

N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



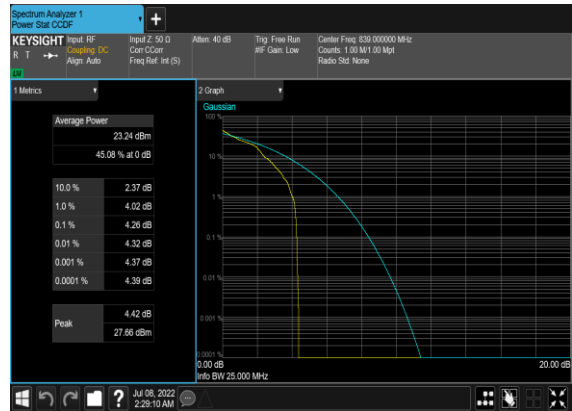
N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



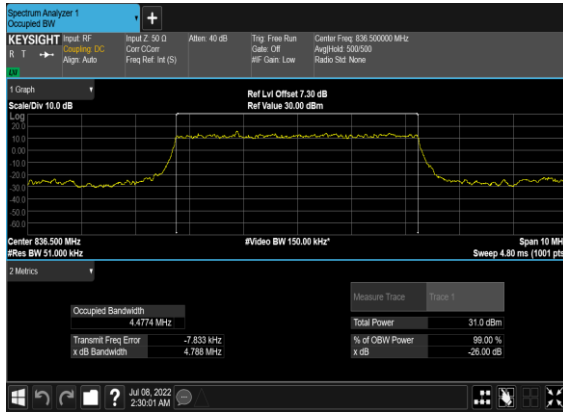
N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



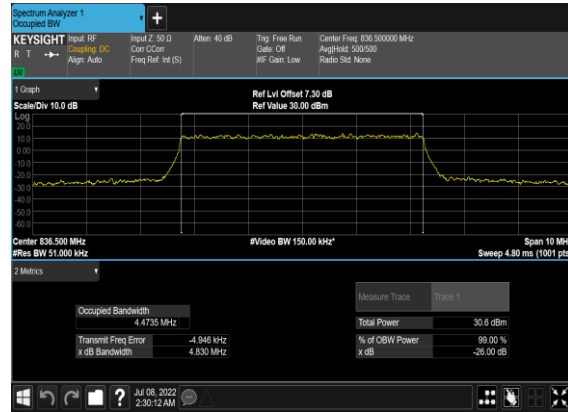
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4774	4.788
5	15	5	176300	836.5	DFT-s-OFDM QPSK	25@0	4.4735	4.83
5	15	5	176300	836.5	CP-OFDM QPSK	25@0	4.4639	4.833
5	15	5	176300	836.5	CP-OFDM 16 QAM	25@0	4.4631	4.806
5	15	5	176300	836.5	CP-OFDM 64 QAM	25@0	4.4634	4.775
5	15	5	176300	836.5	CP-OFDM 256 QAM	25@0	4.4703	4.866
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@0	8.919	9.581
5	15	10	176300	836.5	DFT-s-OFDM QPSK	50@0	8.9153	9.559
5	15	10	176300	836.5	CP-OFDM QPSK	52@0	9.278	9.832
5	15	10	176300	836.5	CP-OFDM 16 QAM	52@0	9.3013	9.838
5	15	10	176300	836.5	CP-OFDM 64 QAM	52@0	9.2913	9.87
5	15	10	176300	836.5	CP-OFDM 256 QAM	52@0	9.2944	9.955
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	75@0	13.39	14.2
5	15	15	176300	836.5	DFT-s-OFDM QPSK	75@0	13.407	14.19
5	15	15	176300	836.5	CP-OFDM QPSK	79@0	14.107	14.78
5	15	15	176300	836.5	CP-OFDM 16 QAM	79@0	14.118	14.84
5	15	15	176300	836.5	CP-OFDM 64 QAM	79@0	14.091	14.77
5	15	15	176300	836.5	CP-OFDM 256 QAM	79@0	14.112	14.73
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	17.876	18.89
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	17.865	18.96
5	15	20	176300	836.5	CP-OFDM QPSK	106@0	18.924	19.97
5	15	20	176300	836.5	CP-OFDM 16 QAM	106@0	18.919	19.75
5	15	20	176300	836.5	CP-OFDM 64 QAM	106@0	18.901	19.89
5	15	20	176300	836.5	CP-OFDM 256 QAM	106@0	18.897	19.73

### N5(5M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



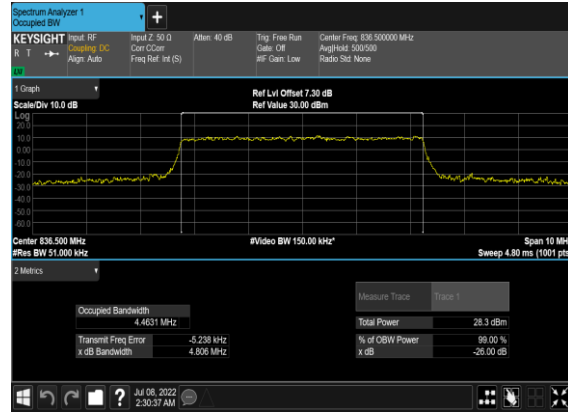
### N5(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



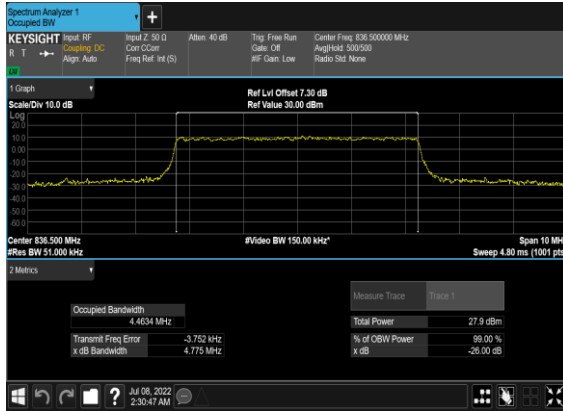
### N5(5M)\_CP-OFDM\_- QPSK\_Outer\_Full\_Mid\_CH



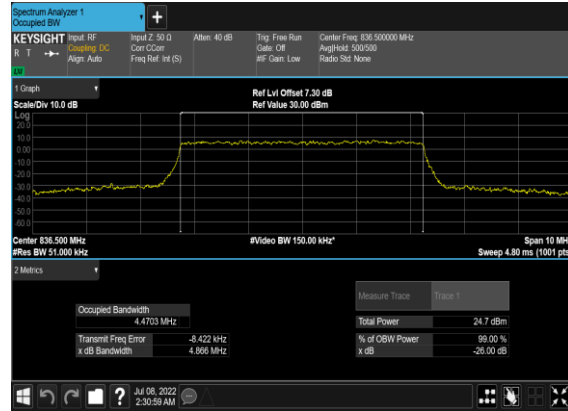
### N5(5M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N5(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N5(5M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



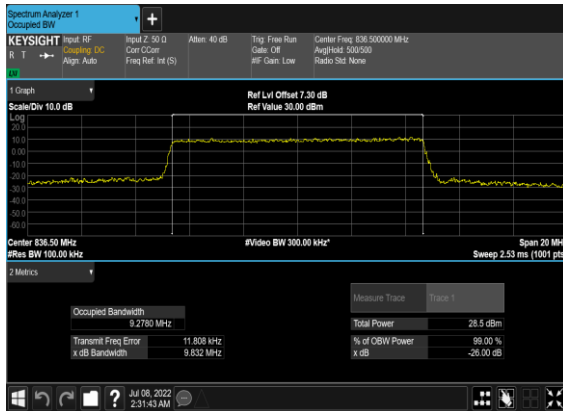
### N5(10M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



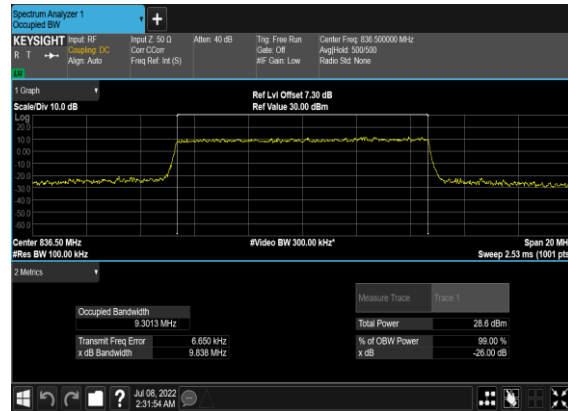
### N5(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



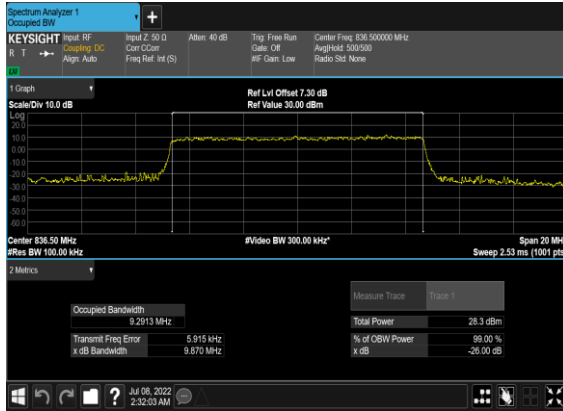
### N5(10M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



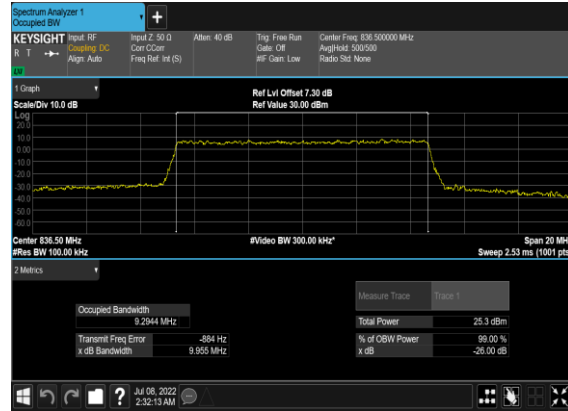
### N5(10M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N5(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



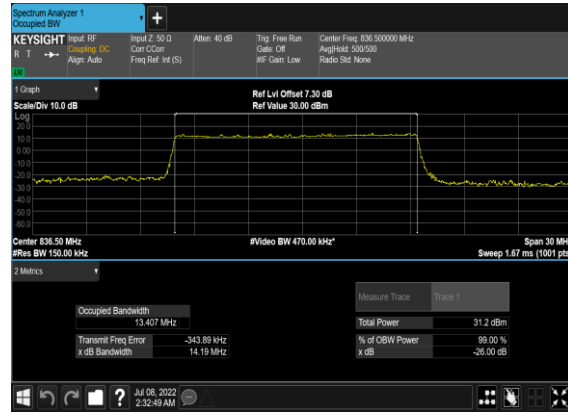
### N5(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



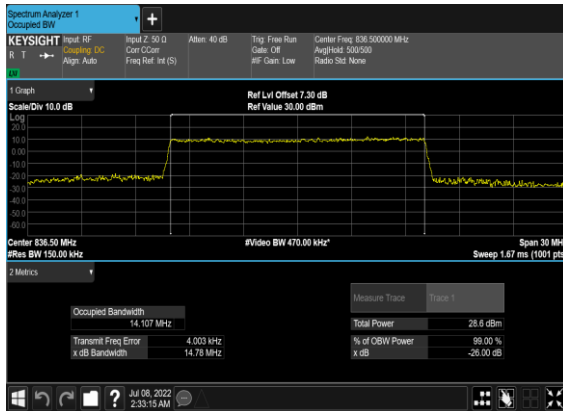
### N5(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



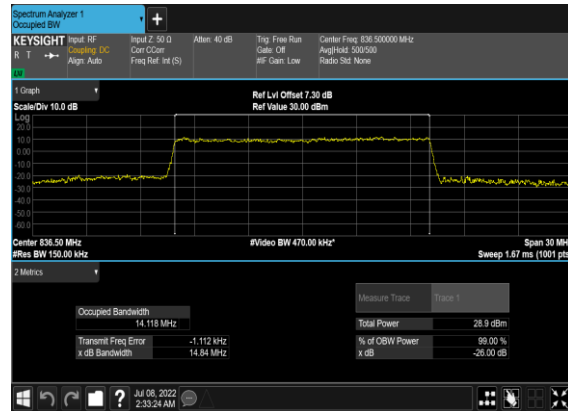
### N5(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



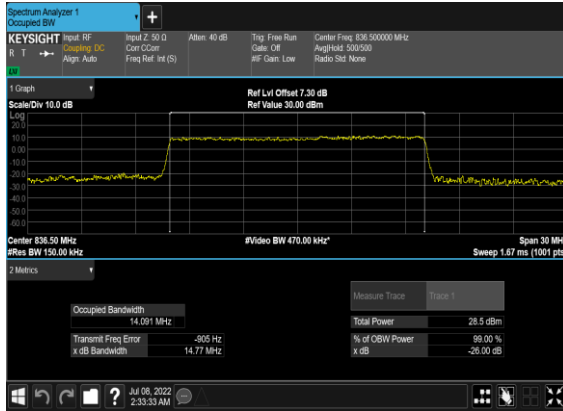
### N5(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



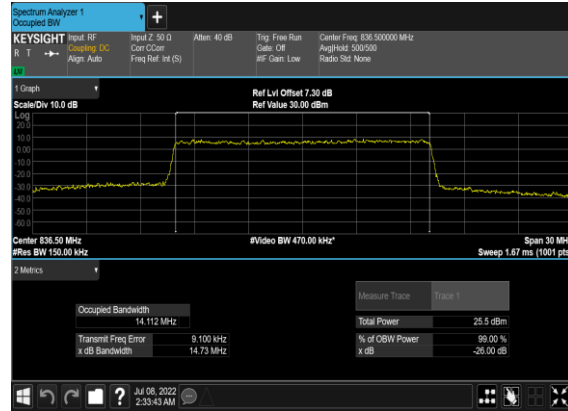
### N5(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N5(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



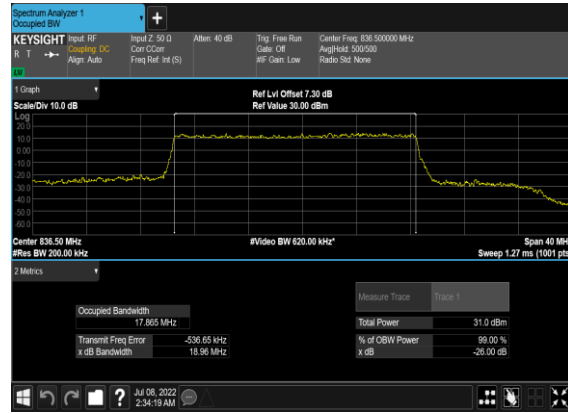
### N5(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



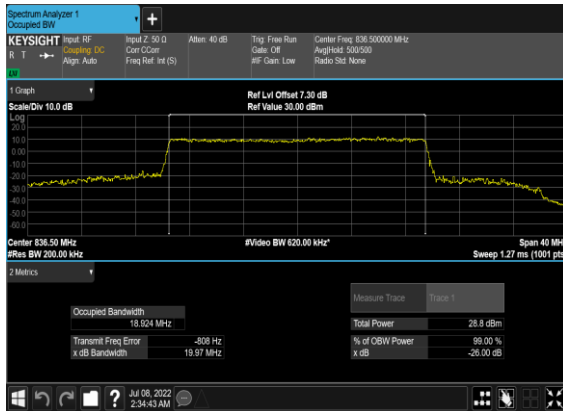
### N5(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



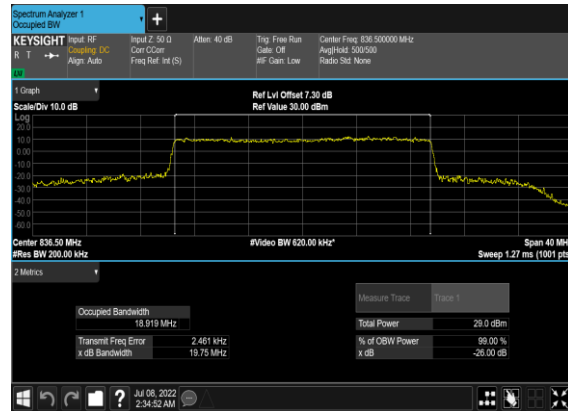
### N5(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



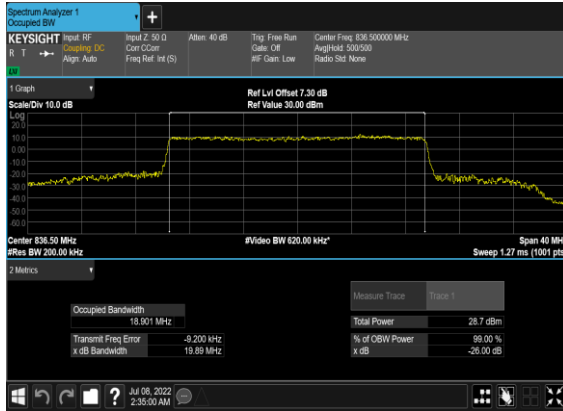
### N5(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



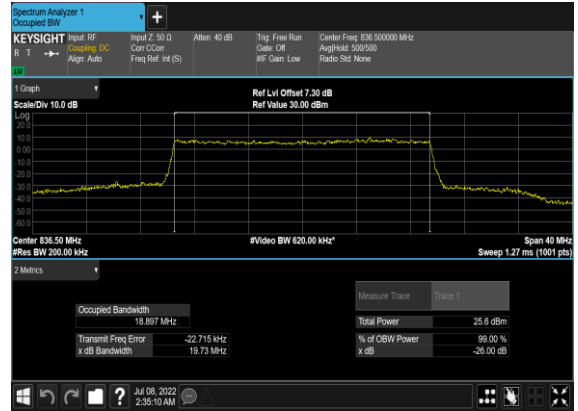
### N5(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



## N5(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



## N5(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	5	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	10	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	10	177800	844.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	177800	844.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

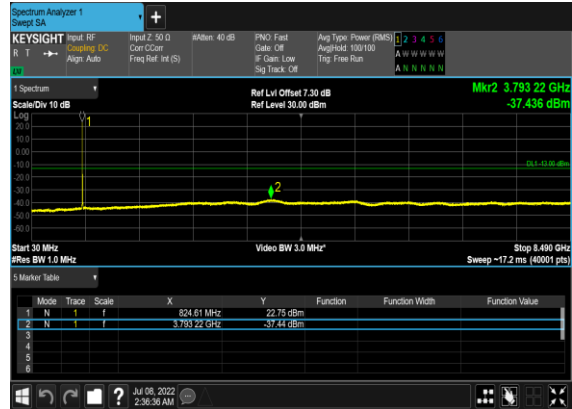


NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	20	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



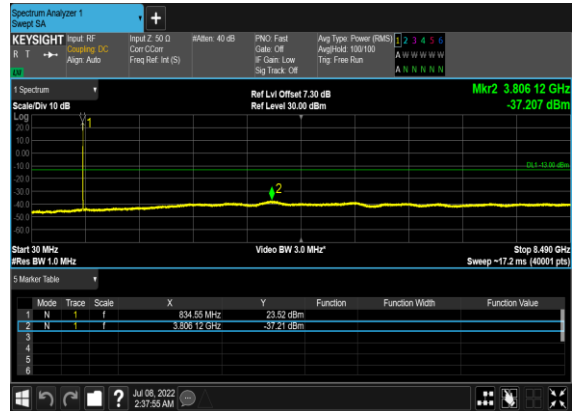
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



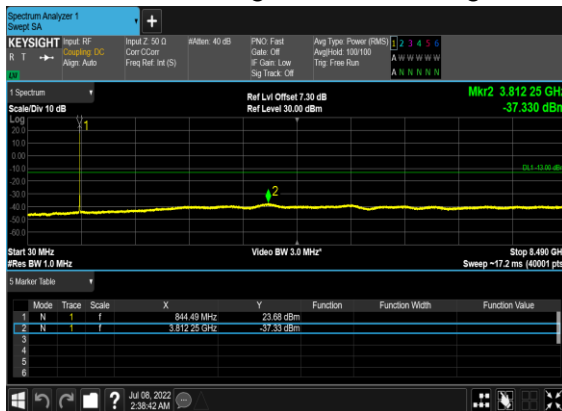
### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



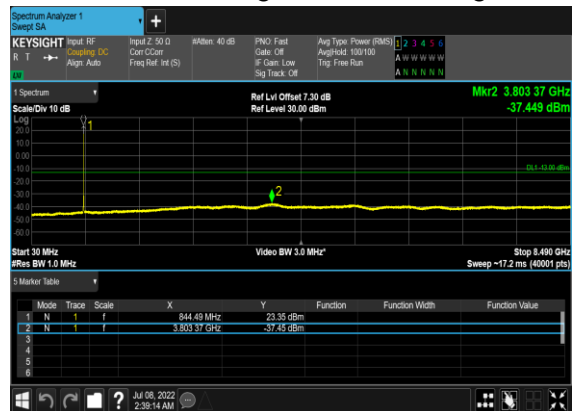
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



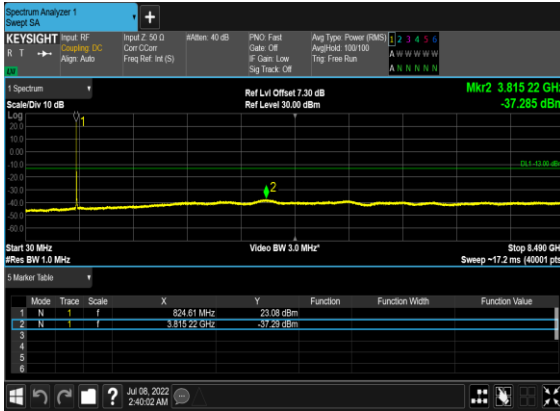
### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



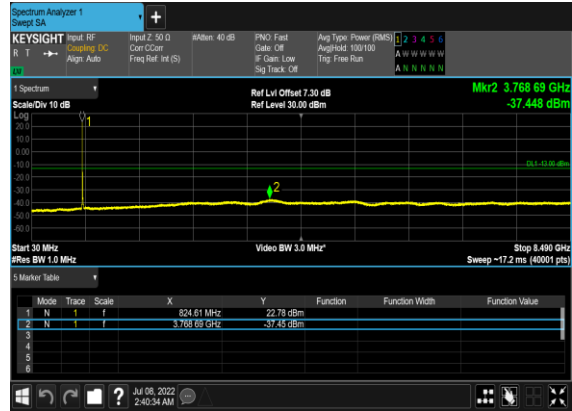
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



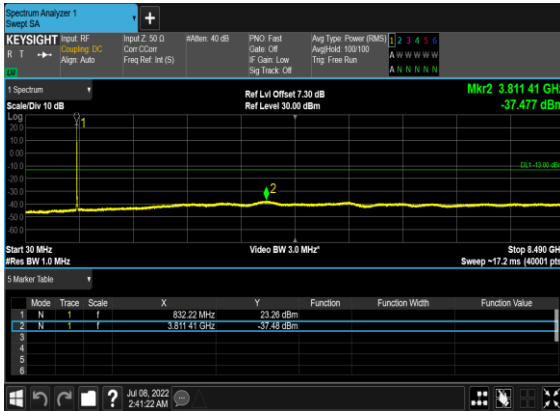
N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



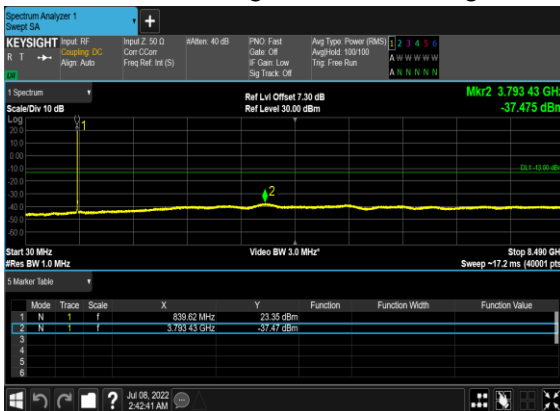
N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



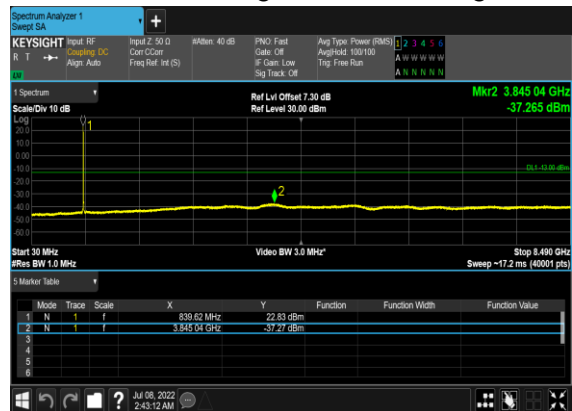
N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



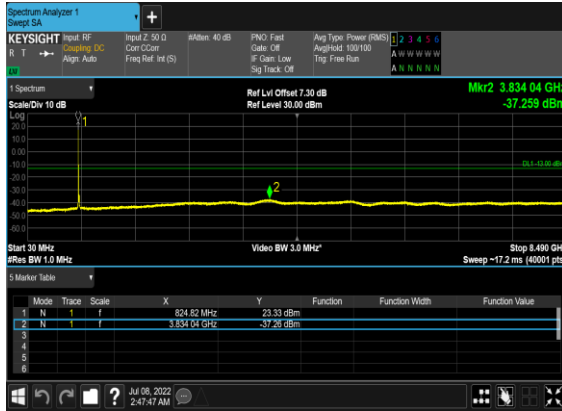
N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



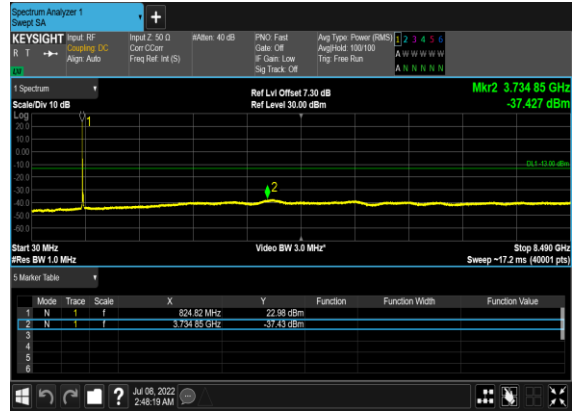
N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



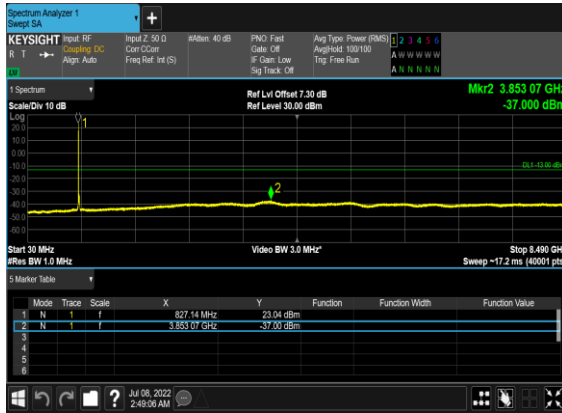
N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



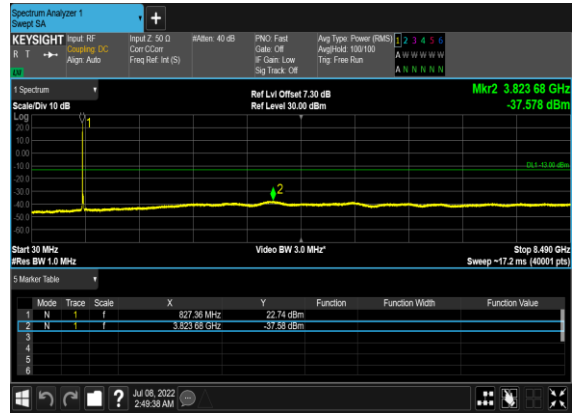
N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



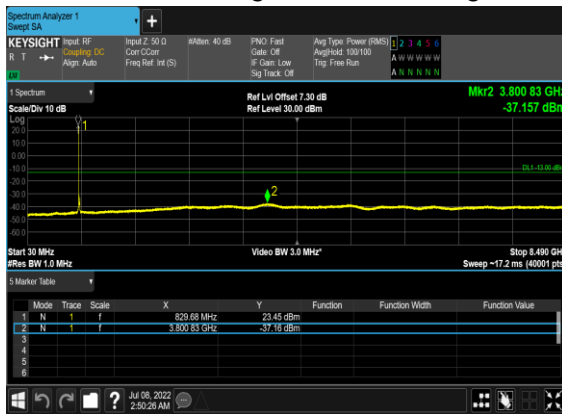
N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



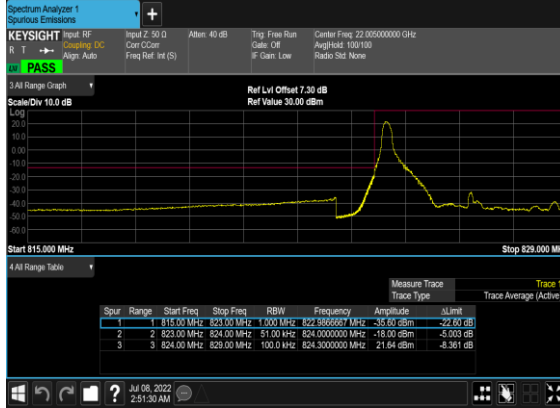
N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



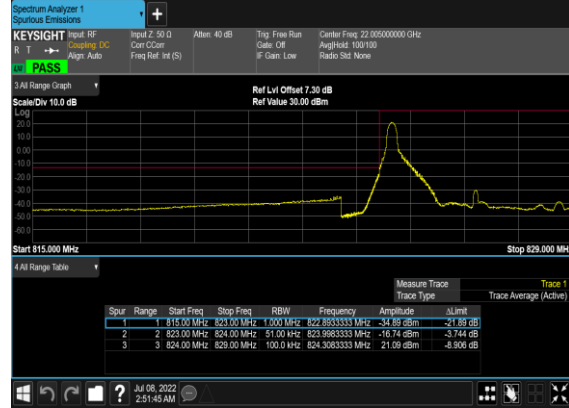
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

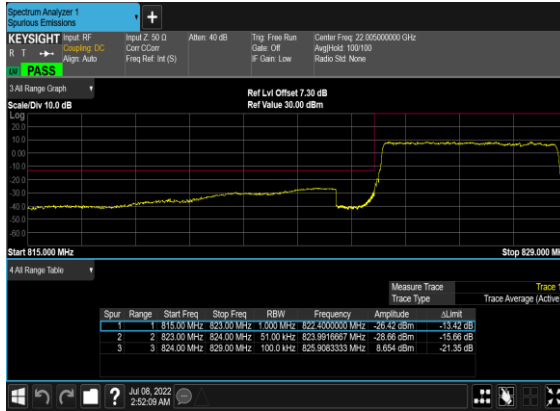
N5(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



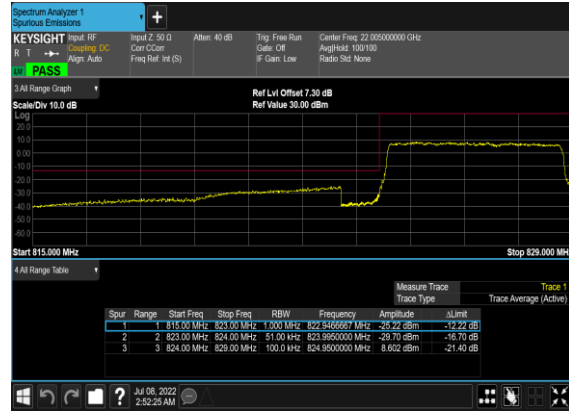
N5(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



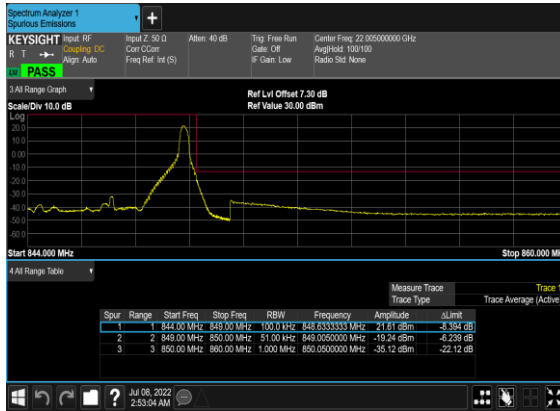
N5(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



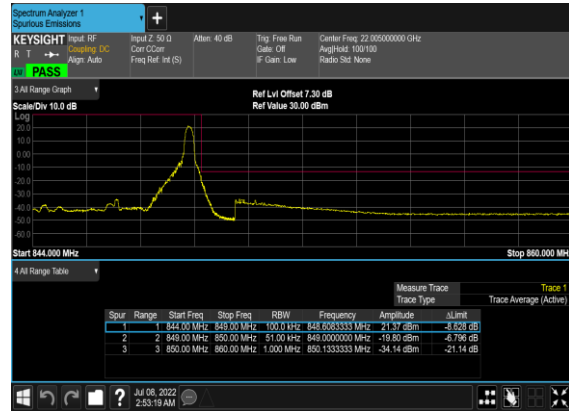
N5(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N5(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



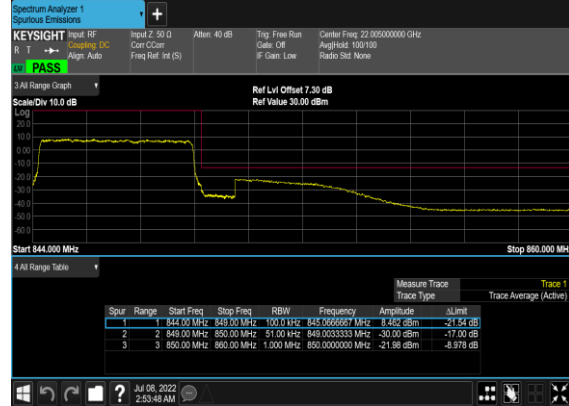
N5(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



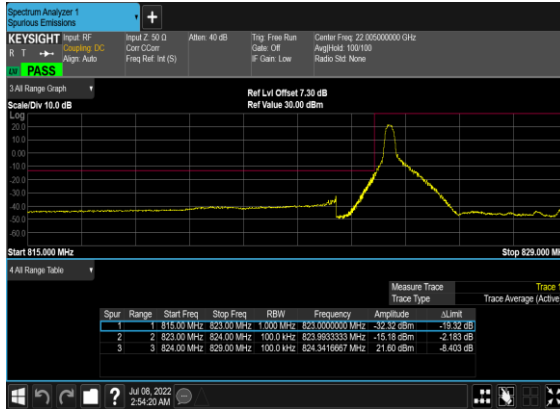
N5(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



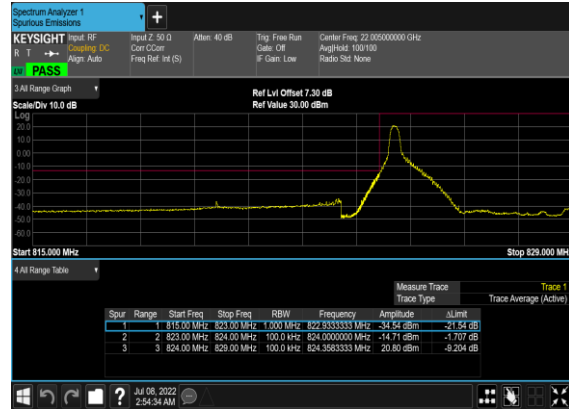
N5(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



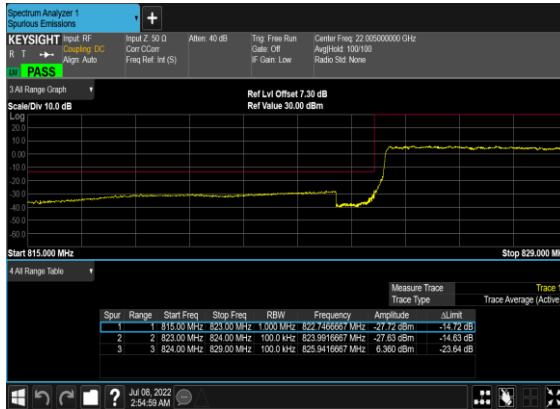
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



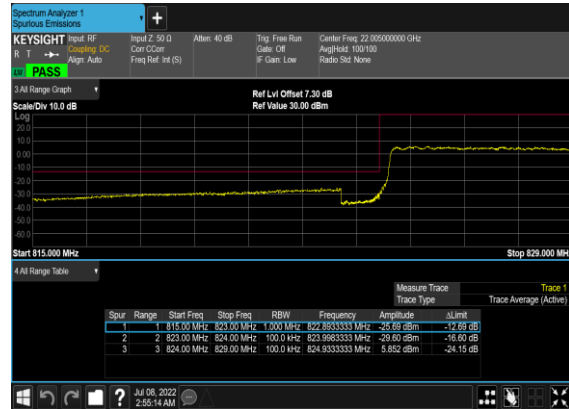
N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



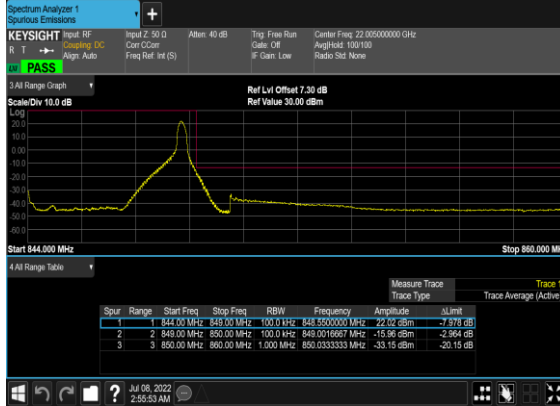
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



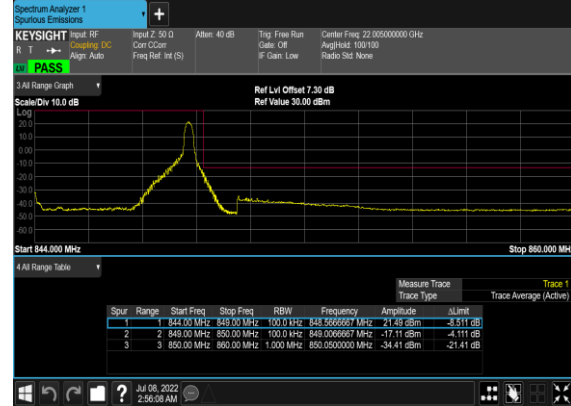
N5(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



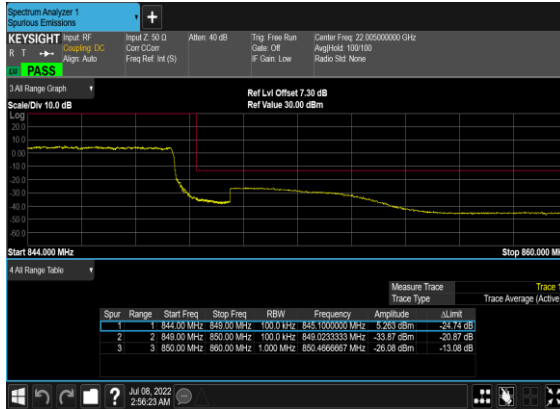
N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N5(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

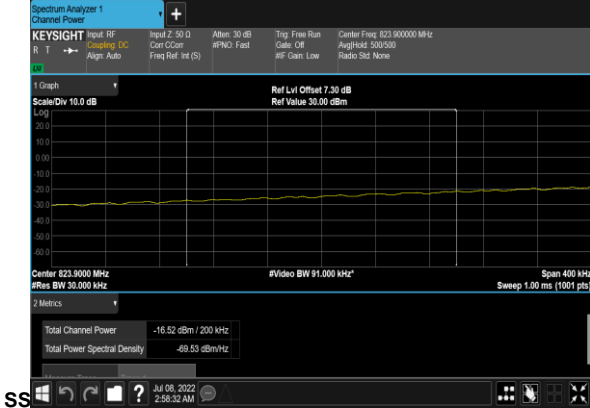


N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

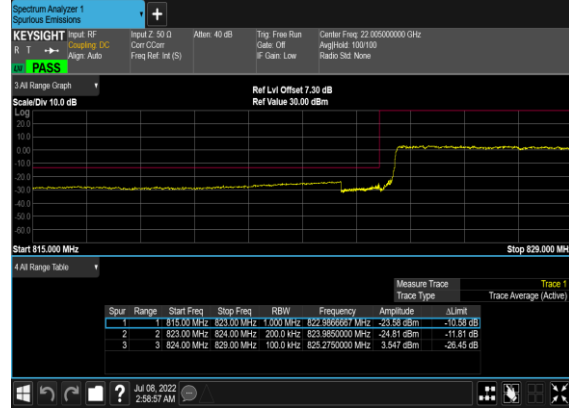




N5(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA



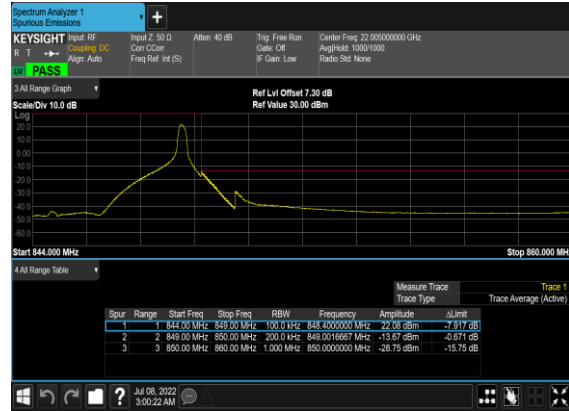
N5(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



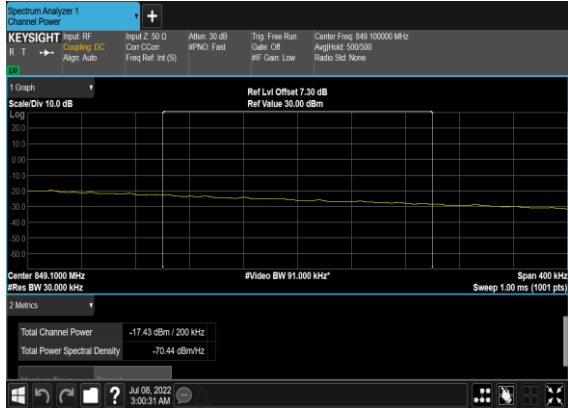
N5(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



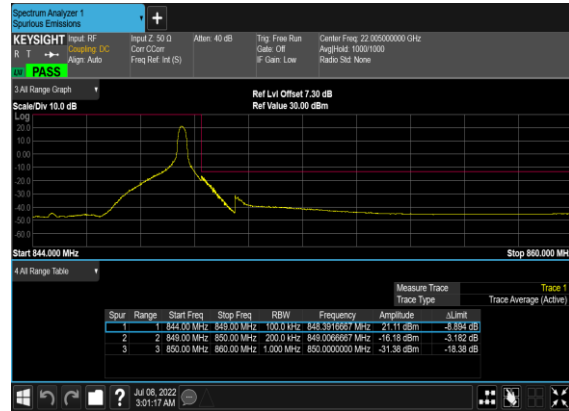
N5(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



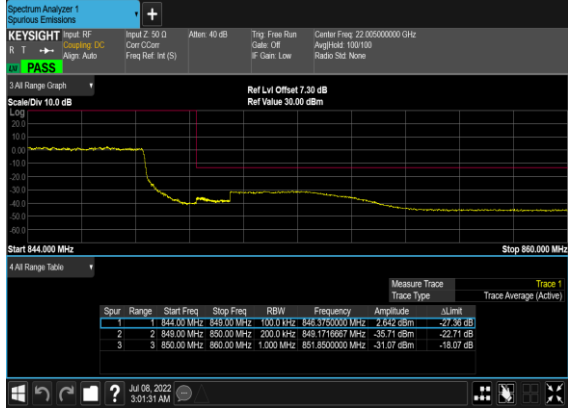
N5(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P  
ASS



N5(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



## N5(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



## N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N7

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

## Maximum EIRP (Ant.31), Antenna gain=2.03dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@1	22.82	24.85	0.3055
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@1	22.35	24.38	0.2742
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@1	22.75	24.78	0.3006
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.13	24.16	0.2606
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@1	22.86	24.89	0.3083
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@1	22.58	24.61	0.2891
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@1	22.7	24.73	0.2972
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@1	22.18	24.21	0.2636
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@1	22.65	24.68	0.2938
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.99	24.02	0.2523
7	15	10	537000	2565	DFT-s-OFDM QPSK	1@1	22.71	24.74	0.2979
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@1	22.29	24.32	0.2704
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@1	22.67	24.7	0.2951
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@1	22.07	24.1	0.2570
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@1	22.59	24.62	0.2897
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.95	23.98	0.2500
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@1	22.59	24.62	0.2897
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@1	21.97	24	0.2512
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@1	22.68	24.71	0.2958
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@1	22.15	24.18	0.2618
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@1	22.65	24.68	0.2938
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.96	23.99	0.2506
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@1	22.66	24.69	0.2944
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@1	21.98	24.01	0.2518
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@1	22.72	24.75	0.2985
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@1	22.15	24.18	0.2618
7	15	25	531000	2535	DFT-s-OFDM QPSK	1@1	22.73	24.76	0.2992

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.89	23.92	0.2466
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@1	22.75	24.78	0.3006
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@1	21.92	23.95	0.2483
7	15	30	527000	2515	DFT-s-OFDM QPSK	1@1	22.62	24.65	0.2917
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	1@1	21.93	23.96	0.2489
7	15	30	531000	2535	DFT-s-OFDM QPSK	1@1	22.39	24.42	0.2767
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.69	23.72	0.2355
7	15	30	535000	2555	DFT-s-OFDM QPSK	1@1	22.39	24.42	0.2767
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	1@1	21.7	23.73	0.2360
7	15	40	528000	2520	DFT-s-OFDM QPSK	1@1	22.51	24.54	0.2844
7	15	40	528000	2520	DFT-s-OFDM 16 QAM	1@1	21.7	23.73	0.2360
7	15	40	531000	2535	DFT-s-OFDM QPSK	1@1	22.25	24.28	0.2679
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.56	23.59	0.2286
7	15	40	534000	2550	DFT-s-OFDM QPSK	1@1	22.23	24.26	0.2667
7	15	40	534000	2550	DFT-s-OFDM 16 QAM	1@1	21.47	23.5	0.2239
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	135@67	22.7	24.73	0.2972
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	1@1	22.57	24.6	0.2884
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	1@268	22.59	24.62	0.2897
7	15	50	529000	2525	DFT-s-OFDM QPSK	135@67	22.79	24.82	0.3034
7	15	50	529000	2525	DFT-s-OFDM QPSK	1@1	22.84	24.87	0.3069
7	15	50	529000	2525	DFT-s-OFDM QPSK	1@268	22.73	24.76	0.2992
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	135@67	21.8	23.83	0.2415
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	1@1	22.24	24.27	0.2673
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	1@268	22.11	24.14	0.2594
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	135@67	20.4	22.43	0.1750
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	1@1	20.51	22.54	0.1795
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	1@268	20.48	22.51	0.1782
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	135@67	18.44	20.47	0.1114
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	1@1	18.35	20.38	0.1091
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	1@268	18.39	20.42	0.1102
7	15	50	529000	2525	CP-OFDM QPSK	135@67	21.26	23.29	0.2133
7	15	50	529000	2525	CP-OFDM QPSK	1@1	21.81	23.84	0.2421
7	15	50	529000	2525	CP-OFDM QPSK	1@268	21.01	23.04	0.2014

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	135@67	22.61	24.64	0.2911
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.49	24.52	0.2831
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	1@268	22.65	24.68	0.2938
7	15	50	531000	2535	DFT-s-OFDM QPSK	135@67	22.71	24.74	0.2979
7	15	50	531000	2535	DFT-s-OFDM QPSK	1@1	22.79	24.82	0.3034
7	15	50	531000	2535	DFT-s-OFDM QPSK	1@268	22.76	24.79	0.3013
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	135@67	21.74	23.77	0.2382
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.07	24.1	0.2570
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	1@268	22.29	24.32	0.2704
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	135@67	20.38	22.41	0.1742
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	1@1	20.46	22.49	0.1774
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	1@268	20.62	22.65	0.1841
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	135@67	18.38	20.41	0.1099
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.3	20.33	0.1079
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	1@268	18.41	20.44	0.1107
7	15	50	531000	2535	CP-OFDM QPSK	135@67	21.22	23.25	0.2113
7	15	50	531000	2535	CP-OFDM QPSK	1@1	21.05	23.08	0.2032
7	15	50	531000	2535	CP-OFDM QPSK	1@268	21.03	23.06	0.2023
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	135@67	22.65	24.68	0.2938
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	1@1	22.43	24.46	0.2793
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	1@268	22.8	24.83	0.3041
7	15	50	533000	2545	DFT-s-OFDM QPSK	135@67	22.72	24.75	0.2985
7	15	50	533000	2545	DFT-s-OFDM QPSK	1@1	22.75	24.78	0.3006
7	15	50	533000	2545	DFT-s-OFDM QPSK	1@268	22.9	24.93	0.3112
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	135@67	21.8	23.83	0.2415
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	1@1	21.99	24.02	0.2523
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	1@268	22.65	24.68	0.2938
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	135@67	20.45	22.48	0.1770
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	1@1	20.37	22.4	0.1738
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	1@268	20.72	22.75	0.1884
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	135@67	18.39	20.42	0.1102
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	1@1	18.24	20.27	0.1064
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	1@268	18.56	20.59	0.1146

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	50	533000	2545	CP-OFDM QPSK	135@67	21.24	23.27	0.2123
7	15	50	533000	2545	CP-OFDM QPSK	1@1	20.99	23.02	0.2004
7	15	50	533000	2545	CP-OFDM QPSK	1@268	21.08	23.11	0.2046

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0063	<b>PASS</b>	NV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0046	<b>PASS</b>	LV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0037	<b>PASS</b>	HV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0023	<b>PASS</b>	-30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0031	<b>PASS</b>	-20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0035	<b>PASS</b>	-10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0048	<b>PASS</b>	0°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0028	<b>PASS</b>	10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0063	<b>PASS</b>	20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0066	<b>PASS</b>	30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0023	<b>PASS</b>	40°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0043	<b>PASS</b>	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	100@0	4.05	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	1@0	3.31	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	100@0	4.92	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	4.36	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	4.18	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.22	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	5.15	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	4.36	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	100@0	4.06	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	1@0	3.17	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	100@0	5.06	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	4.26	13	PASS



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

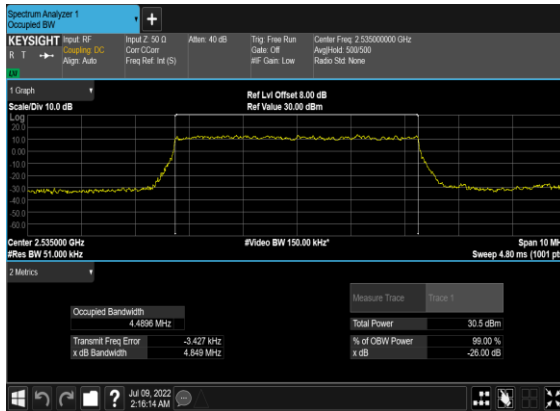


## Occupied Bandwidth

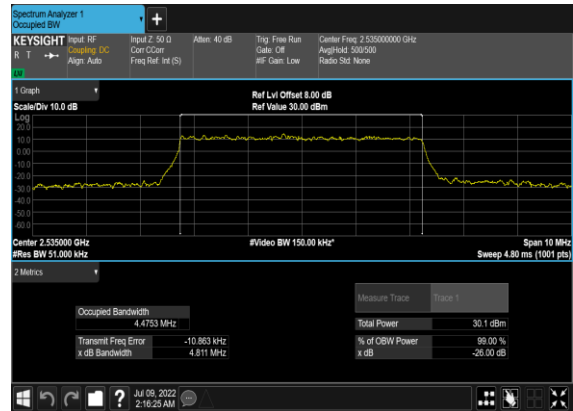
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4896	4.849
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	25@0	4.4753	4.811
7	15	5	531000	2535.0	CP-OFDM QPSK	25@0	4.4623	4.827
7	15	5	531000	2535.0	CP-OFDM 16 QAM	25@0	4.4683	4.845
7	15	5	531000	2535.0	CP-OFDM 64 QAM	25@0	4.4599	4.842
7	15	5	531000	2535.0	CP-OFDM 256 QAM	25@0	4.4863	4.897
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9004	9.472
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	50@0	8.8875	9.486
7	15	10	531000	2535.0	CP-OFDM QPSK	52@0	9.2956	9.903
7	15	10	531000	2535.0	CP-OFDM 16 QAM	52@0	9.2987	9.846
7	15	10	531000	2535.0	CP-OFDM 64 QAM	52@0	9.2805	9.775
7	15	10	531000	2535.0	CP-OFDM 256 QAM	52@0	9.2801	9.858
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	75@0	13.38	14.16
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	75@0	13.381	14.14
7	15	15	531000	2535.0	CP-OFDM QPSK	79@0	14.115	14.73
7	15	15	531000	2535.0	CP-OFDM 16 QAM	79@0	14.115	14.81
7	15	15	531000	2535.0	CP-OFDM 64 QAM	79@0	14.096	14.79
7	15	15	531000	2535.0	CP-OFDM 256 QAM	79@0	14.123	14.82
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	17.856	18.87
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	17.862	18.94
7	15	20	531000	2535.0	CP-OFDM QPSK	106@0	18.885	19.85
7	15	20	531000	2535.0	CP-OFDM 16 QAM	106@0	18.879	19.87
7	15	20	531000	2535.0	CP-OFDM 64 QAM	106@0	18.935	20.0
7	15	20	531000	2535.0	CP-OFDM 256 QAM	106@0	18.916	19.94
7	15	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	128@0	22.871	24.16
7	15	25	531000	2535.0	DFT-s-OFDM QPSK	128@0	22.897	24.14
7	15	25	531000	2535.0	CP-OFDM QPSK	133@0	23.739	24.81
7	15	25	531000	2535.0	CP-OFDM 16 QAM	133@0	23.702	24.89
7	15	25	531000	2535.0	CP-OFDM 64 QAM	133@0	23.738	24.87
7	15	25	531000	2535.0	CP-OFDM 256 QAM	133@0	23.72	24.9
7	15	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	160@0	28.512	29.7
7	15	30	531000	2535.0	DFT-s-OFDM QPSK	160@0	28.579	29.6

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
7	15	30	531000	2535.0	CP-OFDM QPSK	160@0	28.522	29.71
7	15	30	531000	2535.0	CP-OFDM 16 QAM	160@0	28.548	29.71
7	15	30	531000	2535.0	CP-OFDM 64 QAM	160@0	28.474	29.76
7	15	30	531000	2535.0	CP-OFDM 256 QAM	160@0	28.555	29.67
7	15	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	216@0	38.564	40.0
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	216@0	38.498	39.98
7	15	40	531000	2535.0	CP-OFDM QPSK	216@0	38.526	40.22
7	15	40	531000	2535.0	CP-OFDM 16 QAM	216@0	38.504	39.94
7	15	40	531000	2535.0	CP-OFDM 64 QAM	216@0	38.556	40.02
7	15	40	531000	2535.0	CP-OFDM 256 QAM	216@0	38.536	40.21
7	15	50	531000	2535.0	DFT-s-OFDM PI/2 BPSK	270@0	48.118	50.07
7	15	50	531000	2535.0	DFT-s-OFDM QPSK	270@0	48.14	49.96
7	15	50	531000	2535.0	CP-OFDM QPSK	270@0	48.186	49.91
7	15	50	531000	2535.0	CP-OFDM 16 QAM	270@0	48.205	49.99
7	15	50	531000	2535.0	CP-OFDM 64 QAM	270@0	48.19	49.91
7	15	50	531000	2535.0	CP-OFDM 256 QAM	270@0	48.077	49.85

B2\_N7(5M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



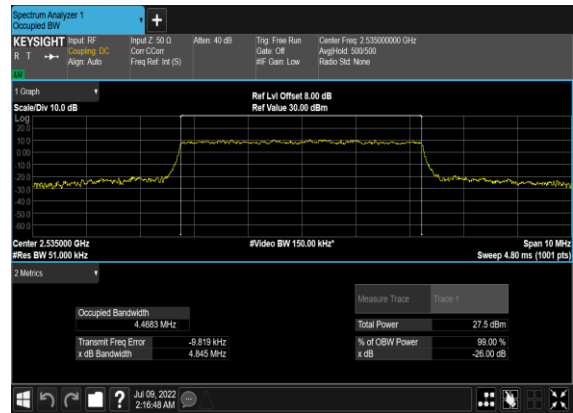
B2\_N7(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



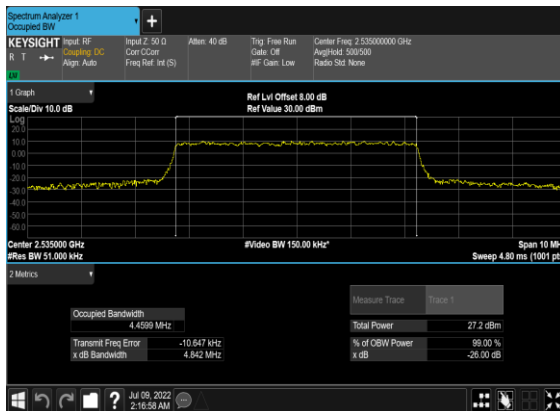
B2\_N7(5M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



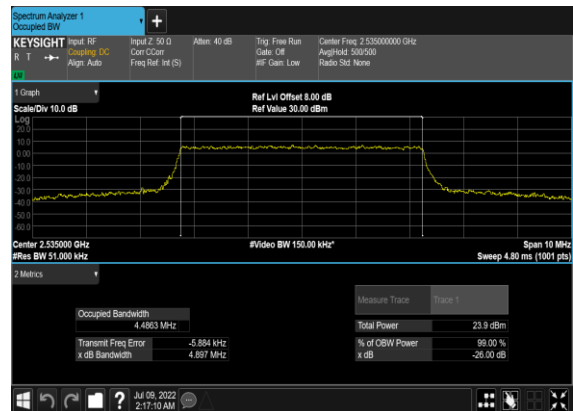
B2\_N7(5M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



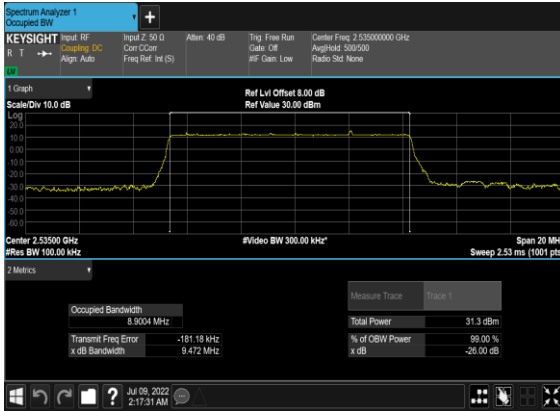
B2\_N7(5M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



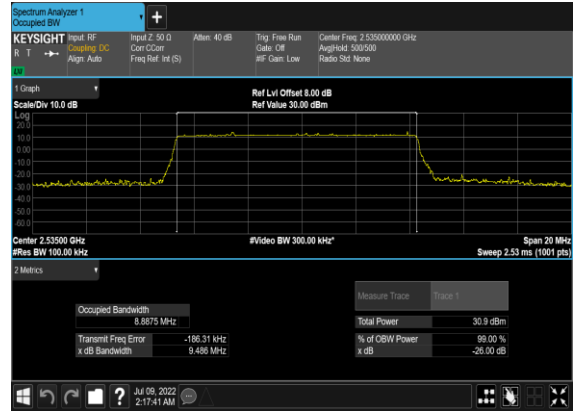
B2\_N7(5M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



### B2\_N7(10M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B2\_N7(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



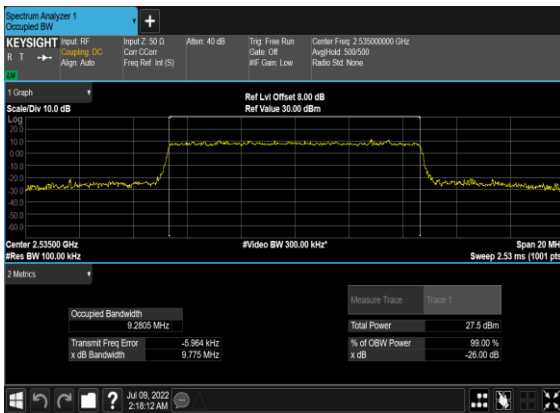
### B2\_N7(10M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



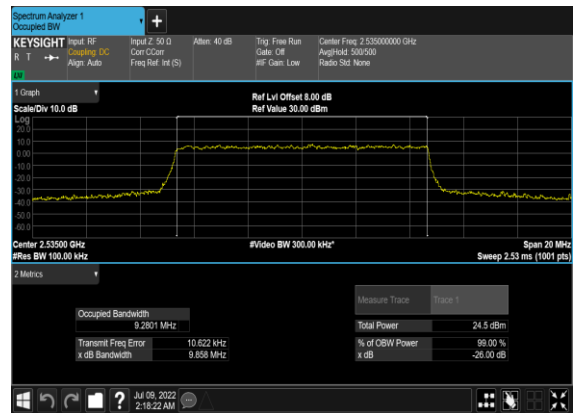
### B2\_N7(10M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



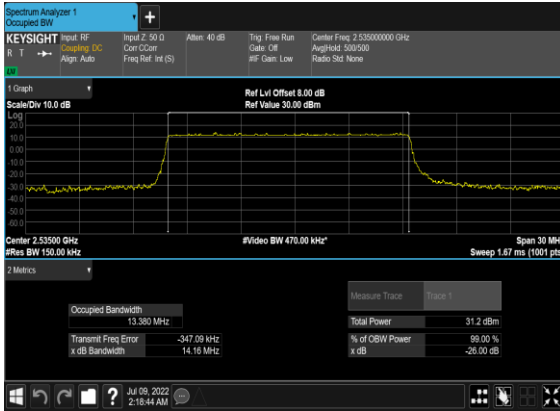
### B2\_N7(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



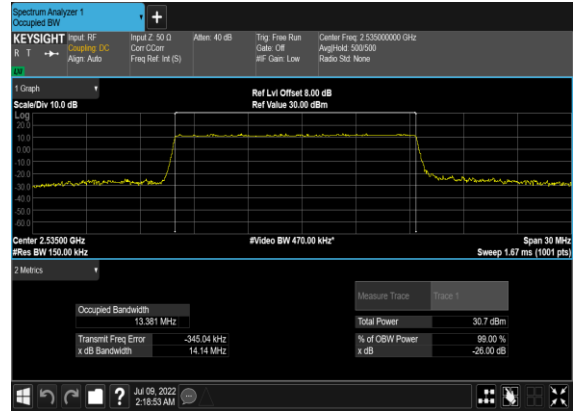
### B2\_N7(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



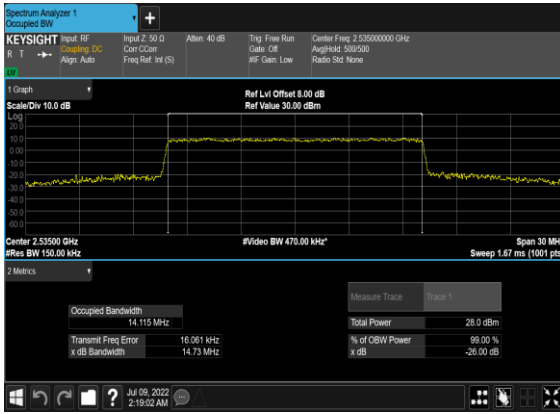
### B2\_N7(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



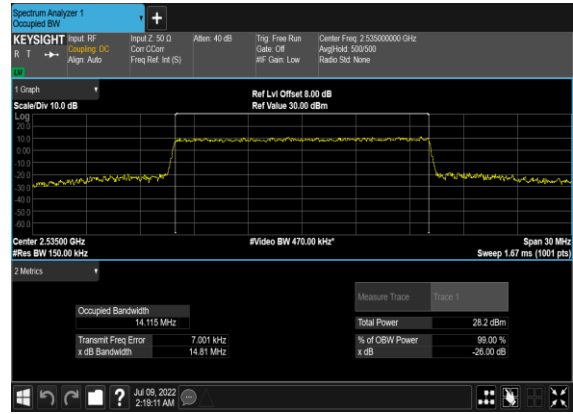
### B2\_N7(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



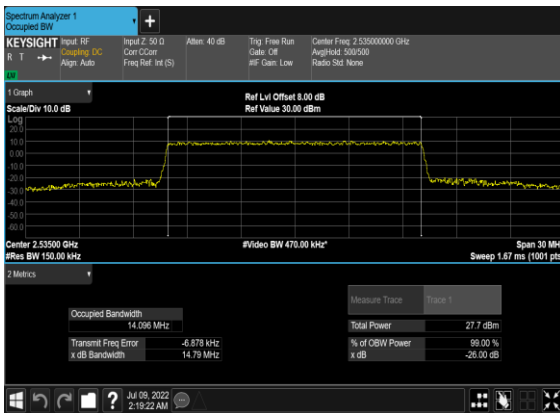
### B2\_N7(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### B2\_N7(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### B2\_N7(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### B2\_N7(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

