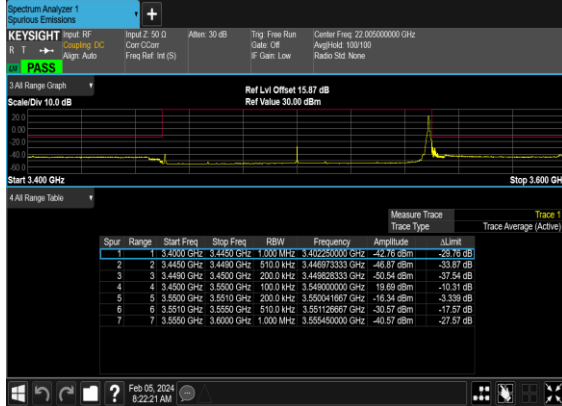


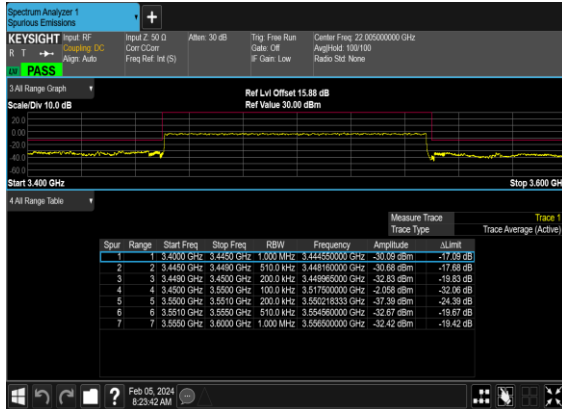
B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



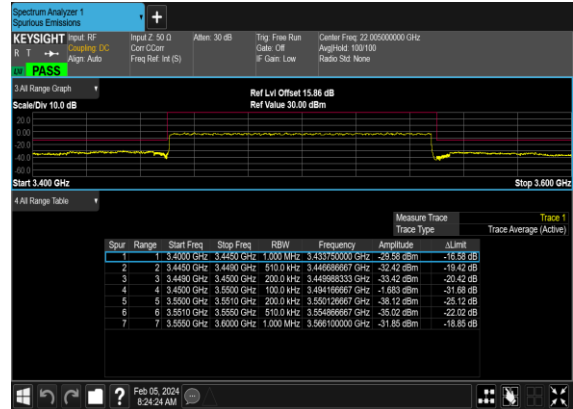
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



B2_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



B2_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



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Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-3dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.79	22.79	0.1901
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.83	21.83	0.1524
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.89	21.89	0.1545
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.87	20.87	0.1222
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	24.13	21.13	0.1297
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	23.13	20.13	0.1030
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.78	22.78	0.1897
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.92	21.92	0.1556
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.92	21.92	0.1556
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.89	20.89	0.1227
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	24.31	21.31	0.1352
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	23.27	20.27	0.1064
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.55	22.55	0.1799
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.7	21.7	0.1479
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.44	20.44	0.1107
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.55	20.55	0.1135
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	23.82	20.82	0.1208
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	22.88	19.88	0.0973
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.43	22.43	0.1750
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.44	21.44	0.1393
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.84	21.84	0.1528
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.81	20.81	0.1205
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	24.23	21.23	0.1327
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	23.3	20.3	0.1072
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.37	22.37	0.1726
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.44	21.44	0.1393
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.71	21.71	0.1483
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.7	20.7	0.1175
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	24.2	21.2	0.1318
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	23.16	20.16	0.1038
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.35	22.35	0.1718
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.38	21.38	0.1374
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.7	21.7	0.1479
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.75	20.75	0.1189
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	24.44	21.44	0.1393
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	23.56	20.56	0.1138
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.18	22.18	0.1652

78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.24	21.24	0.1330
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.54	21.54	0.1426
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.55	20.55	0.1135
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	24.56	21.56	0.1432
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	23.56	20.56	0.1138
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.31	22.31	0.1702
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.33	21.33	0.1358
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.86	21.86	0.1535
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.89	20.89	0.1227
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	24.81	21.81	0.1517
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	23.82	20.82	0.1208
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	25.24	22.24	0.1675
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.27	21.27	0.1340
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.87	21.87	0.1538
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.9	20.9	0.1230
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	24.93	21.93	0.1560
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	23.95	20.95	0.1245
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.28	22.28	0.1690
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.23	21.23	0.1327
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.2	22.2	0.1660
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.31	21.31	0.1352
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.17	22.17	0.1648
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.13	21.13	0.1297
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.8	22.8	0.1905
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.62	22.62	0.1828
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	24.66	21.66	0.1466
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	24.65	21.65	0.1462
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.27	22.27	0.1687
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	23.54	20.54	0.1132
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	23.63	20.63	0.1156
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.39	21.39	0.1377
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	22.64	19.64	0.0920
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.07	19.07	0.0807
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.54	19.54	0.0899
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	20.88	17.88	0.0614
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	20.49	17.49	0.0561
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.97	17.97	0.0627
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	19.23	16.23	0.0420
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	22.99	19.99	0.0998
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	23.65	20.65	0.1161
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.96	18.96	0.0787

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Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-1.5dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	CP-OFDM QPSK	1@1	24.25	24.53	27.40	25.9	0.3890
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	23.85	23.95	26.91	25.41	0.3475
77	30	10	633334	3500.01	CP-OFDM QPSK	1@1	24.73	24.76	27.76	26.26	0.4227
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	24.18	24.03	27.12	25.62	0.3648
77	30	10	636332	3544.98	CP-OFDM QPSK	1@1	24.44	24.85	27.66	26.16	0.4130
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	24	24.19	27.11	25.61	0.3639
77	30	15	630500	3457.5	CP-OFDM QPSK	1@1	24.54	24.84	27.70	26.2	0.4169
77	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	24.05	24.25	27.16	25.66	0.3681
77	30	15	633334	3500.01	CP-OFDM QPSK	1@1	24.69	24.8	27.76	26.26	0.4227
77	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	24.27	24.21	27.25	25.75	0.3758
77	30	15	636166	3542.49	CP-OFDM QPSK	1@1	24.78	24.97	27.89	26.39	0.4355
77	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	24.32	24.24	27.29	25.79	0.3793
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	24.5	24.9	27.71	26.21	0.4178
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	24.12	24.4	27.27	25.77	0.3776
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	24.78	24.95	27.88	26.38	0.4345
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	24.16	24.15	27.17	25.67	0.3690
77	30	20	636000	3540	CP-OFDM QPSK	1@1	24.88	24.82	27.86	26.36	0.4325
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	24.23	24.01	27.13	25.63	0.3656
77	30	30	631000	3465	CP-OFDM QPSK	1@1	24.58	25.02	27.82	26.32	0.4285
77	30	30	631000	3465	CP-OFDM 16 QAM	1@1	24.19	24.38	27.30	25.8	0.3802
77	30	30	633334	3500.01	CP-OFDM QPSK	1@1	24.86	25.09	27.99	26.49	0.4457
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	24.4	24.55	27.49	25.99	0.3972
77	30	30	635666	3534.99	CP-OFDM QPSK	1@1	25.3	25.27	28.30	26.8	0.4786
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	24.88	24.66	27.78	26.28	0.4246
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	24.65	25.03	27.85	26.35	0.4315
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	24.22	24.36	27.30	25.8	0.3802
77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	24.91	25.17	28.05	26.55	0.4519
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	24.34	24.67	27.52	26.02	0.3999
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	25.33	25.23	28.29	26.79	0.4775
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	24.91	24.73	27.83	26.33	0.4295
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	24.4	24.8	27.61	26.11	0.4083
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	24.02	24.24	27.14	25.64	0.3664
77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	24.54	24.92	27.74	26.24	0.4207
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	24.16	24.28	27.23	25.73	0.3741
77	30	50	635000	3525	CP-OFDM QPSK	1@1	24.95	24.9	27.94	26.44	0.4406

77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	24.35	24.41	27.39	25.89	0.3882
77	30	60	632000	3480	CP-OFDM QPSK	1@1	24.48	24.8	27.65	26.15	0.4121
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	23.98	24.3	27.15	25.65	0.3673
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	24.53	24.93	27.74	26.24	0.4207
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	24.17	24.3	27.25	25.75	0.3758
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	24.69	24.98	27.85	26.35	0.4315
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	24.13	24.29	27.22	25.72	0.3733
77	30	70	632334	3485.01	CP-OFDM QPSK	1@1	24.26	24.71	27.50	26	0.3981
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	23.87	24.13	27.01	25.51	0.3556
77	30	70	633334	3500.01	CP-OFDM QPSK	1@1	24.43	24.82	27.64	26.14	0.4111
77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	23.94	24.25	27.11	25.61	0.3639
77	30	70	634332	3514.98	CP-OFDM QPSK	1@1	24.58	24.85	27.73	26.23	0.4198
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	24.12	24.35	27.25	25.75	0.3758
77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	24.27	24.69	27.50	26	0.3981
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	23.81	24.1	26.97	25.47	0.3524
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	24.41	24.8	27.62	26.12	0.4093
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	23.95	24.25	27.11	25.61	0.3639
77	30	80	634000	3510	CP-OFDM QPSK	1@1	24.52	24.79	27.67	26.17	0.4140
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	23.96	24.27	27.13	25.63	0.3656
77	30	90	633000	3495	CP-OFDM QPSK	1@1	24.23	24.71	27.49	25.99	0.3972
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	23.85	24.19	27.03	25.53	0.3573
77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	24.35	24.82	27.60	26.1	0.4074
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	23.75	24.25	27.02	25.52	0.3565
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	24.44	24.88	27.68	26.18	0.4150
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	24.06	24.31	27.20	25.7	0.3715
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	25.36	25.27	28.33	26.83	0.4819
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.25	24.81	27.55	26.05	0.4027
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.97	24.45	27.23	25.73	0.3741
77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	24.04	24.09	27.08	25.58	0.3614
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	23.85	24.31	27.10	25.6	0.3631
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	23.44	23.75	26.61	25.11	0.3243
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	22.28	22.22	25.26	23.76	0.2377
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	22.04	22.3	25.18	23.68	0.2333
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	21.7	21.88	24.80	23.3	0.2138
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	18.29	18.32	21.32	19.82	0.0959
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	17.94	18.55	21.27	19.77	0.0948
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	17.68	18.2	20.96	19.46	0.0883

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Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0046	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0030	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0030	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0043	PASS	-30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0048	PASS	-20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0062	PASS	-10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0027	PASS	0°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0060	PASS	10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0046	PASS	20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0062	PASS	30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0024	PASS	40°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0034	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	20	633334	3500.01	CP-OFDM QPSK	51@0	7.11	13	PASS

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5673	9.354
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5679	9.521
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5434	9.613
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5795	9.397
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.57	14.65
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.527	14.79
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.57	14.78
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.568	15.05
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.195	19.74
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.243	19.4
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.148	19.55
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.234	19.22
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.866	29.22
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.752	29.3
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.845	29.02
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.88	29.11
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.799	39.19
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.735	39.28
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.809	39.31
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.746	39.46
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.544	49.17
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.387	48.99
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.483	49.03
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.504	49.24
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.723	60.37
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.713	60.11
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.985	59.76
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.835	59.8
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.538	69.83
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.585	70.2
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.57	69.74
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.585	69.79
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.376	79.92

77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.526	80.38
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.535	80.0
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.431	79.89
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.534	90.32
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.75	90.21
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.473	90.21
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.459	90.34
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.35	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.531	100.7
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.289	100.4
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.242	100.4

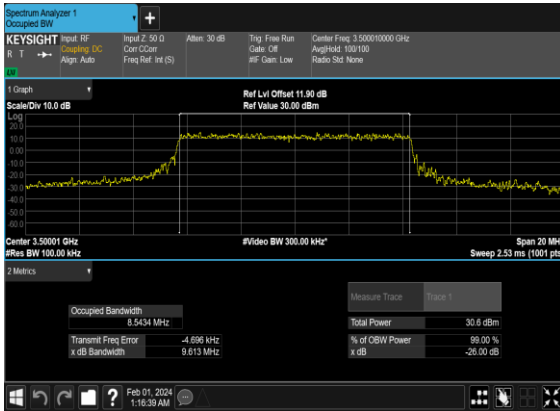
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



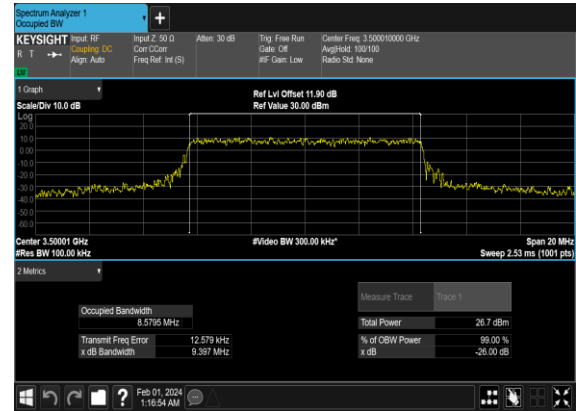
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



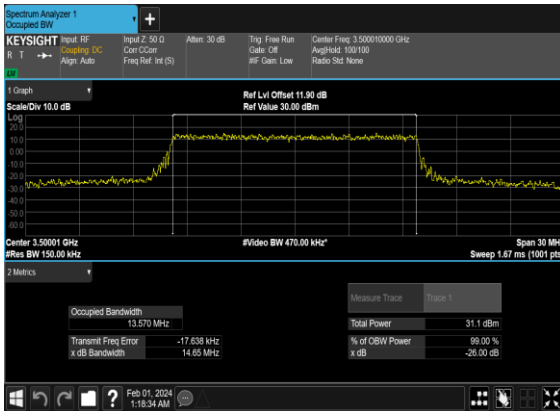
N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



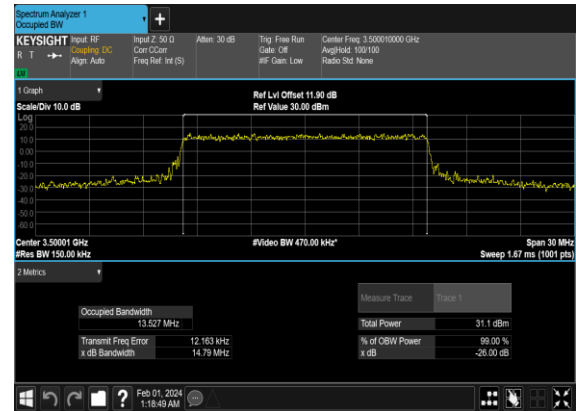
N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



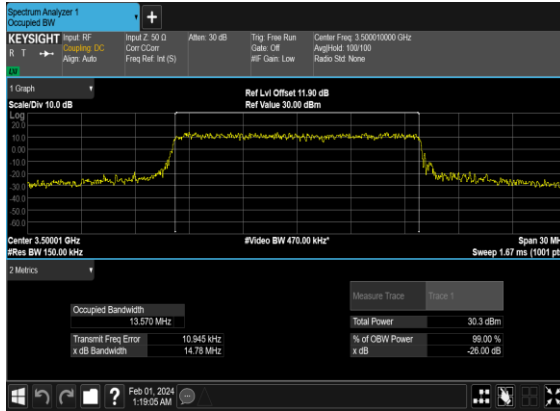
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



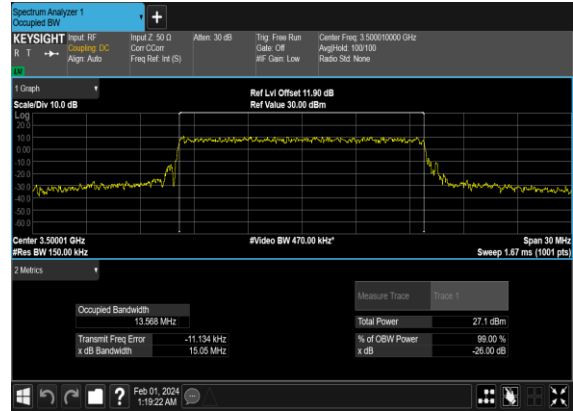
N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



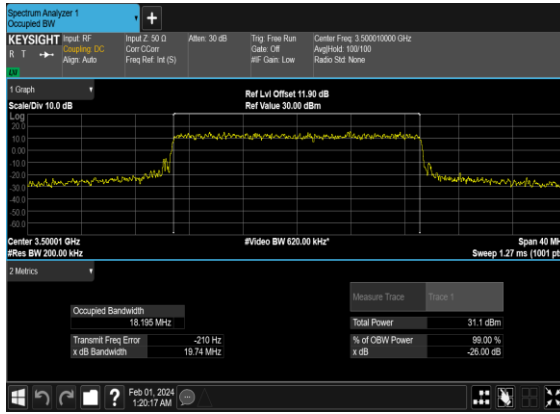
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



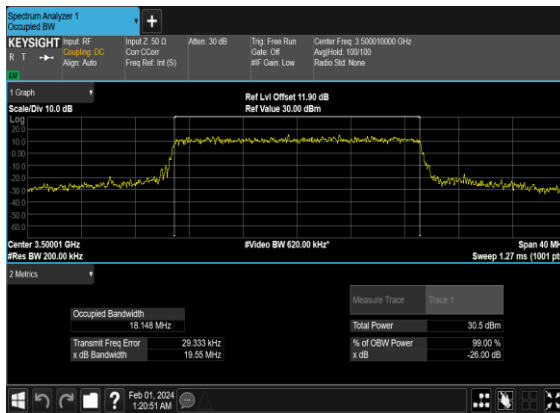
N77(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



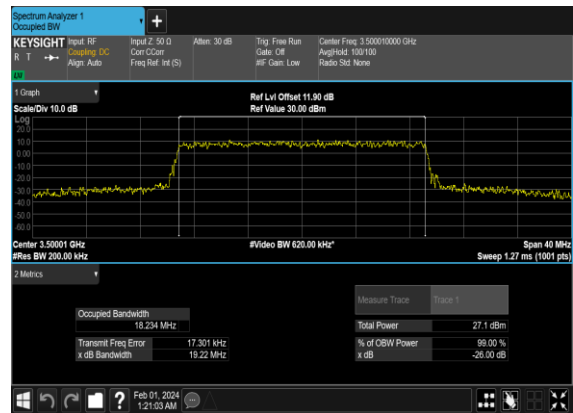
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



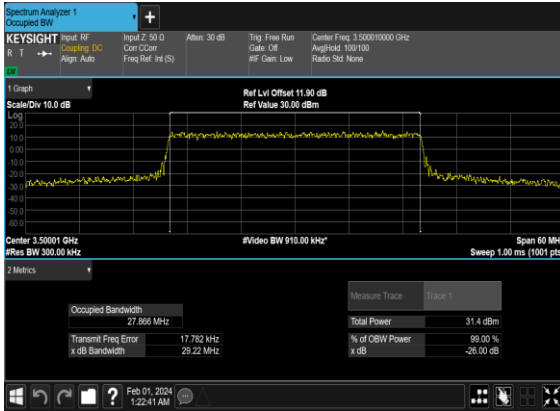
N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



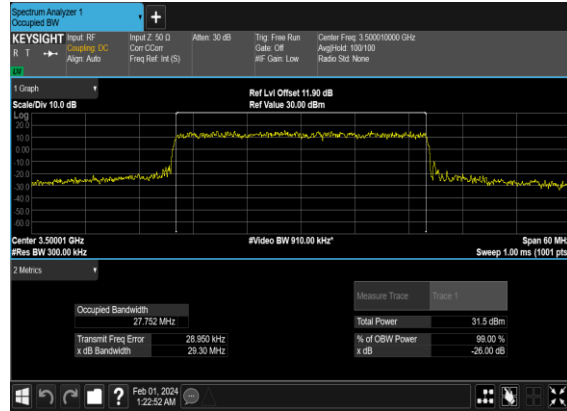
N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



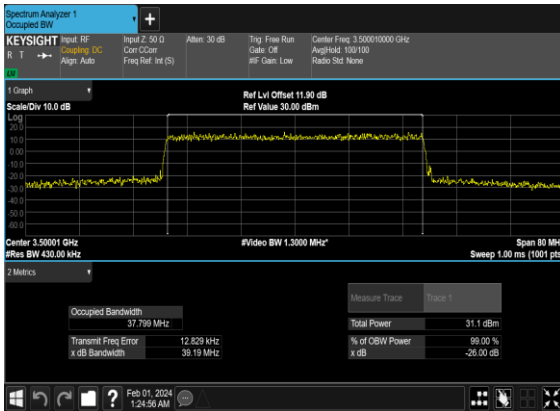
N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



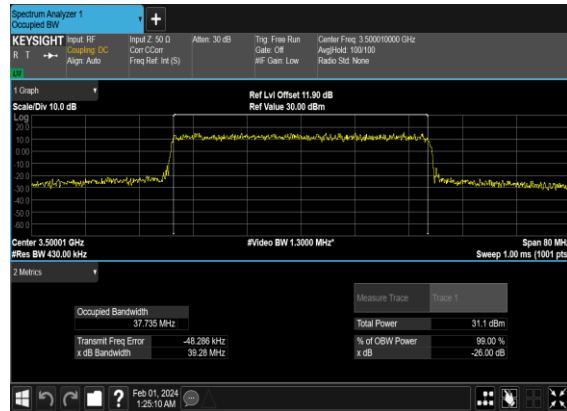
N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



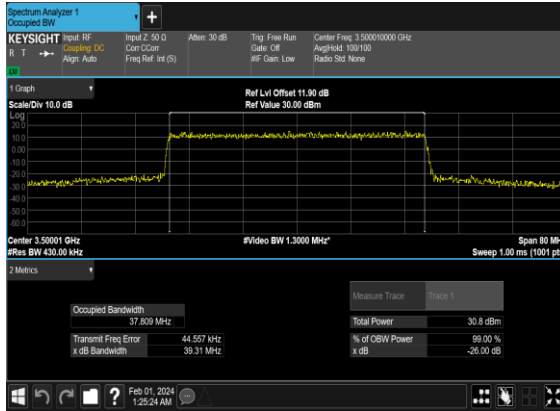
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



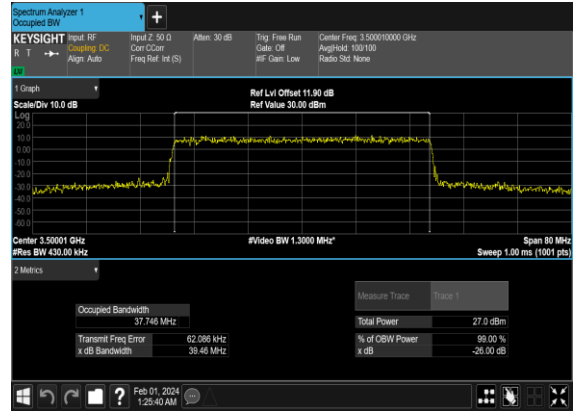
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



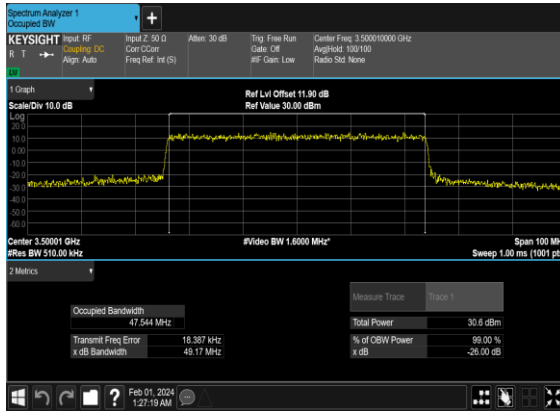
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



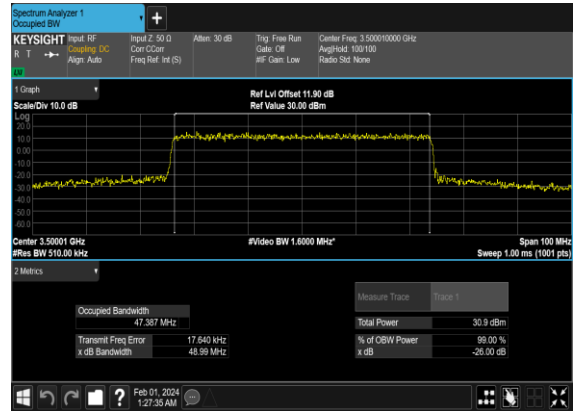
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



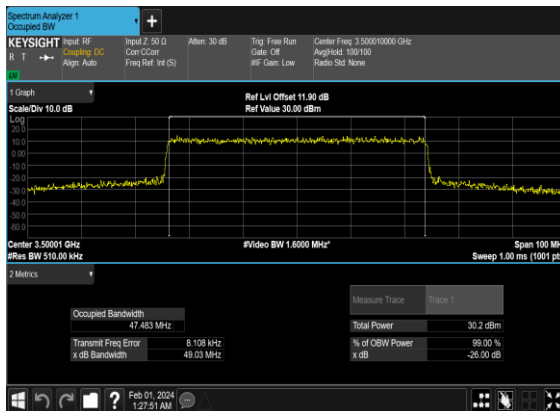
N77(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



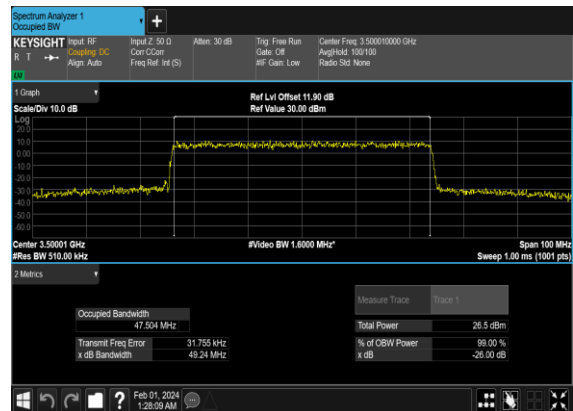
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



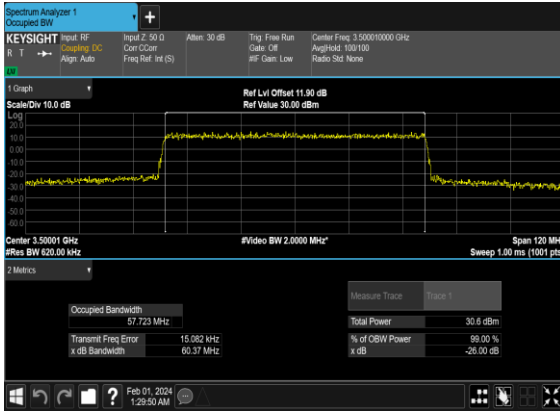
N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



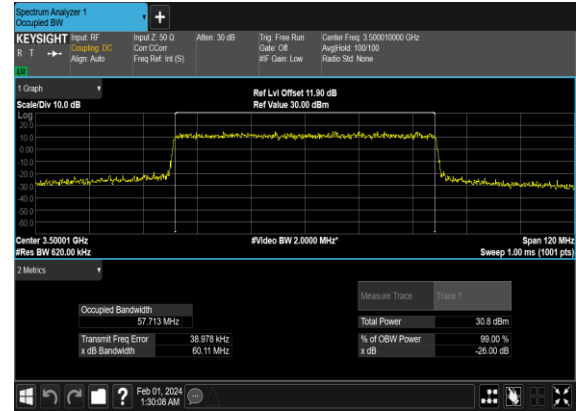
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



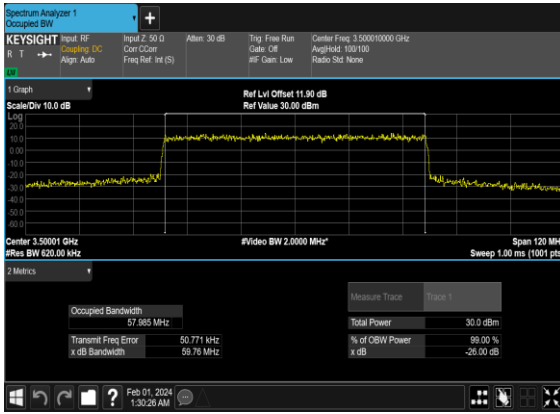
N77(60M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



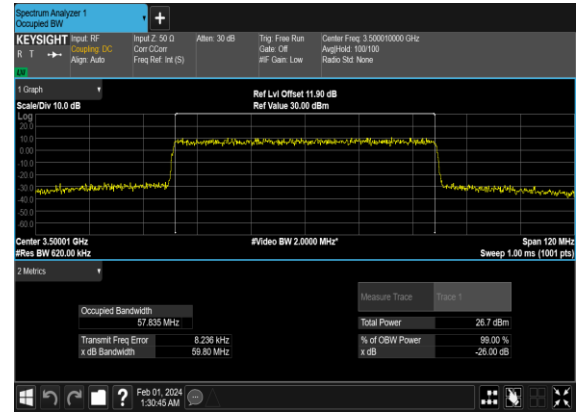
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



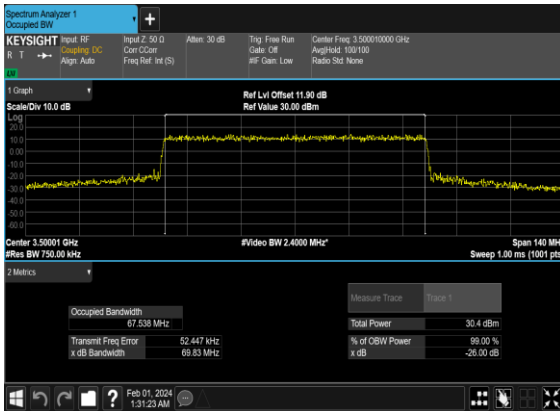
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



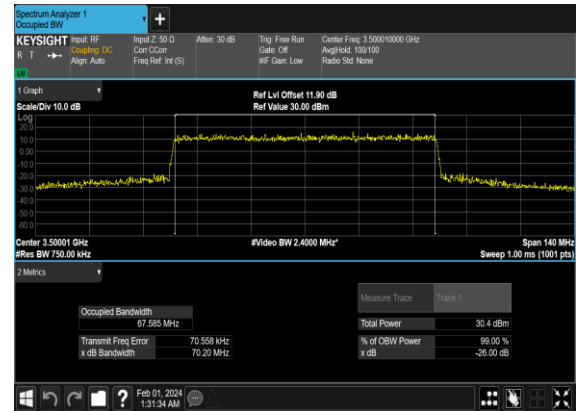
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



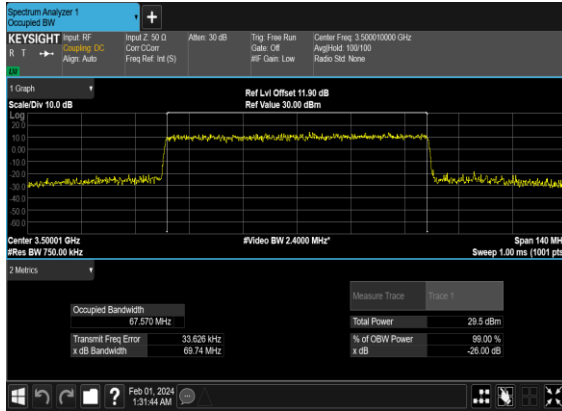
N77(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



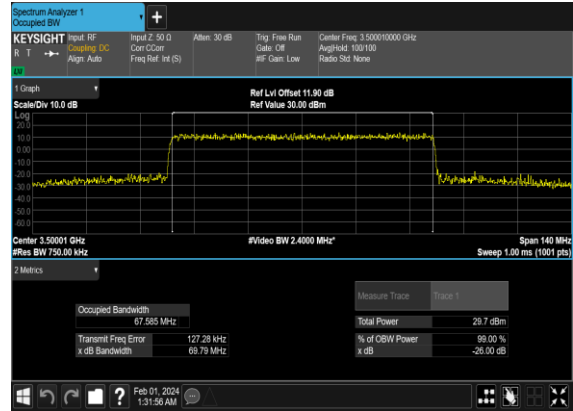
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



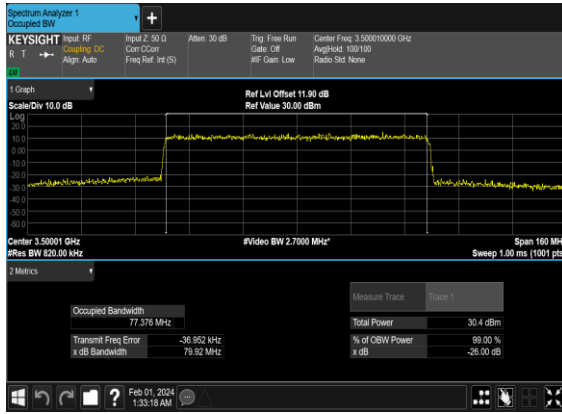
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



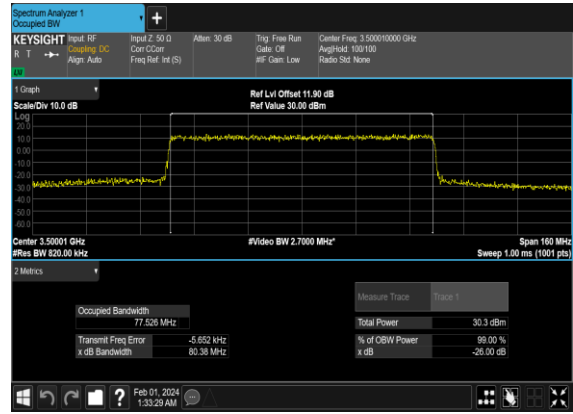
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



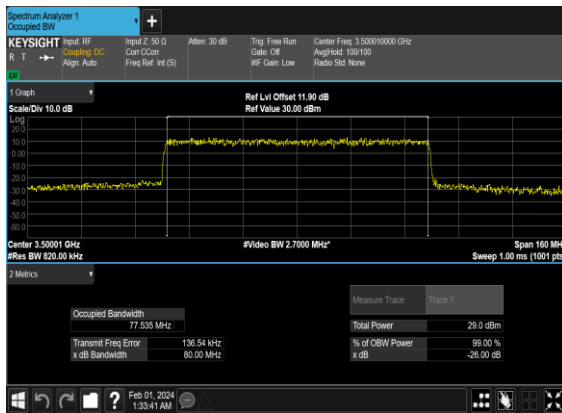
N77(80M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



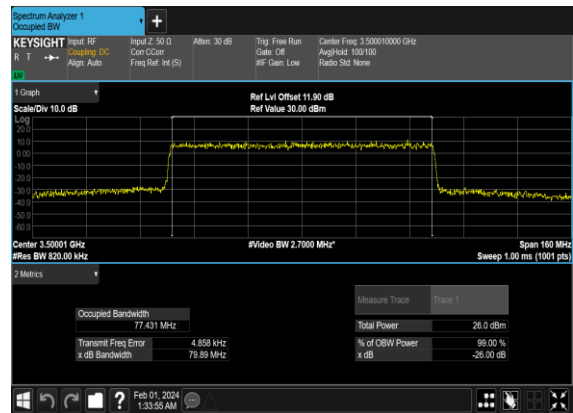
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



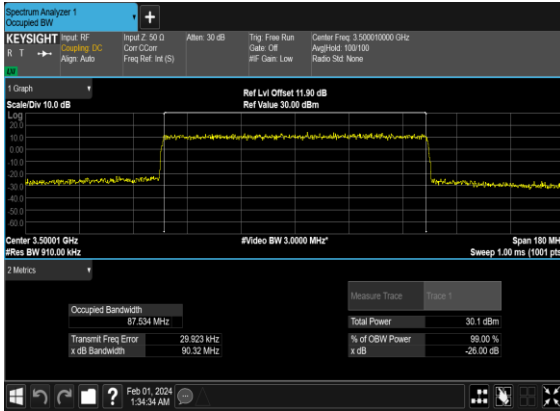
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



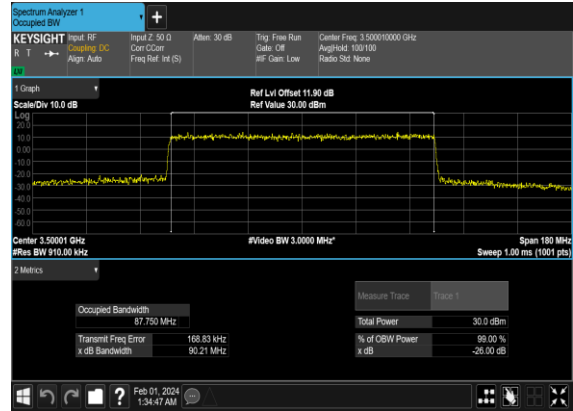
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



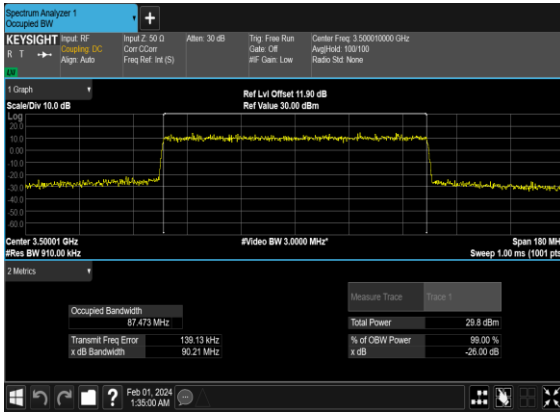
N77(90M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



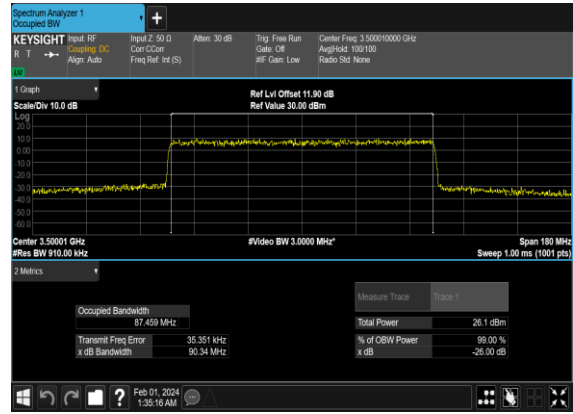
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



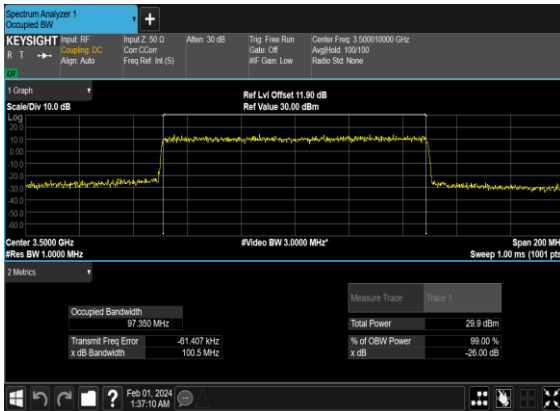
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



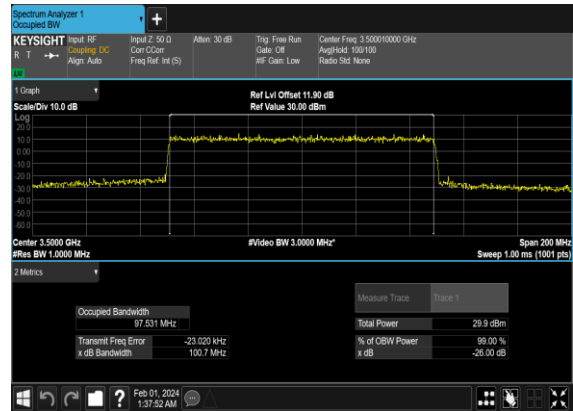
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



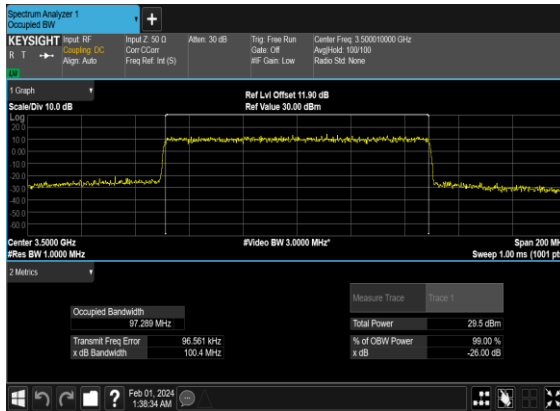
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



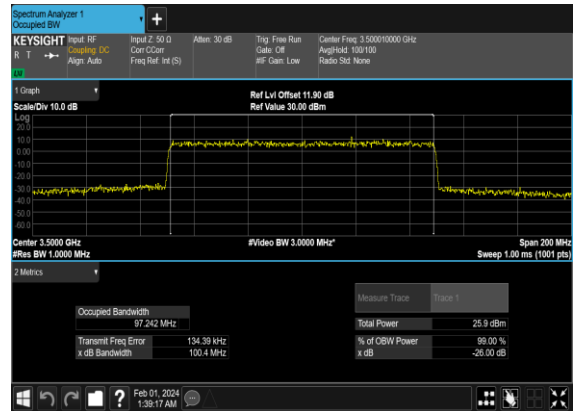
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



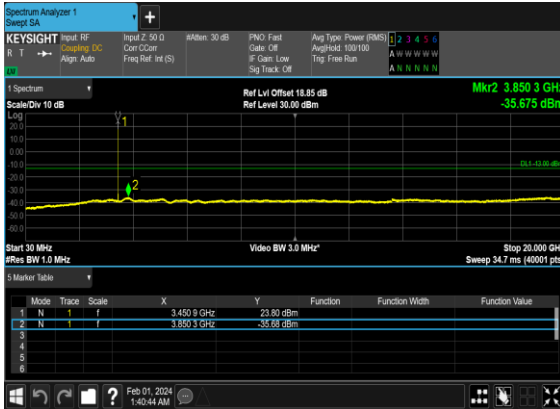
N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



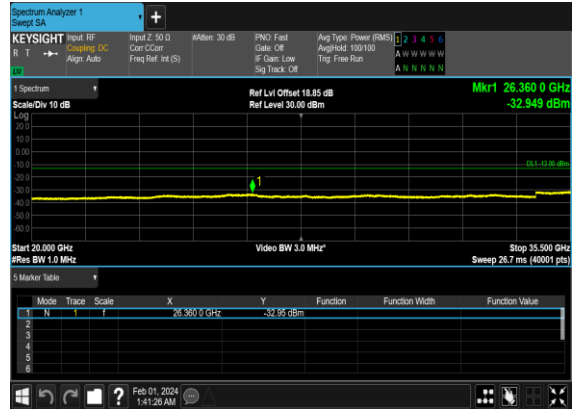
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	---
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	---
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	---
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	---
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS

N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



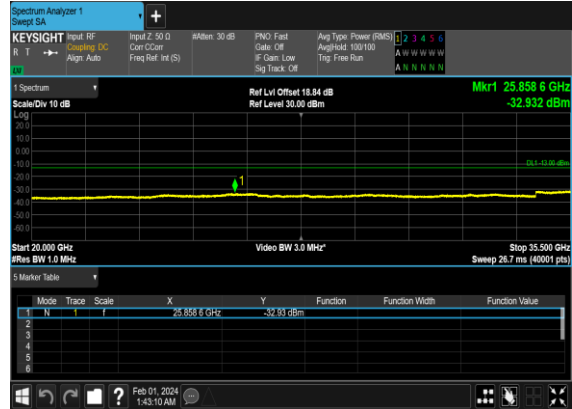
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



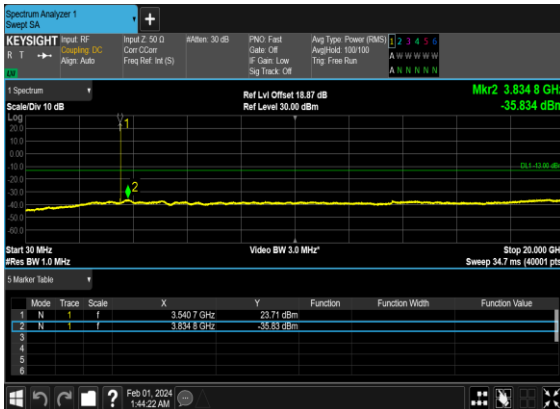
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



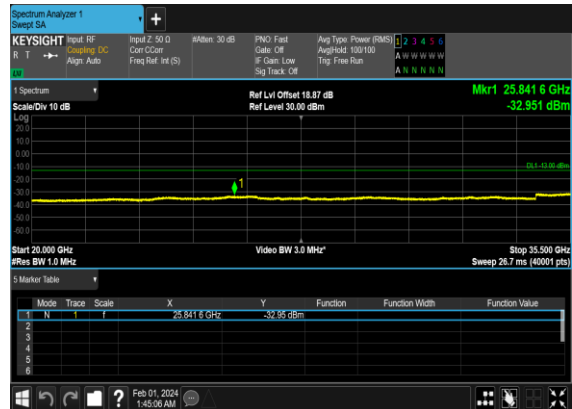
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



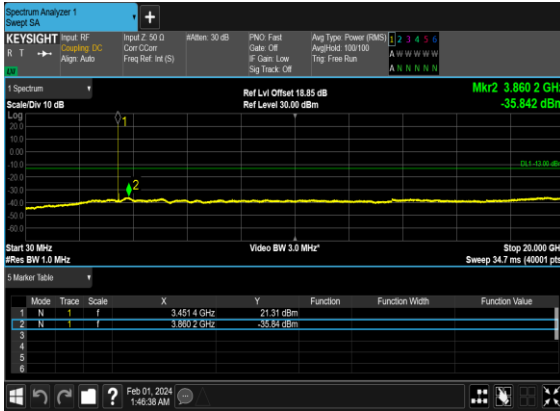
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



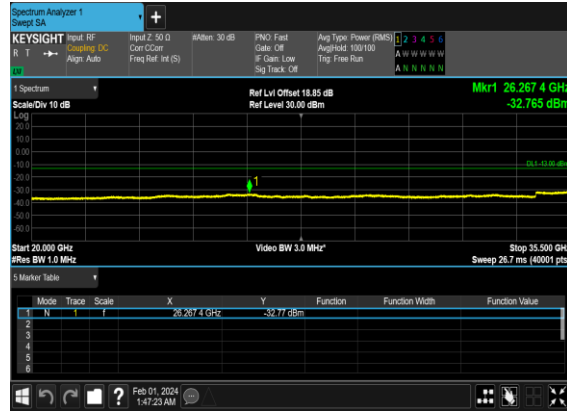
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



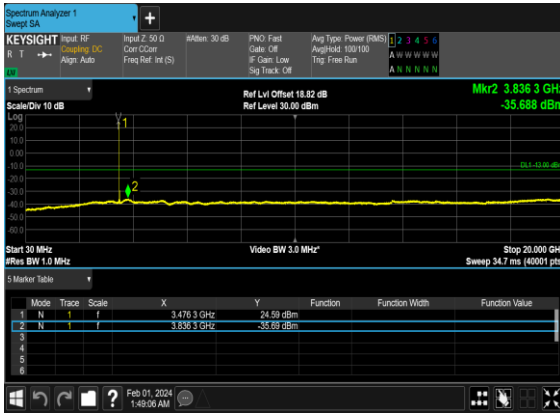
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



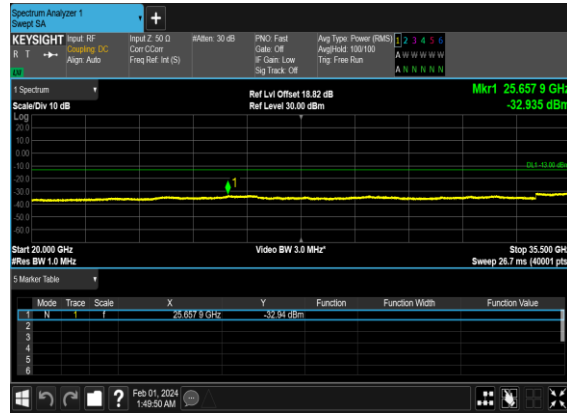
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



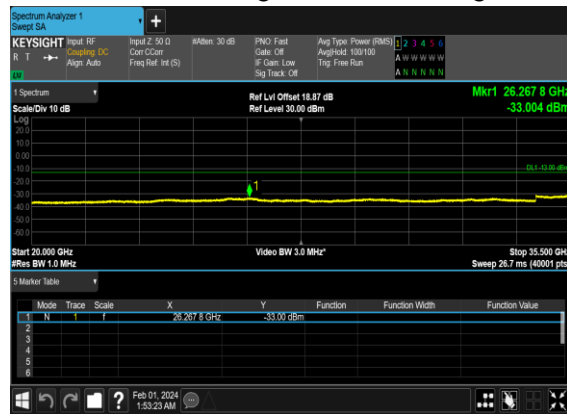
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



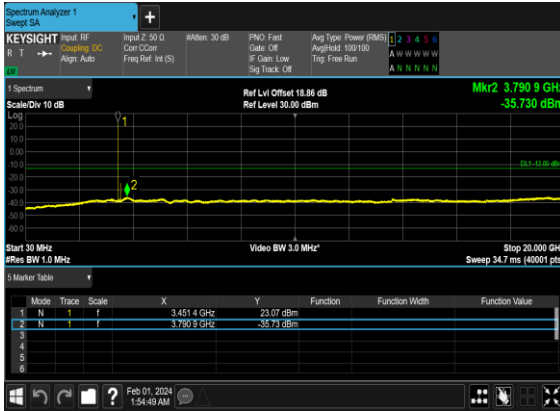
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



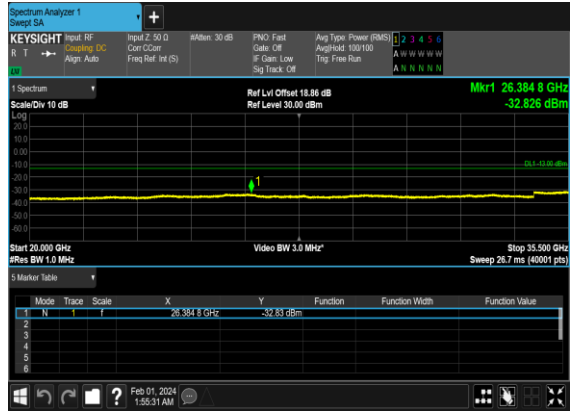
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



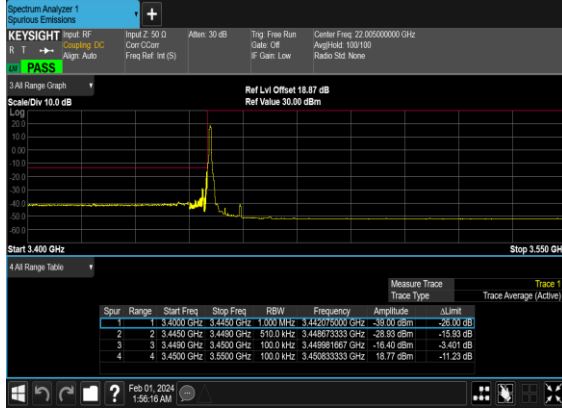
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	133@0	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	133@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	PASS

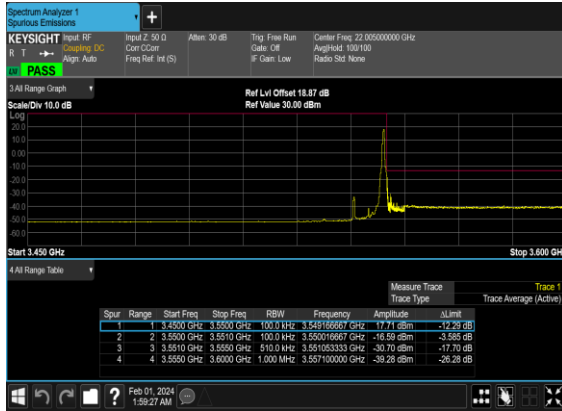
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



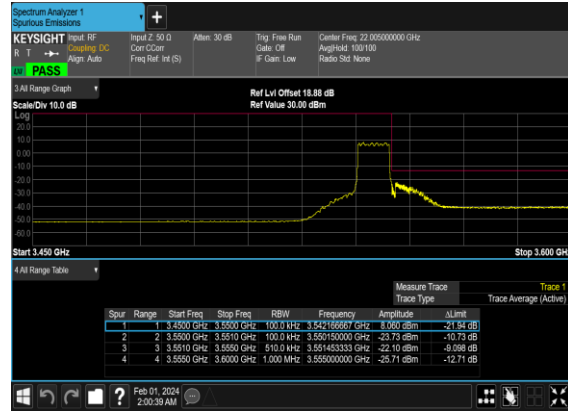
N77(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



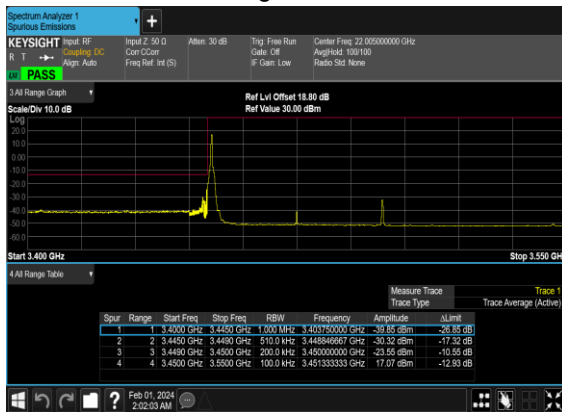
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



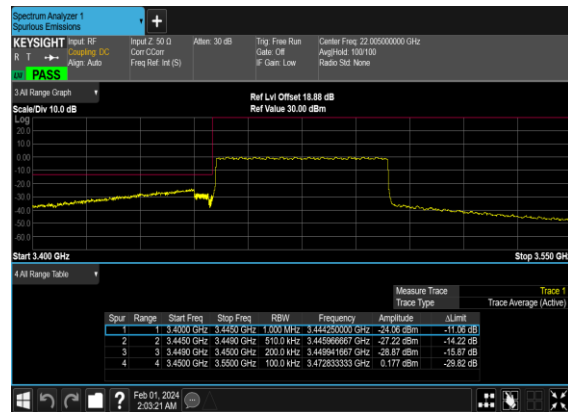
N77(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH



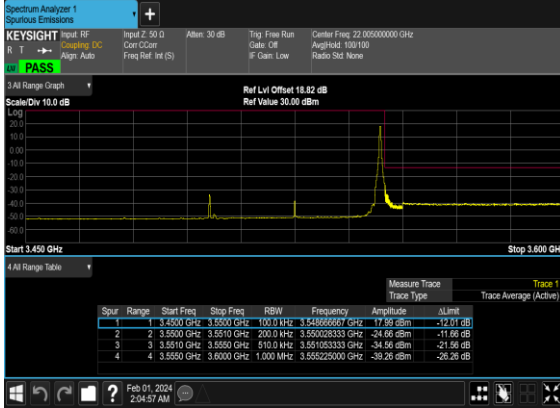
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



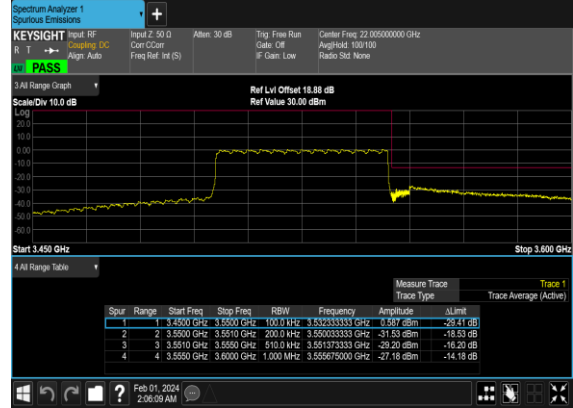
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



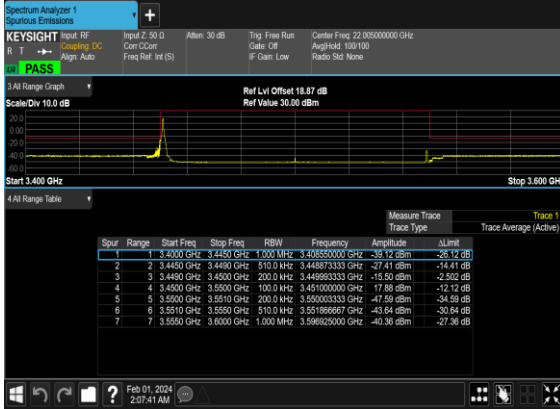
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



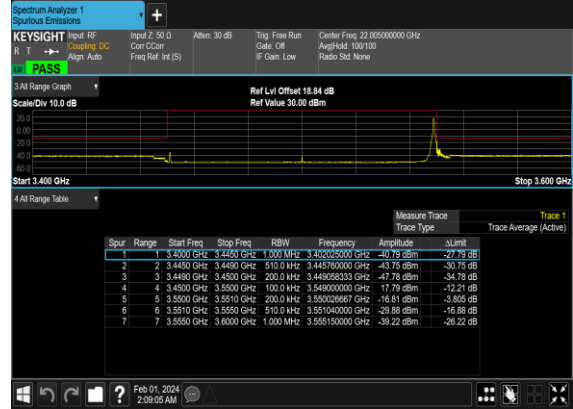
N77(50M)_CP- OFDM_QPSK_Outer_Full_High_CH



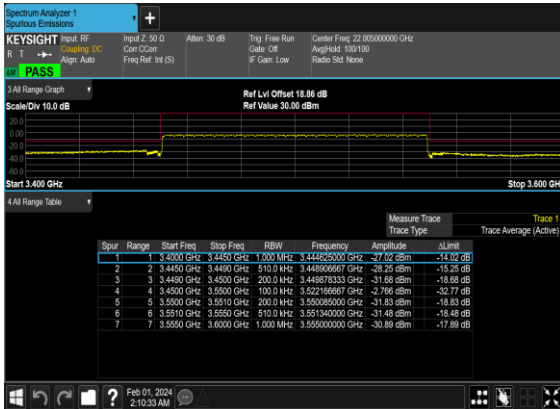
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



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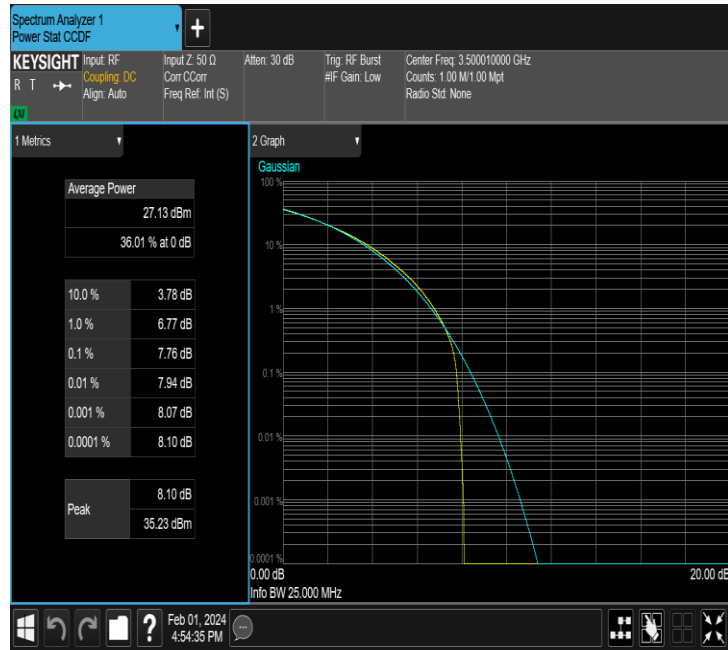
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0027	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0029	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0067	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0052	PASS	-30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0043	PASS	-20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0039	PASS	-10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0052	PASS	0°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0044	PASS	10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0027	PASS	20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0043	PASS	30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0027	PASS	40°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0028	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	20	633334	3500.01	CP-OFDM QPSK	51@0	7.76	13	PASS

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5794	9.812
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5736	9.751
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5707	9.716
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5812	9.527
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.533	14.61
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.466	14.48
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.625	14.53
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.565	14.58
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.212	19.06
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.218	19.39
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.24	19.6
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.211	19.46
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.709	29.27
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.847	29.14
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.864	29.13
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.772	29.1
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.819	39.26
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.879	39.5
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.802	39.53
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.741	39.13
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.55	48.94
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.466	49.11
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.605	49.16
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.509	49.23
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.713	59.93
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.841	59.77
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.792	59.72
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.866	59.75
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.387	69.83
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.635	70.09
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.725	70.1
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.531	69.78
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.49	80.11

77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.504	79.87
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.685	80.07
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.453	79.96
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.413	90.1
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.677	90.21
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.667	90.35
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.334	90.48
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.522	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.559	100.6
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.581	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.547	100.4

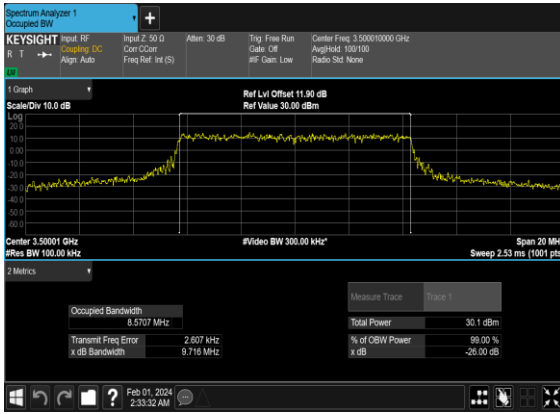
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



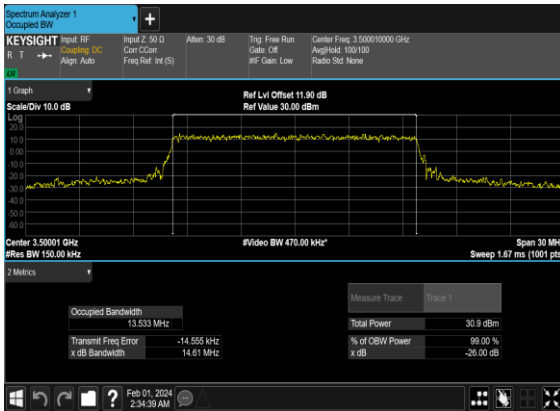
N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



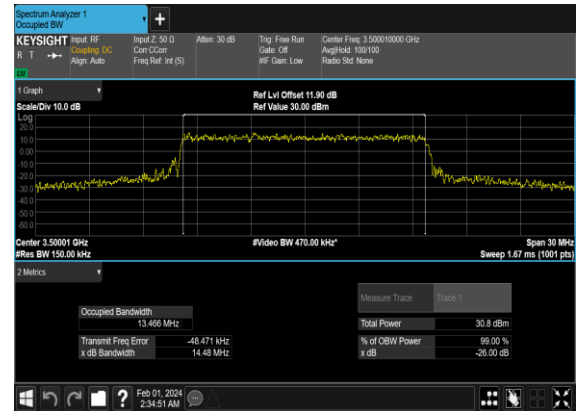
N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



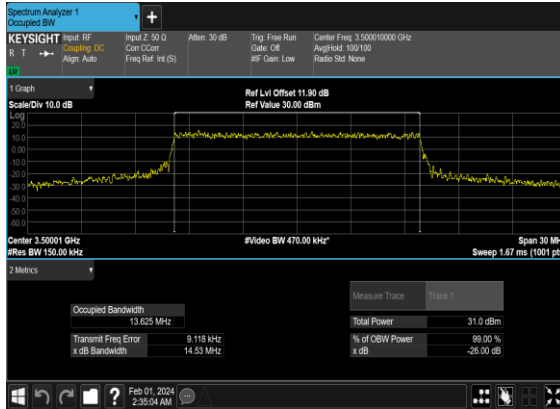
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



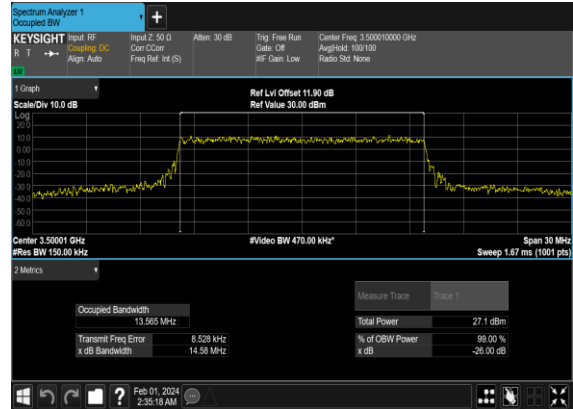
N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



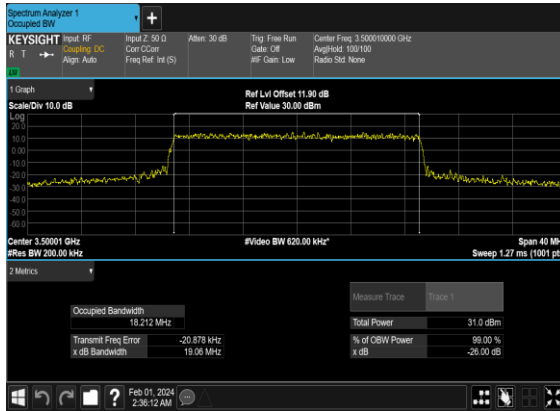
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



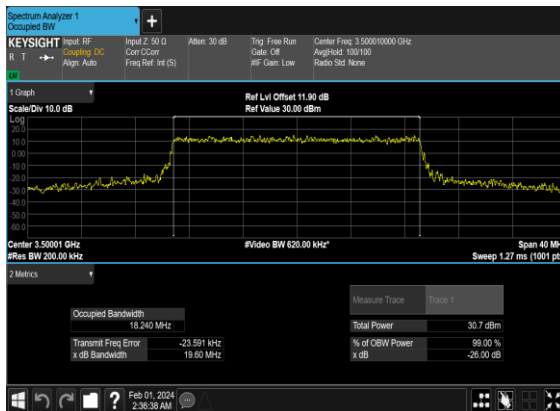
N77(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



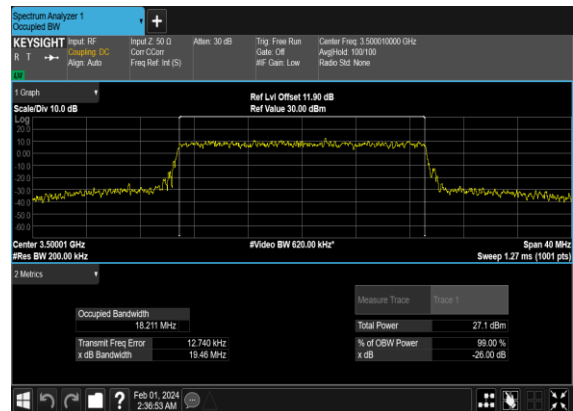
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



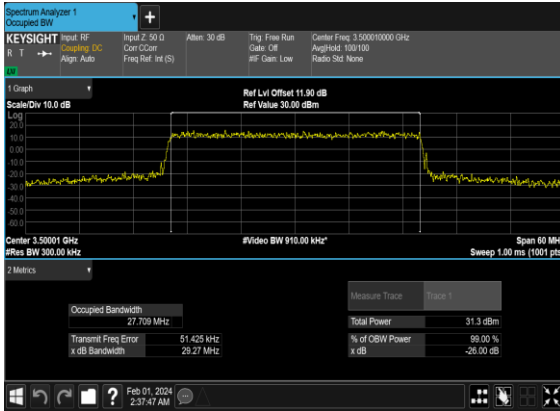
N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



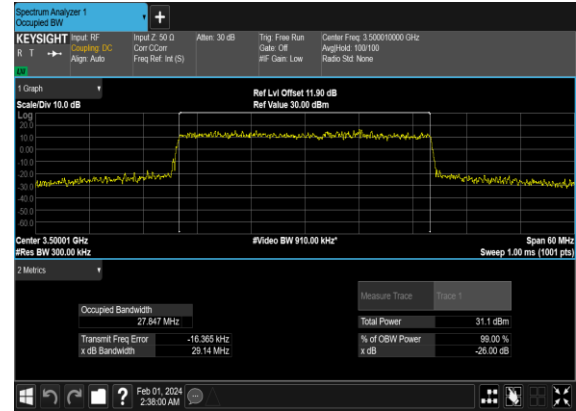
N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



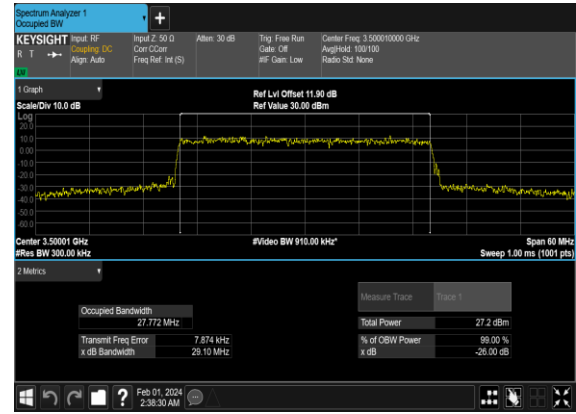
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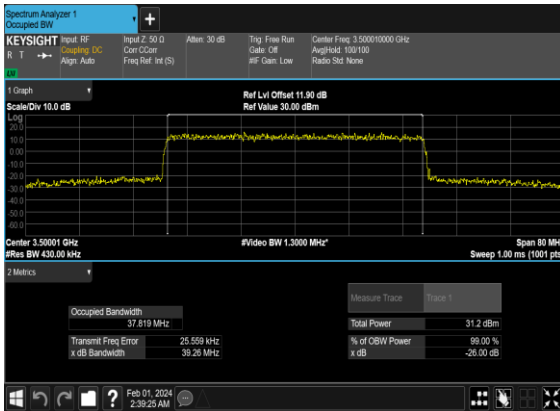
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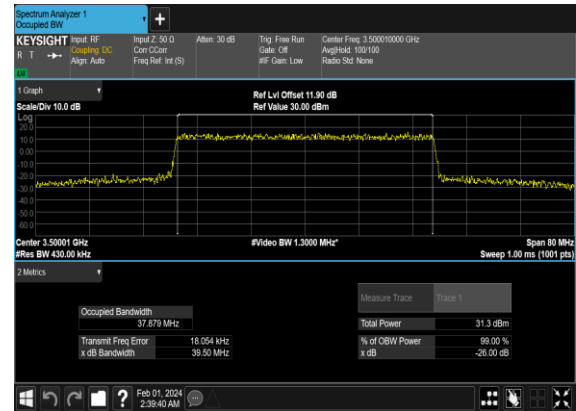
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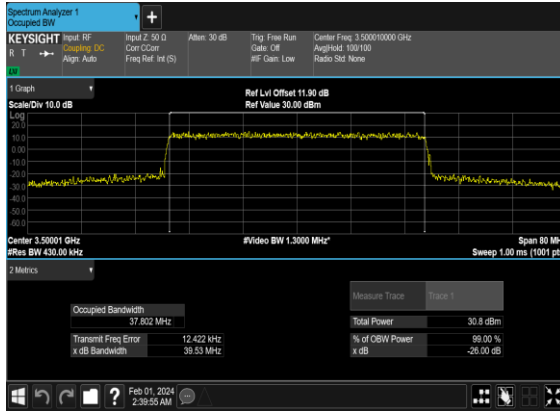
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



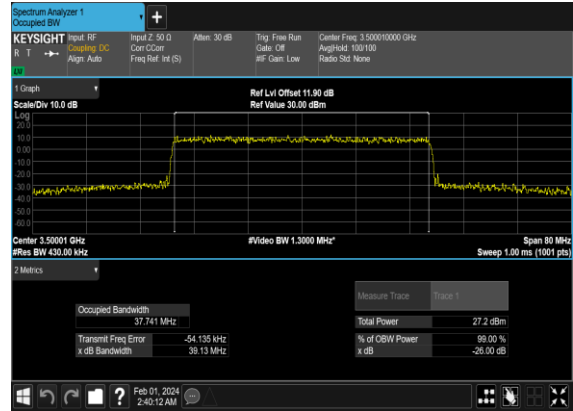
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



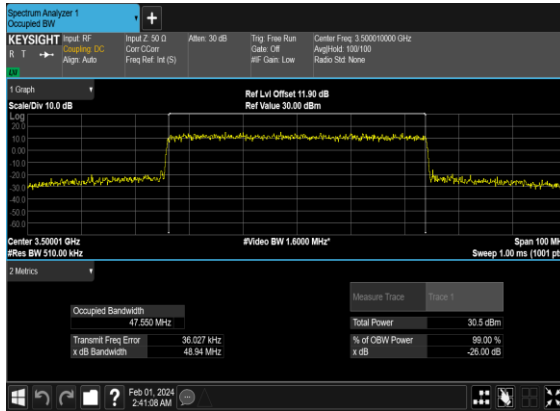
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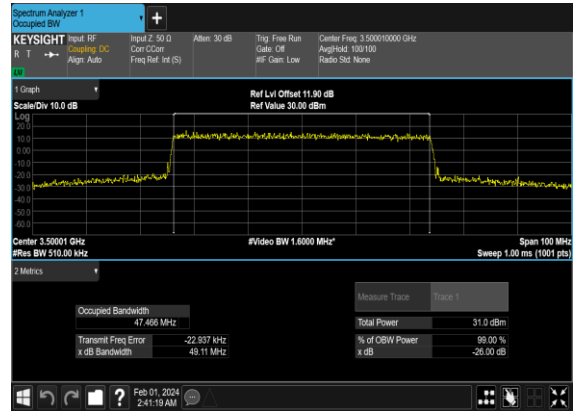
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



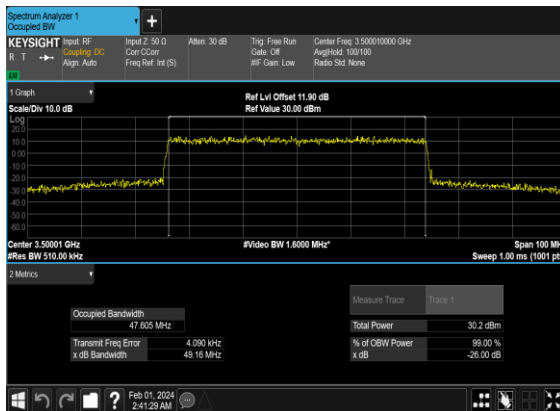
N77(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

