QPSK	1@1	24.71	24.15	27.45	28.05	0.6382
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	24.28	23.87	27.09	27.69	0.5875
77	30	10	630334	3455.01	CP-OFDM 64 QAM	1@1	22.35	21.62	25.01	25.61	0.3640
77	30	10	633334	3500.01	CP-OFDM QPSK	1@1	24.67	24.46	27.58	28.18	0.6571
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	24.01	23.99	27.01	27.61	0.5768
77	30	10	633334	3500.01	CP-OFDM 64 QAM	1@1	22.09	22.01	25.06	25.66	0.3682
77	30	10	636332	3544.98	CP-OFDM QPSK	1@1	24.87	24.78	27.84	28.44	0.6975
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	24.45	24.41	27.44	28.04	0.6368
77	30	10	636332	3544.98	CP-OFDM 64 QAM	1@1	22.32	22.35	25.35	25.95	0.3931
77	30	15	630500	3457.5	CP-OFDM QPSK	1@1	24.82	24.69	27.77	28.37	0.6864
77	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	24.45	24.44	27.46	28.06	0.6390
77	30	15	630500	3457.5	CP-OFDM 64 QAM	1@1	22.6	22.61	25.62	26.22	0.4183
77	30	15	633334	3500.01	CP-OFDM QPSK	1@1	24.6	24.4	27.51	28.11	0.6474
77	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	24.35	23.92	27.15	27.75	0.5957
77	30	15	633334	3500.01	CP-OFDM 64 QAM	1@1	22.21	22.13	25.18	25.78	0.3785
77	30	15	636166	3542.49	CP-OFDM QPSK	1@1	24.79	24.74	27.78	28.38	0.6879
77	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	24.27	24.18	27.24	27.84	0.6075
77	30	15	636166	3542.49	CP-OFDM 64 QAM	1@1	22.61	22.75	25.69	26.29	0.4257
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	24.84	24.72	27.79	28.39	0.6904
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	24.51	24.48	27.51	28.11	0.6464
77	30	20	630668	3460.02	CP-OFDM 64 QAM	1@1	22.28	22.34	25.32	25.92	0.3909
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	24.66	24.33	27.51	28.11	0.6469
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	24.28	24.09	27.20	27.80	0.6021
77	30	20	633334	3500.01	CP-OFDM 64 QAM	1@1	22.07	21.91	25.00	25.60	0.3632
77	30	20	636000	3540	CP-OFDM QPSK	1@1	24.65	24.59	27.63	28.23	0.6653
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	24.35	24.64	27.51	28.11	0.6468
77	30	20	636000	3540	CP-OFDM 64 QAM	1@1	22.14	22.17	25.17	25.77	0.3772
77	30	25	630834	3462.51	CP-OFDM QPSK	1@1	24.86	24.87	27.88	28.48	0.7039
77	30	25	630834	3462.51	CP-OFDM 16 QAM	1@1	24.46	24.66	27.57	28.17	0.6564
77	30	25	630834	3462.51	CP-OFDM 64 QAM	1@1	22.34	22.48	25.42	26.02	0.4000
77	30	25	633334	3500.01	CP-OFDM QPSK	1@1	24.79	24.38	27.60	28.20	0.6607
77	30	25	633334	3500.01	CP-OFDM 16 QAM	1@1	24.36	24.15	27.27	27.87	0.6119
77	30	25	633334	3500.01	CP-OFDM 64 QAM	1@1	22.21	22.01	25.12	25.72	0.3734
77	30	25	635832	3537.48	CP-OFDM QPSK	1@1	24.81	24.74	27.79	28.39	0.6895
77	30	25	635832	3537.48	CP-OFDM 16 QAM	1@1	24.5	24.46	27.49	28.09	0.6442
77	30	25	635832	3537.48	CP-OFDM 64 QAM	1@1	22.23	22.47	25.36	25.96	0.3946
77	30	30	631000	3465	CP-OFDM QPSK	1@1	24.82	24.79	27.82	28.42	0.6943
77	30	30	631000	3465	CP-OFDM 16 QAM	1@1	24.42	24.55	27.50	28.10	0.6450
77	30	30	631000	3465	CP-OFDM 64 QAM	1@1	22.23	22.34	25.30	25.90	0.3887
77	30	30	633334	3500.01	CP-OFDM QPSK	1@1	24.76	24.37	27.58	28.18	0.6576
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	24.33	24.07	27.21	27.81	0.6043
77	30	30	633334	3500.01	CP-OFDM 64 QAM	1@1	22.22	21.9	25.07	25.67	0.3693
77	30	30	635666	3534.99	CP-OFDM QPSK	1@1	24.76	24.73	27.76	28.36	0.6848
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	24.35	24.44	27.41	28.01	0.6318
77	30	30	635666	3534.99	CP-OFDM 64 QAM	1@1	22.2	22.3	25.26	25.86	0.3855
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	24.88	24.8	27.85	28.45	0.6999
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	24.47	24.68	27.59	28.19	0.6587

77	30	40	631334	3470.01	CP-OFDM 64 QAM	1@1	22.32	22.23	25.29	25.89	0.3878
77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	24.81	24.42	27.63	28.23	0.6652
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	24.39	24.25	27.33	27.93	0.6210
77	30	40	633334	3500.01	CP-OFDM 64 QAM	1@1	22.25	21.98	25.13	25.73	0.3739
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	24.74	24.79	27.78	28.38	0.6879
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	24.2	24.4	27.31	27.91	0.6182
77	30	40	635332	3529.98	CP-OFDM 64 QAM	1@1	22.16	22.4	25.29	25.89	0.3883
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	24.84	24.9	27.88	28.48	0.7048
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	24.44	24.55	27.51	28.11	0.6465
77	30	50	631668	3475.02	CP-OFDM 64 QAM	1@1	22.36	22.37	25.38	25.98	0.3958
77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	24.85	24.42	27.65	28.25	0.6684
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	24.49	24.19	27.35	27.95	0.6242
77	30	50	633334	3500.01	CP-OFDM 64 QAM	1@1	22.28	22.07	25.19	25.79	0.3790
77	30	50	635000	3525	CP-OFDM QPSK	1@1	24.76	24.59	27.69	28.29	0.6739
77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	24.33	24.29	27.32	27.92	0.6195
77	30	50	635000	3525	CP-OFDM 64 QAM	1@1	22.21	22.23	25.23	25.83	0.3829
77	30	60	632000	3480	CP-OFDM QPSK	1@1	24.78	24.99	27.90	28.50	0.7074
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	24.41	24.59	27.51	28.11	0.6473
77	30	60	632000	3480	CP-OFDM 64 QAM	1@1	22.3	22.41	25.37	25.97	0.3950
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	24.85	24.59	27.73	28.33	0.6811
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	24.39	24.39	27.40	28.00	0.6310
77	30	60	633334	3500.01	CP-OFDM 64 QAM	1@1	22.34	22.03	25.20	25.80	0.3800
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	24.77	24.62	27.71	28.31	0.6770
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	24.34	24.29	27.33	27.93	0.6202
77	30	60	634666	3519.99	CP-OFDM 64 QAM	1@1	22.17	22.12	25.16	25.76	0.3763
77	30	70	632334	3485.01	CP-OFDM QPSK	1@1	24.97	24.89	27.94	28.54	0.7146
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	24.49	24.65	27.58	28.18	0.6578
77	30	70	632334	3485.01	CP-OFDM 64 QAM	1@1	22.39	22.36	25.39	25.99	0.3968
77	30	70	633334	3500.01	CP-OFDM QPSK	1@1	24.95	24.72	27.85	28.45	0.6993
77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	24.56	24.45	27.52	28.12	0.6480
77	30	70	633334	3500.01	CP-OFDM 64 QAM	1@1	22.68	22.79	25.75	26.35	0.4311
77	30	70	634332	3514.98	CP-OFDM QPSK	1@1	24.99	24.59	27.80	28.40	0.6926
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	24.6	24.37	27.50	28.10	0.6452
77	30	70	634332	3514.98	CP-OFDM 64 QAM	1@1	22.74	22.61	25.69	26.29	0.4252
77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	25	24.94	27.98	28.58	0.7212
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	24.56	24.79	27.69	28.29	0.6740
77	30	80	632668	3490.02	CP-OFDM 64 QAM	1@1	22.45	22.42	25.45	26.05	0.4023
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	25	24.88	27.95	28.55	0.7163
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	24.53	24.63	27.59	28.19	0.6593
77	30	80	633334	3500.01	CP-OFDM 64 QAM	1@1	22.42	22.35	25.40	26.00	0.3977
77	30	80	634000	3510	CP-OFDM QPSK	1@1	25.04	24.88	27.97	28.57	0.7196
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	24.56	24.59	27.59	28.19	0.6585
77	30	80	634000	3510	CP-OFDM 64 QAM	1@1	22.49	22.33	25.42	26.02	0.4000
77	30	90	633000	3495	CP-OFDM QPSK	1@1	25.05	24.94	28.01	28.61	0.7254
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	24.63	24.72	27.69	28.29	0.6738
77	30	90	633000	3495	CP-OFDM 64 QAM	1@1	22.74	22.94	25.85	26.45	0.4417
77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	24.95	24.98	27.98	28.58	0.7203
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	24.47	24.72	27.61	28.21	0.6618
77	30	90	633334	3500.01	CP-OFDM 64 QAM	1@1	22.31	22.38	25.36	25.96	0.3940
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	24.97	25	28.00	28.60	0.7237
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	24.47	24.75	27.62	28.22	0.6641
77	30	90	633666	3504.99	CP-OFDM 64 QAM	1@1	22.35	22.43	25.40	26.00	0.3982
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	24.61	24.36	27.50	28.10	0.6452
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.94	25.06	28.01	28.61	0.7262
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	24.54	24.52	27.54	28.14	0.6517
77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	24.12	24.22	27.18	27.78	0.5999
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	24.65	24.76	27.72	28.32	0.6785

77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	24.13	24.31	27.23	27.83	0.6069
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	22.15	22.35	25.26	25.86	0.3856
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	22.18	22.34	25.27	25.87	0.3865
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	21.96	21.63	24.81	25.41	0.3474
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	22.11	22.28	25.21	25.81	0.3807
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	18.59	18.53	21.57	22.17	0.1648
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	18.05	18.41	21.24	21.84	0.1529

# FR1 N77 SCS 30K MIMO-ANT4

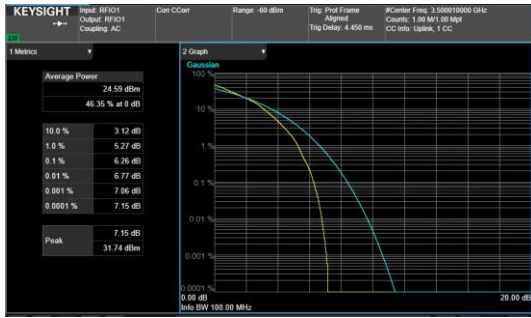
## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00263	PASS	NV
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00342	PASS	LV
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00462	PASS	HV
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	-0.00368	PASS	-30°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00427	PASS	-20°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00267	PASS	-10°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00347	PASS	0°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00342	PASS	10°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	-0.00529	PASS	20°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	-0.00352	PASS	30°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00634	PASS	40°C
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00415	PASS	50°C

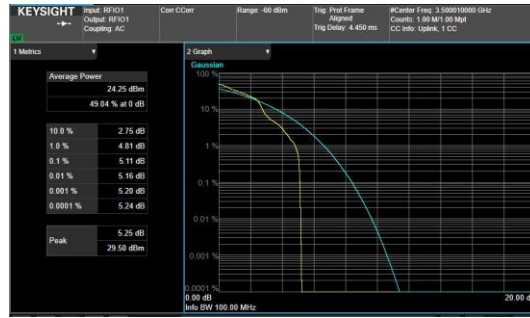
## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	6.26	13	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	5.11	13	PASS
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	6.28	13	PASS
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	5.64	13	PASS

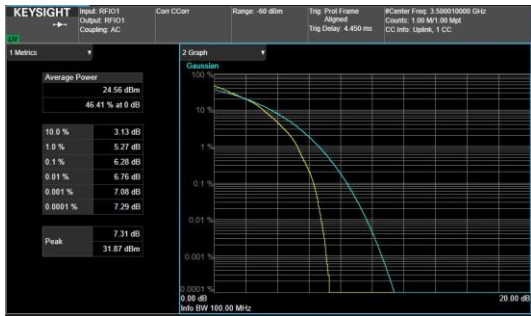
N77(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



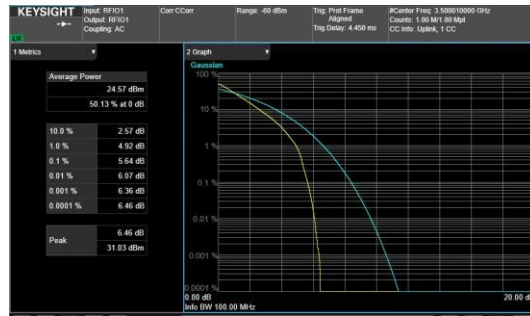
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



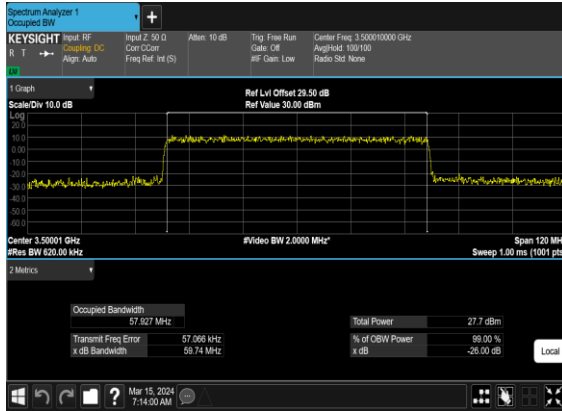
N77(100M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Mid\_CH



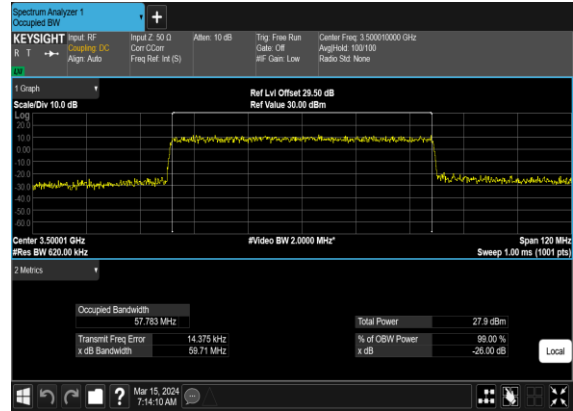
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.927	59.74
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.783	59.71
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.889	59.83
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.917	59.72
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.644	69.78
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.588	71.48
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.307	69.73
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.419	69.67
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.61	79.85
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.594	79.94
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.516	79.9
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.38	79.9
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.611	90.26
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.784	90.29
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.344	90.13
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.536	90.16
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.659	100.6
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.465	100.6
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.417	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.146	100.5

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



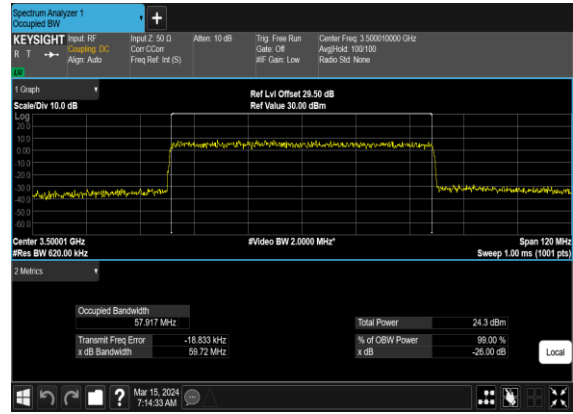
### N77(60M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



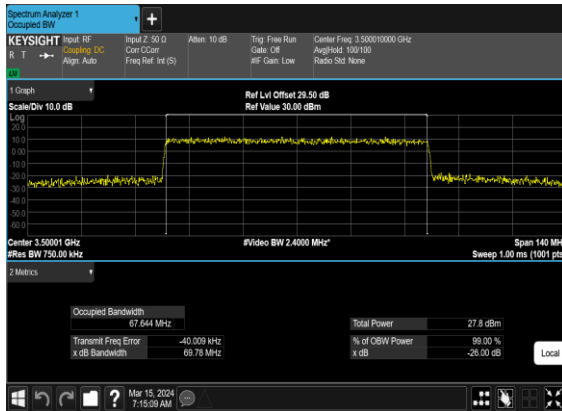
### N77(60M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



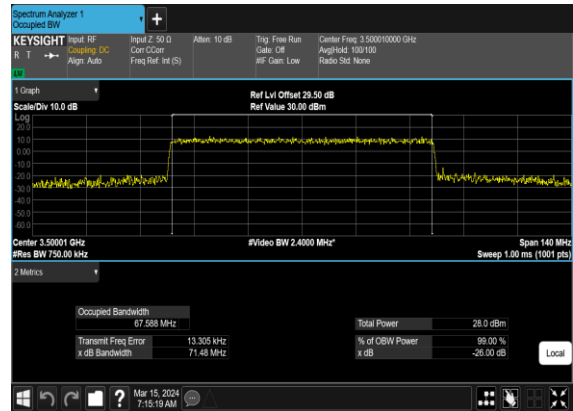
### N77(60M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



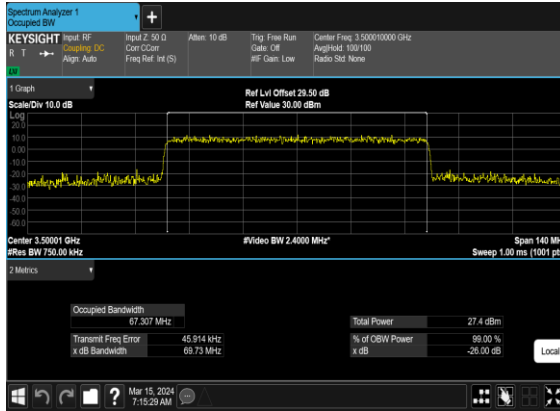
### N77(70M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



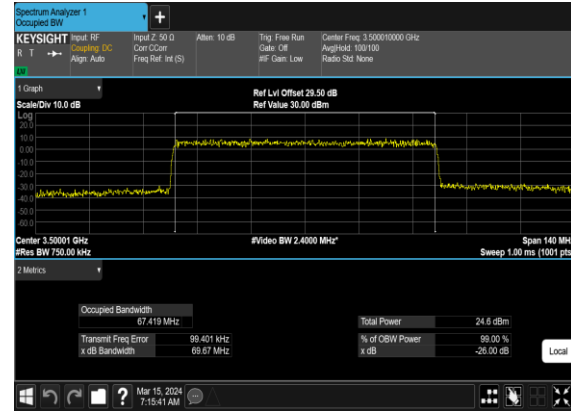
### N77(70M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



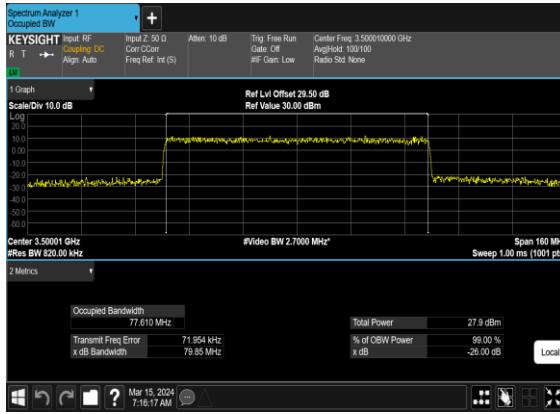
### N77(70M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



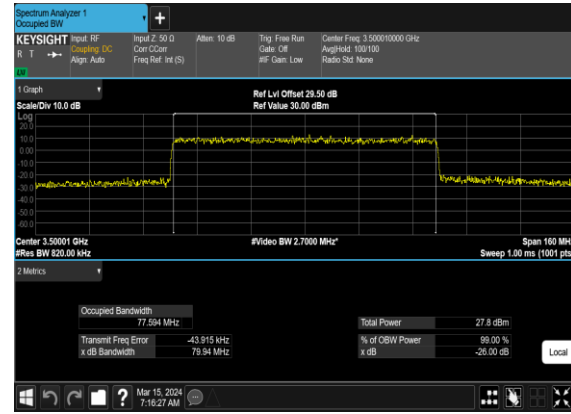
### N77(70M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



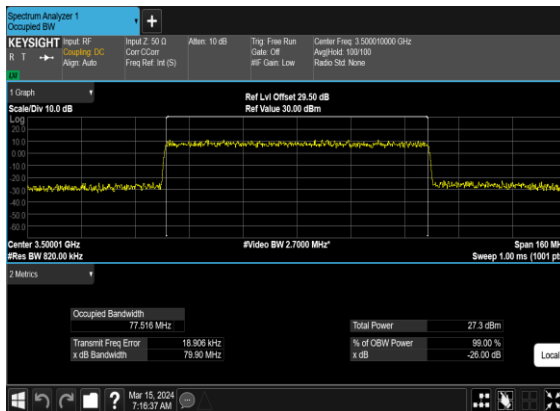
### N77(80M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



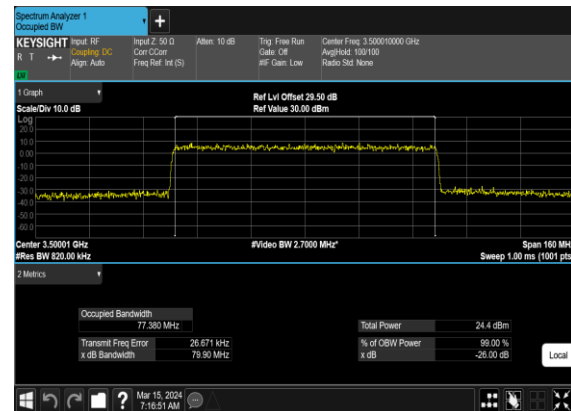
### N77(80M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



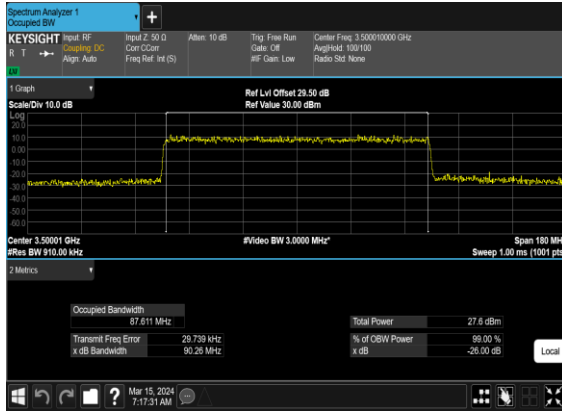
### N77(80M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



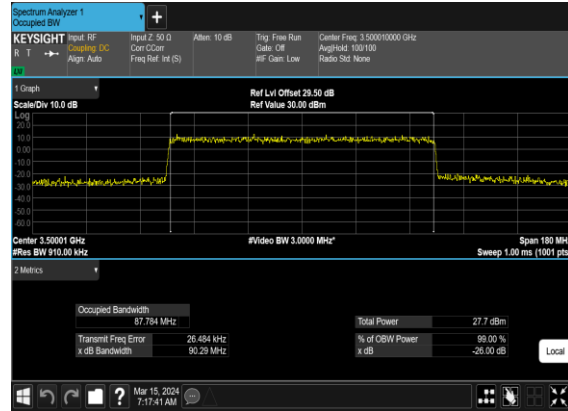
### N77(80M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



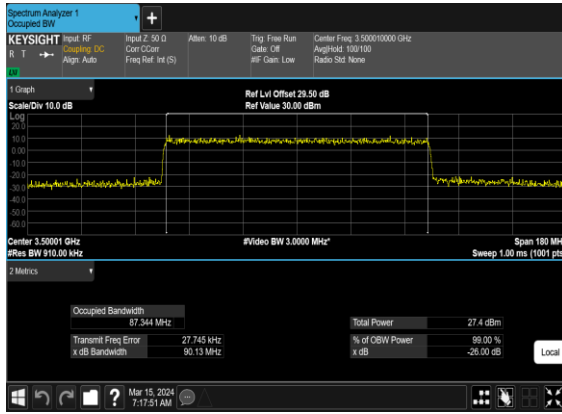
### N77(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



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



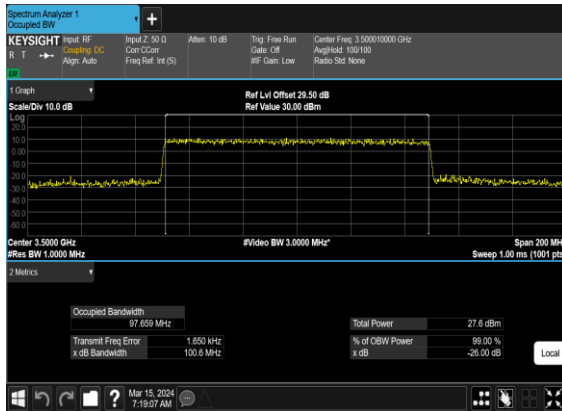
### N77(90M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



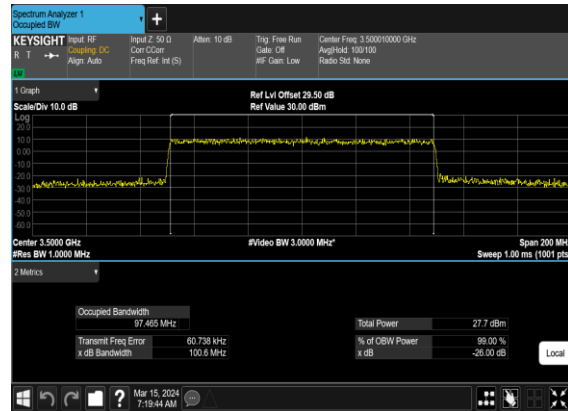
### N77(90M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



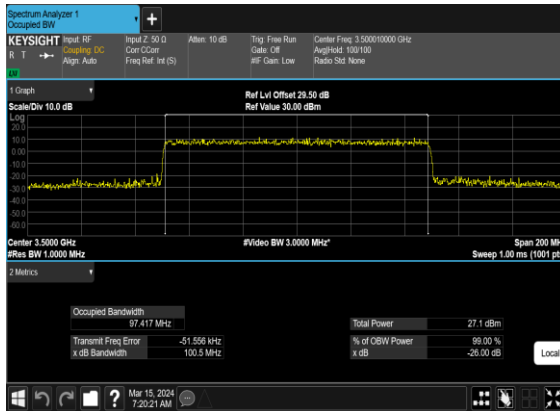
### N77(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



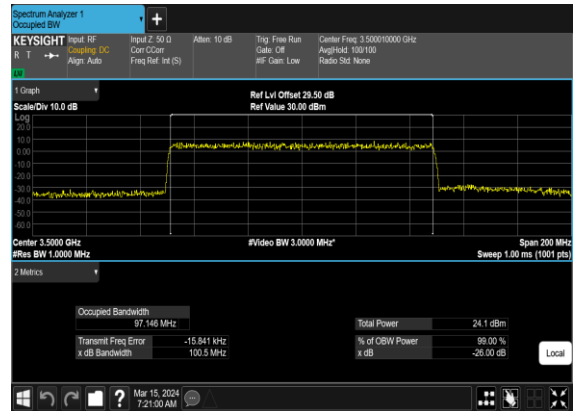
### N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



## 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	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	---
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	---
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	632668	3490.02	CP-OFDM QPSK	1@0	see graph	---
77	30	80	632668	3490.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@0	see graph	---
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	80	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS

77	30	80	634000	3510.0	CP-OFDM QPSK	1@0	see graph	---
77	30	80	634000	3510.0	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	80	634000	3510.0	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	80	634000	3510.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	80	634000	3510.0	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	30	80	634000	3510.0	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
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	<b>PASS</b>
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>