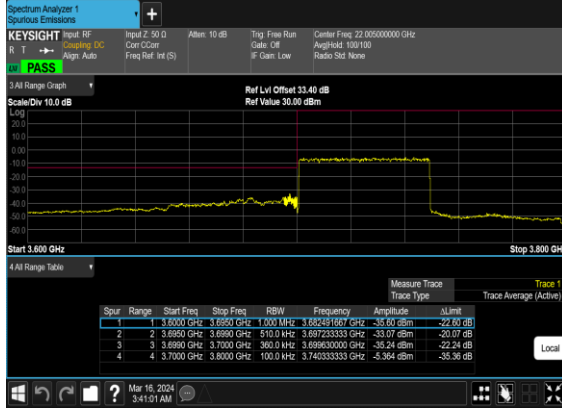
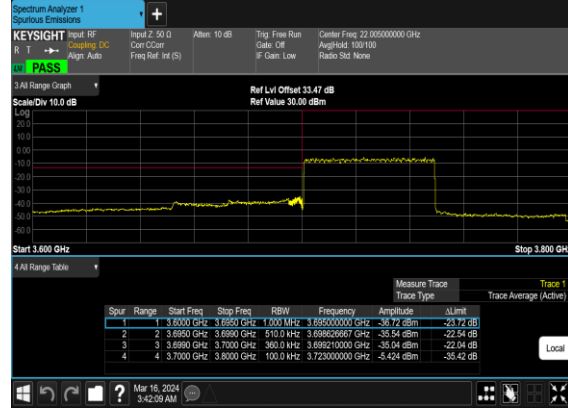


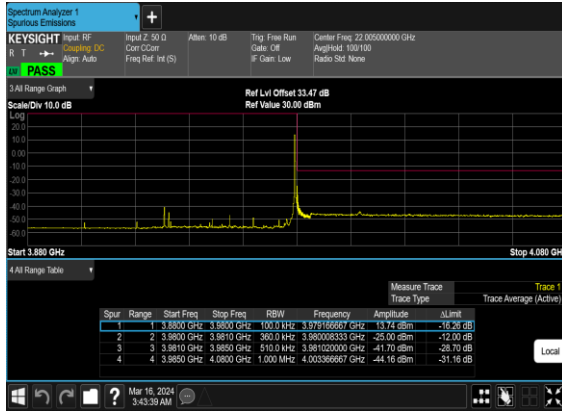
### N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



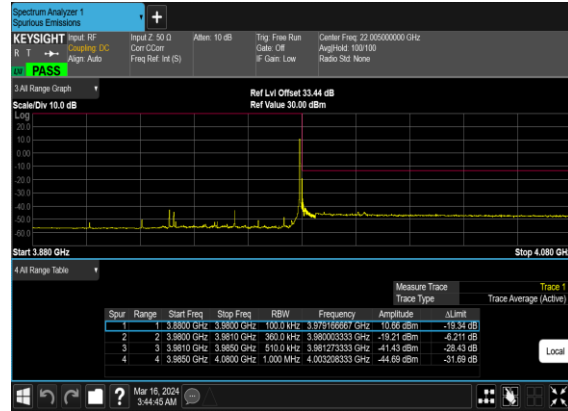
### N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



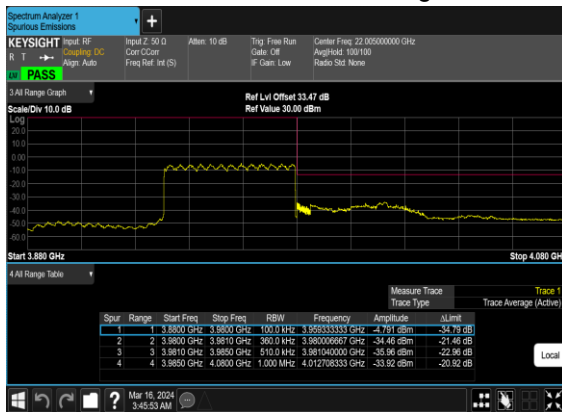
### N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



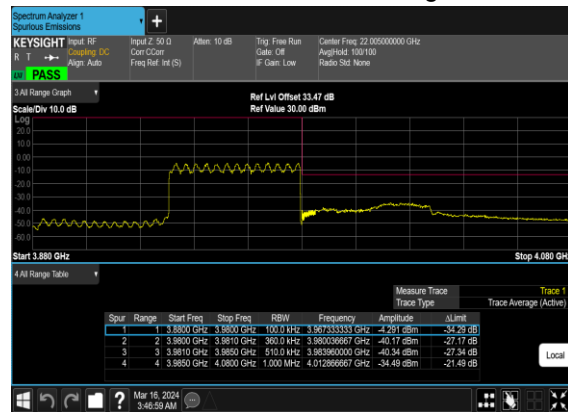
### N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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



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



# FR1 N77-SCS 30K(SISO\_ANT4)

**Transmitter Conducted Output Power And EIRP,(G<sub>T</sub> - L<sub>C</sub>)=-1.89dB**

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.99	24.1	0.2570
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.28	24.39	0.2748
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.58	24.69	0.2944
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.02	24.13	0.2588
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.35	24.46	0.2793
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.89	25	0.3162
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.06	23.17	0.2075
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.54	23.65	0.2317
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.94	24.05	0.2541
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.57	21.68	0.1472
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.04	22.15	0.1641
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	24.4	22.51	0.1782
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.65	19.76	0.0946
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.79	19.9	0.0977
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	22.21	20.32	0.1076
77	30	100	650000	3750	CP-OFDM QPSK	137@68	24.53	22.64	0.1837
77	30	100	650000	3750	CP-OFDM QPSK	1@1	24.95	23.06	0.2023
77	30	100	650000	3750	CP-OFDM QPSK	1@271	25.31	23.42	0.2198
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	26.13	24.24	0.2655
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.23	24.34	0.2716
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	26.02	24.13	0.2588
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	26.17	24.28	0.2679
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	26.29	24.4	0.2754
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	26.01	24.12	0.2582
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	25.19	23.3	0.2138
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.37	23.48	0.2228
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	25.23	23.34	0.2158
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	23.73	21.84	0.1528
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.81	21.92	0.1556
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	23.67	21.78	0.1507
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	21.81	19.92	0.0982
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.84	19.95	0.0989
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	21.64	19.75	0.0944
77	30	100	656000	3840	CP-OFDM QPSK	137@68	24.64	22.75	0.1884
77	30	100	656000	3840	CP-OFDM QPSK	1@1	24.83	22.94	0.1968
77	30	100	656000	3840	CP-OFDM QPSK	1@271	24.63	22.74	0.1879
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	25.88	23.99	0.2506
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	25.99	24.1	0.2570
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	26.35	24.46	0.2793
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	25.99	24.1	0.2570
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	26.28	24.39	0.2748
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	26.33	24.44	0.2780
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	24.93	23.04	0.2014
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	25.22	23.33	0.2153
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	25.73	23.84	0.2421

77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	23.52	21.63	0.1455
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	23.38	21.49	0.1409
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	23.86	21.97	0.1574
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	21.5	19.61	0.0914
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	21.38	19.49	0.0889
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	21.71	19.82	0.0959
77	30	100	662000	3930	CP-OFDM QPSK	137@68	24.38	22.49	0.1774
77	30	100	662000	3930	CP-OFDM QPSK	1@1	24.6	22.71	0.1866
77	30	100	662000	3930	CP-OFDM QPSK	1@271	25.03	23.14	0.2061
77	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	25.9	24.01	0.2518
77	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.99	24.1	0.2570
77	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.14	23.25	0.2113
77	30	10	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.07	24.18	0.2618
77	30	10	656000	3840	DFT-s-OFDM QPSK	1@1	26.22	24.33	0.2710
77	30	10	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.36	23.47	0.2223
77	30	10	665000	3975	DFT-s-OFDM PI/2 BPSK	1@1	26.06	24.17	0.2612
77	30	10	665000	3975	DFT-s-OFDM QPSK	1@1	26.4	24.51	0.2825
77	30	10	665000	3975	DFT-s-OFDM 16 QAM	1@1	25.23	23.34	0.2158
77	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@1	25.85	23.96	0.2489
77	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	26.1	24.21	0.2636
77	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.99	23.1	0.2042
77	30	15	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.13	24.24	0.2655
77	30	15	656000	3840	DFT-s-OFDM QPSK	1@1	26.27	24.38	0.2742
77	30	15	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.32	23.43	0.2203
77	30	15	664832	3972.48	DFT-s-OFDM PI/2 BPSK	1@1	25.78	23.89	0.2449
77	30	15	664832	3972.48	DFT-s-OFDM QPSK	1@1	26.19	24.3	0.2692
77	30	15	664832	3972.48	DFT-s-OFDM 16 QAM	1@1	24.95	23.06	0.2023
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.88	23.99	0.2506
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.9	24.01	0.2518
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.16	23.27	0.2123
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.12	24.23	0.2649
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	26.33	24.44	0.2780
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.31	23.42	0.2198
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@1	25.71	23.82	0.2410
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	25.83	23.94	0.2477
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	25.13	23.24	0.2109
77	30	25	647500	3712.5	DFT-s-OFDM PI/2 BPSK	1@1	25.9	24.01	0.2518
77	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.04	24.15	0.2600
77	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.13	23.24	0.2109
77	30	25	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.25	24.36	0.2729
77	30	25	656000	3840	DFT-s-OFDM QPSK	1@1	26.44	24.55	0.2851
77	30	25	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.41	23.52	0.2249
77	30	25	664500	3967.5	DFT-s-OFDM PI/2 BPSK	1@1	25.72	23.83	0.2415
77	30	25	664500	3967.5	DFT-s-OFDM QPSK	1@1	25.8	23.91	0.2460
77	30	25	664500	3967.5	DFT-s-OFDM 16 QAM	1@1	24.91	23.02	0.2004
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.91	24.02	0.2523
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.97	24.08	0.2559
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.17	23.28	0.2128
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.29	24.4	0.2754
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	26.45	24.56	0.2858
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.54	23.65	0.2317
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@1	25.58	23.69	0.2339
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	25.94	24.05	0.2541
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	24.67	22.78	0.1897

77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.89	24	0.2512
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.06	24.17	0.2612
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.04	23.15	0.2065
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.37	24.48	0.2805
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	26.56	24.67	0.2931
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.53	23.64	0.2312
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@1	25.57	23.68	0.2333
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	25.82	23.93	0.2472
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	24.8	22.91	0.1954
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.9	24.01	0.2518
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.94	24.05	0.2541
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.17	23.28	0.2128
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.43	24.54	0.2844
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	26.62	24.73	0.2972
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.53	23.64	0.2312
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@1	25.52	23.63	0.2307
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	25.81	23.92	0.2466
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	24.78	22.89	0.1945
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.84	23.95	0.2483
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.92	24.03	0.2529
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.16	23.27	0.2123
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.44	24.55	0.2851
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	26.63	24.74	0.2979
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.68	23.79	0.2393
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@1	25.66	23.77	0.2382
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	25.96	24.07	0.2553
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	24.88	22.99	0.1991
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.07	0.2553
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	26.15	24.26	0.2667
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	25.17	23.28	0.2128
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.51	24.62	0.2897
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	26.64	24.75	0.2985
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.75	23.86	0.2432
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.07	0.2553
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	26.16	24.27	0.2673
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	25.28	23.39	0.2183
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.95	24.06	0.2547
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.97	24.08	0.2559
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.11	23.22	0.2099
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.43	24.54	0.2844
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	26.48	24.59	0.2877
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.7	23.81	0.2404
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@1	25.76	23.87	0.2438
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	26.02	24.13	0.2588
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	25.11	23.22	0.2099
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	26.78	24.89	0.3083
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	26.89	25	0.3162
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	26.3	24.41	0.2761
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.28	24.39	0.2748
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	26.3	24.41	0.2761
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.52	23.63	0.2307
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@1	26.02	24.13	0.2588
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	26.06	24.17	0.2612
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	25.21	23.32	0.2148

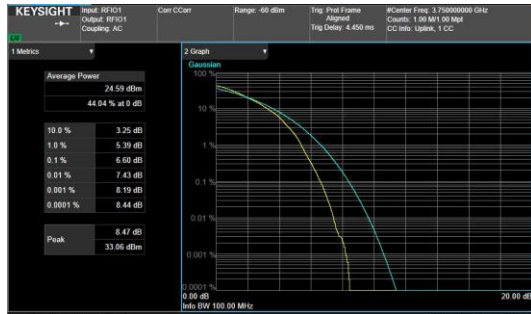
## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00295	PASS	NV
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	-0.00342	PASS	LV
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00365	PASS	HV
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00485	PASS	-30°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00324	PASS	-20°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00145	PASS	-10°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00237	PASS	0°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00357	PASS	10°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	-0.00246	PASS	20°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00385	PASS	30°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00427	PASS	40°C
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	0.00356	PASS	50°C

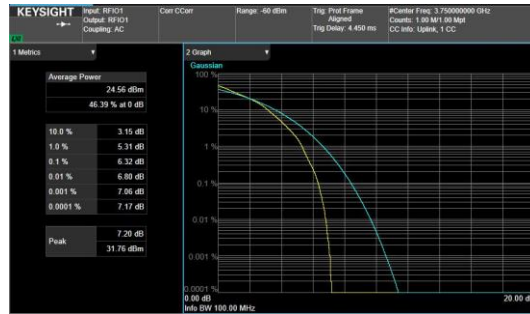
## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	270@0	6.60	13	PASS
77	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@0	6.32	13	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	6.32	13	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	6.33	13	PASS

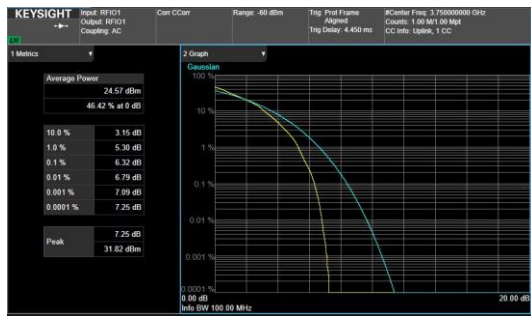
N77(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



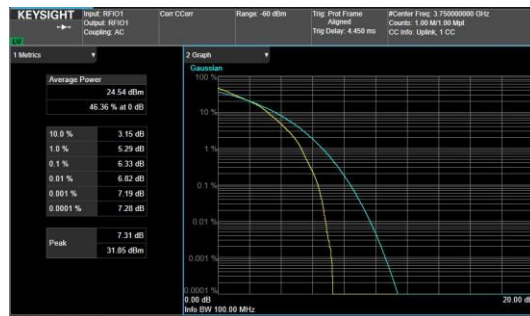
N77(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



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



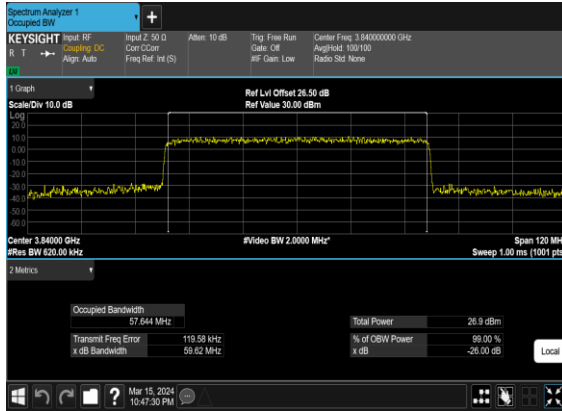
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



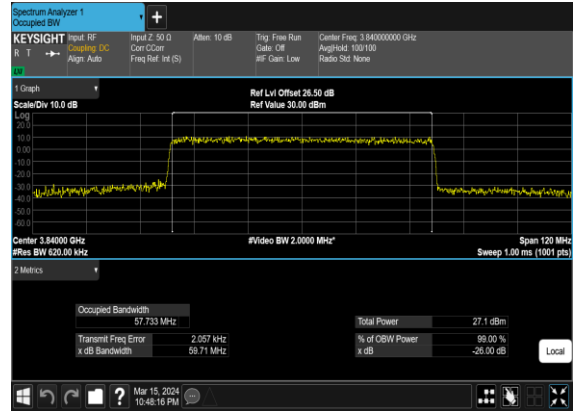
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.644	59.62
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.733	59.71
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.721	59.63
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.796	59.68
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.52	69.67
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.453	69.65
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.34	69.62
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.658	69.79
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.446	79.84
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.541	79.84
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.462	80.01
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.454	79.95
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.461	90.24
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.597	90.28
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.35	90.21
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.37	90.25
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.544	100.5
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.438	100.4
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.382	100.4
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.758	100.5

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



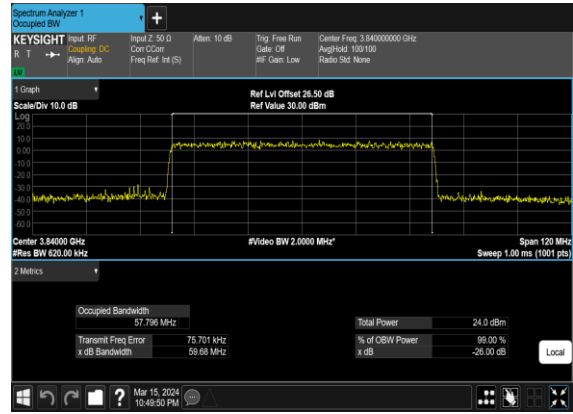
### N77(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



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



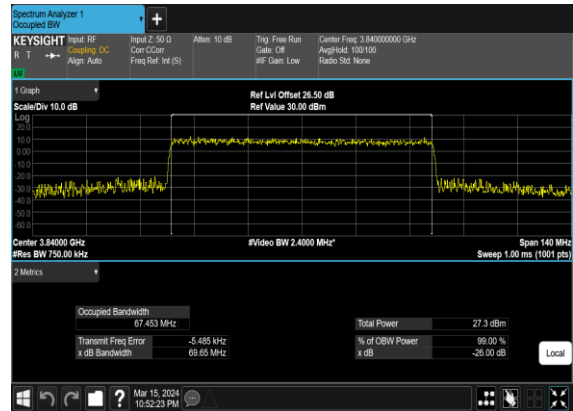
### N77(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



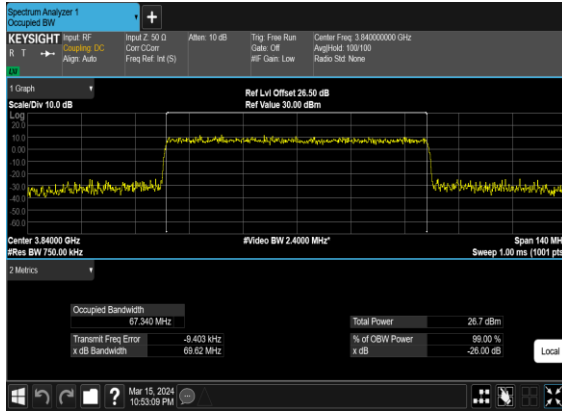
### N77(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



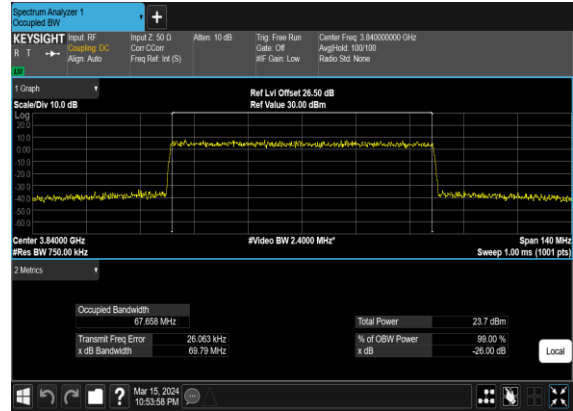
### N77(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N77(70M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



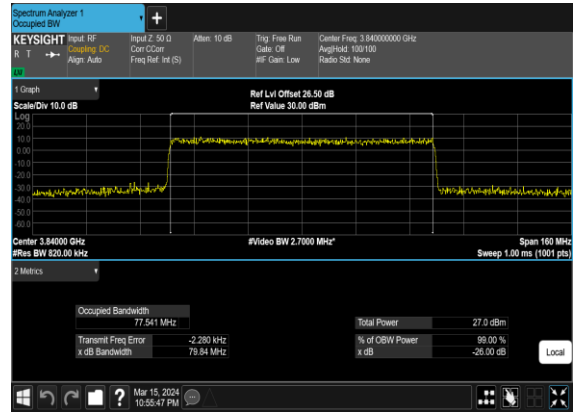
### N77(70M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



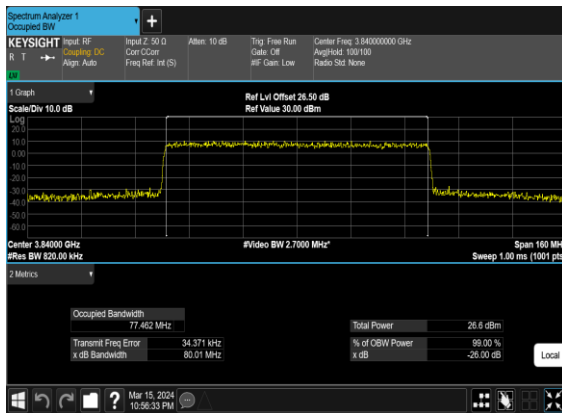
### N77(80M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



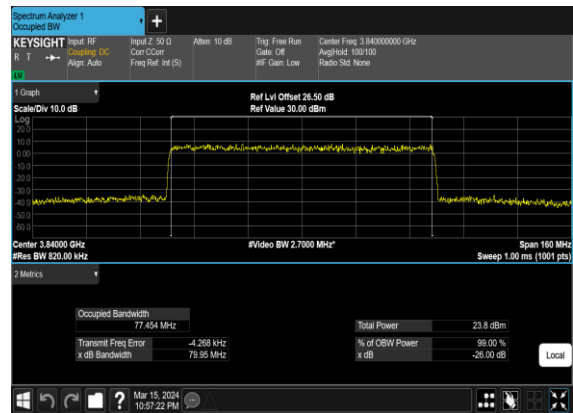
### N77(80M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



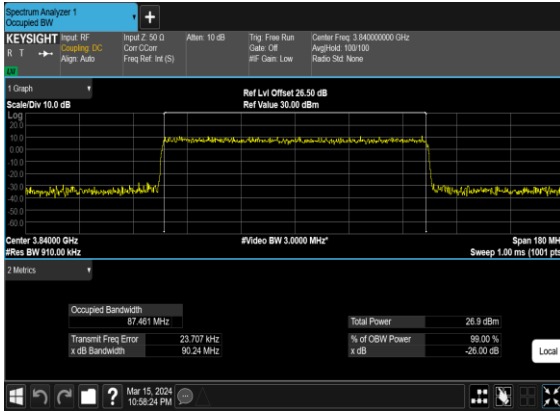
### N77(80M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



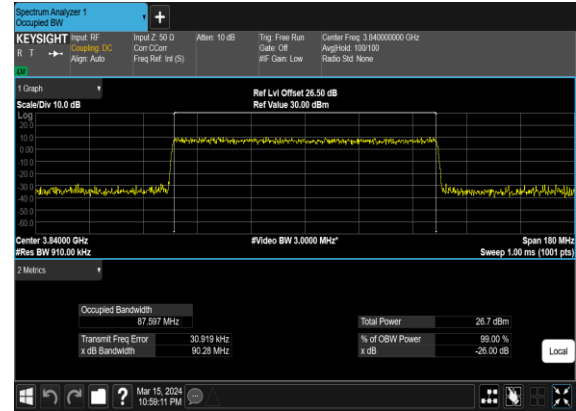
### N77(80M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



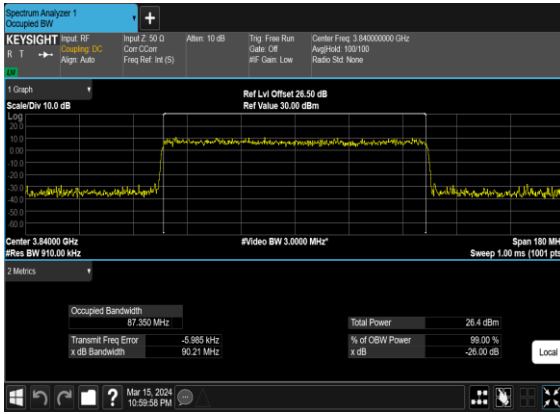
### N77(90M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



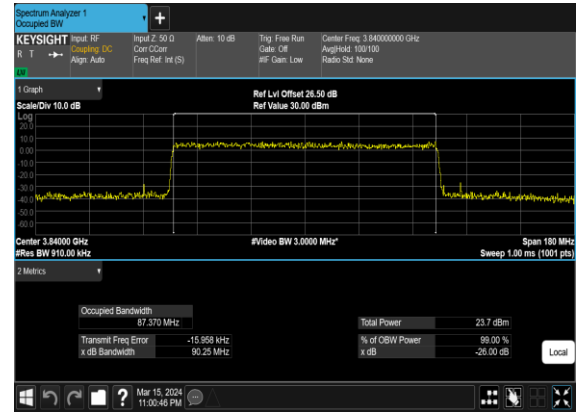
### N77(90M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



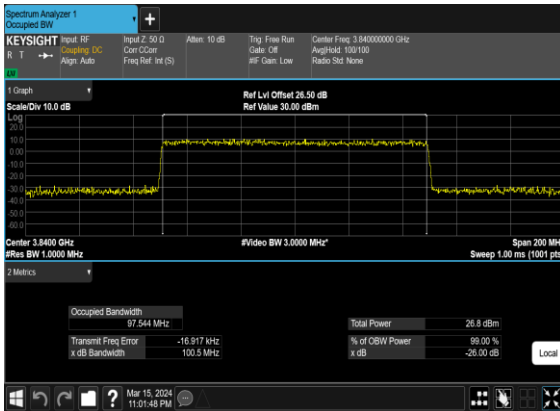
### N77(90M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



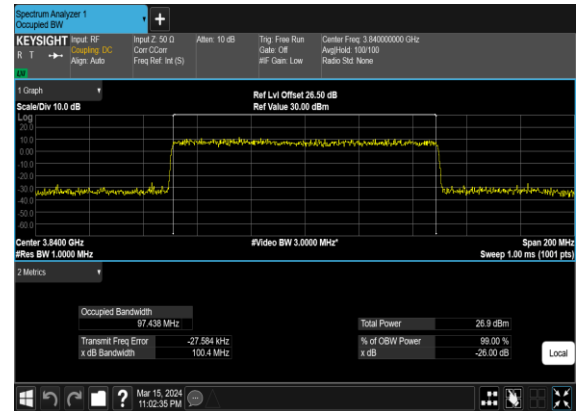
### N77(90M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



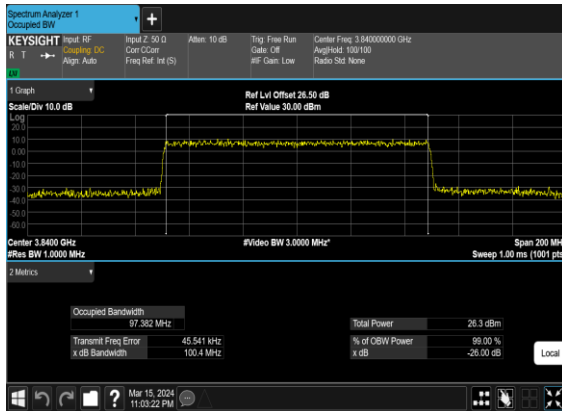
### N77(100M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



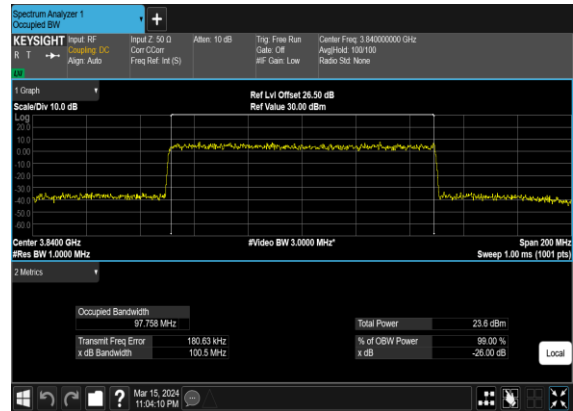
### N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



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



## N77(100M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

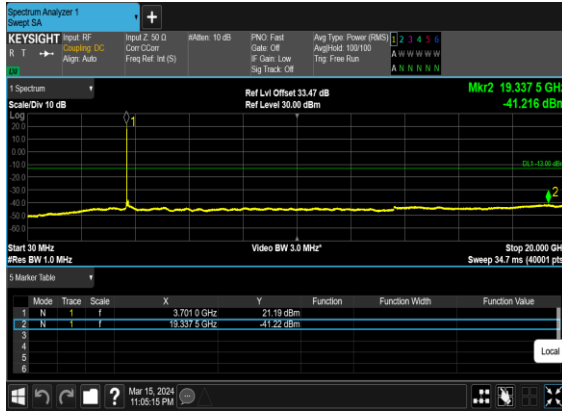


## Conducted Spurious Emissions

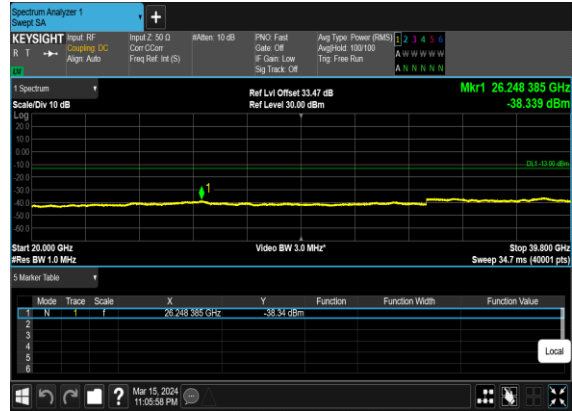
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	80	662666	3939.99	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(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



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



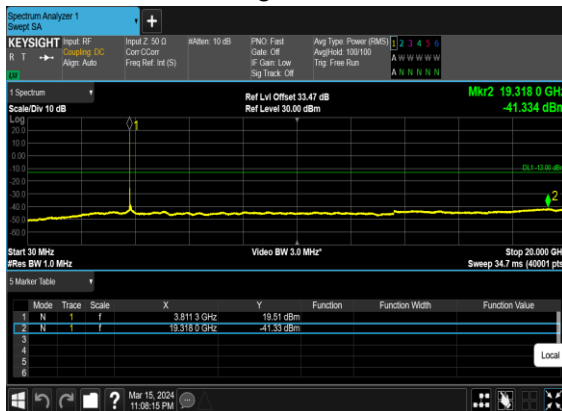
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



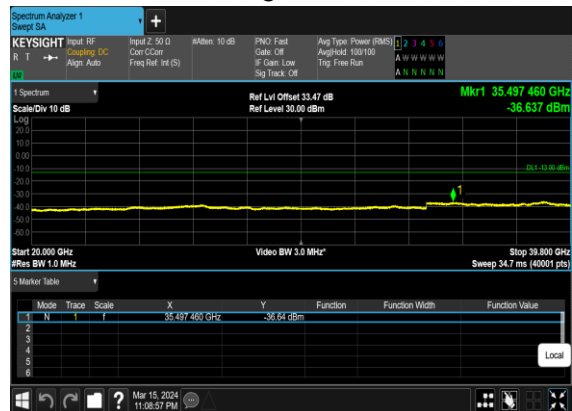
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



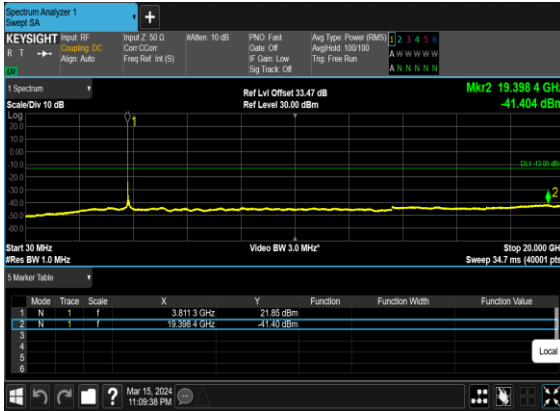
N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



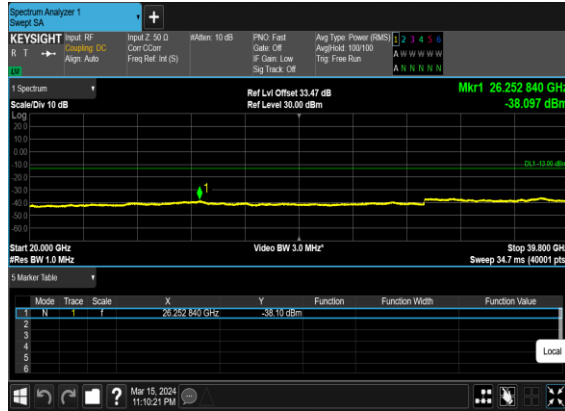
N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



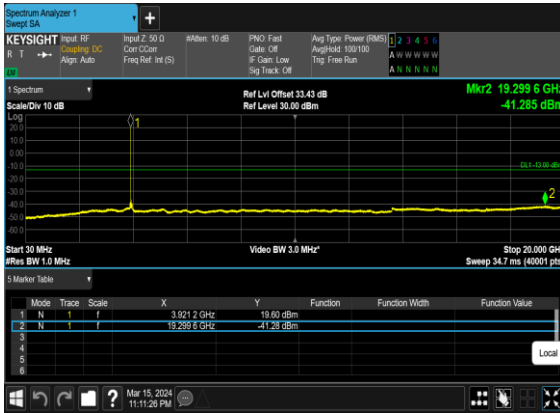
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



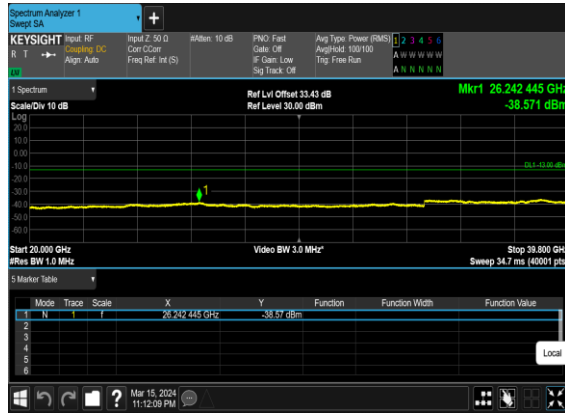
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



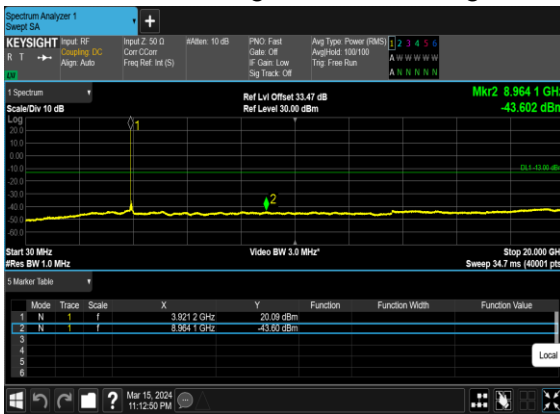
N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



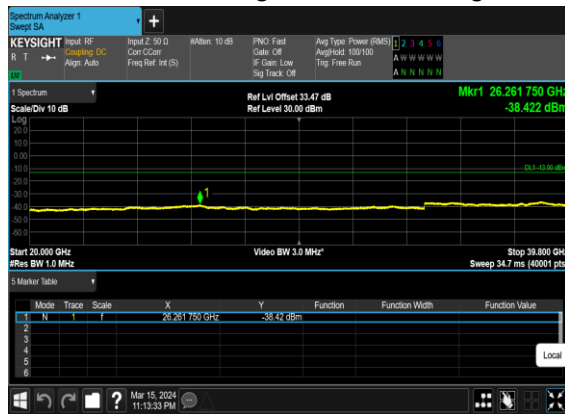
N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



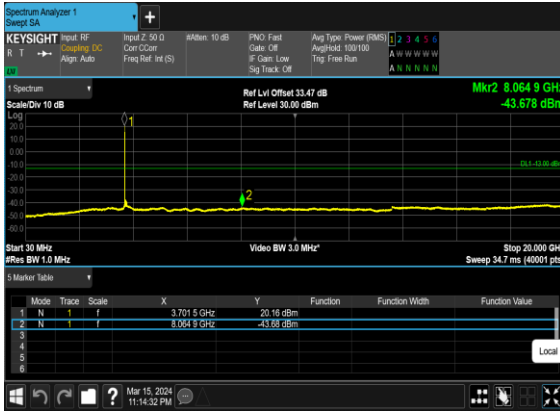
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



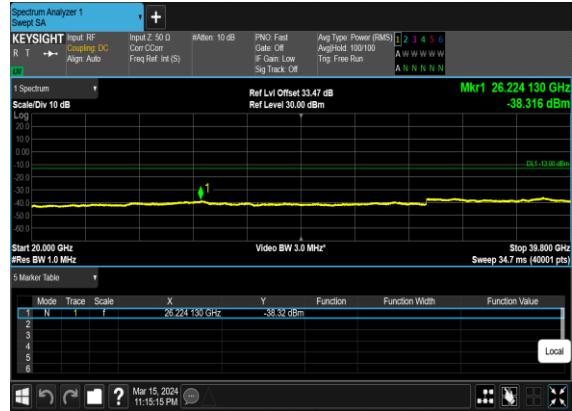
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



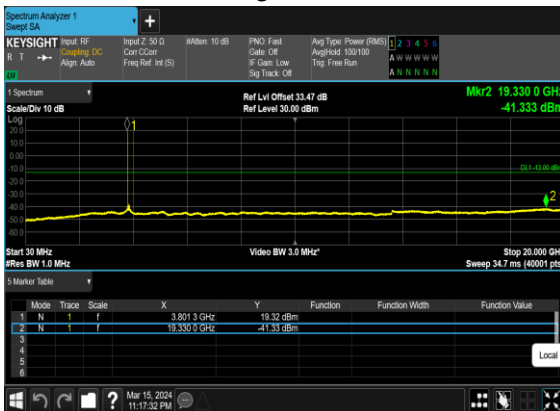
N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



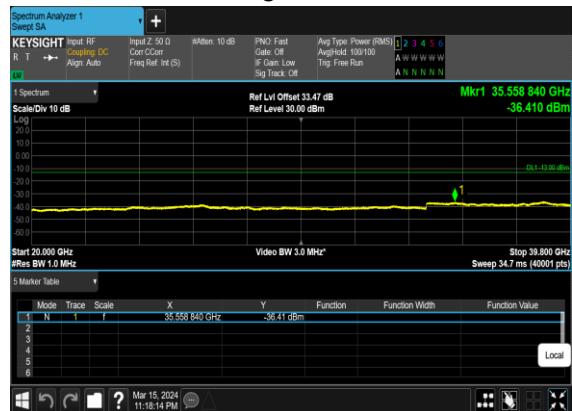
N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



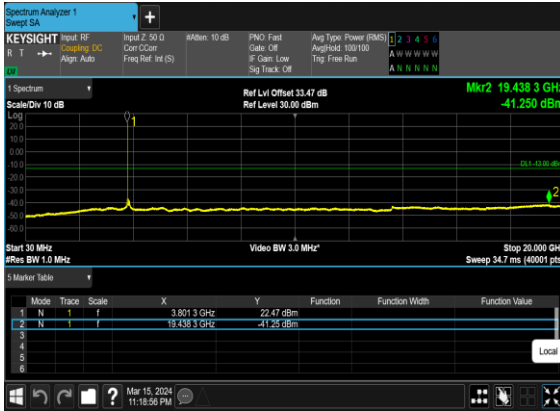
N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



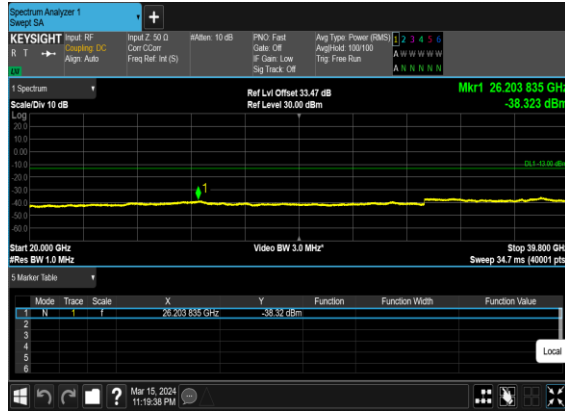
N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



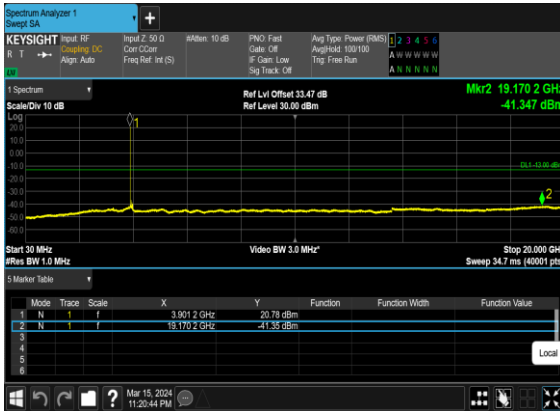
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



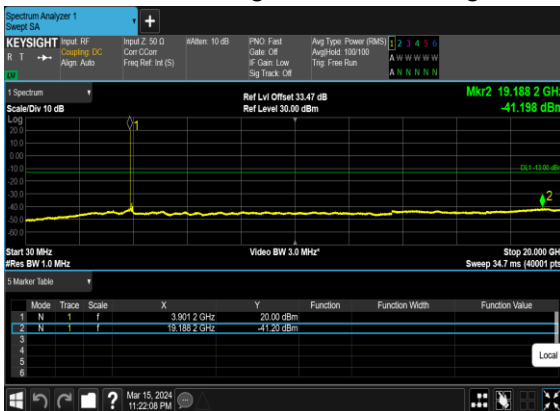
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



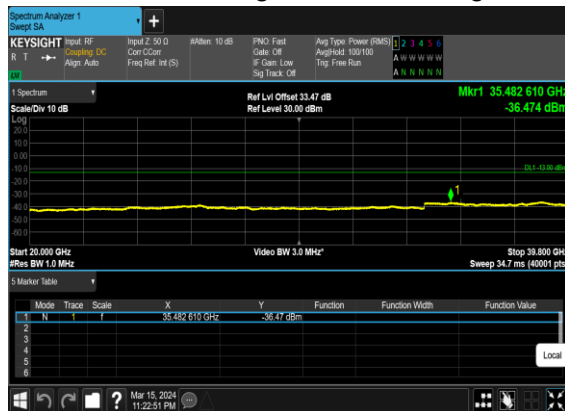
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



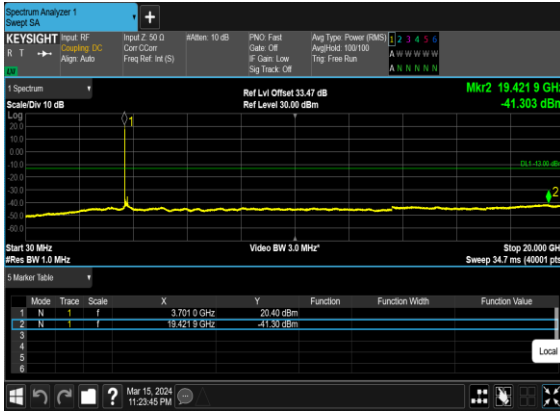
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



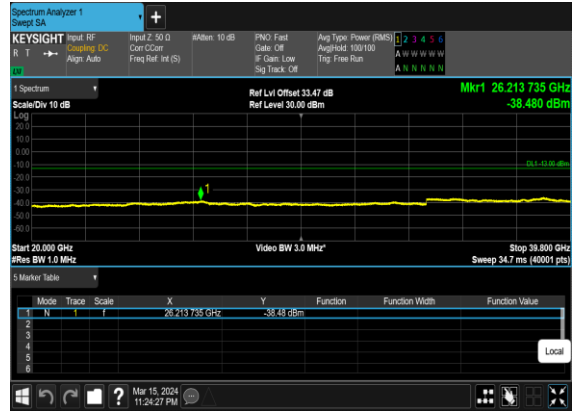
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



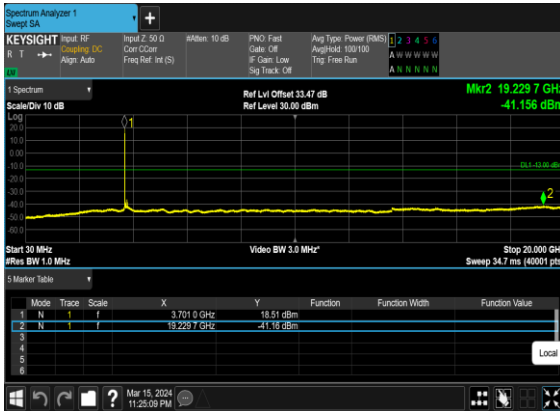
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



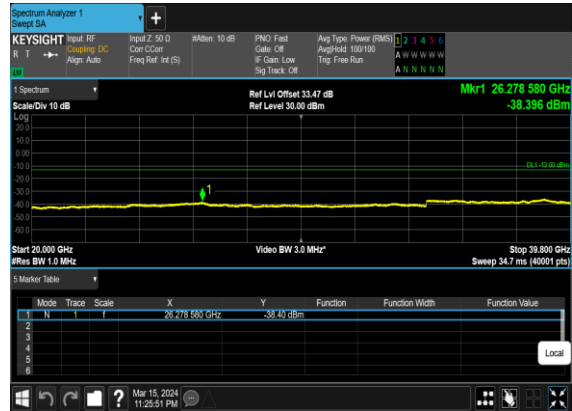
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



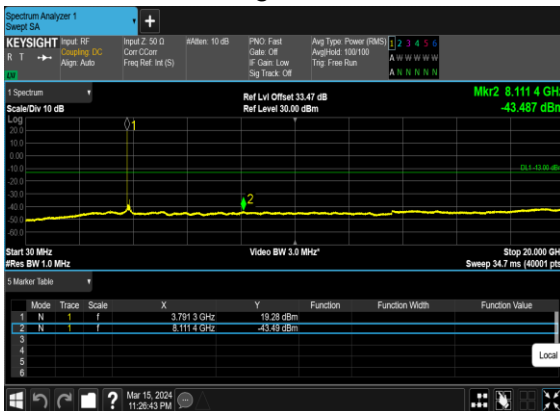
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



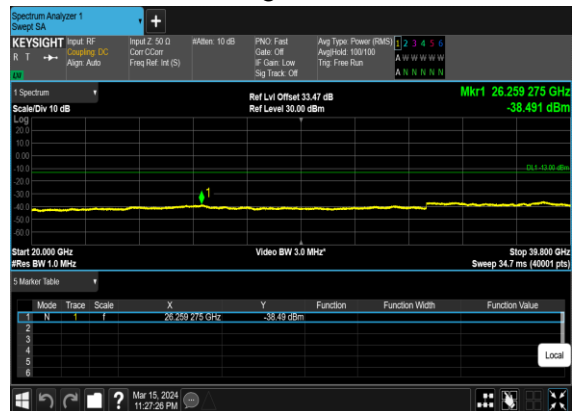
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



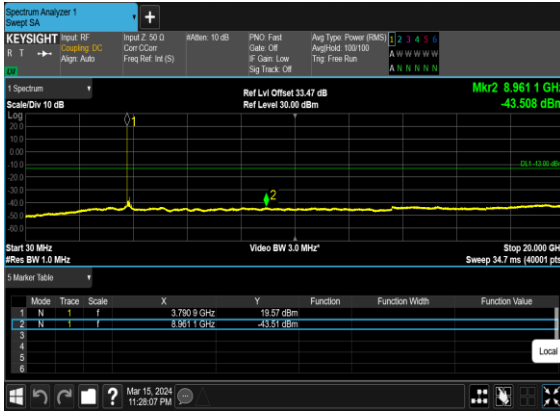
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



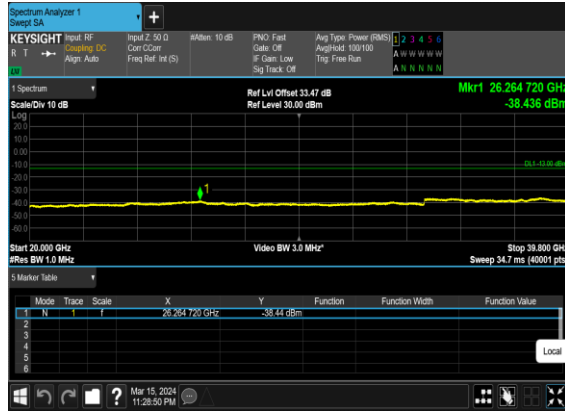
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



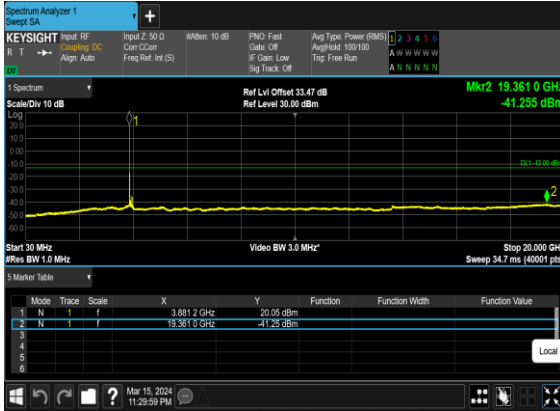
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



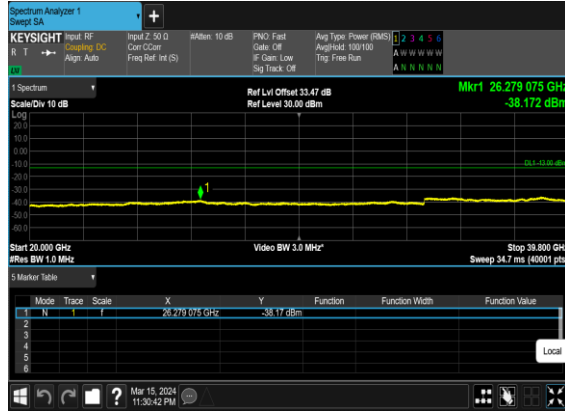
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



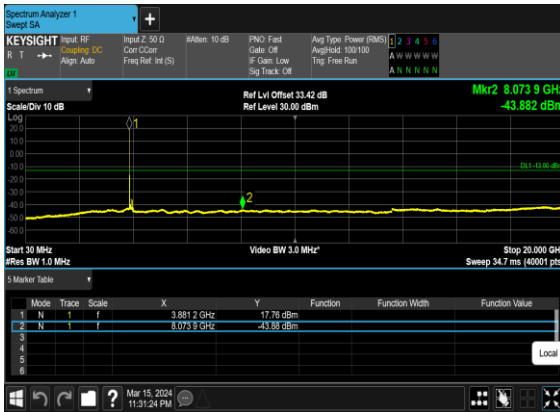
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



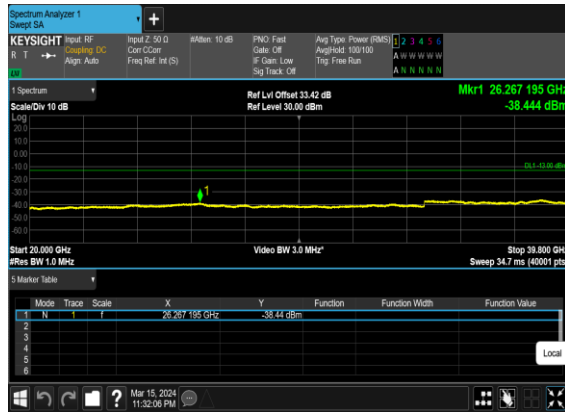
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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



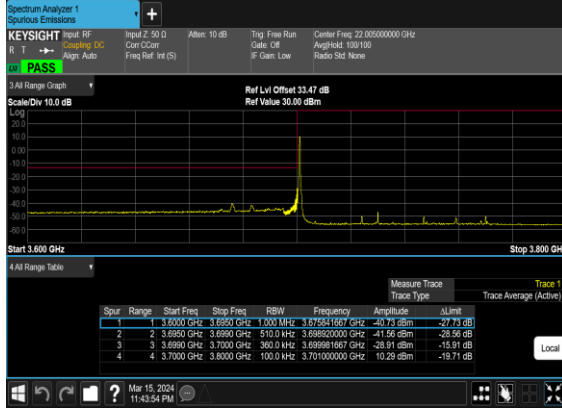
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



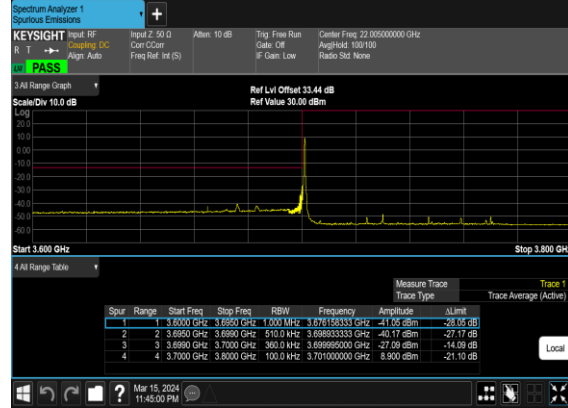
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	216@0	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@216	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@216	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	216@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

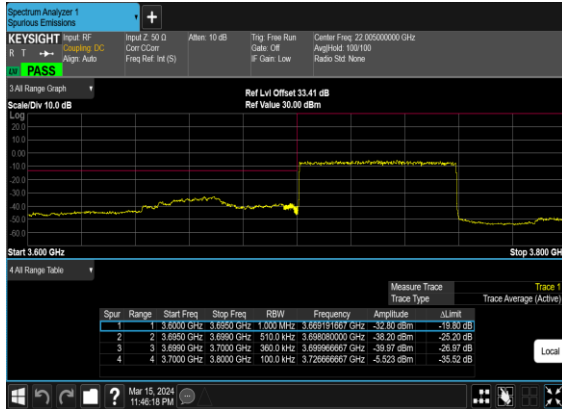
N77(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



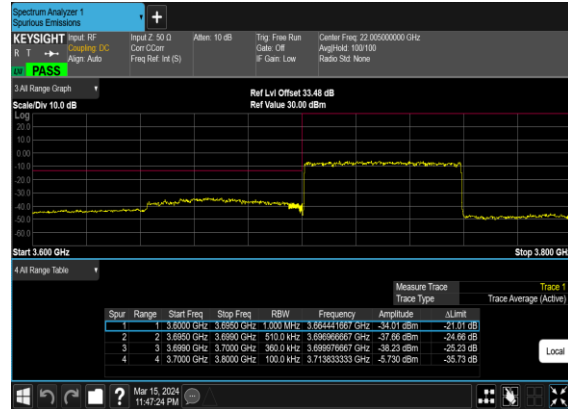
N77(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



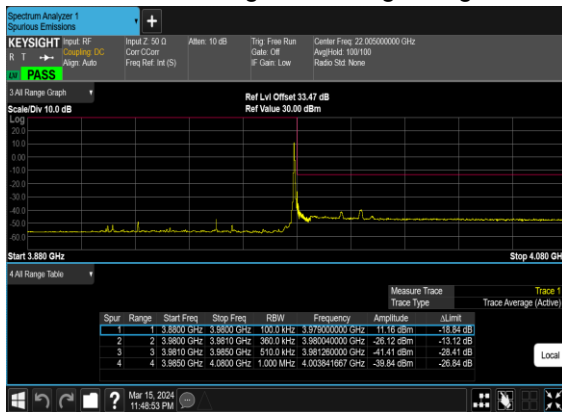
N77(60M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



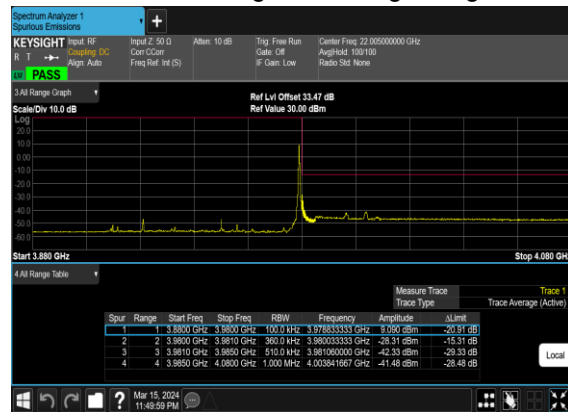
N77(60M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



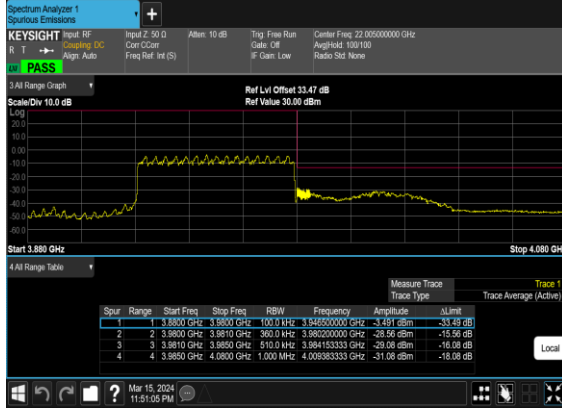
N77(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



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



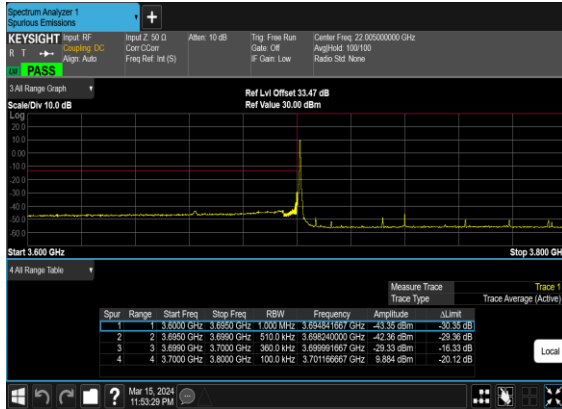
### N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



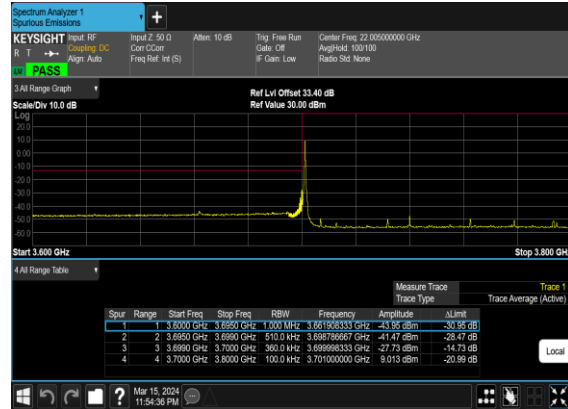
### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



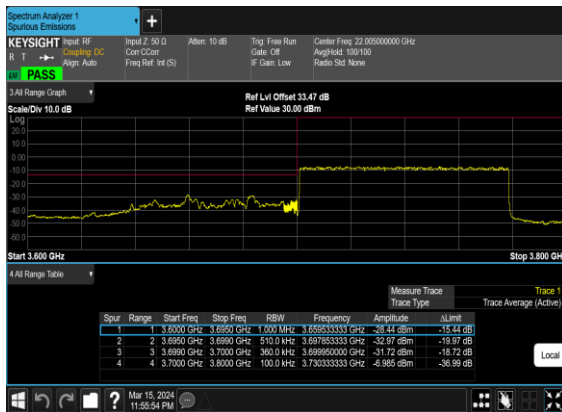
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



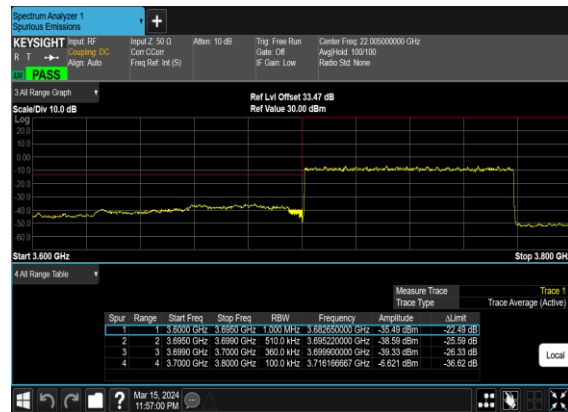
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



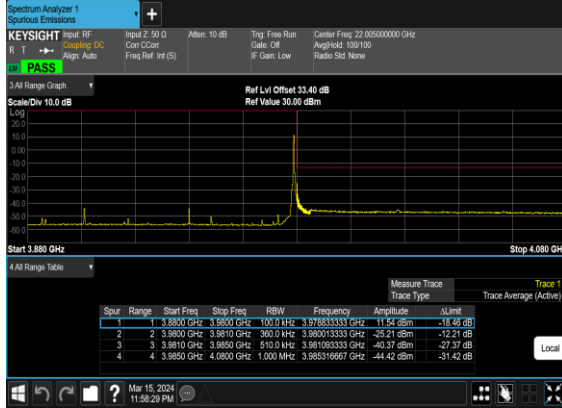
### N77(80M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



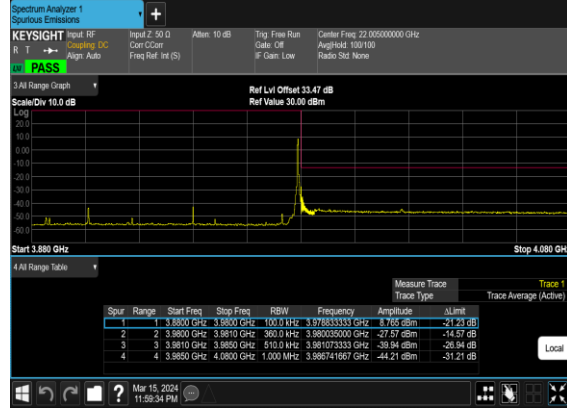
### N77(80M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



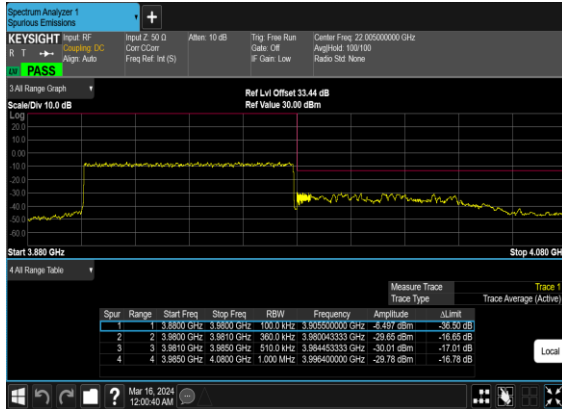
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



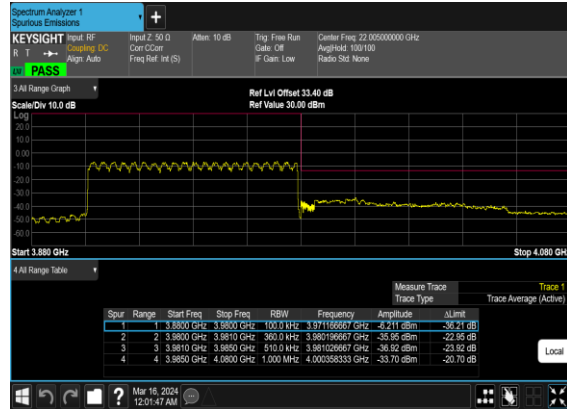
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



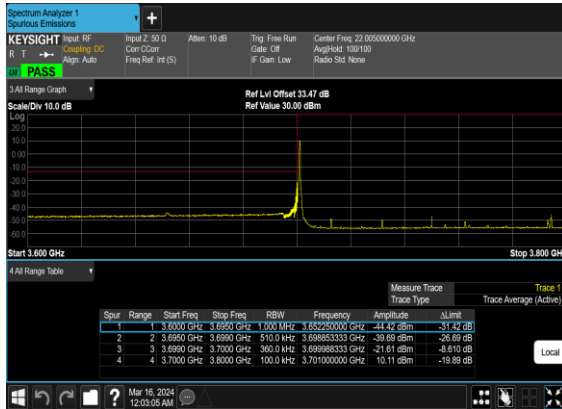
### N77(80M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



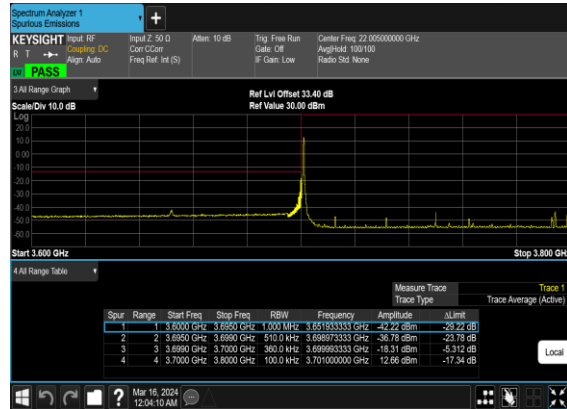
### N77(80M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



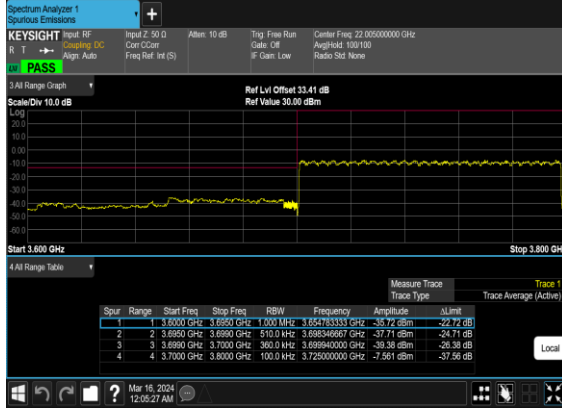
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



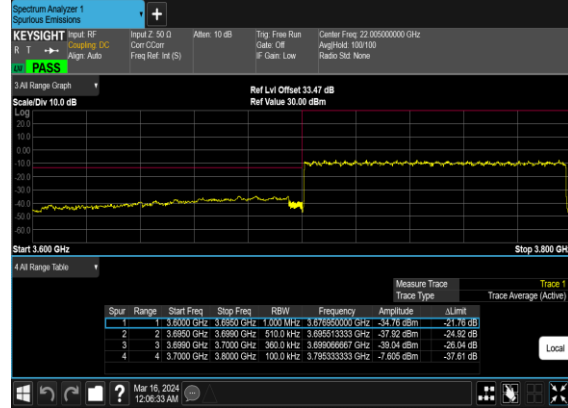
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



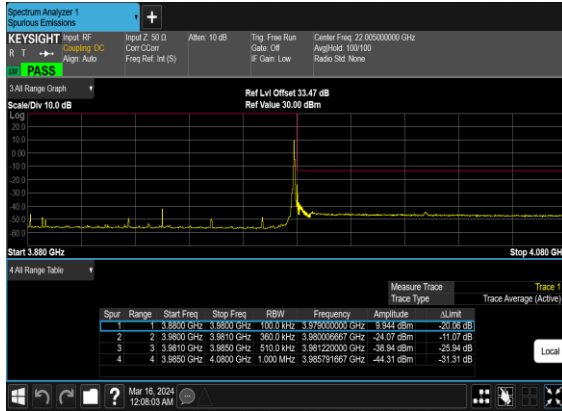
N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



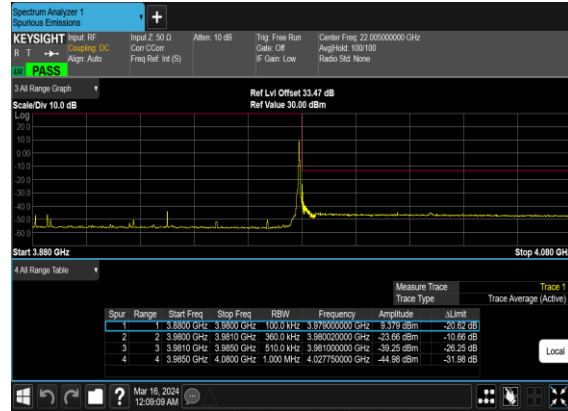
N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



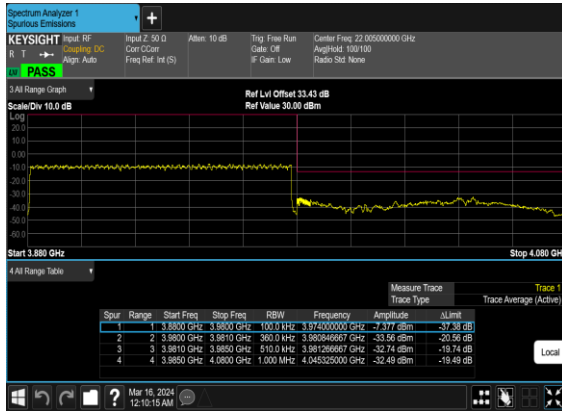
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



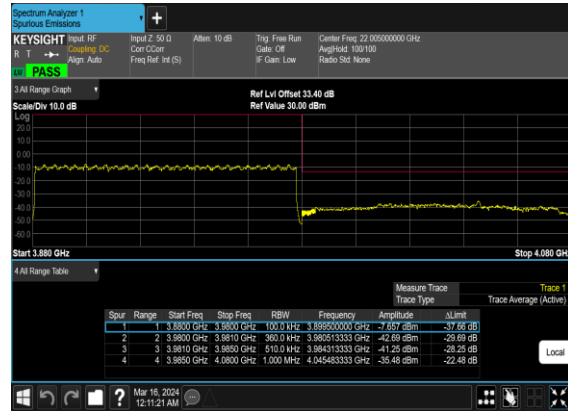
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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



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



# FR1 N78-SCS 15K(SISO\_ANT4)

Transmitter Conducted Output Power And EIRP,(G<sub>T</sub> - L<sub>C</sub>)=-1.89dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	26.19	24.3	0.2692
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.73	23.84	0.2421
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	25.01	23.12	0.2051
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	26.21	24.32	0.2704
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.79	23.9	0.2455
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	25	23.11	0.2046
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	25.16	23.27	0.2123
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.67	22.78	0.1897
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	23.97	22.08	0.1614
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	23.7	21.81	0.1517
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.23	21.34	0.1361
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	22.51	20.62	0.1153
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	21.77	19.88	0.0973
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.34	19.45	0.0881
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	20.59	18.7	0.0741
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.66	22.77	0.1892
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.29	22.4	0.1738
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	23.68	21.79	0.1510
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.02	24.13	0.2588
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.44	24.55	0.2851
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	26.4	24.51	0.2825
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	25.52	23.63	0.2307
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.65	24.76	0.2992
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	26.32	24.43	0.2773
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.57	22.68	0.1854
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.64	23.75	0.2371
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	25.57	23.68	0.2333
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.1	21.21	0.1321
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.93	22.04	0.1600
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	23.8	21.91	0.1552
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.12	19.23	0.0838
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.74	19.85	0.0966
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	21.72	19.83	0.0962
78	15	50	650000	3750	CP-OFDM QPSK	135@67	24	22.11	0.1626
78	15	50	650000	3750	CP-OFDM QPSK	1@1	24.94	23.05	0.2018
78	15	50	650000	3750	CP-OFDM QPSK	1@268	24.95	23.06	0.2023
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	25.9	24.01	0.2518
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	24.86	22.97	0.1982
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	26.36	24.47	0.2799
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	25.91	24.02	0.2523
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	24.91	23.02	0.2004
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	26.37	24.48	0.2805
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	24.92	23.03	0.2009
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	23.82	21.93	0.1560
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	25.29	23.4	0.2188
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	23.46	21.57	0.1435
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	22.39	20.5	0.1122
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	24.01	22.12	0.1629
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	21.49	19.6	0.0912
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	20.4	18.51	0.0710
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	21.96	20.07	0.1016
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	24.38	22.49	0.1774
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	23.38	21.49	0.1409

78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	24.99	23.1	0.2042
78	15	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	25.87	23.98	0.2500
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.94	24.05	0.2541
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.83	22.94	0.1968
78	15	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.73	23.84	0.2421
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.79	23.9	0.2455
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.67	22.78	0.1897
78	15	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	26.23	24.34	0.2716
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.3	24.41	0.2761
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.19	23.3	0.2138
78	15	15	647167	3707.505	DFT-s-OFDM PI/2 BPSK	1@1	25.85	23.96	0.2489
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	25.88	23.99	0.2506
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	24.79	22.9	0.1950
78	15	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.05	24.16	0.2606
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	26.1	24.21	0.2636
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25	23.11	0.2046
78	15	15	652833	3792.495	DFT-s-OFDM PI/2 BPSK	1@1	26.03	24.14	0.2594
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	26.12	24.23	0.2649
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	25.02	23.13	0.2056
78	15	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.82	23.93	0.2472
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.87	23.98	0.2500
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.81	22.92	0.1959
78	15	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.34	24.45	0.2786
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.38	24.49	0.2812
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.25	23.36	0.2168
78	15	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	26.05	24.16	0.2606
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.09	24.2	0.2630
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25	23.11	0.2046
78	15	25	647500	3712.5	DFT-s-OFDM PI/2 BPSK	1@1	25.79	23.9	0.2455
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.87	23.98	0.2500
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	24.57	22.68	0.1854
78	15	25	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.52	24.63	0.2904
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	26.55	24.66	0.2924
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.47	23.58	0.2280
78	15	25	652500	3787.5	DFT-s-OFDM PI/2 BPSK	1@1	26.02	24.13	0.2588
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	26.08	24.19	0.2624
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	24.98	23.09	0.2037
78	15	30	647667	3715.005	DFT-s-OFDM PI/2 BPSK	1@1	25.8	23.91	0.2460
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	25.9	24.01	0.2518
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	24.78	22.89	0.1945
78	15	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.57	24.68	0.2938
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.65	24.76	0.2992
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.53	23.64	0.2312
78	15	30	652333	3784.995	DFT-s-OFDM PI/2 BPSK	1@1	25.8	23.91	0.2460
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	25.83	23.94	0.2477
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	24.78	22.89	0.1945
78	15	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.78	23.89	0.2449
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.85	23.96	0.2489
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.72	22.83	0.1919
78	15	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.52	24.63	0.2904
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.59	24.7	0.2951
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.47	23.58	0.2280
78	15	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	24.84	22.95	0.1972
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	24.92	23.03	0.2009
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	23.8	21.91	0.1552

# FR1 N78-SCS 30K(SISO\_ANT4)

Transmitter Conducted Output Power And EIRP,(G<sub>T</sub> - L<sub>C</sub>)=-1.89dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.06	24.17	0.2612
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.31	24.42	0.2767
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.86	24.97	0.3141
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.16	24.27	0.2673
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.51	24.62	0.2897
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.76	24.87	0.3069
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.14	23.25	0.2113
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.5	23.61	0.2296
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	26.08	24.19	0.2624
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.67	21.78	0.1507
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.06	22.17	0.1648
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	24.55	22.66	0.1845
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.71	19.82	0.0959
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.82	19.93	0.0984
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	22.35	20.46	0.1112
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.56	22.67	0.1849
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.95	23.06	0.2023
78	30	100	650000	3750	CP-OFDM QPSK	1@271	25.43	23.54	0.2259
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	25.69	23.8	0.2399
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.81	23.92	0.2466
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.95	23.06	0.2023
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.47	23.58	0.2280
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.56	23.67	0.2328
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.6	22.71	0.1866
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	26.03	24.14	0.2594
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.11	24.22	0.2642
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.23	23.34	0.2158
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@1	25.64	23.75	0.2371
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.89	24	0.2512
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.85	22.96	0.1977
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.83	23.94	0.2477
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.91	24.02	0.2523
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25	23.11	0.2046
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	25.85	23.96	0.2489
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	26.05	24.16	0.2606
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	25.07	23.18	0.2080
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.65	23.76	0.2377
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.84	23.95	0.2483
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.84	22.95	0.1972
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.13	24.24	0.2655
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.21	24.32	0.2704
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.31	23.42	0.2198

78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	25.8	23.91	0.2460
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.96	24.07	0.2553
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.01	23.12	0.2051
78	30	25	647500	3712.5	DFT-s-OFDM PI/2 BPSK	1@1	25.64	23.75	0.2371
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.79	23.9	0.2455
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	24.91	23.02	0.2004
78	30	25	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.4	24.51	0.2825
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	26.52	24.63	0.2904
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.6	23.71	0.2350
78	30	25	652500	3787.5	DFT-s-OFDM PI/2 BPSK	1@1	25.81	23.92	0.2466
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	25.93	24.04	0.2535
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	25.11	23.22	0.2099
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.66	23.77	0.2382
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.8	23.91	0.2460
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.93	23.04	0.2014
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.46	24.57	0.2864
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.59	24.7	0.2951
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.63	23.74	0.2366
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	25.58	23.69	0.2339
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.7	23.81	0.2404
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.86	22.97	0.1982
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.64	23.75	0.2371
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.82	23.93	0.2472
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.84	22.95	0.1972
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.41	24.52	0.2831
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.48	24.59	0.2877
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.61	23.72	0.2355
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	24.67	22.78	0.1897
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	24.83	22.94	0.1968
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	23.86	21.97	0.1574
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.67	23.78	0.2388
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.78	23.89	0.2449
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.92	23.03	0.2009
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.37	24.48	0.2805
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.45	24.56	0.2858
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.58	23.69	0.2339
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	24.67	22.78	0.1897
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	24.87	22.98	0.1986
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	23.82	21.93	0.1560
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.87	23.98	0.2500
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	26	24.11	0.2576
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.15	23.26	0.2118
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.51	24.62	0.2897
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	26.63	24.74	0.2979
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.69	23.8	0.2399
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	26.08	24.19	0.2624
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	26.18	24.29	0.2685

78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	25.32	23.43	0.2203
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.99	24.1	0.2570
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	26.13	24.24	0.2655
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	25.24	23.35	0.2163
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.52	24.63	0.2904
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	26.76	24.87	0.3069
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.7	23.81	0.2404
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.59	23.7	0.2344
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.85	23.96	0.2489
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.8	22.91	0.1954
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.99	24.1	0.2570
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	26.09	24.2	0.2630
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.24	23.35	0.2163
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.49	24.6	0.2884
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	26.68	24.79	0.3013
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.64	23.75	0.2371
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	26.65	24.76	0.2992
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	26.85	24.96	0.3133
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	25.75	23.86	0.2432
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.17	23.28	0.2128
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.17	23.28	0.2128
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.01	22.12	0.1629
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.38	24.49	0.2812
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26.58	24.69	0.2944
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.52	23.63	0.2307
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	26.44	24.55	0.2851
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.61	24.72	0.2965
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	25.57	23.68	0.2333

# FR1 N77 SCS 15K MIMO\_ANT(4+6)

## Transmitter Conducted Output Power And EIRP,(G<sub>T</sub> - L<sub>C</sub>)=0.6dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
77	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.25	24.65	27.46	28.06	0.6405
77	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.1	24.71	27.43	28.03	0.6347
77	15	50	648334	3725.01	CP-OFDM QPSK	1@268	23.06	24.61	26.91	27.51	0.5642
77	15	50	648334	3725.01	CP-OFDM 16 QAM	135@67	23.75	24.16	26.97	27.57	0.5715
77	15	50	648334	3725.01	CP-OFDM 16 QAM	1@1	23.49	24.24	26.89	27.49	0.5612
77	15	50	648334	3725.01	CP-OFDM 16 QAM	1@268	22.58	24.04	26.38	26.98	0.4990
77	15	50	648334	3725.01	CP-OFDM 64 QAM	135@67	21.78	22.18	24.99	25.59	0.3627
77	15	50	648334	3725.01	CP-OFDM 64 QAM	1@1	21.58	22.19	24.91	25.51	0.3553
77	15	50	648334	3725.01	CP-OFDM 64 QAM	1@268	20.61	21.99	24.36	24.96	0.3137
77	15	50	648334	3725.01	CP-OFDM 256 QAM	135@67	19.71	18.2	22.03	22.63	0.1833
77	15	50	648334	3725.01	CP-OFDM 256 QAM	1@1	17.41	18.55	21.03	21.63	0.1455
77	15	50	648334	3725.01	CP-OFDM 256 QAM	1@268	16.51	18.43	20.59	21.19	0.1314
77	15	50	656000	3840	CP-OFDM QPSK	135@67	24.55	25.02	27.80	28.40	0.6921
77	15	50	656000	3840	CP-OFDM QPSK	1@1	24.37	24.92	27.66	28.26	0.6705
77	15	50	656000	3840	CP-OFDM QPSK	1@268	24	24.92	27.49	28.09	0.6449
77	15	50	656000	3840	CP-OFDM 16 QAM	135@67	23.6	24.46	27.06	27.66	0.5837
77	15	50	656000	3840	CP-OFDM 16 QAM	1@1	23.75	24.38	27.09	27.69	0.5870
77	15	50	656000	3840	CP-OFDM 16 QAM	1@268	23.51	24.18	26.87	27.47	0.5582
77	15	50	656000	3840	CP-OFDM 64 QAM	135@67	21.58	22.42	25.03	25.63	0.3656
77	15	50	656000	3840	CP-OFDM 64 QAM	1@1	21.76	22.25	25.02	25.62	0.3649
77	15	50	656000	3840	CP-OFDM 64 QAM	1@268	21.55	22.18	24.89	25.49	0.3537
77	15	50	656000	3840	CP-OFDM 256 QAM	135@67	17.89	18.48	21.21	21.81	0.1515
77	15	50	656000	3840	CP-OFDM 256 QAM	1@1	17.97	18.81	21.42	22.02	0.1592
77	15	50	656000	3840	CP-OFDM 256 QAM	1@268	17.92	18.64	21.31	21.91	0.1551
77	15	50	663666	3954.99	CP-OFDM QPSK	135@67	23.94	24.62	27.30	27.90	0.6171
77	15	50	663666	3954.99	CP-OFDM QPSK	1@1	23.66	24.56	27.14	27.74	0.5948
77	15	50	663666	3954.99	CP-OFDM QPSK	1@268	24.12	24.52	27.33	27.93	0.6216
77	15	50	663666	3954.99	CP-OFDM 16 QAM	135@67	23.46	24.08	26.79	27.39	0.5484
77	15	50	663666	3954.99	CP-OFDM 16 QAM	1@1	23.18	24.14	26.70	27.30	0.5366
77	15	50	663666	3954.99	CP-OFDM 16 QAM	1@268	23.45	24.04	26.77	27.37	0.5452
77	15	50	663666	3954.99	CP-OFDM 64 QAM	135@67	21.43	22.13	24.80	25.40	0.3471
77	15	50	663666	3954.99	CP-OFDM 64 QAM	1@1	21.49	22.19	24.86	25.46	0.3519
77	15	50	663666	3954.99	CP-OFDM 64 QAM	1@268	21.79	22.2	25.01	25.61	0.3639
77	15	50	663666	3954.99	CP-OFDM 256 QAM	135@67	21.48	22.13	24.83	25.43	0.3489
77	15	50	663666	3954.99	CP-OFDM 256 QAM	1@1	17.68	18.31	21.02	21.62	0.1451
77	15	50	663666	3954.99	CP-OFDM 256 QAM	1@268	18.02	18.29	21.17	21.77	0.1502
77	15	10	647000	3705	CP-OFDM QPSK	1@1	24.66	23.56	27.16	27.76	0.5964
77	15	10	647000	3705	CP-OFDM 16 QAM	1@1	23.53	23.85	26.70	27.30	0.5374
77	15	10	647000	3705	CP-OFDM 64 QAM	1@1	22.08	21.95	25.03	25.63	0.3652
77	15	10	656000	3840	CP-OFDM QPSK	1@1	24.51	24.75	27.64	28.24	0.6671
77	15	10	656000	3840	CP-OFDM 16 QAM	1@1	23.66	23.71	26.70	27.30	0.5365
77	15	10	656000	3840	CP-OFDM 64 QAM	1@1	22.05	21.78	24.93	25.53	0.3571
77	15	10	665000	3975	CP-OFDM QPSK	1@1	24.39	24.54	27.48	28.08	0.6421
77	15	10	665000	3975	CP-OFDM 16 QAM	1@1	23.44	23.44	26.45	27.05	0.5070
77	15	10	665000	3975	CP-OFDM 64 QAM	1@1	22.05	21.42	24.76	25.36	0.3433

77	15	15	647167	3707.505	CP-OFDM QPSK	1@1	24.59	24.69	27.65	28.25	0.6684
77	15	15	647167	3707.505	CP-OFDM 16 QAM	1@1	23.48	23.86	26.68	27.28	0.5351
77	15	15	647167	3707.505	CP-OFDM 64 QAM	1@1	22.04	22.19	25.13	25.73	0.3738
77	15	15	656000	3840	CP-OFDM QPSK	1@1	24.6	24.6	27.61	28.21	0.6623
77	15	15	656000	3840	CP-OFDM 16 QAM	1@1	23.51	23.7	26.62	27.22	0.5268
77	15	15	656000	3840	CP-OFDM 64 QAM	1@1	22.11	22.14	25.14	25.74	0.3746
77	15	15	664833	3972.495	CP-OFDM QPSK	1@1	24.36	24.12	27.25	27.85	0.6098
77	15	15	664833	3972.495	CP-OFDM 16 QAM	1@1	23.24	23.23	26.25	26.85	0.4836
77	15	15	664833	3972.495	CP-OFDM 64 QAM	1@1	21.96	21.73	24.86	25.46	0.3513
77	15	20	647334	3710.01	CP-OFDM QPSK	1@1	24.52	25.01	27.78	28.38	0.6890
77	15	20	647334	3710.01	CP-OFDM 16 QAM	1@1	23.44	23.75	26.61	27.21	0.5258
77	15	20	647334	3710.01	CP-OFDM 64 QAM	1@1	22.06	22.12	25.10	25.70	0.3716
77	15	20	656000	3840	CP-OFDM QPSK	1@1	24.71	24.87	27.80	28.40	0.6920
77	15	20	656000	3840	CP-OFDM 16 QAM	1@1	23.55	23.72	26.65	27.25	0.5304
77	15	20	656000	3840	CP-OFDM 64 QAM	1@1	22.09	22.17	25.14	25.74	0.3750
77	15	20	664666	3969.99	CP-OFDM QPSK	1@1	24.43	24.44	27.45	28.05	0.6376
77	15	20	664666	3969.99	CP-OFDM 16 QAM	1@1	23.33	23.3	26.33	26.93	0.4926
77	15	20	664666	3969.99	CP-OFDM 64 QAM	1@1	22.13	21.45	24.81	25.41	0.3478
77	15	25	647500	3712.5	CP-OFDM QPSK	1@1	24.47	24.78	27.64	28.24	0.6665
77	15	25	647500	3712.5	CP-OFDM 16 QAM	1@1	23.65	23.63	26.65	27.25	0.5309
77	15	25	647500	3712.5	CP-OFDM 64 QAM	1@1	22.01	21.78	24.91	25.51	0.3554
77	15	25	656000	3840	CP-OFDM QPSK	1@1	24.55	24.66	27.62	28.22	0.6631
77	15	25	656000	3840	CP-OFDM 16 QAM	1@1	23.66	23.62	26.65	27.25	0.5309
77	15	25	656000	3840	CP-OFDM 64 QAM	1@1	22.1	21.8	24.96	25.56	0.3600
77	15	25	664500	3967.5	CP-OFDM QPSK	1@1	24.33	24.14	27.25	27.85	0.6090
77	15	25	664500	3967.5	CP-OFDM 16 QAM	1@1	23.41	23.21	26.32	26.92	0.4922
77	15	25	664500	3967.5	CP-OFDM 64 QAM	1@1	22.01	21.79	24.91	25.51	0.3558
77	15	30	647667	3715.005	CP-OFDM QPSK	1@1	24.59	24.73	27.67	28.27	0.6716
77	15	30	647667	3715.005	CP-OFDM 16 QAM	1@1	23.56	23.82	26.70	27.30	0.5373
77	15	30	647667	3715.005	CP-OFDM 64 QAM	1@1	22.18	22.33	25.27	25.87	0.3860
77	15	30	656000	3840	CP-OFDM QPSK	1@1	24.76	24.62	27.70	28.30	0.6762
77	15	30	656000	3840	CP-OFDM 16 QAM	1@1	23.66	23.8	26.74	27.34	0.5421
77	15	30	656000	3840	CP-OFDM 64 QAM	1@1	22.18	22.24	25.22	25.82	0.3820
77	15	30	664332	3964.98	CP-OFDM QPSK	1@1	24.3	24.24	27.28	27.88	0.6138
77	15	30	664332	3964.98	CP-OFDM 16 QAM	1@1	23.29	23.25	26.28	26.88	0.4876
77	15	30	664332	3964.98	CP-OFDM 64 QAM	1@1	21.88	21.82	24.86	25.46	0.3516
77	15	40	648000	3720	CP-OFDM QPSK	1@1	24.63	24.53	27.59	28.19	0.6593
77	15	40	648000	3720	CP-OFDM 16 QAM	1@1	23.52	23.76	26.65	27.25	0.5311
77	15	40	648000	3720	CP-OFDM 64 QAM	1@1	22.1	22.07	25.10	25.70	0.3711
77	15	40	656000	3840	CP-OFDM QPSK	1@1	24.84	24.65	27.76	28.36	0.6849
77	15	40	656000	3840	CP-OFDM 16 QAM	1@1	23.69	23.78	26.75	27.35	0.5427
77	15	40	656000	3840	CP-OFDM 64 QAM	1@1	22.29	22.19	25.25	25.85	0.3846
77	15	40	664000	3960	CP-OFDM QPSK	1@1	24.28	24.23	27.27	27.87	0.6117
77	15	40	664000	3960	CP-OFDM 16 QAM	1@1	23.2	23.31	26.27	26.87	0.4859
77	15	40	664000	3960	CP-OFDM 64 QAM	1@1	21.82	21.8	24.82	25.42	0.3484

# FR1 N77 SCS 15K MIMO\_ANT4

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00463	PASS	NV
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00165	PASS	LV
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00352	PASS	HV
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	-0.00468	PASS	-30°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00266	PASS	-20°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00132	PASS	-10°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00356	PASS	0°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00418	PASS	10°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00396	PASS	20°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	-0.00285	PASS	30°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00241	PASS	40°C
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	0.00167	PASS	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	3.93	13	PASS
77	15	20	656000	3840.0	CP-OFDM QPSK	1@0	3.95	13	PASS
77	15	20	656000	3840.0	CP-OFDM 16 QAM	106@0	4.98	13	PASS
77	15	20	656000	3840.0	CP-OFDM 16 QAM	1@0	4.97	13	PASS