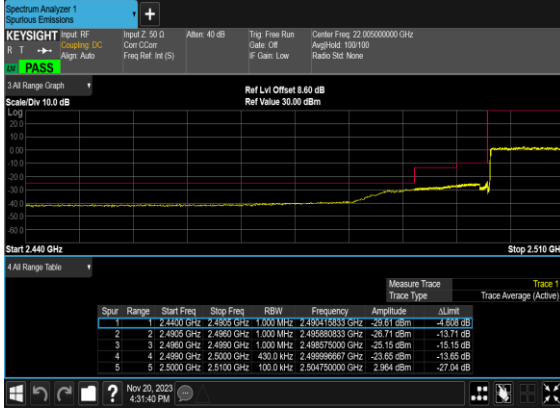
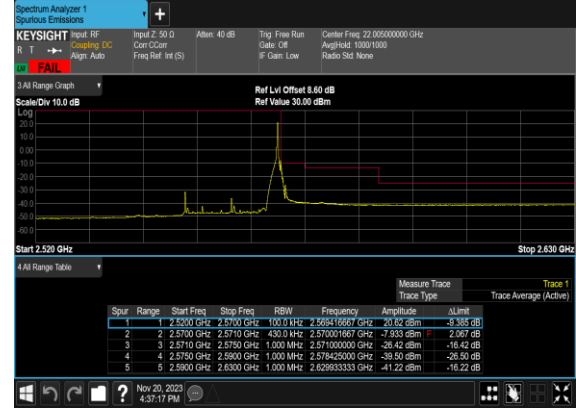


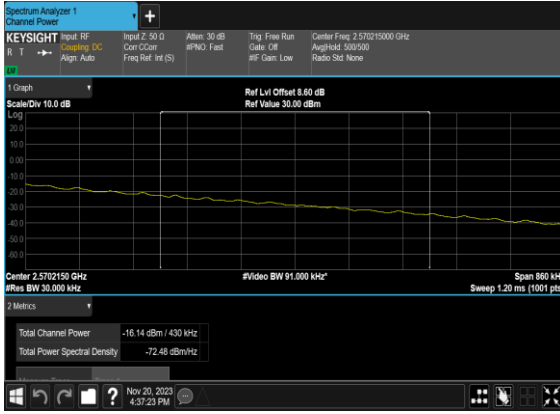
### N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



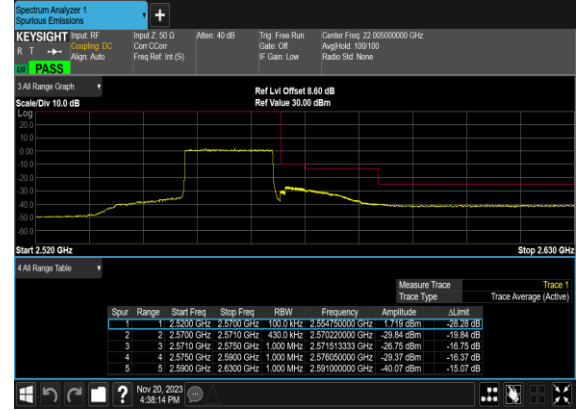
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



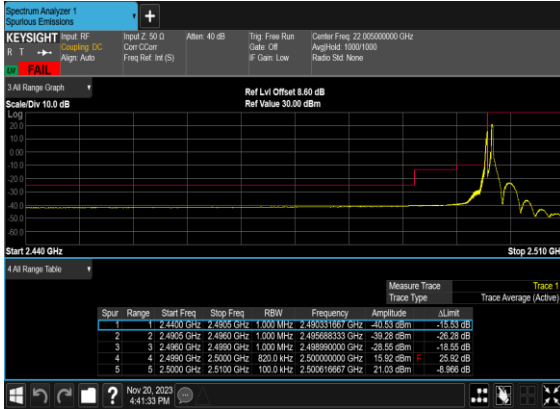
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH CH P\_PASS



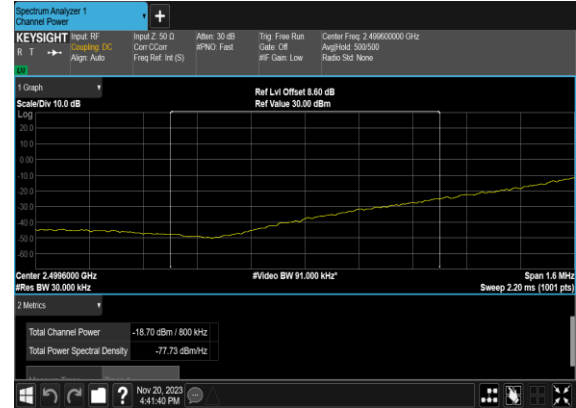
### N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



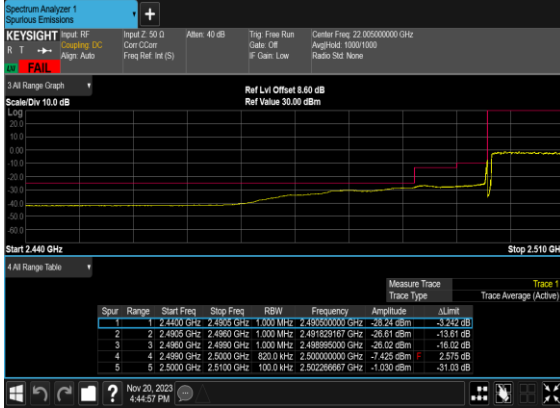
### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



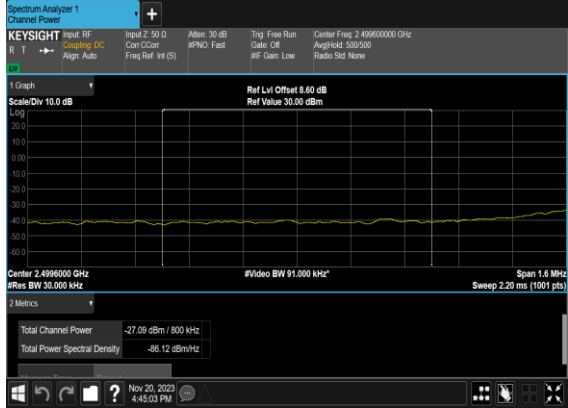
### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH CH PASS



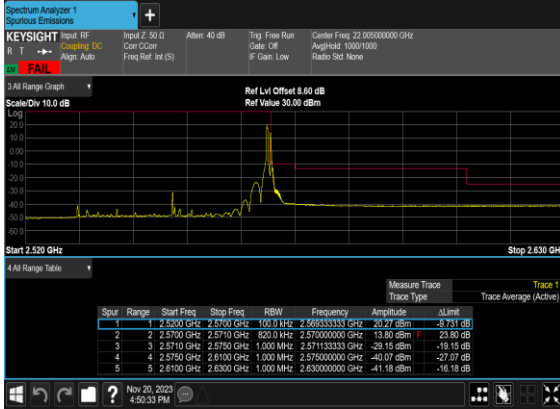
### N7(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



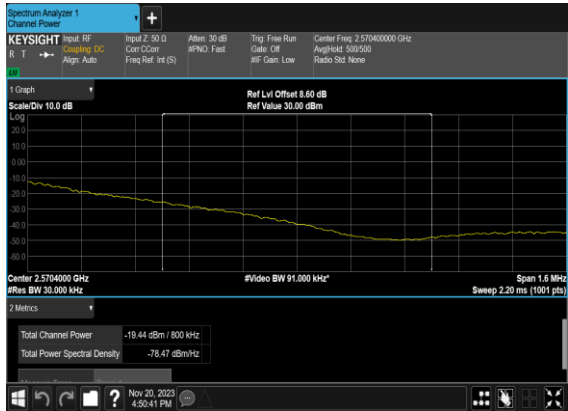
### N7(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



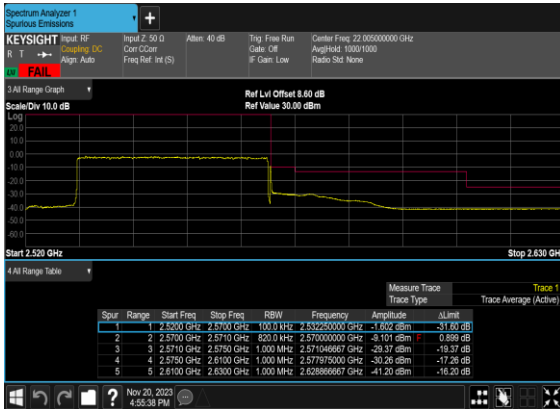
### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



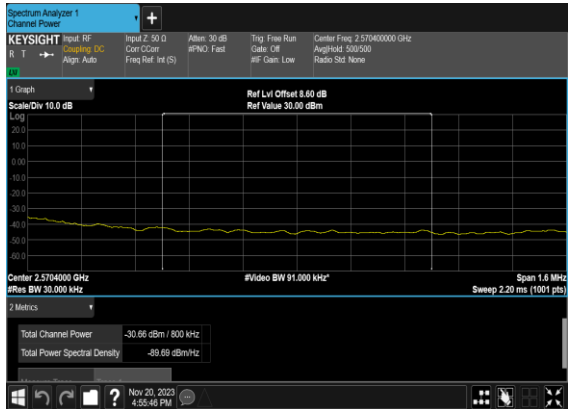
### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_ch P\_PASS



### N7(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



### N7(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



Note: "CHP" means channel power integration method.

# FR1 N26(ANT1)

## Transmitter Conducted Output Power And ERP, (G<sub>T</sub> - L<sub>C</sub>)=-3.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	24.58	18.73	0.0746
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	23.47	17.62	0.0578
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	24.48	18.63	0.0729
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.54	17.69	0.0587
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	24.32	18.47	0.0703
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	23.36	17.51	0.0564
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@1	24.53	18.68	0.0738
26	15	10	165800	829.0	DFT-s-OFDM 16 QAM	1@1	23.51	17.66	0.0583
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	24.35	18.5	0.0708
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.42	17.57	0.0571
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@1	24.11	18.26	0.0670
26	15	10	168800	844.0	DFT-s-OFDM 16 QAM	1@1	23.09	17.24	0.0530
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	24.63	18.78	0.0755
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	23.46	17.61	0.0577
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	24.54	18.69	0.0740
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.55	17.7	0.0589
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	24.4	18.55	0.0716
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	23.41	17.56	0.0570
26	15	20	166800	834.0	DFT-s-OFDM QPSK	50@25	24.55	18.7	0.0741
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@1	24.56	18.71	0.0743
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@104	24.19	18.34	0.0682
26	15	20	166800	834.0	DFT-s-OFDM 16 QAM	50@25	23.66	17.81	0.0604
26	15	20	166800	834.0	DFT-s-OFDM 16 QAM	1@1	23.61	17.76	0.0597
26	15	20	166800	834.0	DFT-s-OFDM 16 QAM	1@104	23.23	17.38	0.0547
26	15	20	166800	834.0	DFT-s-OFDM 64 QAM	50@25	22	16.15	0.0412
26	15	20	166800	834.0	DFT-s-OFDM 64 QAM	1@1	22.2	16.35	0.0432
26	15	20	166800	834.0	DFT-s-OFDM 64 QAM	1@104	21.79	15.94	0.0393
26	15	20	166800	834.0	DFT-s-OFDM 256 QAM	50@25	20.02	14.17	0.0261
26	15	20	166800	834.0	DFT-s-OFDM 256 QAM	1@1	20.14	14.29	0.0269

26	15	20	166800	834.0	DFT-s-OFDM 256 QAM	1@104	19.77	13.92	0.0247
26	15	20	166800	834.0	CP-OFDM QPSK	53@26	23.03	17.18	0.0522
26	15	20	166800	834.0	CP-OFDM QPSK	1@1	23	17.15	0.0519
26	15	20	166800	834.0	CP-OFDM QPSK	1@104	22.65	16.8	0.0479
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	24.53	18.68	0.0738
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	24.67	18.82	0.0762
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	24.23	18.38	0.0689
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	23.55	17.7	0.0589
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.62	17.77	0.0598
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	23.25	17.4	0.0550
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	21.96	16.11	0.0408
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	22.22	16.37	0.0434
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	21.85	16	0.0398
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	19.99	14.14	0.0259
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	20.1	14.25	0.0266
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	19.79	13.94	0.0248
26	15	20	167300	836.5	CP-OFDM QPSK	53@26	22.92	17.07	0.0509
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.99	17.14	0.0518
26	15	20	167300	836.5	CP-OFDM QPSK	1@104	22.65	16.8	0.0479
26	15	20	167800	839.0	DFT-s-OFDM QPSK	50@25	24.49	18.64	0.0731
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@1	24.55	18.7	0.0741
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@104	24.29	18.44	0.0698
26	15	20	167800	839.0	DFT-s-OFDM 16 QAM	50@25	23.51	17.66	0.0583
26	15	20	167800	839.0	DFT-s-OFDM 16 QAM	1@1	23.57	17.72	0.0592
26	15	20	167800	839.0	DFT-s-OFDM 16 QAM	1@104	23.32	17.47	0.0558
26	15	20	167800	839.0	DFT-s-OFDM 64 QAM	50@25	21.93	16.08	0.0406
26	15	20	167800	839.0	DFT-s-OFDM 64 QAM	1@1	22.11	16.26	0.0423
26	15	20	167800	839.0	DFT-s-OFDM 64 QAM	1@104	21.94	16.09	0.0406
26	15	20	167800	839.0	DFT-s-OFDM 256 QAM	50@25	19.93	14.08	0.0256
26	15	20	167800	839.0	DFT-s-OFDM 256 QAM	1@1	20.1	14.25	0.0266
26	15	20	167800	839.0	DFT-s-OFDM 256 QAM	1@104	19.8	13.95	0.0248
26	15	20	167800	839.0	CP-OFDM QPSK	53@26	22.91	17.06	0.0508
26	15	20	167800	839.0	CP-OFDM QPSK	1@1	22.96	17.11	0.0514
26	15	20	167800	839.0	CP-OFDM QPSK	1@104	22.67	16.82	0.0481

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0060	PASS	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0047	PASS	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0023	PASS	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	-30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0048	PASS	-20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0022	PASS	-10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0070	PASS	0°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0020	PASS	10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0060	PASS	20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0063	PASS	30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0060	PASS	40°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0021	PASS	50°C

# Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.33	13	PASS
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	5.0	13	PASS

N26(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



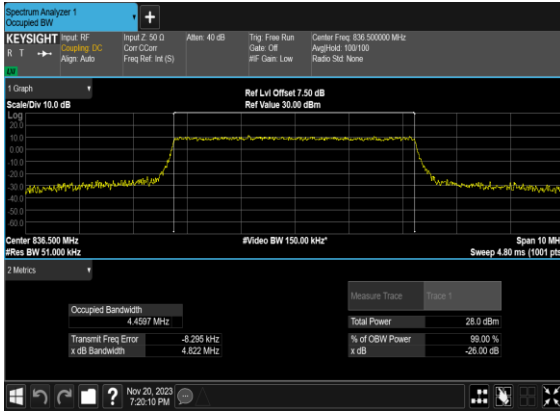
N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



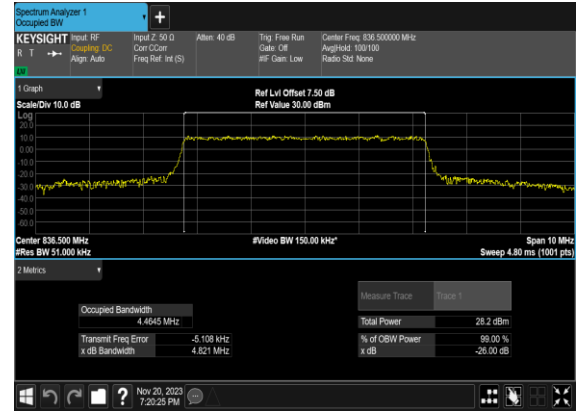
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
26	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.4597	4.822
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4645	4.821
26	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4686	4.832
26	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.46	4.803
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.27	9.779
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2741	9.827
26	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.2761	9.789
26	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.252	9.763
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.059	14.79
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.084	14.69
26	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.068	14.75
26	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.037	14.79
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.897	19.7
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.93	19.75
26	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.97	19.58
26	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.883	19.81

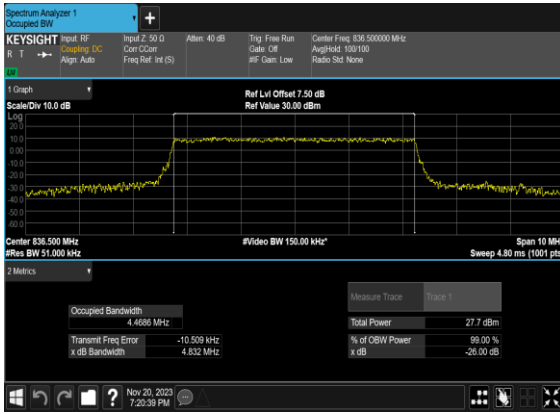
### N26(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N26(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



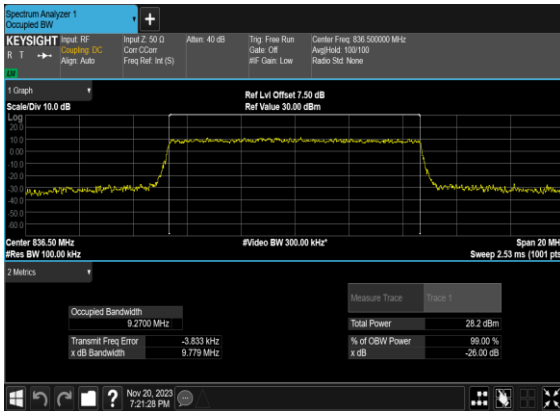
### N26(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



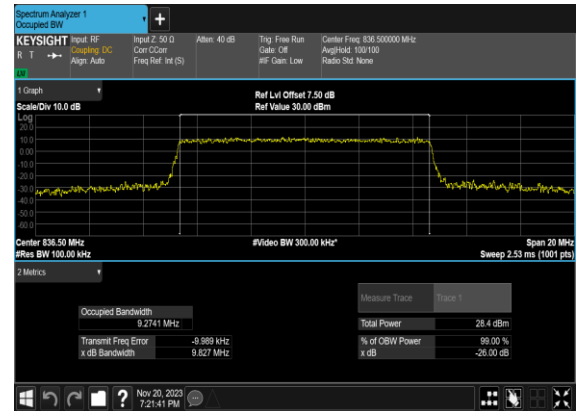
### N26(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N26(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

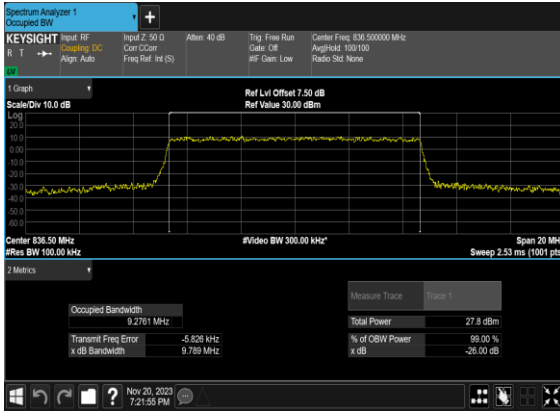


### N26(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH

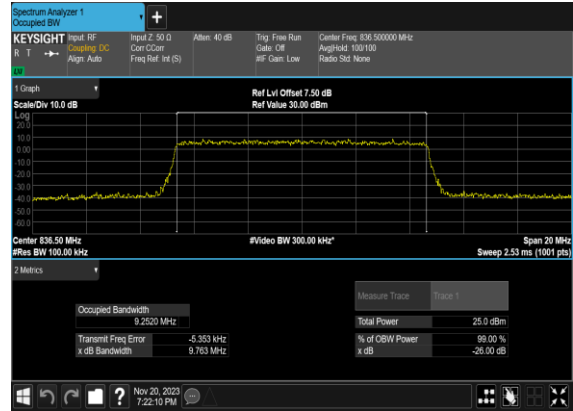




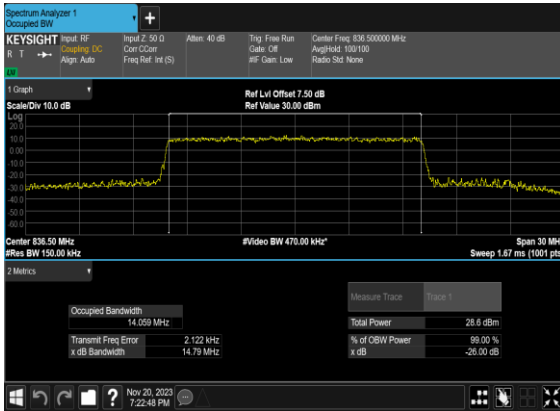
### N26(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N26(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



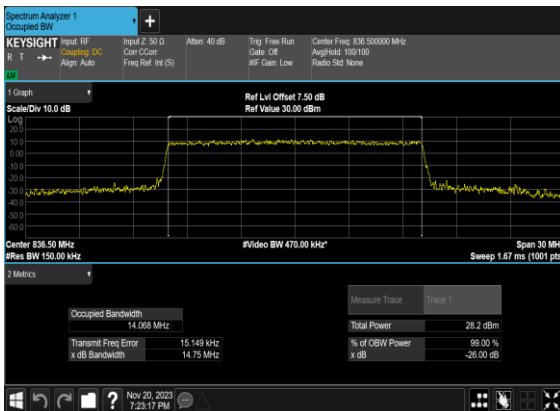
### N26(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



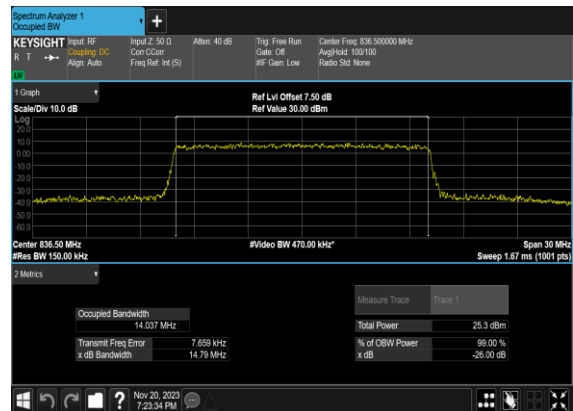
### N26(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N26(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



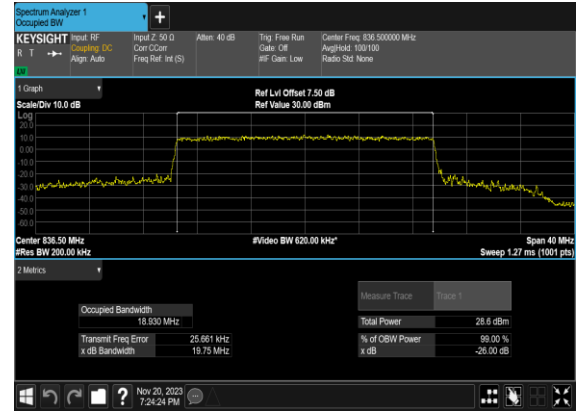
### N26(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



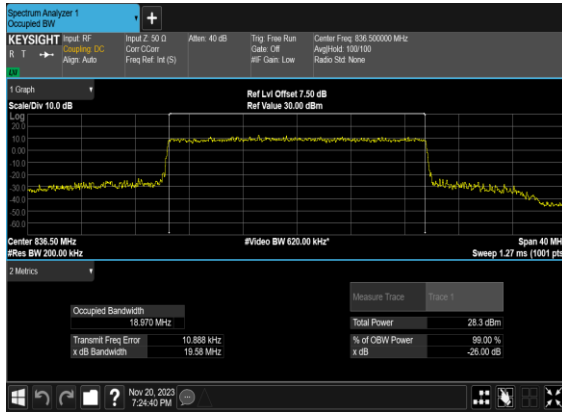
### N26(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



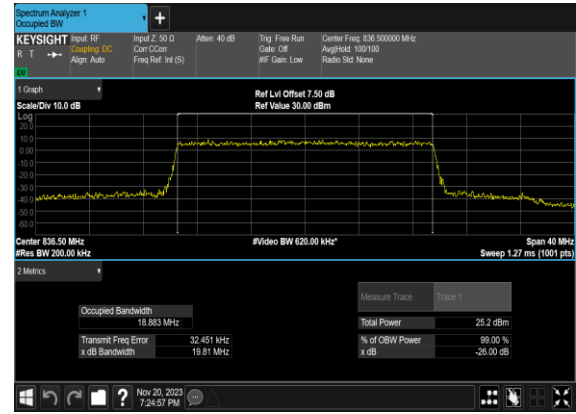
### N26(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N26(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



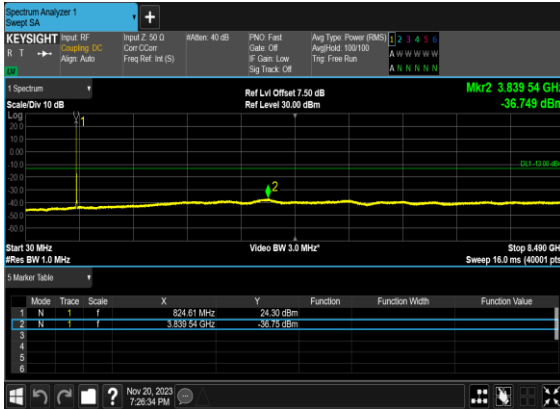
### N26(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



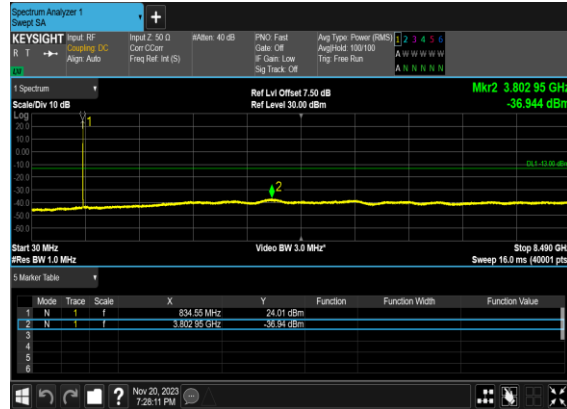
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

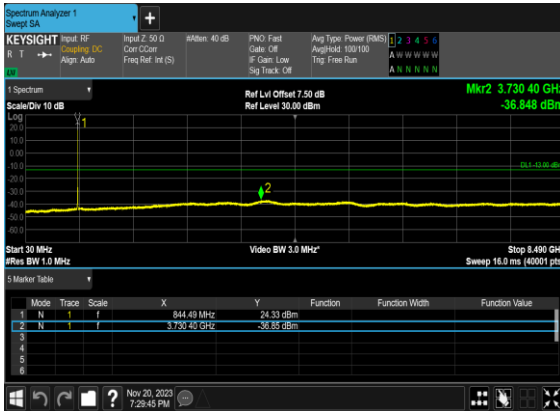
N26(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



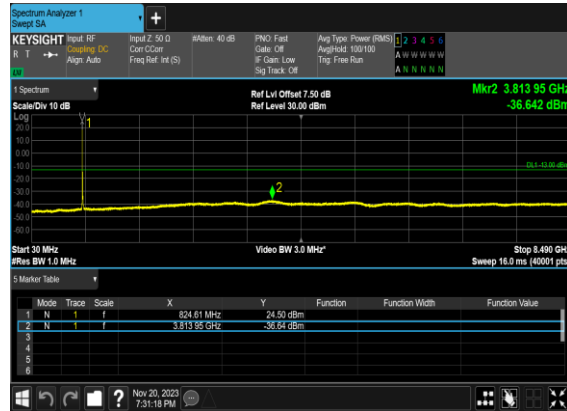
N26(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



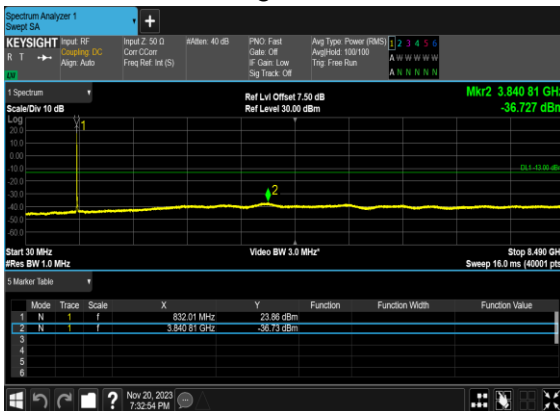
N26(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



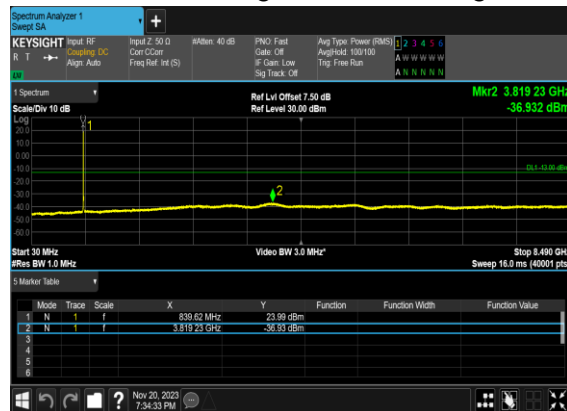
N26(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



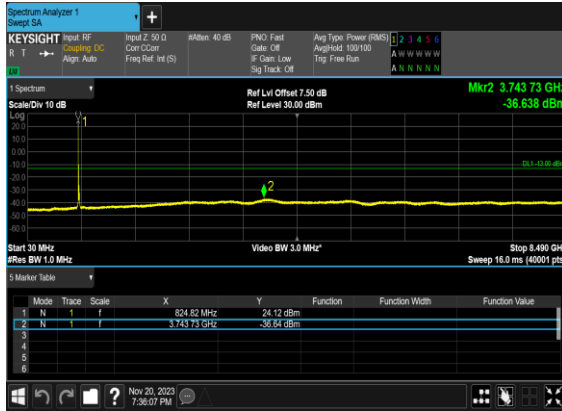
N26(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



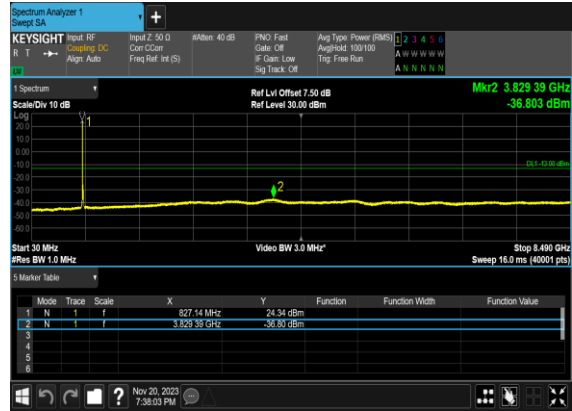
N26(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



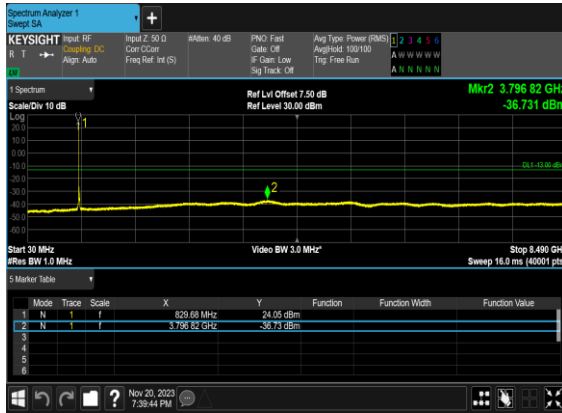
### N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



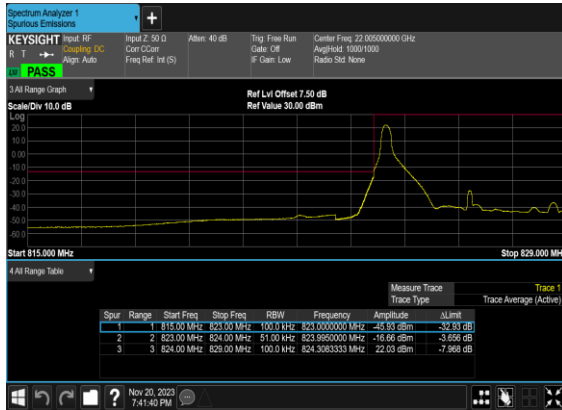
### N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



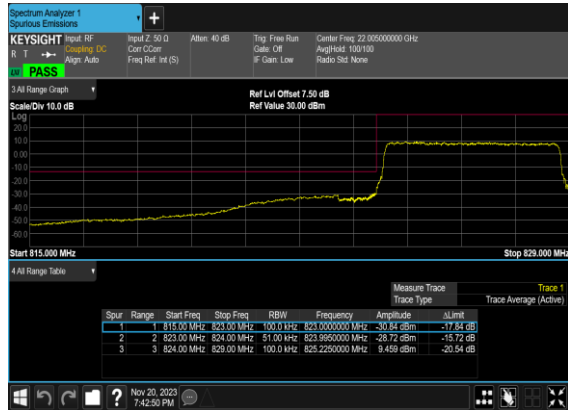
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	<b>PASS</b>
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	<b>PASS</b>
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	<b>PASS</b>
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	10	165800	829.0	DFT-s-OFDM QPSK	50@0	see graph	<b>PASS</b>
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@51	see graph	<b>PASS</b>
26	15	10	168800	844.0	DFT-s-OFDM QPSK	50@0	see graph	<b>PASS</b>
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	see graph	<b>PASS</b>
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	<b>PASS</b>
26	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	<b>PASS</b>

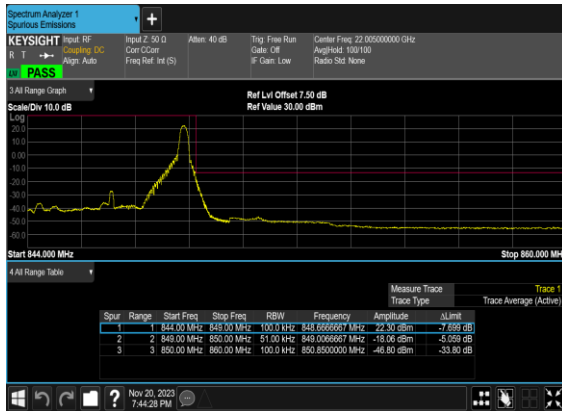
N26(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



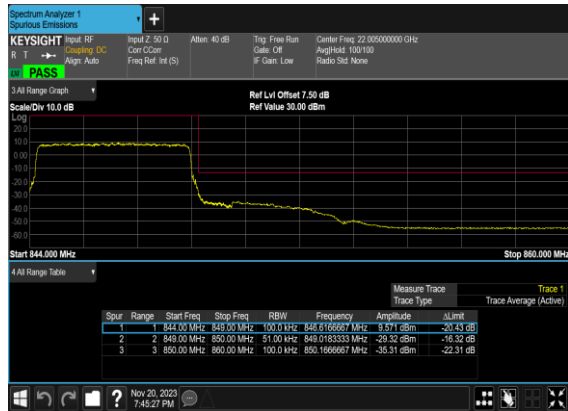
N26(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



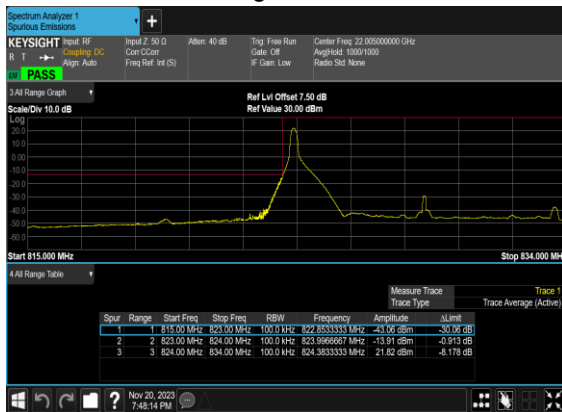
N26(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



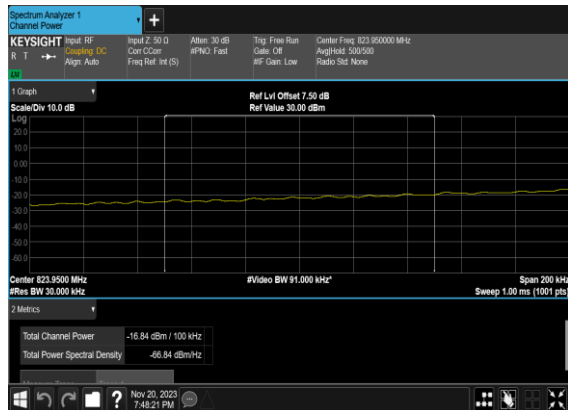
N26(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



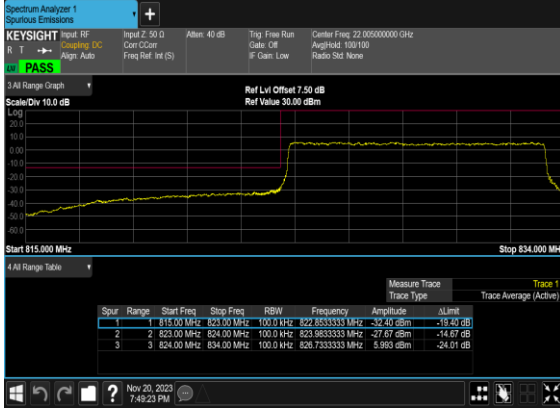
N26(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N26(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_P  
ASS



N26(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N26(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



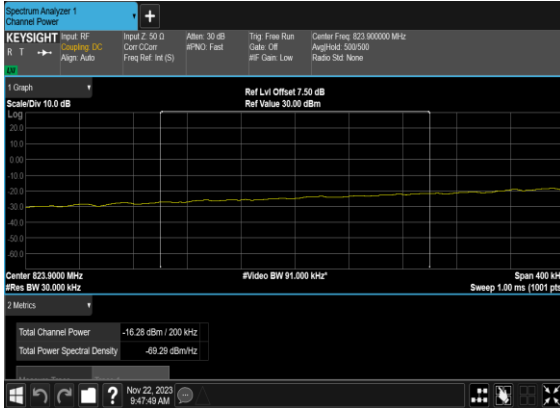
N26(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



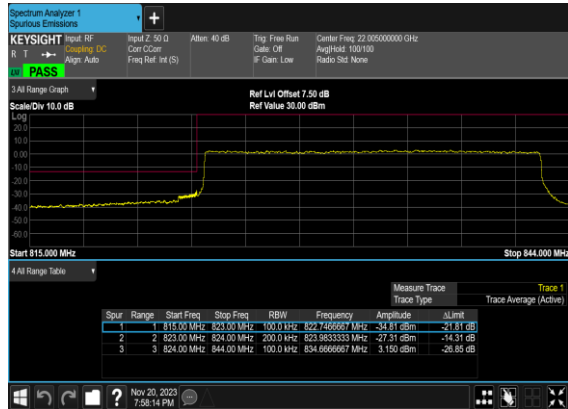
N26(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N26(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_chp  
\_PASS



N26(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

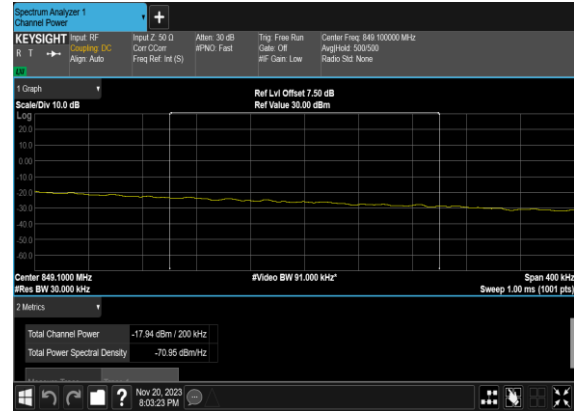




### N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH CHP\_PASS



### N26(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N38(ANT0+4)

LTE Band: 4, LTE BW: 10M, LTE ARFCN: Mid

## Transmitter Conducted Output Power And EIRP, ( $G_T - L_C$ )=-0.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@1	24.44	23.74	0.2366
38	30	10	515000	2575.0	DFT-s-OFDM 16 QAM	1@1	23.81	23.11	0.2046
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@1	24.54	23.84	0.2421
38	30	10	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	23.93	23.23	0.2104
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@1	24.33	23.63	0.2307
38	30	10	523000	2615.0	DFT-s-OFDM 16 QAM	1@1	23.75	23.05	0.2018
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	24.43	23.73	0.2360
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	23.71	23.01	0.2000
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@1	24.46	23.76	0.2377
38	30	15	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	23.76	23.06	0.2023
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	24.34	23.64	0.2312
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	23.64	22.94	0.1968
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@1	24.34	23.64	0.2312
38	30	20	516000	2580.0	DFT-s-OFDM 16 QAM	1@1	23.69	22.99	0.1991
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	1@1	24.39	23.69	0.2339
38	30	20	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	23.73	23.03	0.2009
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@1	24.38	23.68	0.2333
38	30	20	522000	2610.0	DFT-s-OFDM 16 QAM	1@1	23.74	23.04	0.2014
38	30	30	517000	2585.0	DFT-s-OFDM QPSK	1@1	24.27	23.57	0.2275
38	30	30	517000	2585.0	DFT-s-OFDM 16 QAM	1@1	23.54	22.84	0.1923
38	30	30	519000	2595.0	DFT-s-OFDM QPSK	1@1	24.17	23.47	0.2223
38	30	30	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	23.49	22.79	0.1901
38	30	30	521000	2605.0	DFT-s-OFDM QPSK	1@1	24.36	23.66	0.2323
38	30	30	521000	2605.0	DFT-s-OFDM 16 QAM	1@1	23.65	22.95	0.1972
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	50@25	24.67	23.97	0.2495
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@1	24.1	23.4	0.2188
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@104	24.22	23.52	0.2249
38	30	40	518000	2590.0	DFT-s-OFDM 16 QAM	50@25	23.71	23.01	0.2000

38	30	40	518000	2590.0	DFT-s-OFDM 16 QAM	1@1	23.52	22.82	0.1914
38	30	40	518000	2590.0	DFT-s-OFDM 16 QAM	1@104	23.65	22.95	0.1972
38	30	40	518000	2590.0	DFT-s-OFDM 64 QAM	50@25	22.19	21.49	0.1409
38	30	40	518000	2590.0	DFT-s-OFDM 64 QAM	1@1	21.58	20.88	0.1225
38	30	40	518000	2590.0	DFT-s-OFDM 64 QAM	1@104	21.7	21	0.1259
38	30	40	518000	2590.0	DFT-s-OFDM 256 QAM	50@25	20.13	19.43	0.0877
38	30	40	518000	2590.0	DFT-s-OFDM 256 QAM	1@1	19.38	18.68	0.0738
38	30	40	518000	2590.0	DFT-s-OFDM 256 QAM	1@104	19.57	18.87	0.0771
38	30	40	518000	2590.0	CP-OFDM QPSK	53@26	23.14	22.44	0.1754
38	30	40	518000	2590.0	CP-OFDM QPSK	1@1	22.58	21.88	0.1542
38	30	40	518000	2590.0	CP-OFDM QPSK	1@104	22.59	21.89	0.1545
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	50@25	24.74	24.04	0.2535
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	1@1	23.97	23.27	0.2123
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	1@104	24.09	23.39	0.2183
38	30	40	519000	2595.0	DFT-s-OFDM 16 QAM	50@25	23.81	23.11	0.2046
38	30	40	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	23.28	22.58	0.1811
38	30	40	519000	2595.0	DFT-s-OFDM 16 QAM	1@104	23.36	22.66	0.1845
38	30	40	519000	2595.0	DFT-s-OFDM 64 QAM	50@25	22.27	21.57	0.1435
38	30	40	519000	2595.0	DFT-s-OFDM 64 QAM	1@1	21.38	20.68	0.1169
38	30	40	519000	2595.0	DFT-s-OFDM 64 QAM	1@104	21.51	20.81	0.1205
38	30	40	519000	2595.0	DFT-s-OFDM 256 QAM	50@25	20.25	19.55	0.0902
38	30	40	519000	2595.0	DFT-s-OFDM 256 QAM	1@1	19.47	18.77	0.0753
38	30	40	519000	2595.0	DFT-s-OFDM 256 QAM	1@104	19.57	18.87	0.0771
38	30	40	519000	2595.0	CP-OFDM QPSK	53@26	23.12	22.42	0.1746
38	30	40	519000	2595.0	CP-OFDM QPSK	1@1	22.52	21.82	0.1521
38	30	40	519000	2595.0	CP-OFDM QPSK	1@104	22.52	21.82	0.1521
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	50@25	24.78	24.08	0.2559
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@1	23.94	23.24	0.2109
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@104	24.15	23.45	0.2213
38	30	40	520000	2600.0	DFT-s-OFDM 16 QAM	50@25	23.83	23.13	0.2056
38	30	40	520000	2600.0	DFT-s-OFDM 16 QAM	1@1	23.25	22.55	0.1799
38	30	40	520000	2600.0	DFT-s-OFDM 16 QAM	1@104	23.42	22.72	0.1871
38	30	40	520000	2600.0	DFT-s-OFDM 64 QAM	50@25	22.3	21.6	0.1445
38	30	40	520000	2600.0	DFT-s-OFDM 64 QAM	1@1	21.32	20.62	0.1153
38	30	40	520000	2600.0	DFT-s-OFDM 64 QAM	1@104	21.6	20.9	0.1230

<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM 256 QAM	50@25	20.26	19.56	0.0904
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM 256 QAM	1@1	19.38	18.68	0.0738
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM 256 QAM	1@104	19.65	18.95	0.0785
<b>38</b>	30	40	520000	2600.0	CP-OFDM QPSK	53@26	23.26	22.56	0.1803
<b>38</b>	30	40	520000	2600.0	CP-OFDM QPSK	1@1	22.45	21.75	0.1496
<b>38</b>	30	40	520000	2600.0	CP-OFDM QPSK	1@104	22.56	21.86	0.1535

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0040	PASS	NV
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0053	PASS	LV
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0058	PASS	HV
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0068	PASS	-30°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0025	PASS	-20°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0041	PASS	-10°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0045	PASS	0°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0067	PASS	10°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0040	PASS	20°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0046	PASS	30°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0053	PASS	40°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.0047	PASS	50°C

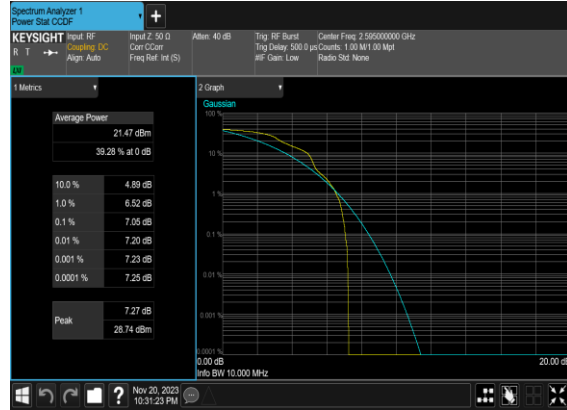
# Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	7.77	13	PASS
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	7.05	13	PASS

B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



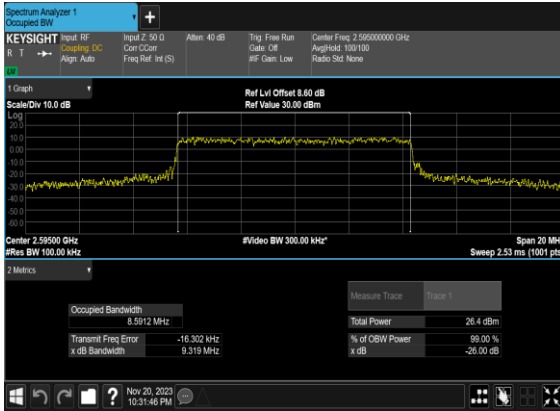
B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



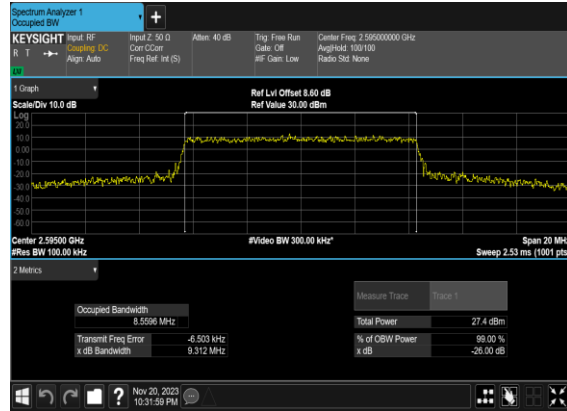
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
38	30	10	519000	2595.0	CP-OFDM QPSK	24@0	8.5912	9.319
38	30	10	519000	2595.0	CP-OFDM 16 QAM	24@0	8.5596	9.312
38	30	10	519000	2595.0	CP-OFDM 64 QAM	24@0	8.5483	9.397
38	30	10	519000	2595.0	CP-OFDM 256 QAM	24@0	8.542	9.368
38	30	15	519000	2595.0	CP-OFDM QPSK	38@0	13.565	14.22
38	30	15	519000	2595.0	CP-OFDM 16 QAM	38@0	13.542	14.36
38	30	15	519000	2595.0	CP-OFDM 64 QAM	38@0	13.591	14.17
38	30	15	519000	2595.0	CP-OFDM 256 QAM	38@0	13.53	14.47

### B4\_N38(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



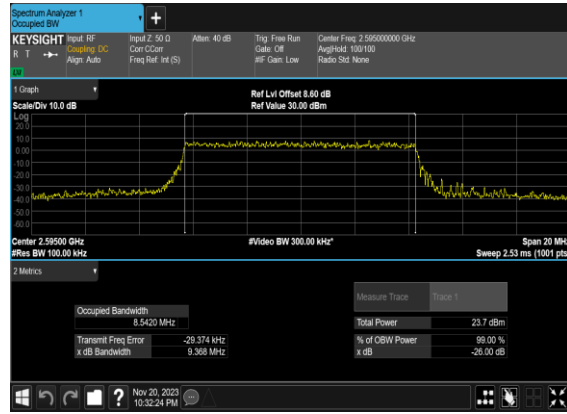
### B4\_N38(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



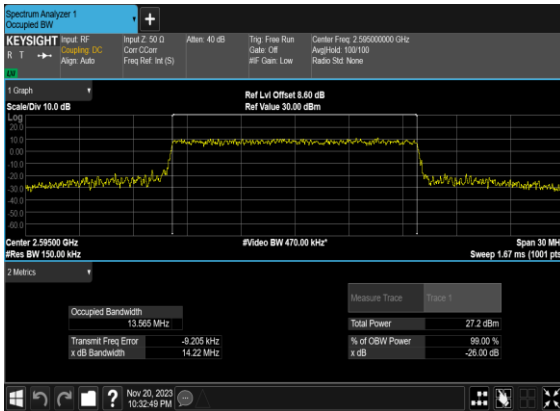
### B4\_N38(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



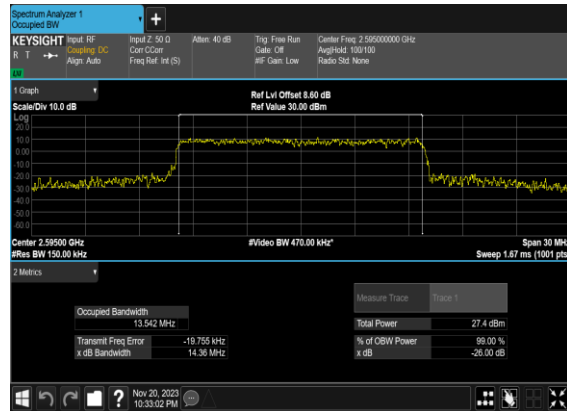
### B4\_N38(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### B4\_N38(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

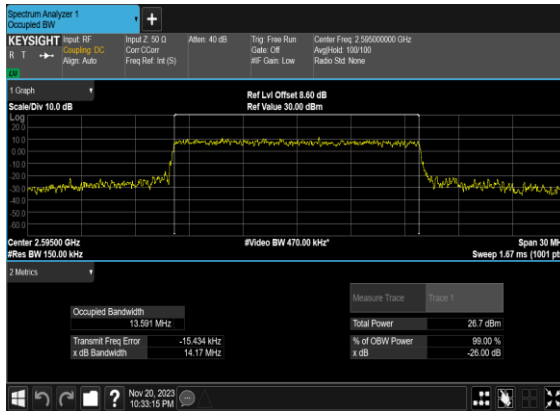


### B4\_N38(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH

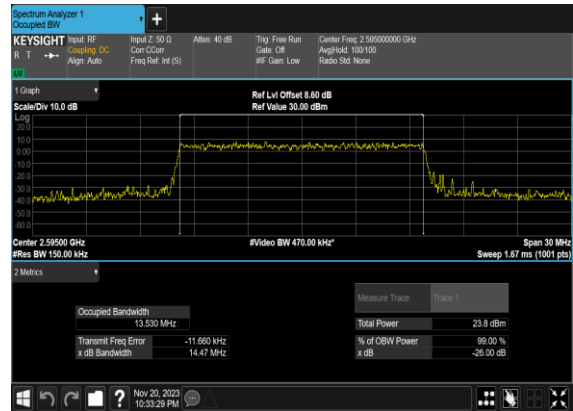




## B4\_N38(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



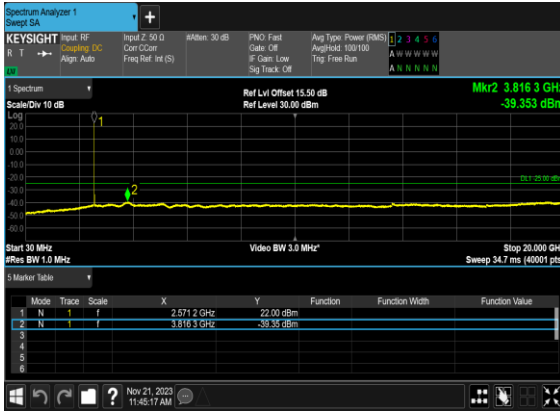
## B4\_N38(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



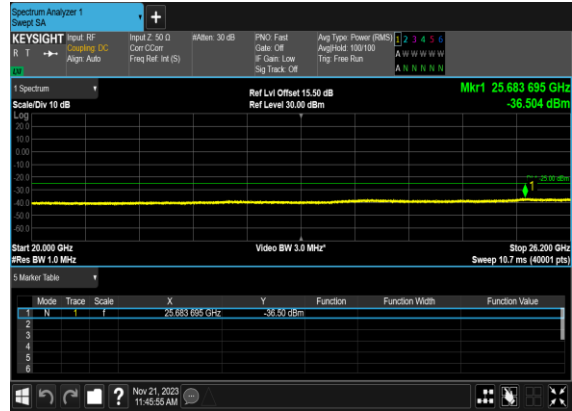
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	PASS

### B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



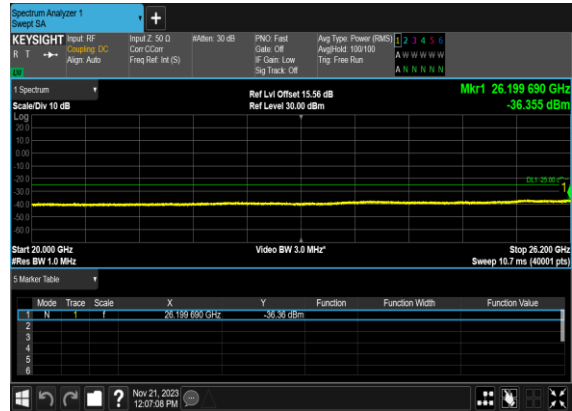
### B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



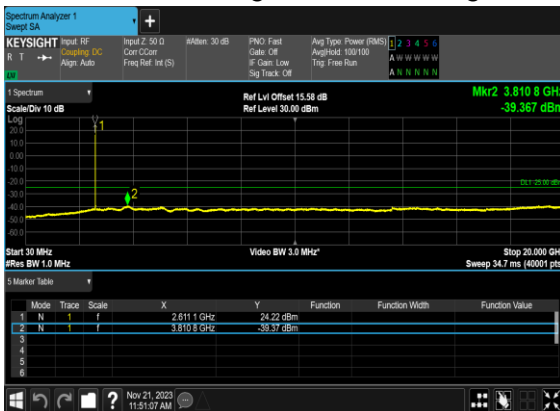
### B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



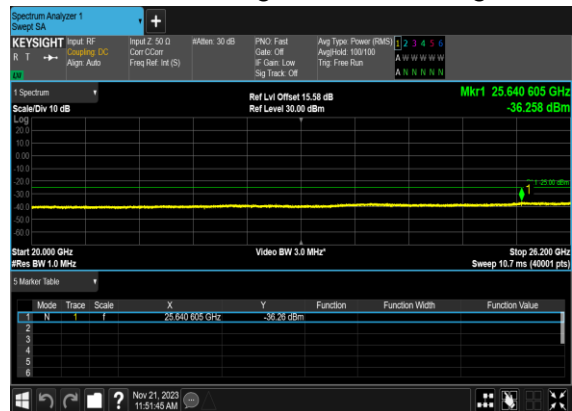
### B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



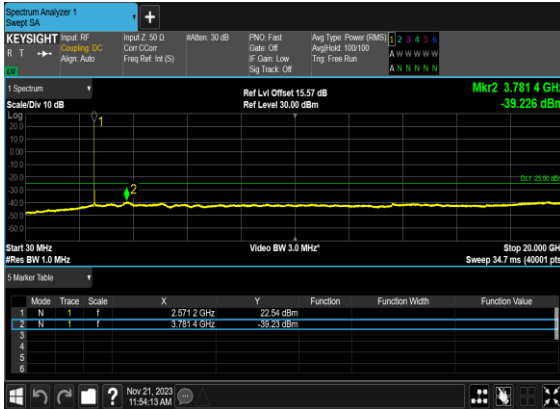
### B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



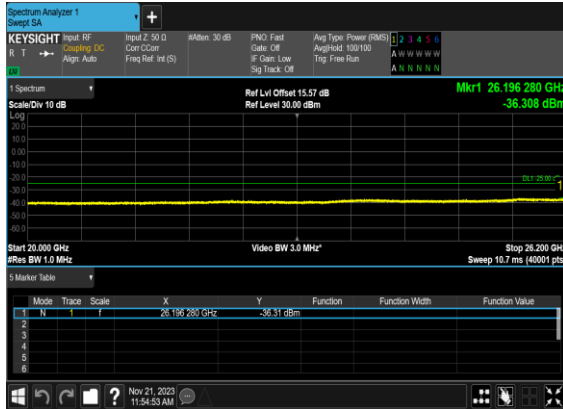
### B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



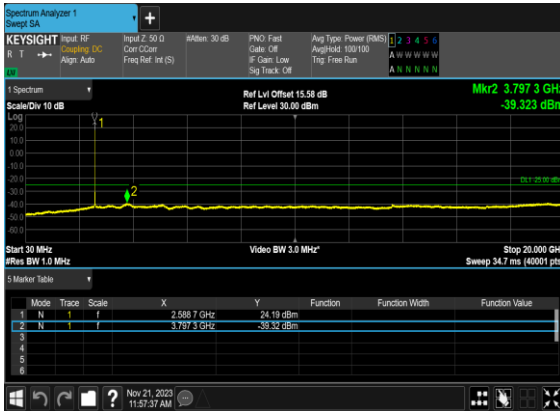
### B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



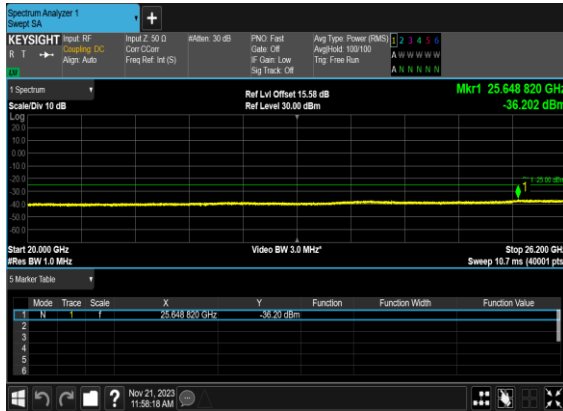
### B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



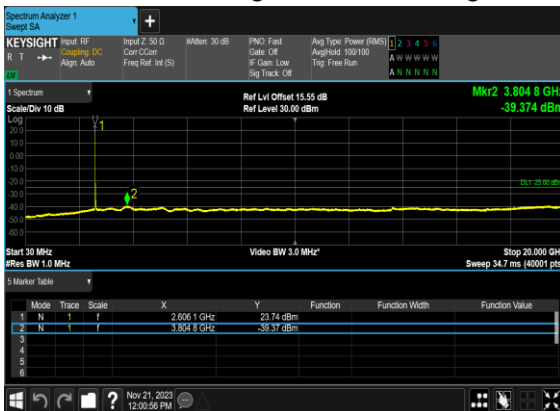
### B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



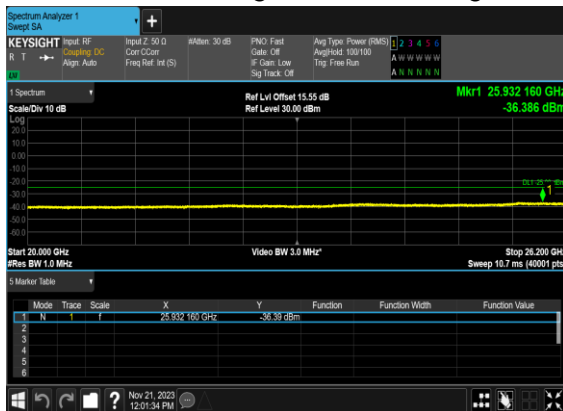
### B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



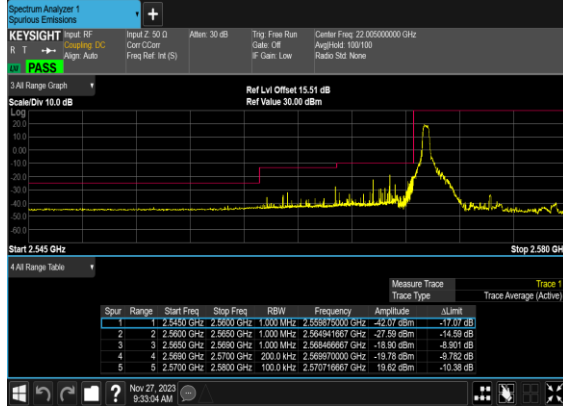
### B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



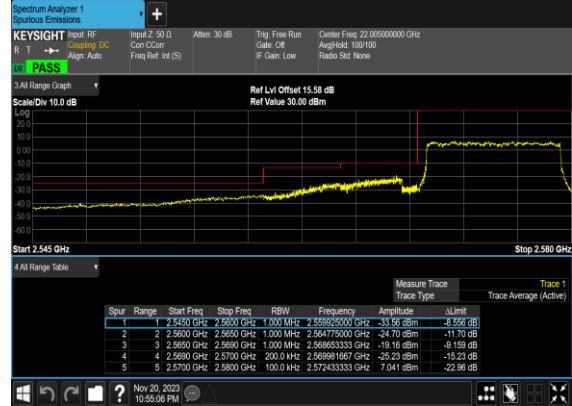
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	36@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@37	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	36@0	see graph	PASS

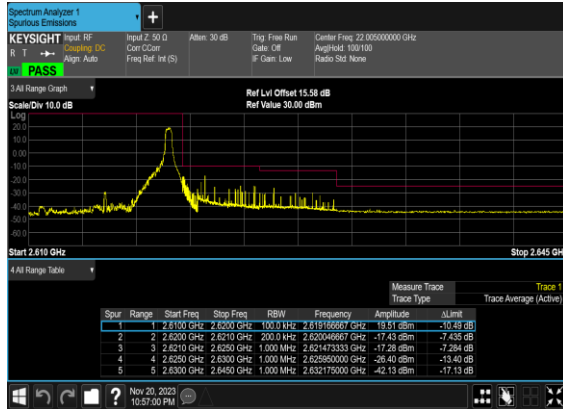
B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



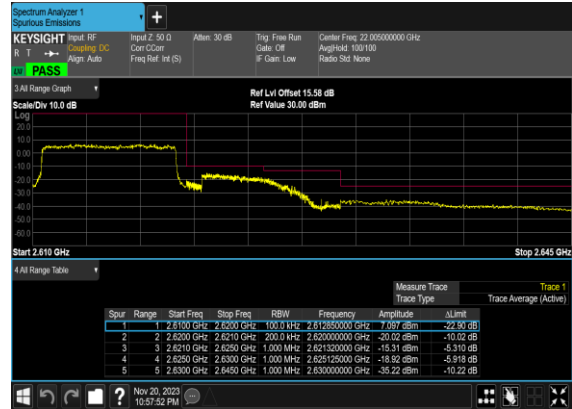
B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



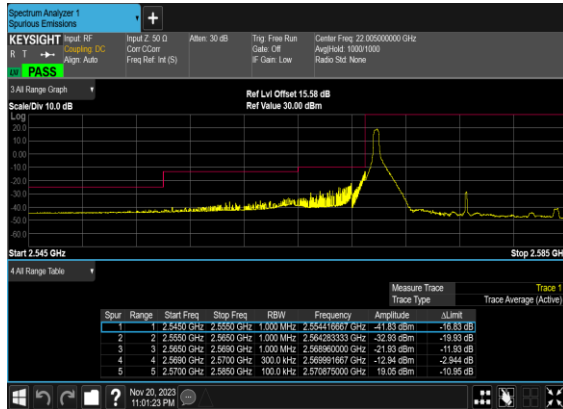
B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



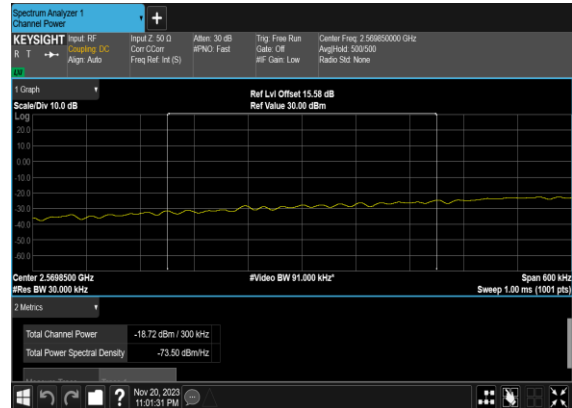
B4\_N38(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



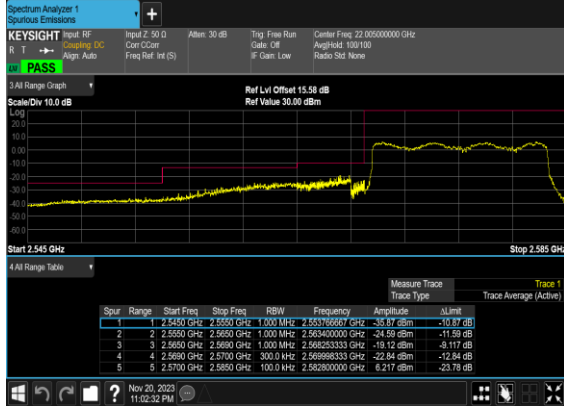
B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



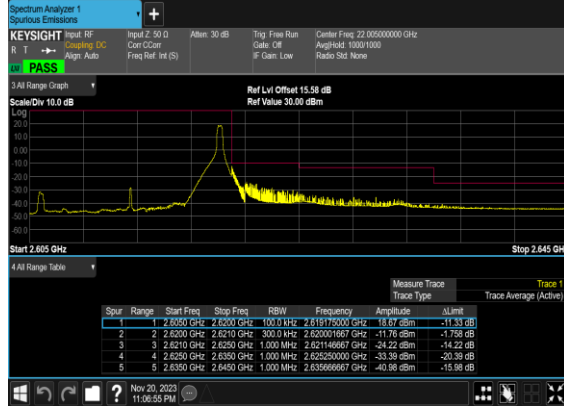
B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



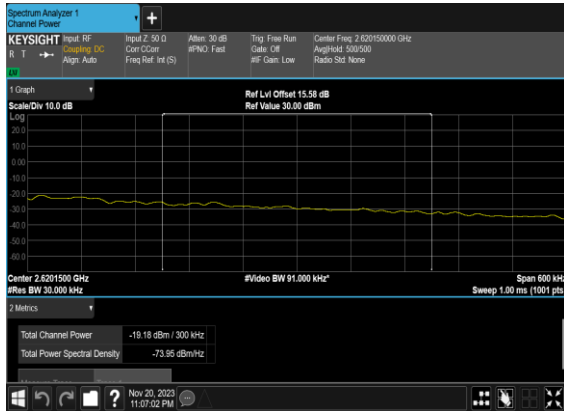
B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



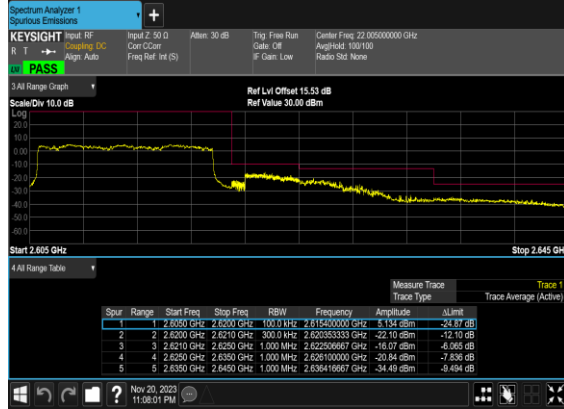
B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



B4\_N38(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



Note: "CHP" means channel power integration method.

# FR1 N41(ANT0+4)

LTE Band: 4, LTE BW: 10M, LTE ARFCN: Mid

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=-0.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.55	24.85	0.3055
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.76	24.06	0.2547
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.16	24.46	0.2793
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.38	23.68	0.2333
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.58	24.88	0.3076
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.88	24.18	0.2618
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	1@1	25.54	24.84	0.3048
41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	1@1	25.02	24.32	0.2704
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.06	24.36	0.2729
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.47	23.77	0.2382
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.55	24.85	0.3055
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.92	24.22	0.2642
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.35	24.65	0.2917
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.58	23.88	0.2443
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.86	24.16	0.2606
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.1	23.4	0.2188
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@1	25.21	24.51	0.2825
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	1@1	24.44	23.74	0.2366
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.58	24.88	0.3076
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.8	24.1	0.2570
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.26	24.56	0.2858
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.49	23.79	0.2393
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.32	24.62	0.2897
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.57	23.87	0.2438
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@1	25.49	24.79	0.3013
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	1@1	24.69	23.99	0.2506
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.28	24.58	0.2871
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.44	23.74	0.2366



41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.12	24.42	0.2767
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.3	23.6	0.2291
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.35	24.65	0.2917
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.5	23.8	0.2399
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.19	24.49	0.2812
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.41	23.71	0.2350
41	30	70	531996	2655.0	DFT-s-OFDM QPSK	1@1	24.8	24.1	0.2570
41	30	70	531996	2655.0	DFT-s-OFDM 16 QAM	1@1	23.99	23.29	0.2133
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.19	24.49	0.2812
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.36	23.66	0.2323
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.97	24.27	0.2673
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	23.48	0.2228
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.53	23.83	0.2415
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.75	23.05	0.2018
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@1	25.04	24.34	0.2716
41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	1@1	24.19	23.49	0.2234
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.7	24	0.2512
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.12	23.42	0.2198
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.49	23.79	0.2393
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.9	23.2	0.2089
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.66	24.96	0.3133
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.91	24.21	0.2636
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.66	23.96	0.2489
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.71	24.01	0.2518
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.05	23.35	0.2163
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.83	23.13	0.2056
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.23	22.53	0.1791
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.17	21.47	0.1403
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	21.96	21.26	0.1337
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.22	20.52	0.1127
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.35	19.65	0.0923
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	20.11	19.41	0.0873
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.19	23.49	0.2234
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.43	22.73	0.1875
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	23.25	22.55	0.1799

41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.46	24.76	0.2992
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.45	23.75	0.2371
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.04	24.34	0.2716
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.5	23.8	0.2399
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.66	22.96	0.1977
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.27	23.57	0.2275
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23	22.3	0.1698
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.73	21.03	0.1268
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	22.43	21.73	0.1489
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	20.99	20.29	0.1069
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.82	19.12	0.0817
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	20.51	19.81	0.0957
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.95	23.25	0.2113
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.07	22.37	0.1726
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.57	22.87	0.1936
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	135@67	25.71	25.01	0.3170
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@1	24.42	23.72	0.2355
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@271	25.41	24.71	0.2958
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	135@67	24.78	24.08	0.2559
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@1	23.59	22.89	0.1945
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@271	24.6	23.9	0.2455
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	135@67	23.34	22.64	0.1837
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@1	21.68	20.98	0.1253
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@271	22.69	21.99	0.1581
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	135@67	21.34	20.64	0.1159
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@1	19.77	19.07	0.0807
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@271	20.77	20.07	0.1016
41	30	100	528000	2640.0	CP-OFDM QPSK	137@68	24.02	23.32	0.2148
41	30	100	528000	2640.0	CP-OFDM QPSK	1@1	22.95	22.25	0.1679
41	30	100	528000	2640.0	CP-OFDM QPSK	1@271	23.81	23.11	0.2046

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0049	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0031	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0062	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0052	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0048	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0028	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0058	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0049	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0056	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0067	PASS	50°C

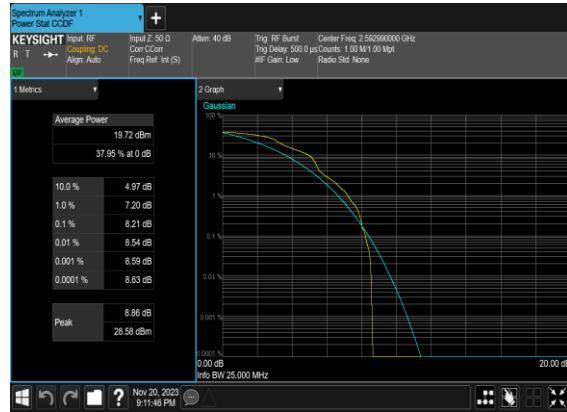
# Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	7.96	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	8.21	13	PASS

B4\_N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



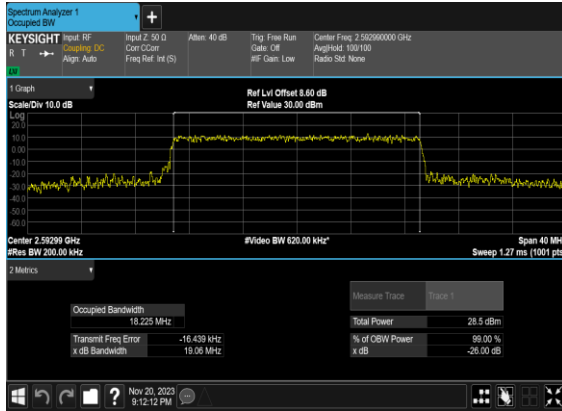
B4\_N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



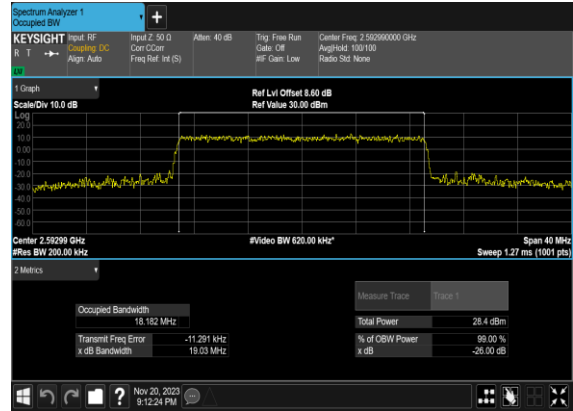
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.225	19.06
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.182	19.03
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.221	19.02
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.255	19.3
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.804	28.99
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.758	29.13
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.817	28.88
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.752	28.81
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.768	39.36
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.854	39.41
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.755	39.18
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.925	39.15
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.501	49.23
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.486	49.02
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.385	49.01
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.478	49.36
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.873	59.69
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.839	60.07
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.76	59.55
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.769	59.98
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.521	69.58
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.414	69.77
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.446	69.5
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.505	70.18
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.491	79.85
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.198	80.21
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.445	79.85
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.234	80.16
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.448	90.13
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.598	90.09
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.373	90.24
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.294	90.19
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.1	100.4
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.272	100.3
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.141	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.116	100.7

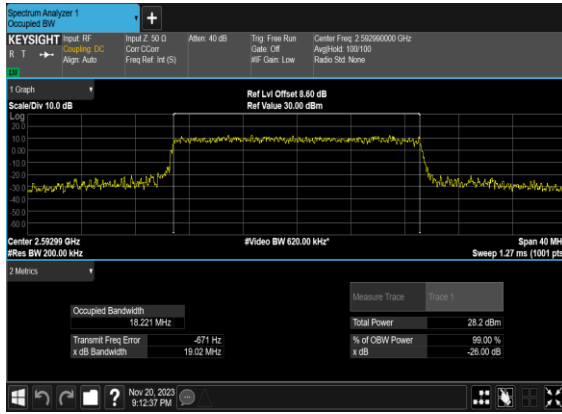
### B4\_N41(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



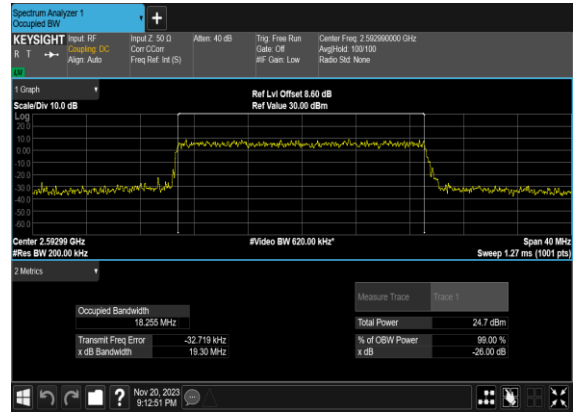
### B4\_N41(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



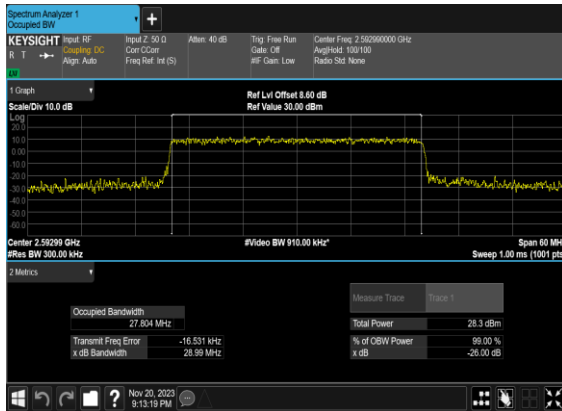
### B4\_N41(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



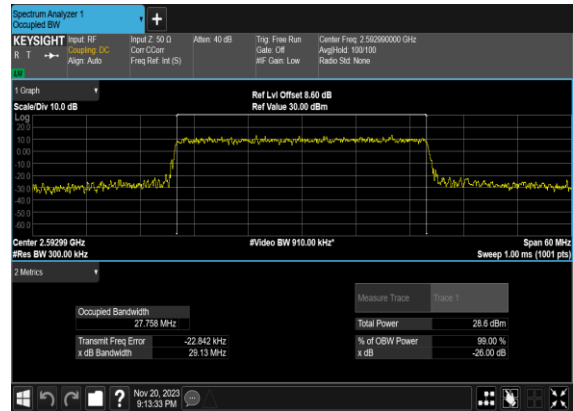
### B4\_N41(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



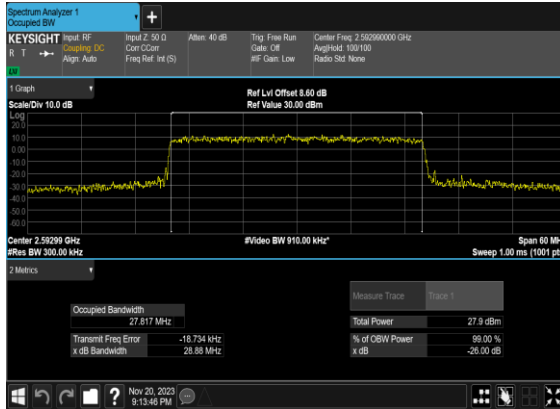
### B4\_N41(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



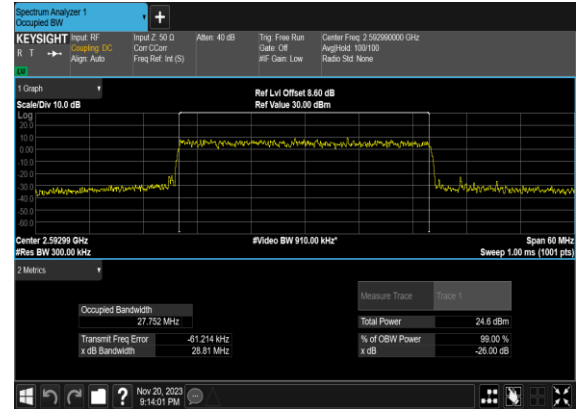
### B4\_N41(30M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



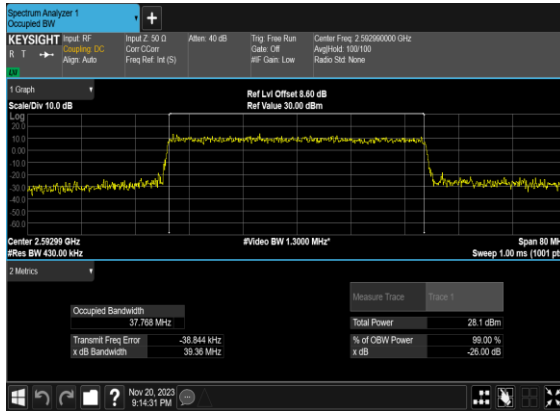
B4\_N41(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



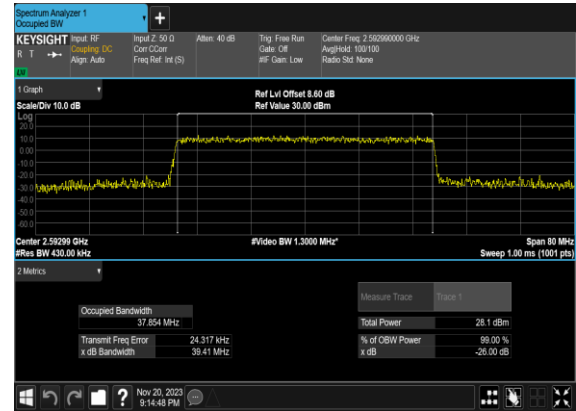
B4\_N41(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



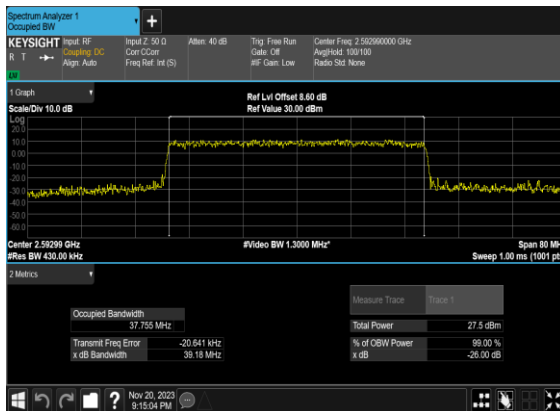
B4\_N41(40M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



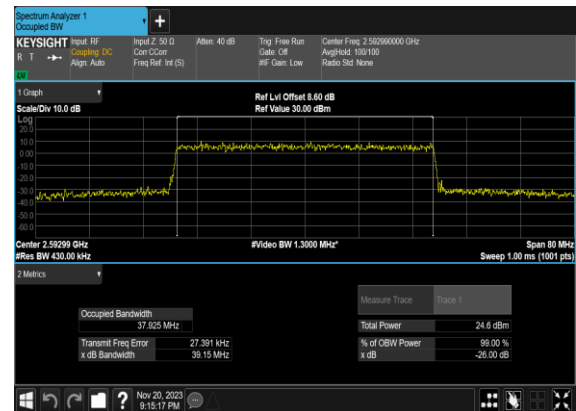
B4\_N41(40M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(40M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



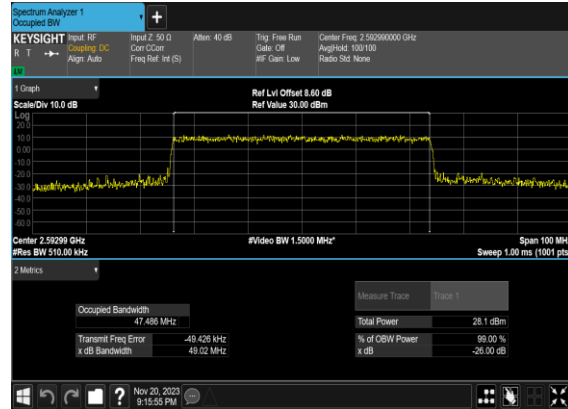
B4\_N41(40M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



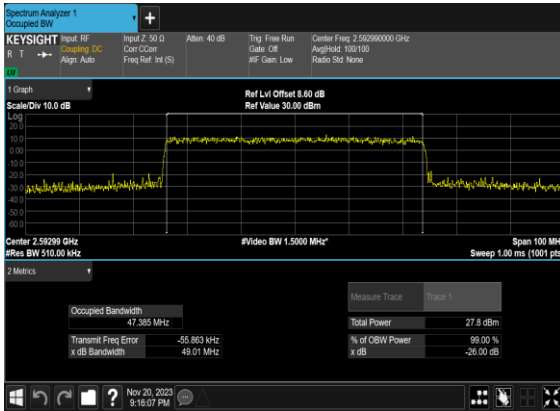
### B4\_N41(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



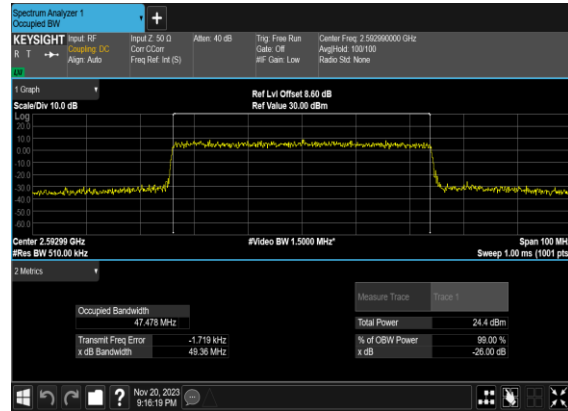
### B4\_N41(50M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



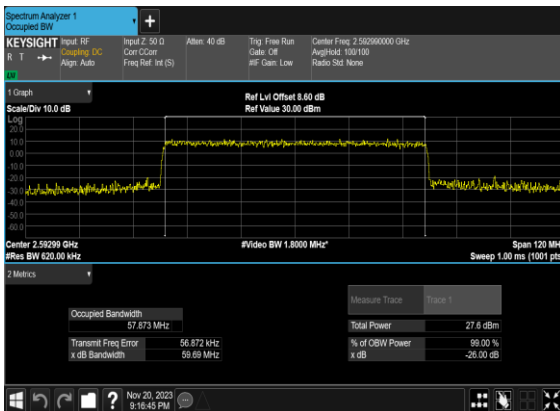
### B4\_N41(50M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### B4\_N41(50M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



### B4\_N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### B4\_N41(60M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH

