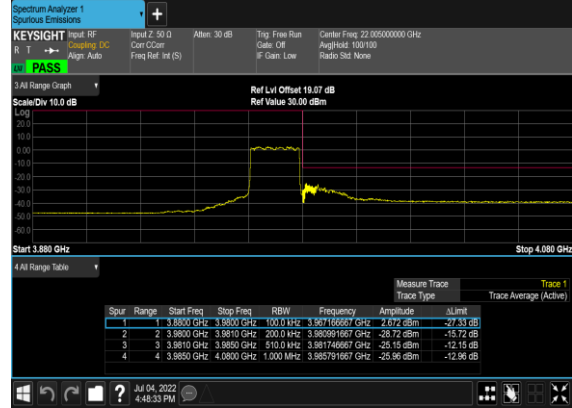


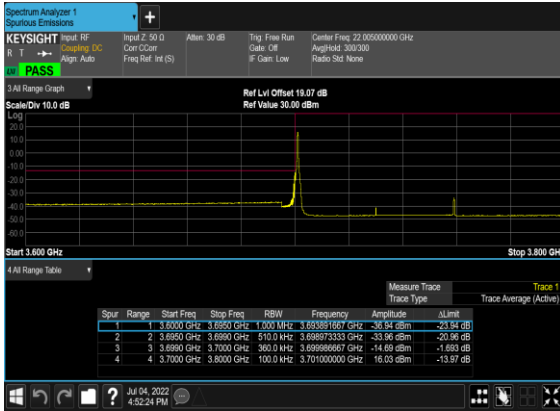
### N77(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



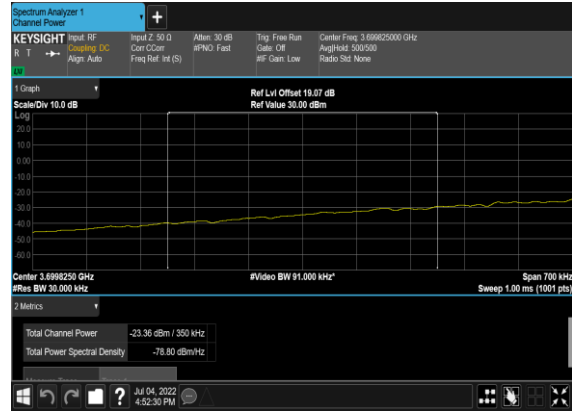
### N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



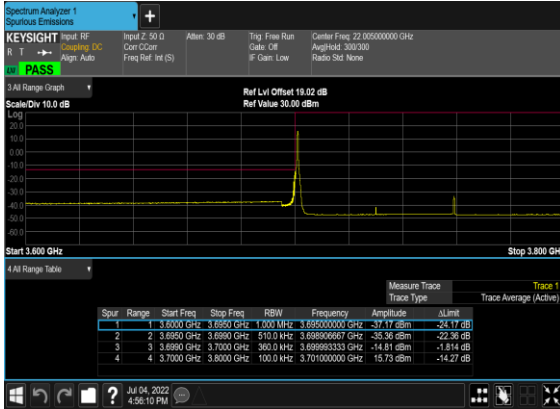
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



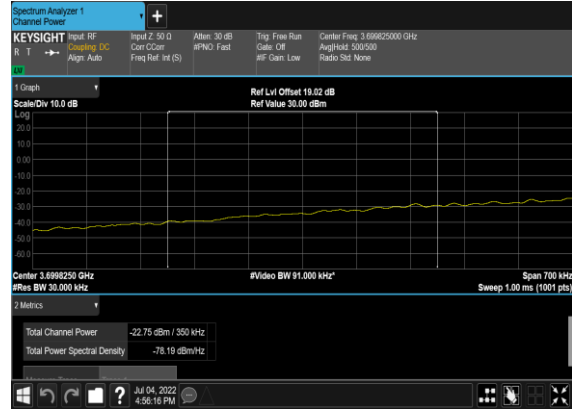
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



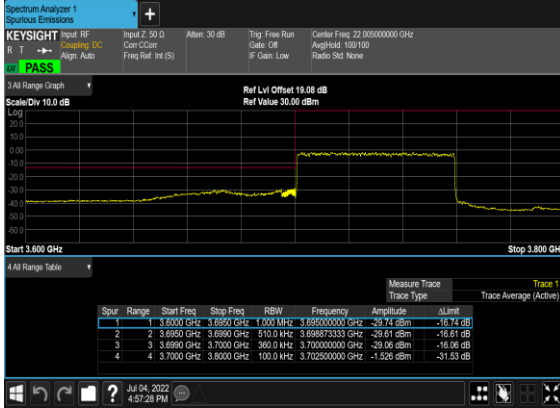
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



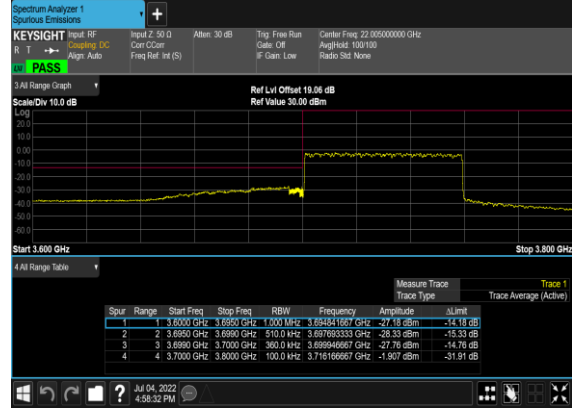
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



### N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



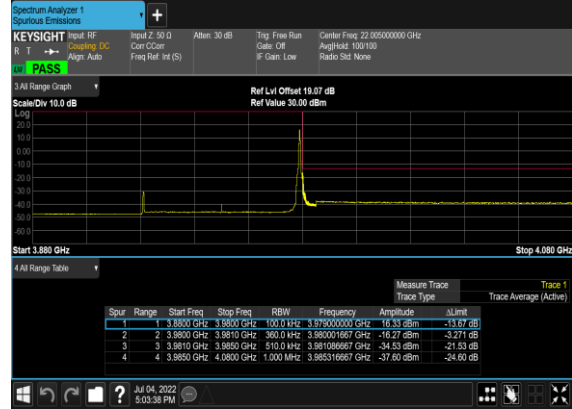
### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



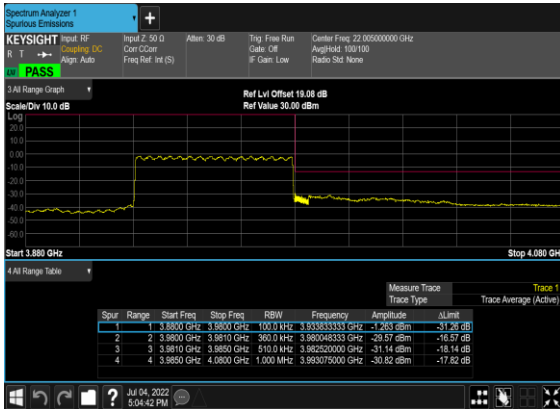
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



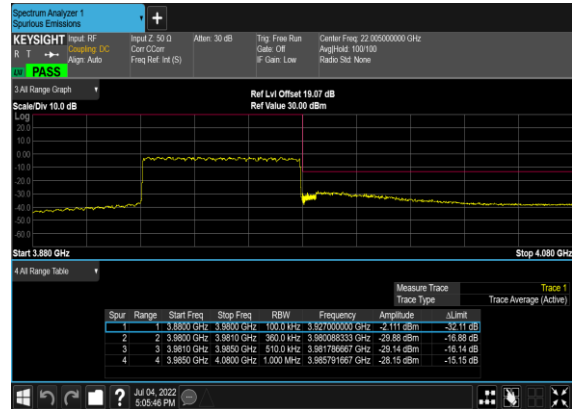
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



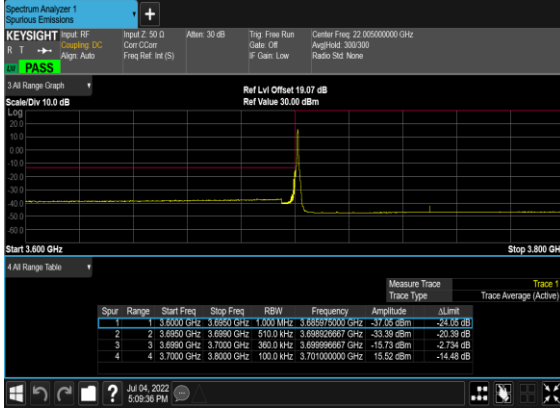
### N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



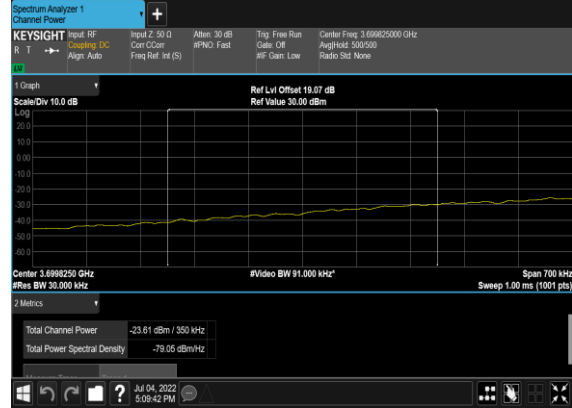
### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



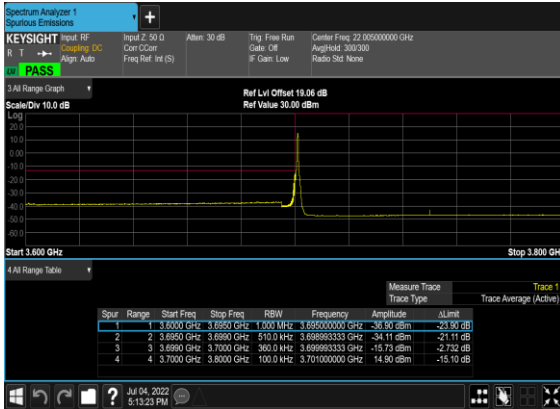
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



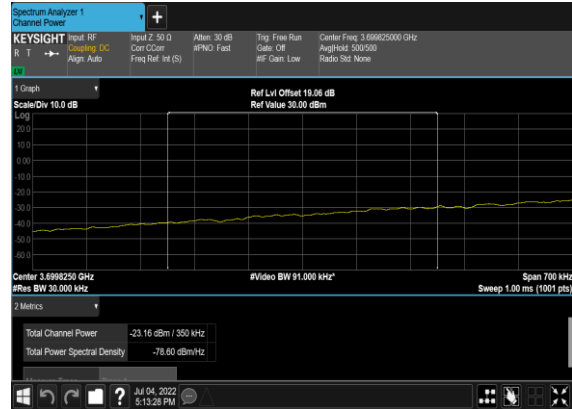
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



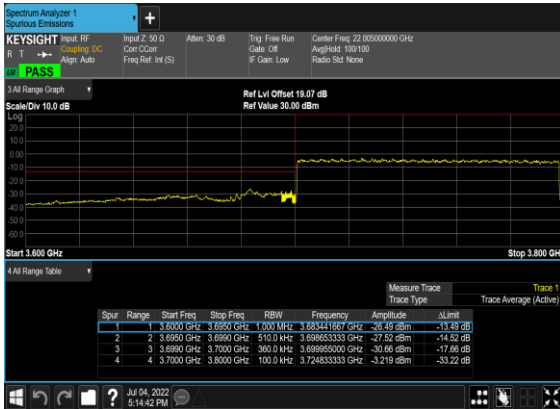
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



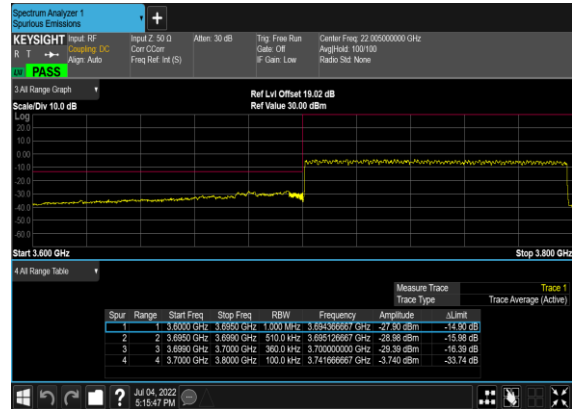
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



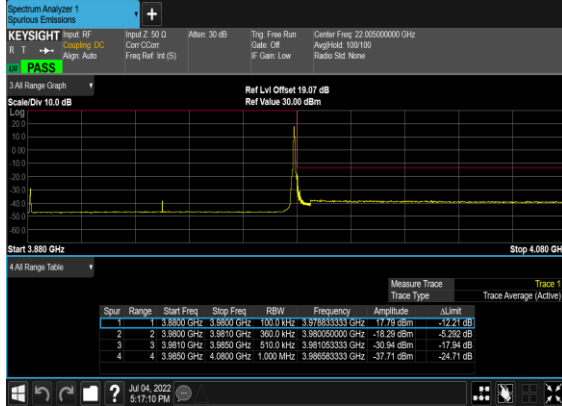
N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



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



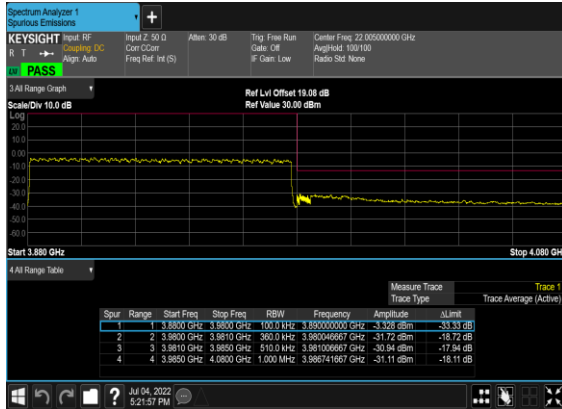
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



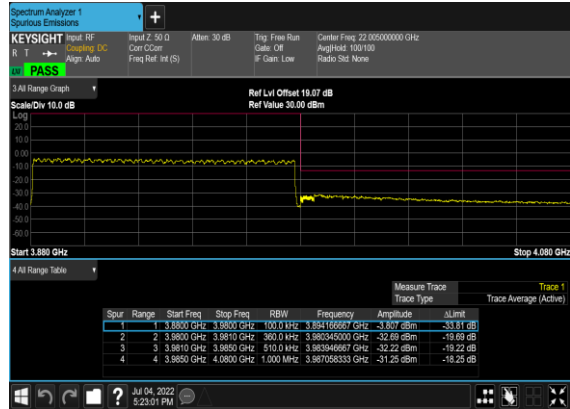
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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



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



## FR1 N78(ANT3)

### Conducted Output Power and EIRP (ANT gain=0.5dBi)

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.59	26.09	0.4064
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.81	25.31	0.3396
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.67	26.17	0.4140
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.82	25.32	0.3404
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.78	26.28	0.4246
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.99	25.49	0.3540
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.73	26.23	0.4198
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.97	25.47	0.3524
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.76	26.26	0.4227
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.98	25.48	0.3532
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.75	26.25	0.4217
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.78	25.28	0.3373
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.79	26.29	0.4256
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.04	25.54	0.3581
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.56	26.06	0.4036
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.92	25.42	0.3483
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.77	26.27	0.4236
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.06	25.56	0.3597
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.39	25.89	0.3882
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.63	25.13	0.3258
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.38	25.88	0.3873
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.74	25.24	0.3342
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.38	25.88	0.3873
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.59	25.09	0.3228
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.25	25.75	0.3758
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.43	24.93	0.3112
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.46	25.96	0.3945
78	30	60	650000	3750	DFT-s-OFDM	1@1	24.68	25.18	0.3296

					16 QAM				
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.29	25.79	0.3793
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.52	25.02	0.3177
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.35	25.85	0.3846
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.58	25.08	0.3221
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.39	25.89	0.3882
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.62	25.12	0.3251
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.3	25.8	0.3802
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.54	25.04	0.3192
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.29	25.79	0.3793
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.39	24.89	0.3083
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.37	25.87	0.3864
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.89	25.39	0.3459
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.26	25.76	0.3767
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.56	25.06	0.3206
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.28	25.78	0.3784
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.6	25.1	0.3236
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.36	25.86	0.3855
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.64	25.14	0.3266
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.31	25.81	0.3811
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.56	25.06	0.3206
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.39	25.89	0.3882
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.29	25.79	0.3793
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.55	26.05	0.4027
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.3	25.8	0.3802
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.36	25.86	0.3855
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.83	26.33	0.4295
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.33	24.83	0.3041
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.53	25.03	0.3184
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.73	25.23	0.3334
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.82	23.32	0.2148
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.69	23.19	0.2084
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.06	23.56	0.2270
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.84	21.34	0.1361

<b>78</b>	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.68	21.18	0.1312
<b>78</b>	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.93	21.43	0.1390
<b>78</b>	30	100	650000	3750	CP-OFDM QPSK	137@68	23.82	24.32	0.2704
<b>78</b>	30	100	650000	3750	CP-OFDM QPSK	1@1	23.77	24.27	0.2673
<b>78</b>	30	100	650000	3750	CP-OFDM QPSK	1@271	23.99	24.49	0.2812

## Occupied Bandwidth

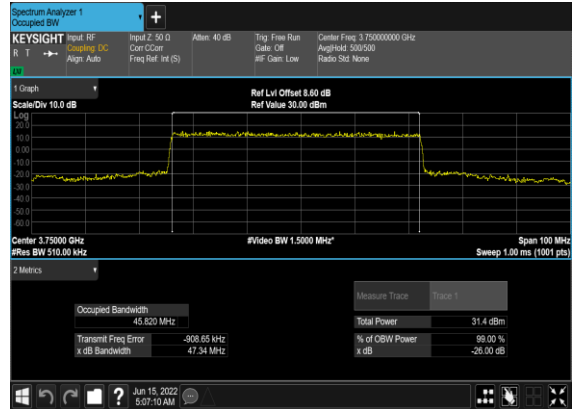
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
78	30	50	650000	3750.0	DFT-s-OFDM PI/2 BPSK	128@0	45.684	47.3
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	128@0	45.82	47.34
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.502	49.23
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.466	49.28
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.495	49.19
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.495	49.06
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	180@0	64.543	66.39
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	64.335	66.46
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.637	69.77
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.404	69.67
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.572	69.85
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.384	69.66
78	30	90	650000	3750.0	DFT-s-OFDM PI/2 BPSK	240@0	85.782	88.56
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	240@0	85.852	88.49
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.557	90.31
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.489	90.33
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.614	90.47
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.606	90.31



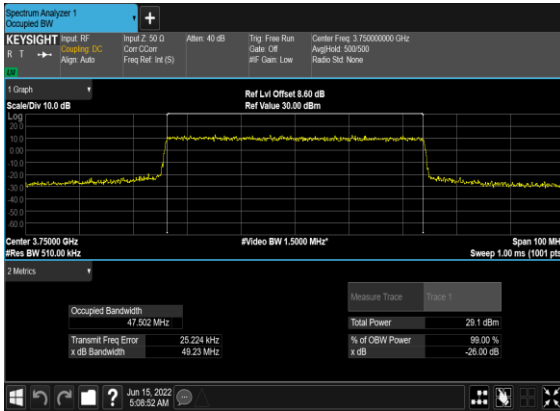
### N78(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



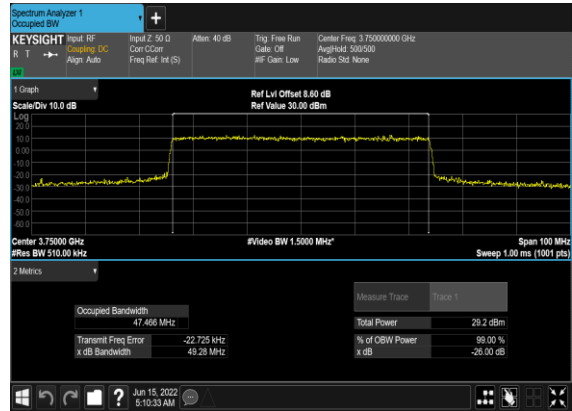
### N78(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



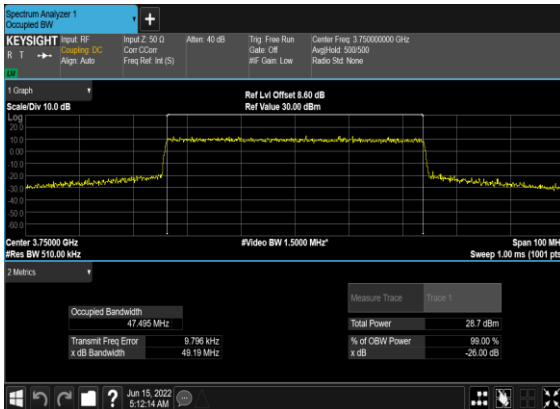
### N78(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



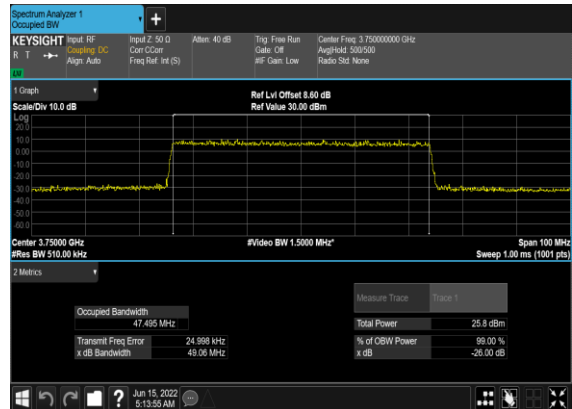
### N78(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



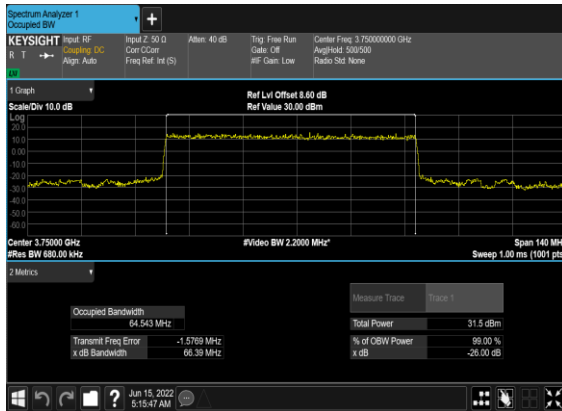
### N78(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



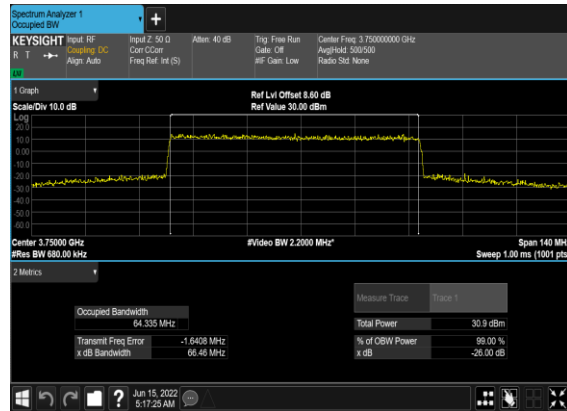
### N78(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



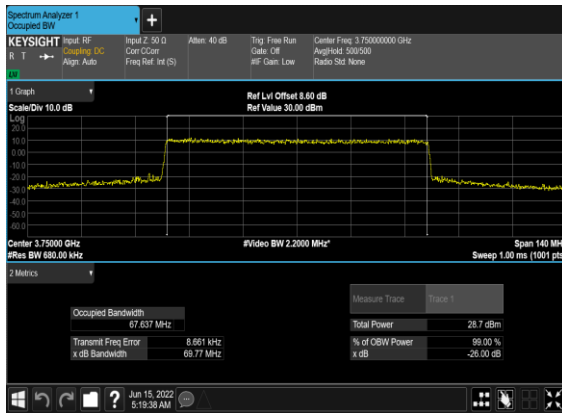
### N78(70M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



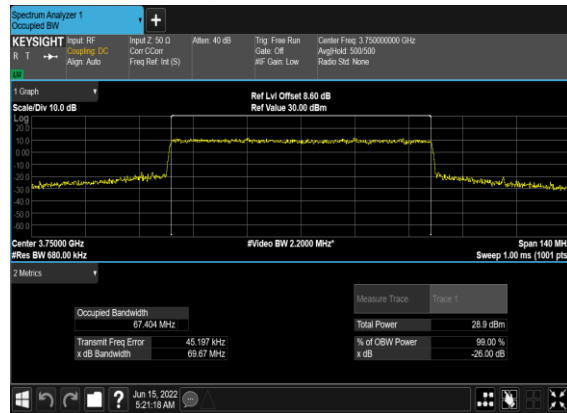
### N78(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



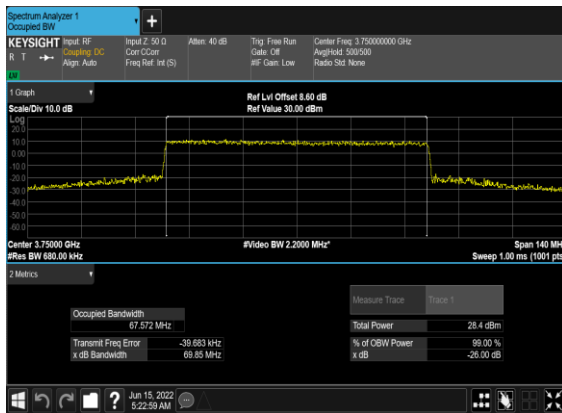
### N78(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



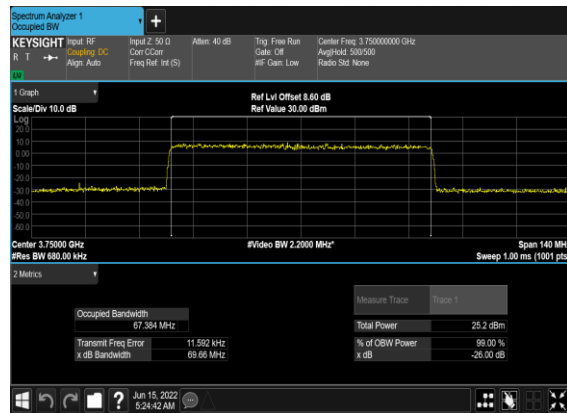
### N78(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



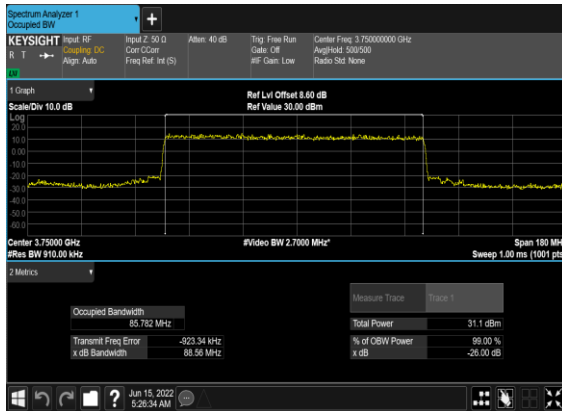
### N78(70M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



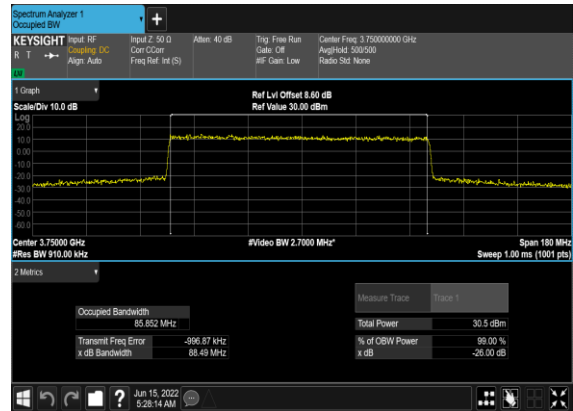
### N78(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



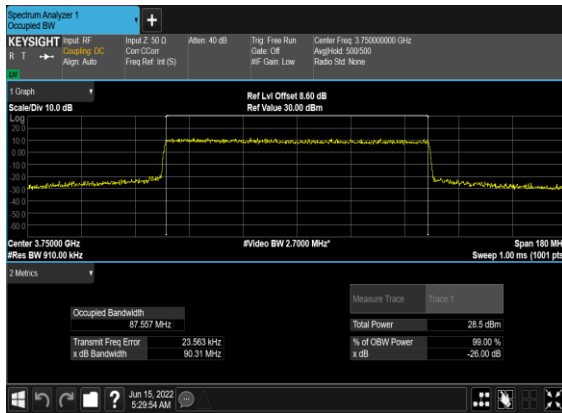
### N78(90M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



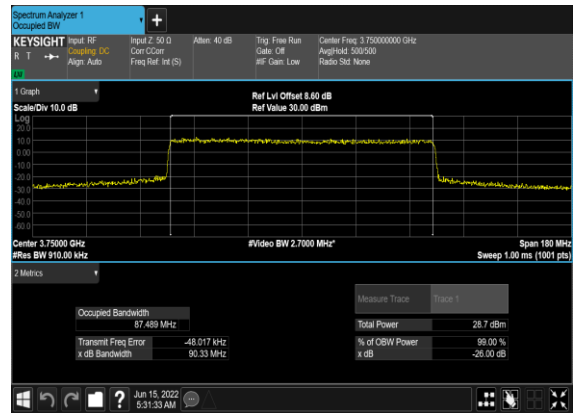
### N78(90M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



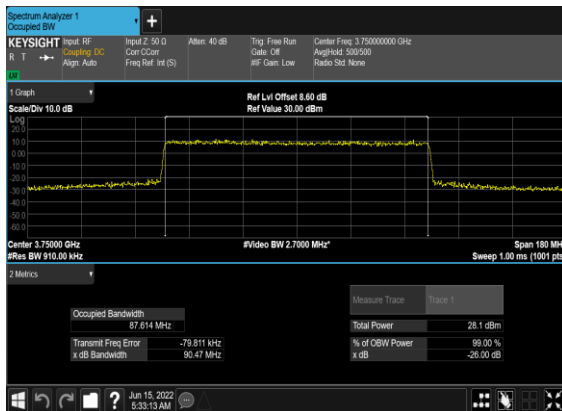
### N78(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



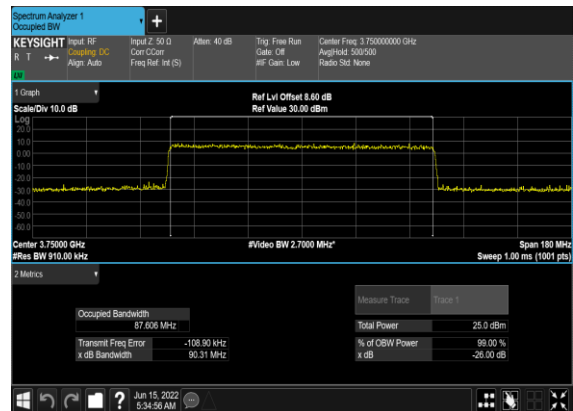
### N78(90M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N78(90M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



### N78(90M)\_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	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
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	---

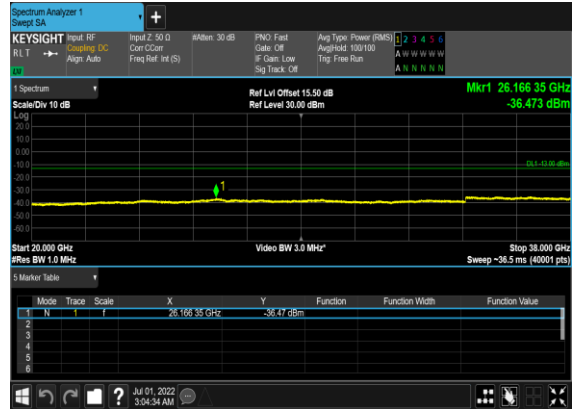
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	650000	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
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	90	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---

<b>78</b>	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
<b>78</b>	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
<b>78</b>	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@0	see graph	---
<b>78</b>	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
<b>78</b>	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
<b>78</b>	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@0	see graph	---
<b>78</b>	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
<b>78</b>	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



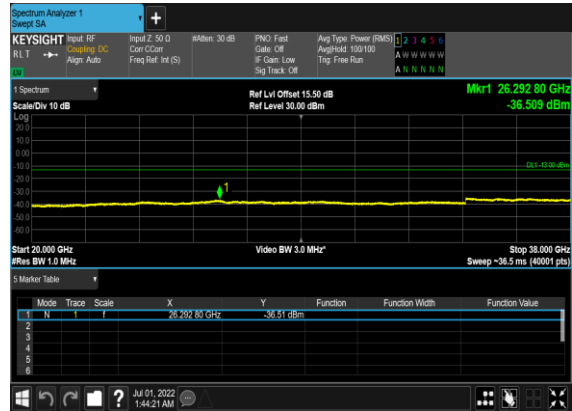
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



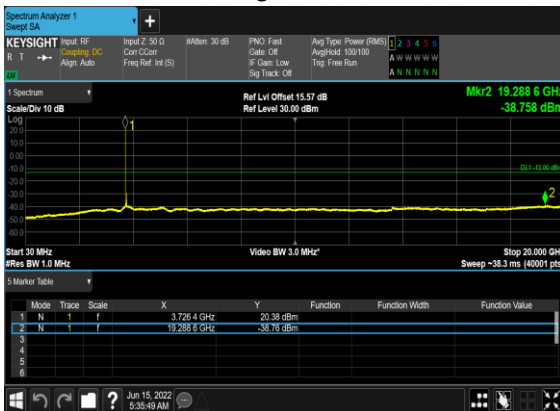
N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



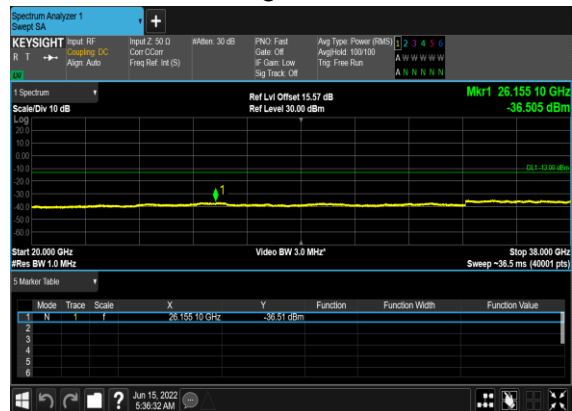
N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



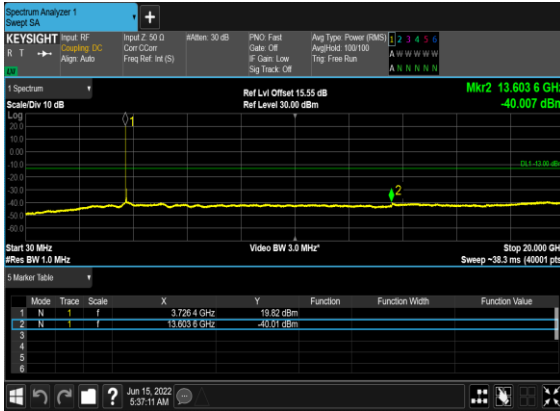
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



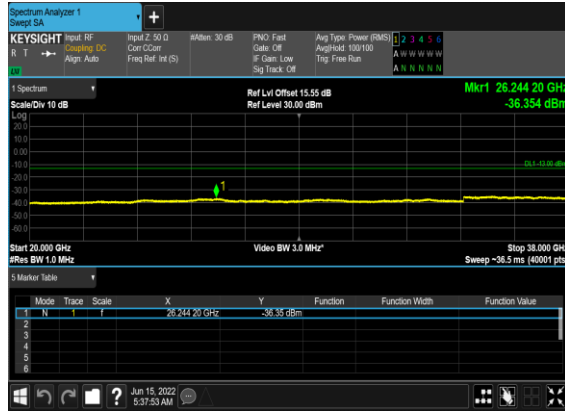
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



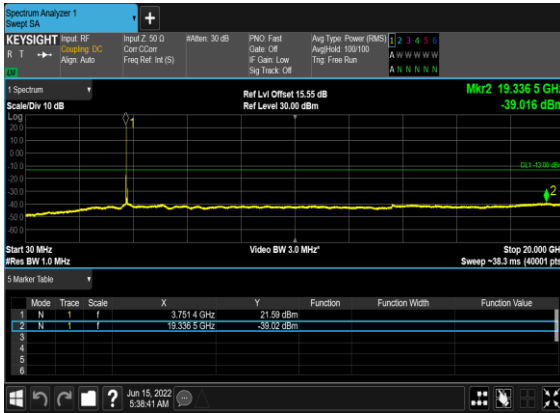
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



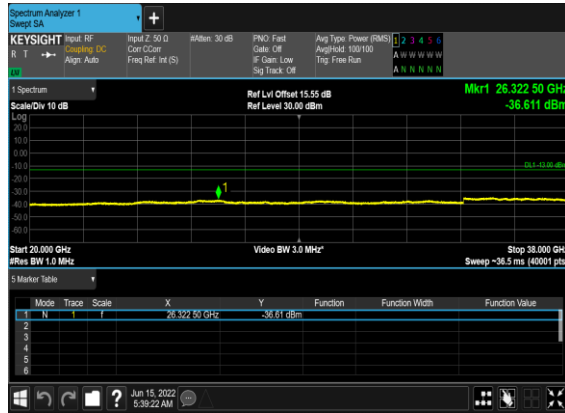
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



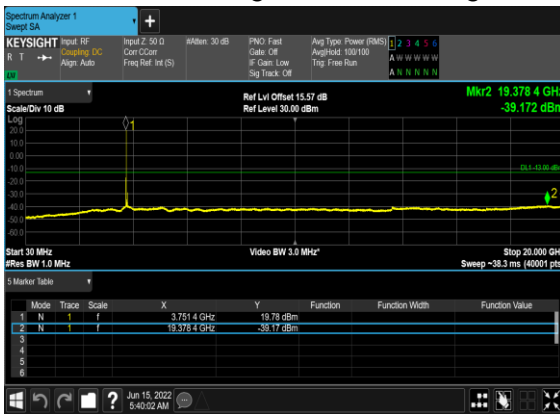
### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



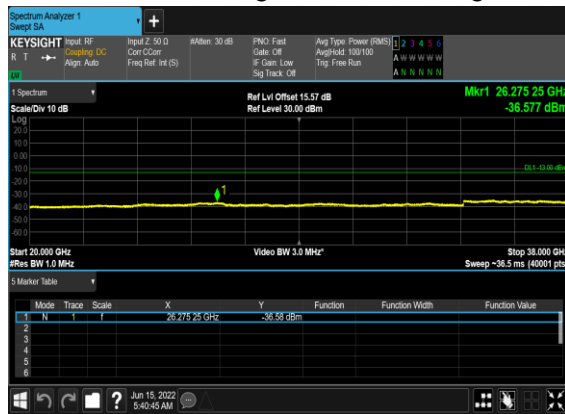
### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

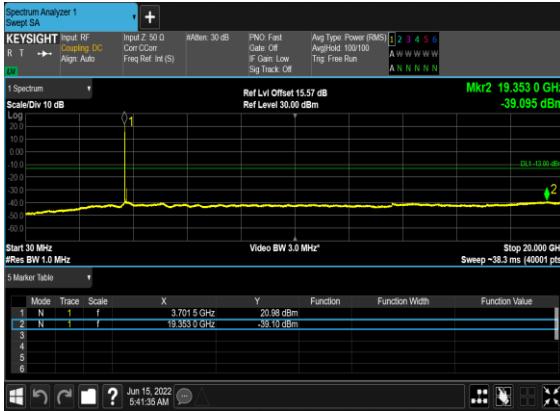


### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

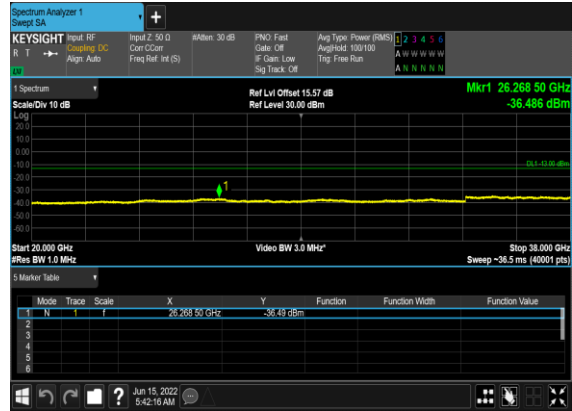




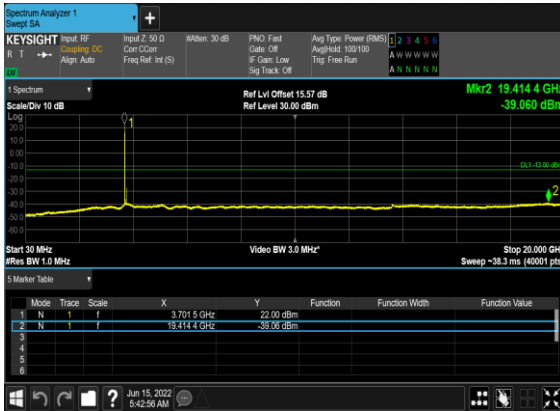
N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



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



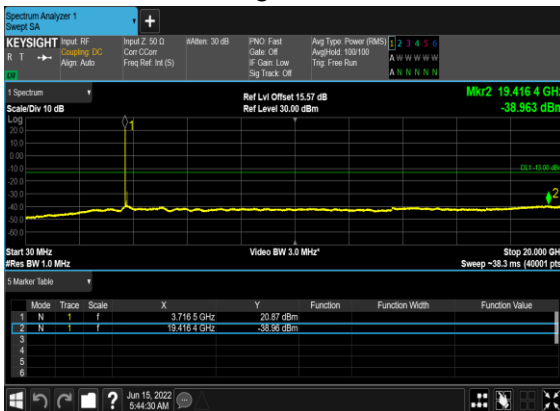
N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



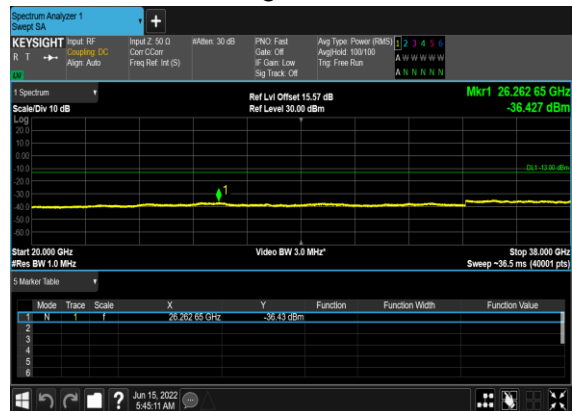
N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



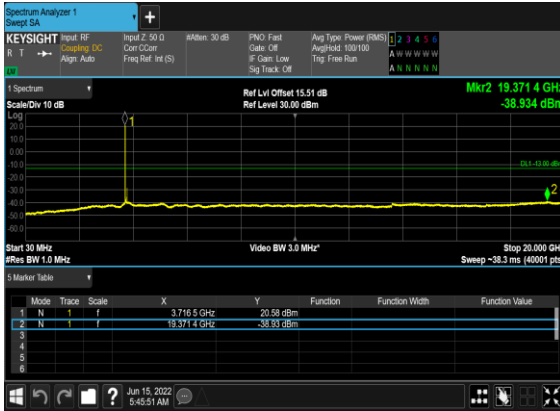
N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



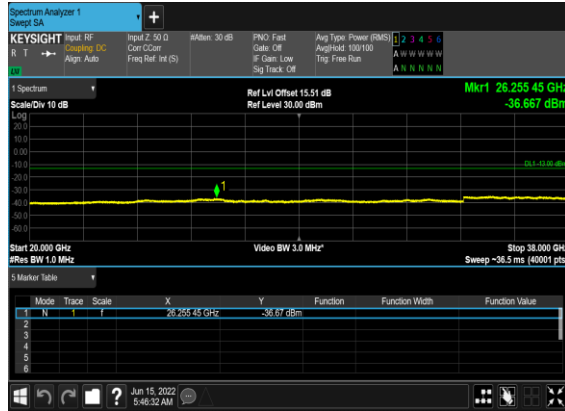
N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



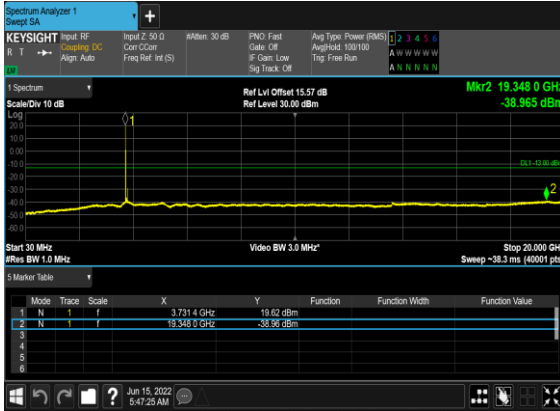
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



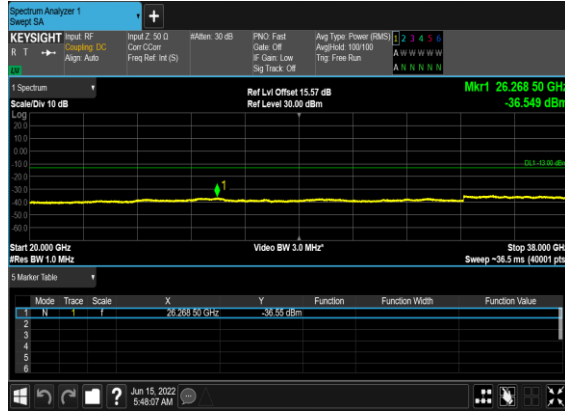
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



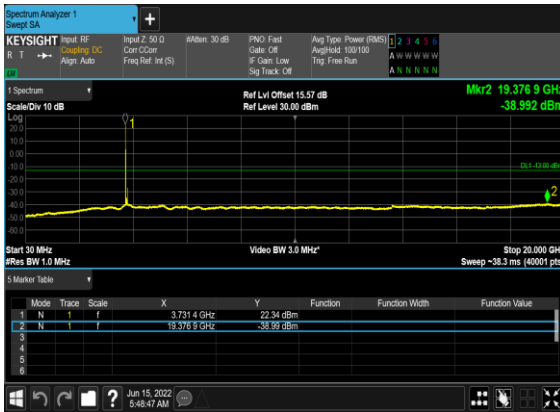
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



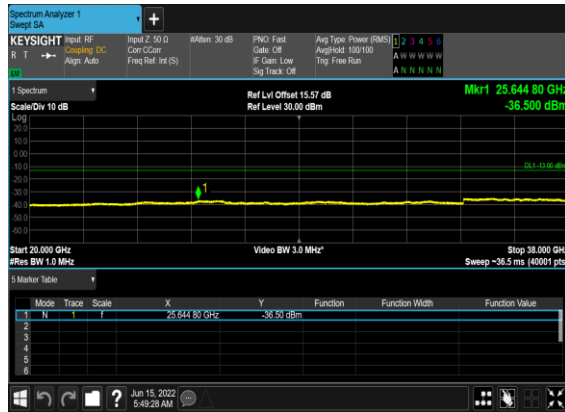
### N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



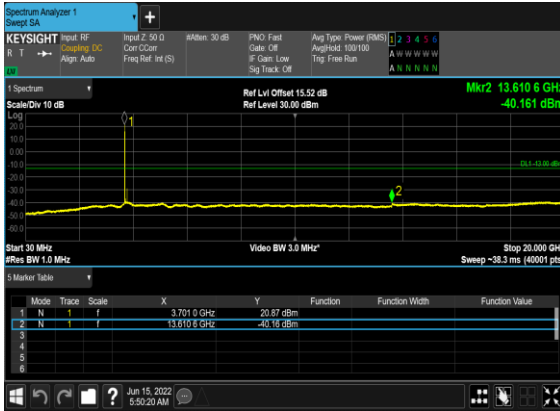
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



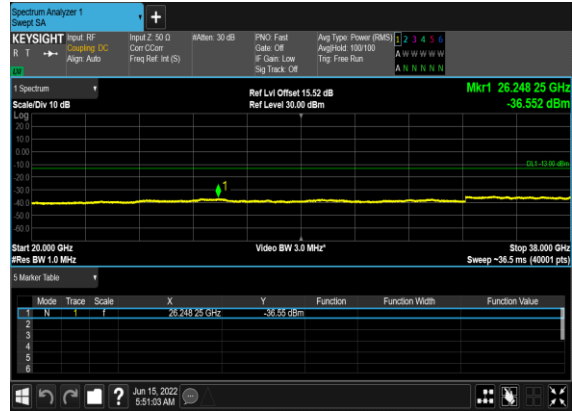
### N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



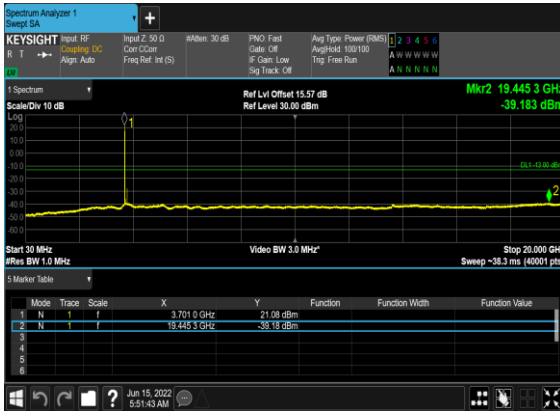
### N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



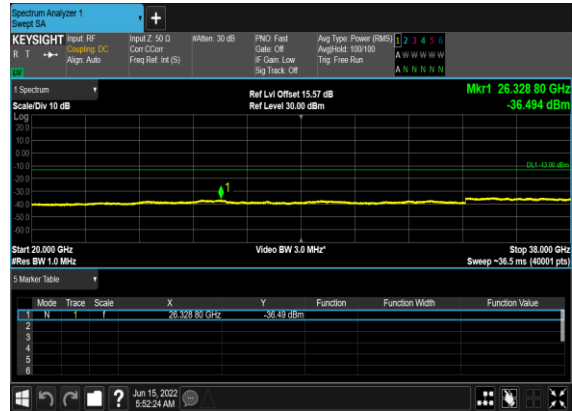
### N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



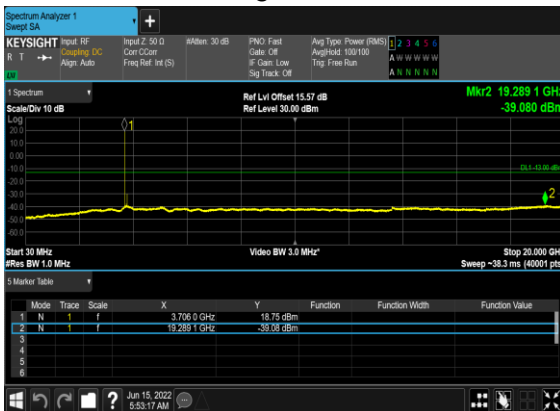
### N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



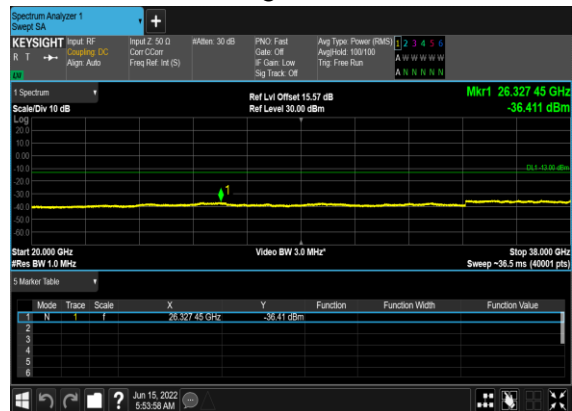
### N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



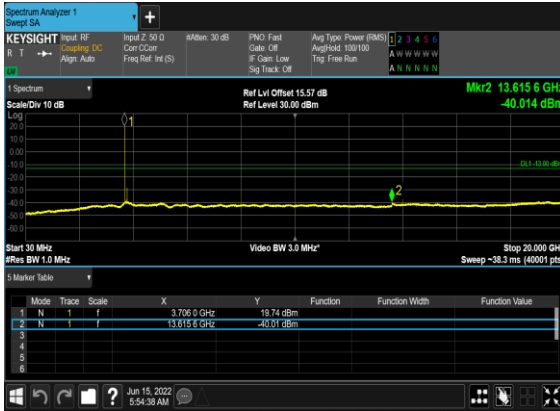
### N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



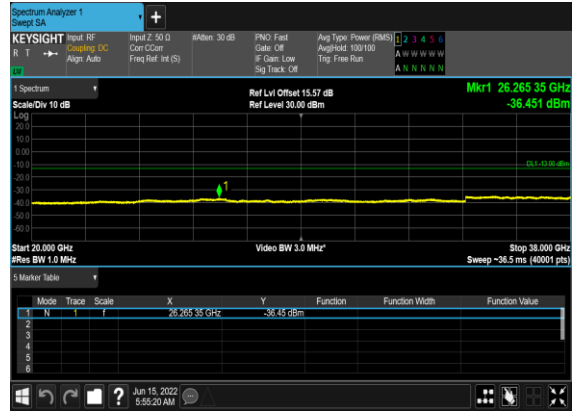
### N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



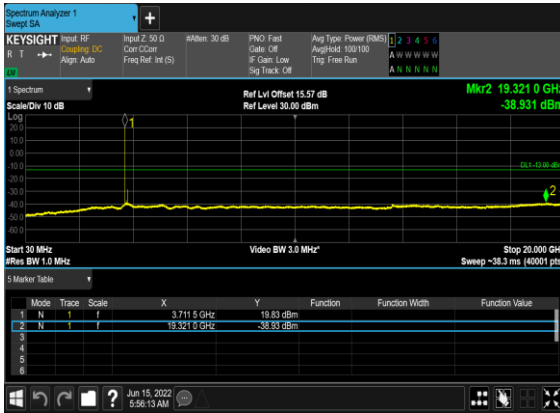
N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



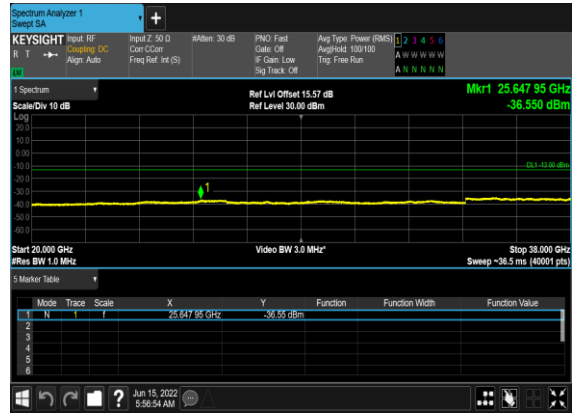
N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



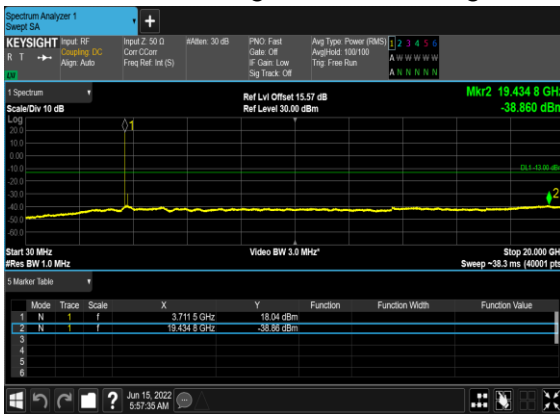
N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



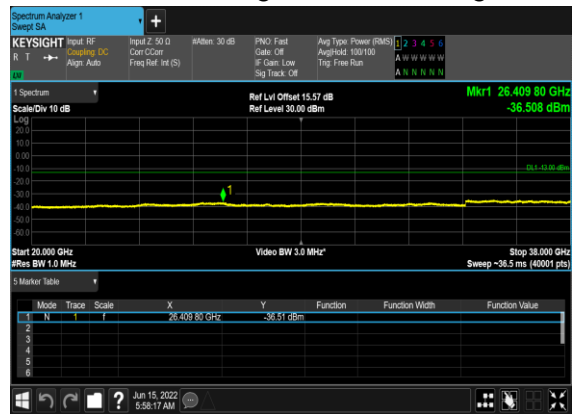
N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



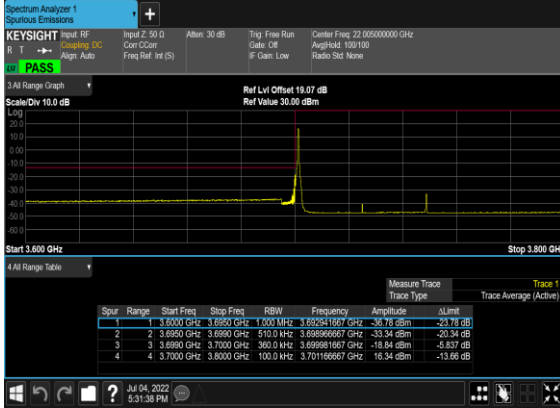
N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



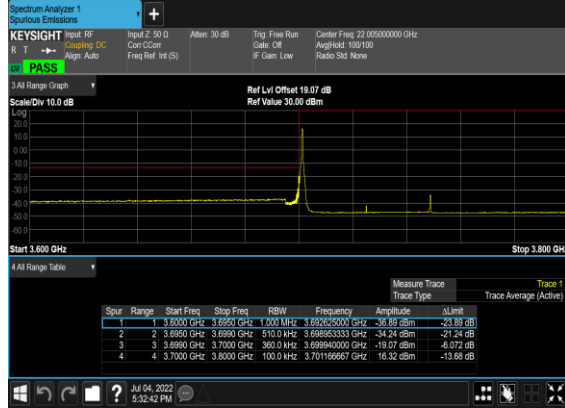
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	128@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	PASS
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	180@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	180@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@188	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@188	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	180@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	180@0	see graph	PASS
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	240@0	see graph	PASS
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	240@0	see graph	PASS
78	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@244	see graph	PASS
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@244	see graph	PASS
78	30	90	650332	3754.98	DFT-s-OFDM BPSK	240@0	see graph	PASS
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	240@0	see graph	PASS

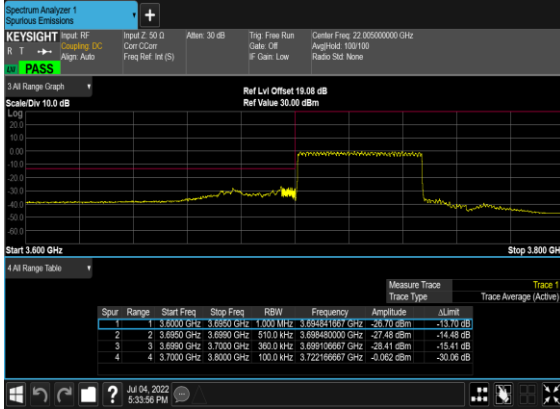
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



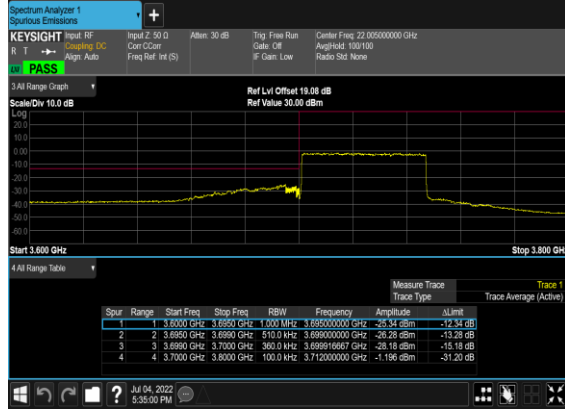
N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



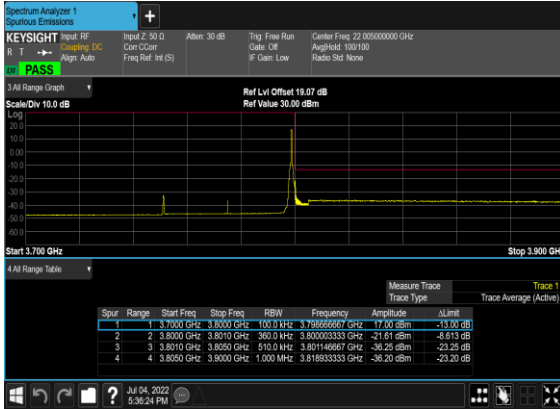
N78(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



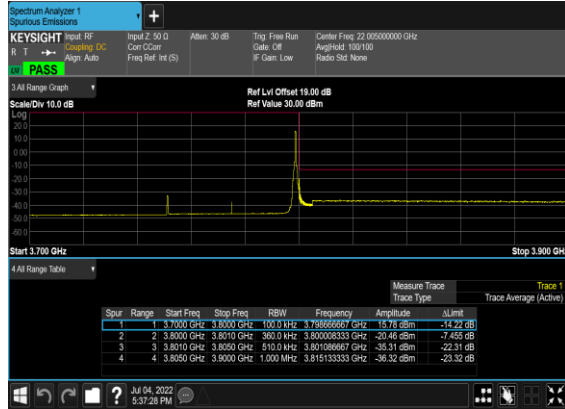
N78(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



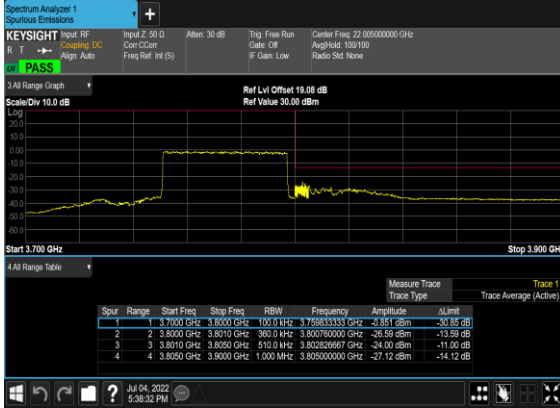
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



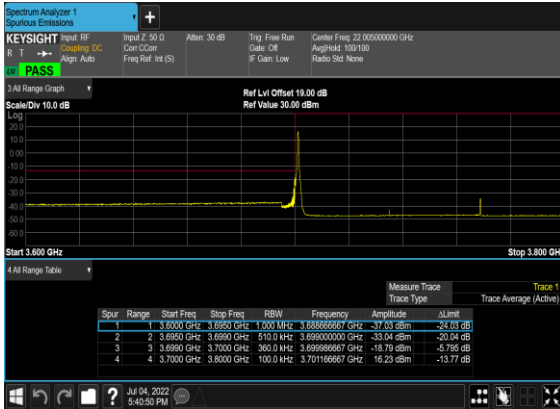
N78(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



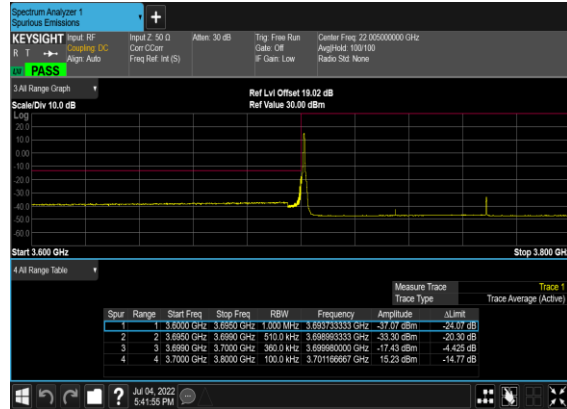
N78(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



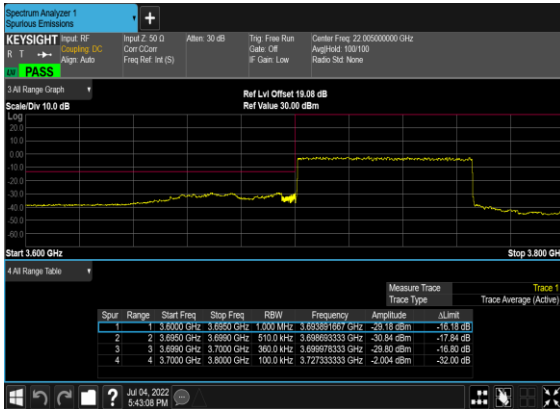
N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



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



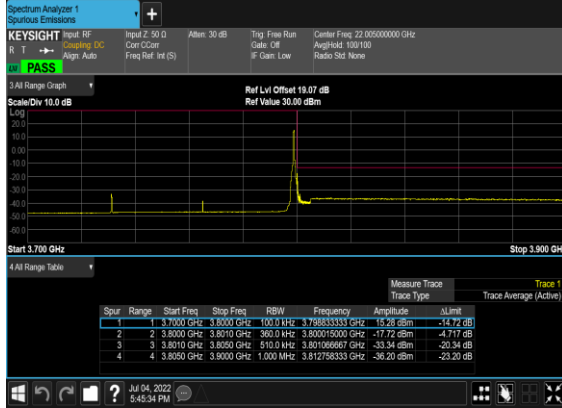
N78(70M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



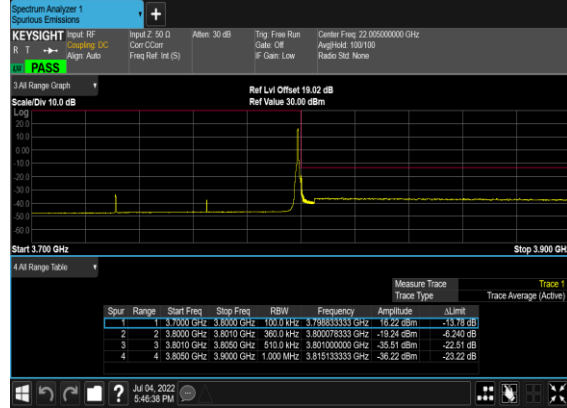
N78(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



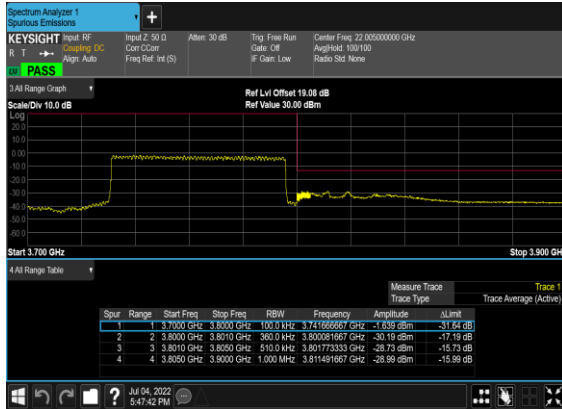
N78(70M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



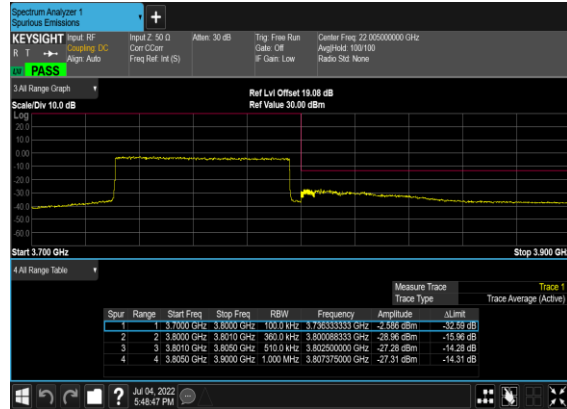
N78(70M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



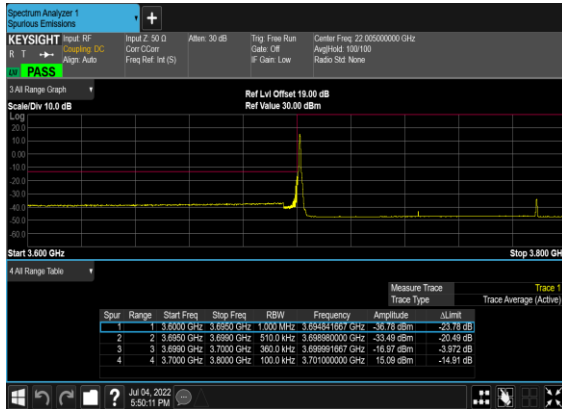
N78(70M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



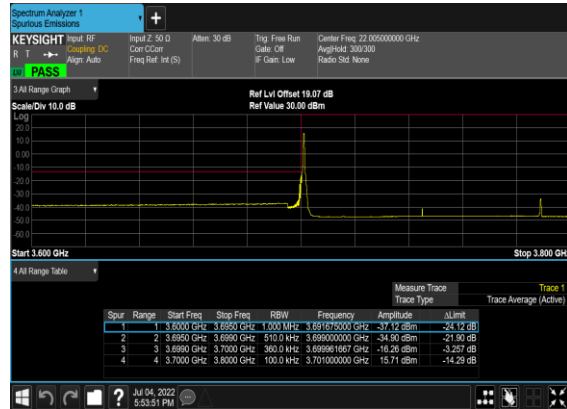
N78(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

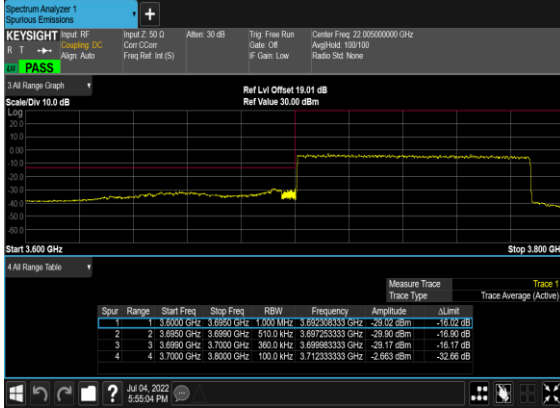


N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

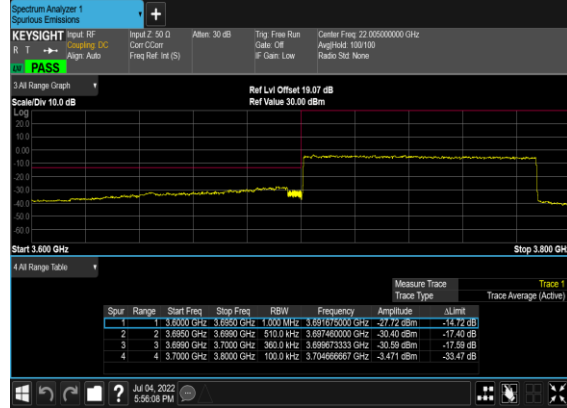




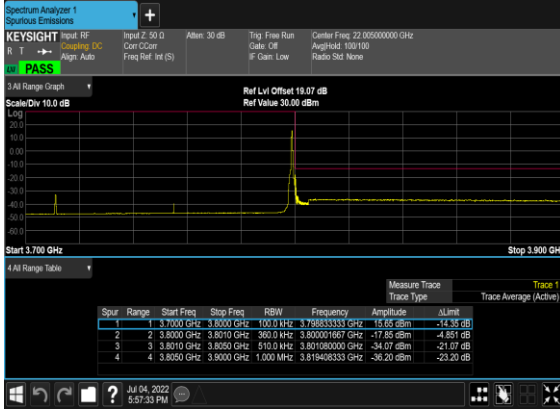
### N78(90M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



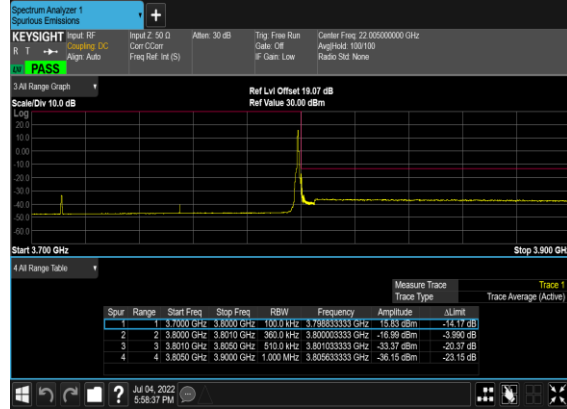
### N78(90M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



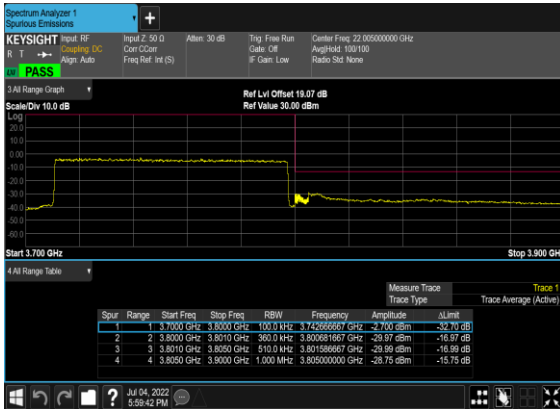
### N78(90M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



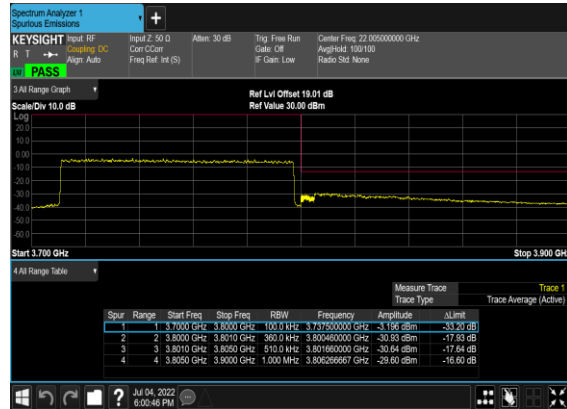
### N78(90M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N78(90M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N78(90M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





# 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.

n77 SA / 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)
Lowest	7404	-48.27	-13	-35.27	-58.75	2.76	13.24	H
	11106	-58.25	-13	-45.25	-67.84	3.42	13.01	H
	14820	-59.08	-13	-46.08	-68.69	3.83	13.44	H
	7404	-47.42	-13	-34.42	-57.86	2.80	13.24	V
	11112	-60.66	-13	-47.66	-70.21	3.46	13.01	V
	14820	-59.40	-13	-46.40	-68.96	3.88	13.44	V
Middle	7584	-42.94	-13	-29.94	-53.42	2.76	13.24	H
	11388	-60.72	-13	-47.72	-70.31	3.42	13.01	H
	15180	-58.85	-13	-45.85	-68.46	3.83	13.44	H
	7584	-43.32	-13	-30.32	-53.76	2.80	13.24	V
	11388	-60.71	-13	-47.71	-70.26	3.46	13.01	V
	15180	-58.95	-13	-45.95	-68.51	3.88	13.44	V
Highest	7764	-41.21	-13	-28.21	-51.69	2.76	13.24	H
	11652	-60.30	-13	-47.30	-69.89	3.42	13.01	H
	15540	-58.45	-13	-45.45	-68.06	3.83	13.44	H
	7764	-49.30	-13	-36.30	-59.74	2.80	13.24	V
	11652	-60.29	-13	-47.29	-69.84	3.46	13.01	V
	15540	-58.26	-13	-45.26	-67.82	3.88	13.44	V

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



EN-DC 7A_n77A / LTE 20MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT3(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)
Lowest	7404	-45.35	-13	-32.35	-55.83	2.76	13.24	H
	11112	-60.64	-13	-47.64	-70.23	3.42	13.01	H
	14820	-59.10	-13	-46.10	-68.71	3.83	13.44	H
	7404	-45.88	-13	-32.88	-56.32	2.80	13.24	V
	11112	-60.44	-13	-47.44	-69.99	3.46	13.01	V
	14820	-59.48	-13	-46.48	-69.04	3.88	13.44	V
Middle	7584	-40.43	-13	-27.43	-50.91	2.76	13.24	H
	11376	-57.26	-13	-44.26	-66.85	3.42	13.01	H
	15180	-59.05	-13	-46.05	-68.66	3.83	13.44	H
	7584	-42.34	-13	-29.34	-52.78	2.80	13.24	V
	11376	-58.12	-13	-45.12	-67.67	3.46	13.01	V
	15180	-58.75	-13	-45.75	-68.31	3.88	13.44	V
Highest	7764	-36.16	-13	-23.16	-46.64	2.76	13.24	H
	11646	-56.76	-13	-43.76	-66.35	3.42	13.01	H
	15540	-58.57	-13	-45.57	-68.18	3.83	13.44	H
	7764	-41.90	-13	-28.90	-52.34	2.80	13.24	V
	11646	-54.66	-13	-41.66	-64.21	3.46	13.01	V
	15540	-58.44	-13	-45.44	-68.00	3.88	13.44	V

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