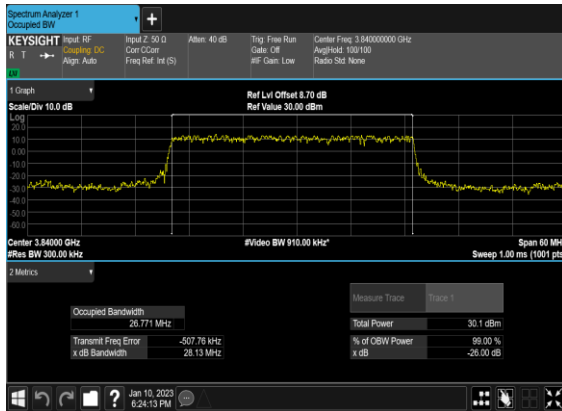
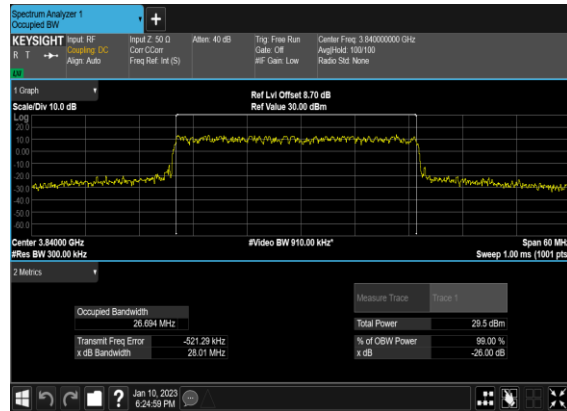


### N77(30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N77(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



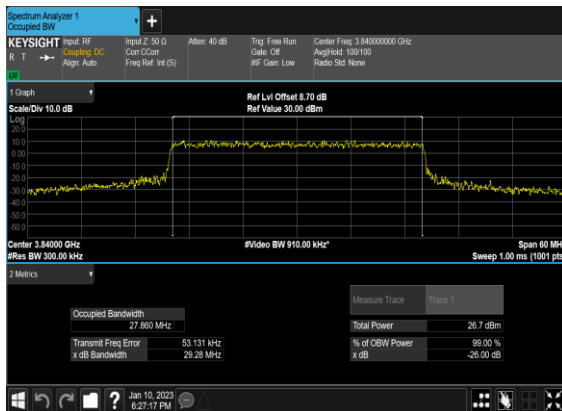
### N77(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



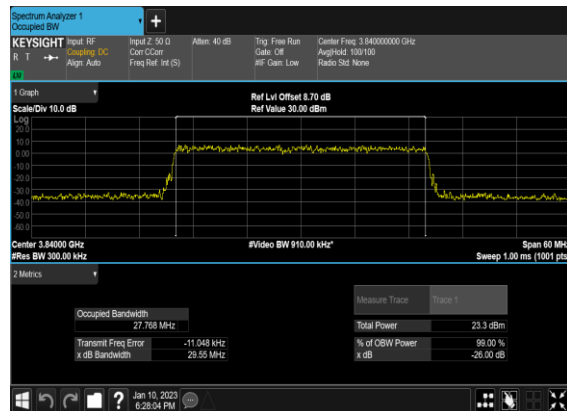
### N77(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



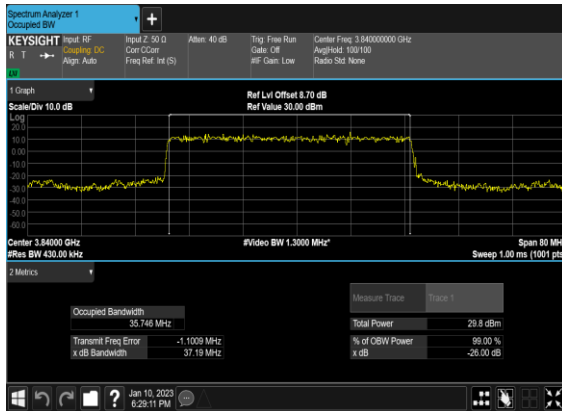
### N77(30M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



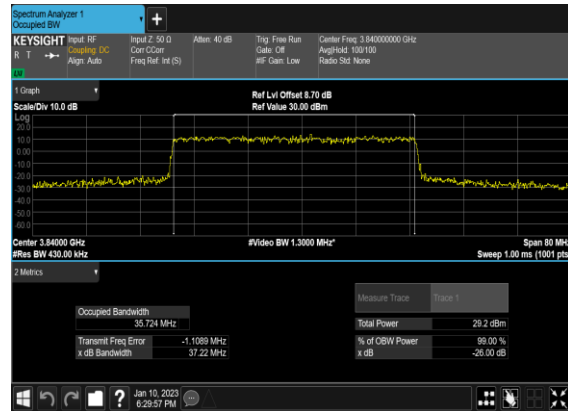
### N77(30M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



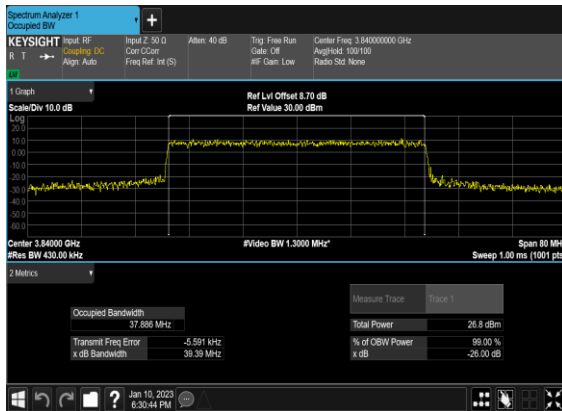
### N77(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



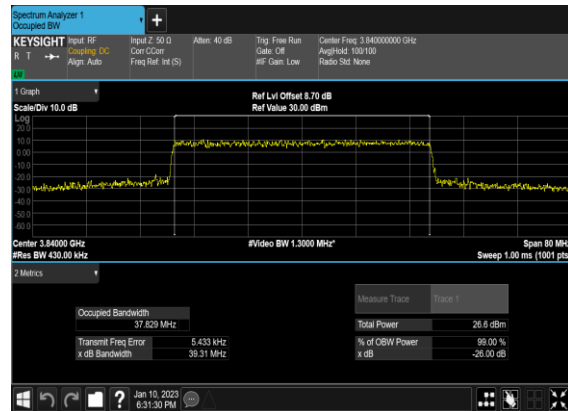
### N77(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



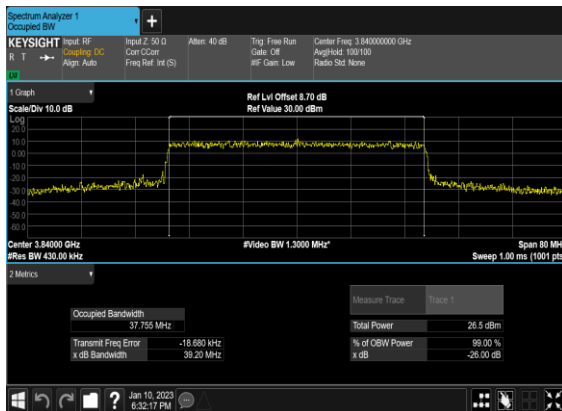
### N77(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



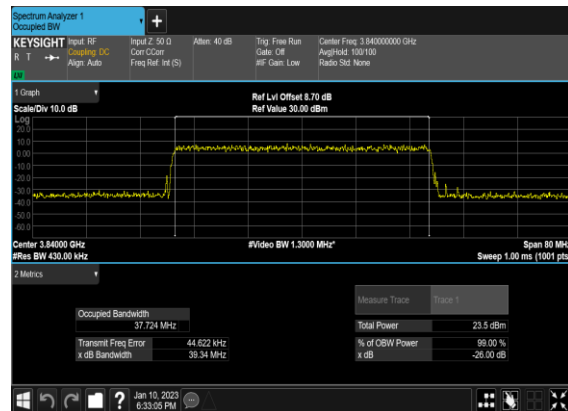
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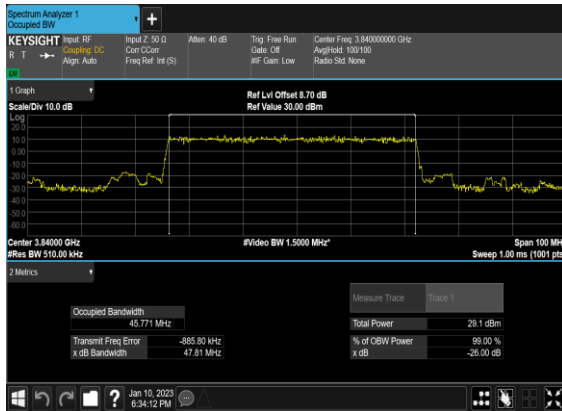
### N77(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



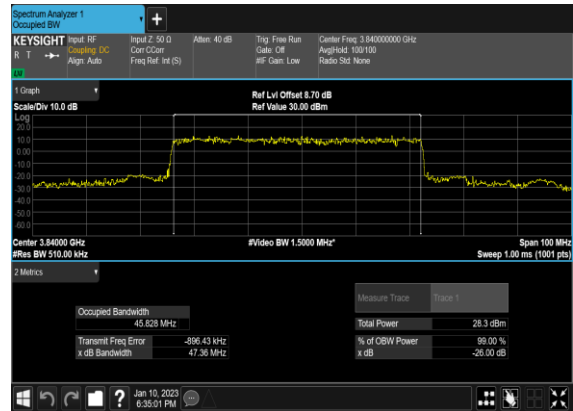
### N77(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



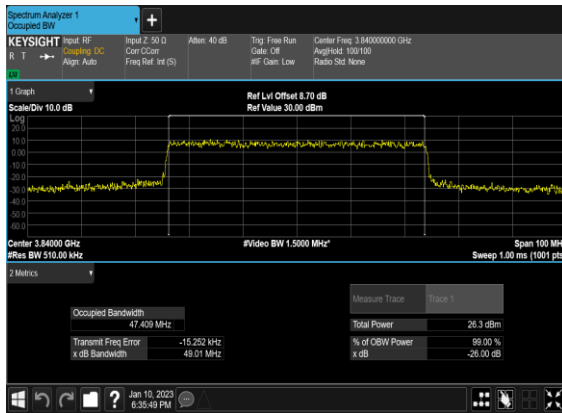
### N77(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



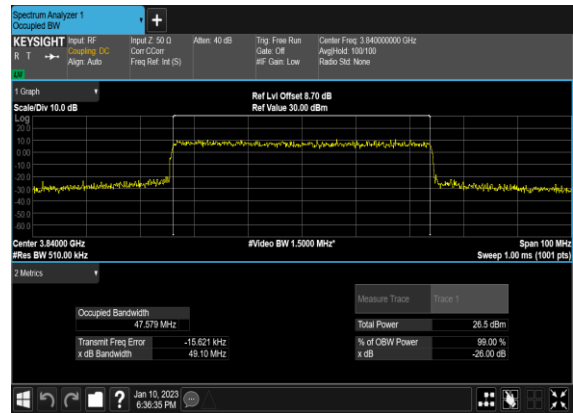
### N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



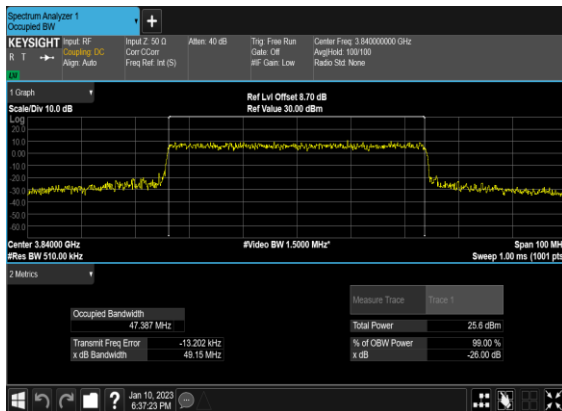
### N77(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



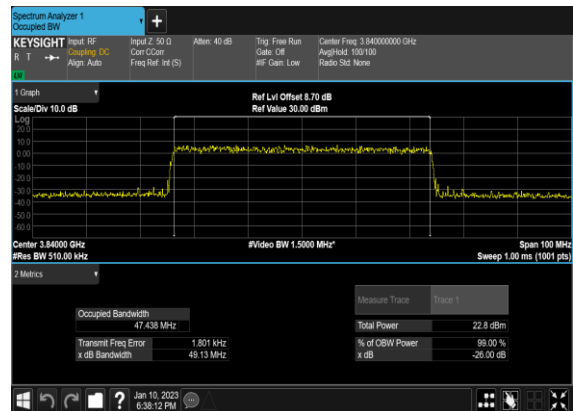
### N77(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



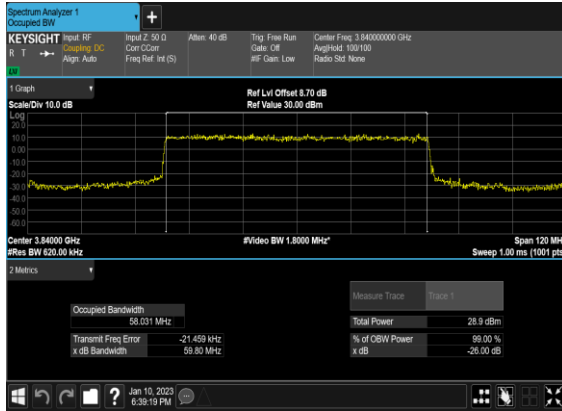
### N77(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



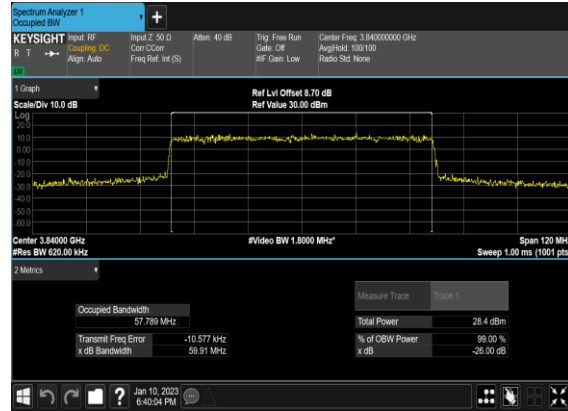
### N77(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N77(60M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



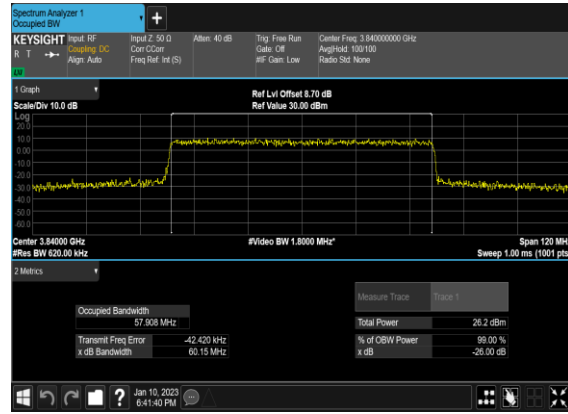
### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



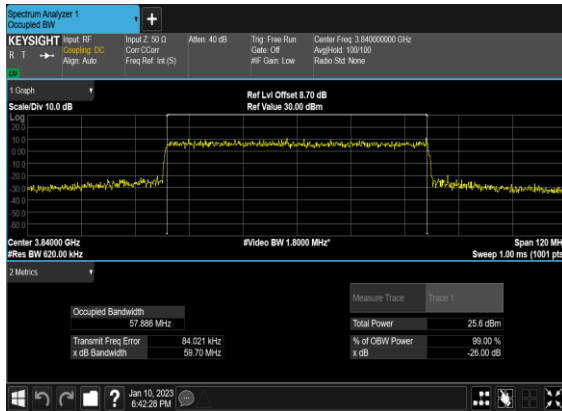
### N77(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



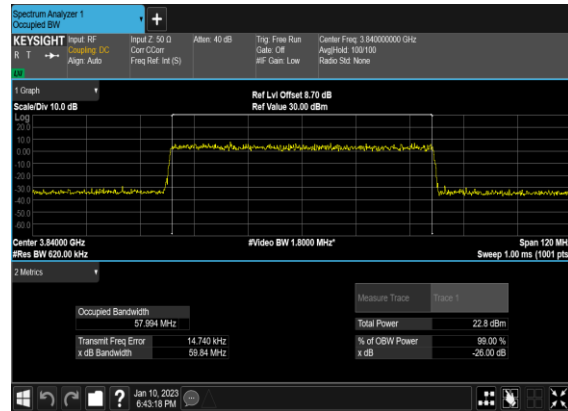
### N77(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



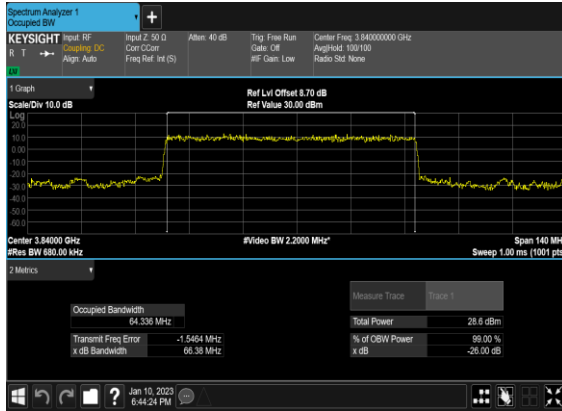
### N77(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



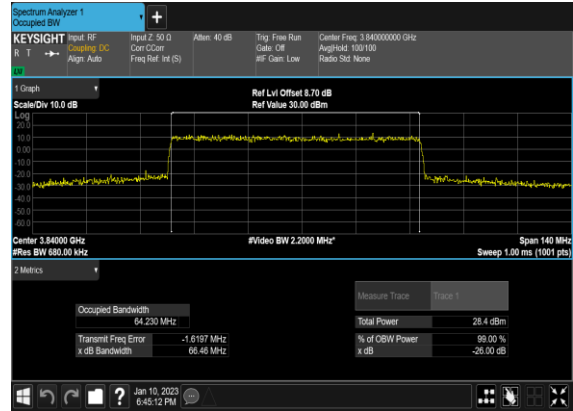
### N77(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



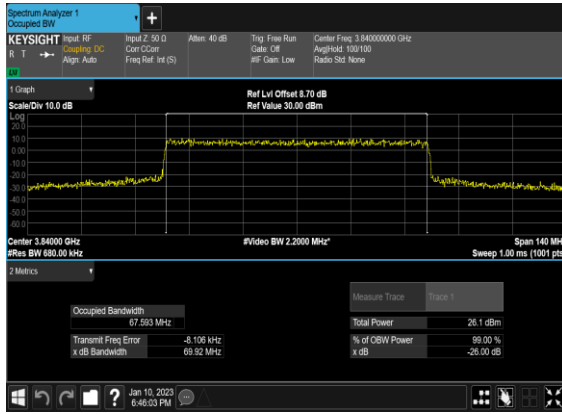
### N77(70M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N77(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N77(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



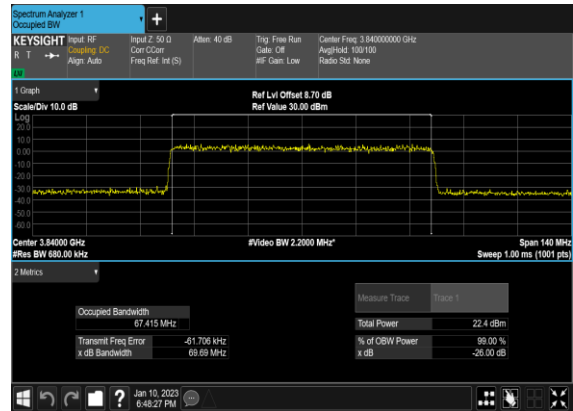
### N77(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



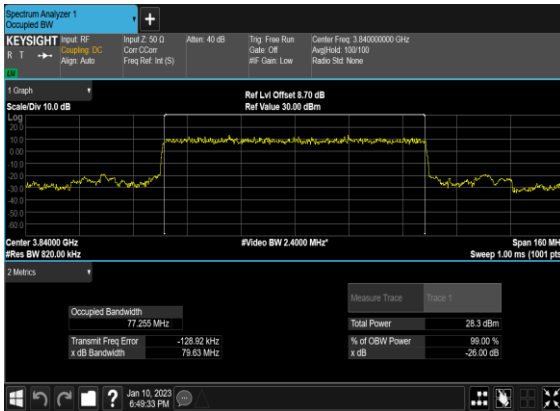
### N77(70M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



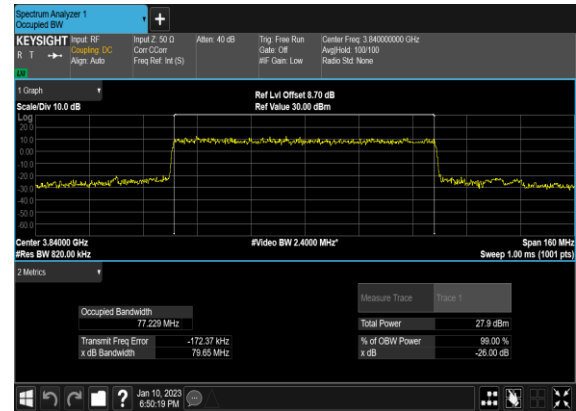
### N77(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N77(80M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



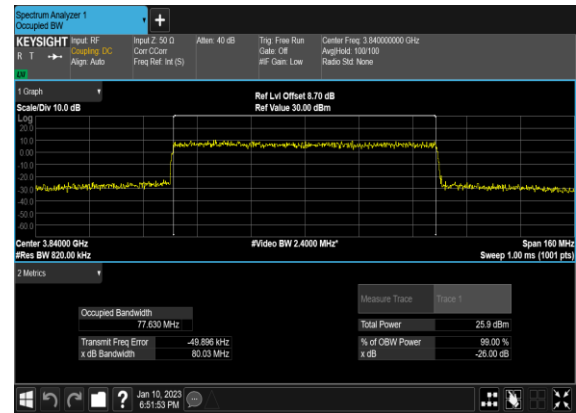
### N77(80M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



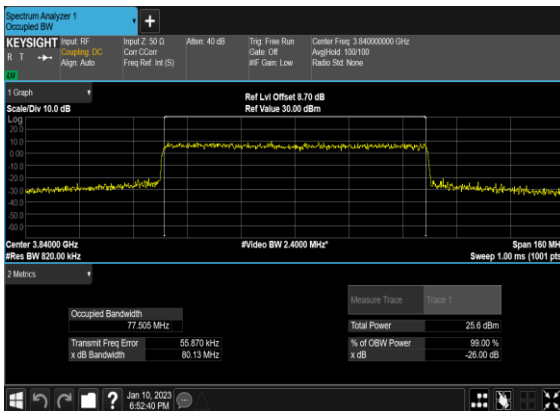
### N77(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



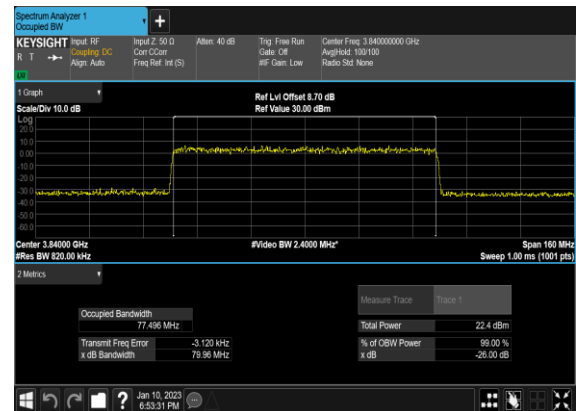
### N77(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



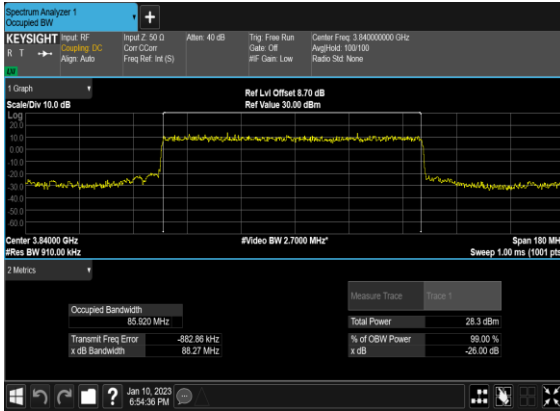
### N77(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



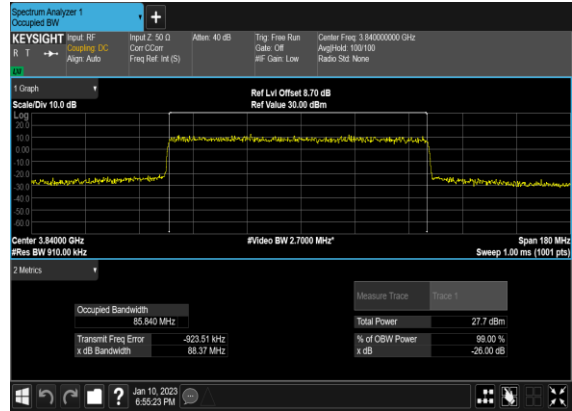
### N77(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N77(90M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N77(90M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



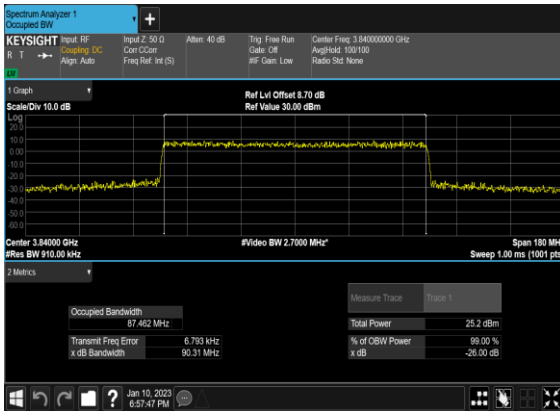
### N77(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



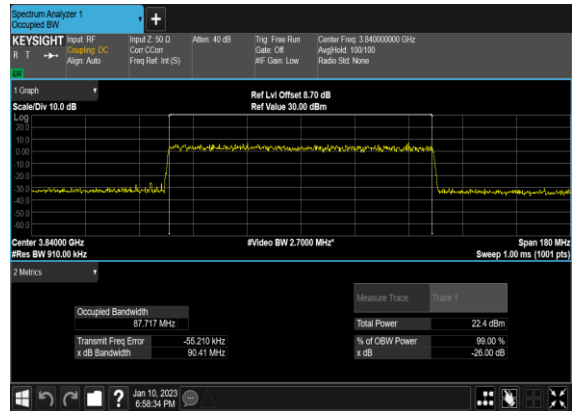
### N77(90M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



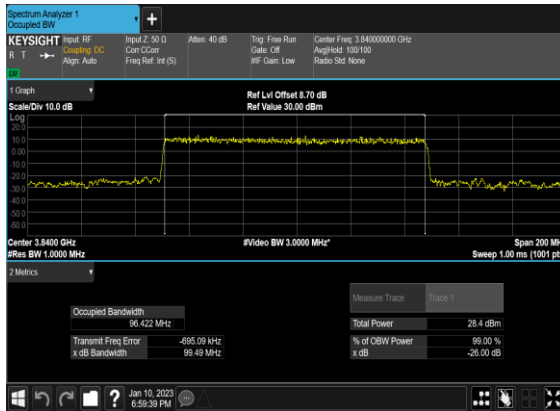
### N77(90M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



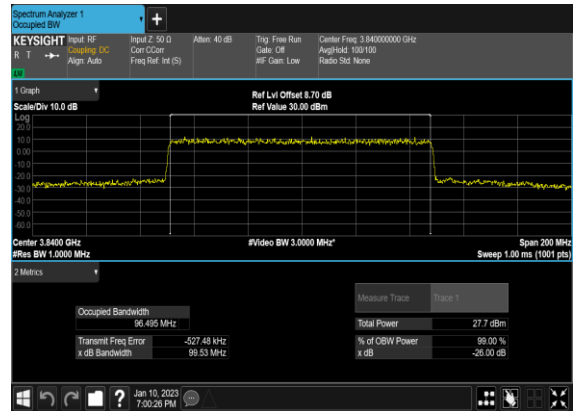
### N77(90M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N77(100M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



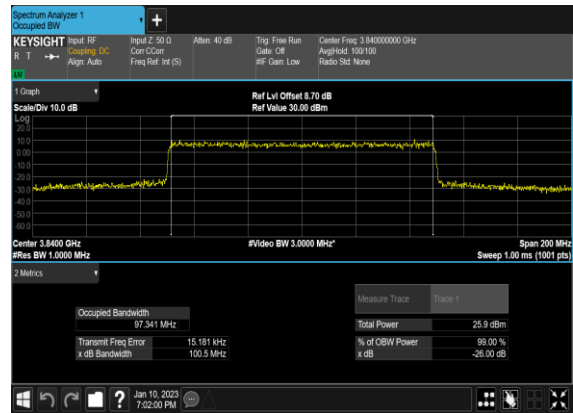
### N77(100M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



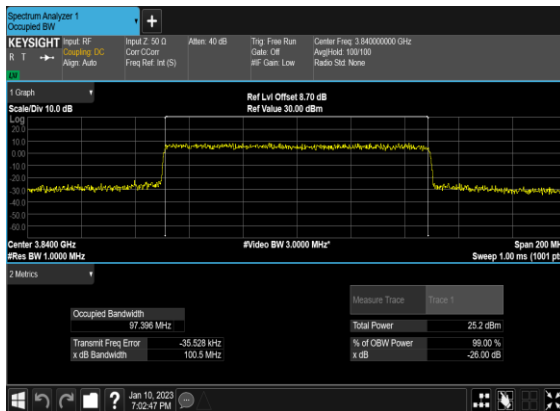
### N77(100M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



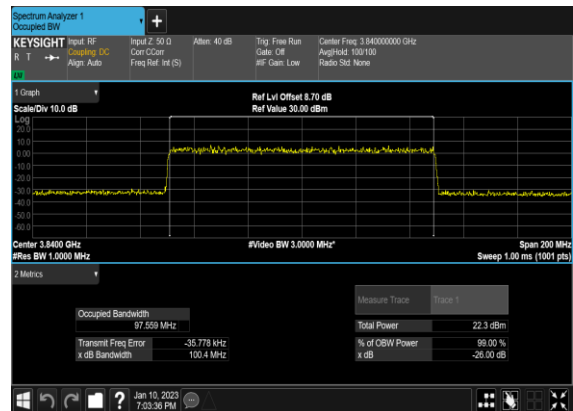
### N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N77(100M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### 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	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---

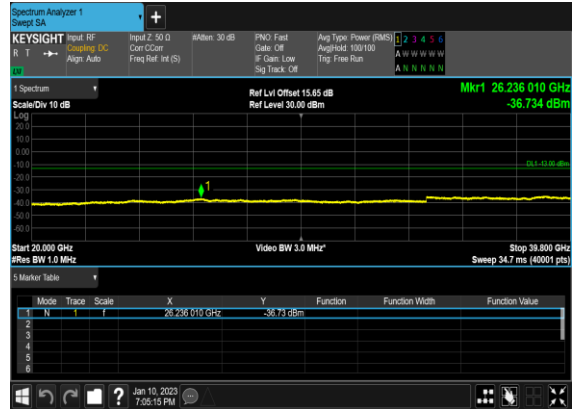
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	50	663666	3954.99	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>

N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



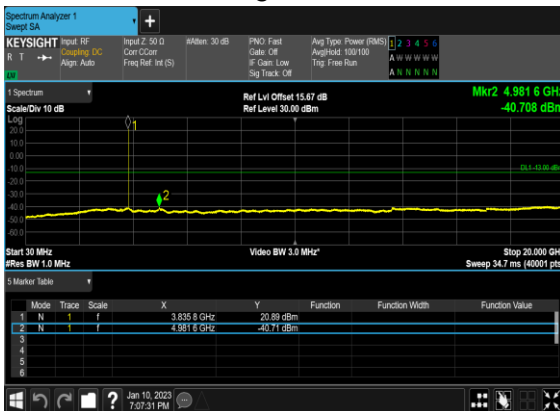
N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



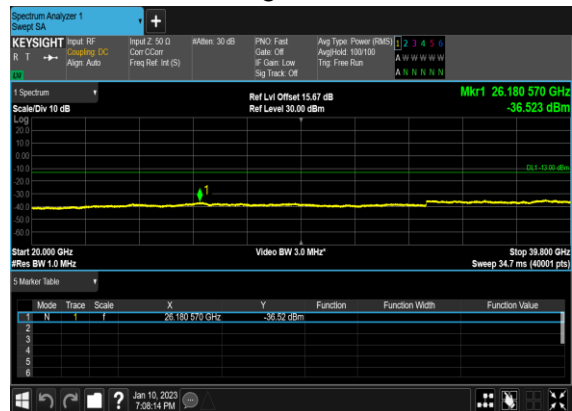
N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



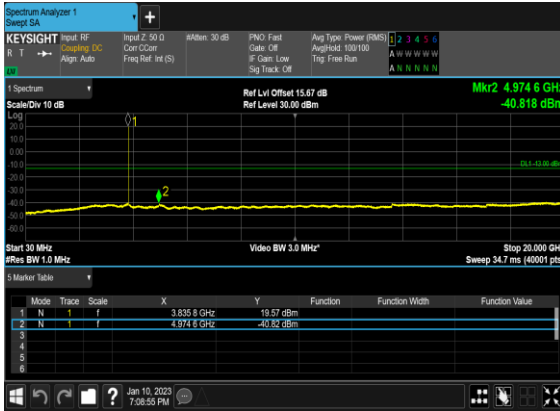
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



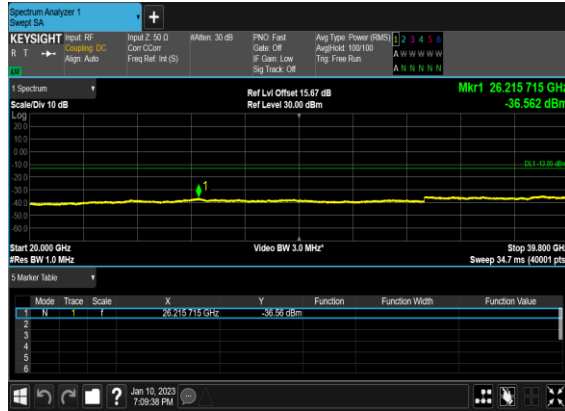
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



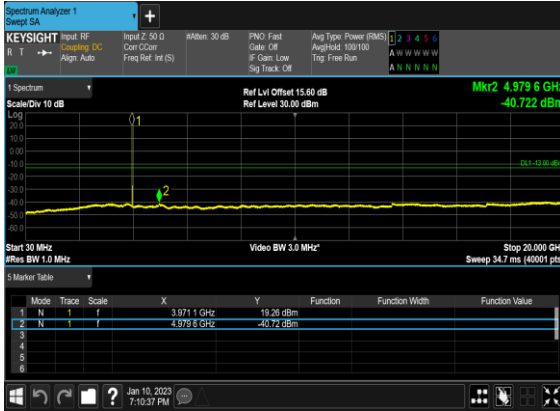
### N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



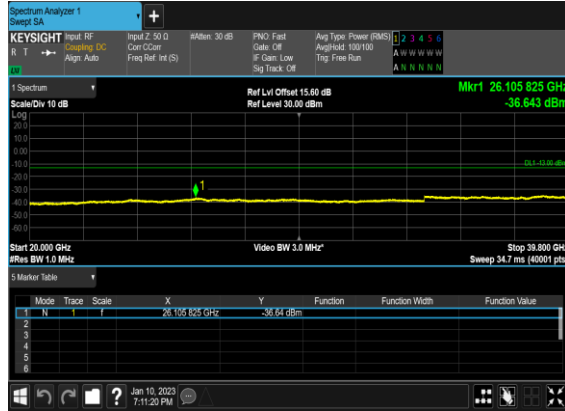
### N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



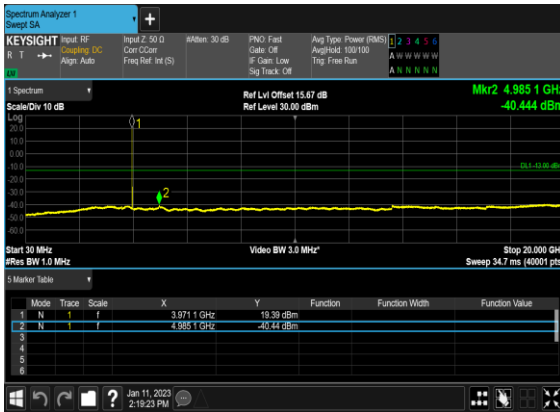
### N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



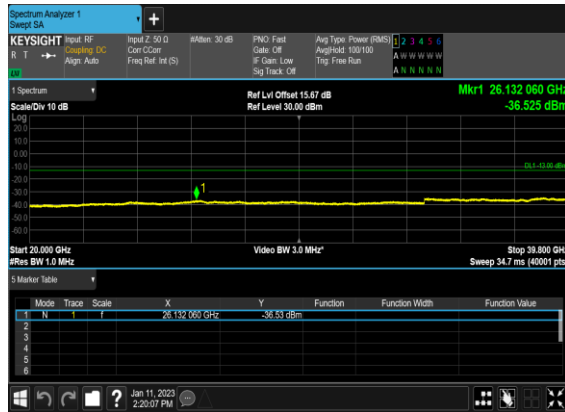
### N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



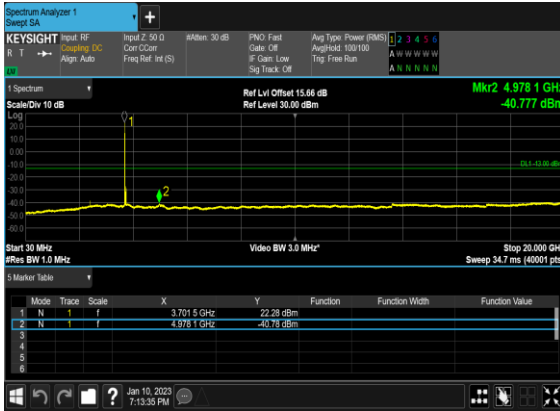
### N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



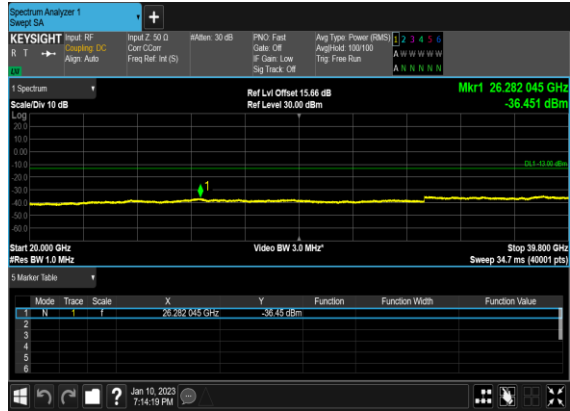
### N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



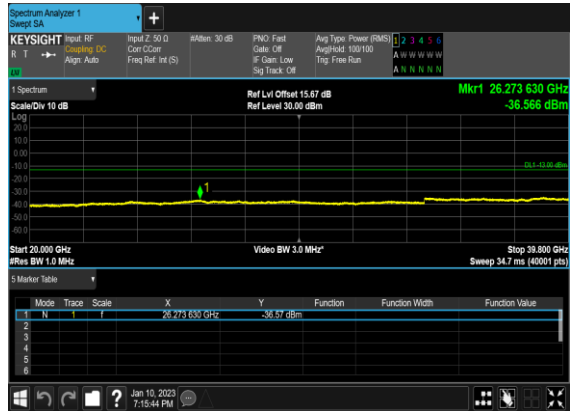
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



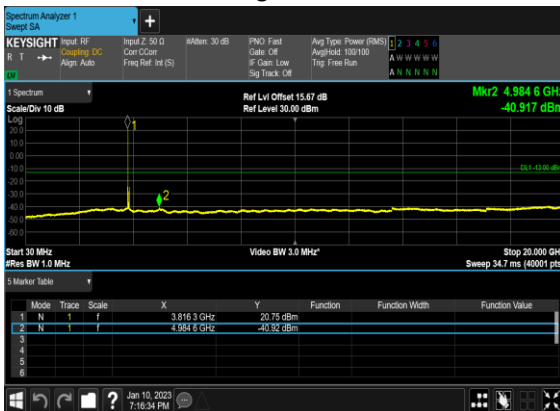
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



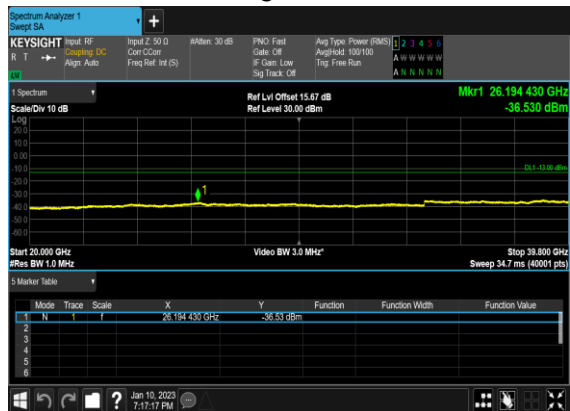
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



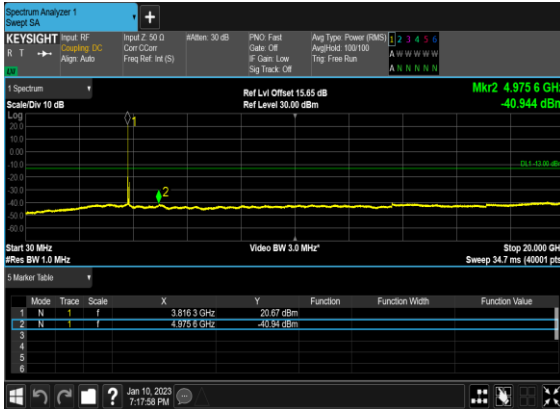
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



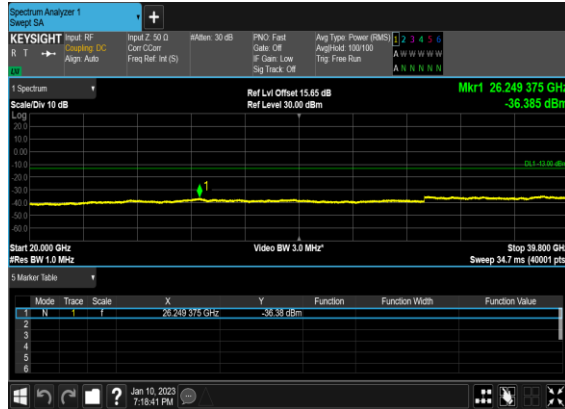
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



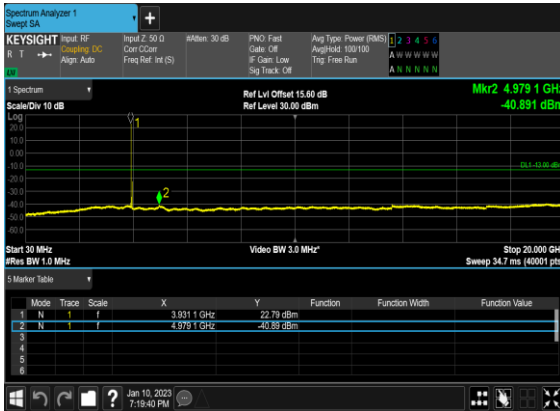
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



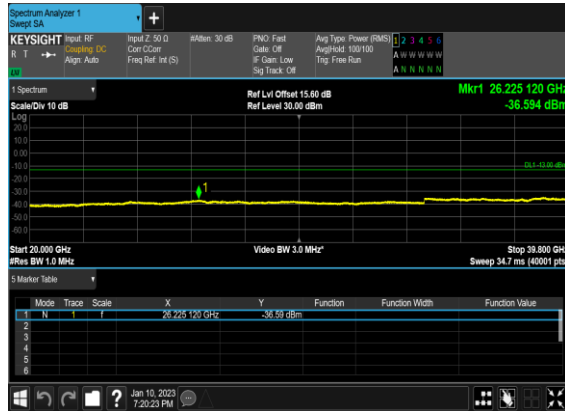
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



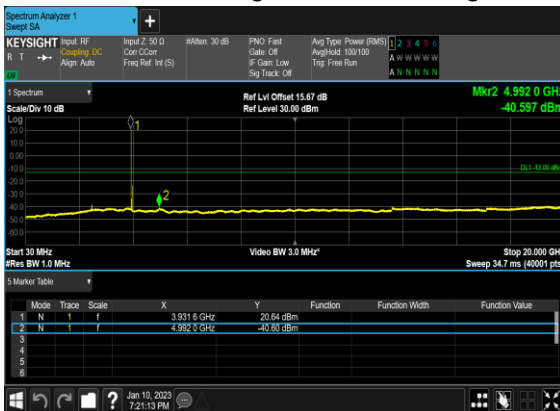
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



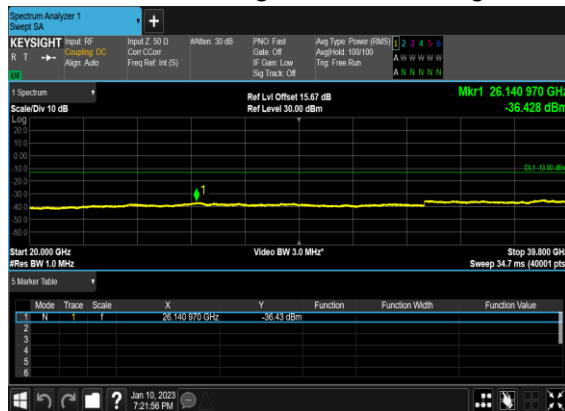
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



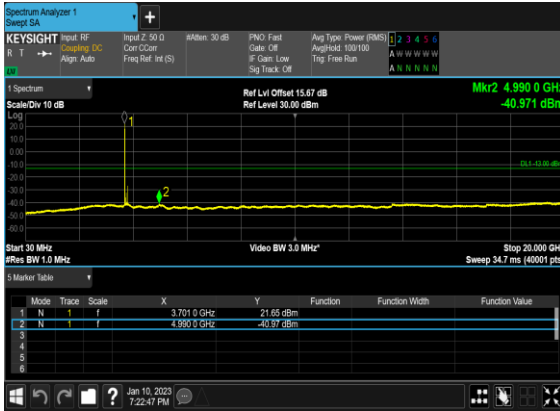
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



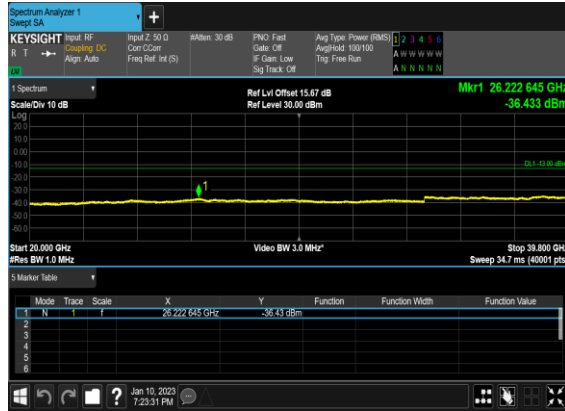
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



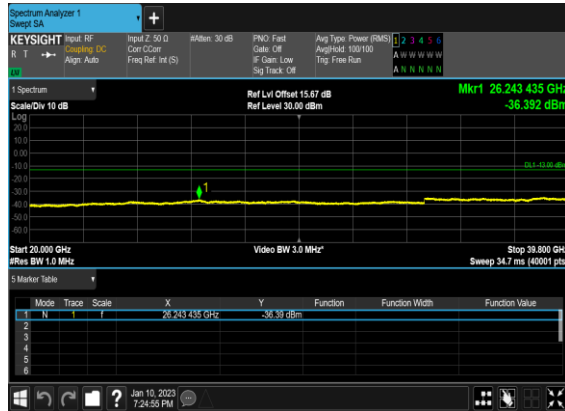
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



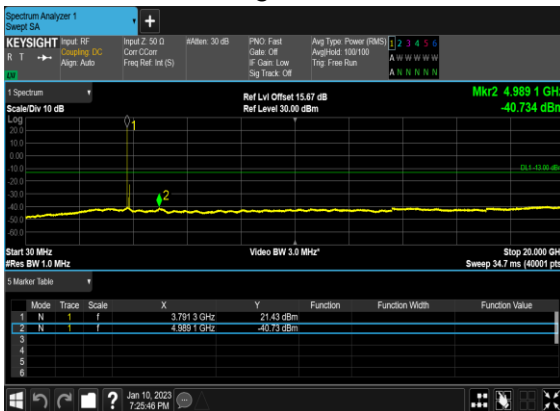
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



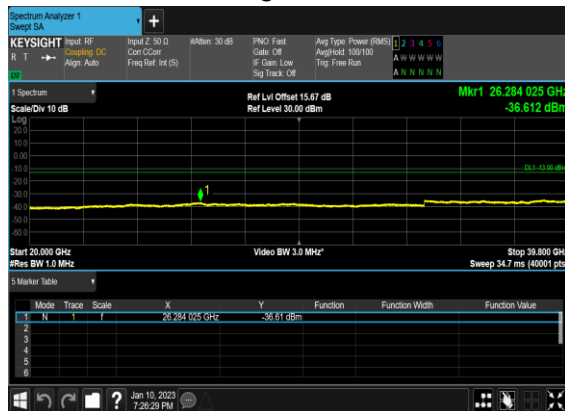
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

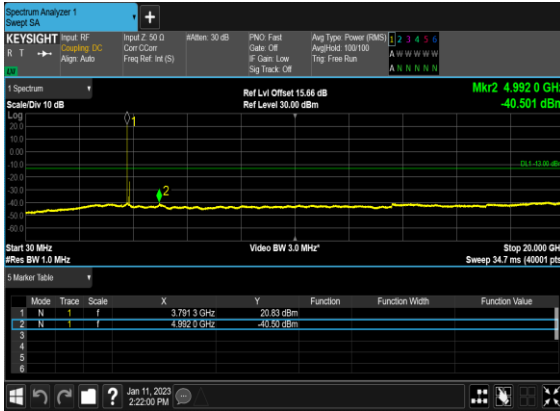


N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

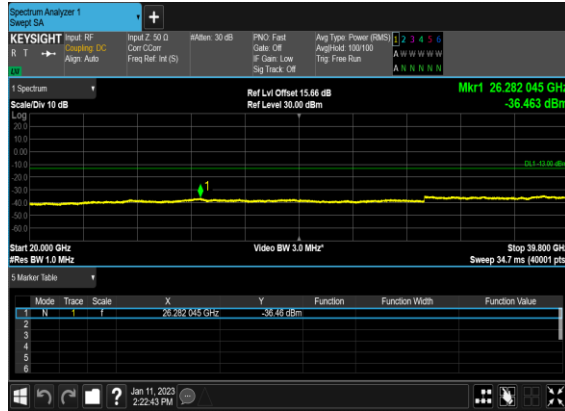




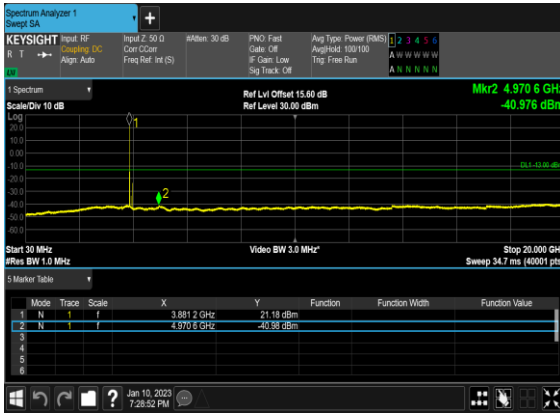
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



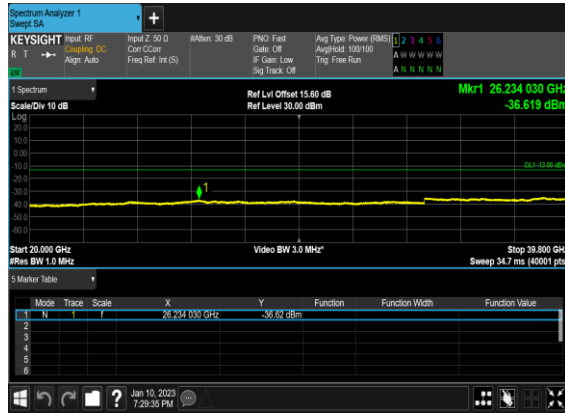
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



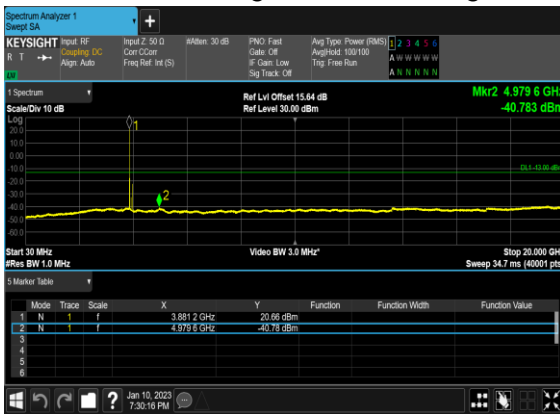
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



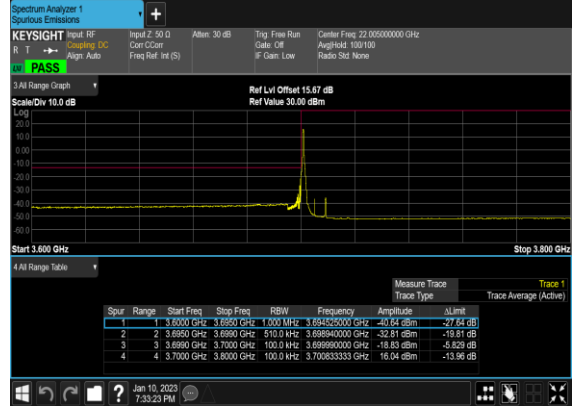
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	128@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

N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



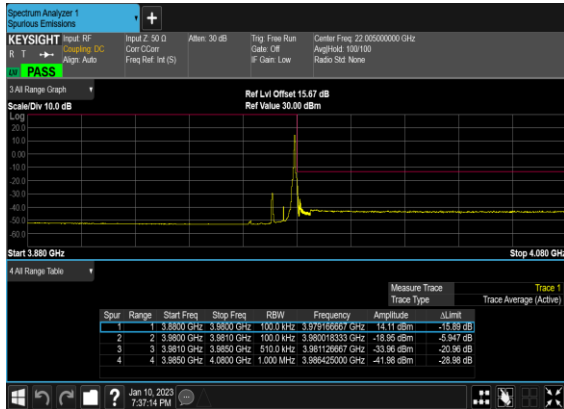
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



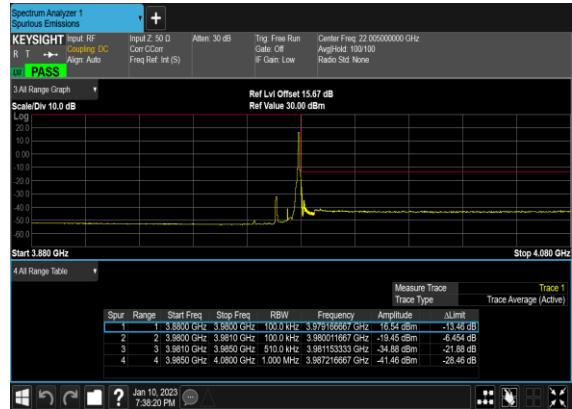
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



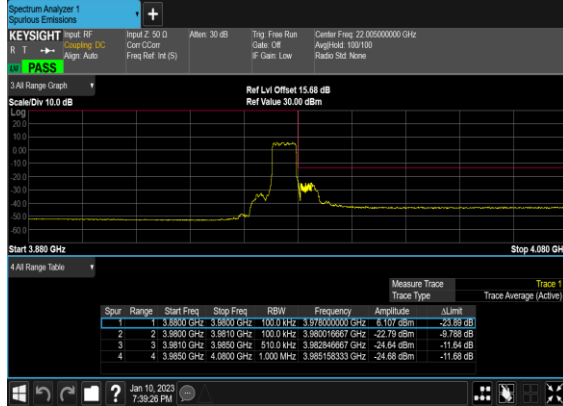
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



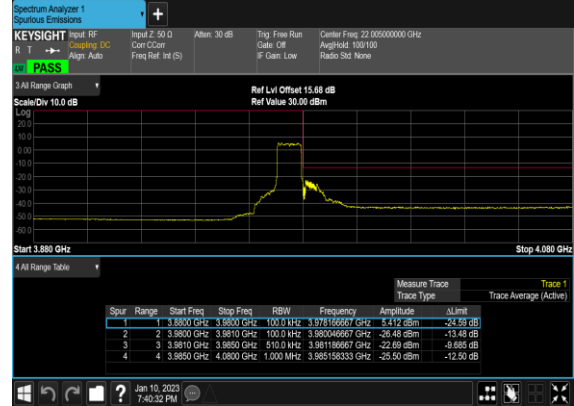
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



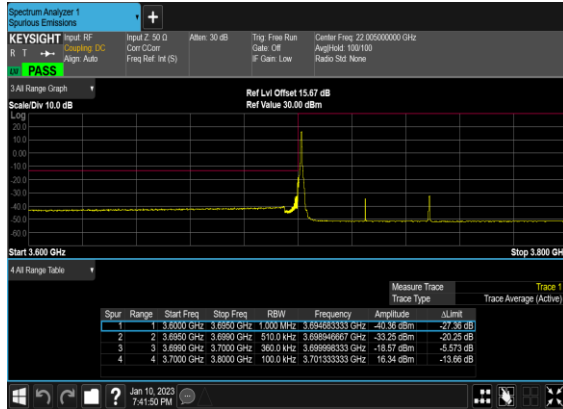
N77(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



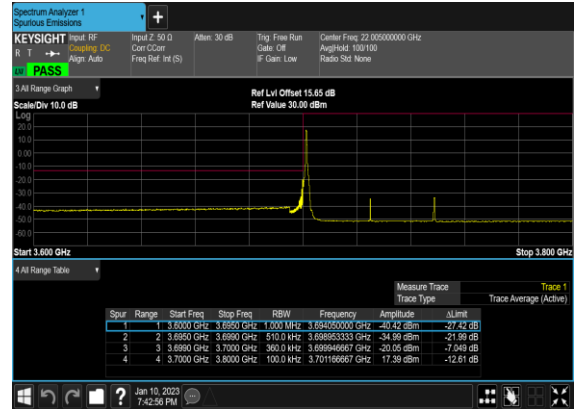
N77(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



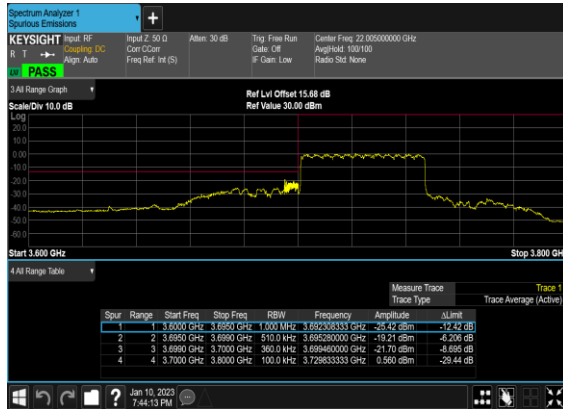
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



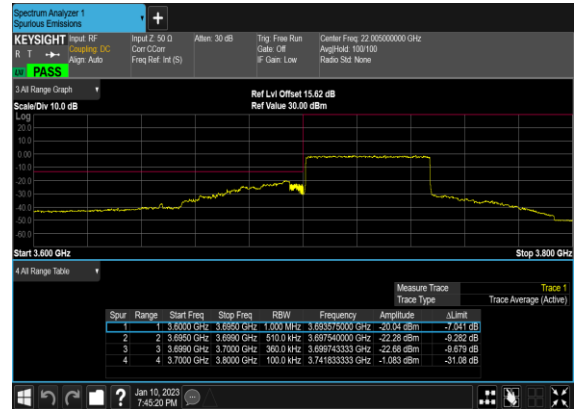
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



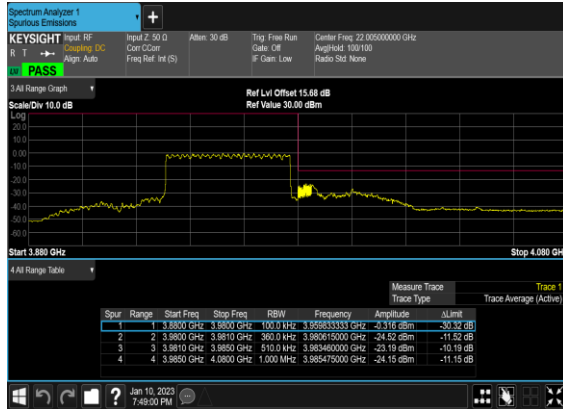
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



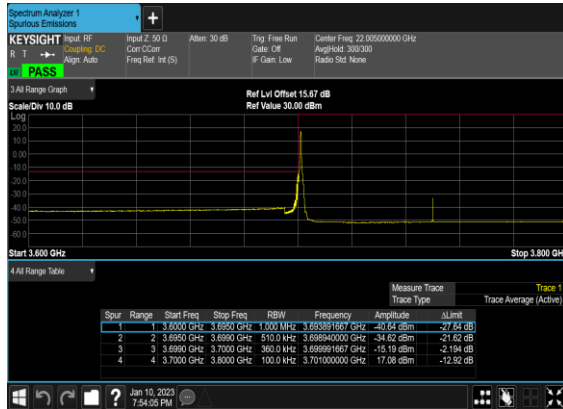
N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



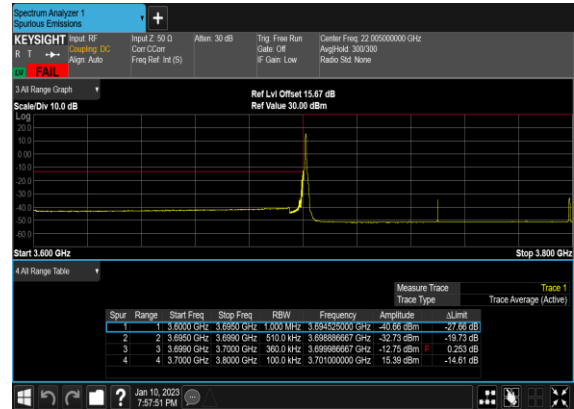
N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



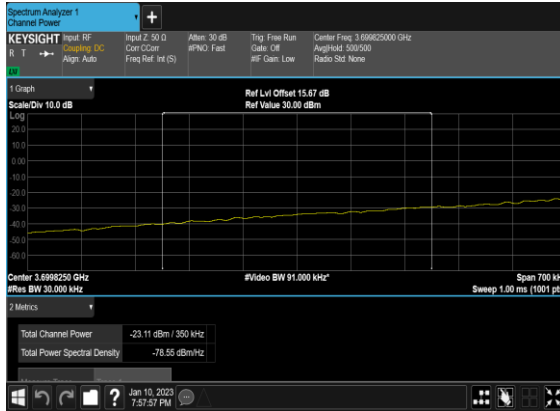
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



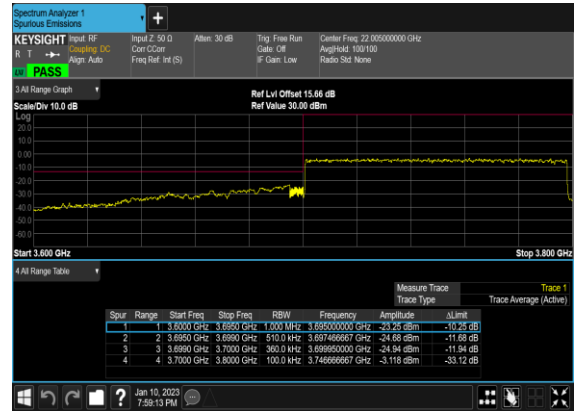
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



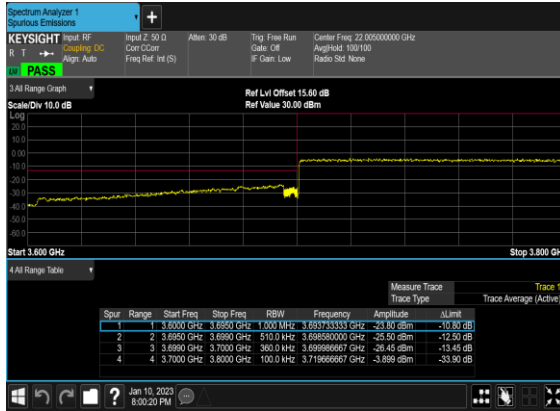
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH  
CHP\_PASS



N77(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



N77(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



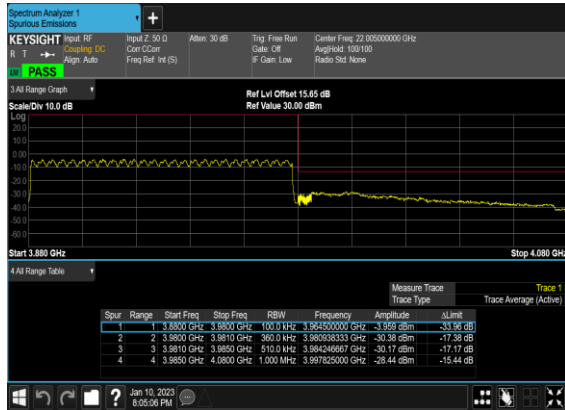
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



# N77(100M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N78

## (Ant. 6)

### Transmitter Conducted Output Power And EIRP, $(G_T - L_C)=2.0\text{dB}$

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.48	28.48	0.7047
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.48	27.48	0.5598
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	26.31	28.31	0.6776
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.23	27.23	0.5284
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.07	28.07	0.6412
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.03	27.03	0.5047
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	26.74	28.74	0.7482
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	25.62	27.62	0.5781
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	26.53	28.53	0.7129
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.57	27.57	0.5715
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	26.28	28.28	0.6730
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	25.3	27.3	0.5370
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.73	28.73	0.7464
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.67	27.67	0.5848
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.5	28.5	0.7079
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.49	27.49	0.5610
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.33	28.33	0.6808
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.36	27.36	0.5445
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	26.69	28.69	0.7396
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.77	27.77	0.5984
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.61	28.61	0.7261
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.64	27.64	0.5808



78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	26.37	28.37	0.6871
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	25.46	27.46	0.5572
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.87	28.87	0.7709
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.78	27.78	0.5998
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.7	28.7	0.7413
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.73	27.73	0.5929
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.53	28.53	0.7129
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.56	27.56	0.5702
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.51	28.51	0.7096
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.51	27.51	0.5636
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.35	28.35	0.6839
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.41	27.41	0.5508
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	26.33	28.33	0.6808
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.38	27.38	0.5470
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	26.49	28.49	0.7063
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.44	27.44	0.5546
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	26.32	28.32	0.6792
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.48	27.48	0.5598
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	26.24	28.24	0.6668
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	25.34	27.34	0.5420
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	26.43	28.43	0.6966
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	25.58	27.58	0.5728
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	26.3	28.3	0.6761
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.47	27.47	0.5585
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	26.29	28.29	0.6745
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	25.41	27.41	0.5508
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	26.35	28.35	0.6839
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.49	27.49	0.5610

78	30	80	650000	3740.01	DFT-s-OFDM QPSK	1@1	26.36	28.36	0.6855
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.4	27.4	0.5495
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	26.32	28.32	0.6792
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	25.4	27.4	0.5495
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	26.35	28.35	0.6839
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	25.51	27.51	0.5636
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26.36	28.36	0.6855
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.4	27.4	0.5495
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.41	28.41	0.6934
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	25.42	27.42	0.5521
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.71	28.71	0.7430
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.88	28.88	0.7727
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.47	28.47	0.7031
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.68	28.68	0.7379
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.68	28.68	0.7379
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.35	28.35	0.6839
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.67	27.67	0.5848
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.9	27.9	0.6166
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.57	27.57	0.5715
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	24.18	26.18	0.4150
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.32	26.32	0.4285
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	24.09	26.09	0.4064
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	22.17	24.17	0.2612
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.16	24.16	0.2606
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.89	23.89	0.2449
78	30	100	650000	3750	CP-OFDM QPSK	137@68	25.14	27.14	0.5176
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.26	27.26	0.5321
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.93	26.93	0.4932



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

SA n5 / NR 20MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-63.86	-13	-50.86	-70.83	1.58	10.70	H
	2480	-59.76	-13	-46.76	-68.01	2.102	12.50	H
	3312	-59.44	-13	-46.44	-68.33	2.856	13.90	H
	1656	-62.75	-13	-49.75	-69.72	1.58	10.70	V
	2480	-58.13	-13	-45.13	-66.38	2.10	12.50	V
	3312	-59.78	-13	-46.78	-68.67	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-64.17	-13	-51.17	-71.14	1.58	10.70	H
	2480	-60.31	-13	-47.31	-68.56	2.102	12.50	H
	3312	-59.94	-13	-46.94	-68.83	2.856	13.90	H
	1656	-63.27	-13	-50.27	-70.24	1.58	10.70	V
	2480	-58.18	-13	-45.18	-66.43	2.10	12.50	V
	3312	-59.90	-13	-46.90	-68.79	2.86	13.90	V

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



SA n7 / NR 40MHz / QPSK / ANT3								
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)
Middle	5032	-64.77	-25	-39.77	-74.98	3.03	13.24	H
	7552	-63.67	-25	-38.67	-73.12	3.56	13.01	H
	10070	-62.25	-25	-37.25	-71.77	3.92	13.44	H
	5032	-64.68	-25	-39.68	-74.89	3.03	13.24	V
	7552	-63.46	-25	-38.46	-72.91	3.56	13.01	V
	10070	-62.46	-25	-37.46	-71.98	3.92	13.44	V

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

SA n41 / NR 100MHz / QPSK / ANT3								
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)
Middle	5096	-65.15	-25	-40.15	-75.36	3.03	13.24	H
	7632	-60.56	-25	-35.56	-70.01	3.56	13.01	H
	10190	-61.60	-25	-36.60	-71.12	3.92	13.44	H
	5096	-65.16	-25	-40.16	-75.37	3.03	13.24	V
	7632	-62.79	-25	-37.79	-72.24	3.56	13.01	V
	10190	-61.65	-25	-36.65	-71.17	3.92	13.44	V

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

SA n77 / NR 100MHz / QPSK / ANT7								
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)
Middle	7590	-63.69	-13	-50.69	-73.90	3.03	13.24	H
	11388	-61.53	-13	-48.53	-70.98	3.56	13.01	H
	15180	-59.79	-13	-46.79	-69.31	3.92	13.44	H
	7590	-63.46	-13	-50.46	-73.67	3.03	13.24	V
	11388	-61.57	-13	-48.57	-71.02	3.56	13.01	V
	15180	-59.87	-13	-46.87	-69.39	3.92	13.44	V

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



SA n78 / NR 100MHz / QPSK / ANT7								
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)
Middle	7410	-63.51	-13	-50.51	-73.72	3.03	13.24	H
	11106	-57.83	-13	-44.83	-67.28	3.56	13.01	H
	14820	-59.83	-13	-46.83	-69.35	3.92	13.44	H
	7410	-63.75	-13	-50.75	-73.96	3.03	13.24	V
	11106	-60.78	-13	-47.78	-70.23	3.56	13.01	V
	14820	-59.82	-13	-46.82	-69.34	3.92	13.44	V

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

EN-DC_7A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT2(LTE) & ANT7(NR)								
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)
Middle	7410	-63.50	-13	-50.50	-73.71	3.03	13.24	H
	11112	-60.47	-13	-47.47	-69.92	3.56	13.01	H
	14820	-60.18	-13	-47.18	-69.70	3.92	13.44	H
	7410	-63.45	-13	-50.45	-73.66	3.03	13.24	V
	11112	-61.41	-13	-48.41	-70.86	3.56	13.01	V
	14820	-60.16	-13	-47.16	-69.68	3.92	13.44	V

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