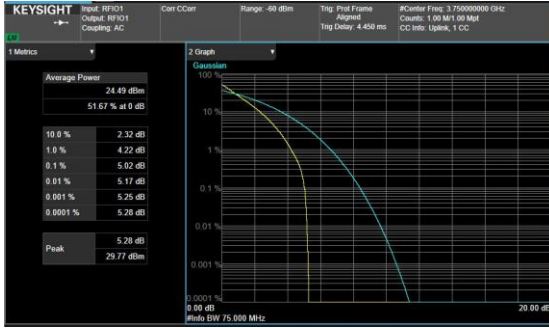
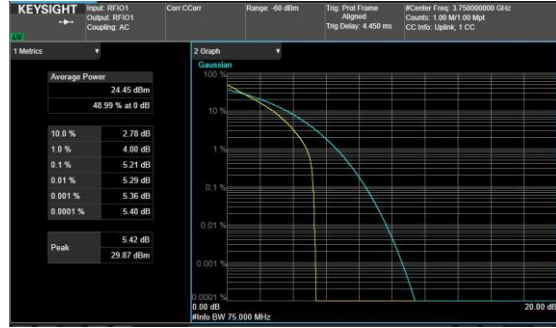


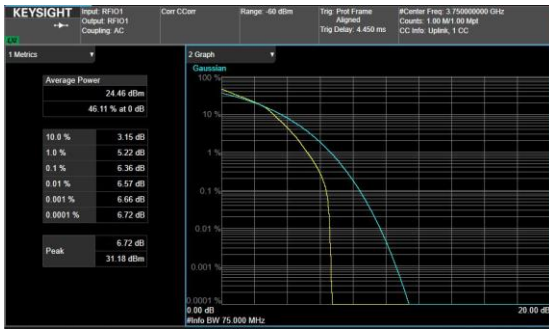
N78(70M)\_CP-  
OFDM\_QPSK\_Full\_Mid\_CH



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



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



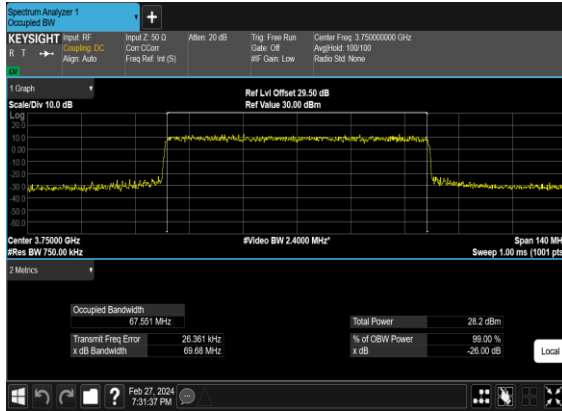
N78(70M)\_CP-OFDM\_16  
QAM\_1RB\_Left\_Mid\_CH



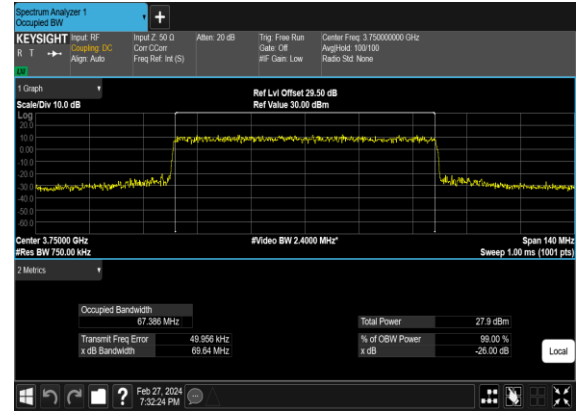
## Occupied Bandwidth

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	67.551	69.68
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.386	69.64
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.527	69.68
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.357	69.81

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



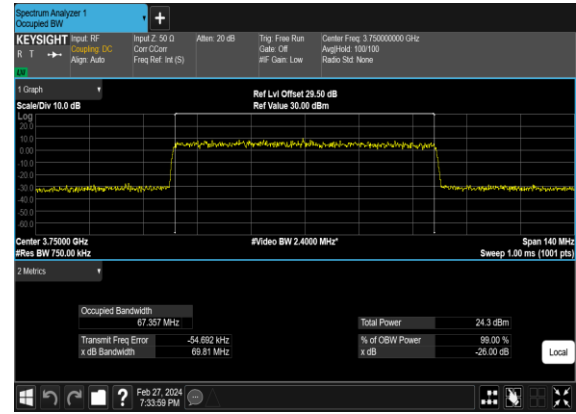
### N78(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N78(70M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



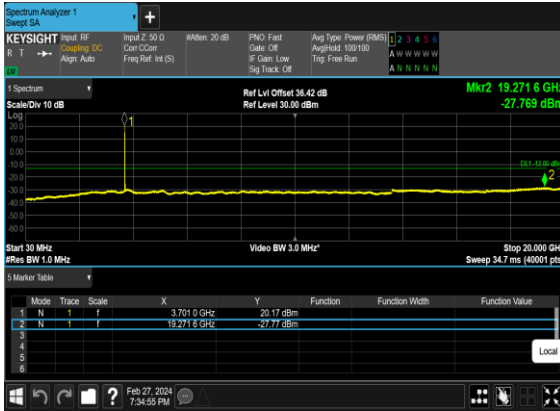
### N78(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



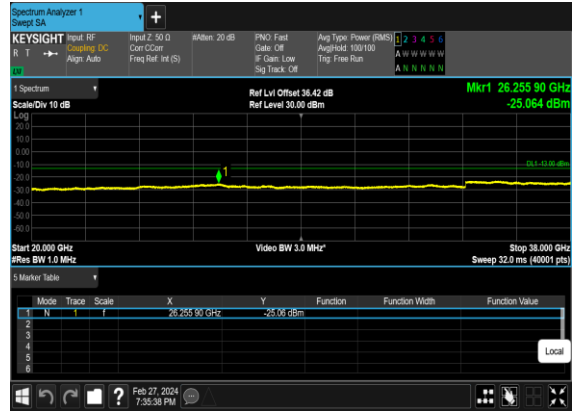
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	PASS

N78(70M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



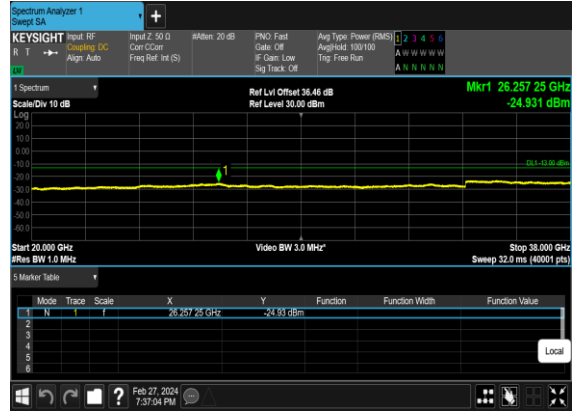
N78(70M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



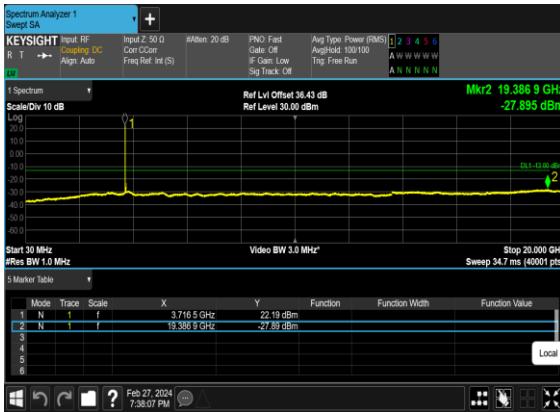
N78(70M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



N78(70M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



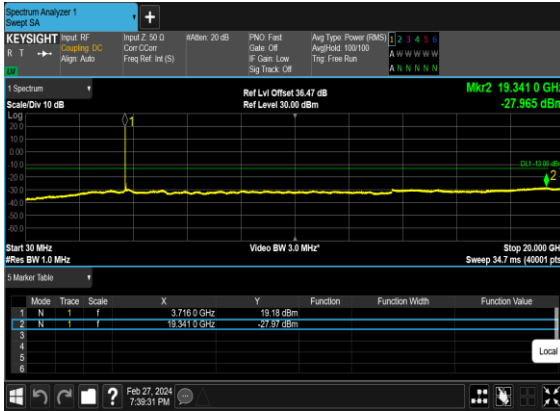
N78(70M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



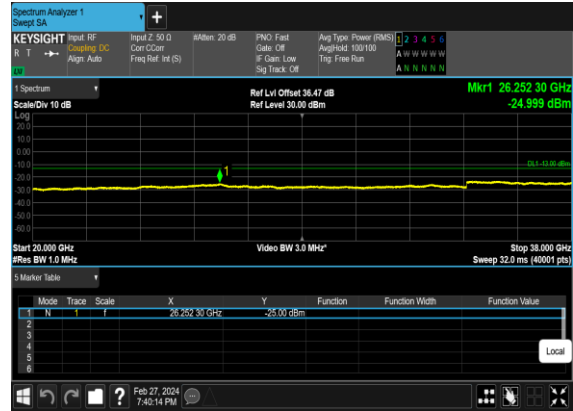
N78(70M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



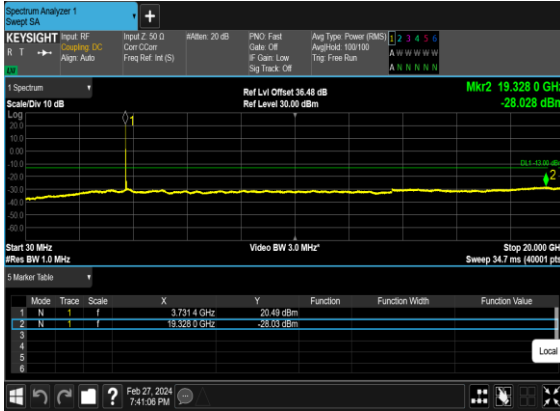
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



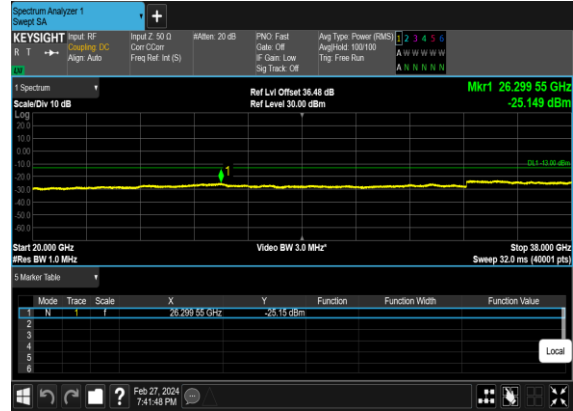
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



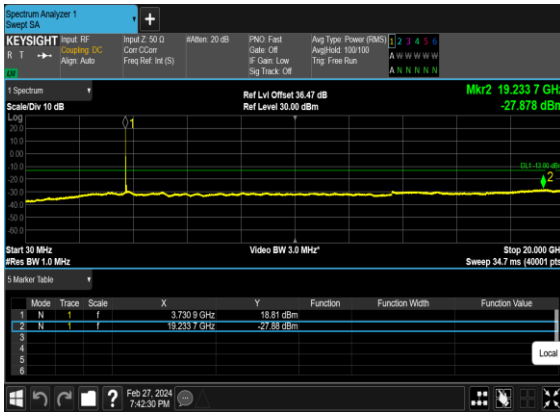
### N78(70M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



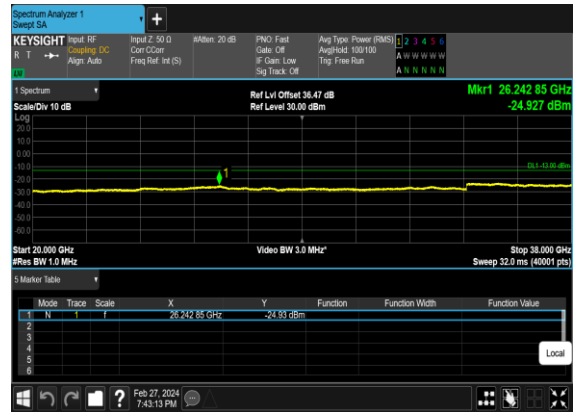
### N78(70M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



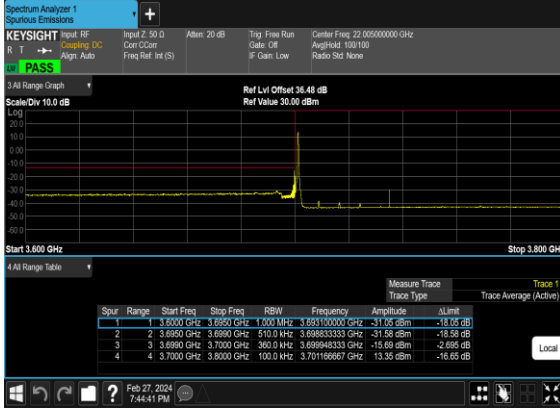
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



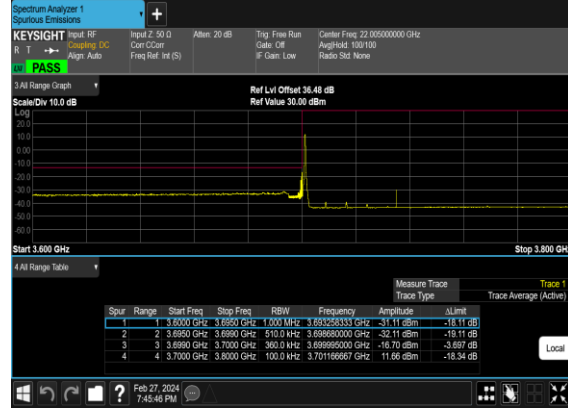
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	<b>PASS</b>
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	<b>PASS</b>
78	30	70	649000	3735.0	CP-OFDM QPSK	189@0	see graph	<b>PASS</b>
78	30	70	649000	3735.0	CP-OFDM 16 QAM	189@0	see graph	<b>PASS</b>
78	30	70	651000	3765.0	CP-OFDM QPSK	1@188	see graph	<b>PASS</b>
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@188	see graph	<b>PASS</b>
78	30	70	651000	3765.0	CP-OFDM QPSK	189@0	see graph	<b>PASS</b>
78	30	70	651000	3765.0	CP-OFDM 16 QAM	189@0	see graph	<b>PASS</b>

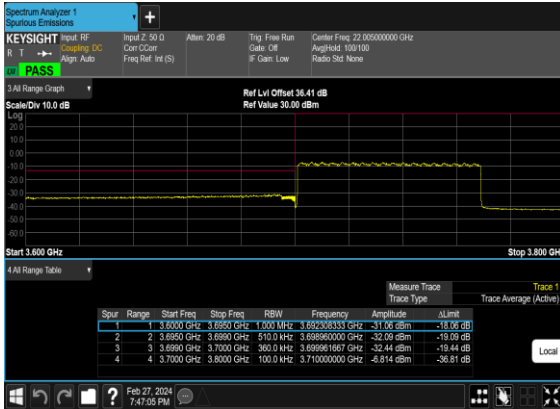
### N78(70M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



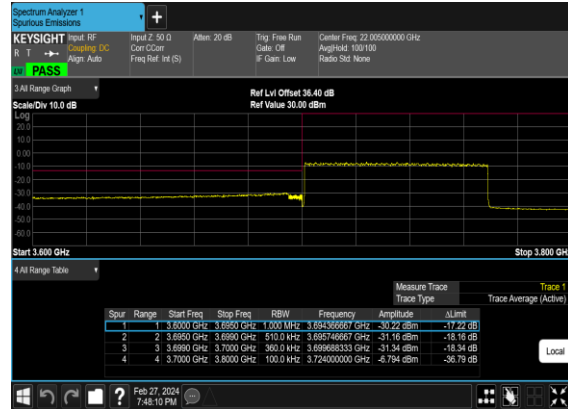
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



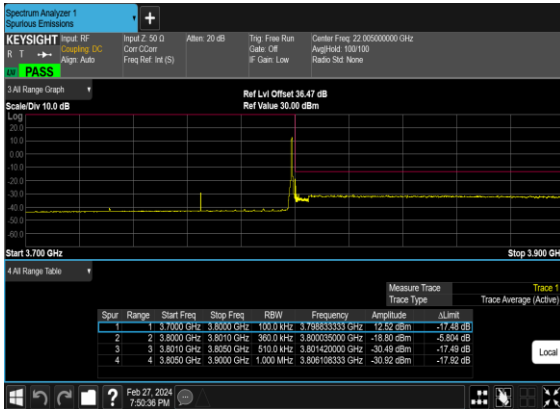
### N78(70M)\_CP- OFDM\_QPSK\_Outer\_Full\_Low\_CH



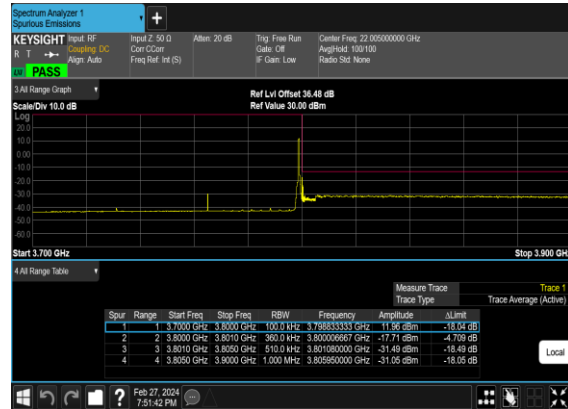
### N78(70M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



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

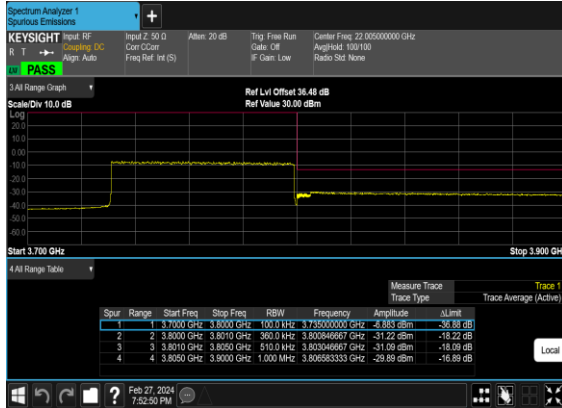


### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Right\_High\_CH

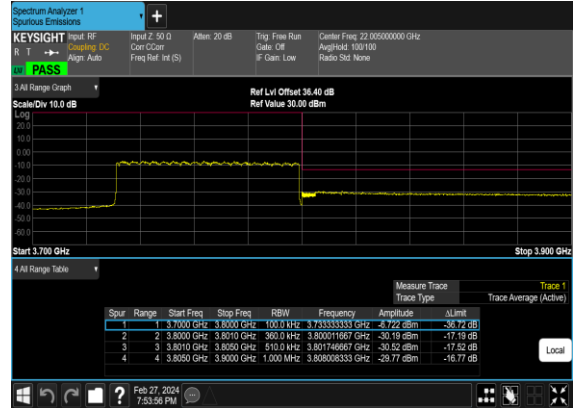




## N78(70M)\_CP- OFDM\_QPSK\_Outer\_Full\_High\_CH



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



# FR1 N78 MIMO-ANT2

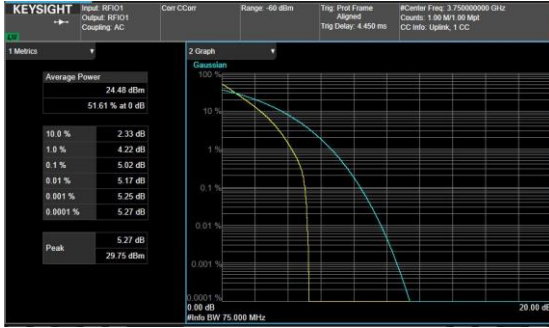
## Frequency Stability

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	-0.0015	PASS	NV
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0027	PASS	LV
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0016	PASS	HV
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0028	PASS	-30°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0012	PASS	-20°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0014	PASS	-10°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	-0.0045	PASS	0°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0025	PASS	10°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0044	PASS	20°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0039	PASS	30°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	-0.0047	PASS	40°C
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	0.0033	PASS	50°C

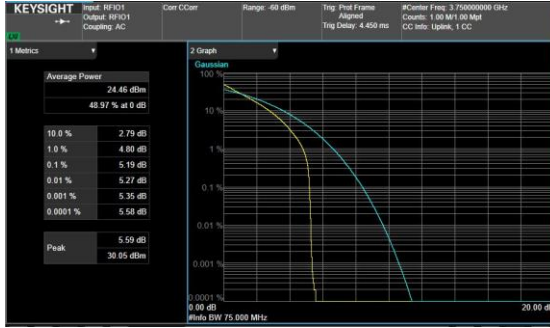
## Peak to Average Ratio

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	5.19	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	6.52	13	PASS

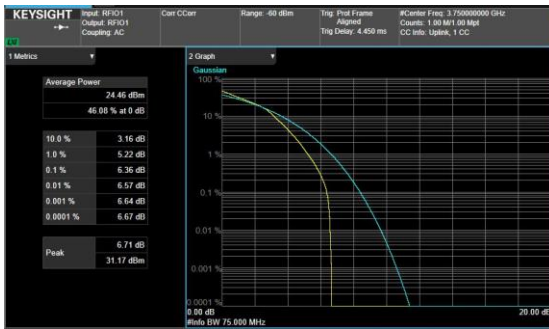
N78(70M)\_CP-  
OFDM\_QPSK\_Full\_Mid\_CH



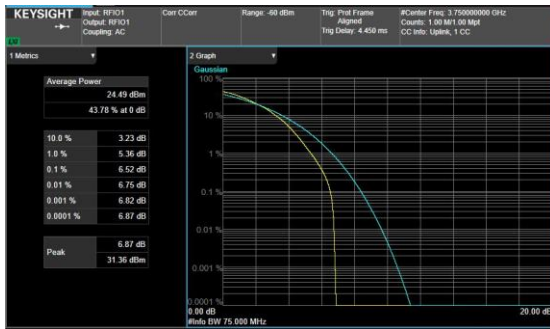
N78(70M)\_CP-  
OFDM\_QPSK\_1RB\_Left\_Mid\_CH



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



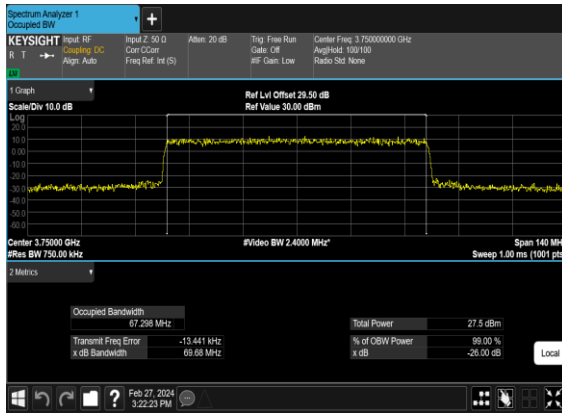
N78(70M)\_CP-OFDM\_16  
QAM\_1RB\_Left\_Mid\_CH



## 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	67.298	69.68
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.455	69.65
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.483	69.66
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.56	69.77

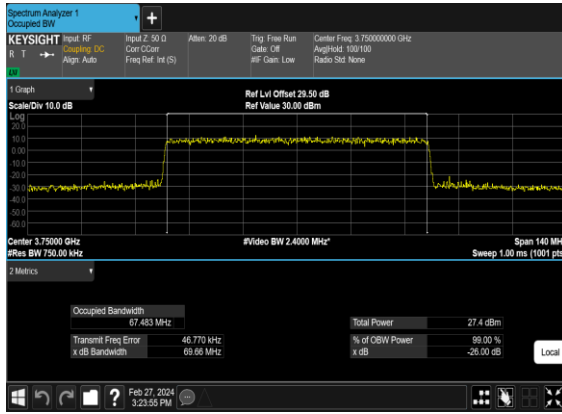
### N78(70M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



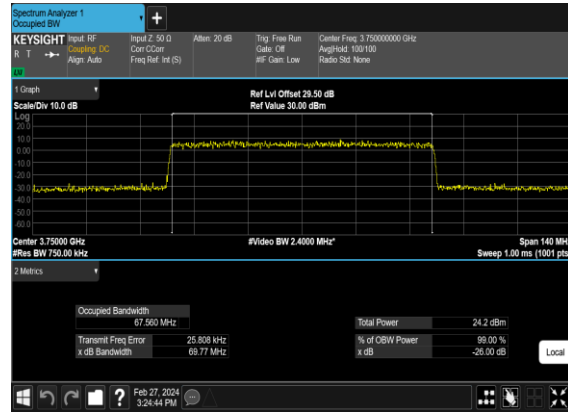
### N78(70M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



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



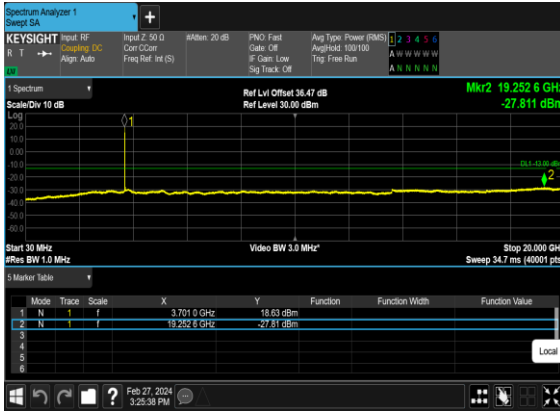
### N78(70M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



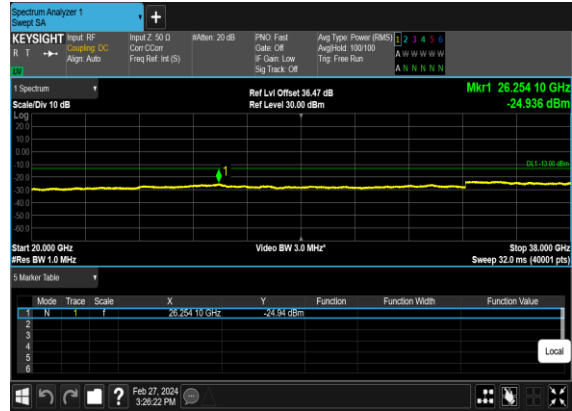
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	---
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@0	see graph	PASS

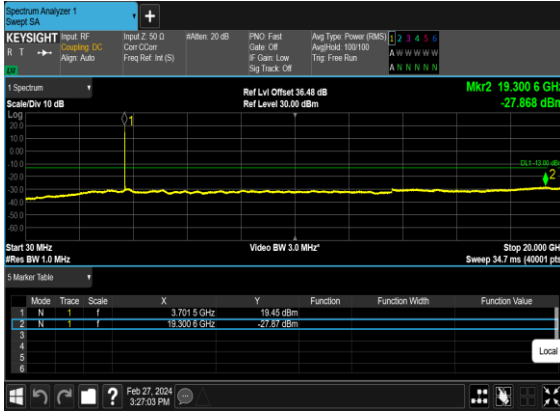
### N78(70M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



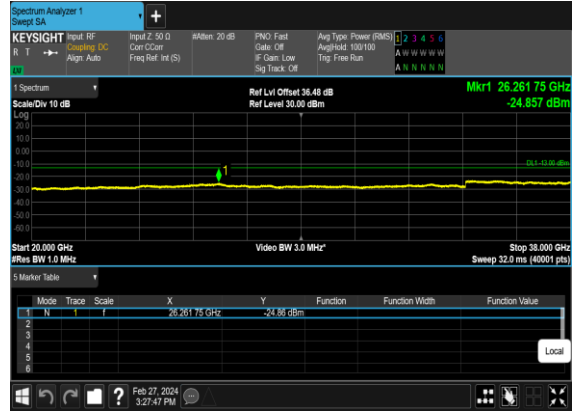
### N78(70M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



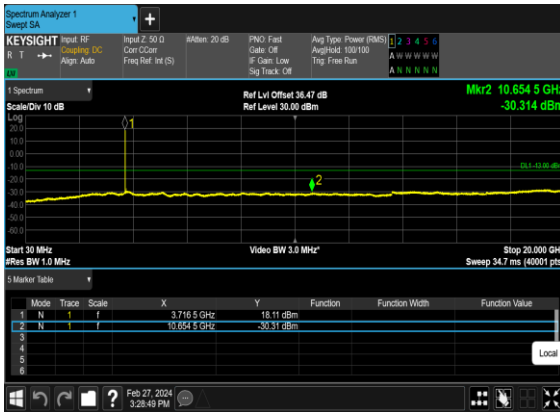
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



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

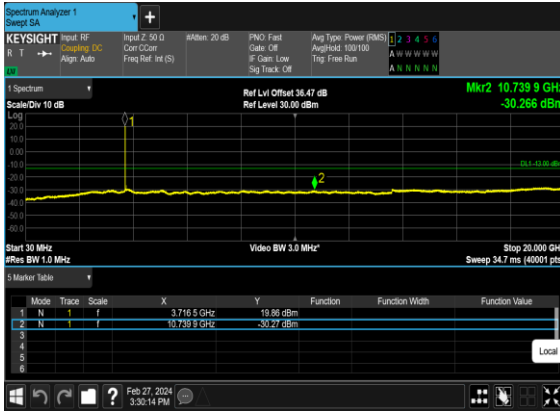


### N78(70M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

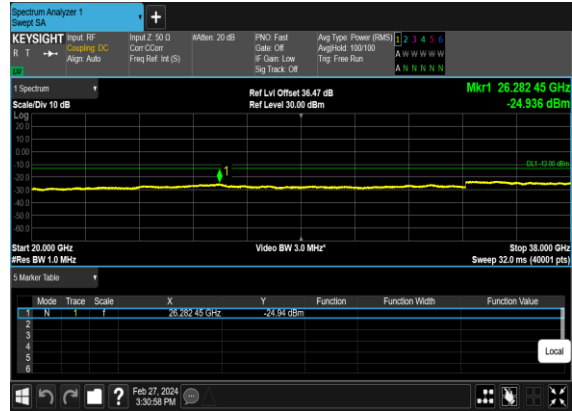




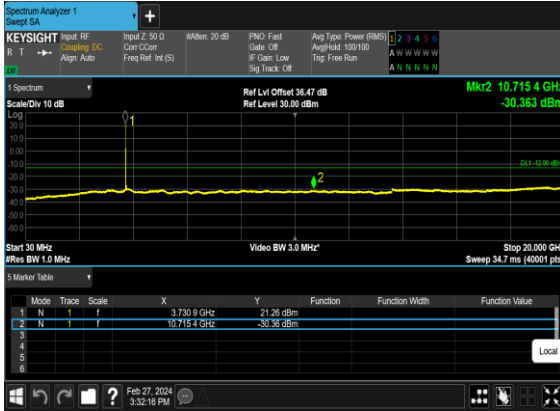
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



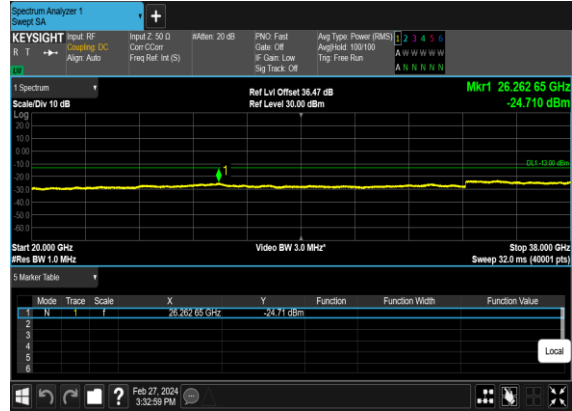
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



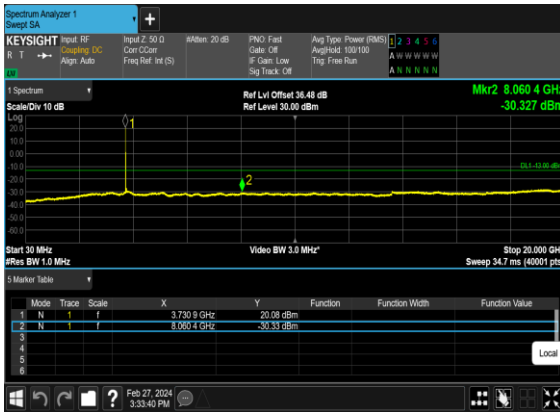
### N78(70M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



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



### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



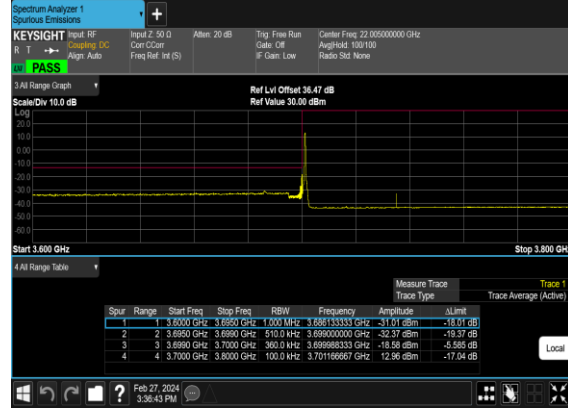
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	189@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@188	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@188	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	189@0	see graph	PASS

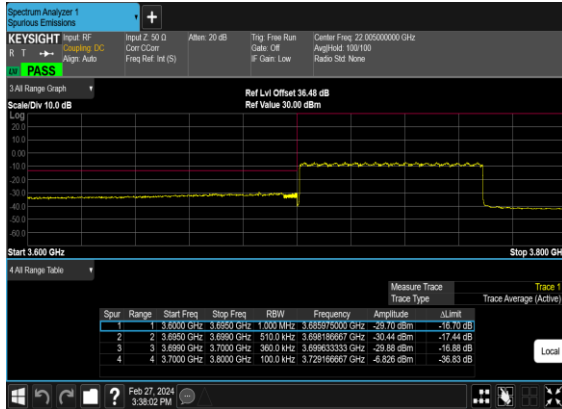
### N78(70M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



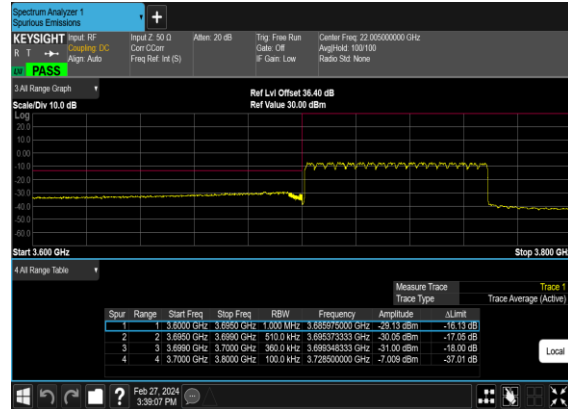
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



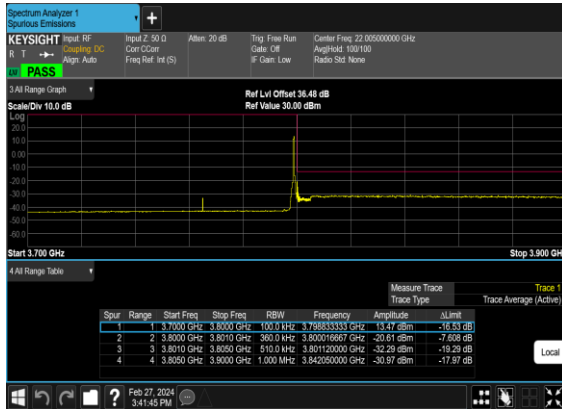
### N78(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH



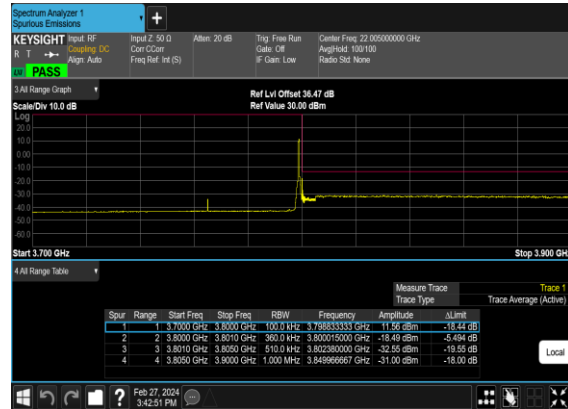
### N78(70M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



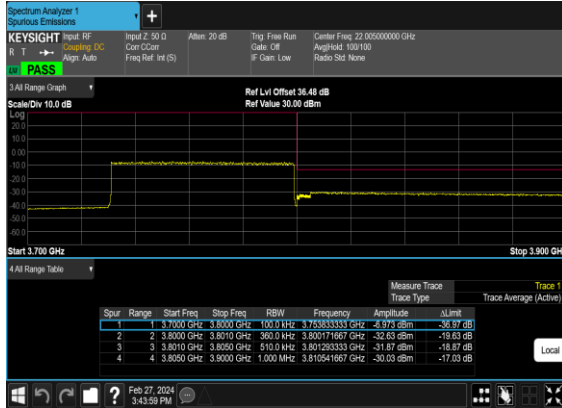
### N78(70M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



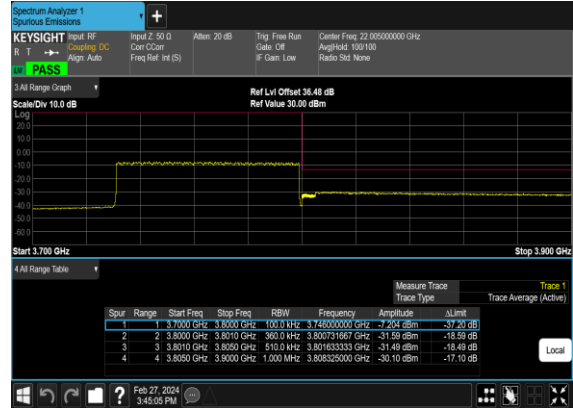
### N78(70M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Right\_High\_CH



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



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



# FR1 N78(ANT0) for other PA

LTE Band: 26(ANT1), LTE BW: 10M, LTE ARFCN: Low

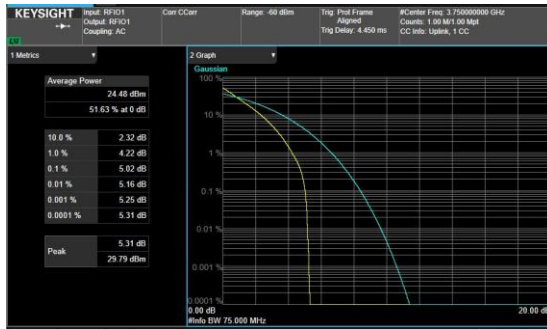
## Frequency Stability

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	-0.0017	PASS	NV
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0024	PASS	LV
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0035	PASS	HV
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0017	PASS	-30°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0016	PASS	-20°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	-0.0024	PASS	-10°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0007	PASS	0°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0016	PASS	10°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0028	PASS	20°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	-0.0043	PASS	30°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0057	PASS	40°C
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	0.0039	PASS	50°C

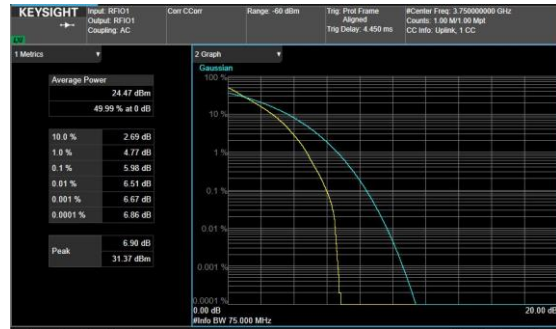
## Peak to Average Ratio

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	5.98	13	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	6.31	13	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	6.53	13	PASS

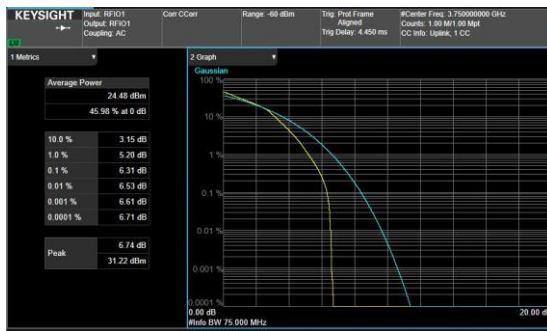
B26\_N78(70M)\_DFT-s-OFDM\_PI\_2-BPSK\_Full\_Mid\_CH



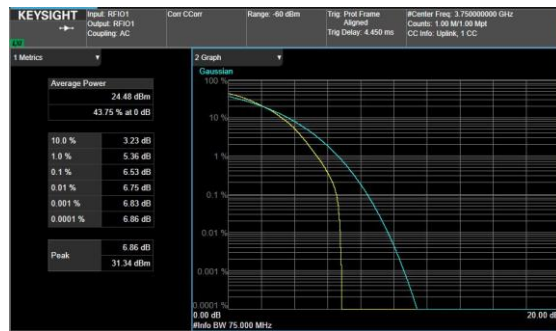
B26\_N78(70M)\_DFT-s-OFDM\_PI\_2-BPSK\_1RB\_Left\_Mid\_CH



B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Full\_Mid\_CH



B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_1RB\_Left\_Mid\_CH

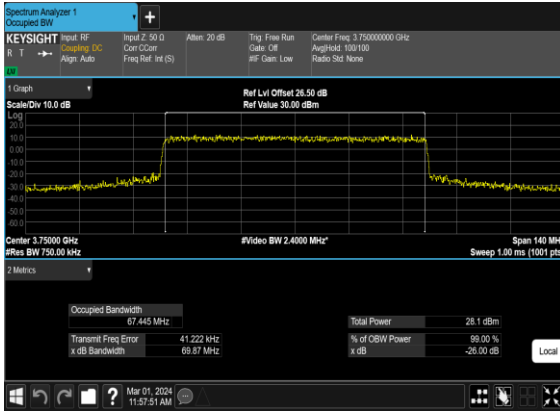


## Occupied Bandwidth

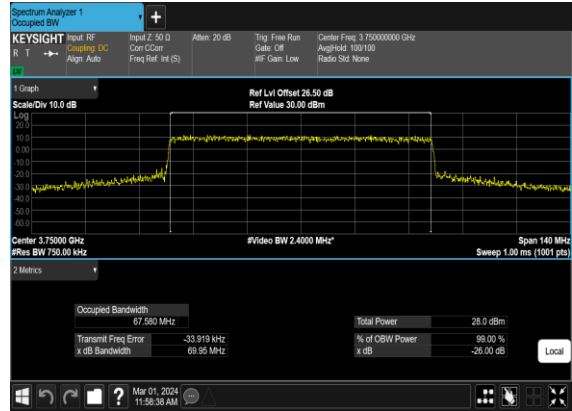
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.445	69.87
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.58	69.95
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.495	69.99
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.481	69.66



### B26\_N78(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



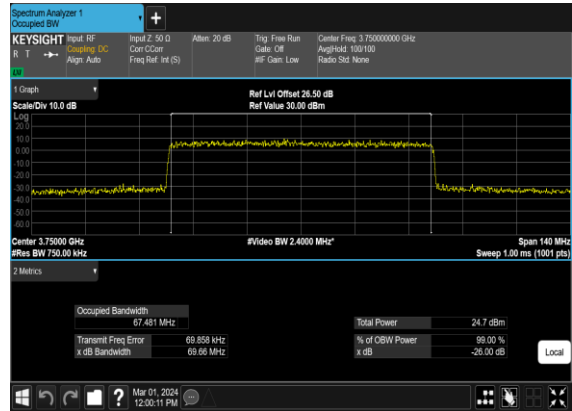
### B26\_N78(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### B26\_N78(70M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



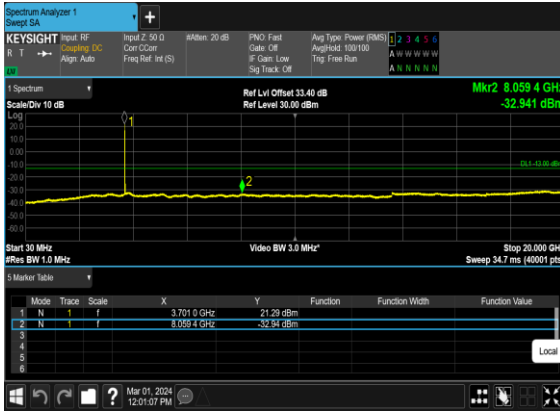
### B26\_N78(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



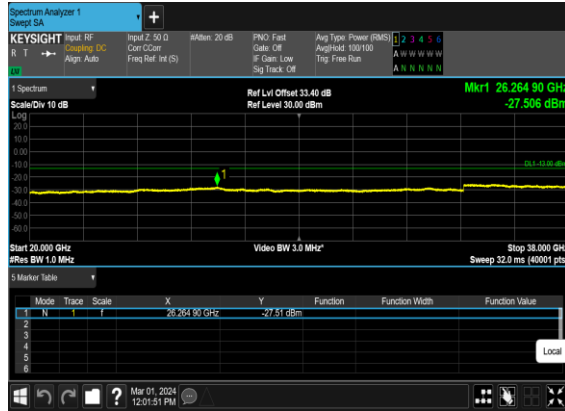
## Conducted Spurious Emissions

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

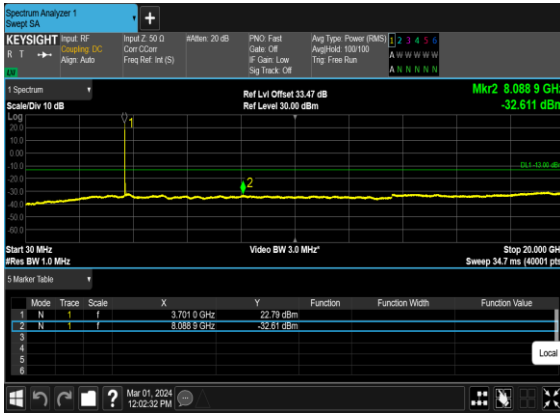
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



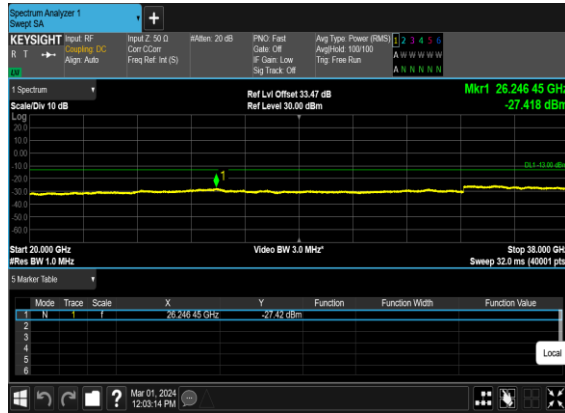
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



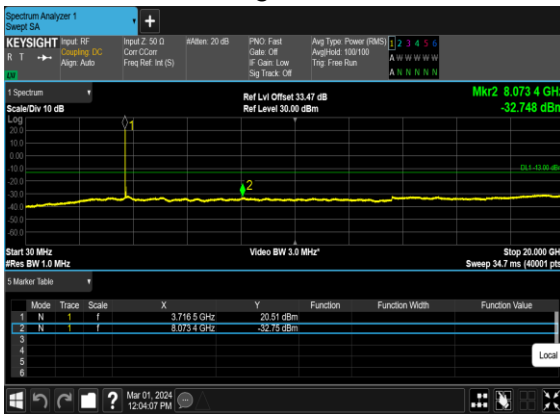
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



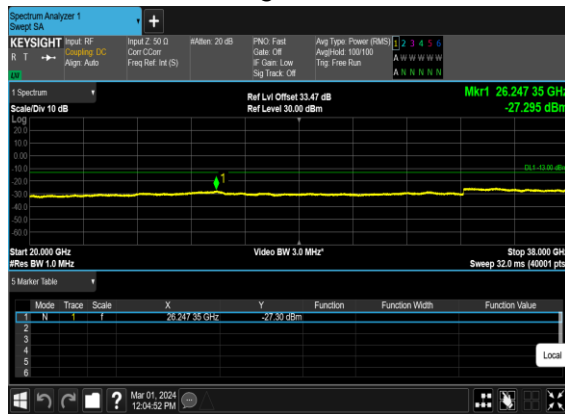
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



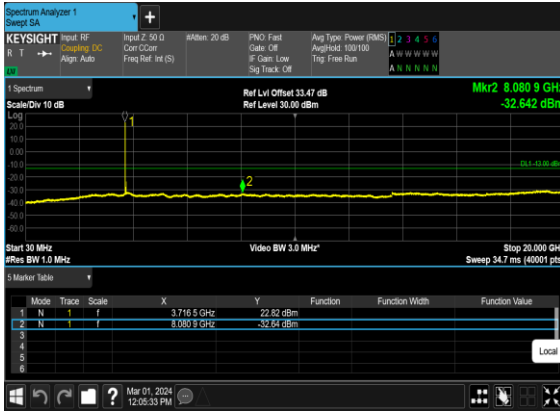
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



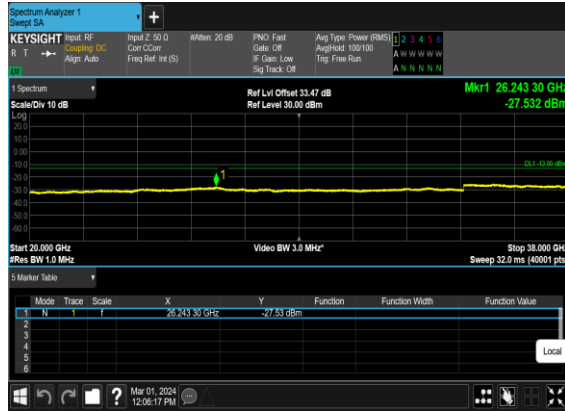
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



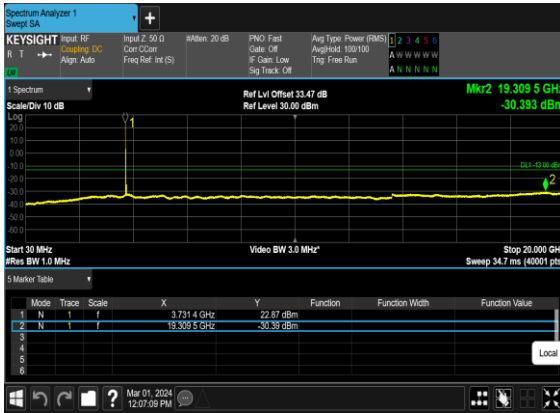
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



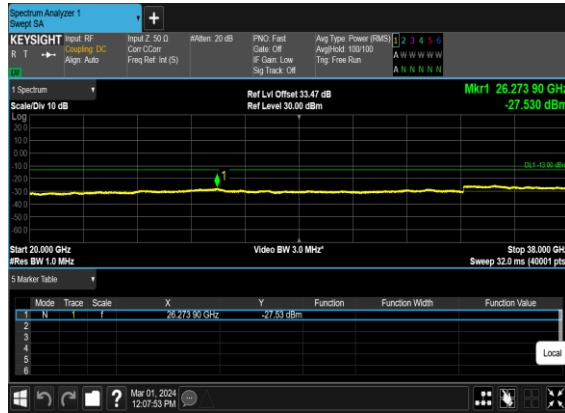
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



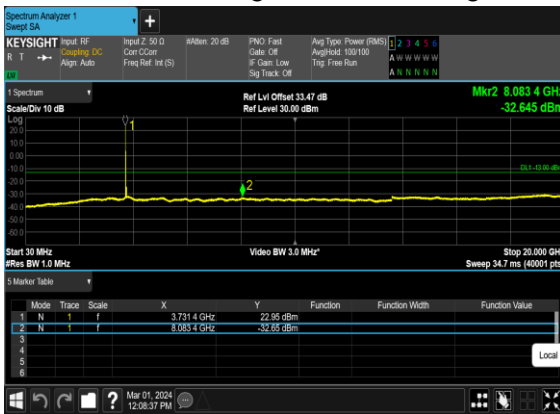
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



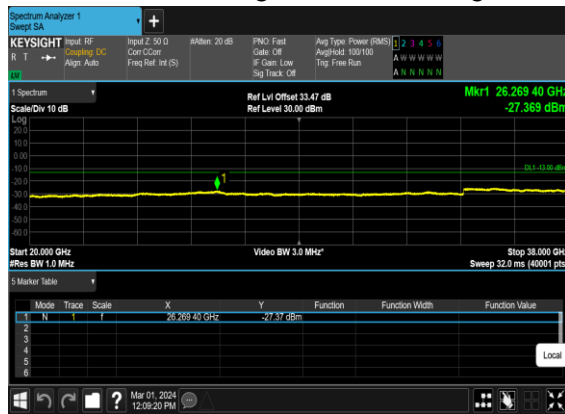
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



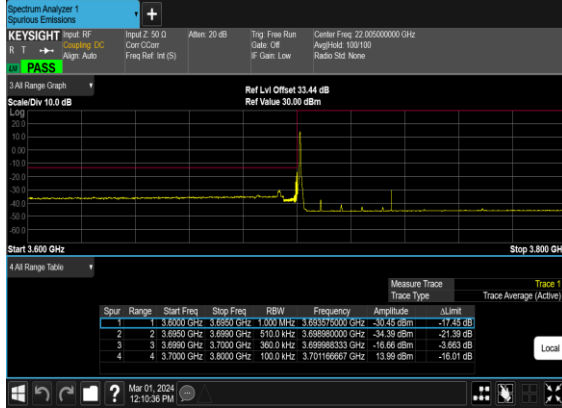
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



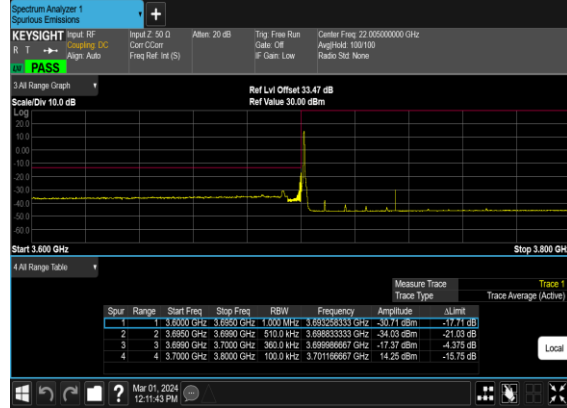
## Conducted Band Edge

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>

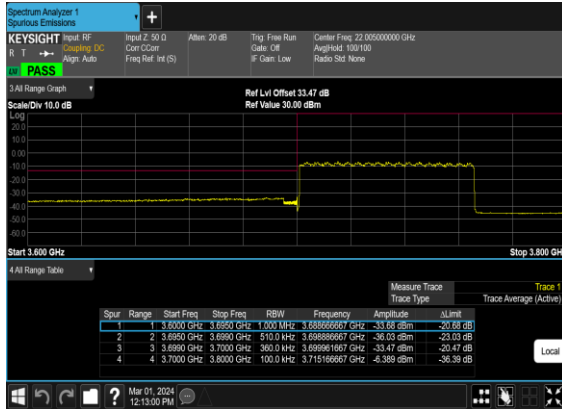
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



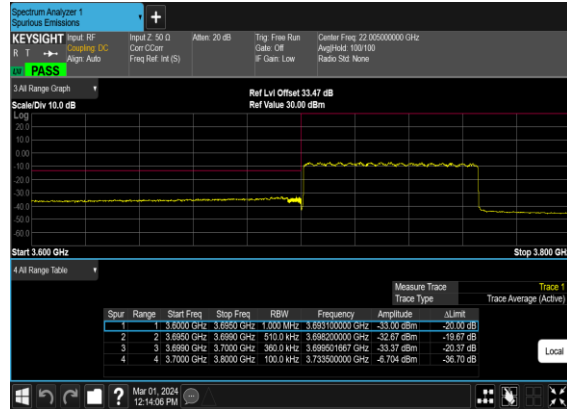
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



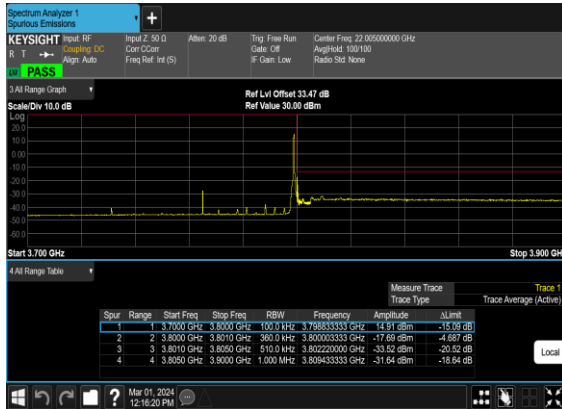
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



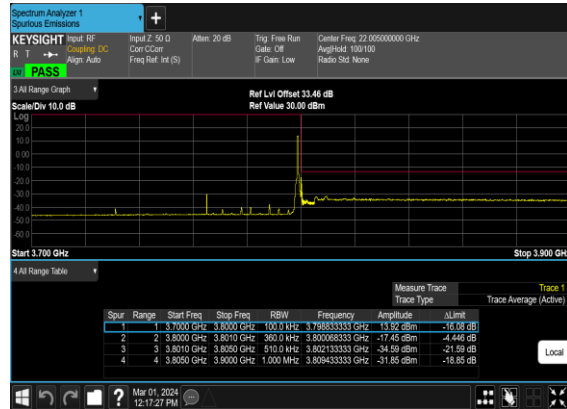
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



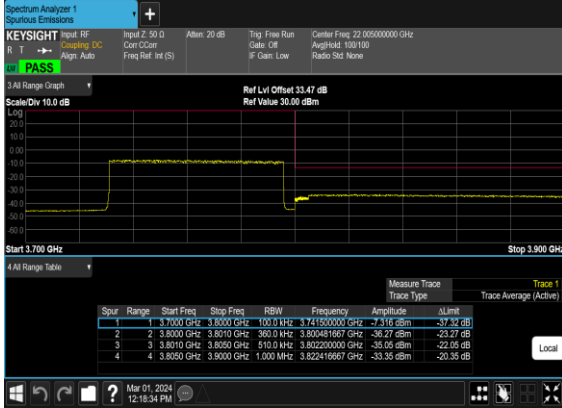
### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



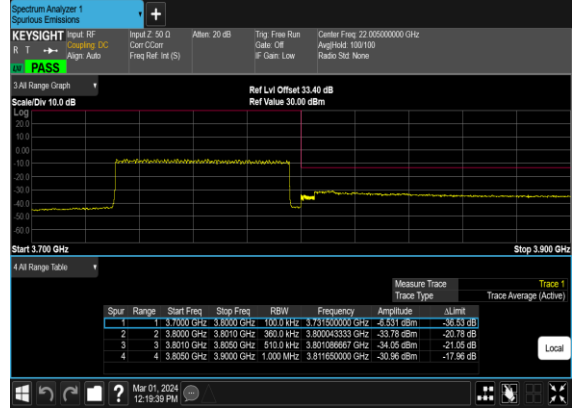
### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### B26\_N78(70M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### B26\_N78(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	22~25°C
		Relative Humidity :	41~42%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK(ANT2)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7407	-55.27	-13	-42.27	-65.48	3.03	13.24	H
	11114	-61.37	-13	-48.37	-70.82	3.56	13.01	H
	14810	-60.14	-13	-47.14	-69.66	3.92	13.44	H
	7407	-48.90	-13	-35.90	-59.11	3.03	13.24	V
	11114	-61.52	-13	-48.52	-70.97	3.56	13.01	V
	14810	-53.57	-13	-40.57	-63.09	3.92	13.44	V
Middle	7583	-51.42	-13	-38.42	-61.63	3.03	13.24	H
	11378	-61.17	-13	-48.17	-70.62	3.56	13.01	H
	15162	-55.31	-13	-42.31	-64.83	3.92	13.44	H
	7583	-48.93	-13	-35.93	-59.14	3.03	13.24	V
	11378	-58.43	-13	-45.43	-67.88	3.56	13.01	V
	15162	-44.34	-13	-31.34	-53.86	3.92	13.44	V
Highest	7759	-52.23	-13	-39.23	-62.44	3.03	13.24	H
	11642	-60.68	-13	-47.68	-70.13	3.56	13.01	H
	15525	-56.29	-13	-43.29	-65.81	3.92	13.44	H
	7759	-42.86	-13	-29.86	-53.07	3.03	13.24	V
	11642	-51.76	-13	-38.76	-61.21	3.56	13.01	V
	15525	-44.27	-13	-31.27	-53.79	3.92	13.44	V





EN-DC_41A_n77A / LTE 20MHz + NR 100MHz / QPSK(ANT0+2)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7407	-54.97	-13	-41.97	-65.18	3.03	13.24	H
	11103	-61.48	-13	-48.48	-70.93	3.56	13.01	H
	14810	-57.45	-13	-44.45	-66.97	3.92	13.44	H
	7407	-44.40	-13	-31.40	-54.61	3.03	13.24	V
	11103	-50.63	-13	-37.63	-60.08	3.56	13.01	V
	14810	-50.87	-13	-37.87	-60.39	3.92	13.44	V
Middle	7583	-46.98	-13	-33.98	-57.19	3.03	13.24	H
	11378	-60.61	-13	-47.61	-70.06	3.56	13.01	H
	15162	-50.28	-13	-37.28	-59.80	3.92	13.44	H
	7583	-44.46	-13	-31.46	-54.67	3.03	13.24	V
	11378	-56.00	-13	-43.00	-65.45	3.56	13.01	V
	15162	-44.63	-13	-31.63	-54.15	3.92	13.44	V
Highest	7759	-52.46	-13	-39.46	-62.67	3.03	13.24	H
	11642	-59.09	-13	-46.09	-68.54	3.56	13.01	H
	15525	-54.51	-13	-41.51	-64.03	3.92	13.44	H
	7759	-39.74	-13	-26.74	-49.95	3.03	13.24	V
	11642	-52.04	-13	-39.04	-61.49	3.56	13.01	V
	15525	-44.85	-13	-31.85	-54.37	3.92	13.44	V

EN-DC_26A_n77A / LTE 15MHz + NR 100MHz / QPSK(ANT1+0) - other PA								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7407	-56.26	-13	-43.26	-66.47	3.03	13.24	H
	11103	-60.91	-13	-47.91	-70.36	3.56	13.01	H
	14810	-58.77	-13	-45.77	-68.29	3.92	13.44	H
	7407	-50.49	-13	-37.49	-60.70	3.03	13.24	V
	11103	-58.75	-13	-45.75	-68.20	3.56	13.01	V
	14810	-59.91	-13	-46.91	-69.43	3.92	13.44	V
Middle	7583	-49.76	-13	-36.76	-59.97	3.03	13.24	H
	11378	-61.10	-13	-48.10	-70.55	3.56	13.01	H
	15162	-55.89	-13	-42.89	-65.41	3.92	13.44	H
	7583	-48.34	-13	-35.34	-58.55	3.03	13.24	V
	11378	-57.04	-13	-44.04	-66.49	3.56	13.01	V
	15162	-59.58	-13	-46.58	-69.10	3.92	13.44	V
Highest	7759	-50.63	-13	-37.63	-60.84	3.03	13.24	H
	11642	-59.89	-13	-46.89	-69.34	3.56	13.01	H
	15536	-59.00	-13	-46.00	-68.52	3.92	13.44	H
	7759	-49.38	-13	-36.38	-59.59	3.03	13.24	V
	11642	-58.63	-13	-45.63	-68.08	3.56	13.01	V
	15536	-59.52	-13	-46.52	-69.04	3.92	13.44	V



n77 UL MIMO / NR 100+100MHz / QPSK(ANT0+2)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7407	-55.22	-13	-42.22	-65.43	3.03	13.24	H
	11114	-61.47	-13	-48.47	-70.92	3.56	13.01	H
	14810	-60.32	-13	-47.32	-69.84	3.92	13.44	H
	7407	-49.75	-13	-36.75	-59.96	3.03	13.24	V
	11114	-61.01	-13	-48.01	-70.46	3.56	13.01	V
	14810	-55.97	-13	-42.97	-65.49	3.92	13.44	V
Middle	7583	-57.28	-13	-44.28	-67.49	3.03	13.24	H
	11378	-61.10	-13	-48.10	-70.55	3.56	13.01	H
	15162	-57.93	-13	-44.93	-67.45	3.92	13.44	H
	7583	-50.06	-13	-37.06	-60.27	3.03	13.24	V
	11378	-58.64	-13	-45.64	-68.09	3.56	13.01	V
	15162	-46.14	-13	-33.14	-55.66	3.92	13.44	V
Highest	7759	-51.70	-13	-38.70	-61.91	3.03	13.24	H
	11642	-60.74	-13	-47.74	-70.19	3.56	13.01	H
	15525	-58.07	-13	-45.07	-67.59	3.92	13.44	H
	7759	-44.78	-13	-31.78	-54.99	3.03	13.24	V
	11642	-55.66	-13	-42.66	-65.11	3.56	13.01	V
	15525	-47.60	-13	-34.60	-57.12	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.