

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



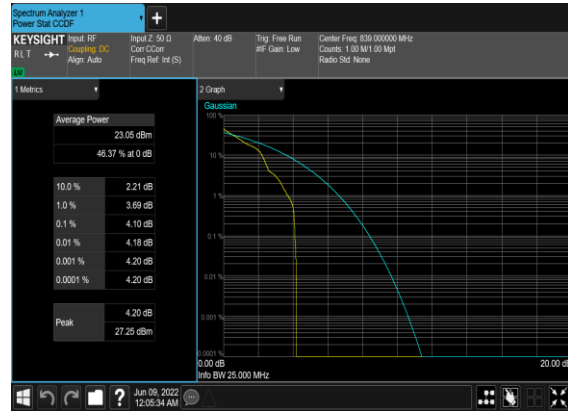
N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



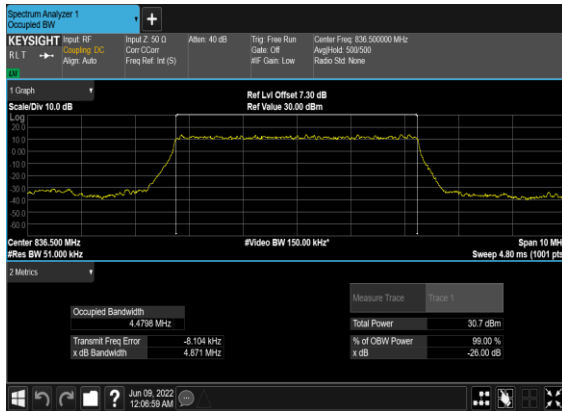
N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



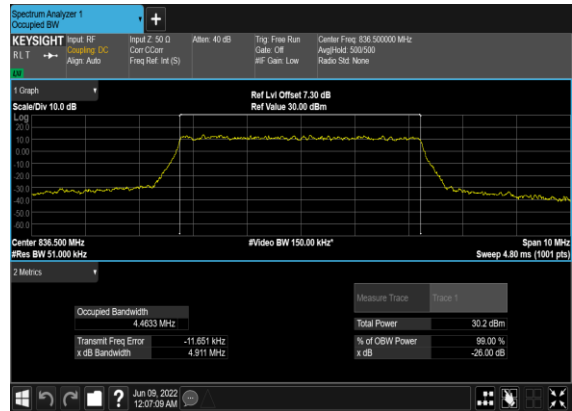
## Occupied Bandwidth

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	4.4798	4.871
5	15	5	176300	836.5	DFT-s-OFDM QPSK	25@0	4.4633	4.911
5	15	5	176300	836.5	CP-OFDM QPSK	25@0	4.4637	4.898
5	15	5	176300	836.5	CP-OFDM 16 QAM	25@0	4.4914	4.946
5	15	5	176300	836.5	CP-OFDM 64 QAM	25@0	4.4572	4.876
5	15	5	176300	836.5	CP-OFDM 256 QAM	25@0	4.4797	4.903
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8917	9.444
5	15	10	176300	836.5	DFT-s-OFDM QPSK	50@0	8.9246	9.522
5	15	10	176300	836.5	CP-OFDM QPSK	52@0	9.2647	9.883
5	15	10	176300	836.5	CP-OFDM 16 QAM	52@0	9.2774	9.895
5	15	10	176300	836.5	CP-OFDM 64 QAM	52@0	9.2641	9.852
5	15	10	176300	836.5	CP-OFDM 256 QAM	52@0	9.2746	9.889
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	75@0	13.379	14.13
5	15	15	176300	836.5	DFT-s-OFDM QPSK	75@0	13.386	14.16
5	15	15	176300	836.5	CP-OFDM QPSK	79@0	14.06	14.84
5	15	15	176300	836.5	CP-OFDM 16 QAM	79@0	14.083	14.8
5	15	15	176300	836.5	CP-OFDM 64 QAM	79@0	14.092	14.74
5	15	15	176300	836.5	CP-OFDM 256 QAM	79@0	14.054	14.86
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	17.857	18.58
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	17.814	18.67
5	15	20	176300	836.5	CP-OFDM QPSK	106@0	18.846	19.74
5	15	20	176300	836.5	CP-OFDM 16 QAM	106@0	18.862	19.74
5	15	20	176300	836.5	CP-OFDM 64 QAM	106@0	18.837	19.69
5	15	20	176300	836.5	CP-OFDM 256 QAM	106@0	18.885	19.72

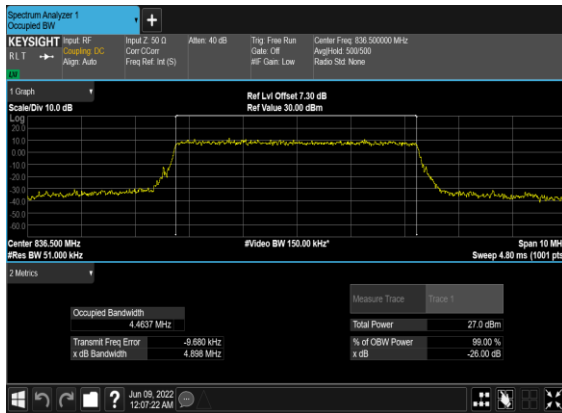
### N5(5M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



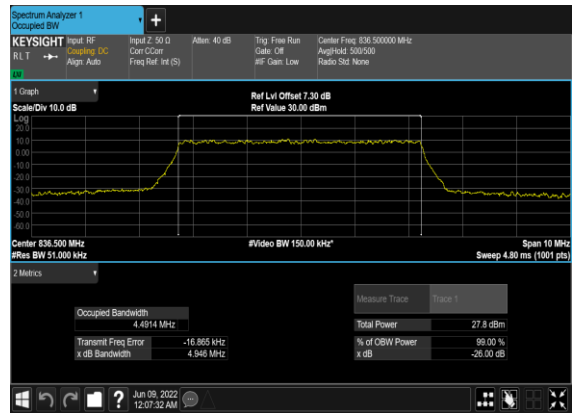
### N5(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



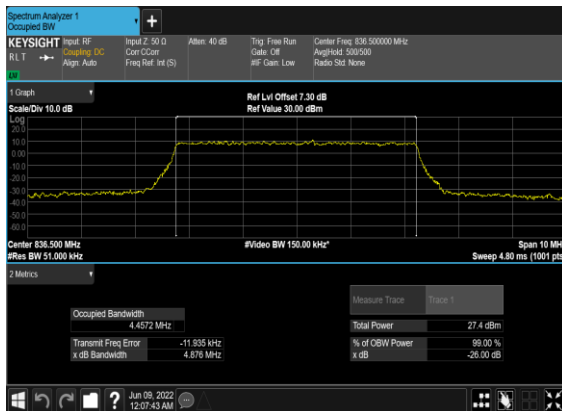
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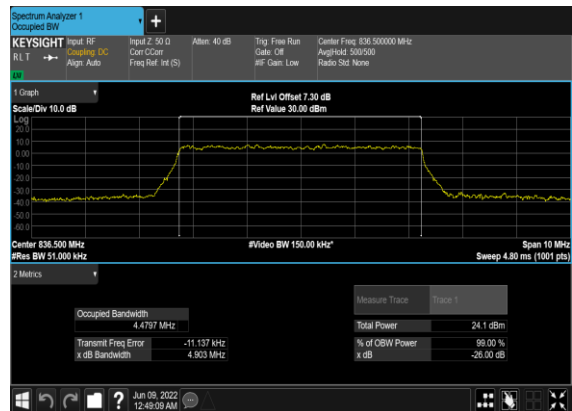
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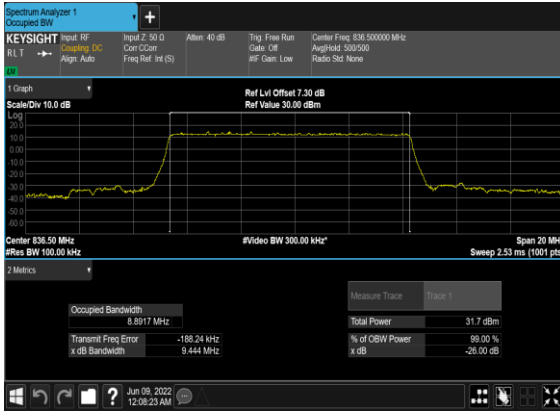
### N5(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



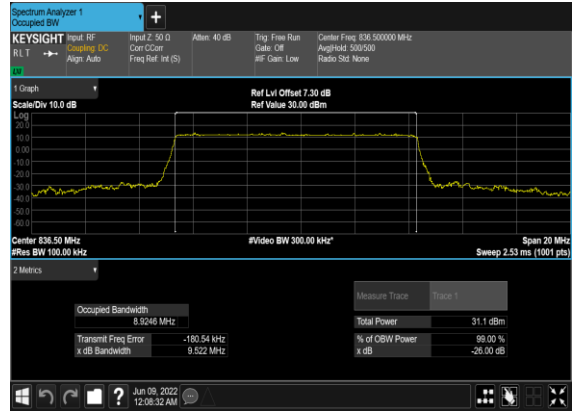
### N5(5M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



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



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



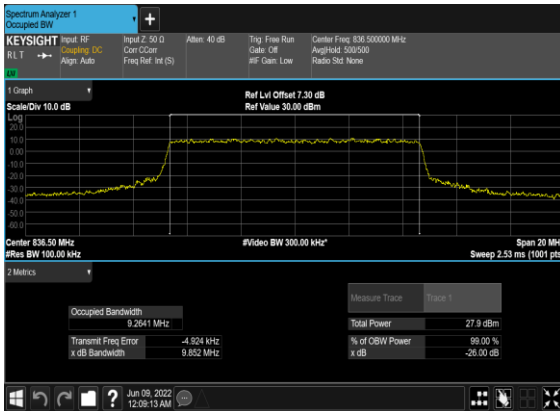
### N5(10M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



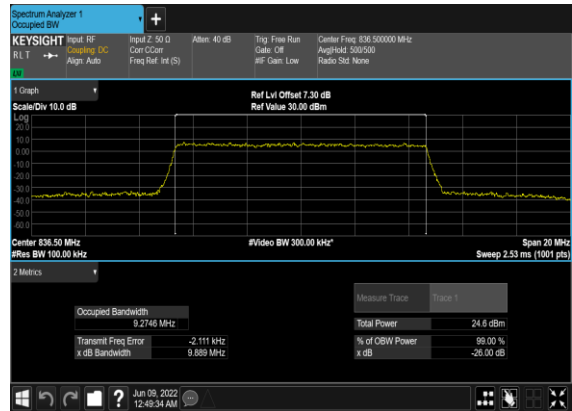
### N5(10M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



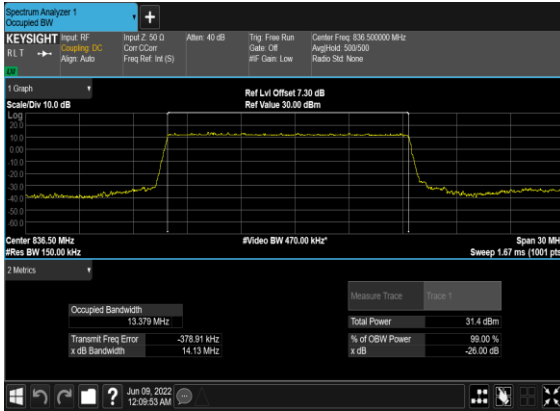
### N5(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



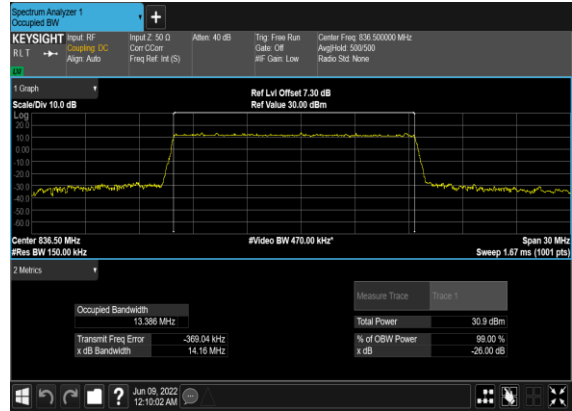
### N5(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



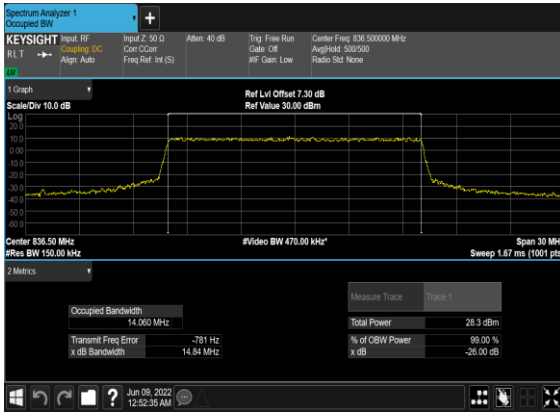
### N5(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



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



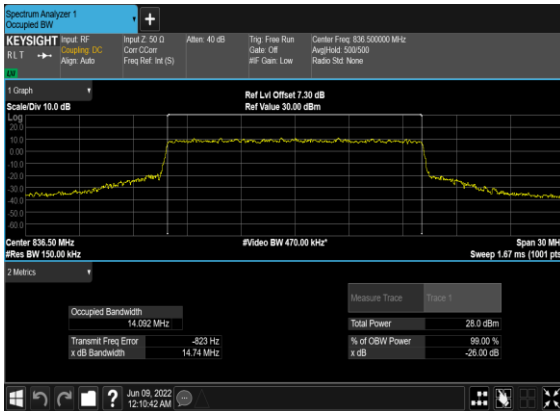
### N5(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



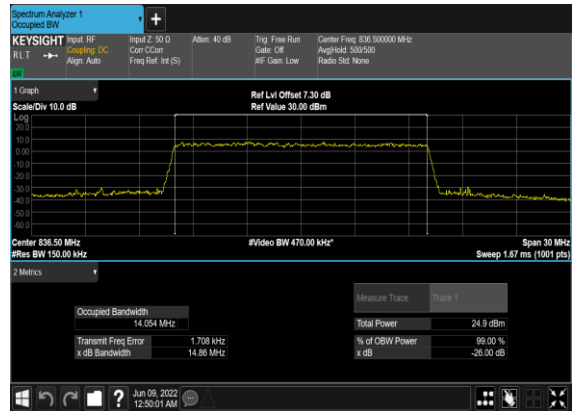
### N5(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



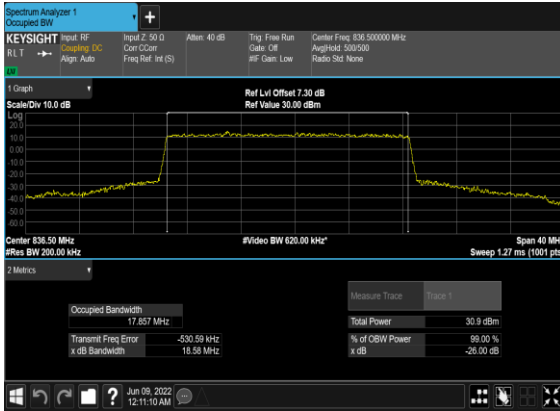
### N5(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



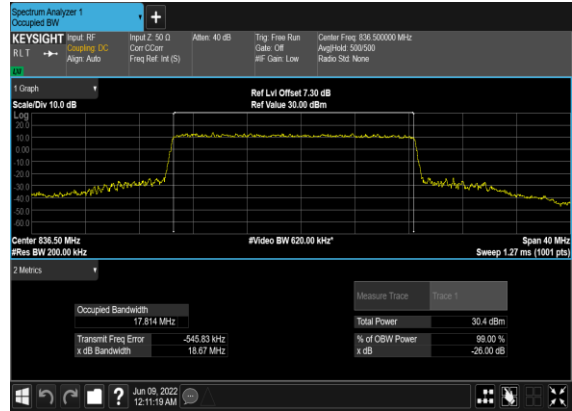
### N5(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



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



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



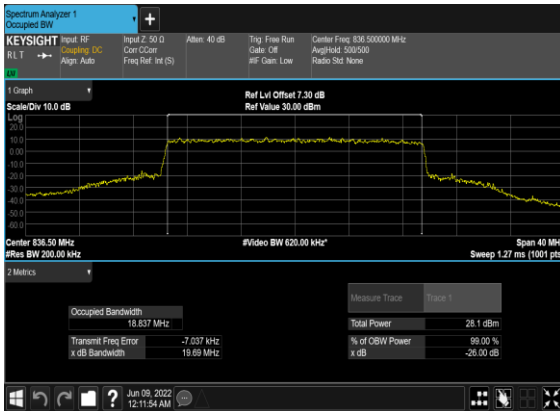
### N5(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



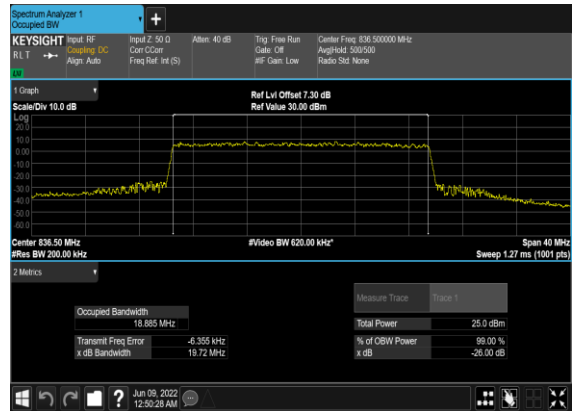
### N5(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



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



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



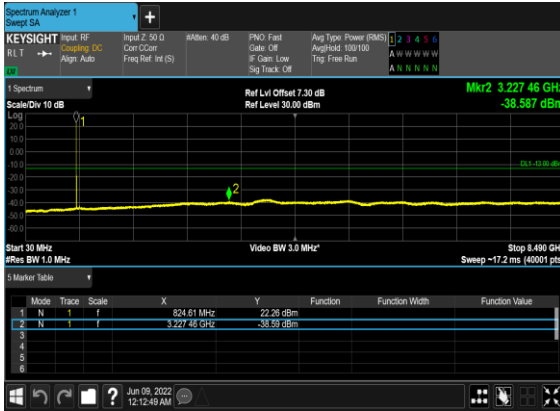
## Conducted Spurious Emissions

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>

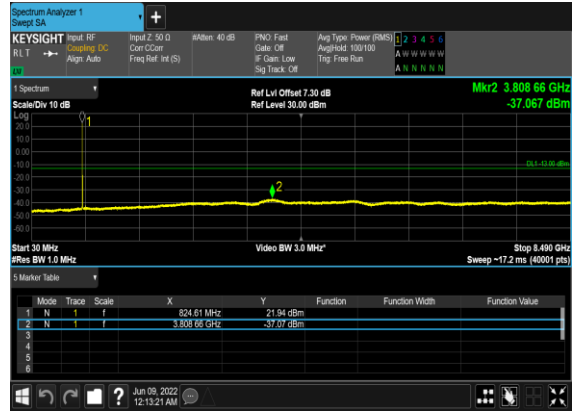
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	175800	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>



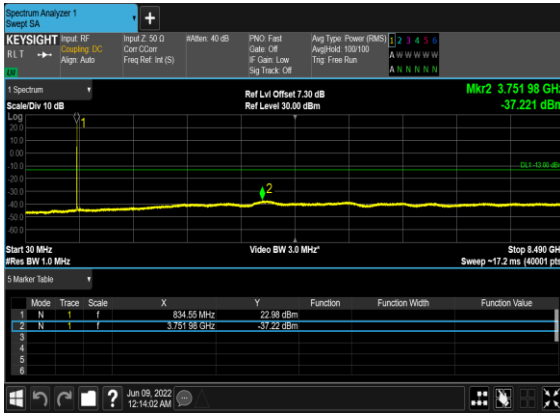
### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



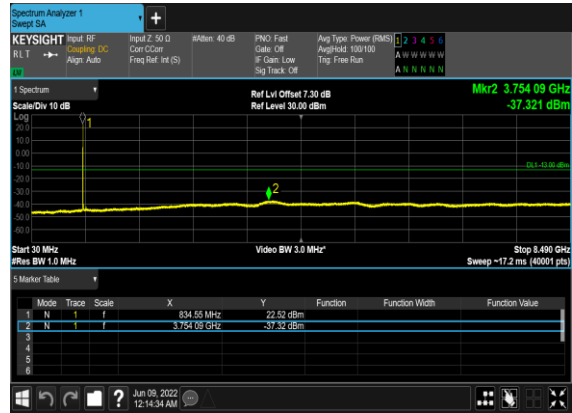
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



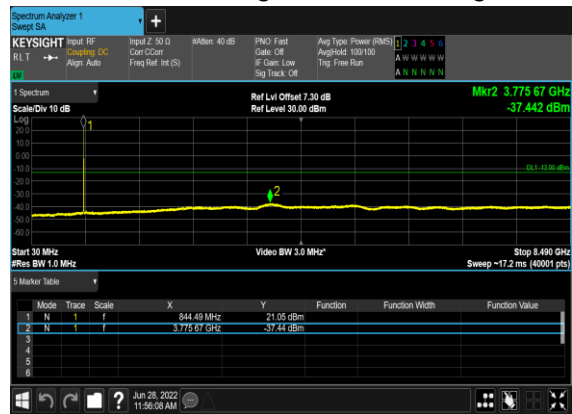
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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



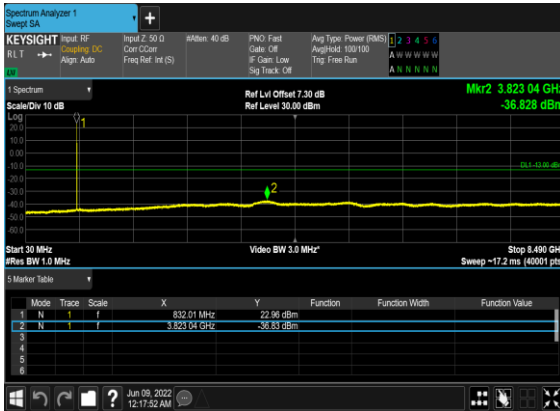
### N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



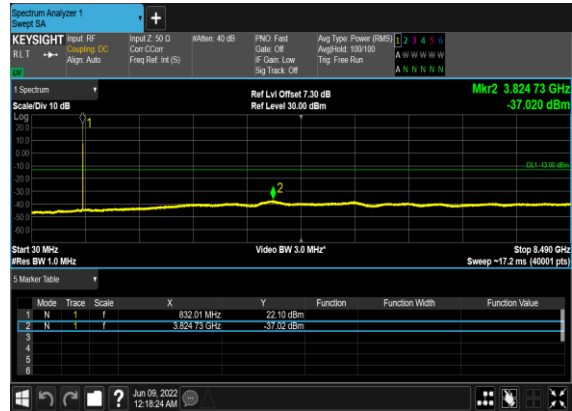
### N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



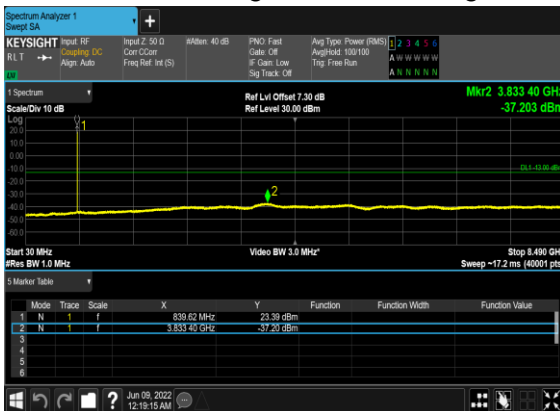
### N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



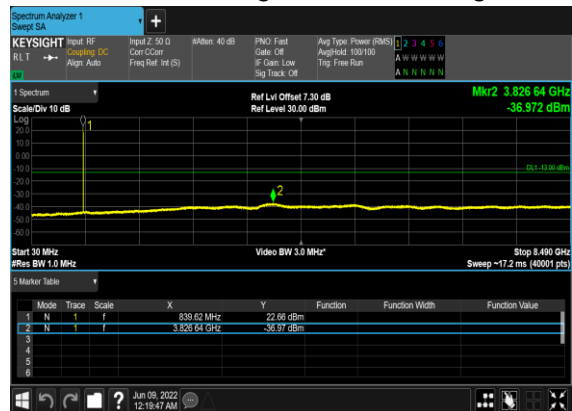
### N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



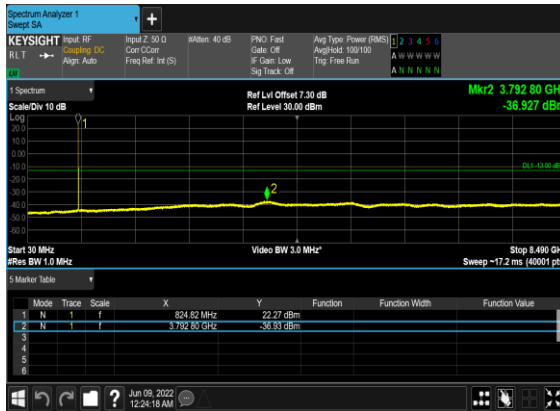
### N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



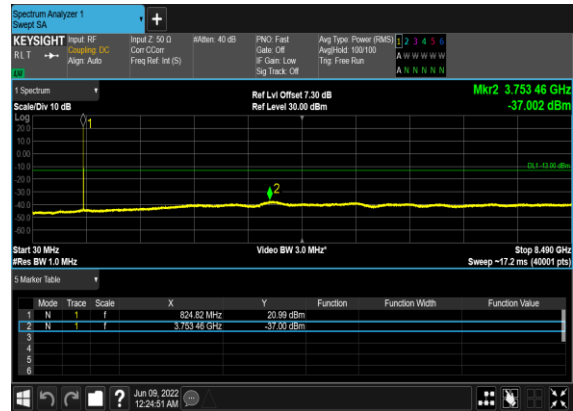
### N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



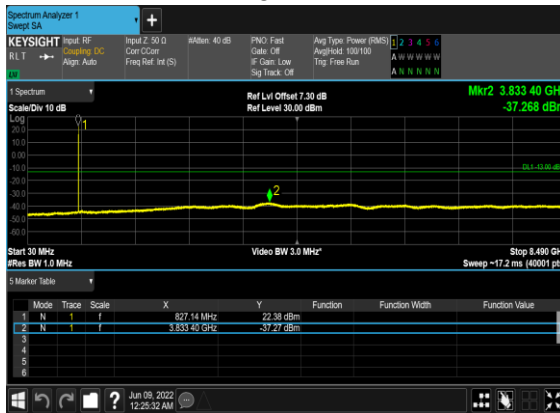
### N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



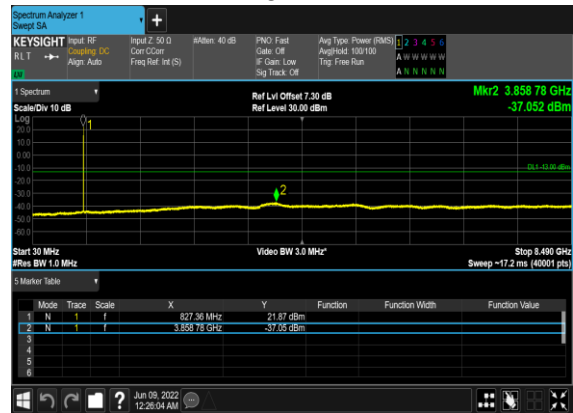
### N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



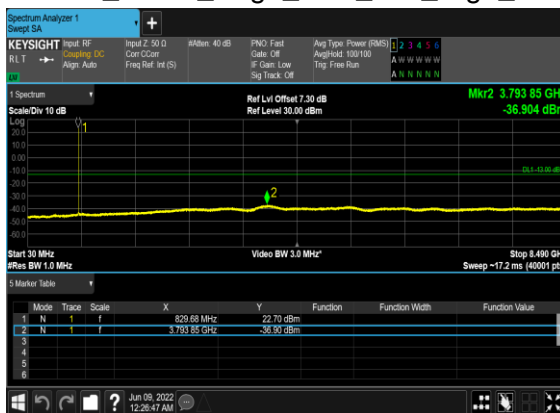
### N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



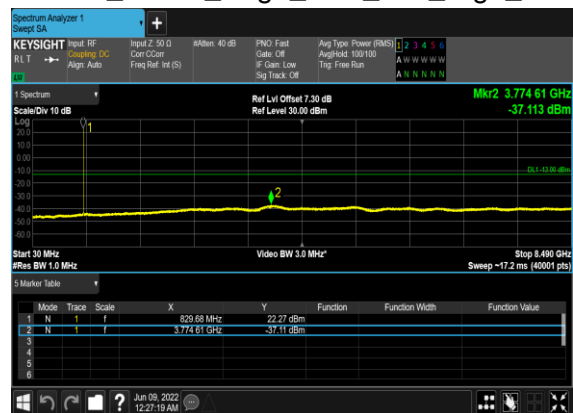
### N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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



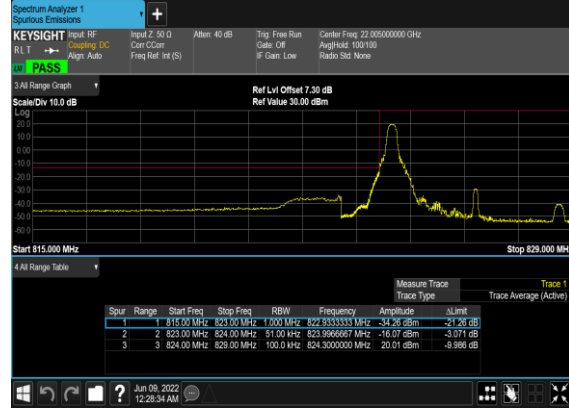
## Conducted Band Edge

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

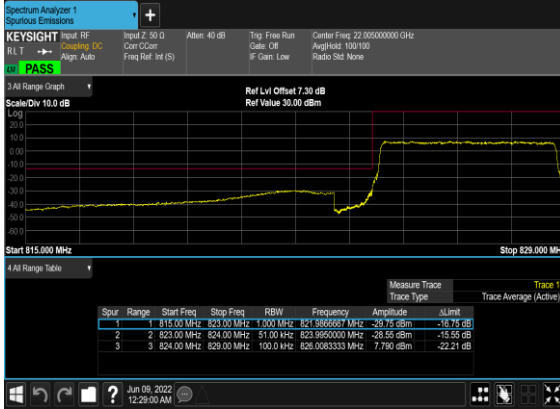
N5(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



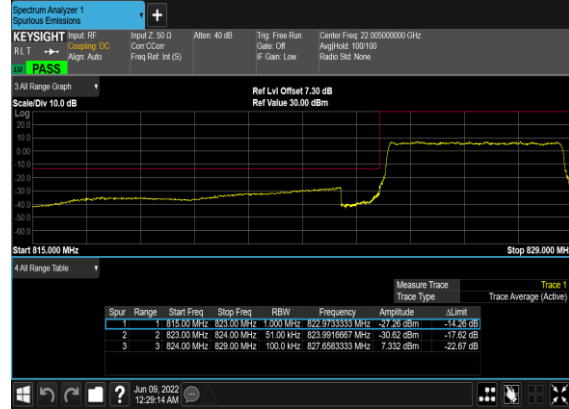
N5(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



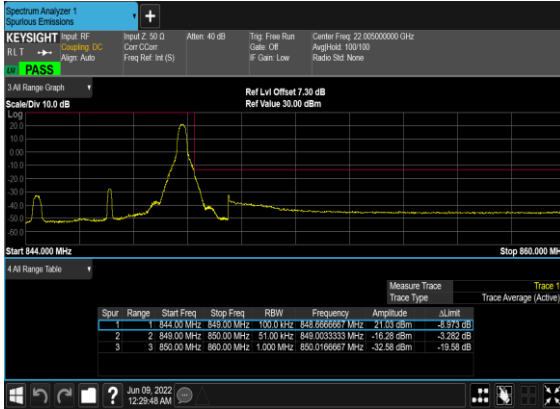
N5(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



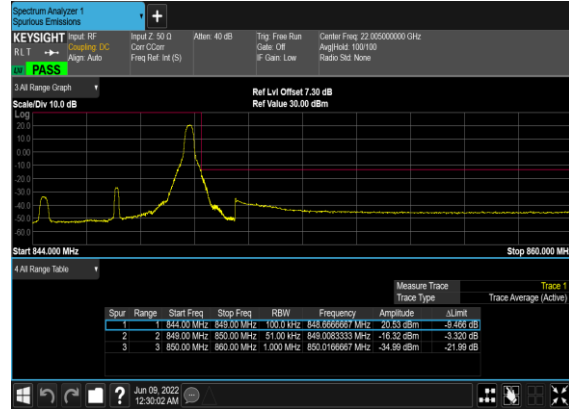
N5(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



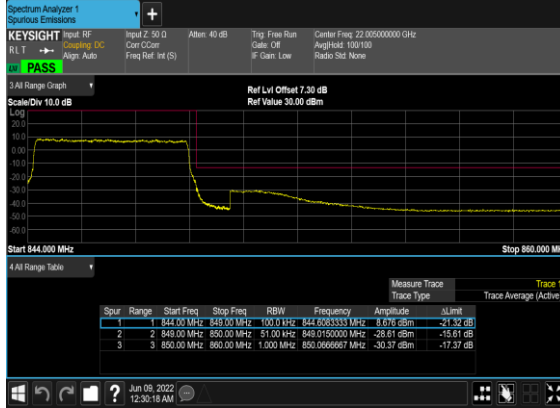
N5(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



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



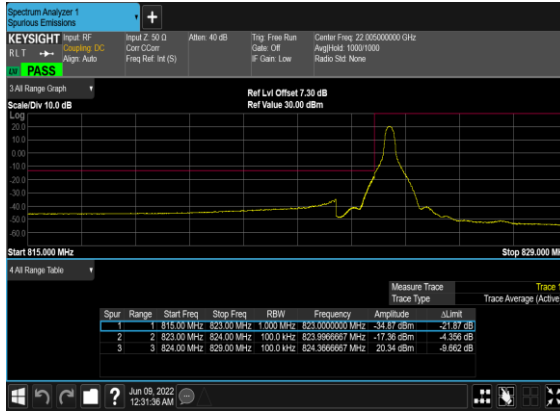
N5(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



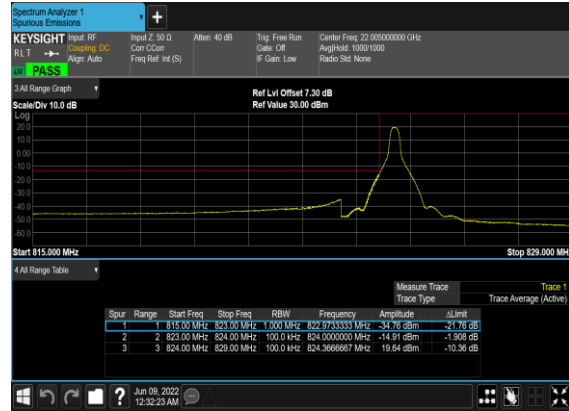
N5(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



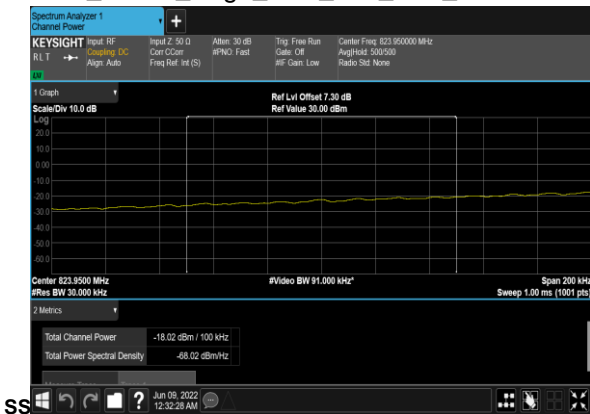
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



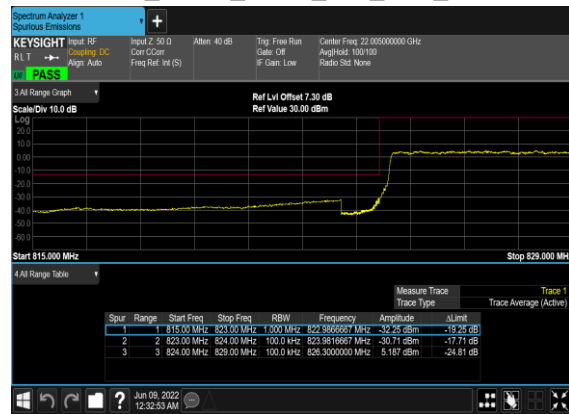
N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



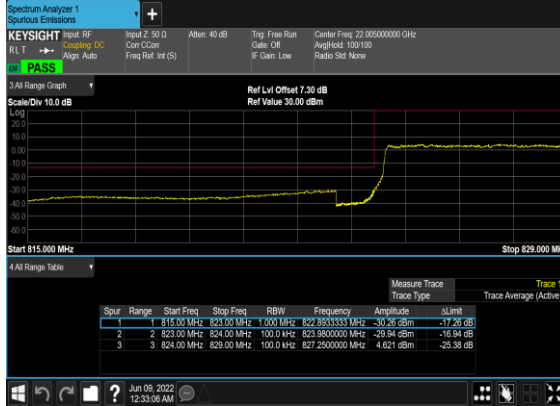
N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA



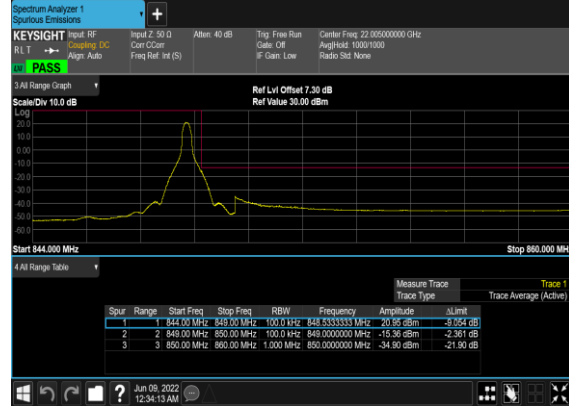
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



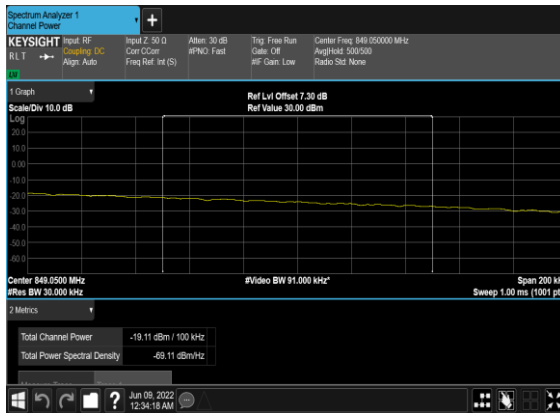
N5(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



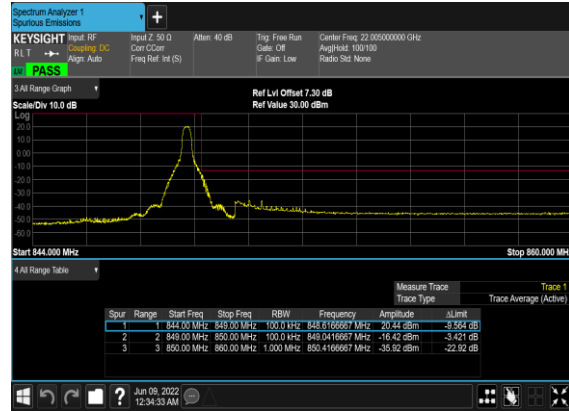
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



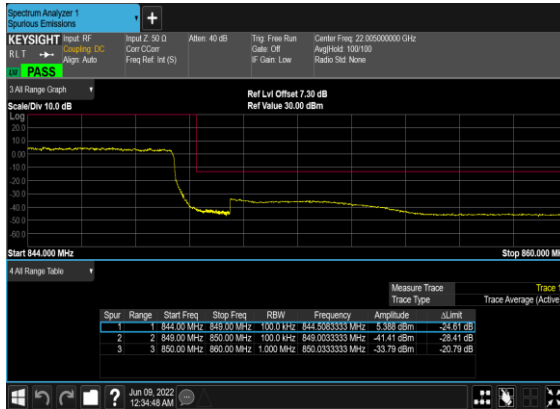
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P  
ASS



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



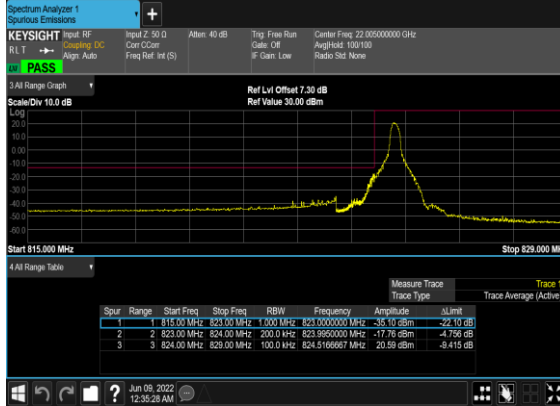
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



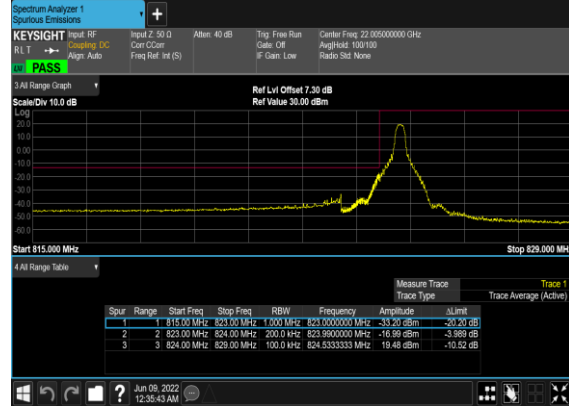
N5(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



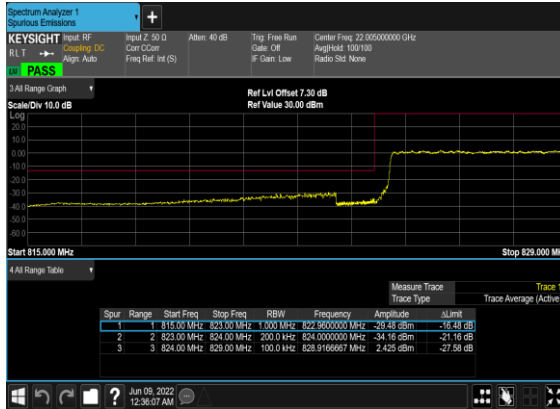
N5(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



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



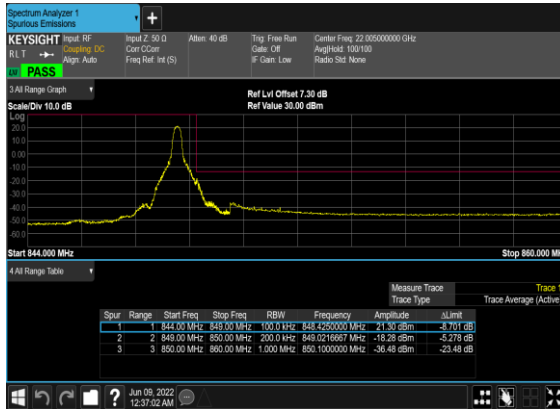
N5(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



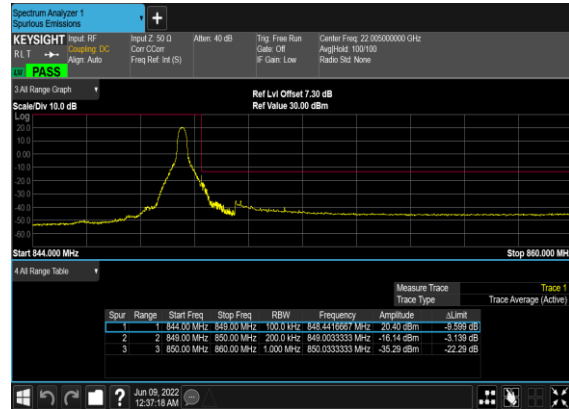
N5(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



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

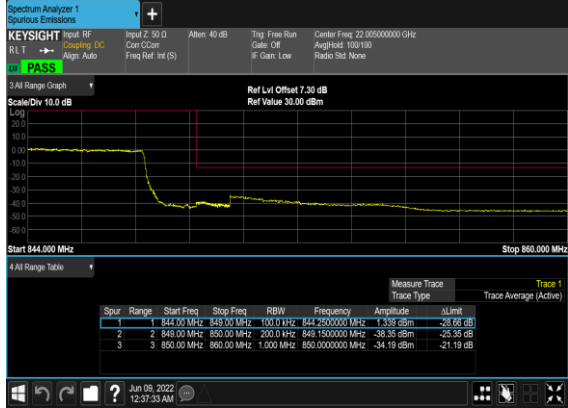


N5(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH





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



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



# FR1 N7 (ANT0)

## Transmitter Conducted Output Power and ERP/EIRP, ( $G_T - L_C$ )=0.6dB

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	22.11	22.71	0.1866
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@1	21.12	21.72	0.1486
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@1	22.42	23.02	0.2004
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.52	22.12	0.1629
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@1	22.52	23.12	0.2051
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@1	21.65	22.25	0.1679
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@1	22.14	22.74	0.1879
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@1	21.55	22.15	0.1641
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@1	22.48	23.08	0.2032
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.62	22.22	0.1667
7	15	10	537000	2565	DFT-s-OFDM QPSK	1@1	22.51	23.11	0.2046
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@1	21.6	22.2	0.1660
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@1	22.01	22.61	0.1824
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@1	21.15	21.75	0.1496
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@1	22.32	22.92	0.1959
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.44	22.04	0.1600
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@1	22.19	22.79	0.1901
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@1	21.38	21.98	0.1578
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@1	22.07	22.67	0.1849
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@1	21.11	21.71	0.1483
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@1	22.26	22.86	0.1932
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.42	22.02	0.1592
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@1	22.23	22.83	0.1919
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@1	21.38	21.98	0.1578
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@1	22.1	22.7	0.1862
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@1	21.26	21.86	0.1535
7	15	25	531000	2535	DFT-s-OFDM QPSK	1@1	22.43	23.03	0.2009
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.5	22.1	0.1622
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@1	22.46	23.06	0.2023

7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@1	21.49	22.09	0.1618
7	15	30	527000	2515	DFT-s-OFDM QPSK	1@1	22.07	22.67	0.1849
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	1@1	21.24	21.84	0.1528
7	15	30	531000	2535	DFT-s-OFDM QPSK	1@1	22.29	22.89	0.1945
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.45	22.05	0.1603
7	15	30	535000	2555	DFT-s-OFDM QPSK	1@1	22.43	23.03	0.2009
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	1@1	21.61	22.21	0.1663
7	15	40	528000	2520	DFT-s-OFDM QPSK	1@1	22.04	22.64	0.1837
7	15	40	528000	2520	DFT-s-OFDM 16 QAM	1@1	21.2	21.8	0.1514
7	15	40	531000	2535	DFT-s-OFDM QPSK	1@1	22.2	22.8	0.1905
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.37	21.97	0.1574
7	15	40	534000	2550	DFT-s-OFDM QPSK	1@1	22.48	23.08	0.2032
7	15	40	534000	2550	DFT-s-OFDM 16 QAM	1@1	21.93	22.53	0.1791
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	135@67	22.41	23.01	0.2000
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	1@1	22.05	22.65	0.1841
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	1@268	22.38	22.98	0.1986
7	15	50	529000	2525	DFT-s-OFDM QPSK	135@67	22.53	23.13	0.2056
7	15	50	529000	2525	DFT-s-OFDM QPSK	1@1	22.22	22.82	0.1914
7	15	50	529000	2525	DFT-s-OFDM QPSK	1@268	22.46	23.06	0.2023
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	135@67	21.41	22.01	0.1589
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	1@1	21.24	21.84	0.1528
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	1@268	21.57	22.17	0.1648
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	135@67	19.96	20.56	0.1138
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	1@1	19.78	20.38	0.1091
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	1@268	20.03	20.63	0.1156
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	135@67	17.82	18.42	0.0695
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	1@1	17.18	17.78	0.0600
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	1@268	17.7	18.3	0.0676
7	15	50	529000	2525	CP-OFDM QPSK	135@67	20.9	21.5	0.1413
7	15	50	529000	2525	CP-OFDM QPSK	1@1	20.74	21.34	0.1361
7	15	50	529000	2525	CP-OFDM QPSK	1@268	21.02	21.62	0.1452
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	135@67	22.42	23.02	0.2004
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.14	22.74	0.1879
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	1@268	22.43	23.03	0.2009

7	15	50	531000	2535	DFT-s-OFDM QPSK	135@67	22.51	23.11	0.2046
7	15	50	531000	2535	DFT-s-OFDM QPSK	1@1	22.24	22.84	0.1923
7	15	50	531000	2535	DFT-s-OFDM QPSK	1@268	22.46	23.06	0.2023
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	135@67	21.53	22.13	0.1633
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.38	21.98	0.1578
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	1@268	21.65	22.25	0.1679
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	135@67	19.99	20.59	0.1146
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	1@1	19.85	20.45	0.1109
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	1@268	20.12	20.72	0.1180
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	135@67	17.55	18.15	0.0653
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	1@1	17.29	17.89	0.0615
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	1@268	17.8	18.4	0.0692
7	15	50	531000	2535	CP-OFDM QPSK	135@67	20.95	21.55	0.1429
7	15	50	531000	2535	CP-OFDM QPSK	1@1	20.73	21.33	0.1358
7	15	50	531000	2535	CP-OFDM QPSK	1@268	20.96	21.56	0.1432
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	135@67	22.42	23.02	0.2004
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	1@1	22.36	22.96	0.1977
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	1@268	22.37	22.97	0.1982
7	15	50	533000	2545	DFT-s-OFDM QPSK	135@67	22.45	23.05	0.2018
7	15	50	533000	2545	DFT-s-OFDM QPSK	1@1	22.36	22.96	0.1977
7	15	50	533000	2545	DFT-s-OFDM QPSK	1@268	22.42	23.02	0.2004
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	135@67	21.44	22.04	0.1600
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	1@1	21.47	22.07	0.1611
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	1@268	21.62	22.22	0.1667
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	135@67	20.01	20.61	0.1151
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	1@1	19.92	20.52	0.1127
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	1@268	20.07	20.67	0.1167
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	135@67	17.66	18.26	0.0670
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	1@1	17.47	18.07	0.0641
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	1@268	17.86	18.46	0.0701
7	15	50	533000	2545	CP-OFDM QPSK	135@67	20.86	21.46	0.1400
7	15	50	533000	2545	CP-OFDM QPSK	1@1	20.9	21.5	0.1413
7	15	50	533000	2545	CP-OFDM QPSK	1@268	21.01	21.61	0.1449

## 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	0.00169	PASS	NV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00281	PASS	LV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00243	PASS	HV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00275	PASS	-30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00453	PASS	-20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00622	PASS	-10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00613	PASS	0°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00651	PASS	10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00012	PASS	20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00456	PASS	30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00159	PASS	40°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.00315	PASS	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	4.09	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	1@0	3.87	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	100@0	5.66	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	5.8	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	4.24	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.88	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	5.51	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	6.07	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	100@0	4.35	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	1@0	3.88	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	100@0	5.56	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	5.95	13	PASS

N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



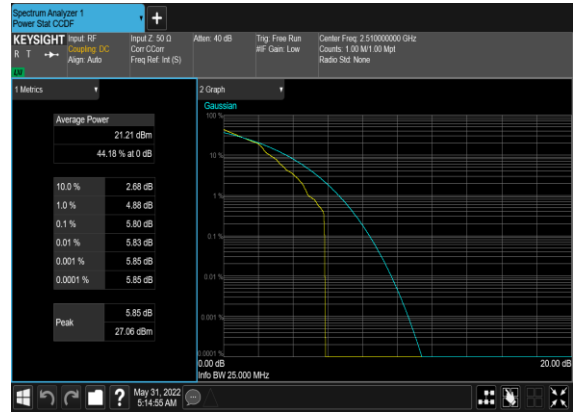
N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



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



N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



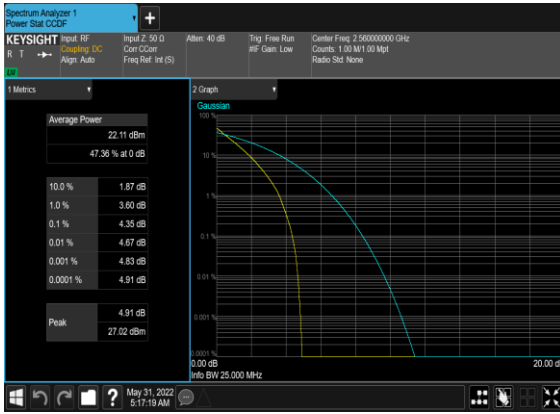
N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



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



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



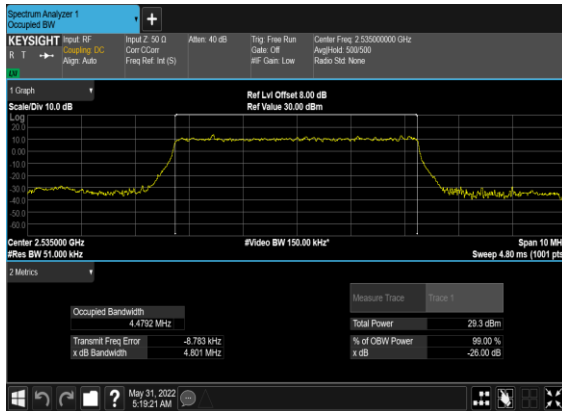


## Occupied Bandwidth

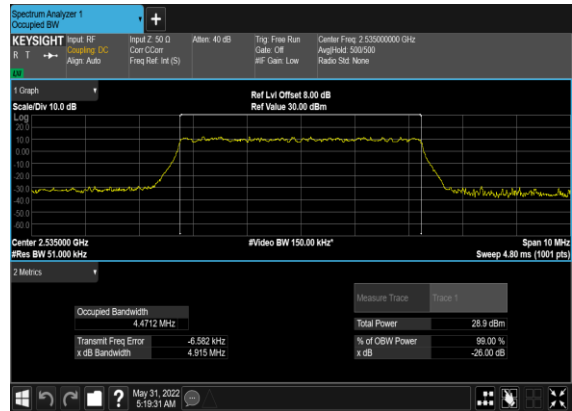
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4792	4.801
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	25@0	4.4712	4.915
7	15	5	531000	2535.0	CP-OFDM QPSK	25@0	4.4684	4.867
7	15	5	531000	2535.0	CP-OFDM 16 QAM	25@0	4.4947	4.976
7	15	5	531000	2535.0	CP-OFDM 64 QAM	25@0	4.4619	4.908
7	15	5	531000	2535.0	CP-OFDM 256 QAM	25@0	4.4817	4.927
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8972	9.476
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	50@0	8.9296	9.581
7	15	10	531000	2535.0	CP-OFDM QPSK	52@0	9.2734	9.909
7	15	10	531000	2535.0	CP-OFDM 16 QAM	52@0	9.2812	9.91
7	15	10	531000	2535.0	CP-OFDM 64 QAM	52@0	9.2757	9.856
7	15	10	531000	2535.0	CP-OFDM 256 QAM	52@0	9.2873	9.945
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	75@0	13.383	14.17
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	75@0	13.4	14.17
7	15	15	531000	2535.0	CP-OFDM QPSK	79@0	14.087	14.86
7	15	15	531000	2535.0	CP-OFDM 16 QAM	79@0	14.1	14.82
7	15	15	531000	2535.0	CP-OFDM 64 QAM	79@0	14.104	14.87
7	15	15	531000	2535.0	CP-OFDM 256 QAM	79@0	14.076	14.84
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	17.913	18.7
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	17.86	18.76
7	15	20	531000	2535.0	CP-OFDM QPSK	106@0	18.889	19.83
7	15	20	531000	2535.0	CP-OFDM 16 QAM	106@0	18.894	19.78
7	15	20	531000	2535.0	CP-OFDM 64 QAM	106@0	18.899	19.77
7	15	20	531000	2535.0	CP-OFDM 256 QAM	106@0	18.937	19.77

7	15	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	128@0	22.856	23.82
7	15	25	531000	2535.0	DFT-s-OFDM QPSK	128@0	22.854	23.77
7	15	25	531000	2535.0	CP-OFDM QPSK	133@0	23.724	24.76
7	15	25	531000	2535.0	CP-OFDM 16 QAM	133@0	23.726	24.71
7	15	25	531000	2535.0	CP-OFDM 64 QAM	133@0	23.771	24.73
7	15	25	531000	2535.0	CP-OFDM 256 QAM	133@0	23.717	24.68
7	15	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	160@0	28.563	29.68
7	15	30	531000	2535.0	DFT-s-OFDM QPSK	160@0	28.508	29.57
7	15	30	531000	2535.0	CP-OFDM QPSK	160@0	28.522	29.63
7	15	30	531000	2535.0	CP-OFDM 16 QAM	160@0	28.549	29.65
7	15	30	531000	2535.0	CP-OFDM 64 QAM	160@0	28.551	29.66
7	15	30	531000	2535.0	CP-OFDM 256 QAM	160@0	28.549	29.64
7	15	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	216@0	38.537	40.03
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	216@0	38.492	39.95
7	15	40	531000	2535.0	CP-OFDM QPSK	216@0	38.49	39.91
7	15	40	531000	2535.0	CP-OFDM 16 QAM	216@0	38.522	39.89
7	15	40	531000	2535.0	CP-OFDM 64 QAM	216@0	38.545	39.92
7	15	40	531000	2535.0	CP-OFDM 256 QAM	216@0	38.532	39.97
7	15	50	531000	2535.0	DFT-s-OFDM PI/2 BPSK	270@0	48.254	49.86
7	15	50	531000	2535.0	DFT-s-OFDM QPSK	270@0	48.23	49.85
7	15	50	531000	2535.0	CP-OFDM QPSK	270@0	48.149	49.78
7	15	50	531000	2535.0	CP-OFDM 16 QAM	270@0	48.144	49.83
7	15	50	531000	2535.0	CP-OFDM 64 QAM	270@0	48.141	49.73
7	15	50	531000	2535.0	CP-OFDM 256 QAM	270@0	48.13	49.88

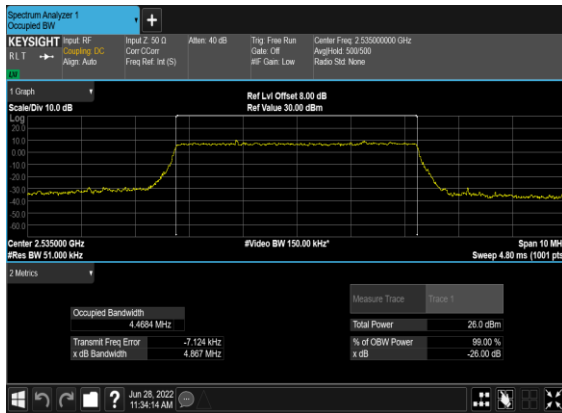
### N7(5M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### N7(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



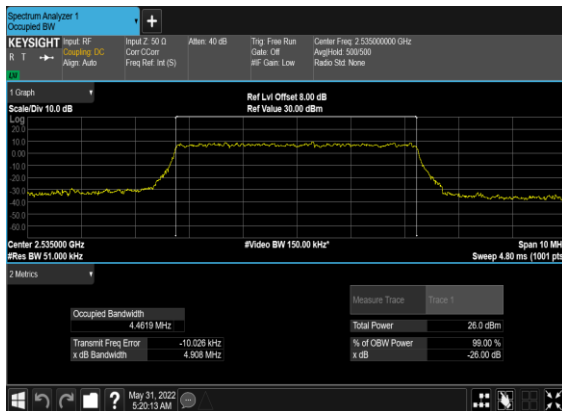
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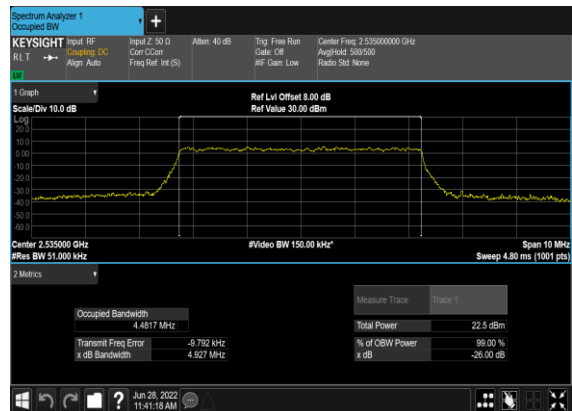
### N7(5M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



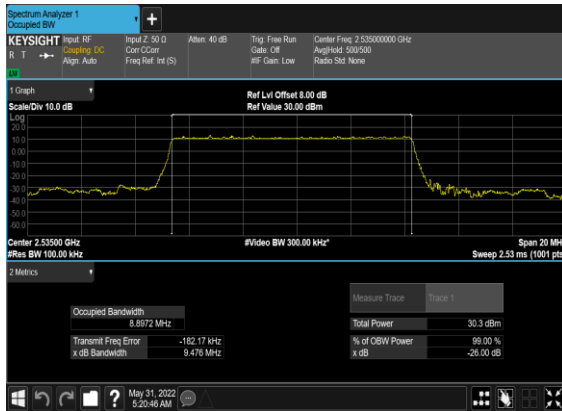
### N7(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



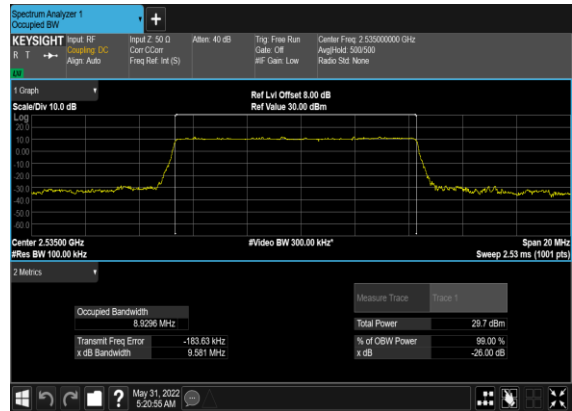
### N7(5M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



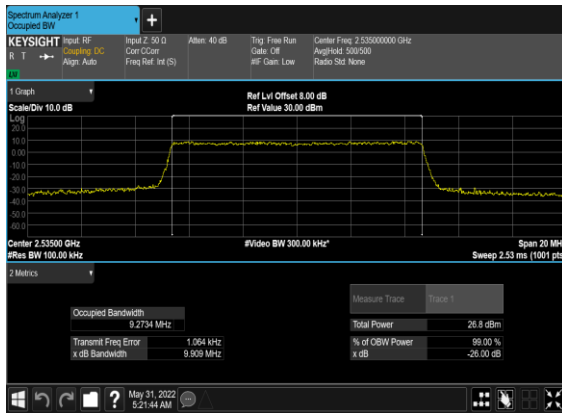
### N7(10M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### N7(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



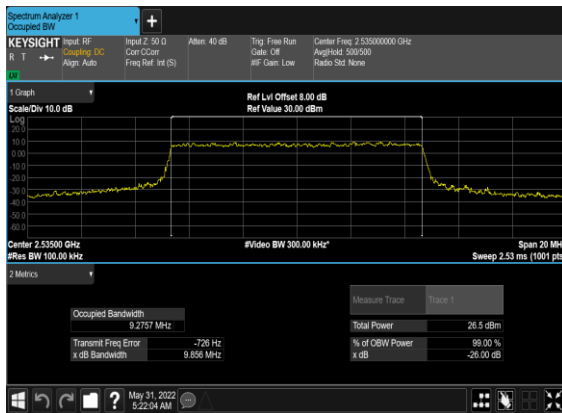
### N7(10M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



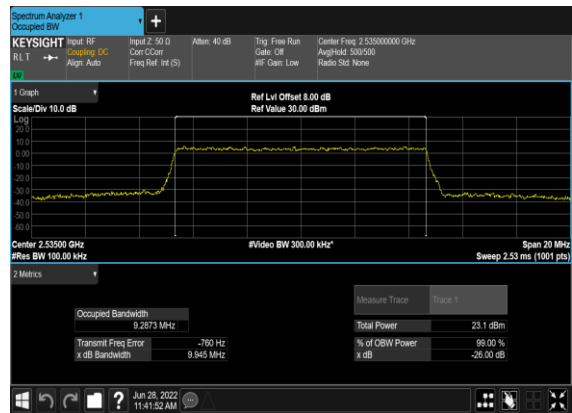
### N7(10M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



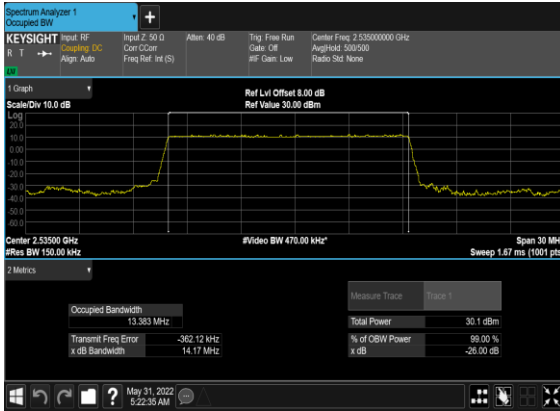
### N7(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



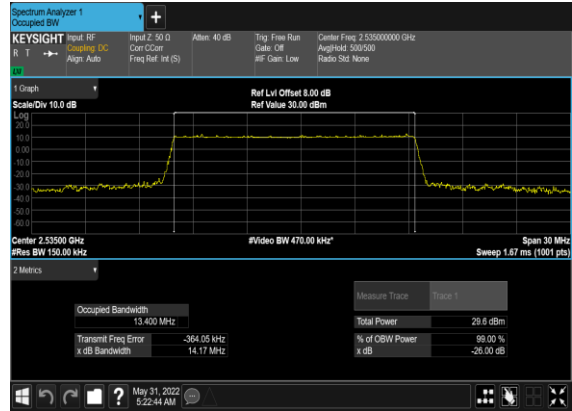
### N7(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



### N7(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### N7(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



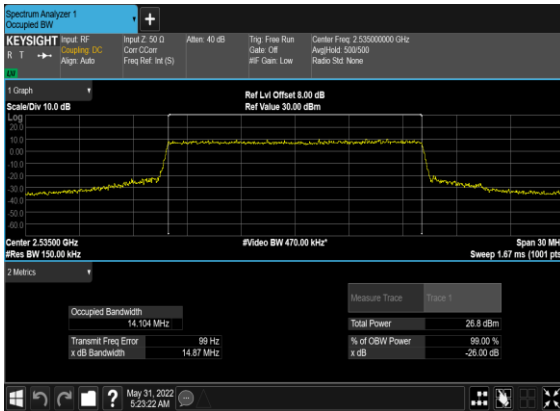
### N7(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N7(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N7(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N7(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

