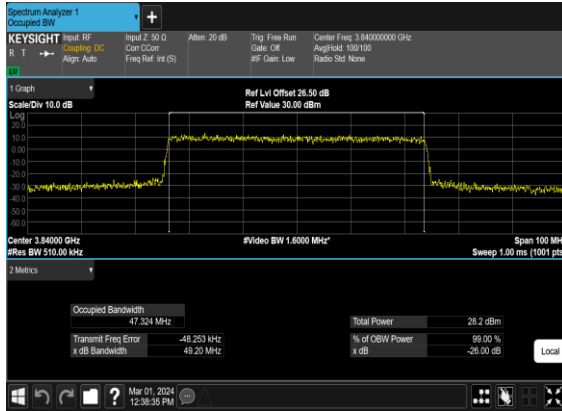
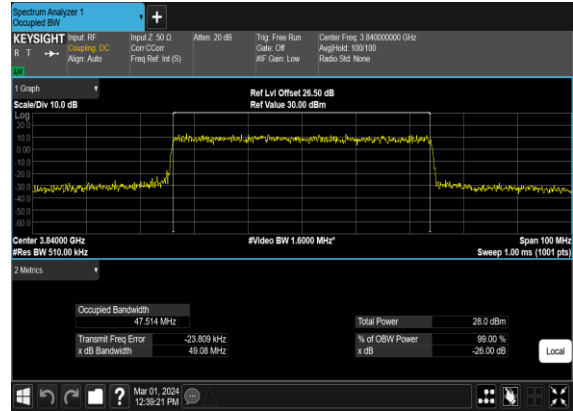


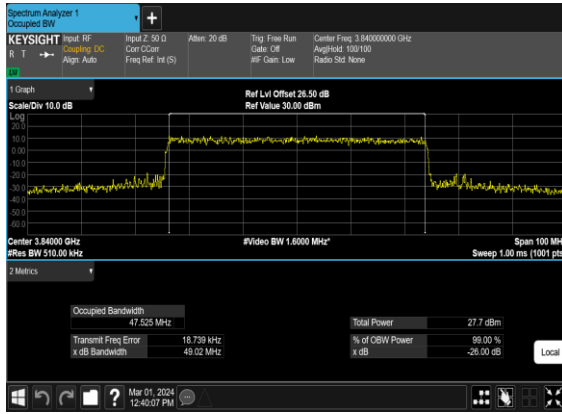
### B13\_N77(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



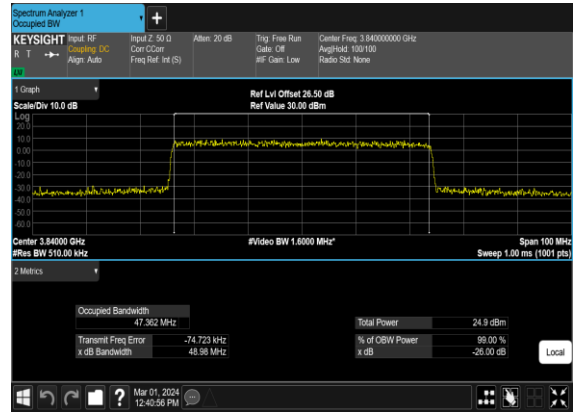
### B13\_N77(50M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



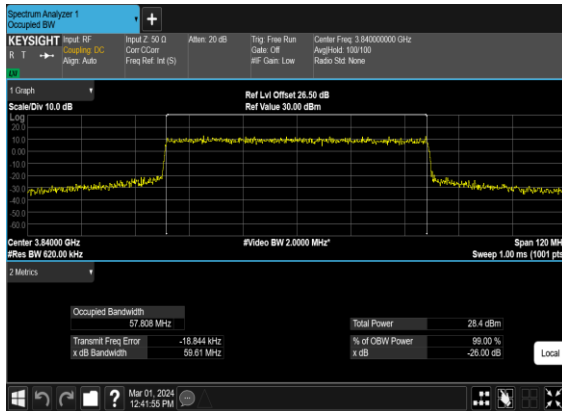
### B13\_N77(50M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



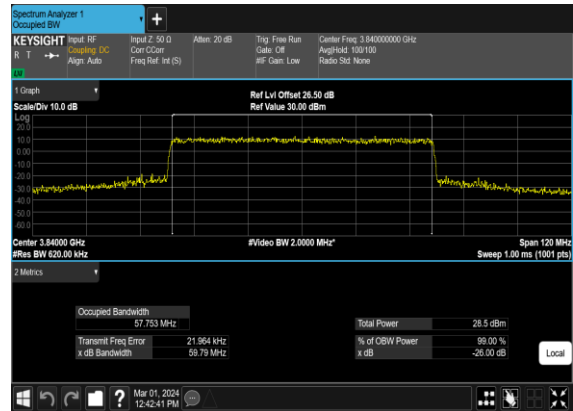
### B13\_N77(50M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



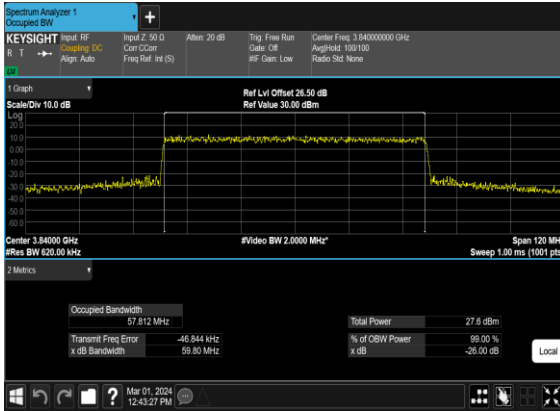
### B13\_N77(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



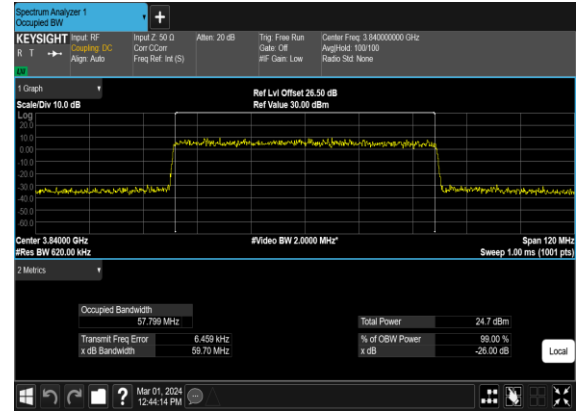
### B13\_N77(60M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



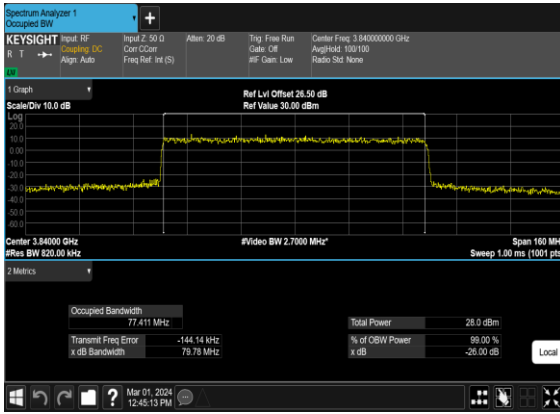
B13\_N77(60M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B13\_N77(60M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



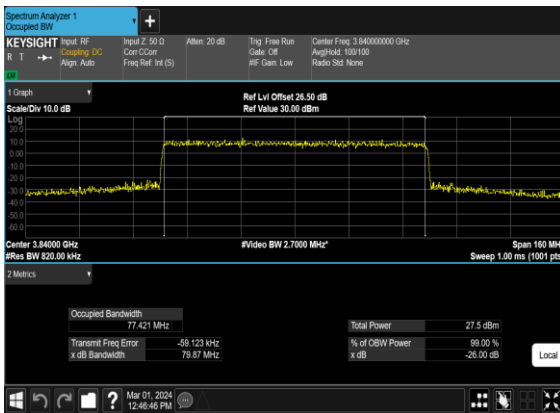
B13\_N77(80M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



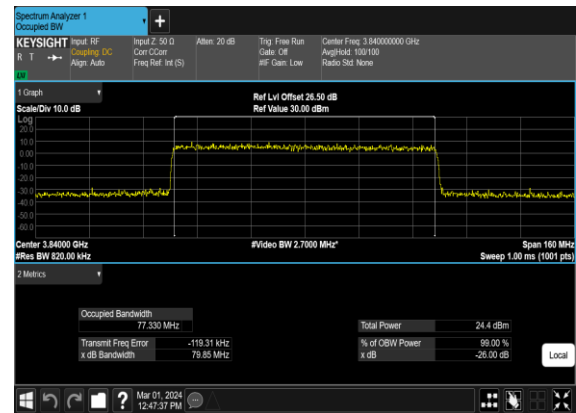
B13\_N77(80M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



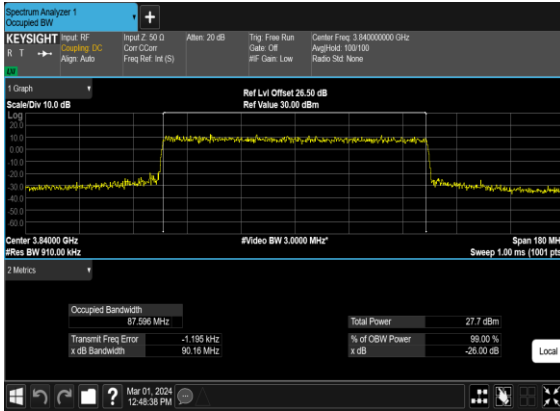
B13\_N77(80M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B13\_N77(80M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



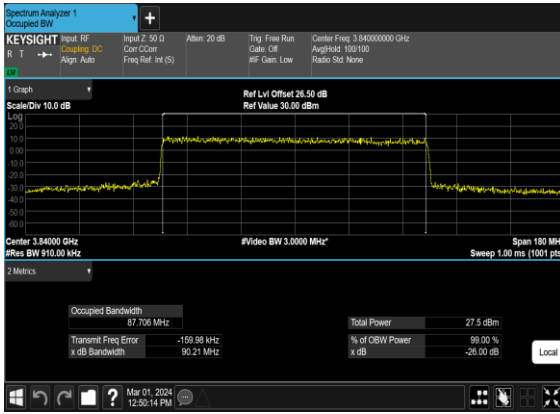
B13\_N77(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



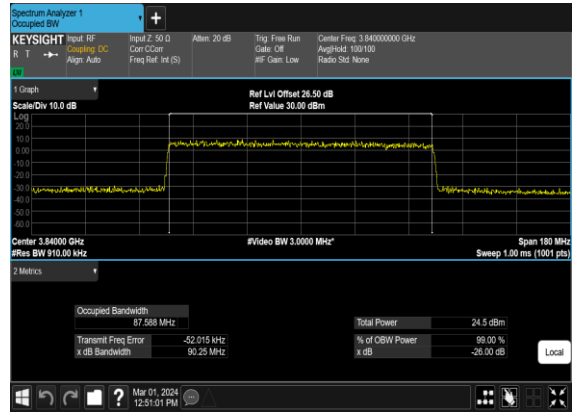
B13\_N77(90M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



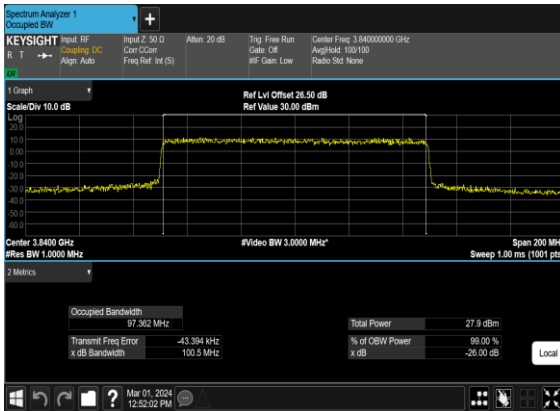
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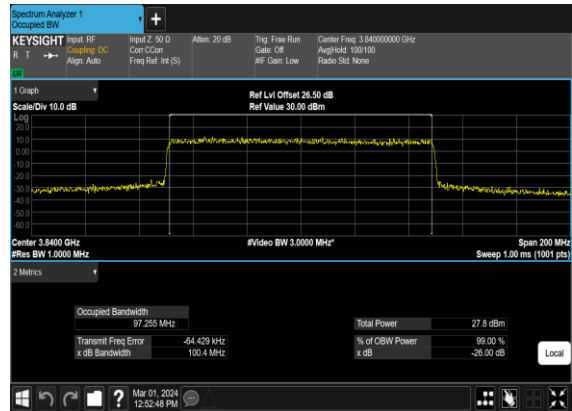
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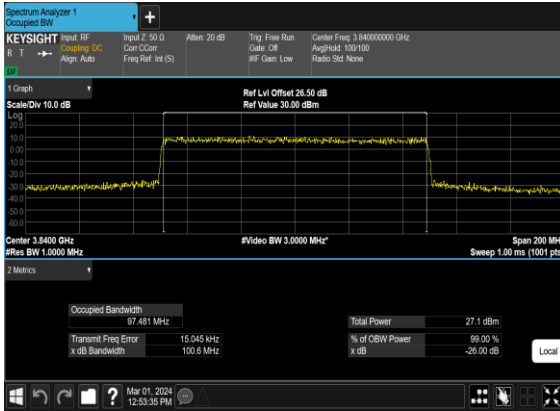
B13\_N77(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



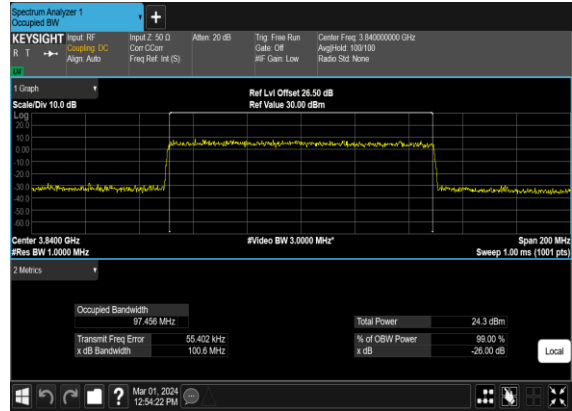
B13\_N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### B13\_N77(100M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### B13\_N77(100M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

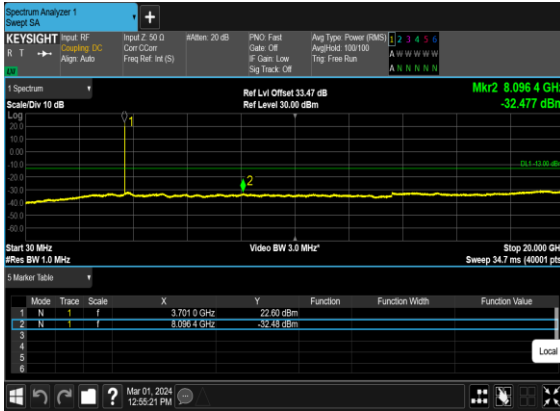


## Conducted Spurious Emissions

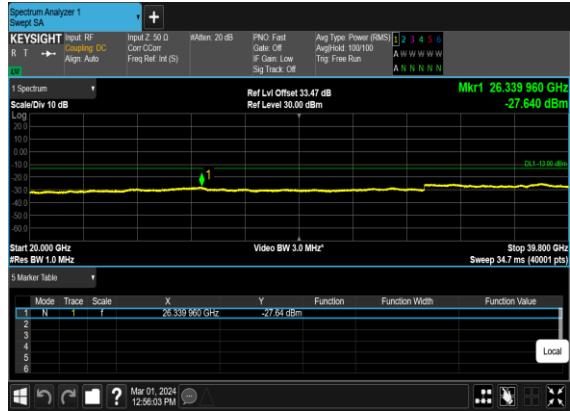
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS

77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

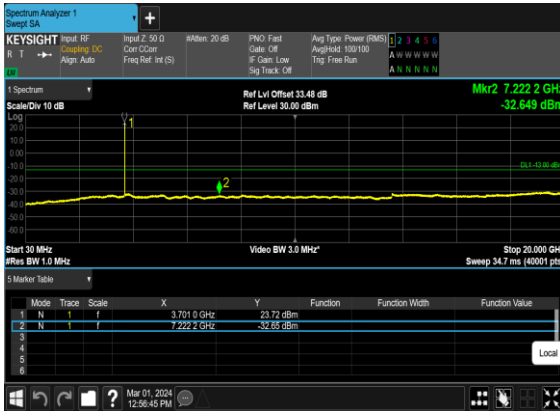
### B13\_N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



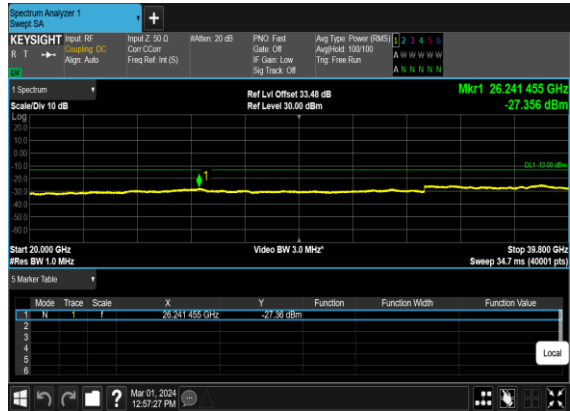
### B13\_N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



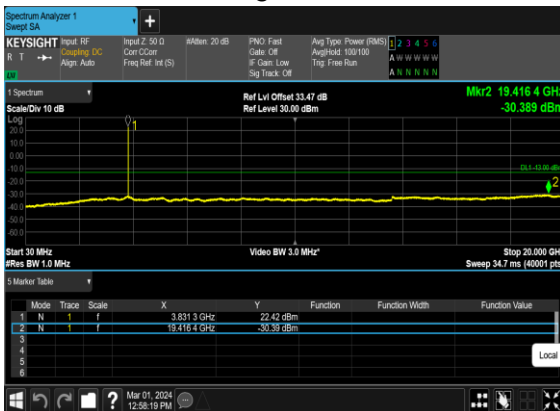
### B13\_N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



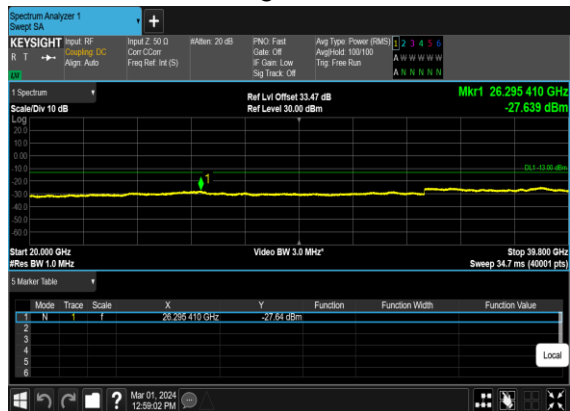
### B13\_N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



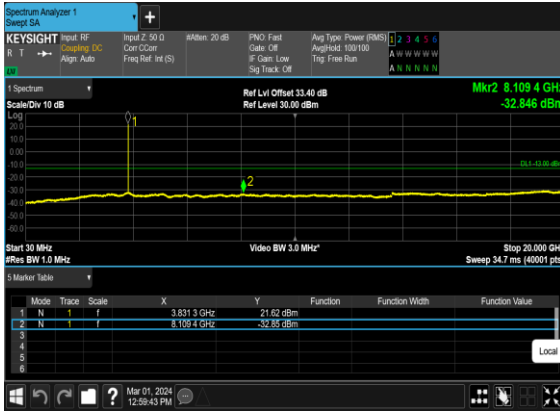
### B13\_N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



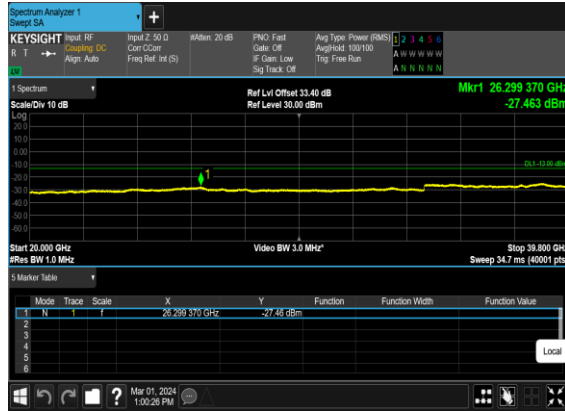
### B13\_N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



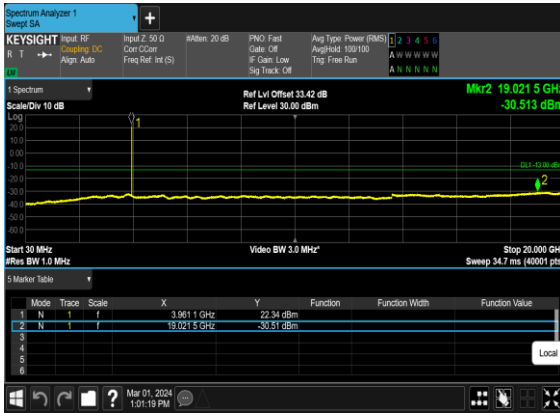
B13\_N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



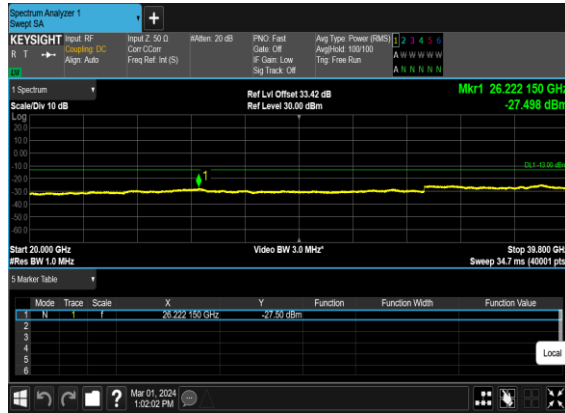
B13\_N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B13\_N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



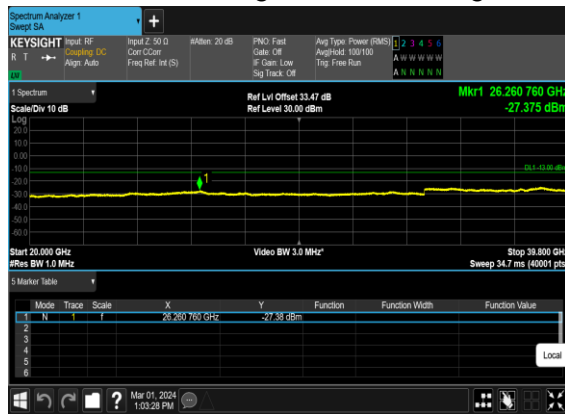
B13\_N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B13\_N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

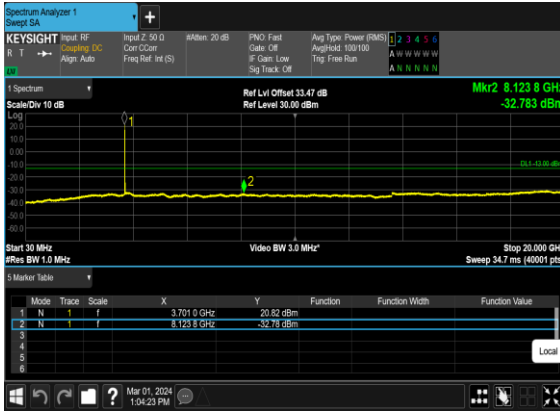


B13\_N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

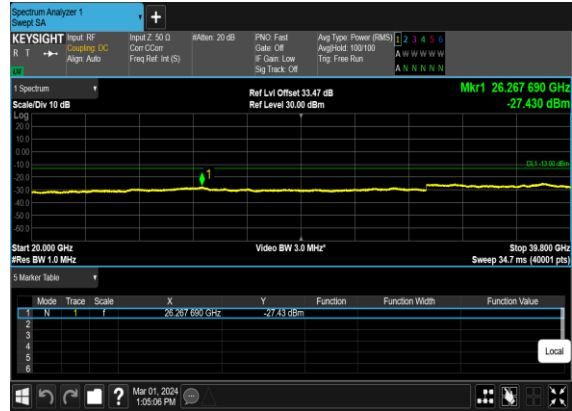




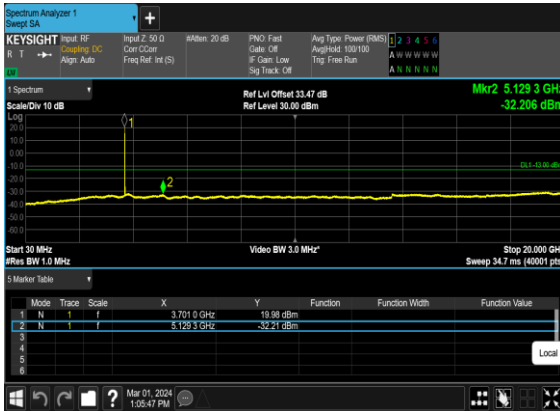
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



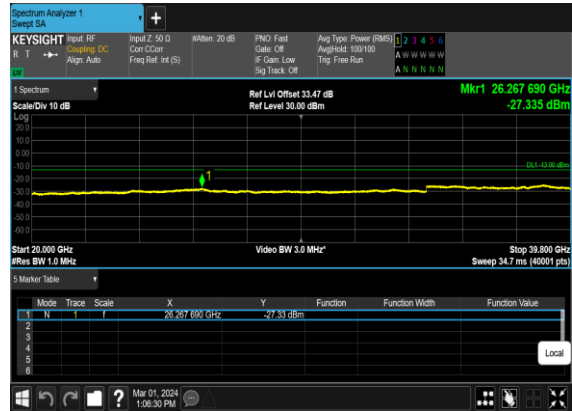
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



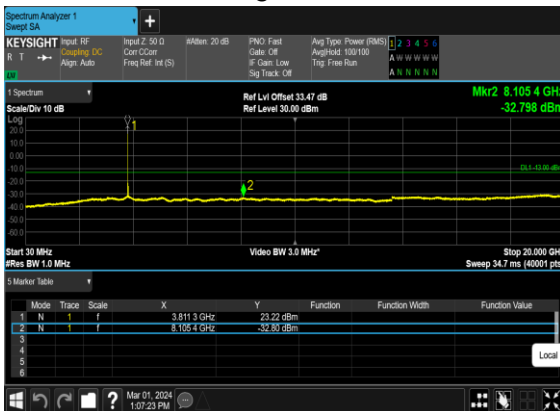
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



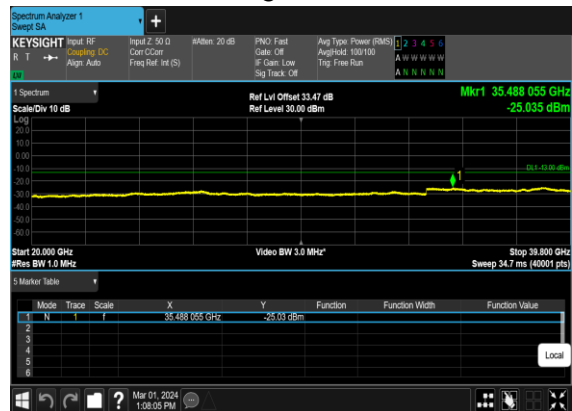
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



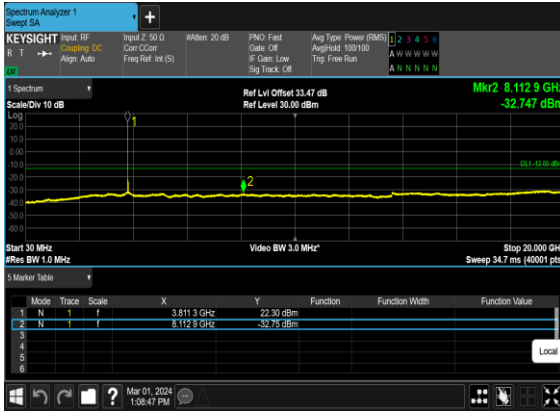
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



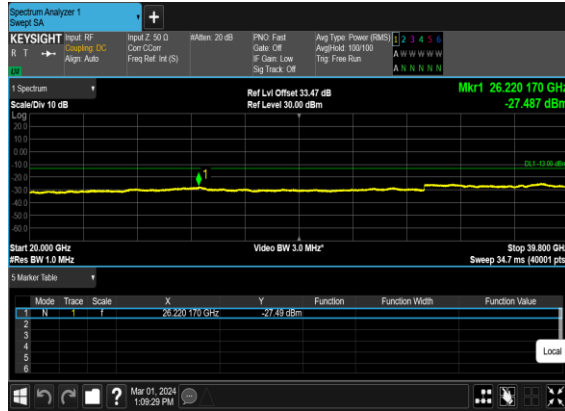
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



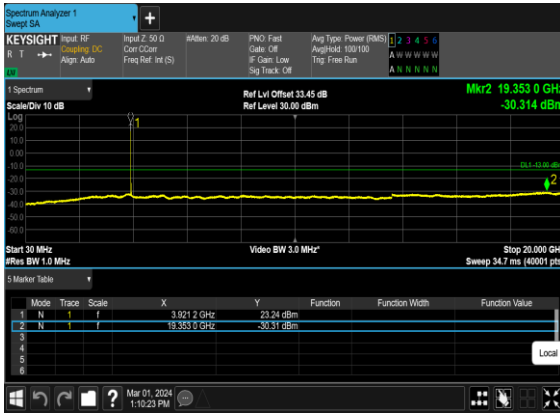
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



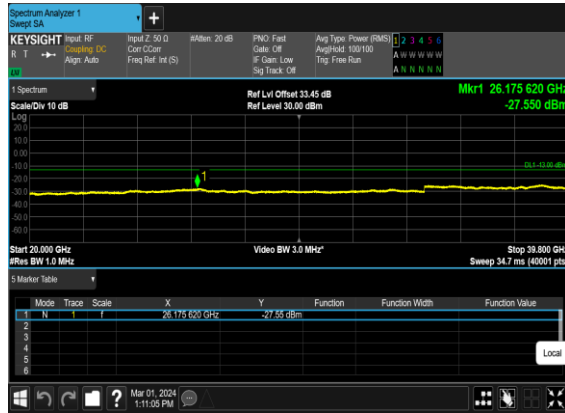
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



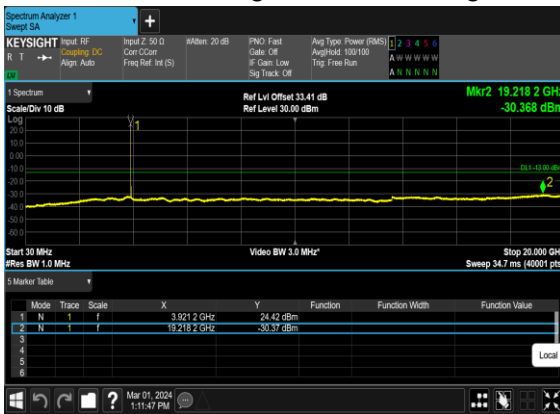
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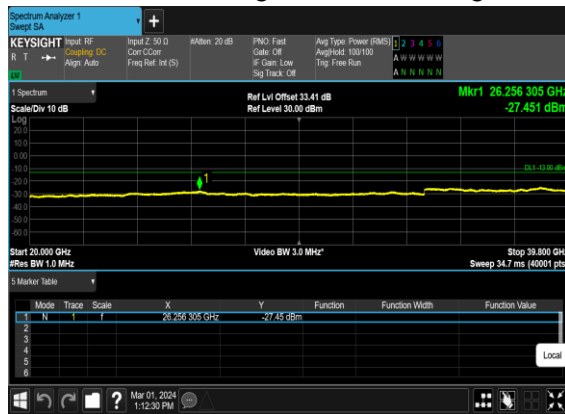
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



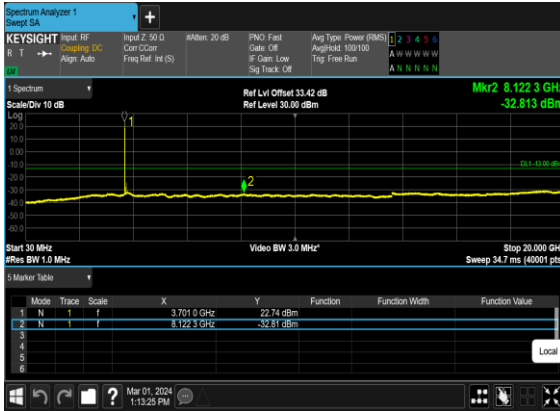
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



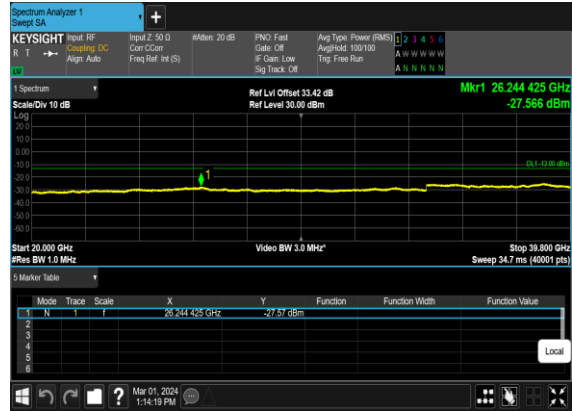
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



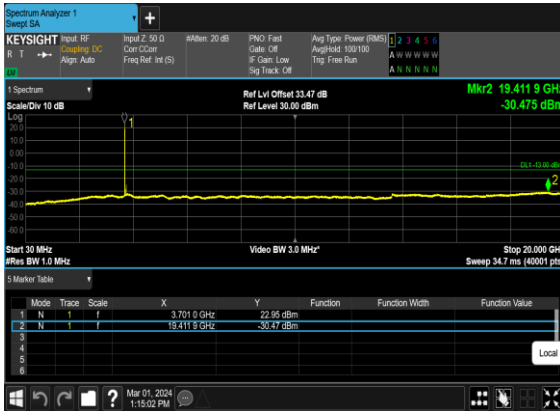
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



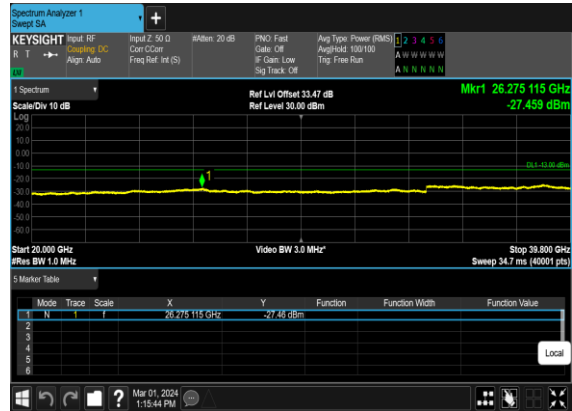
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



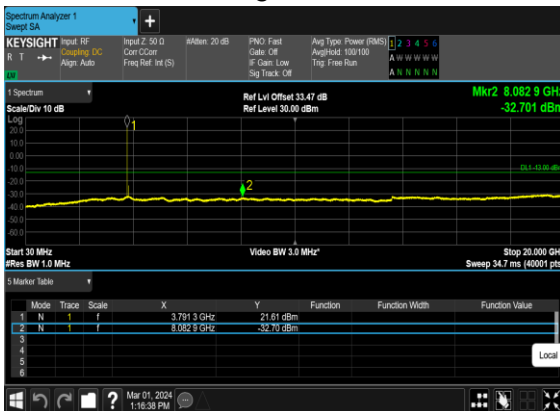
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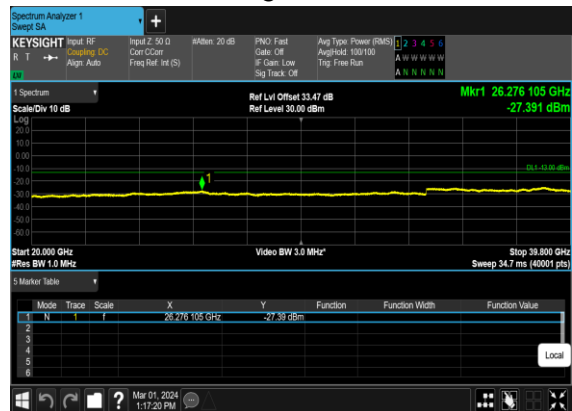
B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



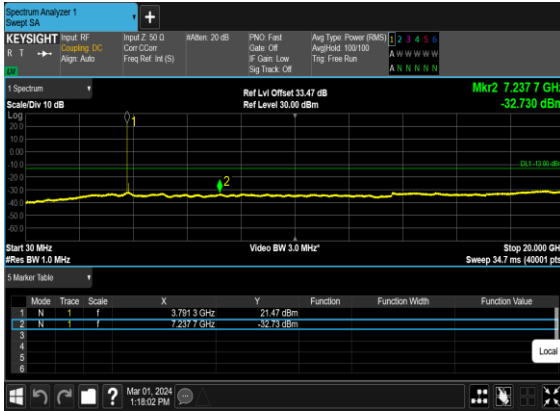
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



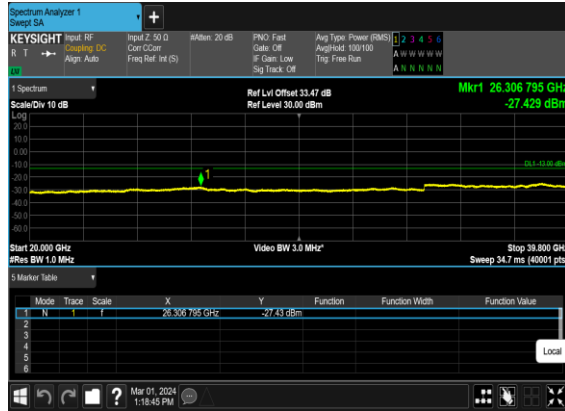
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



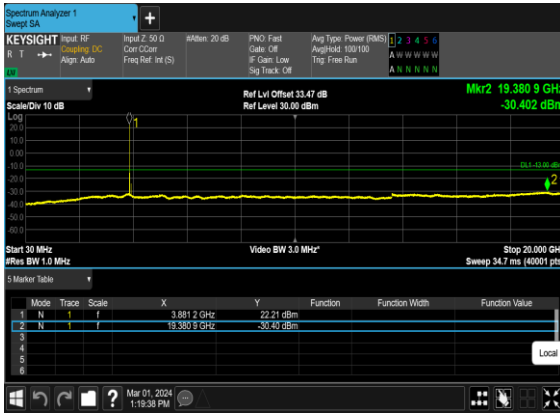
B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



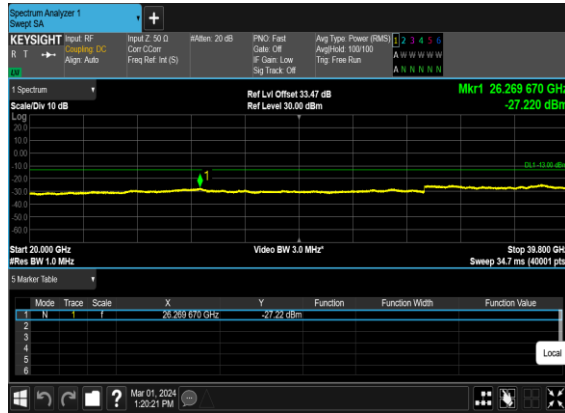
B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



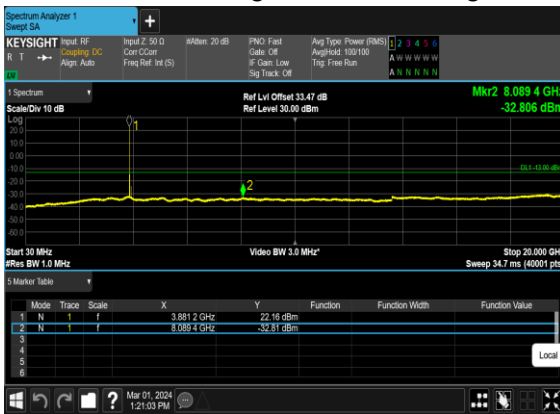
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



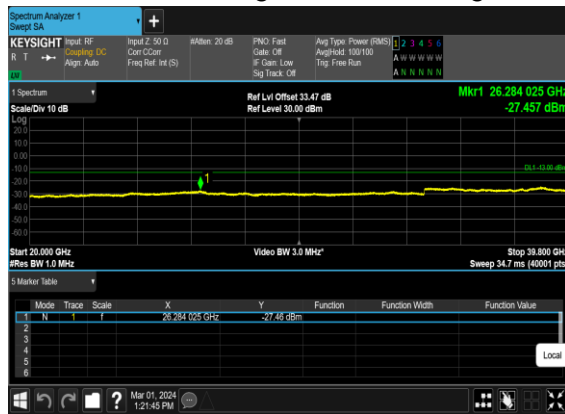
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



B13\_N77(100M)\_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
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

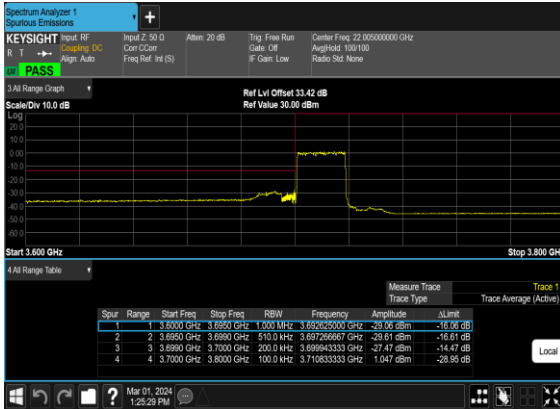
B13\_N77(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



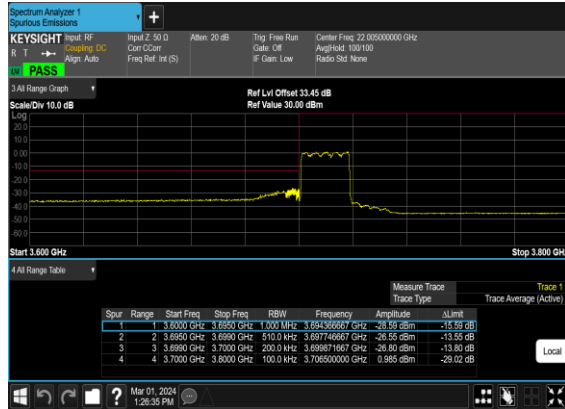
B13\_N77(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



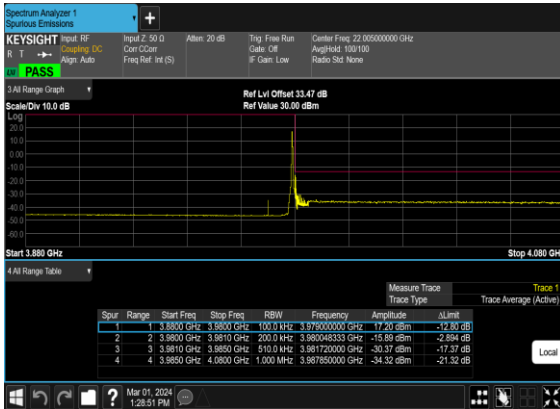
B13\_N77(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



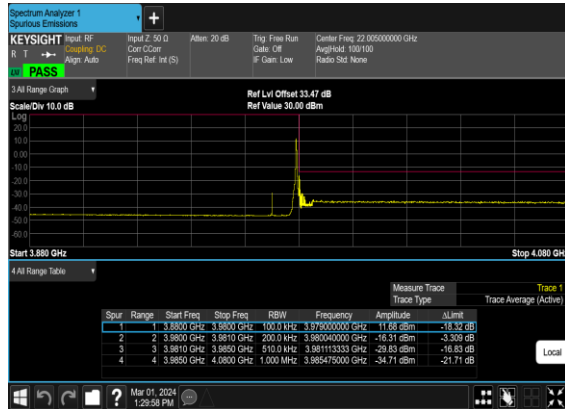
B13\_N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



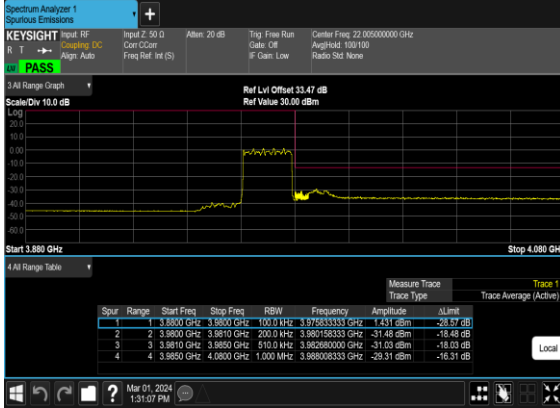
B13\_N77(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



B13\_N77(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



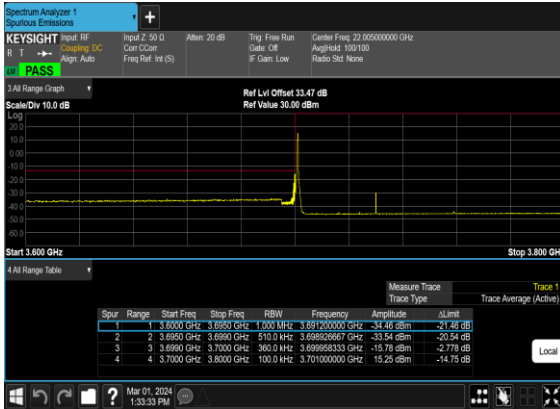
B13\_N77(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



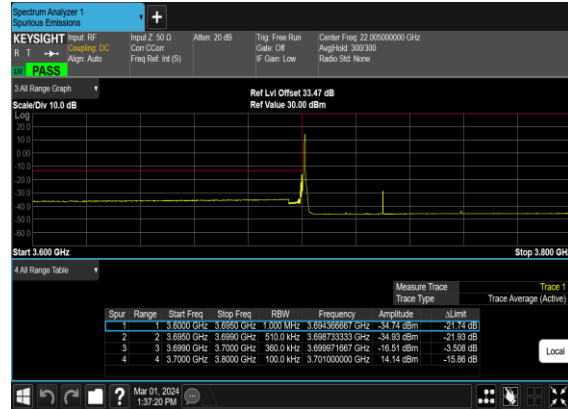
B13\_N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



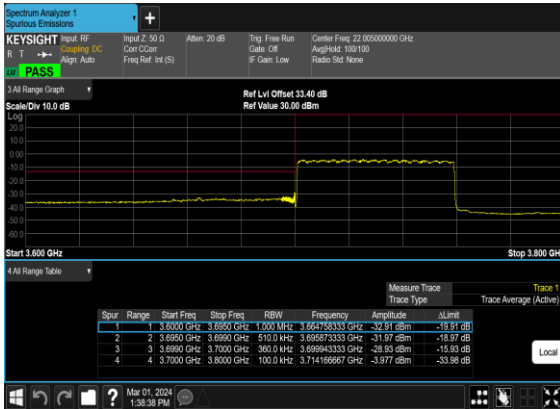
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



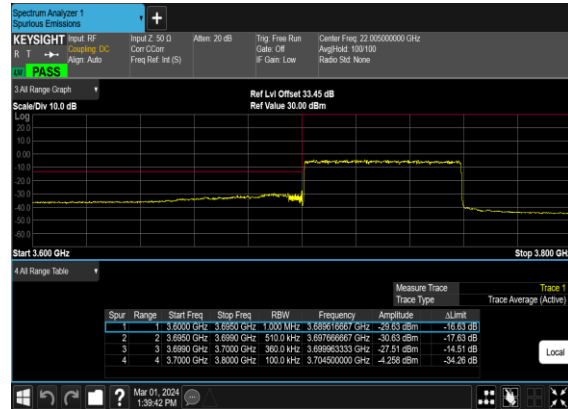
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



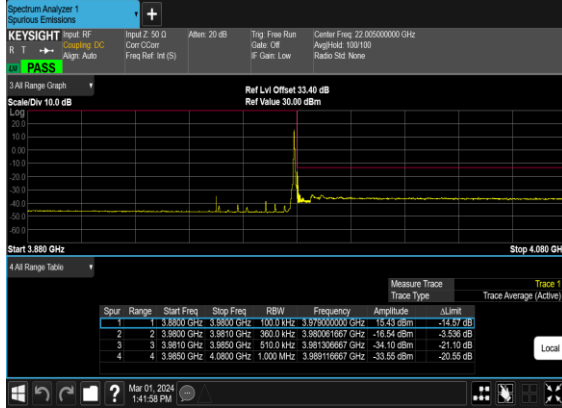
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



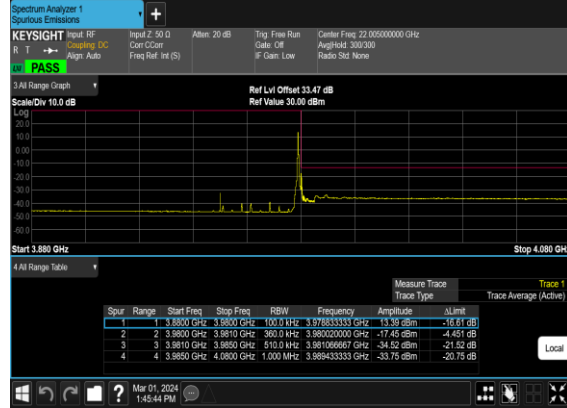
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



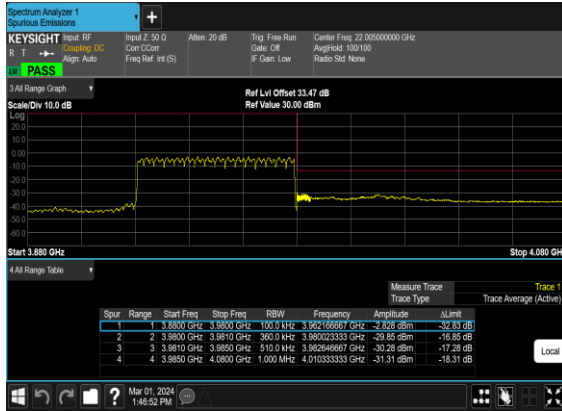
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



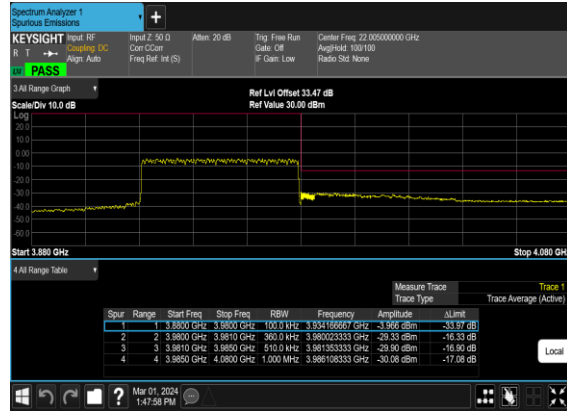
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



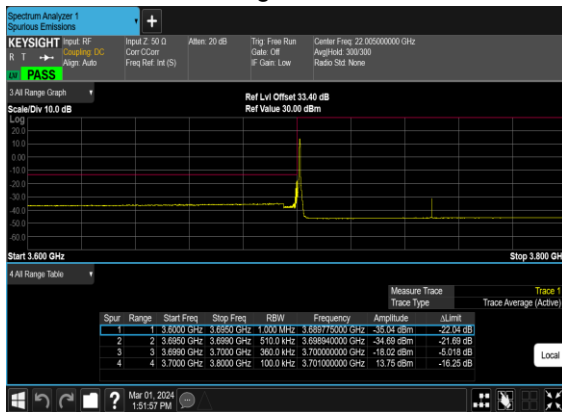
B13\_N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



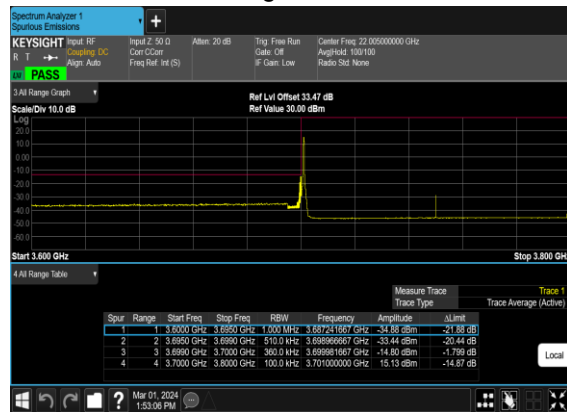
B13\_N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

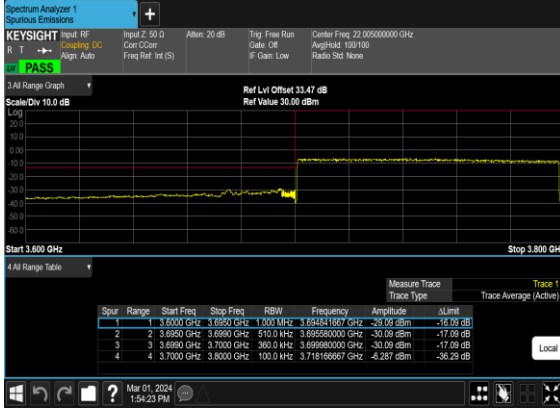


B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

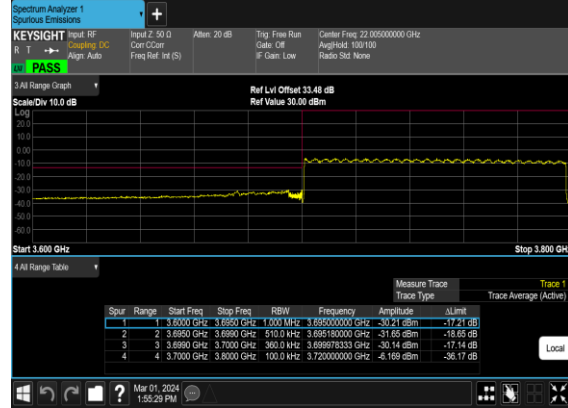




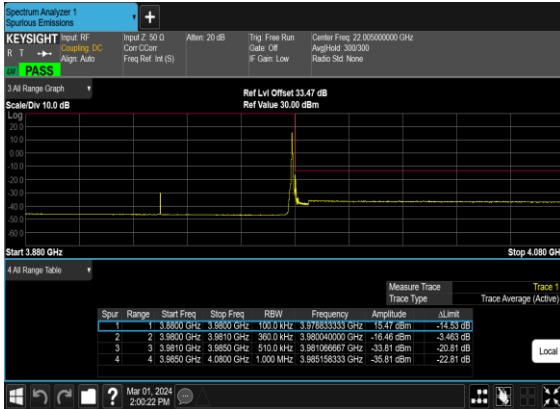
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



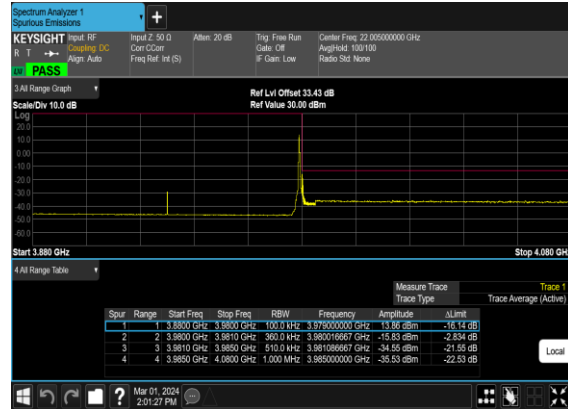
B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



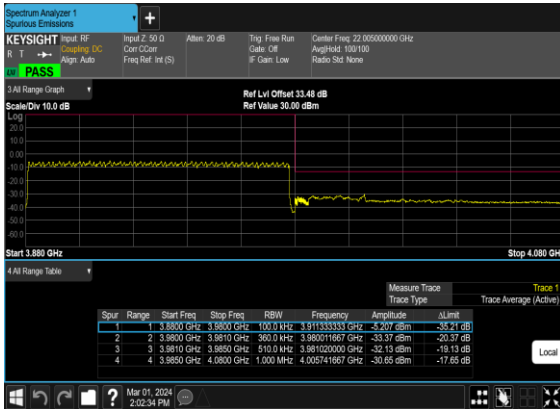
B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



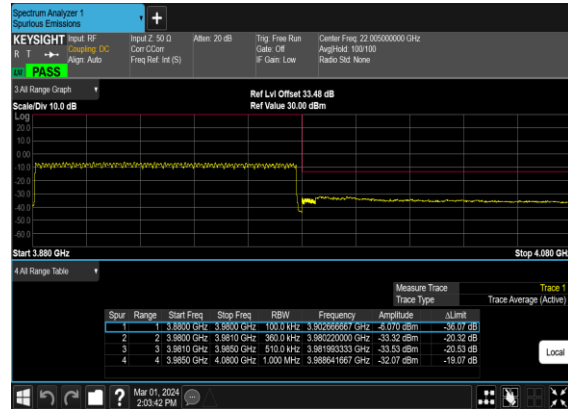
B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B13\_N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



B13\_N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N78(ANT2)

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)= 2.59dB

NR Band	SCS	Band Width	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power (dBm)	EIRP(dBm)	EIRP(W)
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.42	29.01	0.7962
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.81	29.4	0.8710
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.81	29.4	0.8710
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.47	29.06	0.8054
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.76	29.35	0.8610
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.79	29.38	0.8670
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.37	27.96	0.6252
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.79	28.38	0.6887
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.79	28.38	0.6887
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.86	26.45	0.4416
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.24	26.83	0.4819
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	24.38	26.97	0.4977
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.82	24.41	0.2761
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.29	24.88	0.3076
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	22.37	24.96	0.3133
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.92	27.51	0.5636
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.46	28.05	0.6383
78	30	100	650000	3750	CP-OFDM QPSK	1@271	25.31	27.9	0.6166
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	24.34	26.93	0.4932
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	24.32	26.91	0.4909
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	23.3	25.89	0.3882
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.67	29.26	0.8433
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.78	29.37	0.8650
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.85	28.44	0.6982
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	24.6	27.19	0.5236
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	24.58	27.17	0.5212
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	23.53	26.12	0.4093
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	24.32	26.91	0.4909
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	24.37	26.96	0.4966
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	23.42	26.01	0.3990
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.80	29.39	0.8690
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.77	29.36	0.8630
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.02	28.61	0.7261
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	24.46	27.05	0.5070
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	24.45	27.04	0.5058
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	23.31	25.9	0.3890
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	24.46	27.05	0.5070
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	24.35	26.94	0.4943
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	23.38	25.97	0.3954

78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.55	29.14	0.8204
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.74	29.33	0.8570
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.01	28.6	0.7244
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	23.63	26.22	0.4188
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	23.67	26.26	0.4227
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	22.52	25.11	0.3243
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	24.39	26.98	0.4989
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	24.35	26.94	0.4943
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	23.37	25.96	0.3945
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.65	29.24	0.8395
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.41	29	0.7943
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.82	28.41	0.6934
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	23.44	26.03	0.4009
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	23.45	26.04	0.4018
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	22.48	25.07	0.3214
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	24.37	26.96	0.4966
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	24.41	27	0.5012
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	23.33	25.92	0.3908
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.46	29.05	0.8035
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	26.32	28.91	0.7780
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.96	28.55	0.7161
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	24.39	26.98	0.4989
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	24.38	26.97	0.4977
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	23.3	25.89	0.3882
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	24.42	27.01	0.5023
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	24.34	26.93	0.4932
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	23.31	25.9	0.3890
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.43	29.02	0.7980
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	26.32	28.91	0.7780
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.92	28.51	0.7096
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.85	28.44	0.6982
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.83	28.42	0.6950
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.87	27.46	0.5572
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	24.3	26.89	0.4887
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	24.32	26.91	0.4909
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	23.29	25.88	0.3873
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.41	29	0.7943
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	26.32	28.91	0.7780
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.74	28.33	0.6808
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	26.65	29.24	0.8395
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	26.77	29.36	0.8630
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	25.91	28.5	0.7079
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.68	28.27	0.6714
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.62	28.21	0.6622
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.7	27.29	0.5358

78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.74	29.33	0.8570
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26.35	28.94	0.7834
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.9	28.49	0.7063
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	26.62	29.21	0.8337
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.68	29.27	0.8453
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	25.82	28.41	0.6934

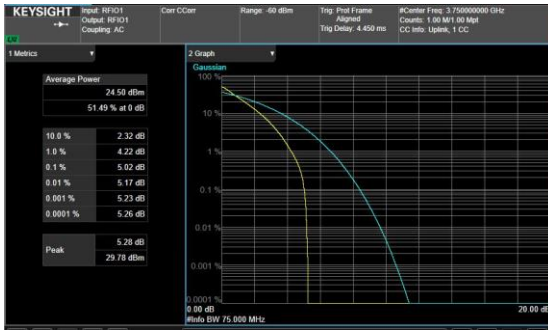
## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	-0.0026	PASS	NV
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0017	PASS	LV
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0032	PASS	HV
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0025	PASS	-30°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0013	PASS	-20°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0007	PASS	-10°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	-0.0052	PASS	0°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0033	PASS	10°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0065	PASS	20°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0022	PASS	30°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	-0.0037	PASS	40°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	-0.0066	PASS	50°C

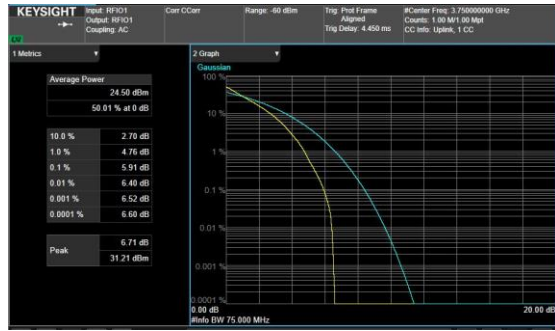
## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	180@0	5.02	13	PASS
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@0	5.91	13	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	6.35	13	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	6.53	13	PASS

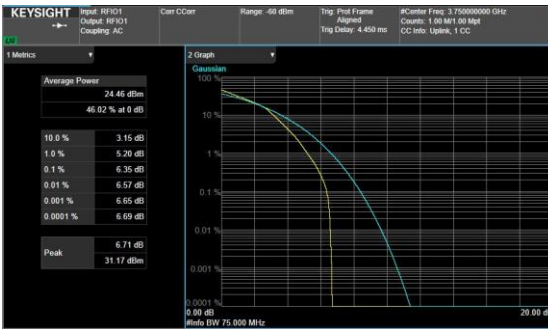
N78(70M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Full\_Mid\_CH



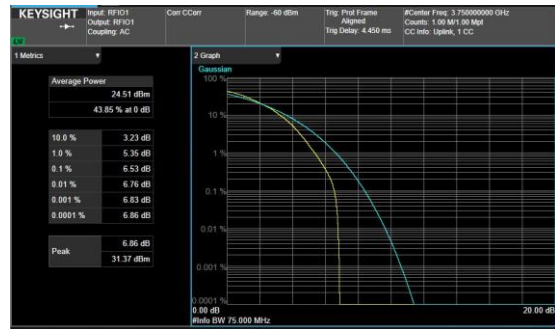
N78(70M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_1RB\_Left\_Mid\_CH



N78(70M)\_DFT-s-  
OFDM\_QPSK\_Full\_Mid\_CH



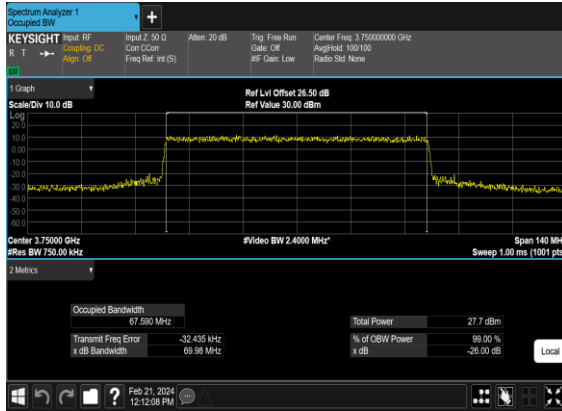
N78(70M)\_DFT-s-  
OFDM\_QPSK\_1RB\_Left\_Mid\_CH



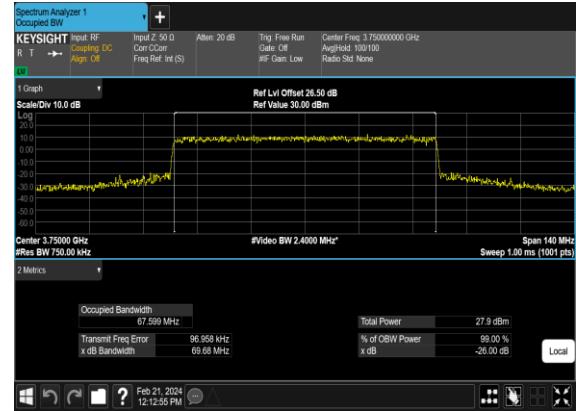
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.59	69.98
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.599	69.68
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.614	69.71
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.371	69.72

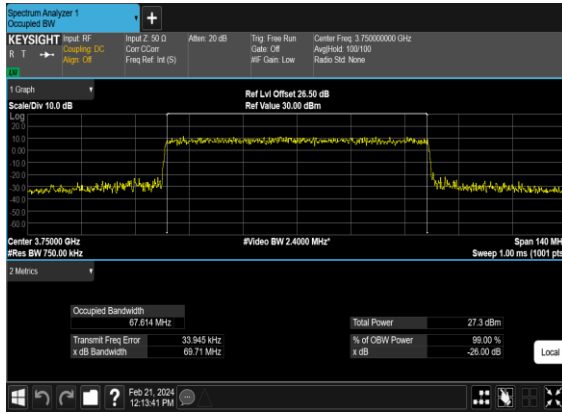
### N78(70M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N78(70M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N78(70M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N78(70M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

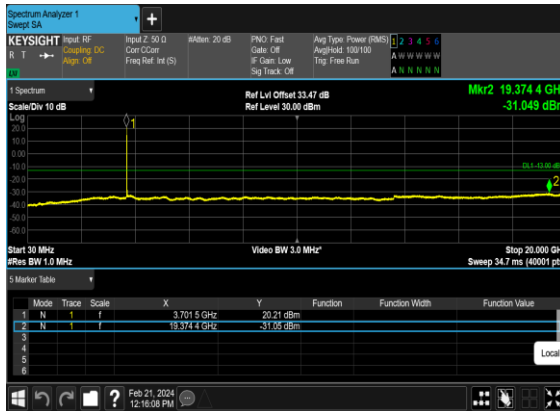




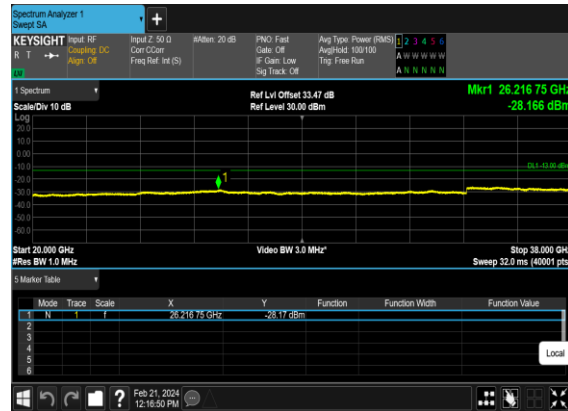
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

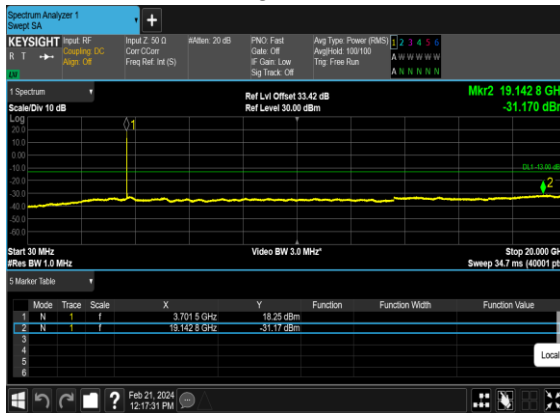
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



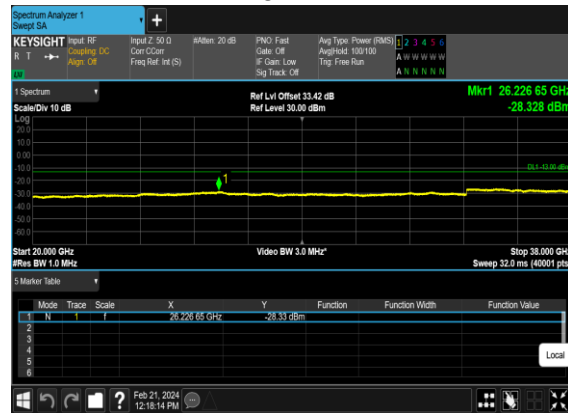
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



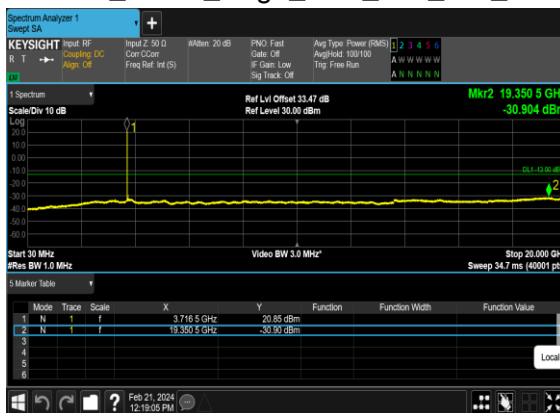
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



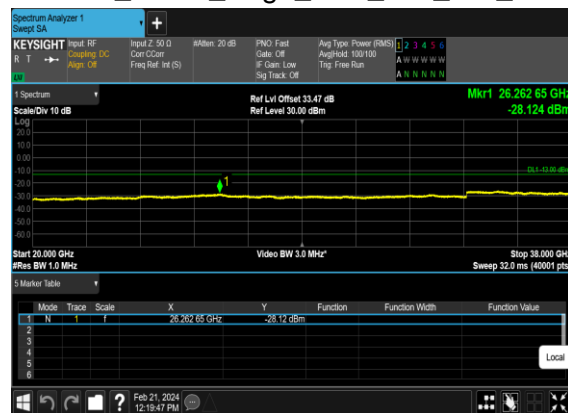
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



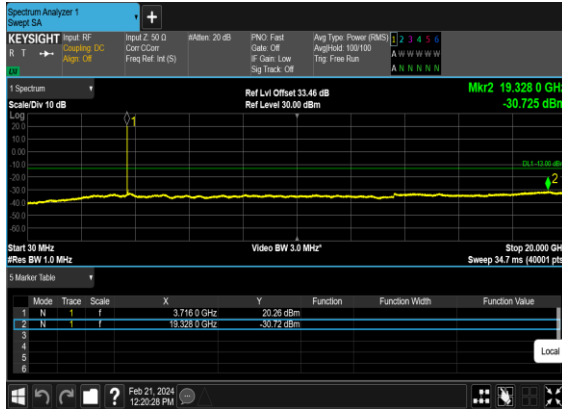
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



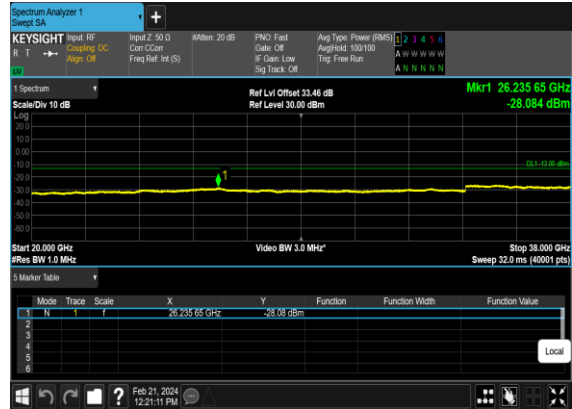
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



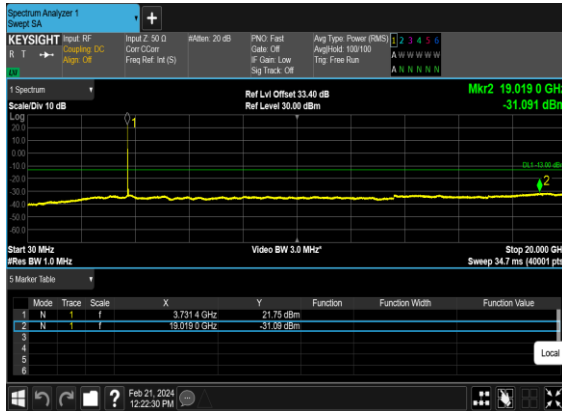
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



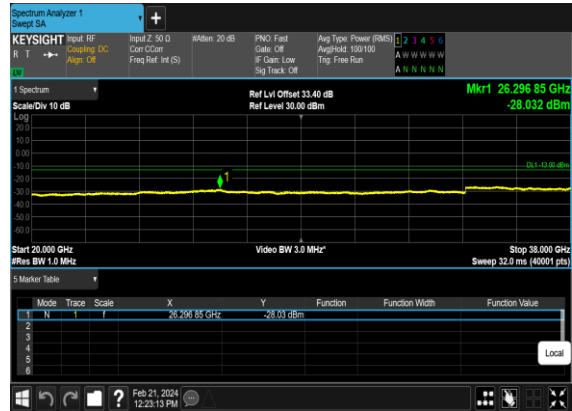
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



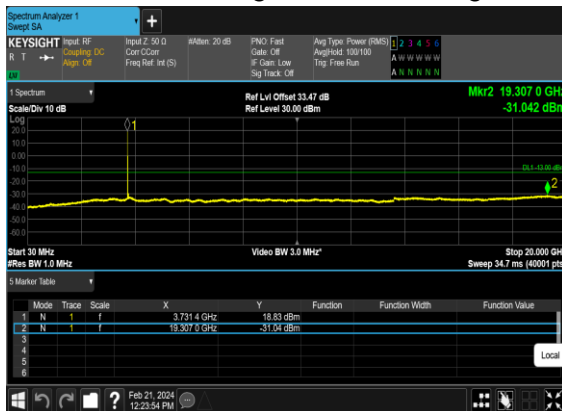
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



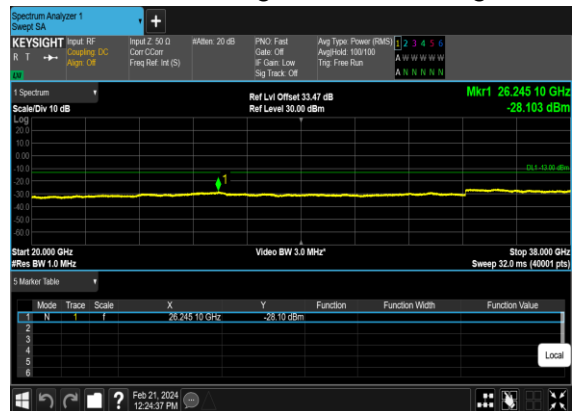
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



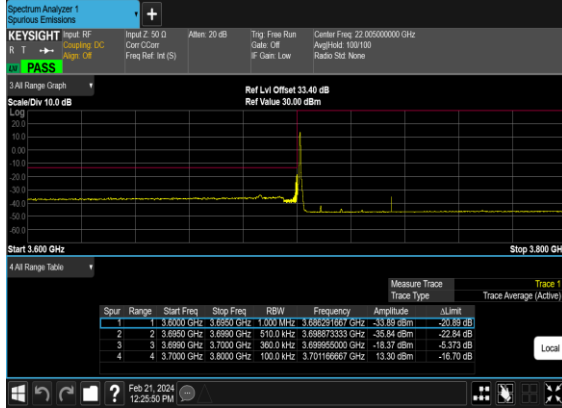
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



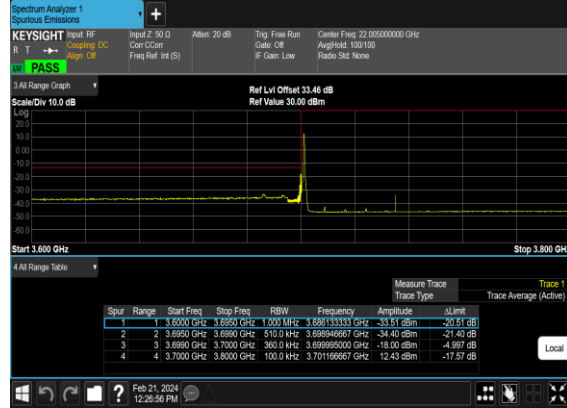
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	180@0	see graph	<b>PASS</b>
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	180@0	see graph	<b>PASS</b>
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@188	see graph	<b>PASS</b>
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@188	see graph	<b>PASS</b>
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	180@0	see graph	<b>PASS</b>
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	180@0	see graph	<b>PASS</b>

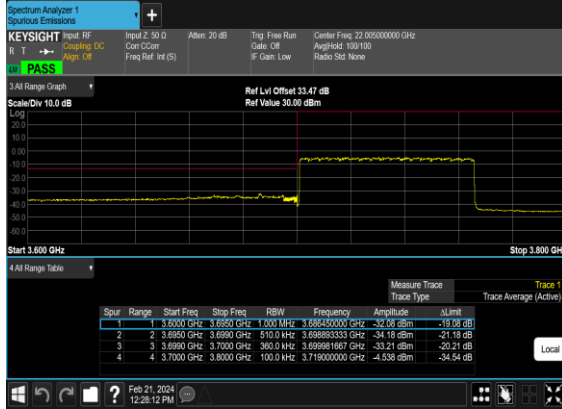
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



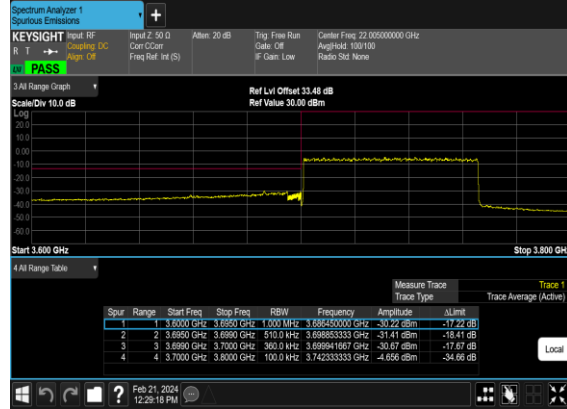
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



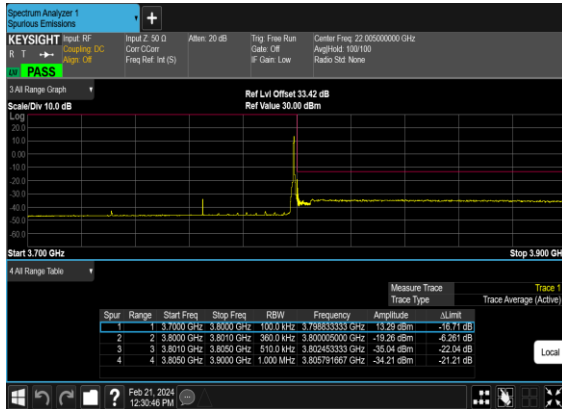
### N78(70M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



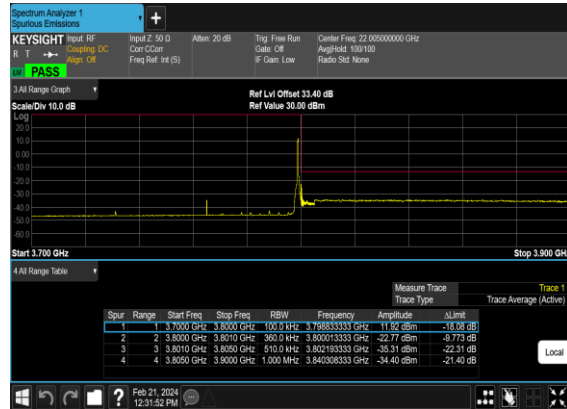
### N78(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



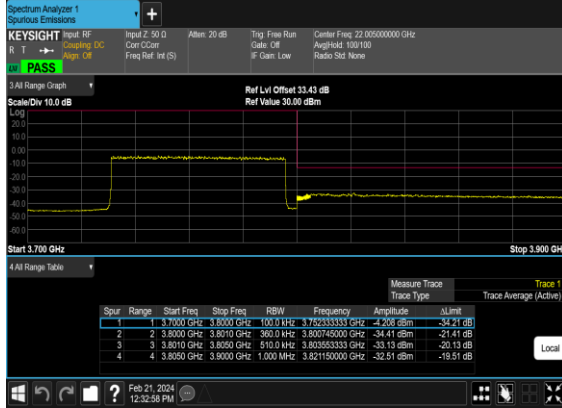
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



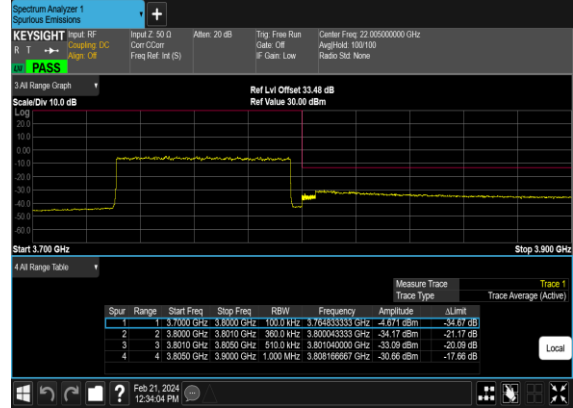
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N78(70M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



### N78(70M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N78 MIMO-ANT0+2

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)= 2.59dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT0 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	22.7	22.93	25.83	28.42	0.6945
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	22.23	22.58	25.42	28.01	0.6322
78	30	20	647334	3710.01	CP-OFDM 64 QAM	1@1	20.8	20.95	23.89	26.48	0.4442
78	30	20	650000	3750	CP-OFDM QPSK	1@1	23.02	23.02	26.03	28.62	0.7278
78	30	20	650000	3750	CP-OFDM 16 QAM	1@1	22.48	22.52	25.51	28.10	0.6457
78	30	20	650000	3750	CP-OFDM 64 QAM	1@1	21.04	21.02	24.04	26.63	0.4603
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	22.85	23.14	26.01	28.60	0.7241
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@1	22.4	22.61	25.52	28.11	0.6466
78	30	20	652666	3789.99	CP-OFDM 64 QAM	1@1	20.83	21.08	23.97	26.56	0.4526
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	22.75	22.97	25.87	28.46	0.7017
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	22.17	22.52	25.36	27.95	0.6236
78	30	30	647668	3715.02	CP-OFDM 64 QAM	1@1	20.81	20.94	23.89	26.48	0.4442
78	30	30	650000	3750	CP-OFDM QPSK	1@1	23.06	23.07	26.08	28.67	0.7354
78	30	30	650000	3750	CP-OFDM 16 QAM	1@1	22.52	22.65	25.60	28.19	0.6585
78	30	30	650000	3750	CP-OFDM 64 QAM	1@1	21.07	21.06	24.08	26.67	0.4640
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	22.88	23.08	25.99	28.58	0.7213
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@1	22.39	22.5	25.46	28.05	0.6376
78	30	30	652332	3784.98	CP-OFDM 64 QAM	1@1	20.95	20.99	23.98	26.57	0.4540
78	30	40	648000	3720	CP-OFDM QPSK	1@1	22.76	22.97	25.88	28.47	0.7025
78	30	40	648000	3720	CP-OFDM 16 QAM	1@1	22.23	22.55	25.40	27.99	0.6300
78	30	40	648000	3720	CP-OFDM 64 QAM	1@1	20.81	20.99	23.91	26.50	0.4468
78	30	40	650000	3750	CP-OFDM QPSK	1@1	23.1	23.03	26.08	28.67	0.7354
78	30	40	650000	3750	CP-OFDM 16 QAM	1@1	22.53	22.51	25.53	28.12	0.6487
78	30	40	650000	3750	CP-OFDM 64 QAM	1@1	21.05	21.04	24.06	26.65	0.4619
78	30	40	652000	3780	CP-OFDM QPSK	1@1	23.03	23.11	26.08	28.67	0.7363
78	30	40	652000	3780	CP-OFDM 16 QAM	1@1	22.7	22.67	25.70	28.29	0.6738
78	30	40	652000	3780	CP-OFDM 64 QAM	1@1	21.07	21.07	24.08	26.67	0.4645
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	22.67	22.9	25.80	28.39	0.6897
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	22.22	22.4	25.32	27.91	0.6182
78	30	50	648334	3725.01	CP-OFDM 64 QAM	1@1	20.78	20.9	23.85	26.44	0.4406
78	30	50	650000	3750	CP-OFDM QPSK	1@1	23.01	22.92	25.98	28.57	0.7187
78	30	50	650000	3750	CP-OFDM 16 QAM	1@1	22.49	22.48	25.50	28.09	0.6435
78	30	50	650000	3750	CP-OFDM 64 QAM	1@1	21	21.03	24.03	26.62	0.4587
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	22.92	22.94	25.94	28.53	0.7129
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@1	22.54	22.45	25.51	28.10	0.6450
78	30	50	651666	3774.99	CP-OFDM 64 QAM	1@1	20.97	20.97	23.98	26.57	0.4540
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	22.6	22.85	25.74	28.33	0.6803
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	22.19	22.35	25.28	27.87	0.6125
78	30	60	648668	3730.02	CP-OFDM 64 QAM	1@1	20.67	20.88	23.79	26.38	0.4342
78	30	60	650000	3750	CP-OFDM QPSK	1@1	22.9	23.03	25.98	28.57	0.7188
78	30	60	650000	3750	CP-OFDM 16 QAM	1@1	22.5	22.52	25.52	28.11	0.6472

78	30	60	650000	3750	CP-OFDM 64 QAM	1@1	20.93	20.87	23.91	26.50	0.4467
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	22.84	22.93	25.90	28.49	0.7056
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@1	22.37	22.59	25.49	28.08	0.6429
78	30	60	651332	3769.98	CP-OFDM 64 QAM	1@1	21.04	21.03	24.05	26.64	0.4608
78	30	70	649000	3735	CP-OFDM QPSK	1@1	22.61	22.89	25.76	28.35	0.6843
78	30	70	649000	3735	CP-OFDM 16 QAM	1@1	22.21	22.45	25.34	27.93	0.6211
78	30	70	649000	3735	CP-OFDM 64 QAM	1@1	20.75	20.94	23.86	26.45	0.4412
78	30	70	650000	3750	CP-OFDM QPSK	1@1	22.87	22.89	25.89	28.48	0.7047
78	30	70	650000	3750	CP-OFDM 16 QAM	1@1	22.42	22.48	25.46	28.05	0.6383
78	30	70	650000	3750	CP-OFDM 64 QAM	1@1	21.04	20.94	24.00	26.59	0.4561
78	30	70	651000	3765	CP-OFDM QPSK	1@1	22.97	22.9	25.95	28.54	0.7137
78	30	70	651000	3765	CP-OFDM 16 QAM	1@1	22.55	22.32	25.45	28.04	0.6363
78	30	70	651000	3765	CP-OFDM 64 QAM	1@1	20.97	20.85	23.92	26.51	0.4478
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	22.68	22.9	25.80	28.39	0.6905
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	22.14	22.49	25.33	27.92	0.6193
78	30	80	649334	3740.01	CP-OFDM 64 QAM	1@1	20.63	20.88	23.77	26.36	0.4322
78	30	80	650000	3750	CP-OFDM QPSK	1@1	22.9	22.99	25.96	28.55	0.7154
78	30	80	650000	3750	CP-OFDM 16 QAM	1@1	22.36	22.48	25.43	28.02	0.6340
78	30	80	650000	3750	CP-OFDM 64 QAM	1@1	20.8	20.95	23.89	26.48	0.4442
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	22.9	23.03	25.98	28.57	0.7188
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@1	22.59	22.45	25.53	28.12	0.6488
78	30	80	650666	3759.99	CP-OFDM 64 QAM	1@1	20.93	20.96	23.96	26.55	0.4514
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	22.8	22.97	25.90	28.49	0.7057
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	22.34	22.56	25.46	28.05	0.6385
78	30	90	649668	3745.02	CP-OFDM 64 QAM	1@1	20.76	21.02	23.90	26.49	0.4459
78	30	90	650000	3750	CP-OFDM QPSK	1@1	22.77	23.06	25.93	28.52	0.7108
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	22.4	22.61	25.52	28.11	0.6466
78	30	90	650000	3750	CP-OFDM 64 QAM	1@1	20.83	21.01	23.93	26.52	0.4489
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	22.98	22.97	25.99	28.58	0.7203
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	22.38	22.52	25.46	28.05	0.6384
78	30	90	650332	3754.98	CP-OFDM 64 QAM	1@1	20.88	21	23.95	26.54	0.4509
78	30	100	650000	3750	CP-OFDM QPSK	1@1	22.77	22.85	25.82	28.41	0.6935
78	30	100	650000	3750	CP-OFDM QPSK	1@271	23.11	23.2	26.17	28.76	0.7509
78	30	100	650000	3750	CP-OFDM 16 QAM	137@68	22.36	22.36	25.37	27.96	0.6252
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	22.32	22.4	25.37	27.96	0.6252
78	30	100	650000	3750	CP-OFDM 16 QAM	1@271	22.23	22.33	25.29	27.88	0.6138
78	30	100	650000	3750	CP-OFDM 64 QAM	137@68	20.86	20.85	23.87	26.46	0.4421
78	30	100	650000	3750	CP-OFDM 64 QAM	1@1	20.94	20.85	23.91	26.50	0.4462
78	30	100	650000	3750	CP-OFDM 64 QAM	1@271	20.81	20.81	23.82	26.41	0.4376
78	30	100	650000	3750	CP-OFDM 256 QAM	137@68	17.87	17.85	20.87	23.46	0.2218
78	30	100	650000	3750	CP-OFDM 256 QAM	1@1	17.74	17.86	20.81	23.40	0.2188
78	30	100	650000	3750	CP-OFDM 256 QAM	1@271	17.69	17.87	20.79	23.38	0.2178



# FR1 N78 MIMO-ANT0

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0018	PASS	NV
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0024	PASS	LV
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	-0.0015	PASS	HV
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0021	PASS	-30°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0019	PASS	-20°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0013	PASS	-10°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	-0.0043	PASS	0°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	-0.0028	PASS	10°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0046	PASS	20°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0051	PASS	30°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	-0.0033	PASS	40°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0058	PASS	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	5.02	13	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	5.21	13	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	6.36	13	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	6.54	13	PASS