



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



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



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



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





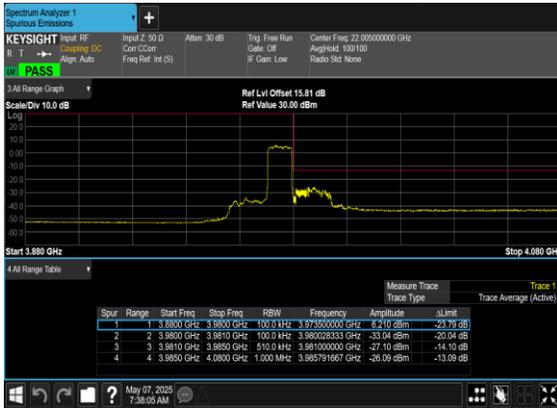
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



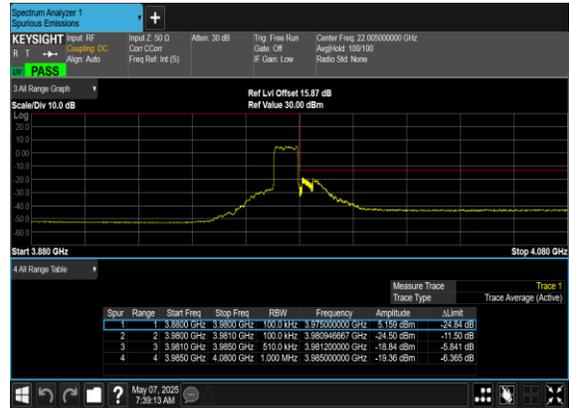
N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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

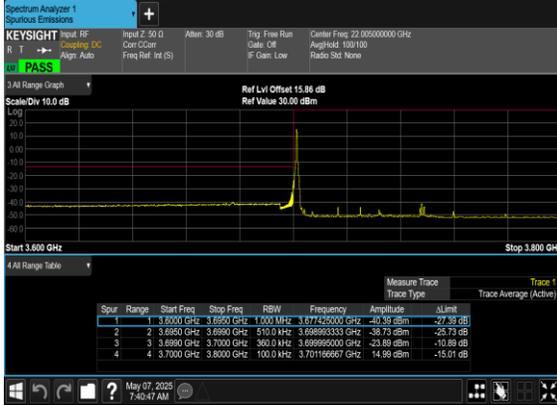


N77(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

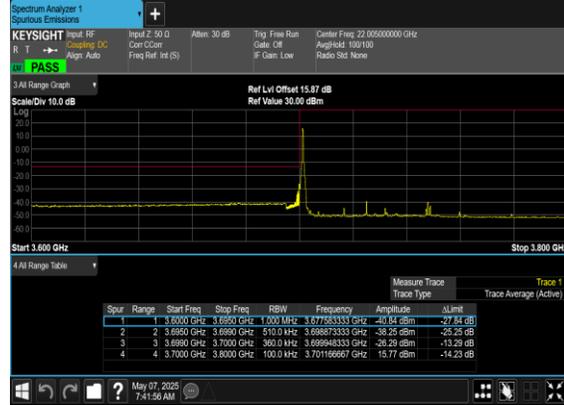




N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



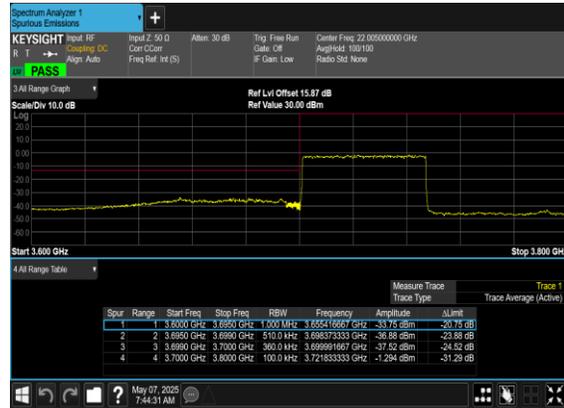
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

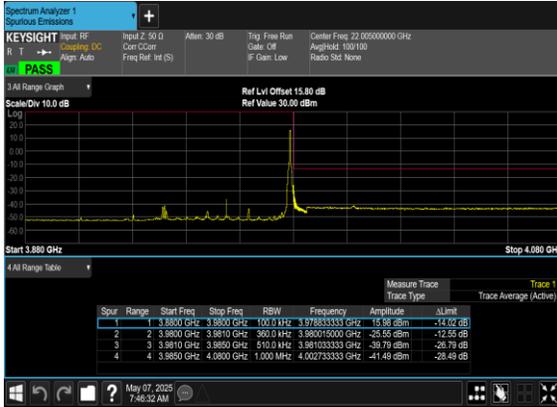


N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH





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



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



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



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





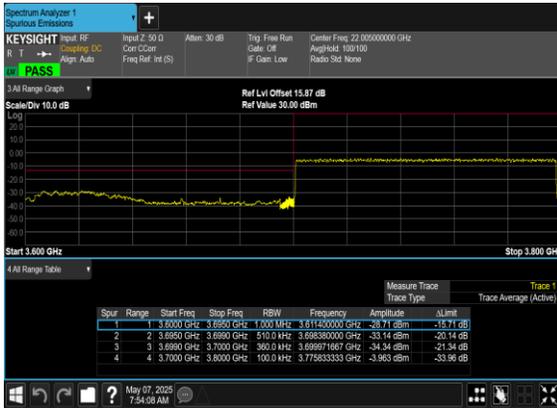
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



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



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

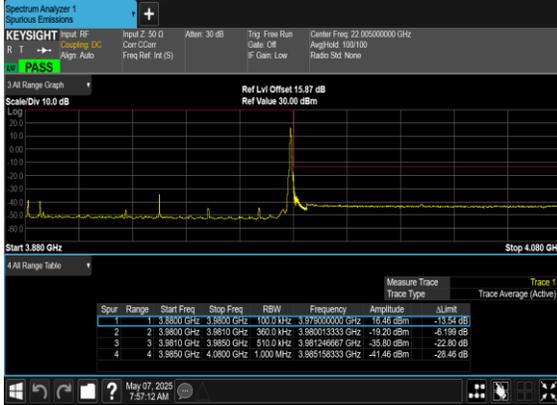


N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH





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



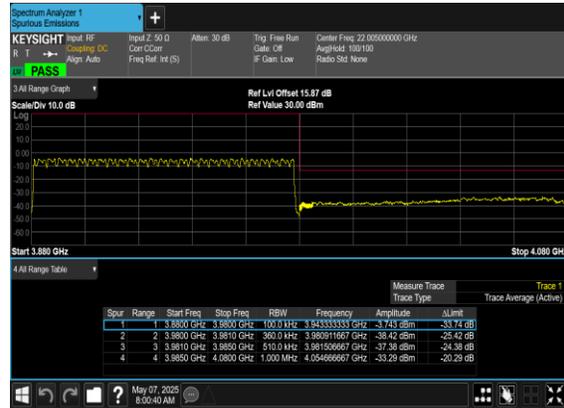
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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



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





Software Version: 23.06.1602

# FR1 N78 (ANT6)

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>c</sub>)=-1.9dBi

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	27.07	25.17	0.3289
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	27.1	25.2	0.3311
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	26.9	25	0.3162
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	26	24.1	0.2570
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	26.1	24.2	0.2630
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	26.01	24.11	0.2576
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	26.8	24.9	0.3090
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	26.63	24.73	0.2972
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	26.49	24.59	0.2877
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	25.71	23.81	0.2404
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.73	23.83	0.2415
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	25.68	23.78	0.2388
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	26.93	25.03	0.3184
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.65	24.75	0.2985
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	26.73	24.83	0.3041
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	25.95	24.05	0.2541
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.84	23.94	0.2477
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	25.94	24.04	0.2535
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	18@9	27.01	25.11	0.3243
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	26.96	25.06	0.3206
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@36	26.8	24.9	0.3090
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	18@9	26.06	24.16	0.2606
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	26.11	24.21	0.2636
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@36	25.95	24.05	0.2541
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	26.75	24.85	0.3055
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	26.64	24.74	0.2979
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	26.46	24.56	0.2858
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	25.79	23.89	0.2449
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.84	23.94	0.2477
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	25.58	23.68	0.2333
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	26.8	24.9	0.3090
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	26.46	24.56	0.2858



78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	26.75	24.85	0.3055
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	25.85	23.95	0.2483
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	25.61	23.71	0.2350
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	25.81	23.91	0.2460
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	27.02	25.12	0.3251
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.89	24.99	0.3155
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	26.77	24.87	0.3069
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	26.06	24.16	0.2606
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	26	24.1	0.2570
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	25.78	23.88	0.2443
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	26.76	24.86	0.3062
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.66	24.76	0.2992
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	26.44	24.54	0.2844
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	25.83	23.93	0.2472
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.82	23.92	0.2466
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	25.55	23.65	0.2317
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	26.85	24.95	0.3126
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.55	24.65	0.2917
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	26.76	24.86	0.3062
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	25.88	23.98	0.2500
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.55	23.65	0.2317
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	25.87	23.97	0.2495
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	32@16	26.96	25.06	0.3206
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.94	25.04	0.3192
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@63	26.65	24.75	0.2985
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	32@16	26	24.1	0.2570
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	26.05	24.15	0.2600
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@63	25.8	23.9	0.2455
78	30	25	650000	3750	DFT-s-OFDM QPSK	32@16	26.76	24.86	0.3062
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	26.82	24.92	0.3105
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@63	26.52	24.62	0.2897
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	32@16	25.8	23.9	0.2455
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.82	23.92	0.2466
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@63	25.47	23.57	0.2275
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	32@16	26.79	24.89	0.3083
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	26.41	24.51	0.2825
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@63	26.81	24.91	0.3097
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	32@16	25.86	23.96	0.2489
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	25.49	23.59	0.2286



78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@63	25.91	24.01	0.2518
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	26.9	25	0.3162
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	27.14	25.24	0.3342
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	26.78	24.88	0.3076
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	25.92	24.02	0.2523
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	26.14	24.24	0.2655
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	25.9	24	0.2512
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	26.69	24.79	0.3013
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.87	24.97	0.3141
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	26.45	24.55	0.2851
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	25.73	23.83	0.2415
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.87	23.97	0.2495
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	25.6	23.7	0.2344
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	26.61	24.71	0.2958
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	26.48	24.58	0.2871
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	26.82	24.92	0.3105
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	25.64	23.74	0.2366
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	25.47	23.57	0.2275
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	25.88	23.98	0.2500
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	26.89	24.99	0.3155
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	27.02	25.12	0.3251
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	26.76	24.86	0.3062
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	25.95	24.05	0.2541
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	26.13	24.23	0.2649
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	25.85	23.95	0.2483
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	26.72	24.82	0.3034
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.78	24.88	0.3076
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	26.44	24.54	0.2844
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	25.72	23.82	0.2410
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.91	24.01	0.2518
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	25.55	23.65	0.2317
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	26.55	24.65	0.2917
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.51	24.61	0.2891
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	26.85	24.95	0.3126
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	25.62	23.72	0.2355
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.49	23.59	0.2286
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	25.92	24.02	0.2523
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	26.96	25.06	0.3206
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	27.09	25.19	0.3304



78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	26.64	24.74	0.2979
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	25.92	24.02	0.2523
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	26.04	24.14	0.2594
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	25.64	23.74	0.2366
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	26.76	24.86	0.3062
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.8	24.9	0.3090
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	26.49	24.59	0.2877
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	25.75	23.85	0.2427
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.86	23.96	0.2489
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	25.54	23.64	0.2312
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	26.55	24.65	0.2917
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	26.6	24.7	0.2951
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	26.81	24.91	0.3097
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	25.55	23.65	0.2317
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.64	23.74	0.2366
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	25.86	23.96	0.2489
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	26.86	24.96	0.3133
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	27.1	25.2	0.3311
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	26.52	24.62	0.2897
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	25.94	24.04	0.2535
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	26.1	24.2	0.2630
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	25.5	23.6	0.2291
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	26.75	24.85	0.3055
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	26.89	24.99	0.3155
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	26.59	24.69	0.2944
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	25.79	23.89	0.2449
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.91	24.01	0.2518
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	25.63	23.73	0.2360
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	26.6	24.7	0.2951
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	26.7	24.8	0.3020
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	26.9	25	0.3162
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	25.62	23.72	0.2355
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	25.82	23.92	0.2466
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	25.94	24.04	0.2535
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	26.98	25.08	0.3221
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	27.1	25.2	0.3311
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	26.44	24.54	0.2844
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	25.97	24.07	0.2553
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	26.25	24.35	0.2723



78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	25.5	23.6	0.2291
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	26.85	24.95	0.3126
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	26.97	25.07	0.3214
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	26.54	24.64	0.2911
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	25.86	23.96	0.2489
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.98	24.08	0.2559
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	25.63	23.73	0.2360
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	26.76	24.86	0.3062
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	26.86	24.96	0.3133
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	26.88	24.98	0.3148
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	25.72	23.82	0.2410
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	26	24.1	0.2570
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	25.96	24.06	0.2547
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	26.91	25.01	0.3170
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	27.22	25.32	0.3404
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	26.5	24.6	0.2884
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	25.97	24.07	0.2553
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	26.22	24.32	0.2704
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	25.65	23.75	0.2371
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	26.81	24.91	0.3097
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	26.99	25.09	0.3228
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	26.79	24.89	0.3083
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	25.89	23.99	0.2506
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.13	24.23	0.2649
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	25.77	23.87	0.2438
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	26.68	24.78	0.3006
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	26.85	24.95	0.3126
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	26.83	24.93	0.3112
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	25.81	23.91	0.2460
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	25.97	24.07	0.2553
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	25.97	24.07	0.2553
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	26.92	25.02	0.3177
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	27.13	25.23	0.3334
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	26.75	24.85	0.3055
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	25.96	24.06	0.2547
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	26.29	24.39	0.2748
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	25.81	23.91	0.2460
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	26.82	24.92	0.3105
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	27.02	25.12	0.3251



78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	26.79	24.89	0.3083
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	25.86	23.96	0.2489
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.18	24.28	0.2679
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	25.85	23.95	0.2483
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	26.77	24.87	0.3069
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.92	25.02	0.3177
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	26.83	24.93	0.3112
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	25.78	23.88	0.2443
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	26.04	24.14	0.2594
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	25.91	24.01	0.2518
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	27.05	25.15	0.3273
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.92	25.02	0.3177
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	27.13	25.23	0.3334
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	27.11	25.21	0.3319
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	27.04	25.14	0.3266
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	27.23	25.33	0.3412
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	26.13	24.23	0.2649
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.91	24.01	0.2518
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	26.08	24.18	0.2618
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	24.66	22.76	0.1888
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.6	22.7	0.1862
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	24.79	22.89	0.1945
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	22.69	20.79	0.1199
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.34	20.44	0.1107
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	22.47	20.57	0.1140
78	30	100	650000	3750	CP-OFDM QPSK	137@68	25.57	23.67	0.2328
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.41	23.51	0.2244
78	30	100	650000	3750	CP-OFDM QPSK	1@271	25.44	23.54	0.2259



### Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	6.1	PASS	NV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	4.2	PASS	LV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	7.5	PASS	HV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	14	PASS	-30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	7.8	PASS	-20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	4.9	PASS	-10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	2.5	PASS	0°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	9.4	PASS	10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	6.1	PASS	20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	9.1	PASS	30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	13	PASS	40°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	8.4	PASS	50°C

|MAX(Δf)| = 14 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL -  MAX(Δ f)	3700.879785	≥ 3700 MHz	PASS
fH +  MAX(Δ f)	3798.735915	≤ 3800 MHz	



### Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	50@0	3.93	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	4.86	13	PASS

N78(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



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





### Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	10	650000	3750.0	CP-OFDM QPSK	24@0	8.5753	9.135
78	30	10	650000	3750.0	CP-OFDM 16 QAM	24@0	8.5945	9.123
78	30	10	650000	3750.0	CP-OFDM 64 QAM	24@0	8.5929	9.124
78	30	10	650000	3750.0	CP-OFDM 256 QAM	24@0	8.56	9.276
78	30	15	650000	3750.0	CP-OFDM QPSK	38@0	13.525	14.24
78	30	15	650000	3750.0	CP-OFDM 16 QAM	38@0	13.576	14.33
78	30	15	650000	3750.0	CP-OFDM 64 QAM	38@0	13.683	14.43
78	30	15	650000	3750.0	CP-OFDM 256 QAM	38@0	13.541	14.37
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	18.166	18.97
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	18.238	18.8
78	30	20	650000	3750.0	CP-OFDM 64 QAM	51@0	18.295	18.9
78	30	20	650000	3750.0	CP-OFDM 256 QAM	51@0	18.182	18.81
78	30	25	650000	3750.0	CP-OFDM QPSK	65@0	23.152	24.1
78	30	25	650000	3750.0	CP-OFDM 16 QAM	65@0	23.138	24.21
78	30	25	650000	3750.0	CP-OFDM 64 QAM	65@0	23.214	24.13
78	30	25	650000	3750.0	CP-OFDM 256 QAM	65@0	23.168	24.2
78	30	30	650000	3750.0	CP-OFDM QPSK	78@0	27.761	28.85
78	30	30	650000	3750.0	CP-OFDM 16 QAM	78@0	27.763	28.8
78	30	30	650000	3750.0	CP-OFDM 64 QAM	78@0	27.762	28.98
78	30	30	650000	3750.0	CP-OFDM 256 QAM	78@0	27.858	28.84
78	30	40	650000	3750.0	CP-OFDM QPSK	106@0	37.785	39.24
78	30	40	650000	3750.0	CP-OFDM 16 QAM	106@0	37.814	39.21



78	30	40	650000	3750.0	CP-OFDM 64 QAM	106@0	37.899	39.41
78	30	40	650000	3750.0	CP-OFDM 256 QAM	106@0	37.864	39.18
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.342	49.06
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.502	49.18
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.452	49.03
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.424	49.1
78	30	60	650000	3750.0	CP-OFDM QPSK	162@0	57.819	59.83
78	30	60	650000	3750.0	CP-OFDM 16 QAM	162@0	57.758	59.67
78	30	60	650000	3750.0	CP-OFDM 64 QAM	162@0	57.789	59.73
78	30	60	650000	3750.0	CP-OFDM 256 QAM	162@0	57.881	59.64
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.527	69.75
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.315	69.73
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.546	69.76
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.471	69.71
78	30	80	650000	3750.0	CP-OFDM QPSK	217@0	77.483	79.87
78	30	80	650000	3750.0	CP-OFDM 16 QAM	217@0	77.341	79.89
78	30	80	650000	3750.0	CP-OFDM 64 QAM	217@0	77.521	79.93
78	30	80	650000	3750.0	CP-OFDM 256 QAM	217@0	77.527	80.12
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.523	90.33
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.454	90.2
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.647	90.39
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.534	90.26
78	30	100	650000	3750.0	CP-OFDM QPSK	273@0	97.351	100.4
78	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	97.499	100.6



78	30	100	650000	3750.0	CP-OFDM 64 QAM	273@0	97.518	100.7
78	30	100	650000	3750.0	CP-OFDM 256 QAM	273@0	97.314	100.5

N78(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



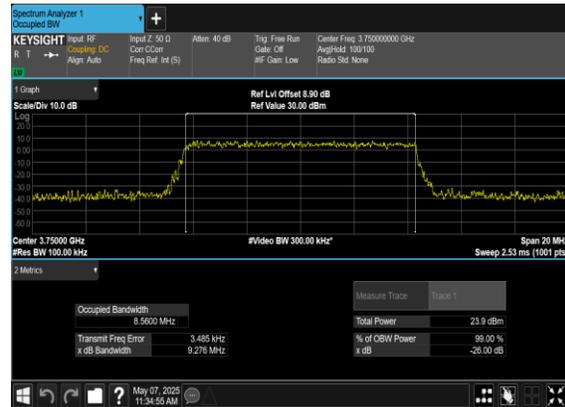
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N78(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



N78(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

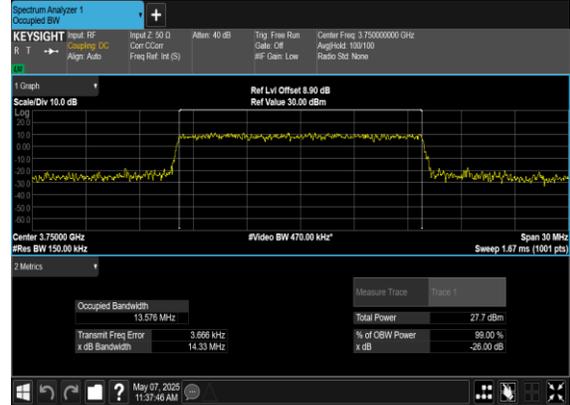




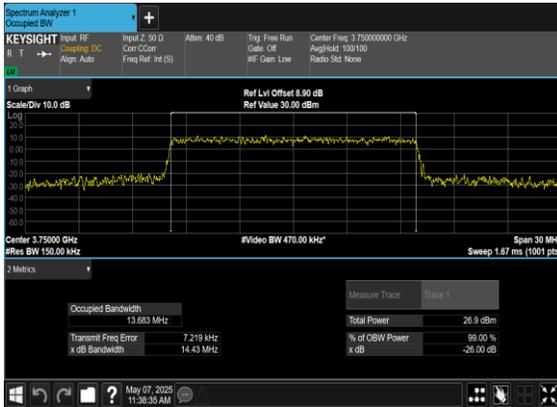
N78(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N78(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N78(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

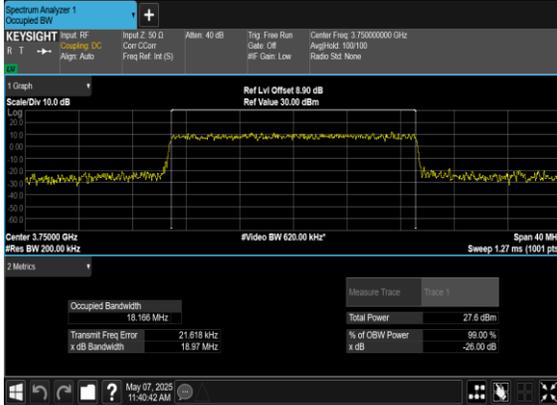


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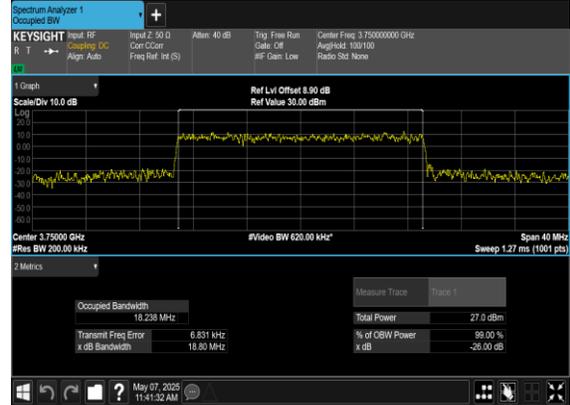




N78(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



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



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

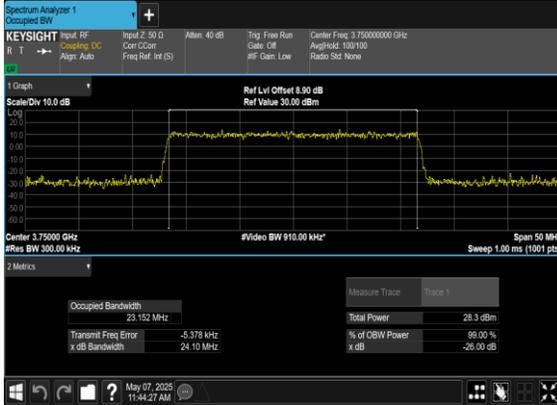


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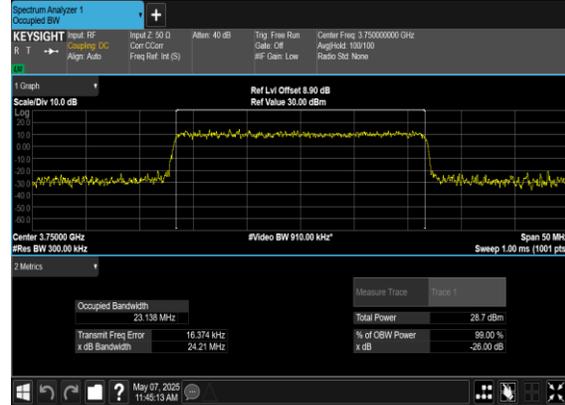




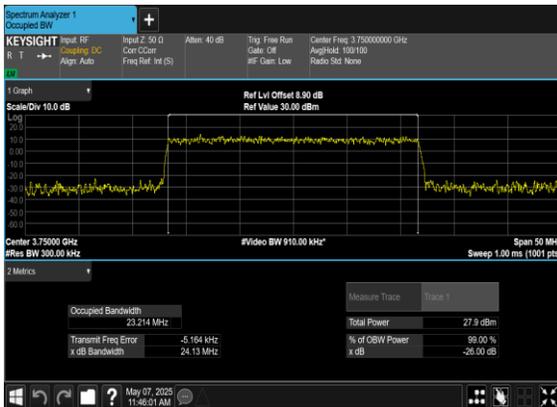
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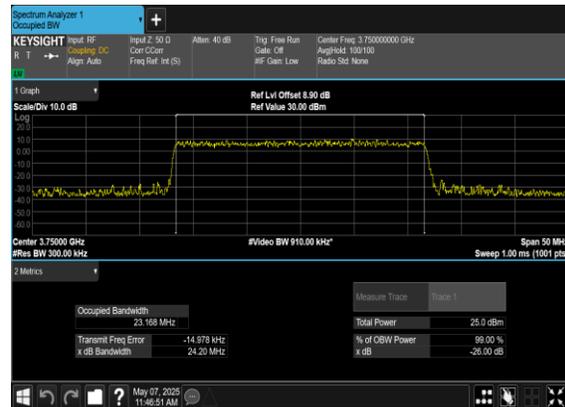
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N78(25M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

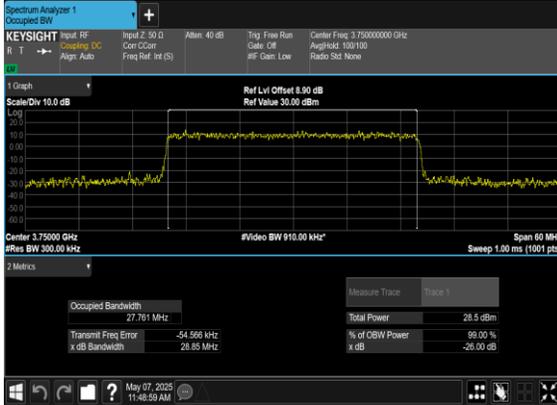


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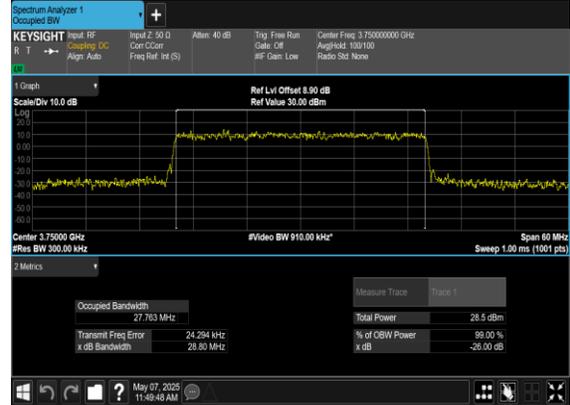




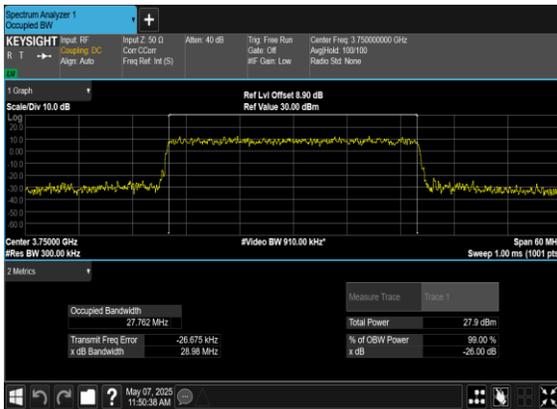
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N78(30M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

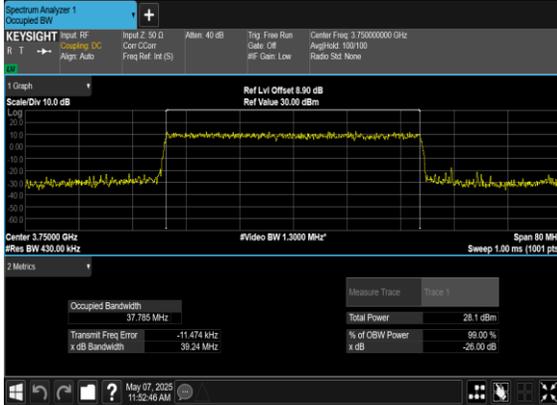


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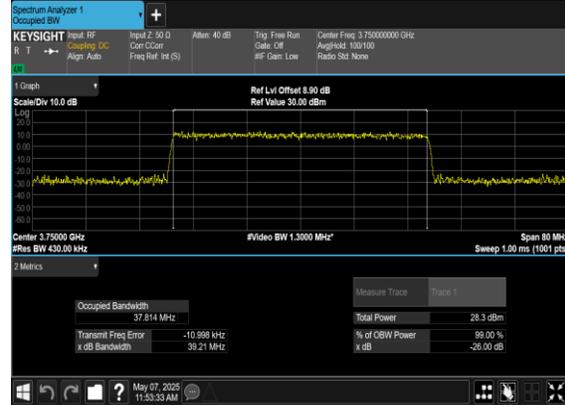




N78(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



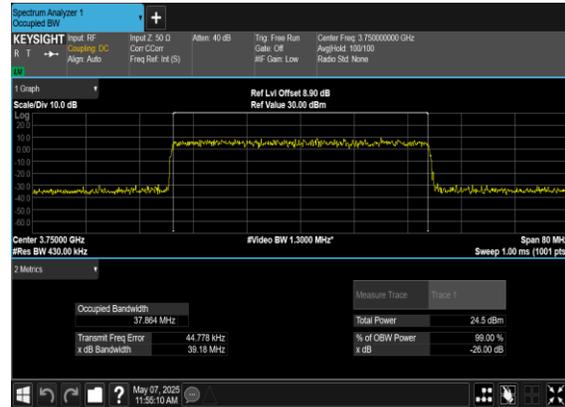
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N78(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N78(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

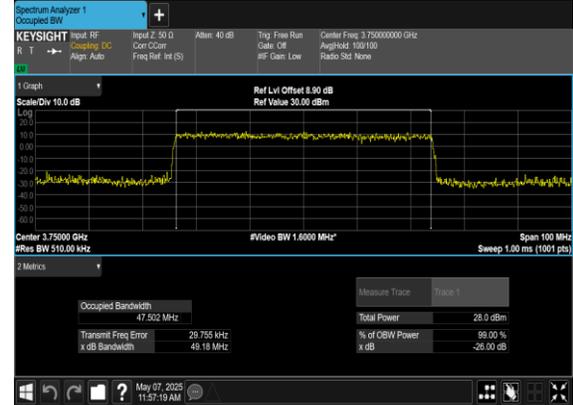




N78(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



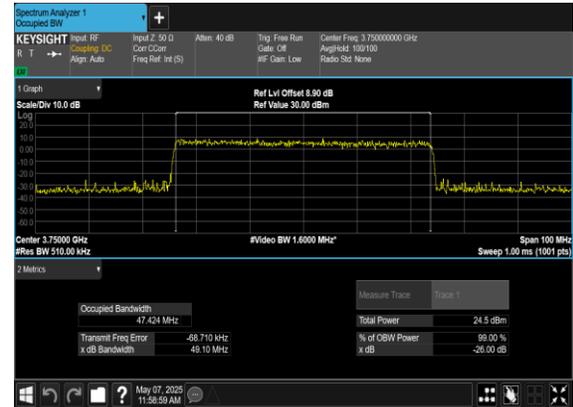
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N78(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

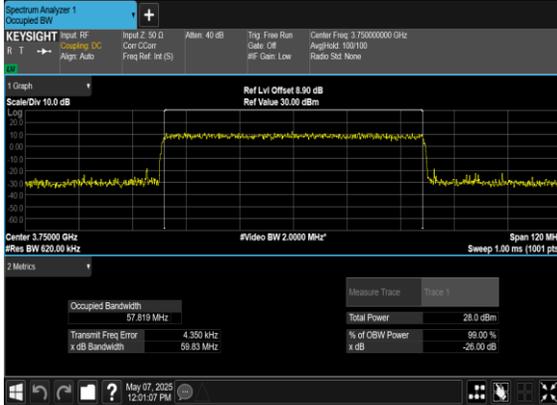


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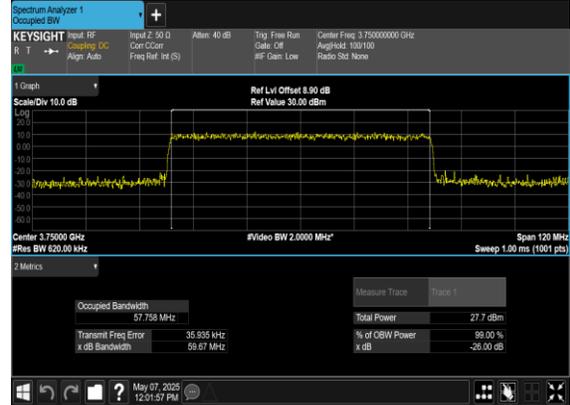




N78(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



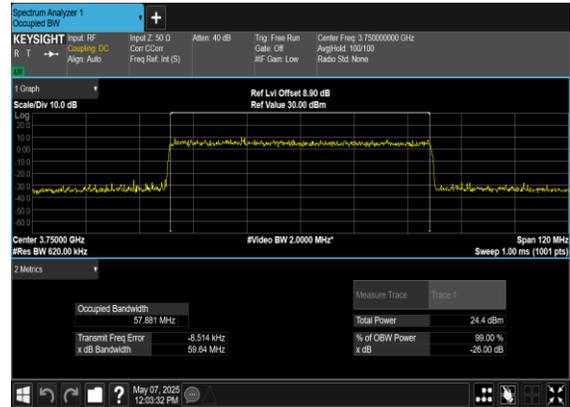
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N78(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

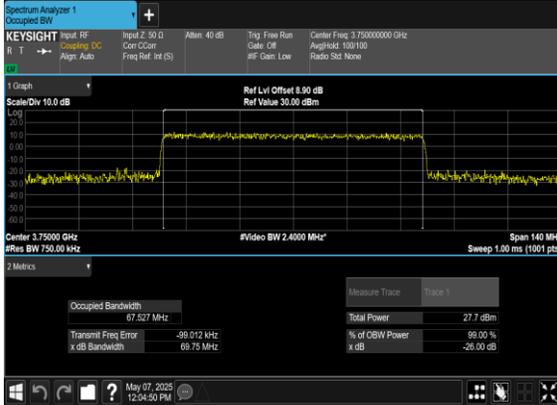


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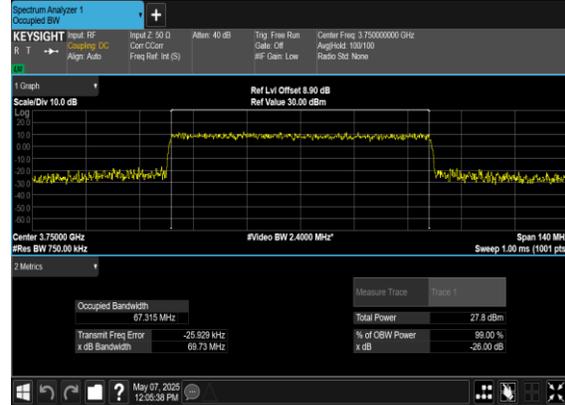




N78(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



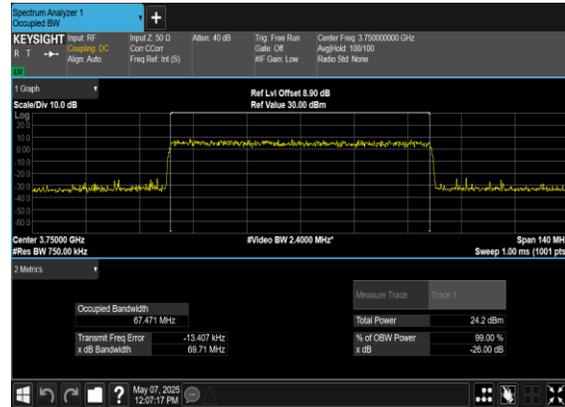
N78(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



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

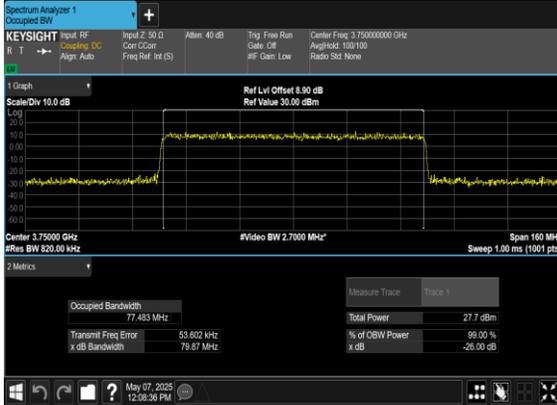


N78(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





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



N78(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N78(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

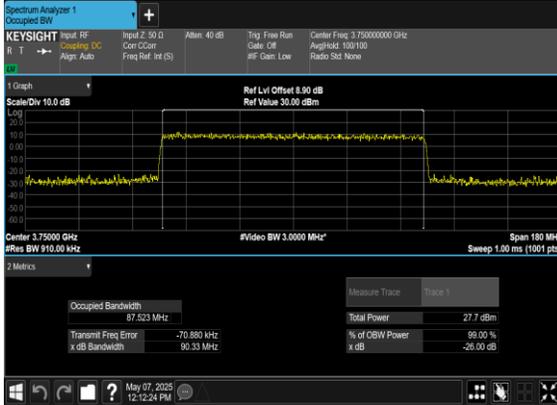


N78(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

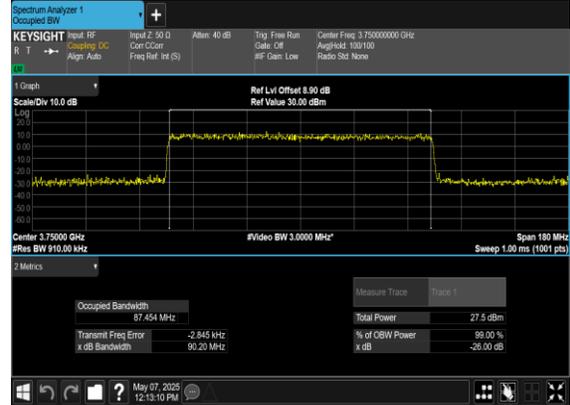




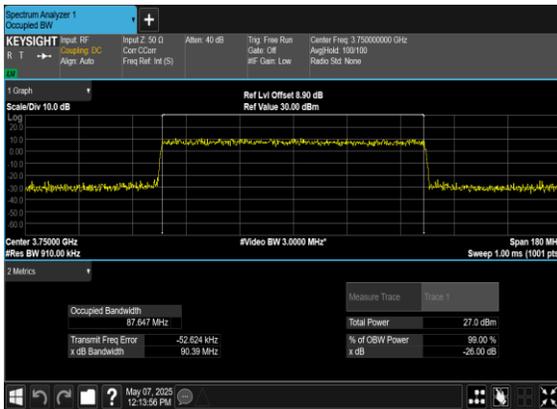
N78(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



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



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

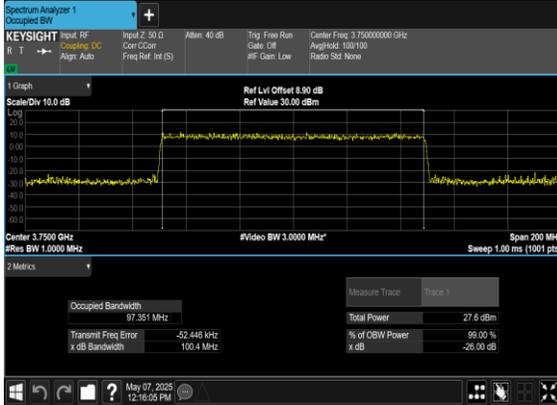


N78(90M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

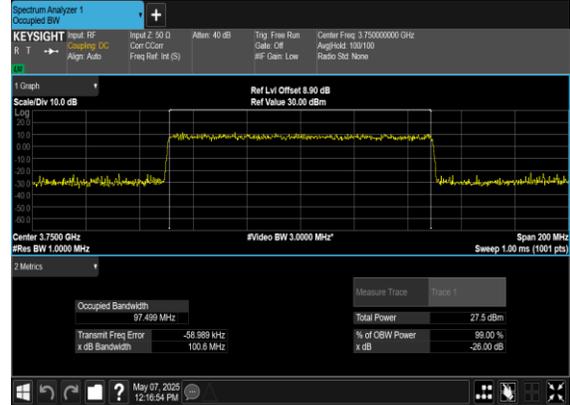




N78(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N78(100M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N78(100M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N78(100M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





### Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---



78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	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	---

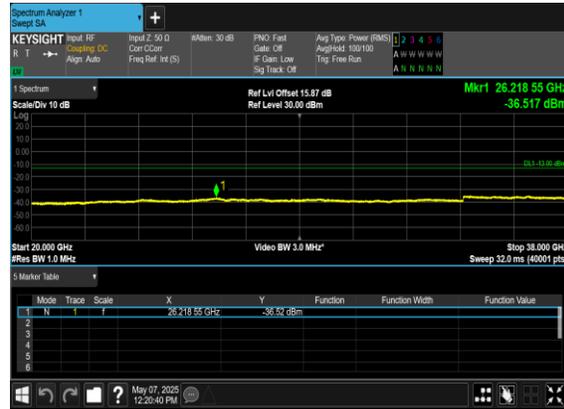


78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



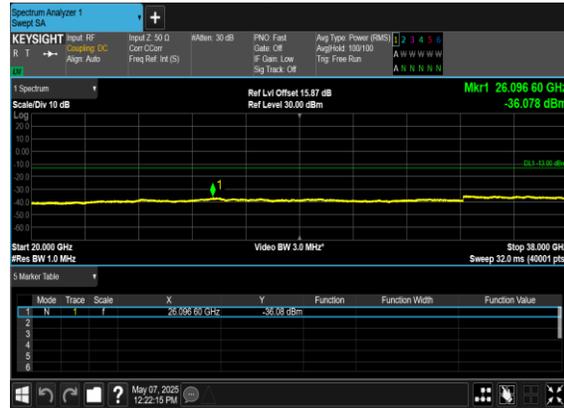
N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

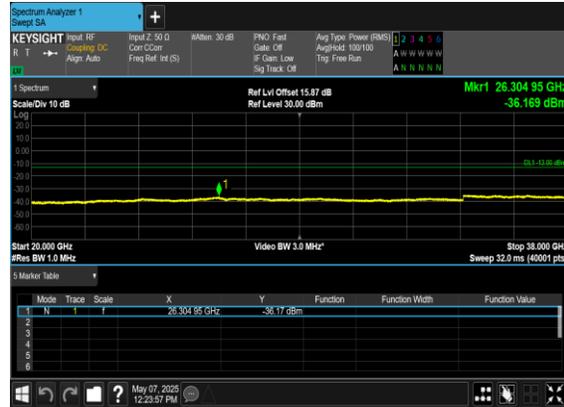




N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

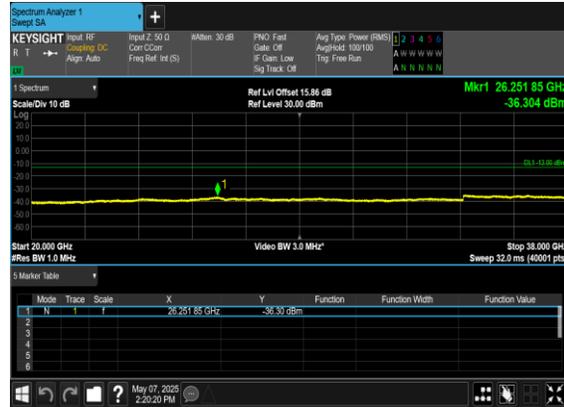




N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH





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



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



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



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

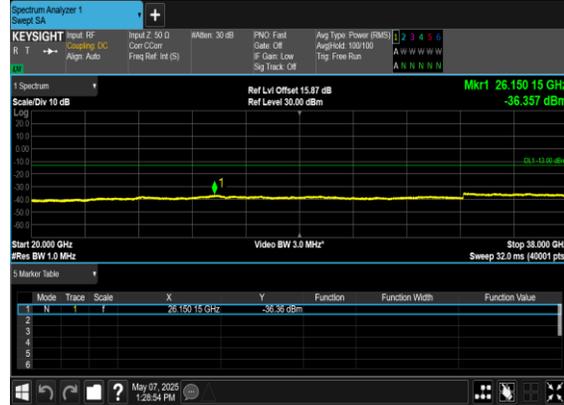




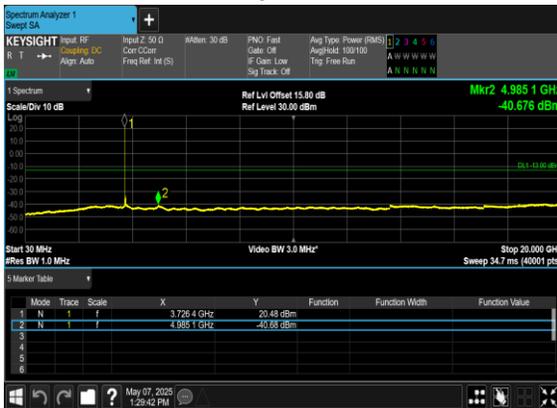
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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



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





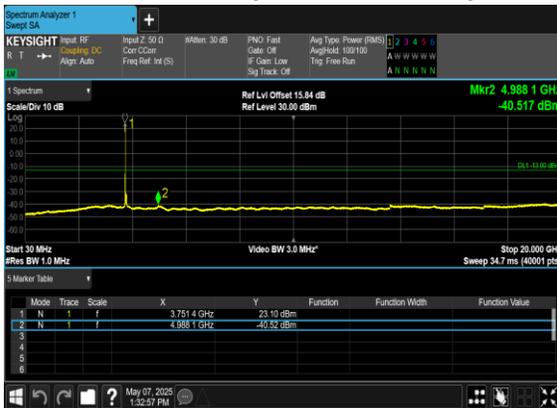
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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



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



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

