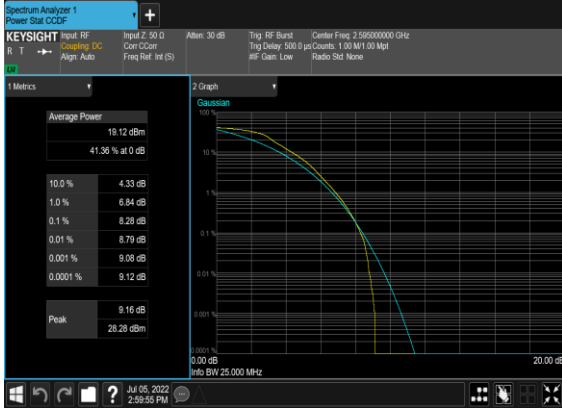
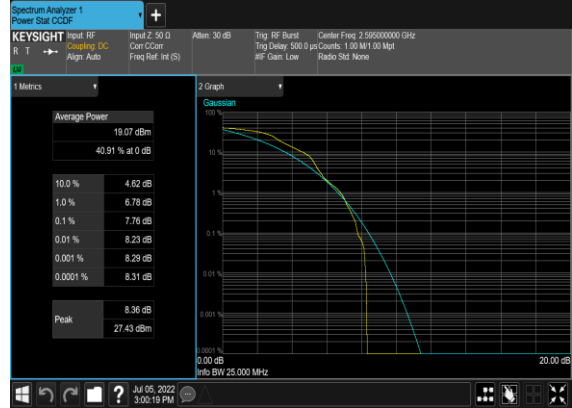


N38(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N38(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N38(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N38(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



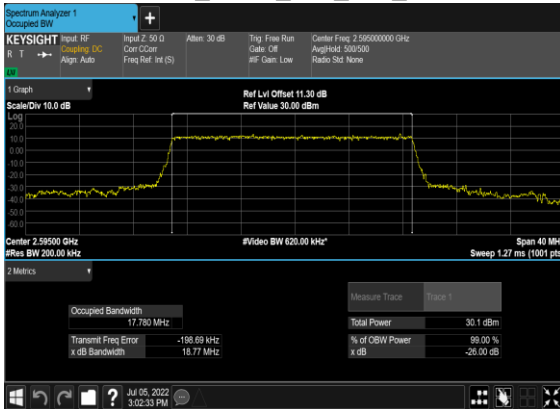
N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



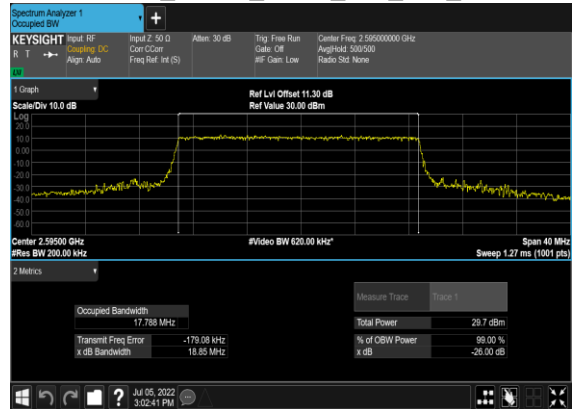
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
38	30	20	519000	2595.0	DFT-s-OFDM PI/2 BPSK	50@0	17.78	18.77
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	50@0	17.788	18.85
38	30	20	519000	2595.0	CP-OFDM QPSK	51@0	18.228	19.56
38	30	20	519000	2595.0	CP-OFDM 16 QAM	51@0	18.255	19.26
38	30	20	519000	2595.0	CP-OFDM 64 QAM	51@0	18.208	19.37
38	30	20	519000	2595.0	CP-OFDM 256 QAM	51@0	18.166	19.33
38	30	30	519000	2595.0	DFT-s-OFDM PI/2 BPSK	75@0	26.756	28.18
38	30	30	519000	2595.0	DFT-s-OFDM QPSK	75@0	26.759	28.13
38	30	30	519000	2595.0	CP-OFDM QPSK	78@0	27.825	29.28
38	30	30	519000	2595.0	CP-OFDM 16 QAM	78@0	27.853	29.06
38	30	30	519000	2595.0	CP-OFDM 64 QAM	78@0	27.876	29.18
38	30	30	519000	2595.0	CP-OFDM 256 QAM	78@0	27.866	29.14
38	30	40	519000	2595.0	DFT-s-OFDM PI/2 BPSK	100@0	35.727	37.33
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	100@0	35.759	37.4
38	30	40	519000	2595.0	CP-OFDM QPSK	106@0	37.844	39.4
38	30	40	519000	2595.0	CP-OFDM 16 QAM	106@0	37.796	39.29
38	30	40	519000	2595.0	CP-OFDM 64 QAM	106@0	37.84	39.53
38	30	40	519000	2595.0	CP-OFDM 256 QAM	106@0	37.848	39.51

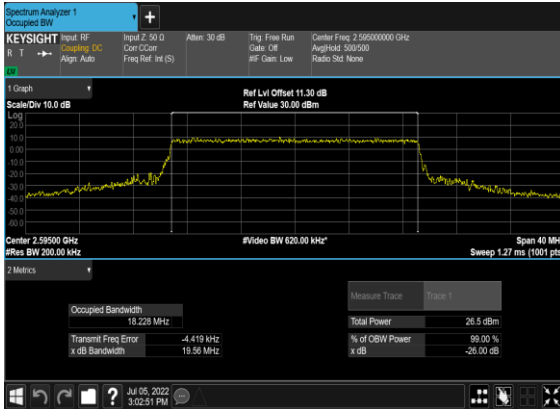
N38(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



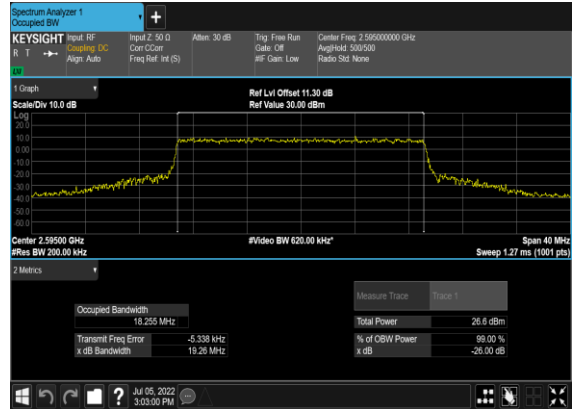
N38(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



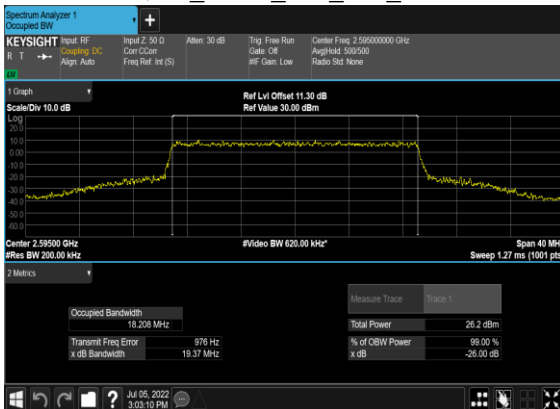
N38(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



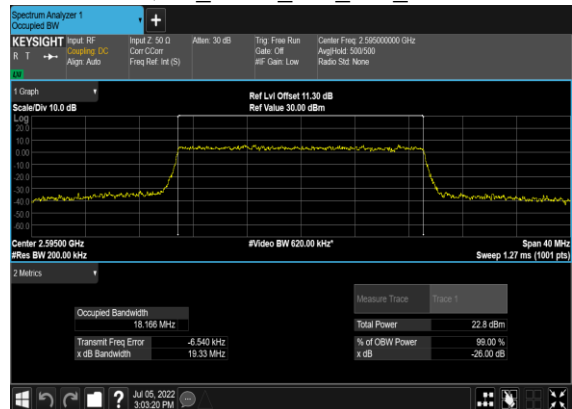
N38(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



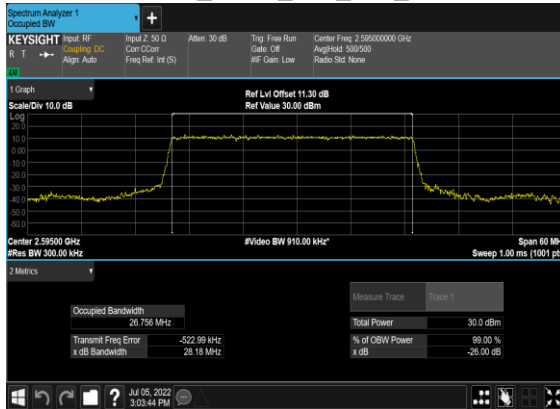
N38(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



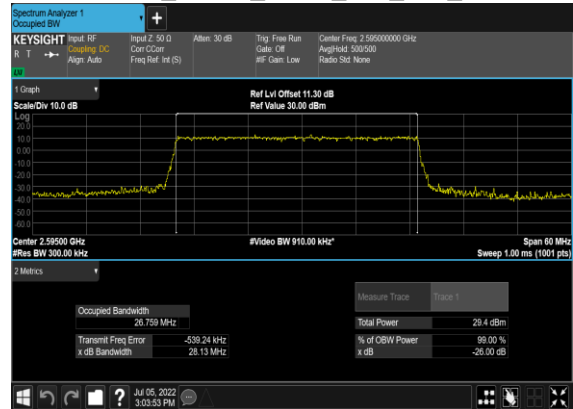
N38(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



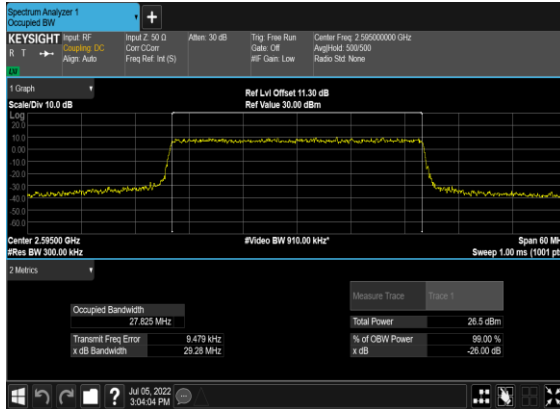
N38(30M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



N38(30M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



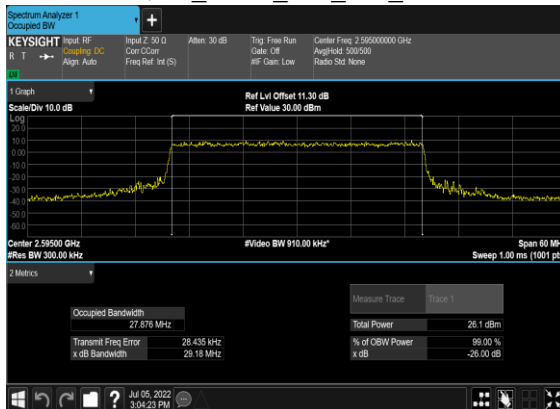
N38(30M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



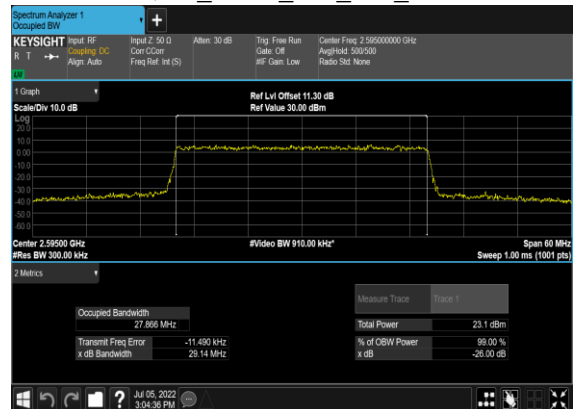
N38(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



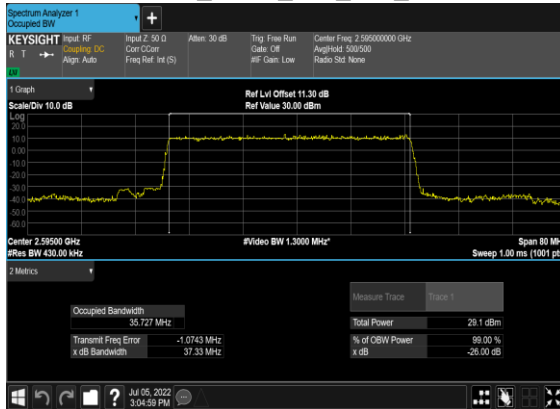
N38(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



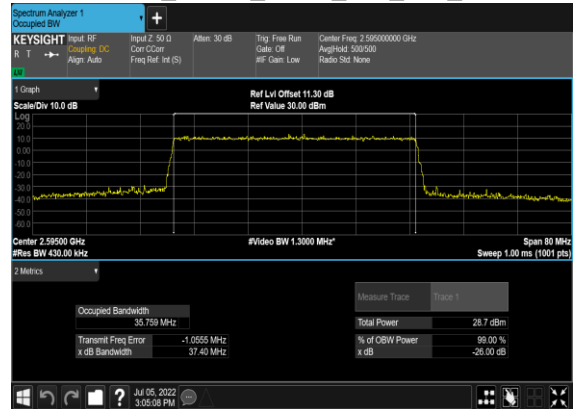
N38(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



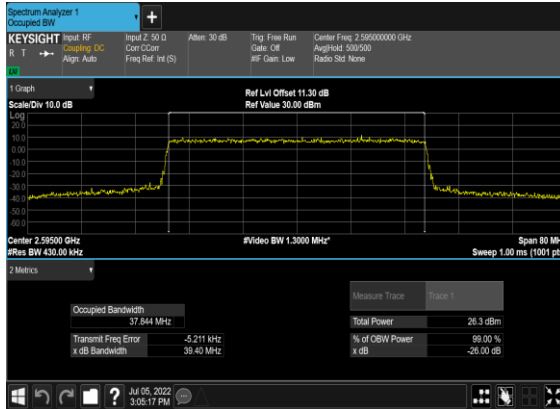
N38(40M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



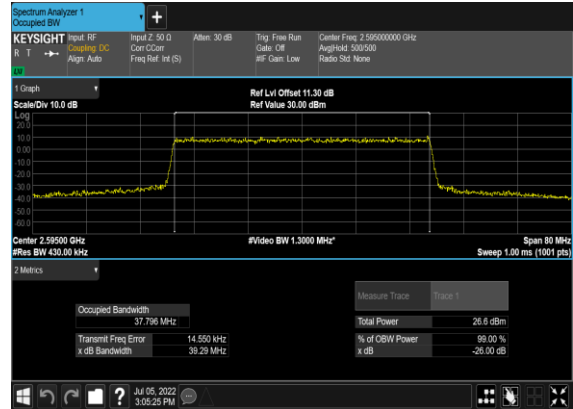
N38(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



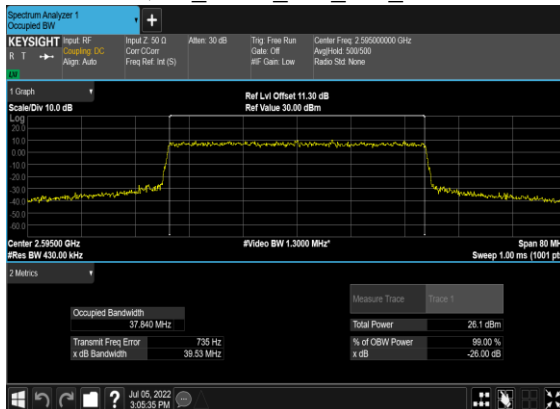
N38(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



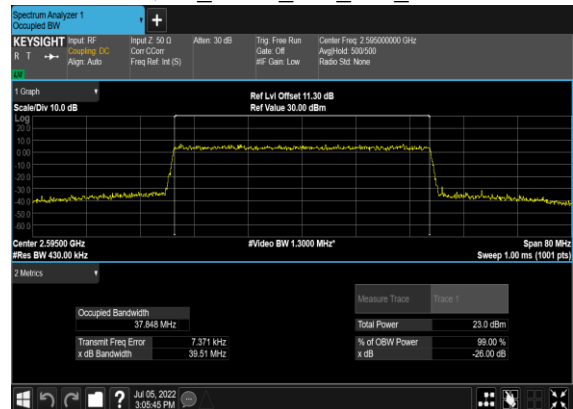
N38(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N38(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N38(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

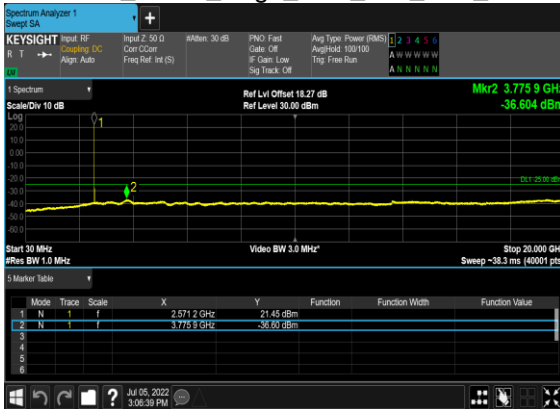
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	20	516000	2580.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	20	516000	2580.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	20	516000	2580.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	20	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	20	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	20	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	20	522000	2610.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	30	517000	2585.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM QPSK	1@0	see graph	---

38	30	30	517000	2585.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	30	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	30	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	30	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	30	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	30	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	30	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	30	521000	2605.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	30	521000	2605.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	40	518000	2590.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	40	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	40	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	40	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	40	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---

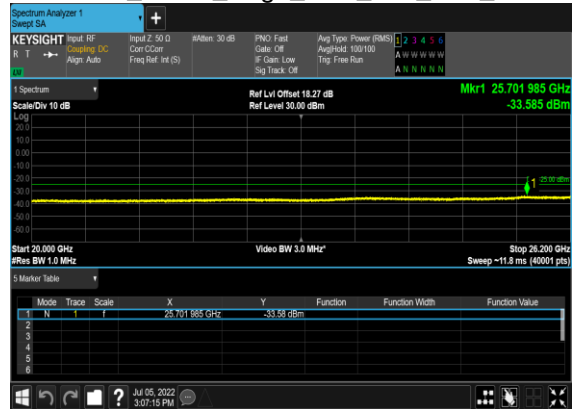
<b>38</b>	30	40	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
<b>38</b>	30	40	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM BPSK	1@0	see graph	---
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@0	see graph	---
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
<b>38</b>	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>



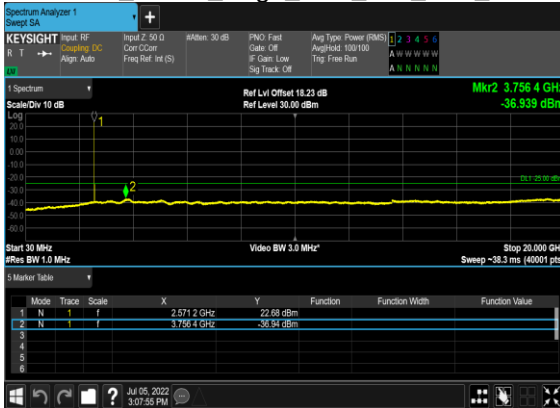
### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



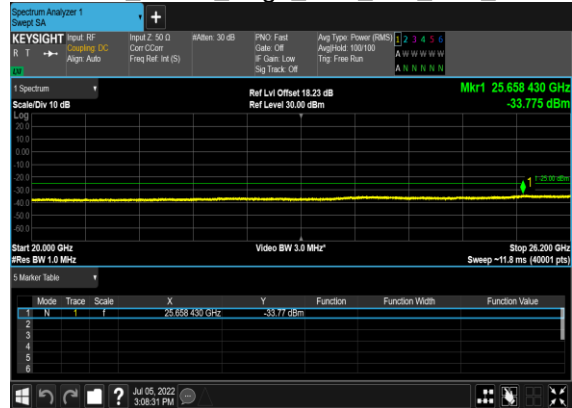
### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



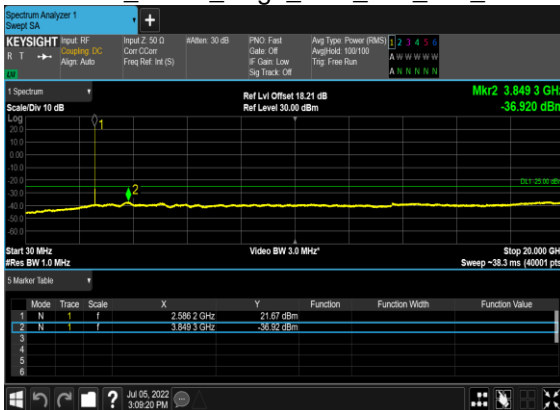
### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



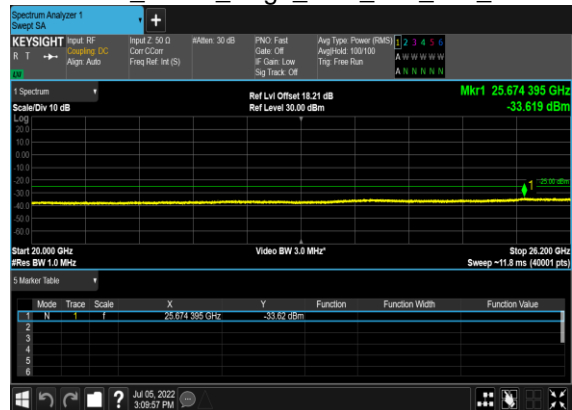
### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



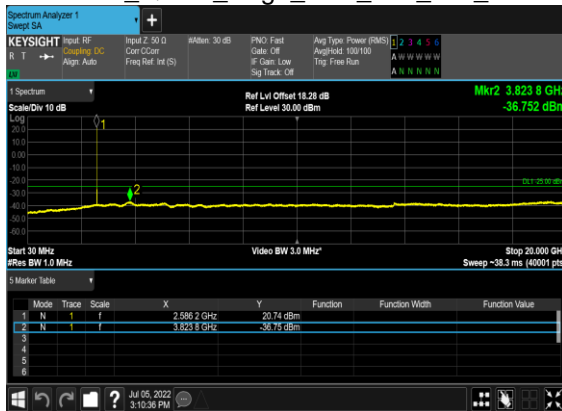
### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



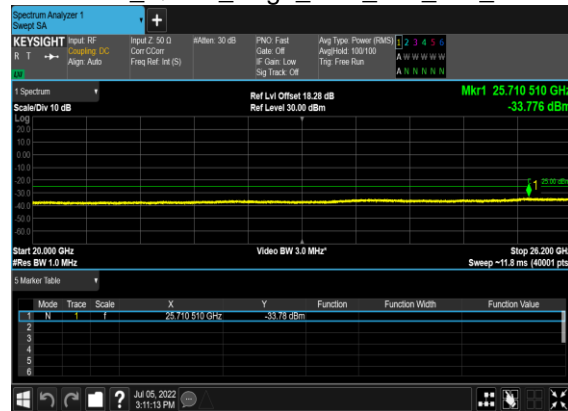
### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



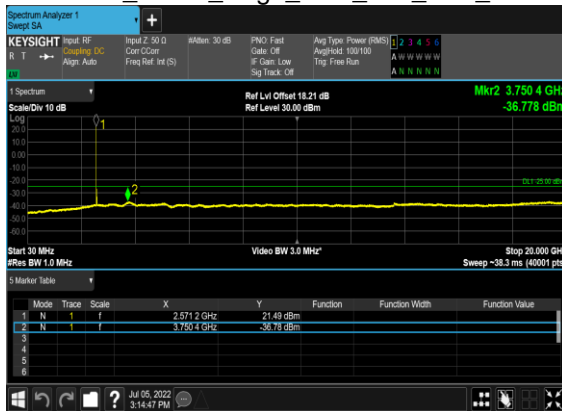
### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



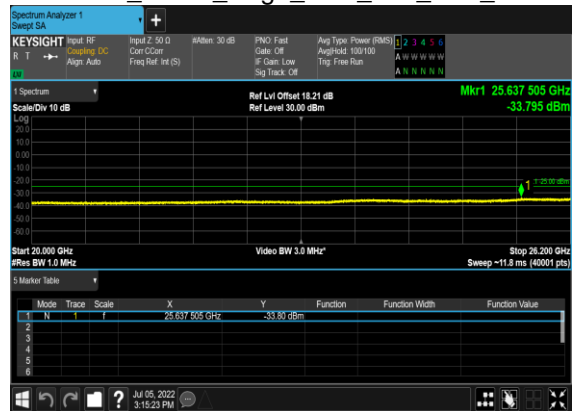
### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



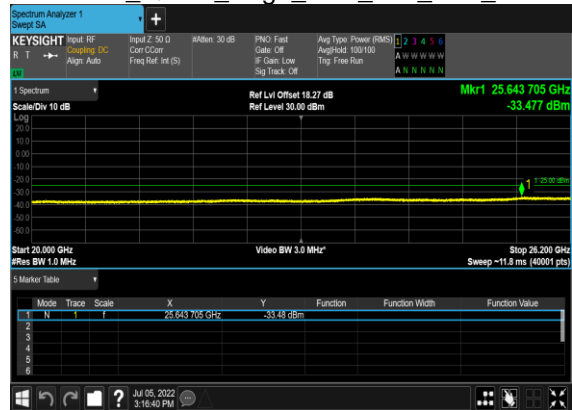
### N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



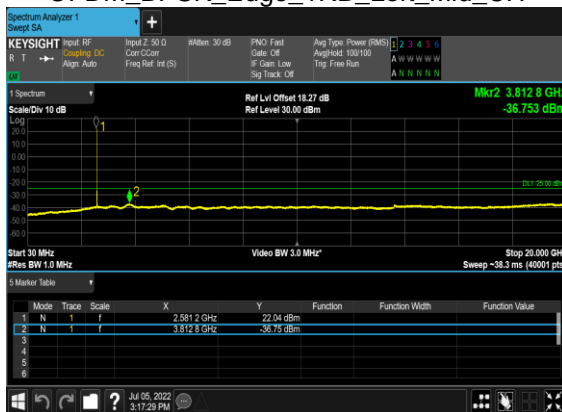
### N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



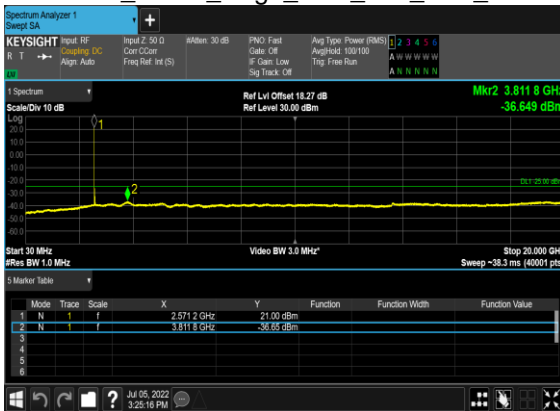
### N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



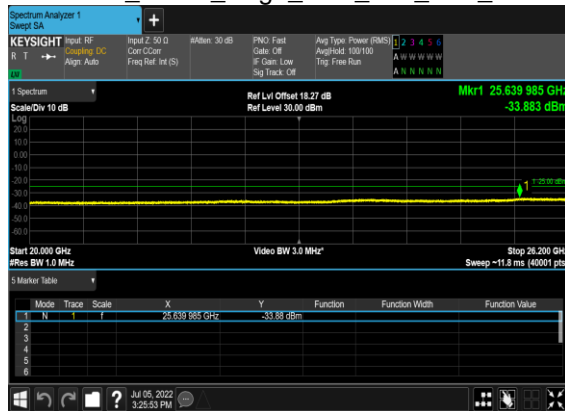
### N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



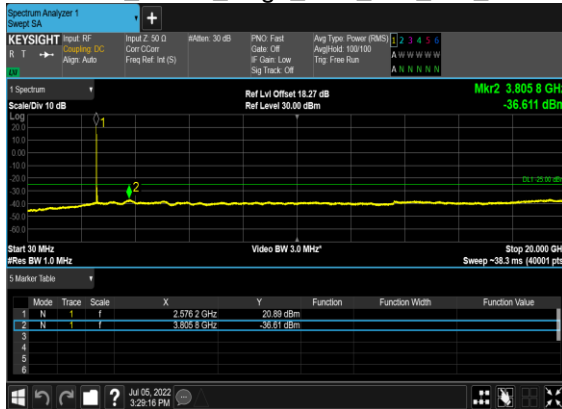
### N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



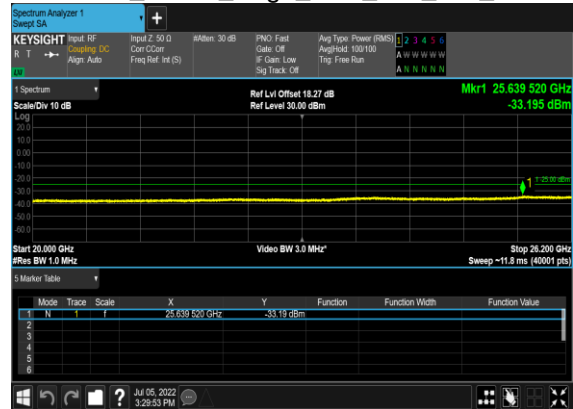
### N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



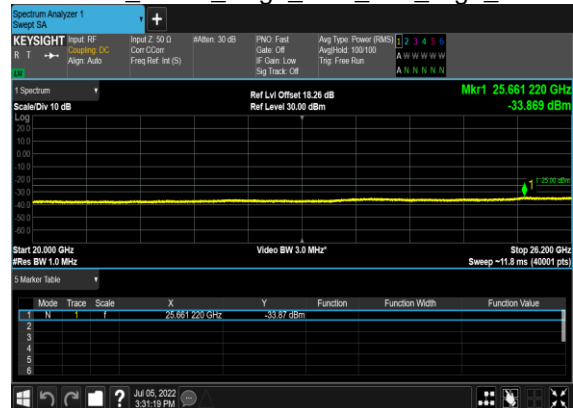
### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



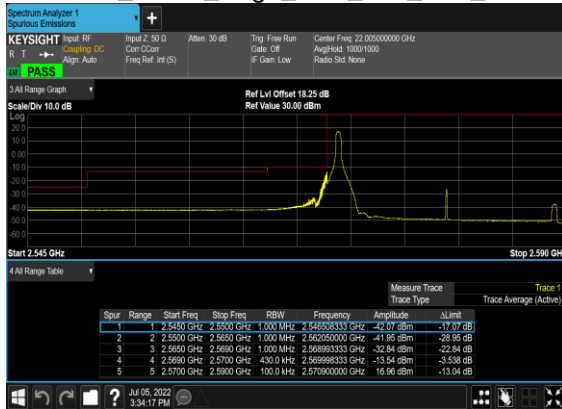
### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



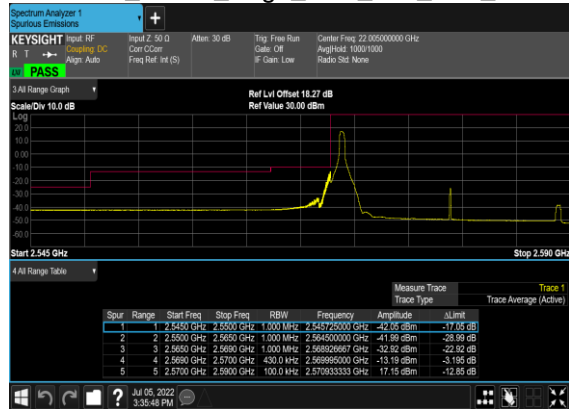
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	20	516000	2580.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	20	516000	2580.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM BPSK	1@50	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@50	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM BPSK	75@0	see graph	PASS
38	30	30	517000	2585.0	DFT-s-OFDM QPSK	75@0	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM BPSK	1@77	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM QPSK	1@77	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM BPSK	75@0	see graph	PASS
38	30	30	521000	2605.0	DFT-s-OFDM QPSK	75@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
38	30	40	518000	2590.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
38	30	40	520000	2600.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
38	30	40	520000	2600.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
38	30	40	520000	2600.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

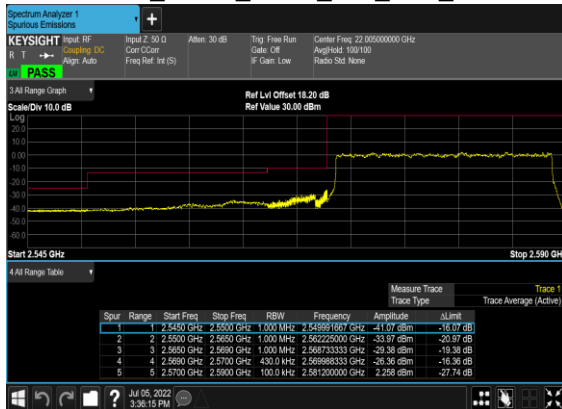
### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



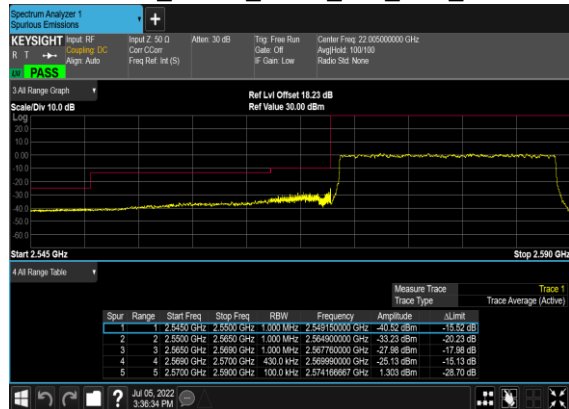
### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



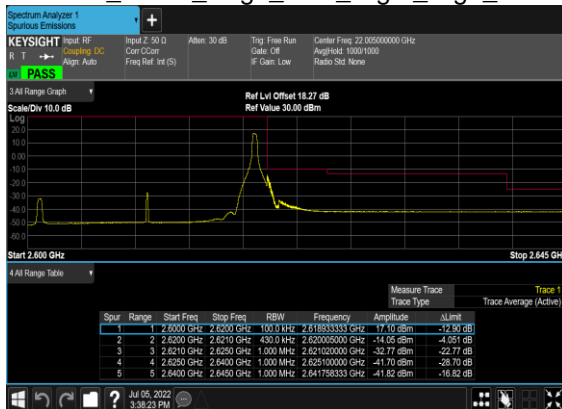
### N38(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



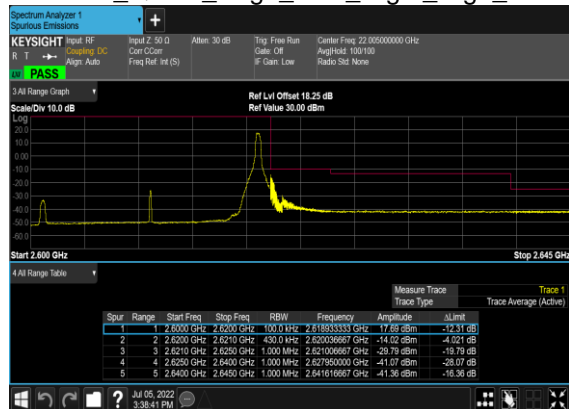
### N38(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N38(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

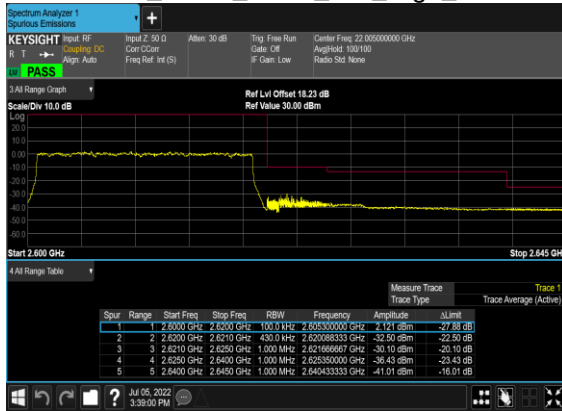


### N38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

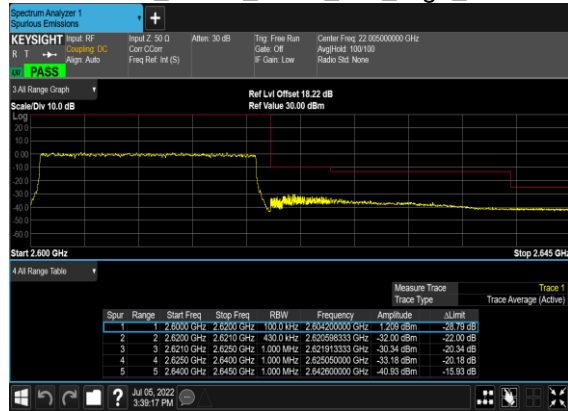




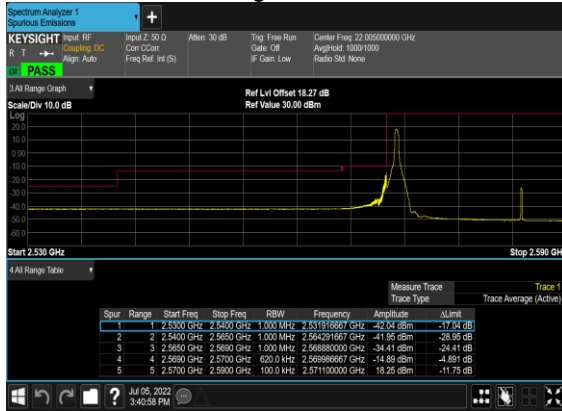
### N38(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



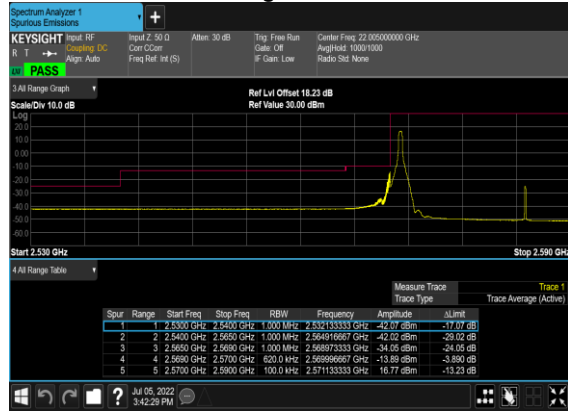
### N38(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



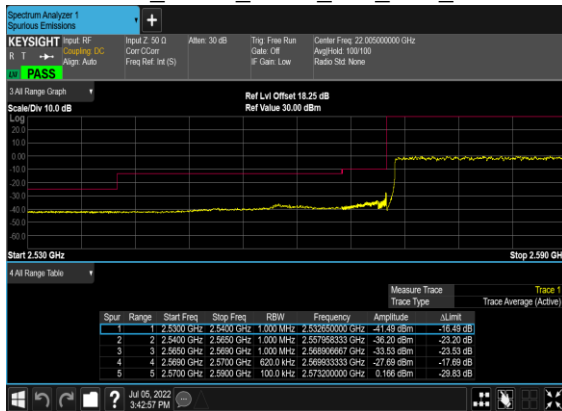
### N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



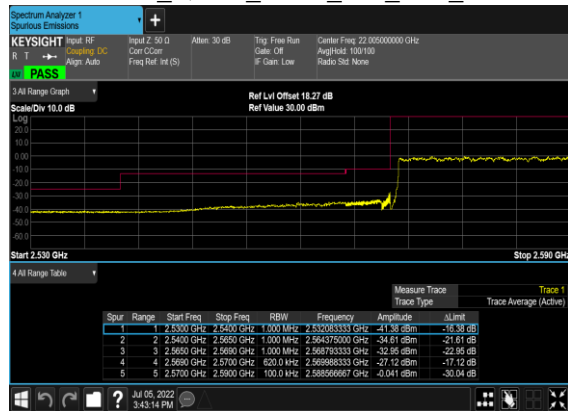
### N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



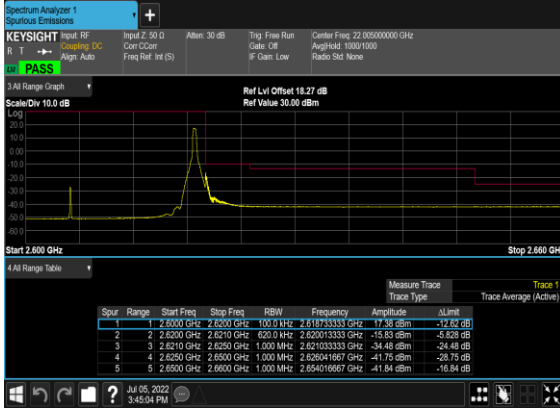
### N38(30M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



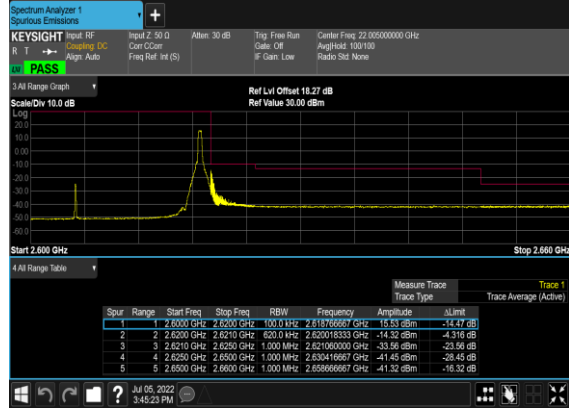
### N38(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



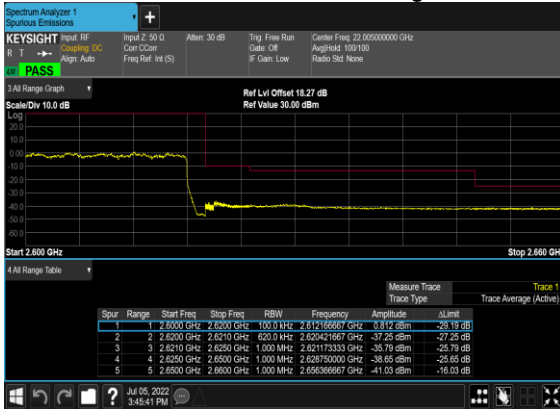
N38(30M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



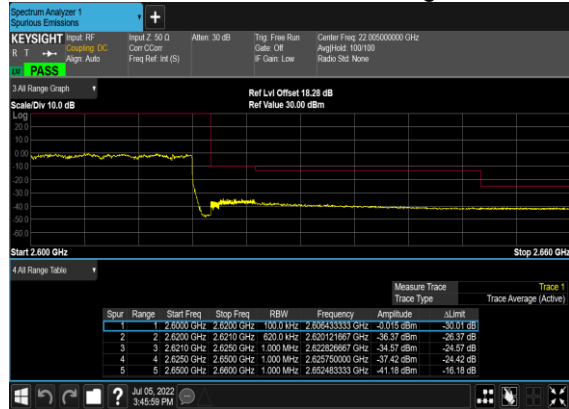
N38(30M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



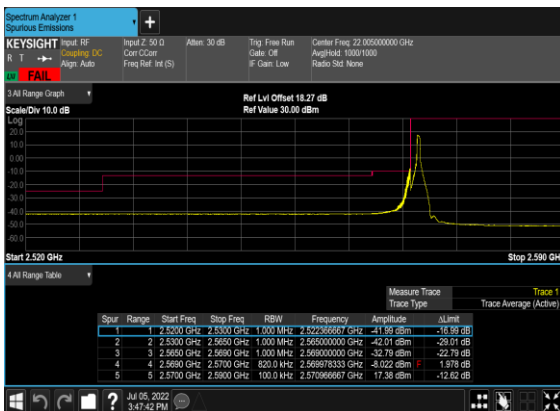
N38(30M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



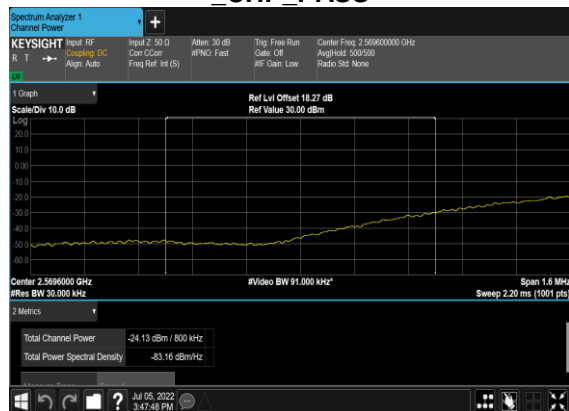
N38(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



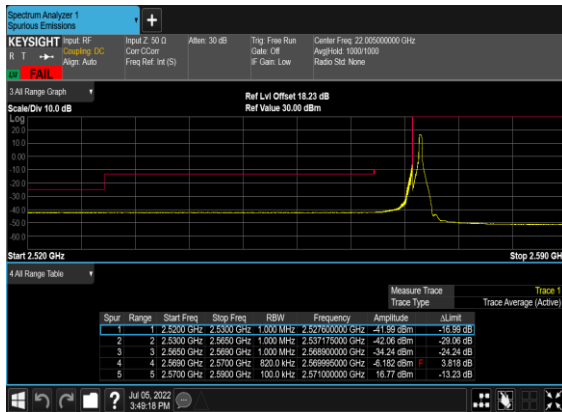
N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH  
\_CHP\_PASS



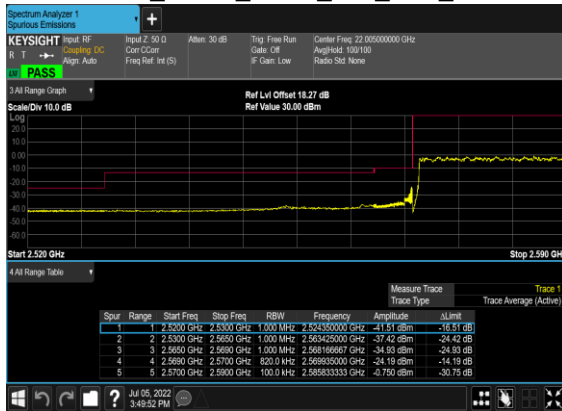
N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



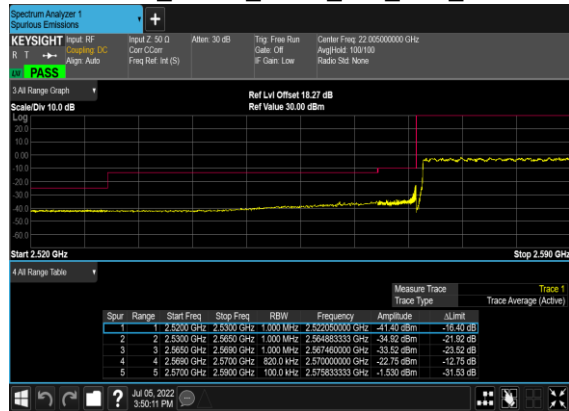
N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH  
 \_CHP\_PASS



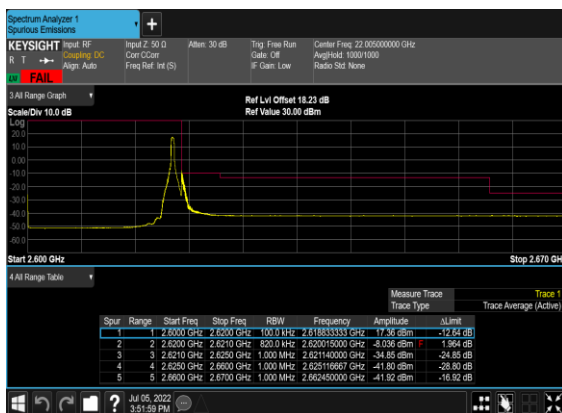
N38(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



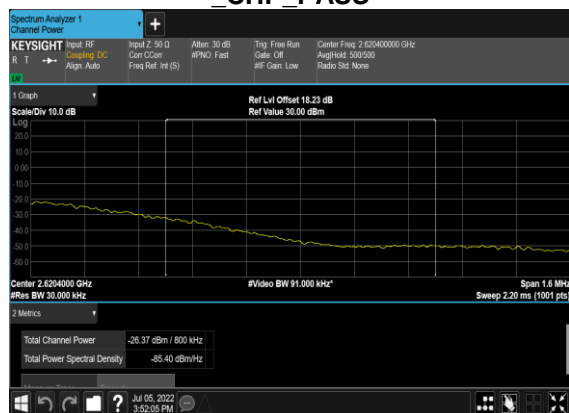
N38(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



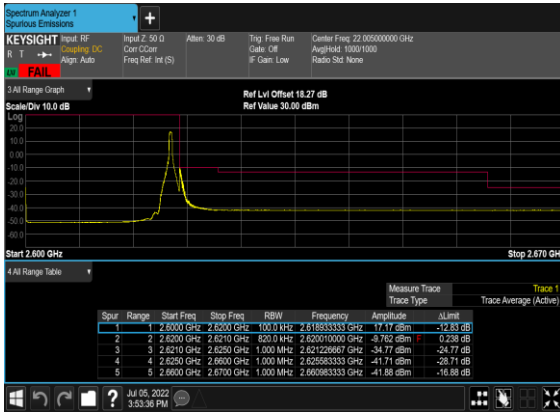
N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



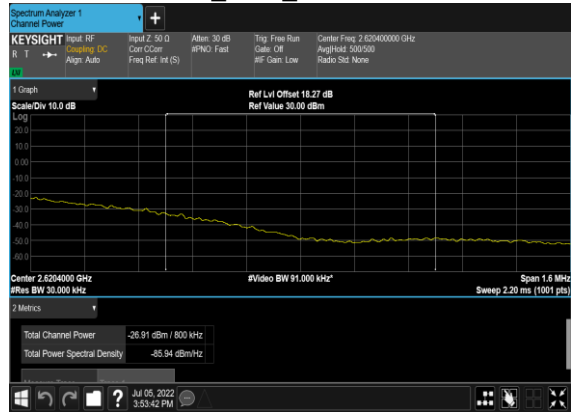
N38(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH  
 \_CHP\_PASS



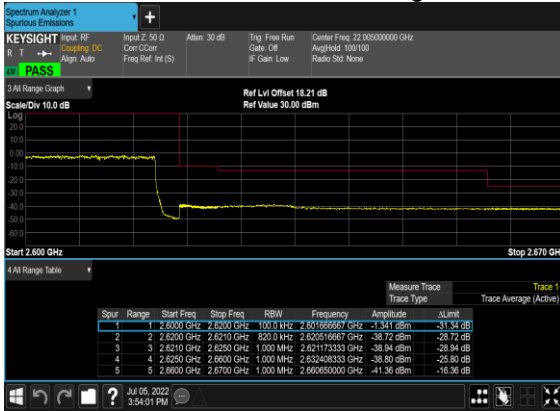
### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



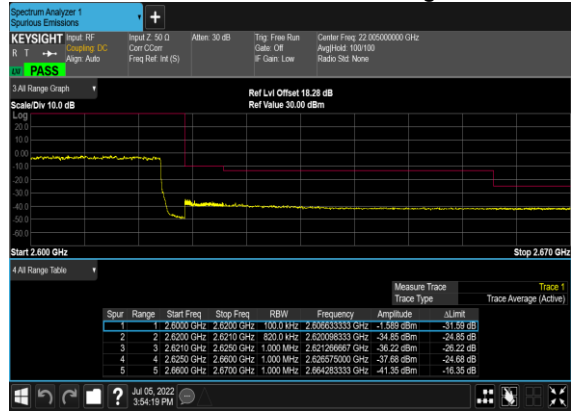
### N38(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



### N38(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N38(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N41(ANT2)

## Transmitter Conducted Output Power and ERP/EIRP, ( $G_T - L_C$ )=0.8dB

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	25.16	25.96	0.3945
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.36	25.16	0.3281
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.55	25.35	0.3428
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.69	24.49	0.2812
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.71	25.51	0.3556
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.97	24.77	0.2999
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	25.23	26.03	0.4009
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.4	25.2	0.3311
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.81	25.61	0.3639
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24	24.8	0.3020
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.65	25.45	0.3508
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.88	24.68	0.2938
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.24	26.04	0.4018
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.69	25.49	0.3540
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.9	25.7	0.3715
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.17	24.97	0.3141
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	24.52	25.32	0.3404
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	23.69	24.49	0.2812
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.09	25.89	0.3882
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.32	25.12	0.3251
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.76	25.56	0.3597
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.07	24.87	0.3069
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.28	25.08	0.3221
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.4	24.2	0.2630
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.04	25.84	0.3837
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.3	25.1	0.3236
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.71	25.51	0.3556
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.83	24.63	0.2904
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.18	24.98	0.3148
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	23.45	24.25	0.2661

41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@1	24.9	25.7	0.3715
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@1	24.13	24.93	0.3112
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.58	25.38	0.3451
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.74	24.54	0.2844
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@1	24.16	24.96	0.3133
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@1	23.38	24.18	0.2618
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.11	25.91	0.3899
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.12	24.92	0.3105
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.01	25.81	0.3811
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.61	24.41	0.2761
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.1	24.9	0.3090
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.33	24.13	0.2588
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.17	25.97	0.3954
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.21	25.01	0.3170
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.58	25.38	0.3451
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.66	24.46	0.2793
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	23.92	24.72	0.2965
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.22	24.02	0.2523
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.54	26.34	0.4305
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.64	26.44	0.4406
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.32	26.12	0.4093
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.53	26.33	0.4295
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.21	26.01	0.3990
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.35	26.15	0.4121
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.55	25.35	0.3428
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.81	25.61	0.3639
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.53	25.33	0.3412
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.06	23.86	0.2432
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.16	23.96	0.2489
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	22.83	23.63	0.2307
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.05	21.85	0.1531
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.05	21.85	0.1531
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	20.58	21.38	0.1374
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24	24.8	0.3020
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.1	24.9	0.3090
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	23.77	24.57	0.2864

41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.49	26.29	0.4256
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.49	26.29	0.4256
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.48	26.28	0.4246
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.52	26.32	0.4285
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.61	26.41	0.4375
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.37	26.17	0.4140
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.5	25.3	0.3388
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.64	25.44	0.3499
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.6	25.4	0.3467
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	22.93	23.73	0.2360
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.03	23.83	0.2415
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	22.85	23.65	0.2317
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.01	21.81	0.1517
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.88	21.68	0.1472
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	20.83	21.63	0.1455
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.97	24.77	0.2999
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.07	24.87	0.3069
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.89	24.69	0.2944
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.55	26.35	0.4315
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.61	26.41	0.4375
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.62	26.42	0.4385
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.56	26.36	0.4325
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.63	26.43	0.4395
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.58	26.38	0.4345
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.55	25.35	0.3428
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.75	25.55	0.3589
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.57	25.37	0.3443
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.03	23.83	0.2415
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.1	23.9	0.2455
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	22.97	23.77	0.2382
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.03	21.83	0.1524
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.02	21.82	0.1521
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	20.82	21.62	0.1452
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.05	24.85	0.3055
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.12	24.92	0.3105
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.01	24.81	0.3027

## Frequency Stability

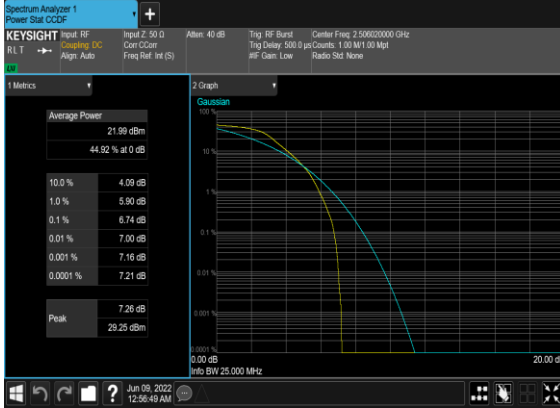
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00249	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00209	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00145	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00157	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00105	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00184	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00161	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00197	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00254	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00228	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00162	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00182	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	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	6.74	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	7.83	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	7.88	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	8.2	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	6.94	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	7.5	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.01	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	8.1	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	6.9	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	8.24	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	7.93	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	8.62	13	PASS

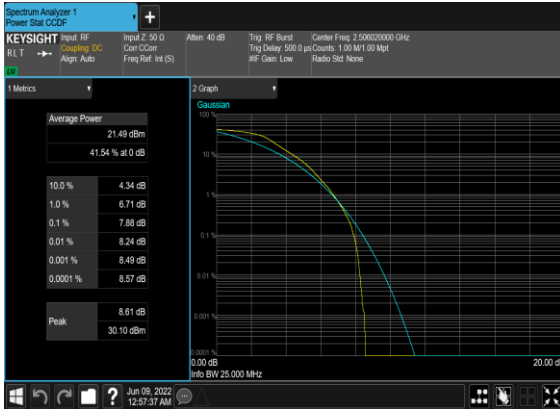
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



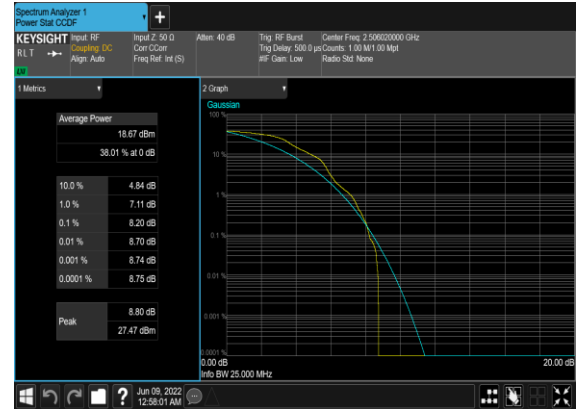
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



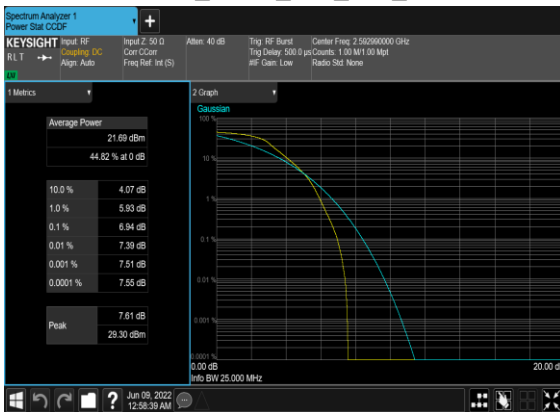
N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



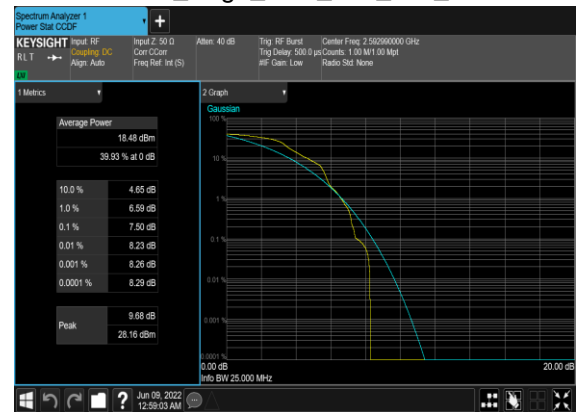
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



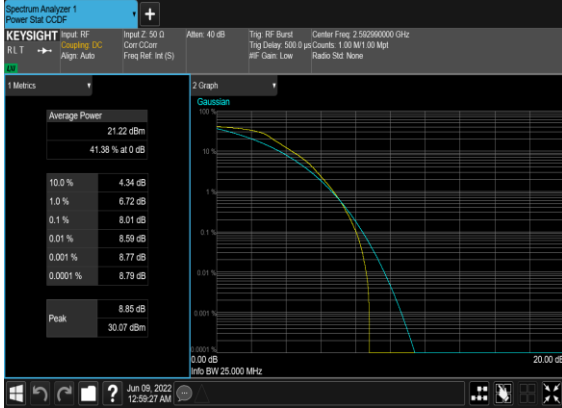
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



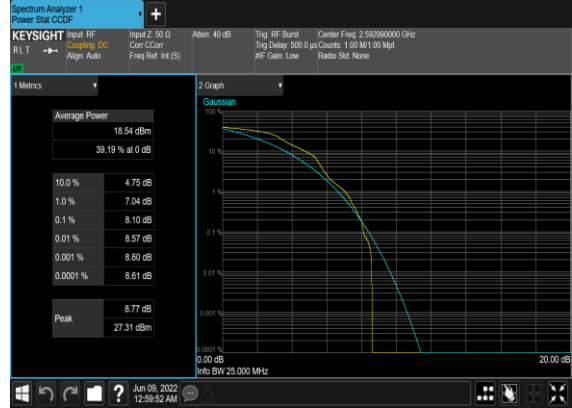
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



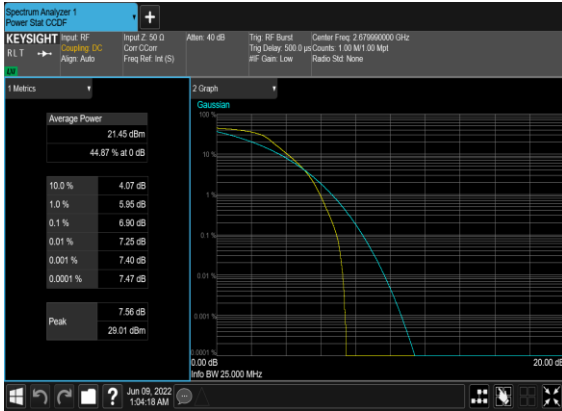
N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



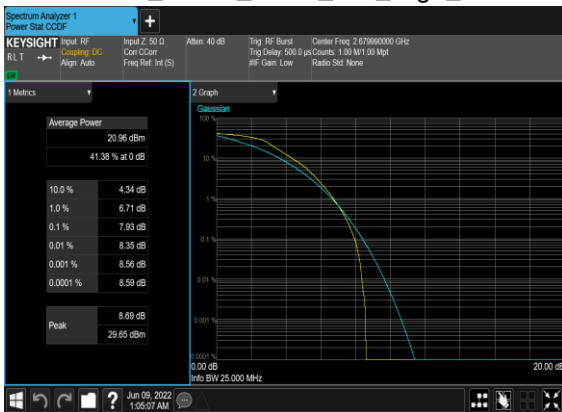
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N41(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)
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.868	18.97
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.868	19.32
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.196	19.47
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.264	19.7
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.254	19.55
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.185	19.55
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.727	28.02
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.811	28.09
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.889	29.19
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.888	29.22
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.873	29.12
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.796	29.13
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.733	37.21
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.712	37.39
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.844	39.3
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.812	39.46
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.815	39.33
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.87	39.64
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.737	47.37
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.794	47.31
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.45	49.12
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.431	49.3
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.537	49.17
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.496	49.19
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.905	59.92

41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.864	59.88
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.746	59.79
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.846	59.96
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.809	59.87
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.739	59.75
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	64.325	66.43
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	64.302	66.58
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.557	69.63
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.286	69.59
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.454	69.73
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.507	69.67
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.112	79.82
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.106	79.61
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.395	79.93
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.4	79.98
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.388	80.0
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.385	79.95
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.757	88.55
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.695	88.56
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.33	90.35
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.288	90.39
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.437	90.29
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.485	90.35
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.444	99.54
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.471	99.44
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.407	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.652	100.5

41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.328	100.6
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.59	100.7