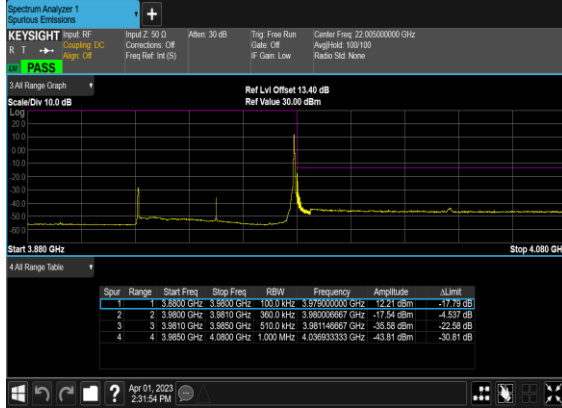
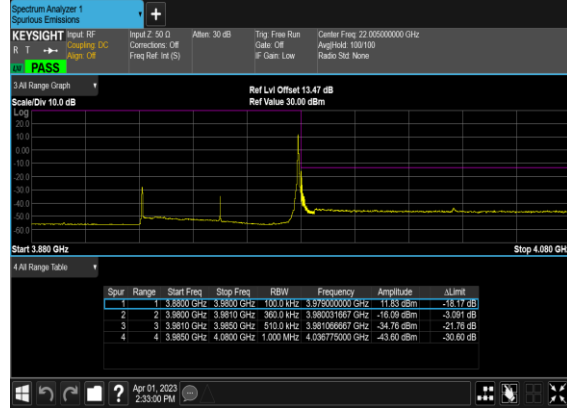


### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



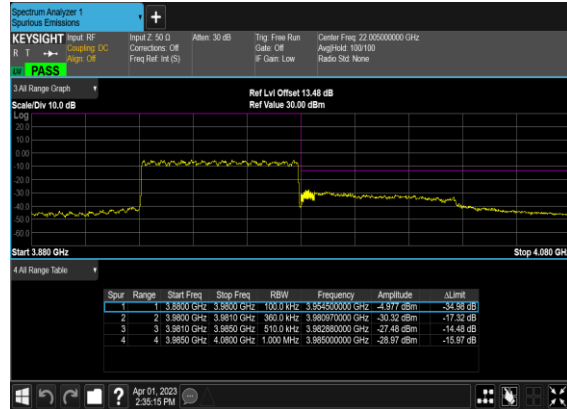
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



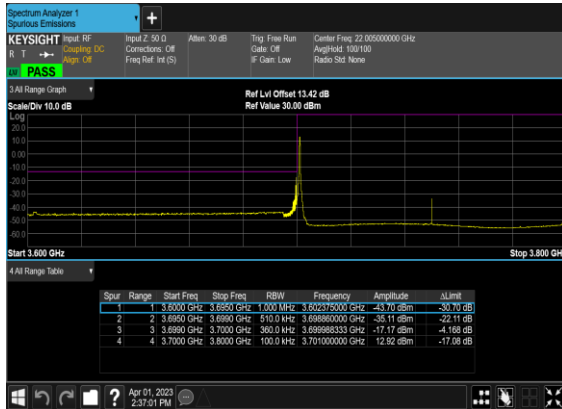
### N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



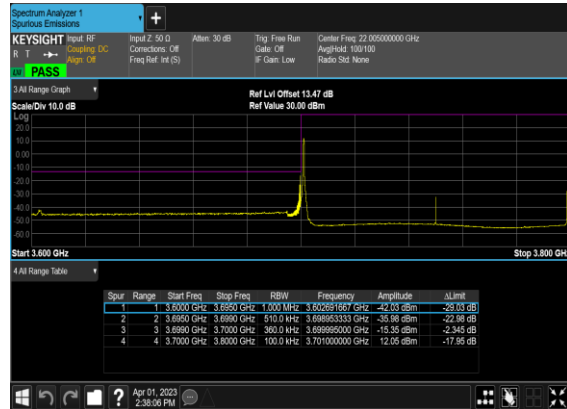
### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



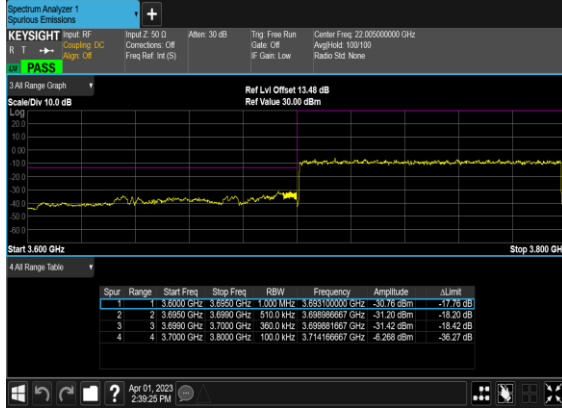
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



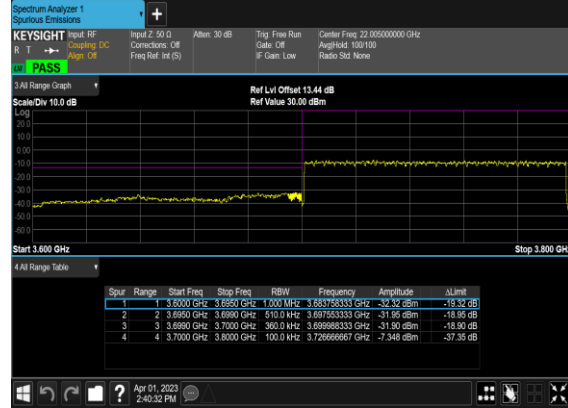
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



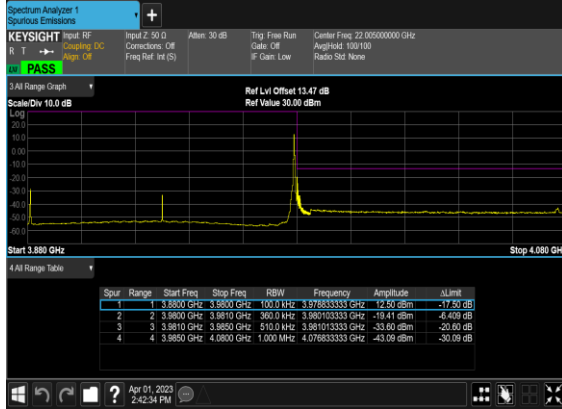
### N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



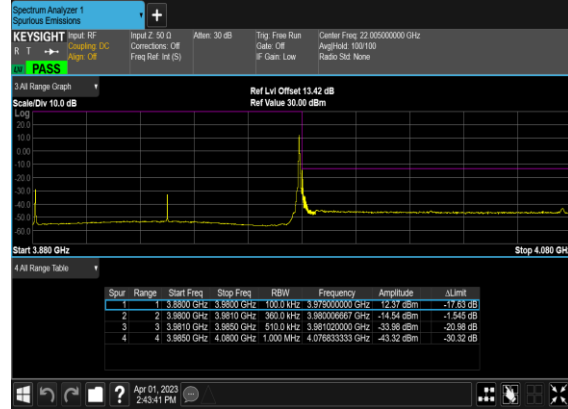
### N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



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



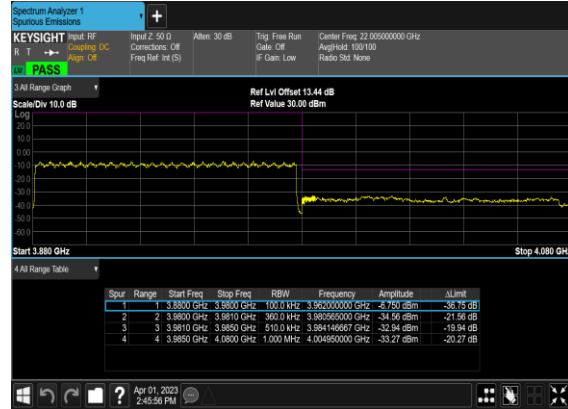
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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



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



## FR1 N78(Ant3)

### Transmitter Conducted Output Power And EIRP, $(G_T-L_C)=0.32\text{dB}$

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.94	26.26	0.4227
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.98	26.3	0.4266
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	25.94	26.26	0.4227
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.96	26.28	0.4246
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.89	26.21	0.4178
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	25.94	26.26	0.4227
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.98	26.3	0.4266
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.93	26.25	0.4217
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	25.92	26.24	0.4207
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.81	26.13	0.4102
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.58	25.9	0.3890
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.69	26.01	0.3990
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.72	26.04	0.4018
78	30	60	650000	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.66	25.98	0.3963
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	25.63	25.95	0.3936
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.58	25.9	0.3890
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.46	25.78	0.3784
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.47	25.79	0.3793
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.5	25.82	0.3819
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.48	25.8	0.3802
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25.41	25.73	0.3741
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.53	25.85	0.3846
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.5	25.82	0.3819
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	25.45	25.77	0.3776
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.87	26.19	0.4159
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.14	26.46	0.4426
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.69	26.01	0.3990
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.58	25.9	0.3890
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.55	25.87	0.3864
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.38	25.7	0.3715
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.55	24.87	0.3069
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.67	24.99	0.3155
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.49	24.81	0.3027
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.04	23.36	0.2168
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.91	23.23	0.2104
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.79	23.11	0.2046

78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.01	21.33	0.1358
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.88	21.2	0.1318
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.78	21.1	0.1288
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.94	24.26	0.2667

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.0012	PASS	NV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0024	PASS	LV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0013	PASS	HV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0009	PASS	-30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.0014	PASS	-20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0023	PASS	-10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0010	PASS	0°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0019	PASS	10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0031	PASS	20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0024	PASS	30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.0015	PASS	40°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.0032	PASS	50°C

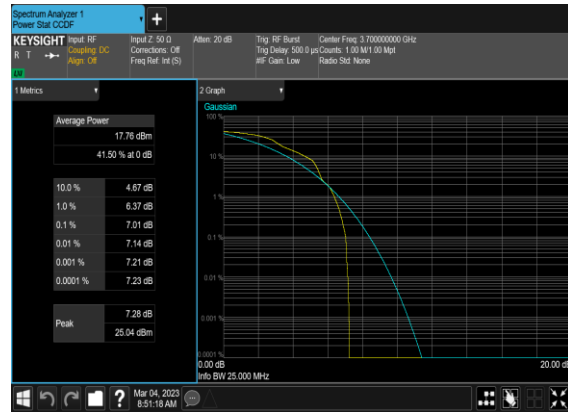
# Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	270@0	10.01	13	PASS
78	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@0	7.01	13	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	10.53	13	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	7.48	13	PASS

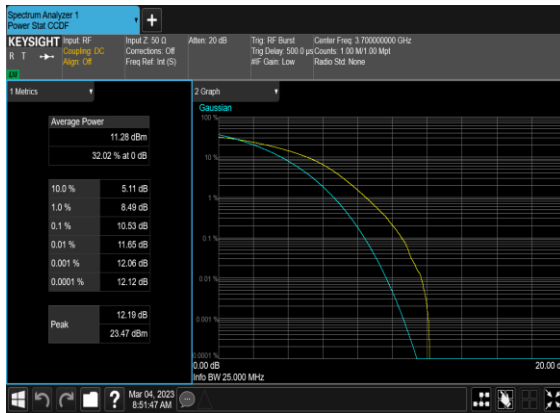
N78(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



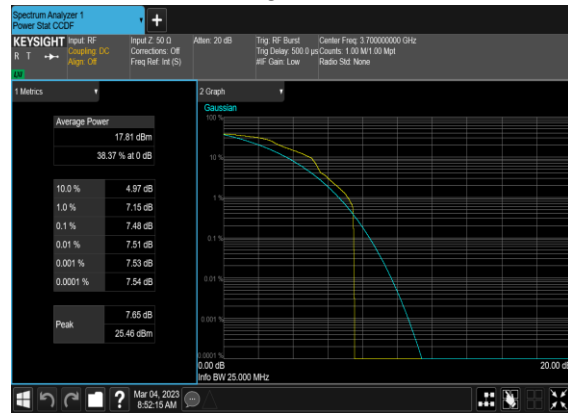
N78(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



N78(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



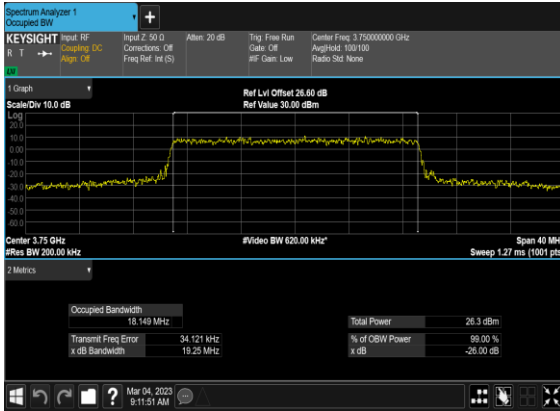
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	18.149	19.25
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	18.144	19.11
78	30	20	650000	3750.0	CP-OFDM 64 QAM	51@0	18.232	19.46
78	30	20	650000	3750.0	CP-OFDM 256 QAM	51@0	18.203	19.18
78	30	30	650000	3750.0	CP-OFDM QPSK	78@0	27.862	28.91
78	30	30	650000	3750.0	CP-OFDM 16 QAM	78@0	27.827	29.04
78	30	30	650000	3750.0	CP-OFDM 64 QAM	78@0	27.816	29.17
78	30	30	650000	3750.0	CP-OFDM 256 QAM	78@0	27.836	29.22
78	30	40	650000	3750.0	CP-OFDM QPSK	106@0	37.862	39.19
78	30	40	650000	3750.0	CP-OFDM 16 QAM	106@0	37.775	39.29
78	30	40	650000	3750.0	CP-OFDM 64 QAM	106@0	37.914	39.36
78	30	40	650000	3750.0	CP-OFDM 256 QAM	106@0	37.877	39.3
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.493	49.21
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.465	49.07
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.561	49.07
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.557	49.14
78	30	60	650000	3750.0	CP-OFDM QPSK	162@0	57.869	59.81
78	30	60	650000	3750.0	CP-OFDM 16 QAM	162@0	57.813	59.91
78	30	60	650000	3750.0	CP-OFDM 64 QAM	162@0	57.907	59.66
78	30	60	650000	3750.0	CP-OFDM 256 QAM	162@0	57.719	59.71
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.381	69.69
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.552	69.61
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.385	69.6
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.481	69.53
78	30	80	650000	3750.0	CP-OFDM QPSK	217@0	77.367	79.97
78	30	80	650000	3750.0	CP-OFDM 16 QAM	217@0	77.363	79.84

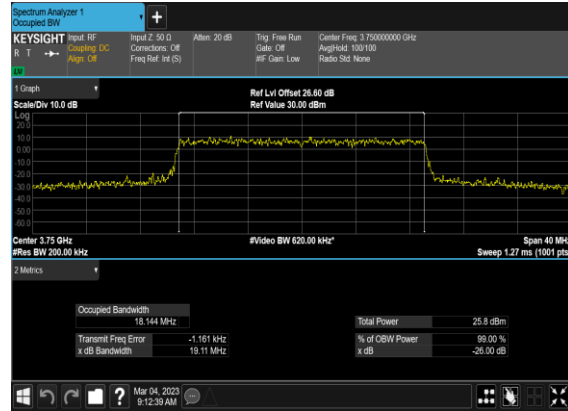
78	30	80	650000	3750.0	CP-OFDM 64 QAM	217@0	77.32	79.88
78	30	80	650000	3750.0	CP-OFDM 256 QAM	217@0	77.498	79.97
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.378	90.21
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.479	90.22
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.342	90.36
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.551	90.13
78	30	100	650000	3750.0	CP-OFDM QPSK	273@0	97.326	100.6
78	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	97.454	100.4
78	30	100	650000	3750.0	CP-OFDM 64 QAM	273@0	97.514	100.6
78	30	100	650000	3750.0	CP-OFDM 256 QAM	273@0	97.342	100.5



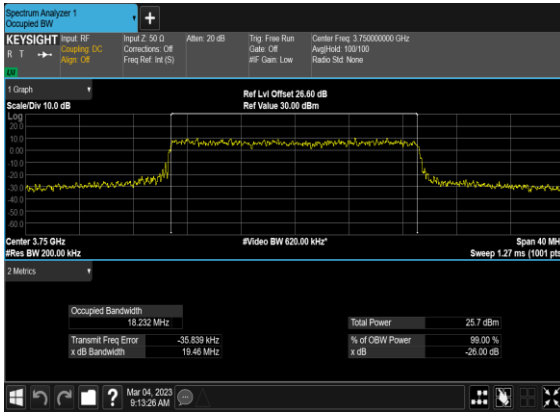
### N78(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



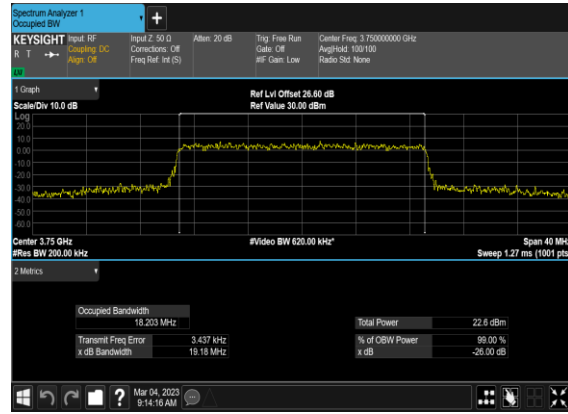
### N78(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



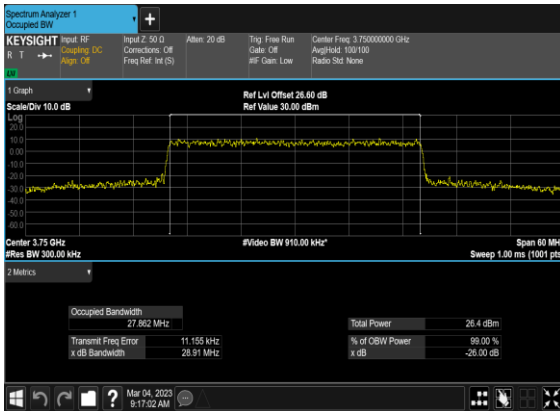
### N78(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



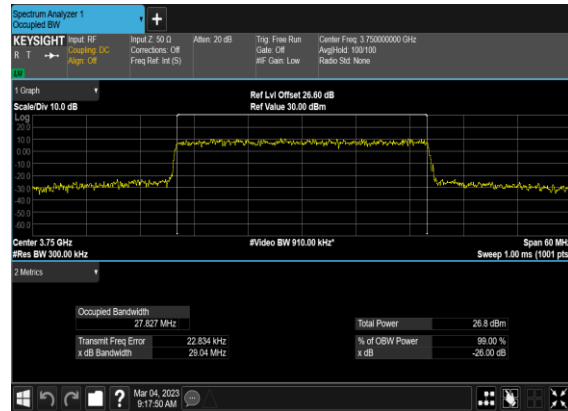
### N78(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



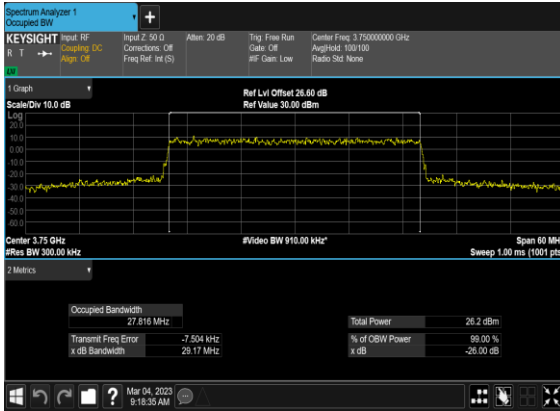
### N78(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



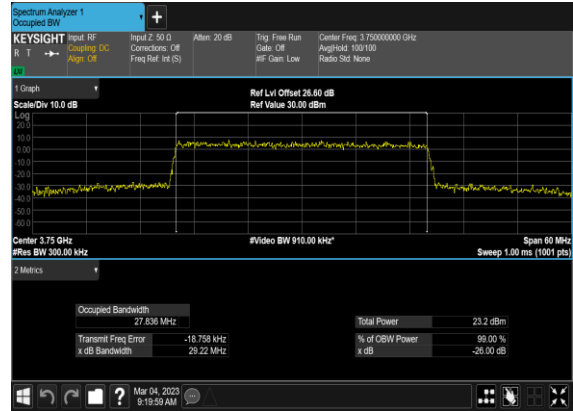
### N78(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N78(30M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N78(30M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



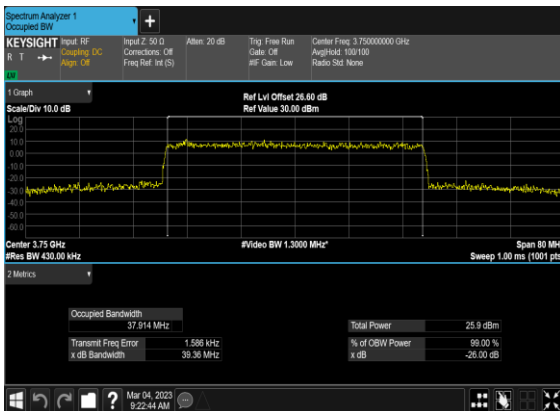
### N78(40M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



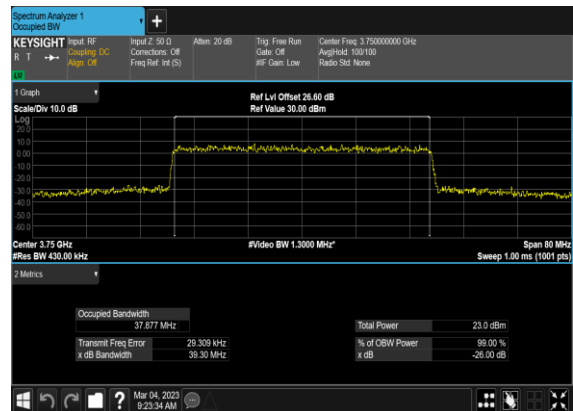
### N78(40M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



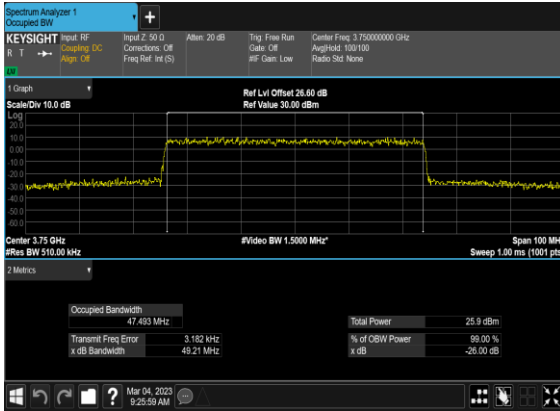
### N78(40M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



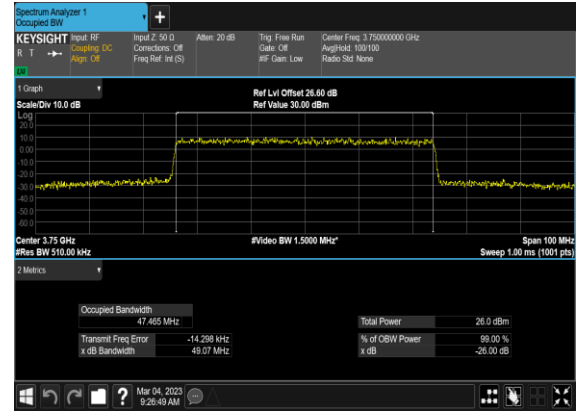
### N78(40M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



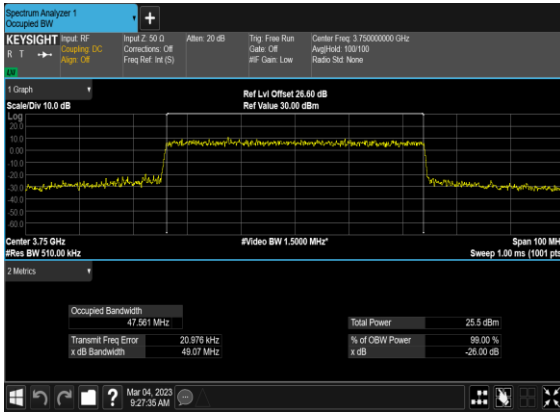
### N78(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



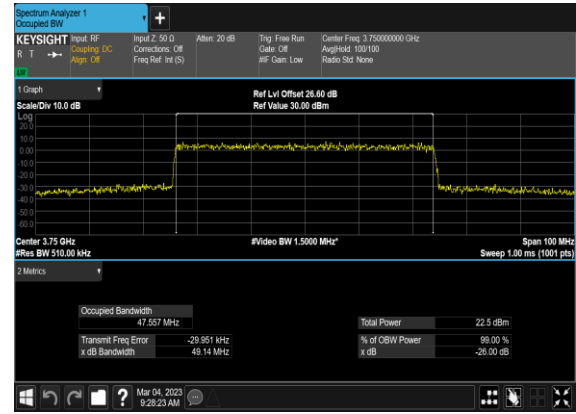
### N78(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



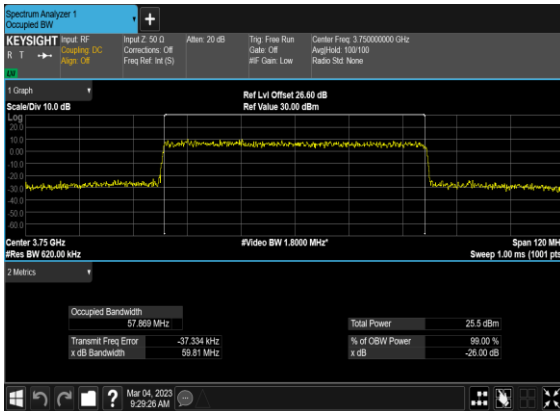
### N78(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



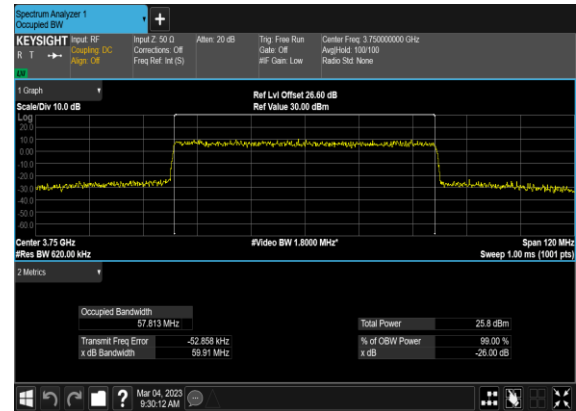
### N78(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



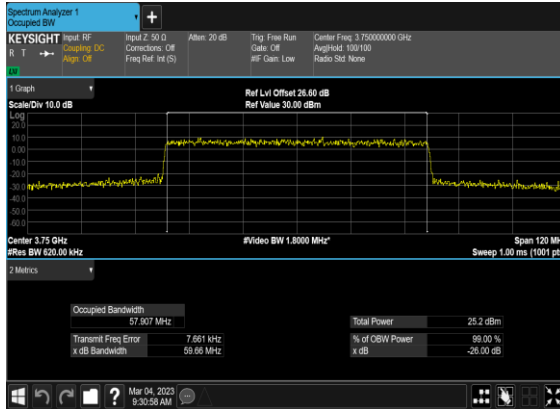
### N78(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



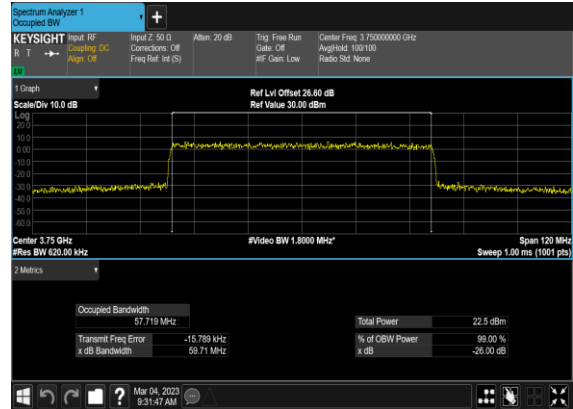
### N78(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N78(60M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



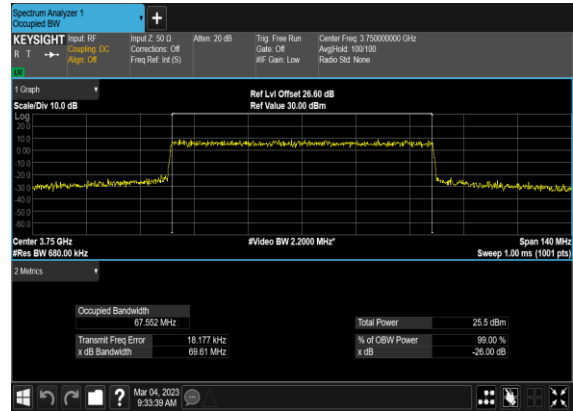
### N78(60M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



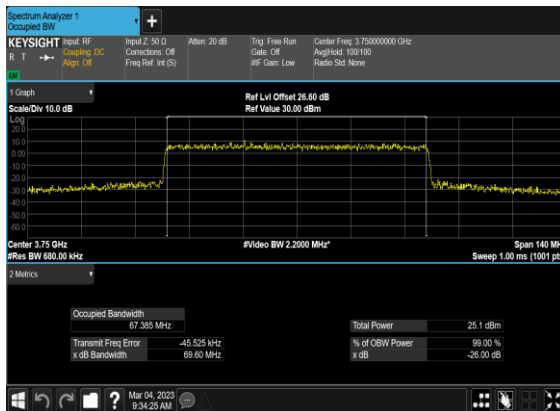
### N78(70M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



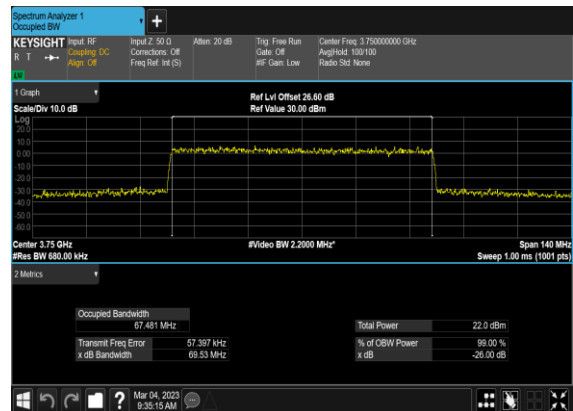
### N78(70M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



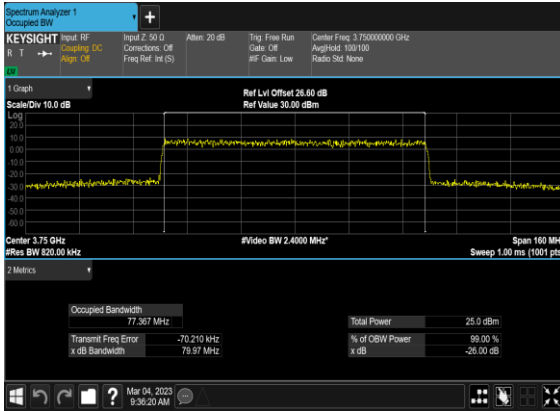
### N78(70M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



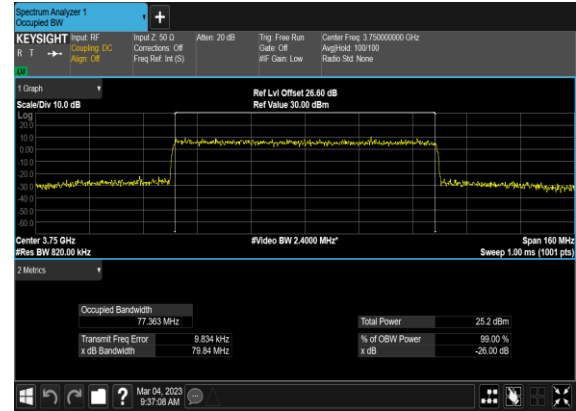
### N78(70M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



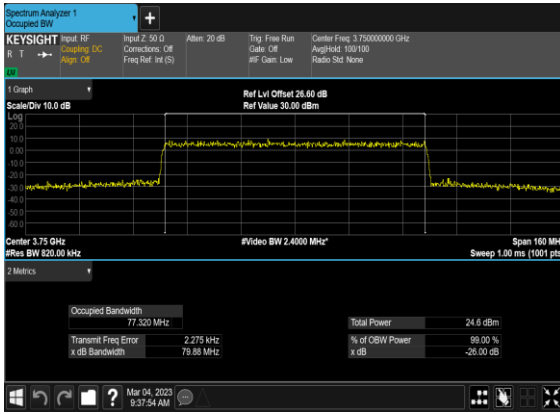
### N78(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N78(80M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



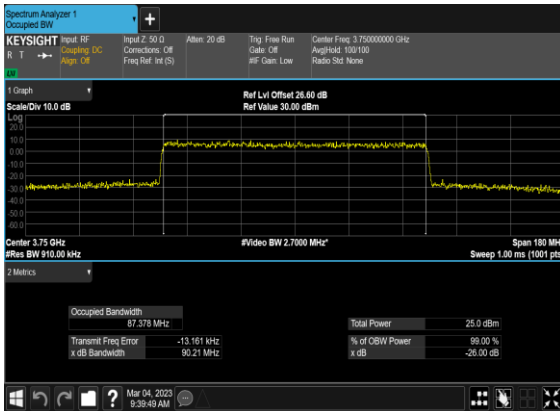
### N78(80M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



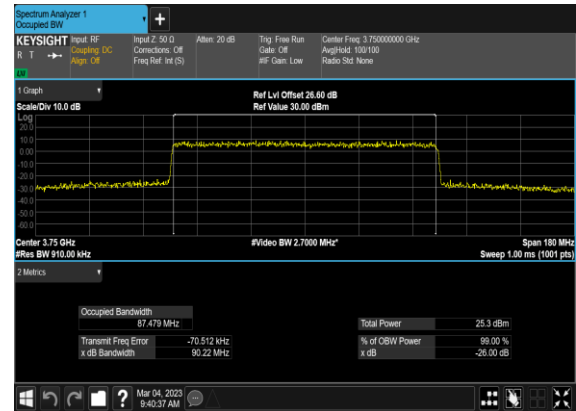
### N78(80M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



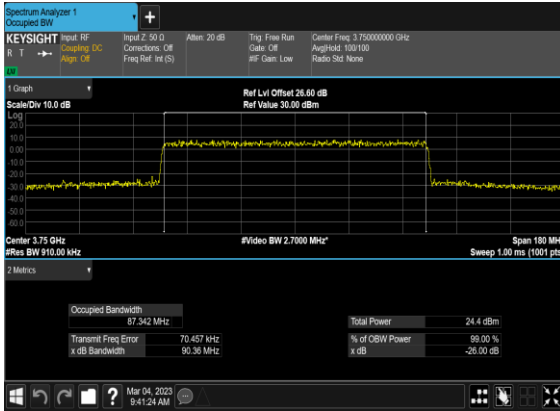
### N78(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



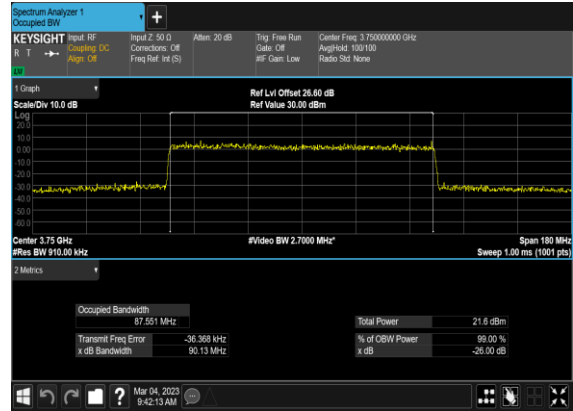
### N78(90M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



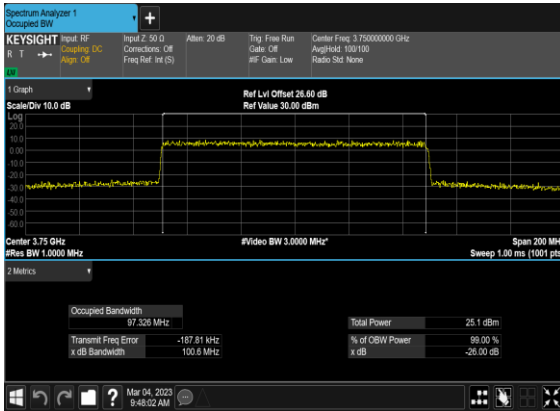
### N78(90M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N78(90M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



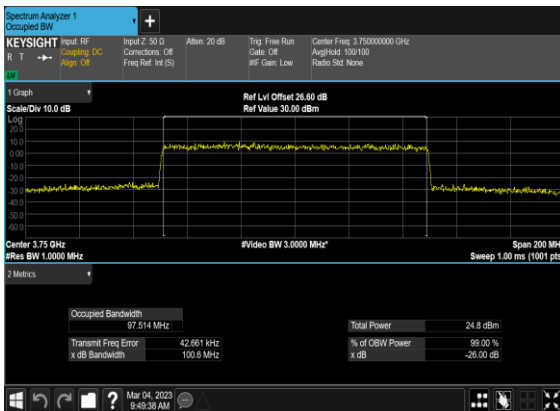
### N78(100M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



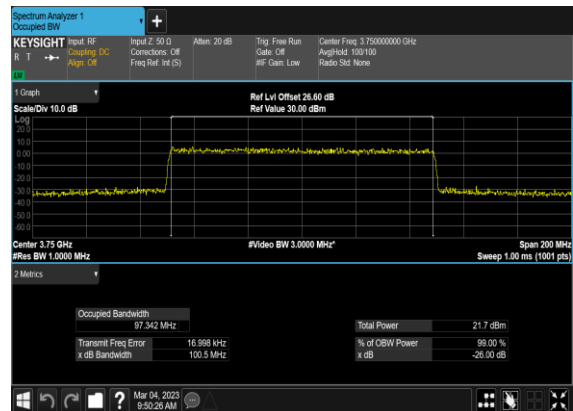
### N78(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N78(100M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N78(100M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



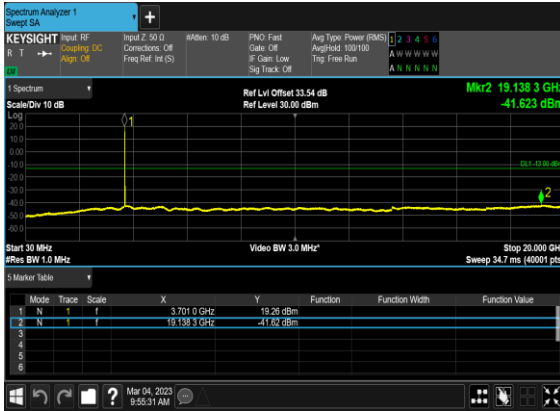
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	20	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS

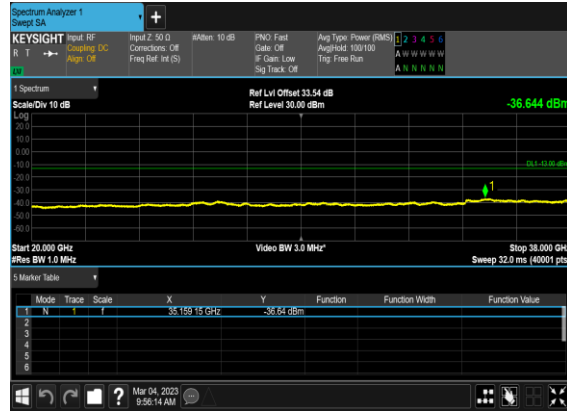
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	60	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



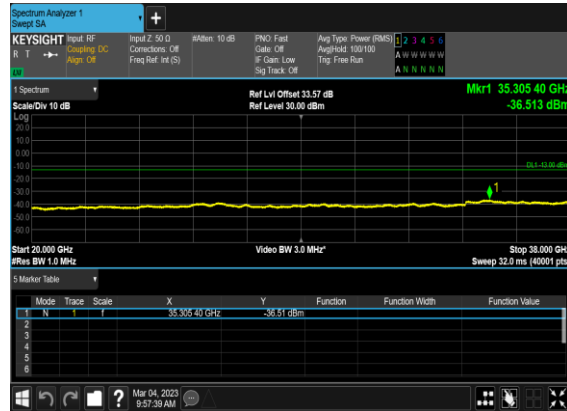
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



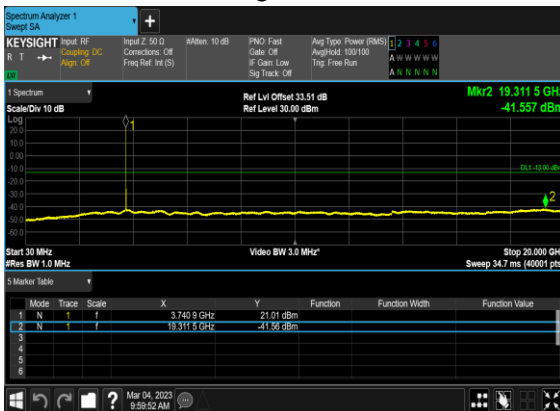
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



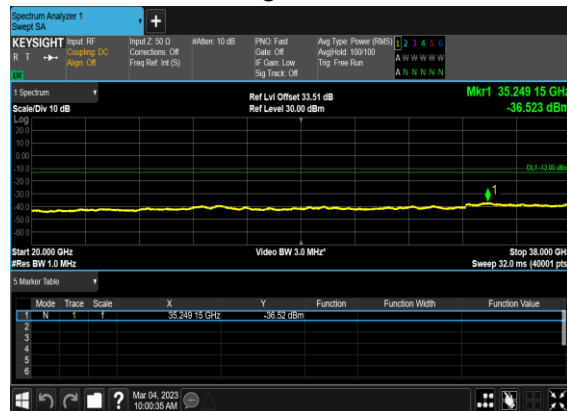
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



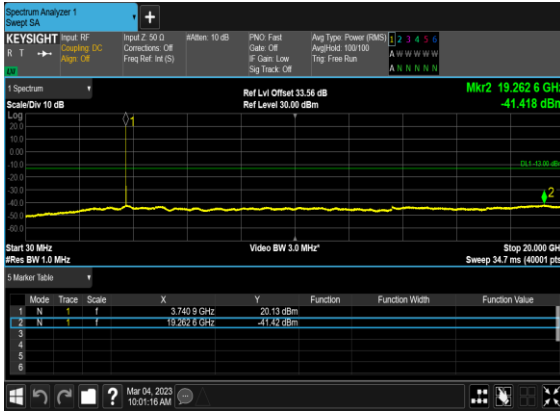
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



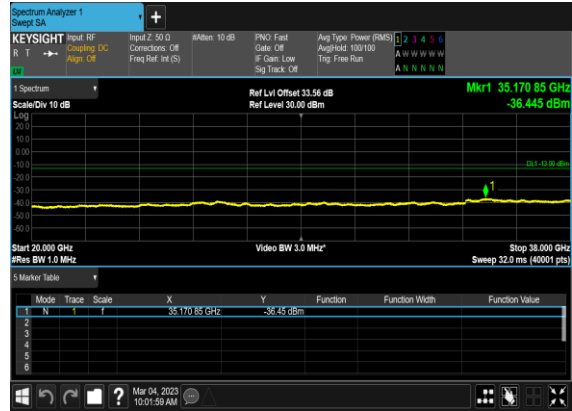
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



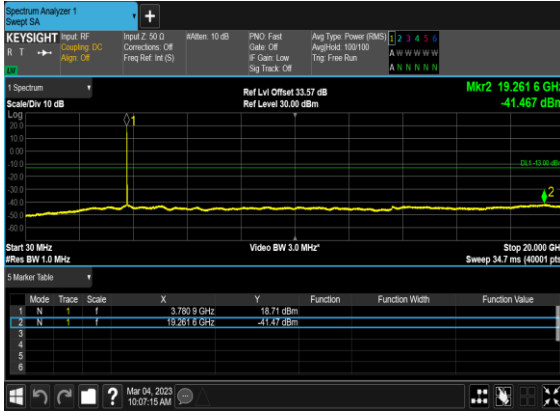
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



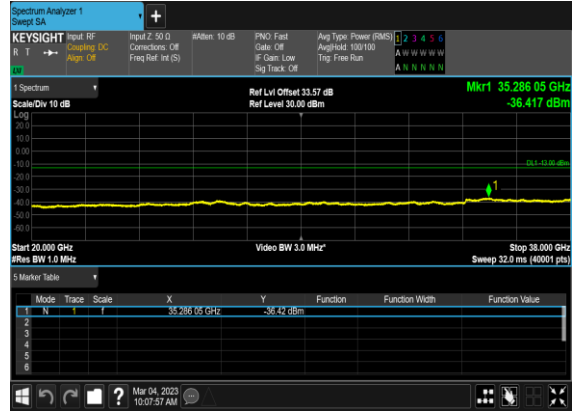
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



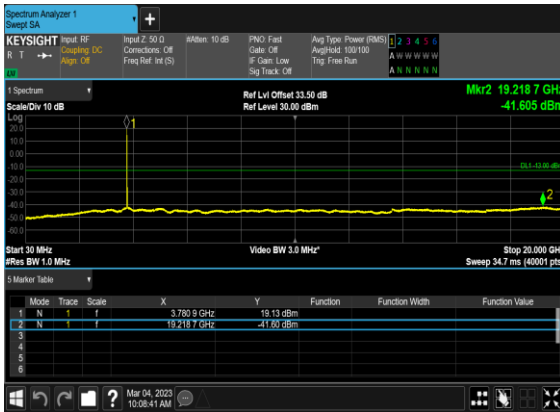
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



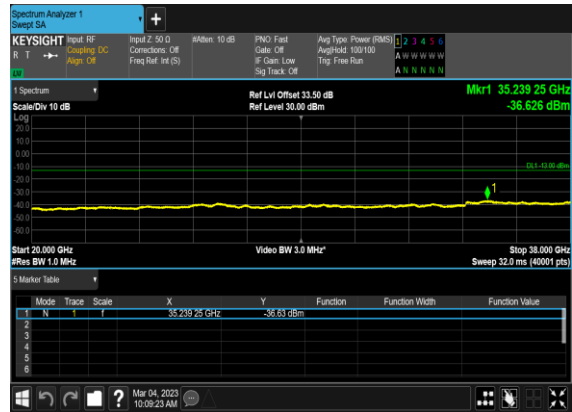
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



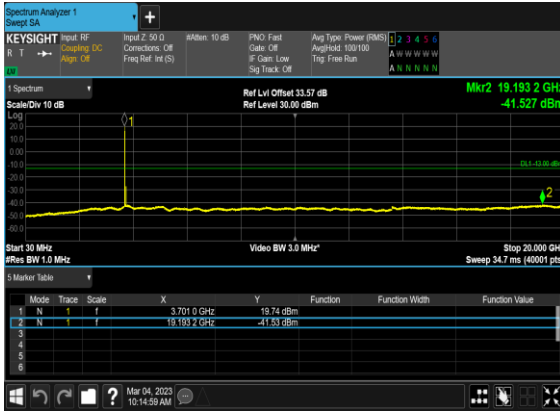
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



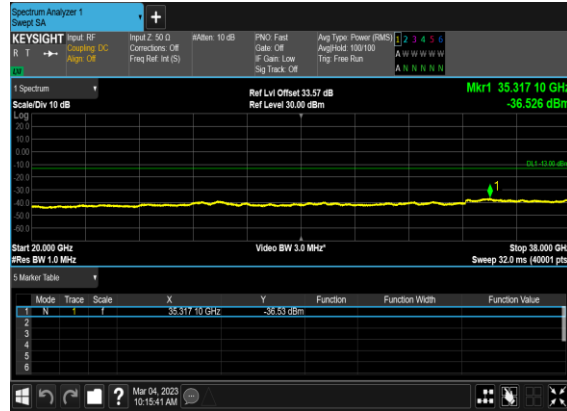
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



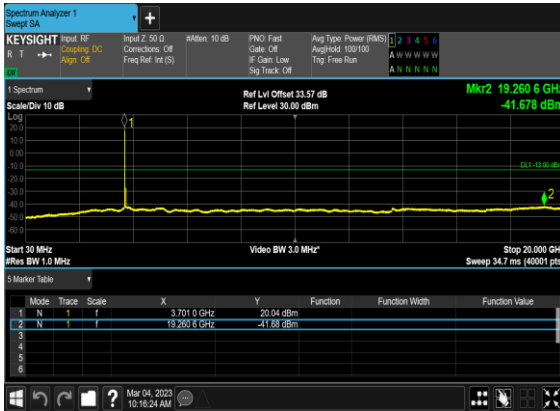
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



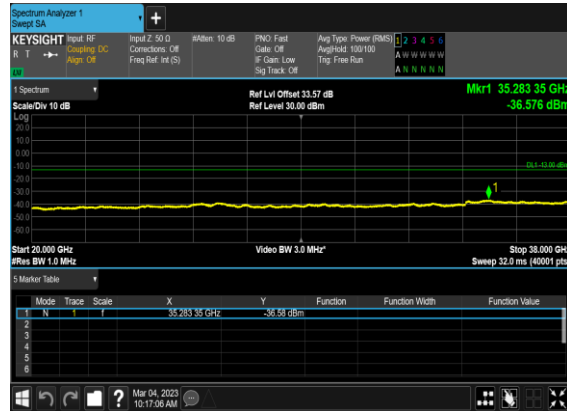
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



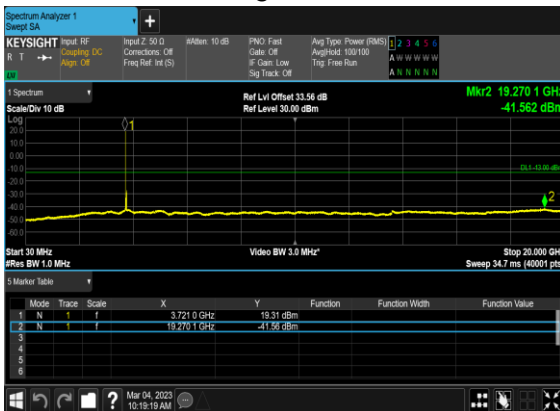
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



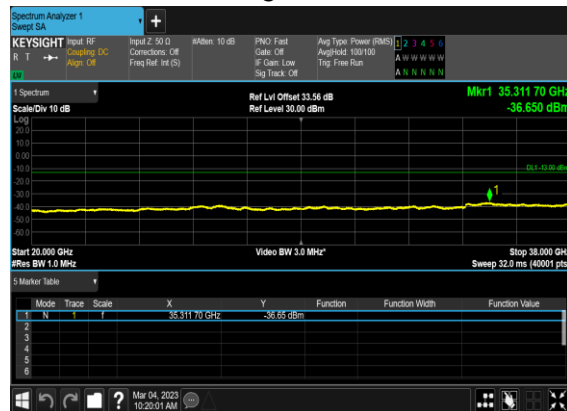
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



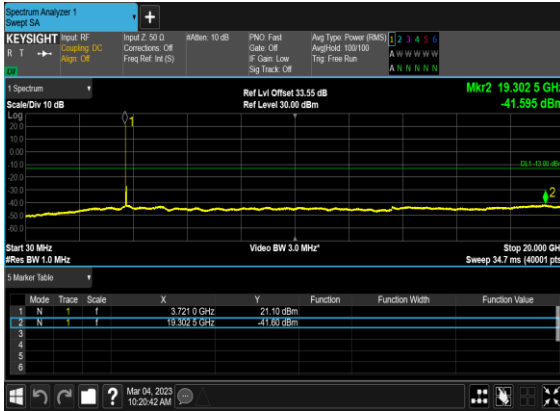
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



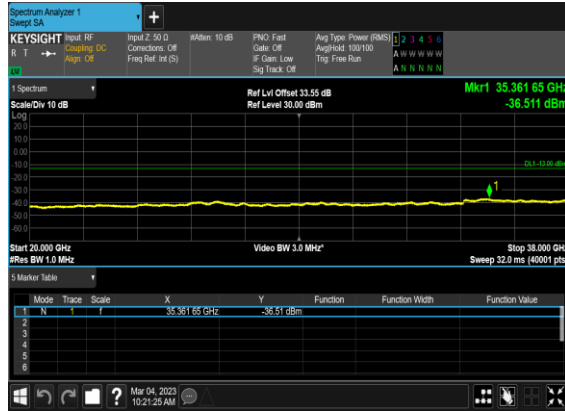
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



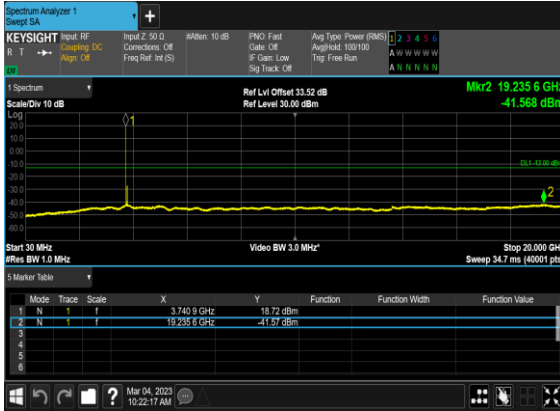
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



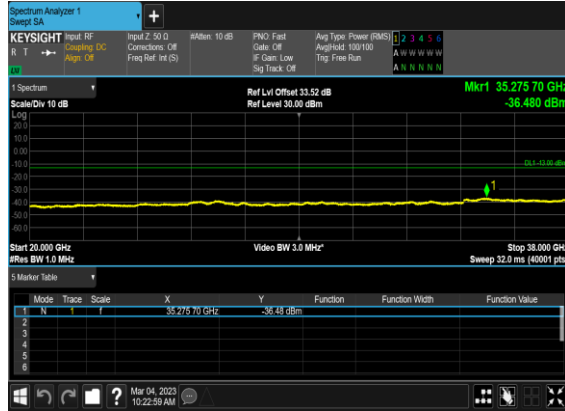
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



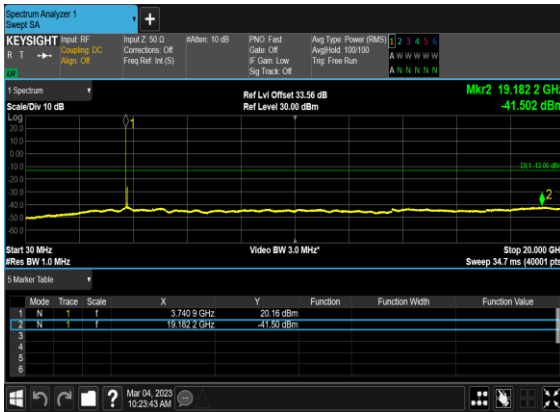
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



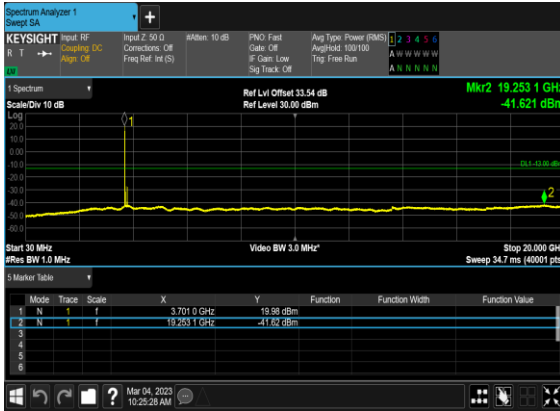
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



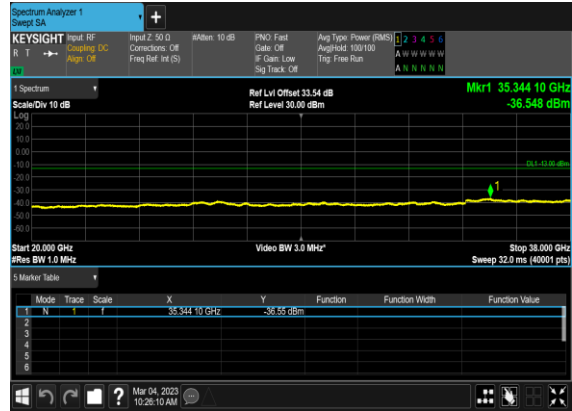
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



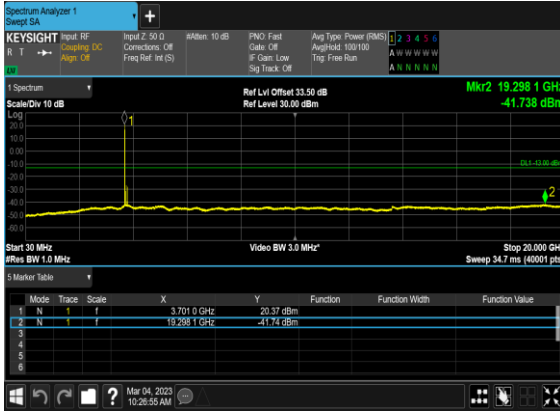
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



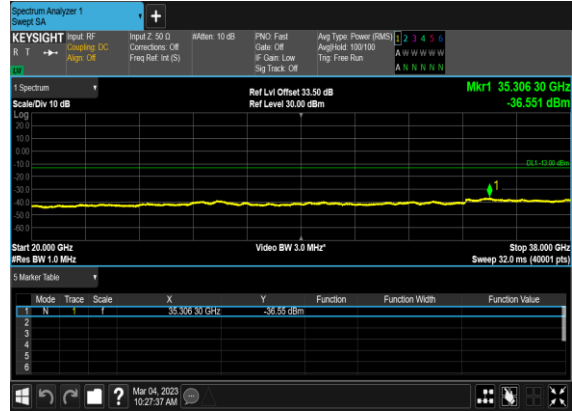
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



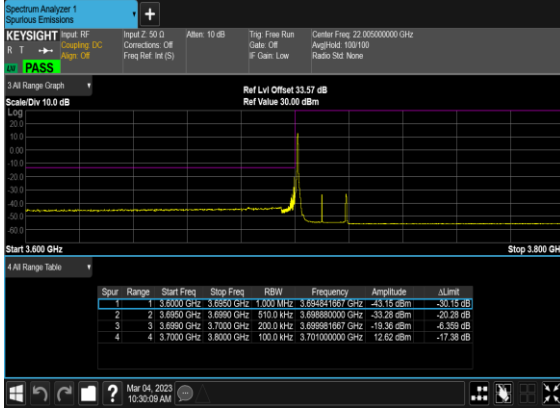
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



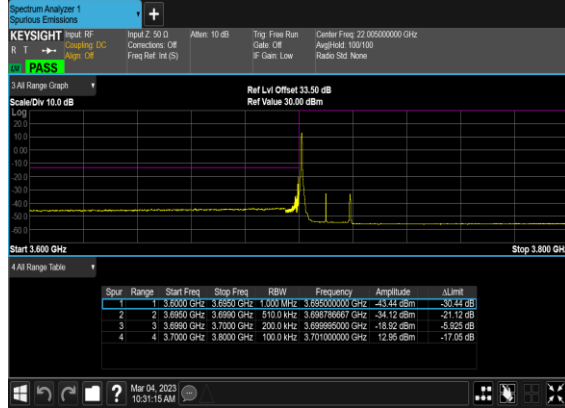
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

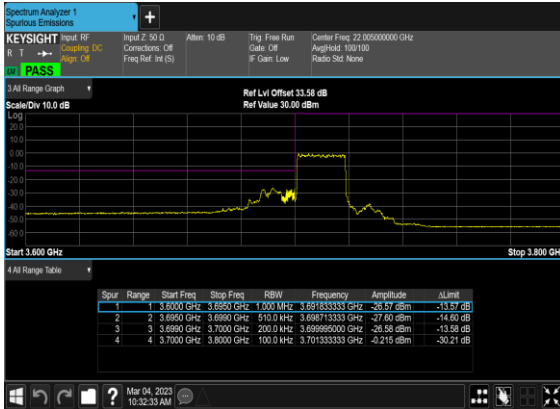
### N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



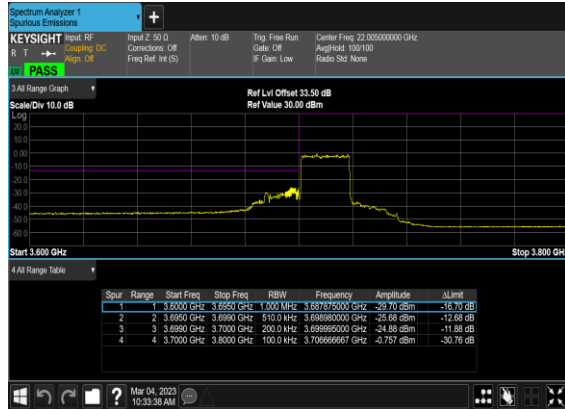
### N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



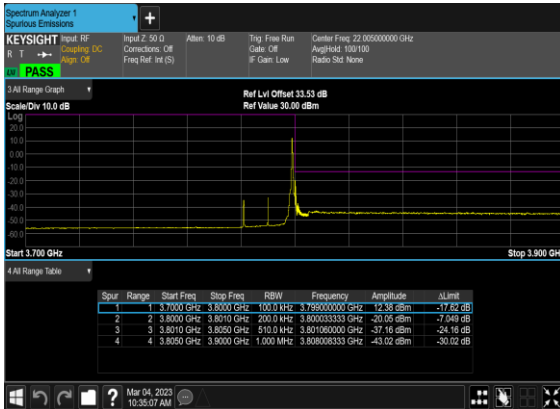
### N78(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



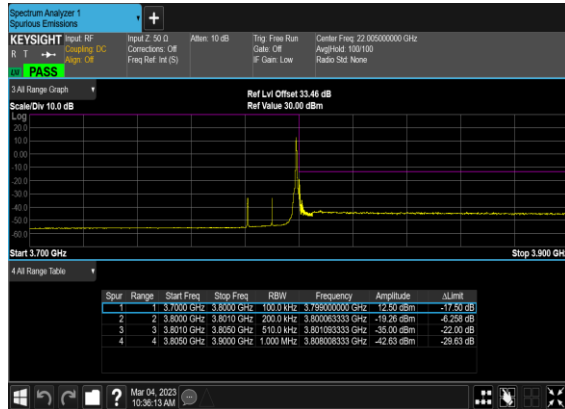
### N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



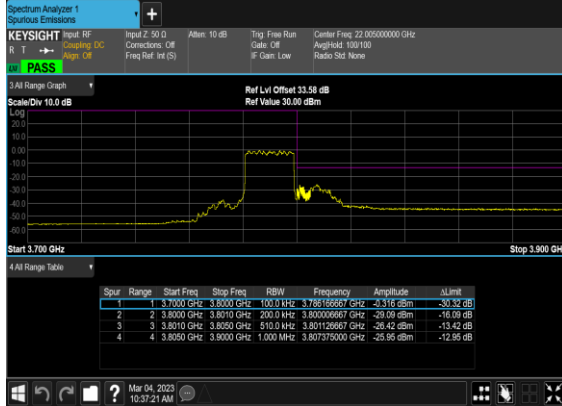
### N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



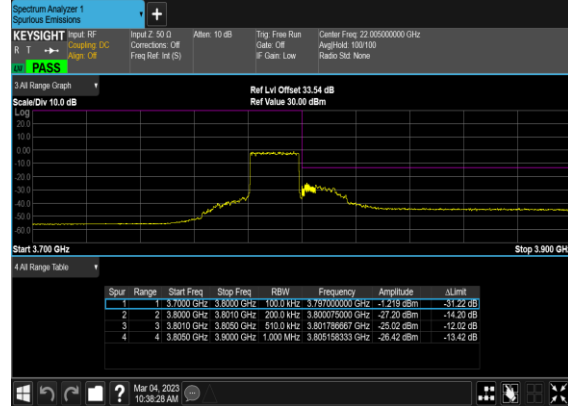
### N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



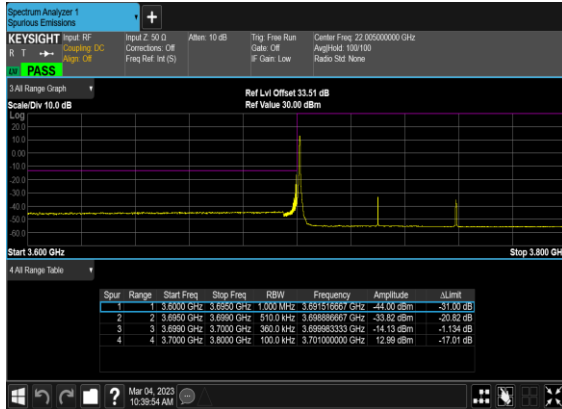
### N78(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



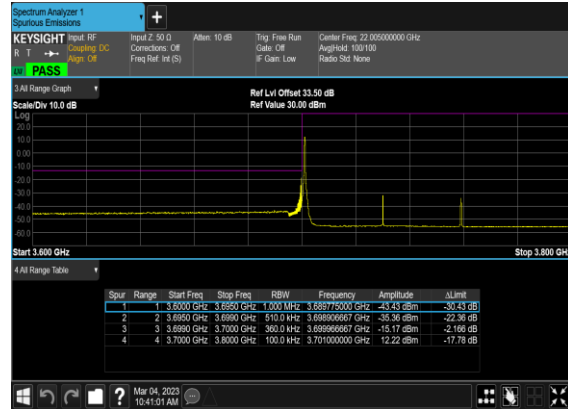
### N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



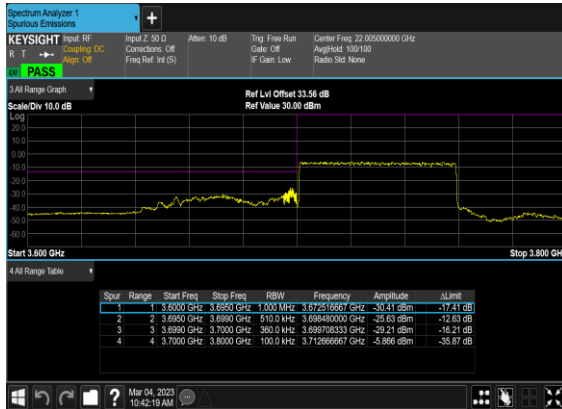
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



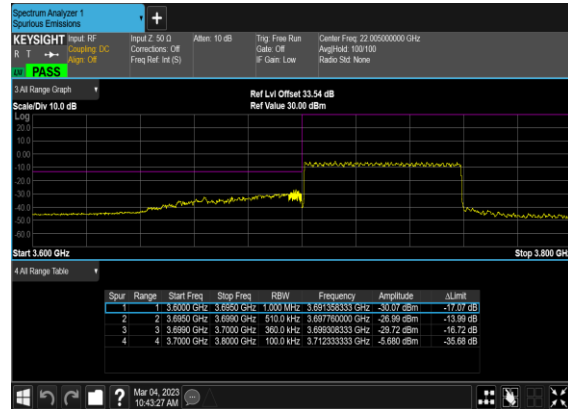
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

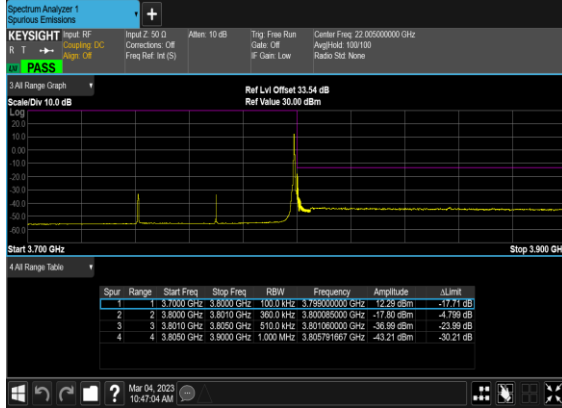


### N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

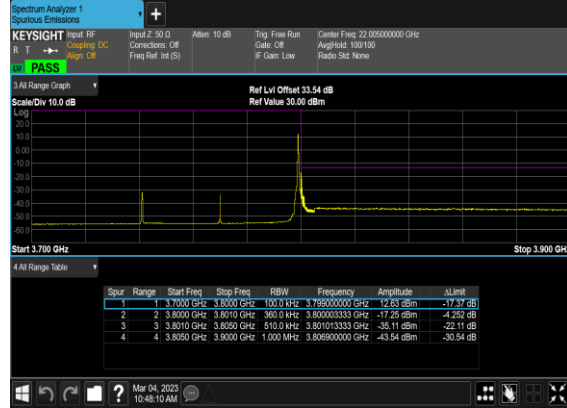




N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



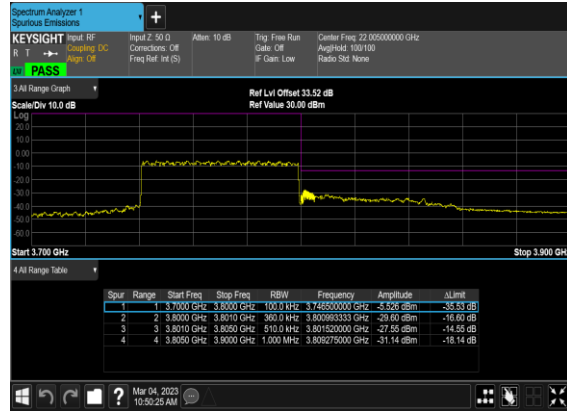
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



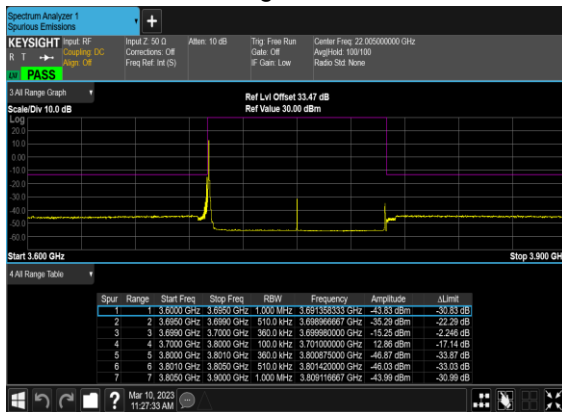
N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



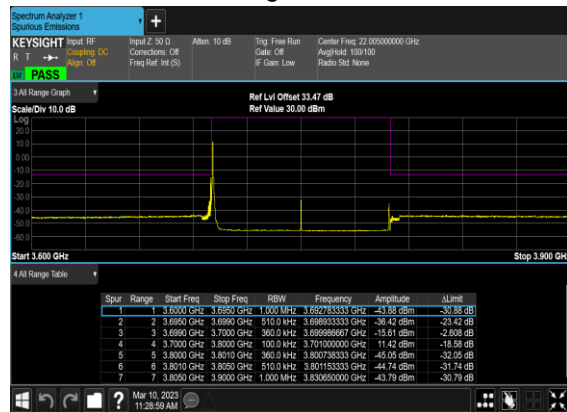
N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



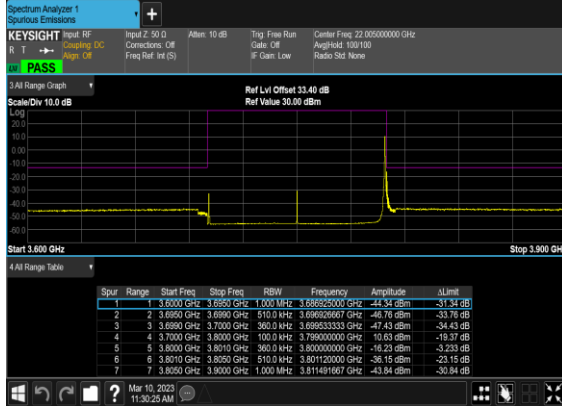
N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



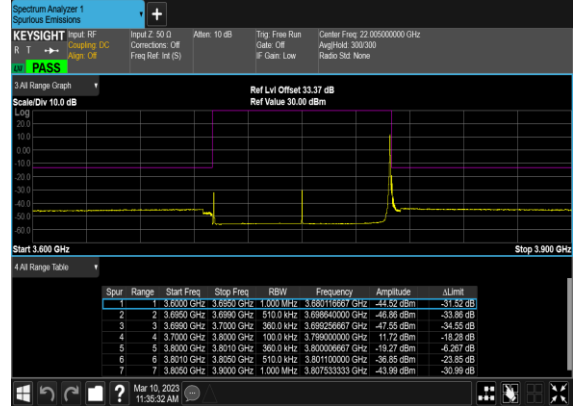
N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



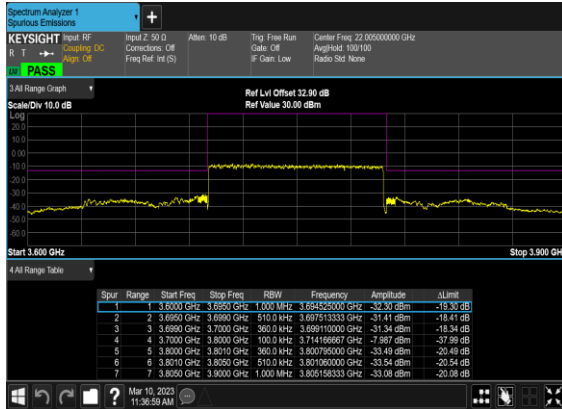
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



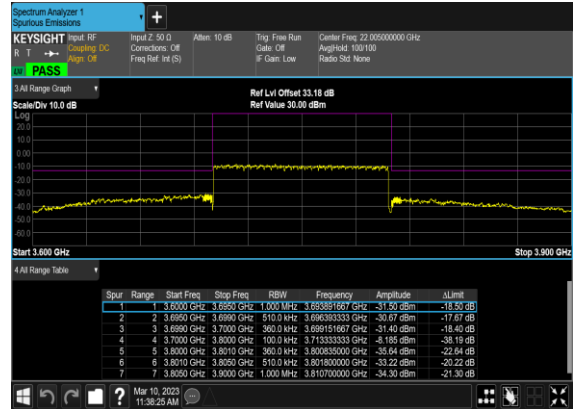
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

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

Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test and record in the report.

SA n77 / 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	7590	-62.24	-13	-49.24	-72.45	3.03	13.24	H
	11388	-59.56	-13	-46.56	-69.01	3.56	13.01	H
	15180	-58.31	-13	-45.31	-67.83	3.92	13.44	H
	7590	-62.08	-13	-49.08	-72.29	3.03	13.24	V
	11388	-59.29	-13	-46.29	-68.74	3.56	13.01	V
	15180	-58.32	-13	-45.32	-67.84	3.92	13.44	V

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

SA n78 / 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	7410	-61.92	-13	-48.92	-72.13	3.03	13.24	H
	11112	-60.34	-13	-47.34	-69.79	3.56	13.01	H
	14820	-58.13	-13	-45.13	-67.65	3.92	13.44	H
	7410	-61.23	-13	-48.23	-71.44	3.03	13.24	V
	11112	-60.02	-13	-47.02	-69.47	3.56	13.01	V
	14820	-58.06	-13	-45.06	-67.58	3.92	13.44	V

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



EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT1 (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)
Middle	7416	-62.68	-13	-49.68	-72.89	3.03	13.24	H
	11112	-59.85	-13	-46.85	-69.30	3.56	13.01	H
	14820	-58.02	-13	-45.02	-67.54	3.92	13.44	H
	7416	-62.60	-13	-49.60	-72.81	3.03	13.24	V
	11112	-59.96	-13	-46.96	-69.41	3.56	13.01	V
	14820	-58.15	-13	-45.15	-67.67	3.92	13.44	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT2 (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)
Middle	7416	-62.28	-13	-49.28	-72.49	3.03	13.24	H
	11112	-60.13	-13	-47.13	-69.58	3.56	13.01	H
	14820	-58.11	-13	-45.11	-67.63	3.92	13.44	H
	7416	-62.15	-13	-49.15	-72.36	3.03	13.24	V
	11112	-60.46	-13	-47.46	-69.91	3.56	13.01	V
	14820	-58.57	-13	-45.57	-68.09	3.92	13.44	V

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