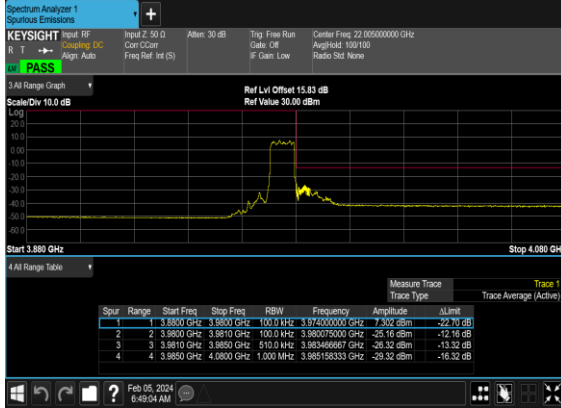
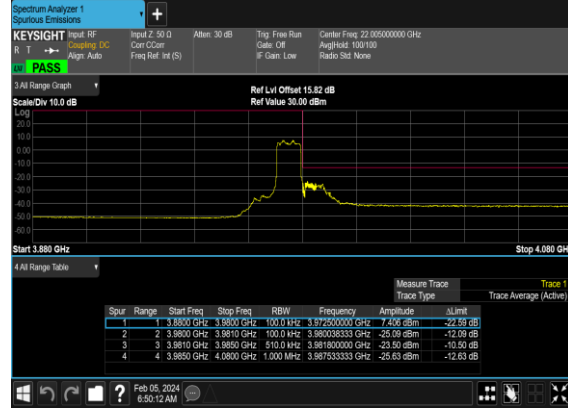


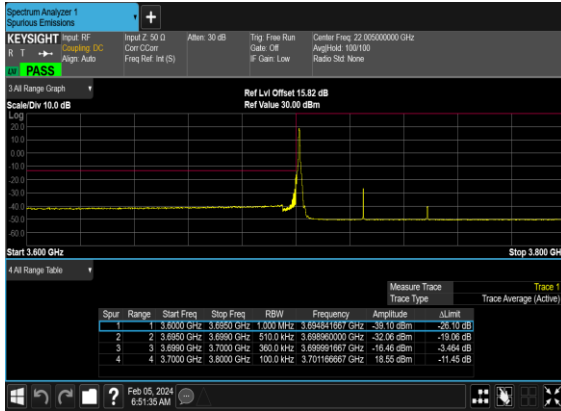
B2_N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



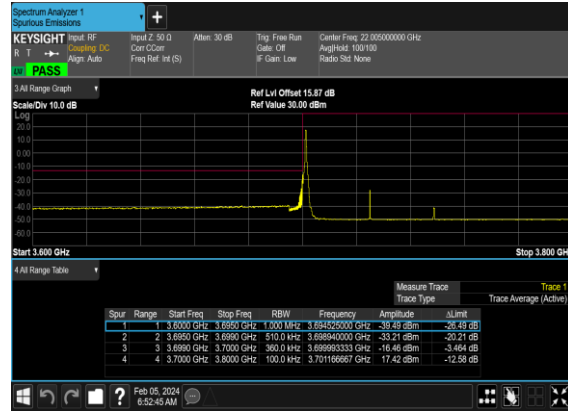
B2_N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



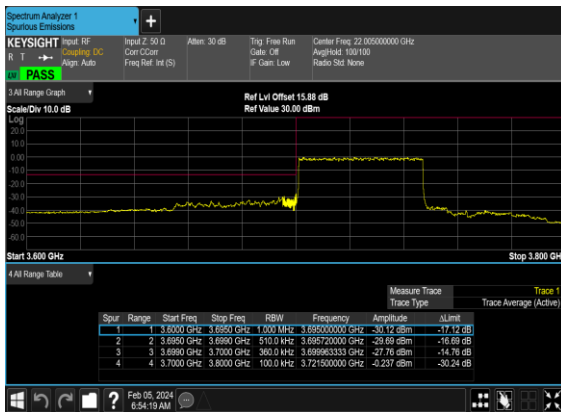
B2_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



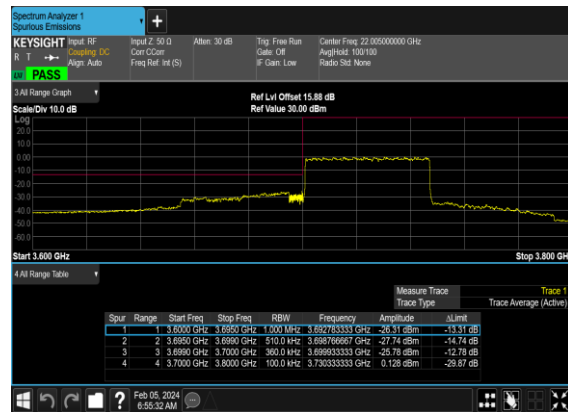
B2_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



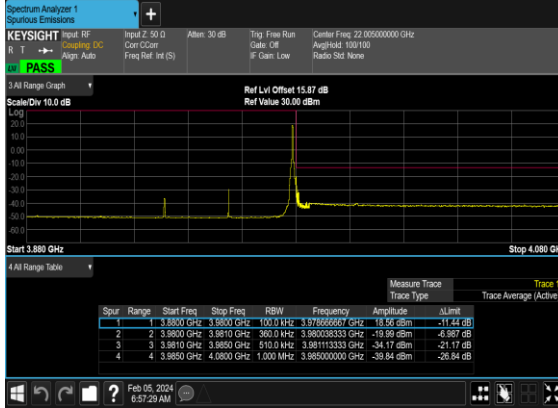
B2_N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



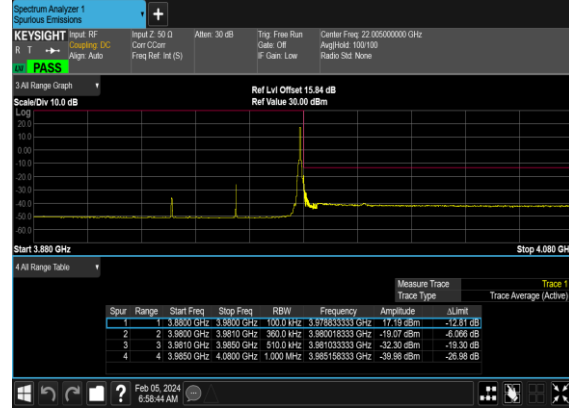
B2_N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



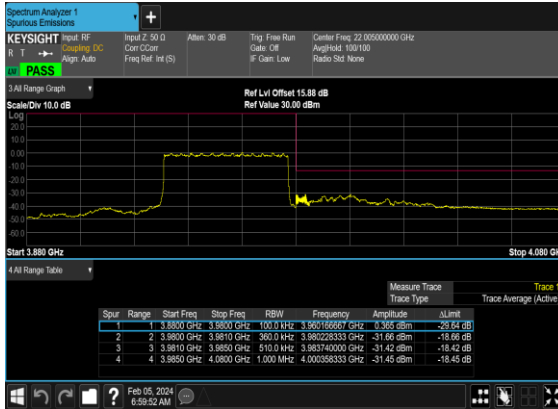
B2_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



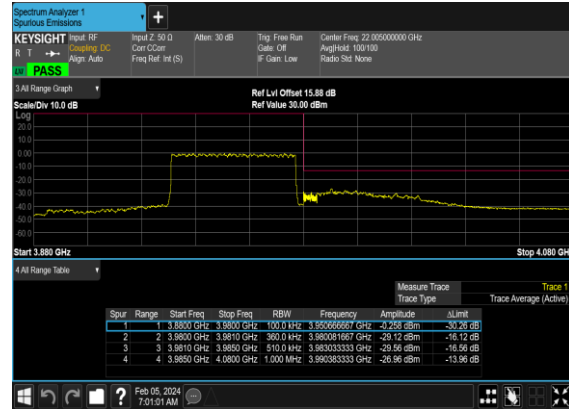
B2_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



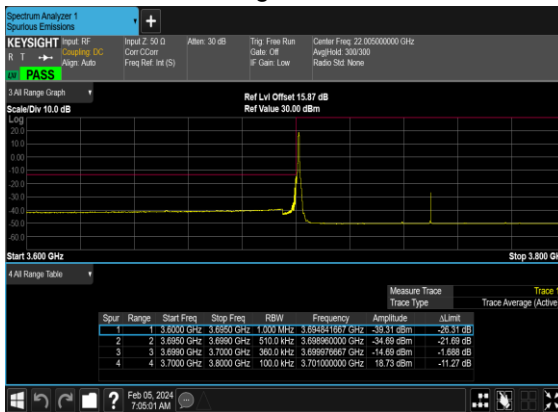
B2_N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



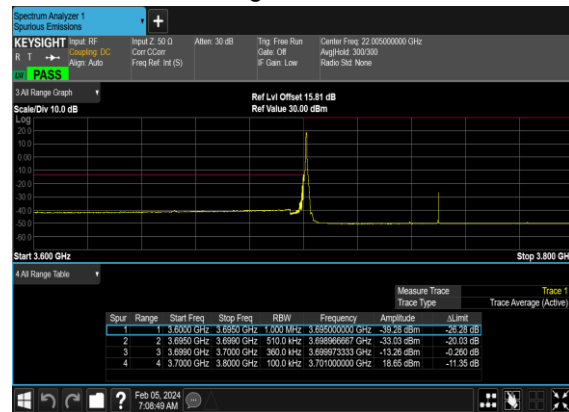
B2_N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



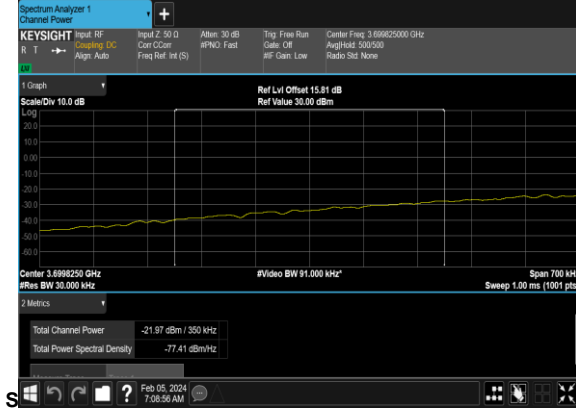
B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



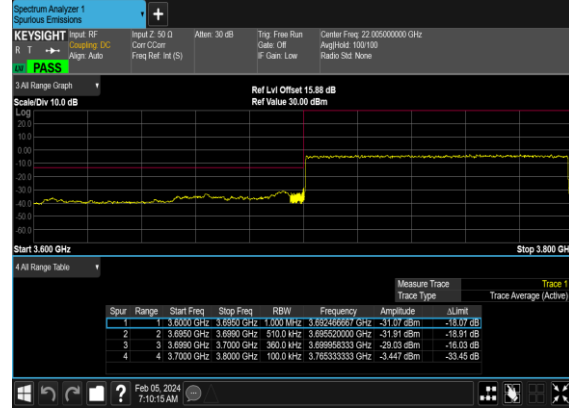
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



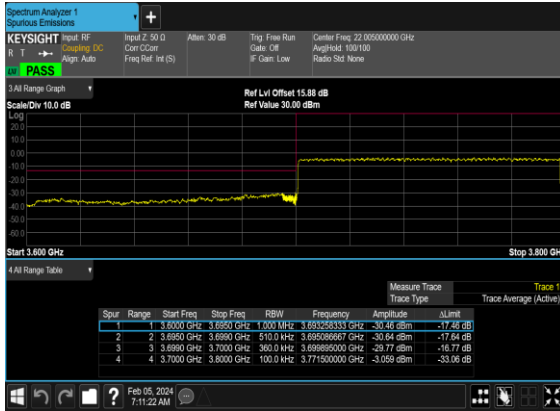
B2_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS



B2_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



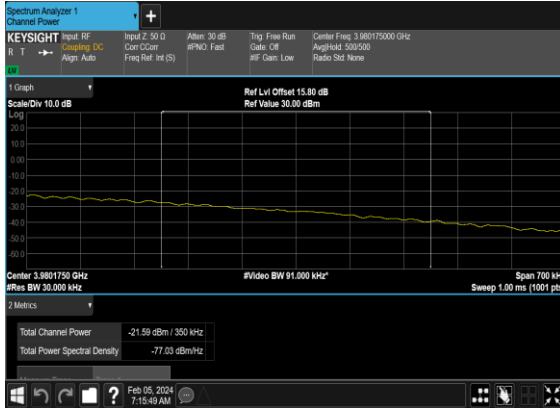
B2_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B2_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



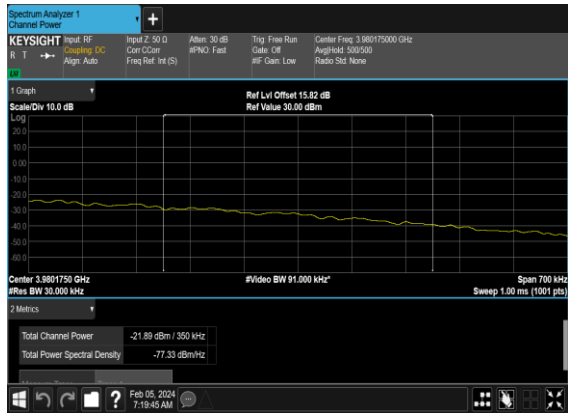
B2_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_P
ASS



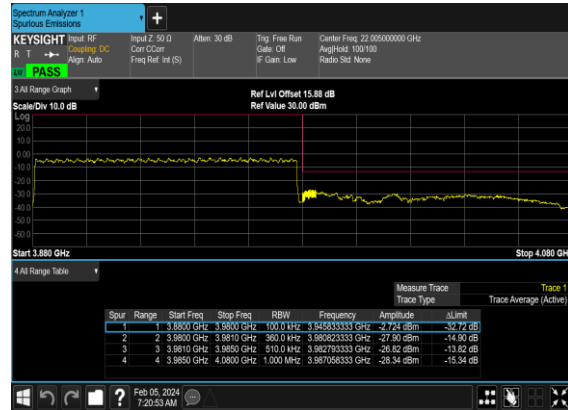
B2_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



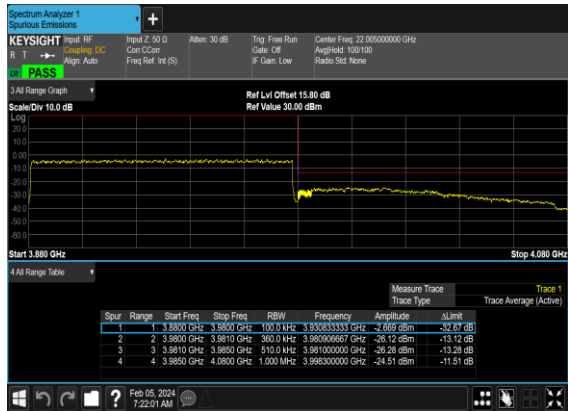
B2_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_P
ASS



B2_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



Note: for bandedge item, the “CHP” means channel power integration method.

FR1 N78 SA_SISO_ANT 4

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	647000	3705	DFT-s-OFDM QPSK	1@1	25.29	22.29	0.1694
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.4	21.4	0.1380
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	26.36	23.36	0.2168
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.36	22.36	0.1722
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.95	22.95	0.1972
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.06	22.06	0.1607
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.27	22.27	0.1687
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.28	21.28	0.1343
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	26.53	23.53	0.2254
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.54	22.54	0.1795
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	26.08	23.08	0.2032
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	25.07	22.07	0.1611
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.02	22.02	0.1592
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.02	21.02	0.1265
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.47	23.47	0.2223
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.6	22.6	0.1820
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.61	22.61	0.1824
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.68	21.68	0.1472
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.45	22.45	0.1758
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.47	21.47	0.1403
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.49	23.49	0.2234
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.68	22.68	0.1854
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.99	22.99	0.1991
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	25	22	0.1585
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.34	22.34	0.1714
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.31	21.31	0.1352
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.23	23.23	0.2104
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.26	22.26	0.1683
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.23	23.23	0.2104

78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.26	22.26	0.1683
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.15	22.15	0.1641
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.28	21.28	0.1343
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.9	22.9	0.1950
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.96	21.96	0.1570
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	26.02	23.02	0.2004
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.19	22.19	0.1656
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	24.97	21.97	0.1574
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.1	21.1	0.1288
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.44	22.44	0.1754
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.49	21.49	0.1409
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	26.09	23.09	0.2037
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	25.25	22.25	0.1679
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.1	22.1	0.1622
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.28	21.28	0.1343
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.38	22.38	0.1730
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.42	21.42	0.1387
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	26.12	23.12	0.2051
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	25.18	22.18	0.1652
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.07	22.07	0.1611
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.18	21.18	0.1312
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.12	22.12	0.1629
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.39	21.39	0.1377
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.57	22.57	0.1807
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.62	21.62	0.1452
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.05	22.05	0.1603
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.24	21.24	0.1330
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.08	22.08	0.1614
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.16	21.16	0.1306
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.1	22.1	0.1622
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.18	21.18	0.1312
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.51	23.51	0.2244
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.79	22.79	0.1901
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.43	23.43	0.2203
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.54	23.54	0.2259

78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.78	22.78	0.1897
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.46	23.46	0.2218
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	26.38	23.38	0.2178
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.5	22.5	0.1778
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	26.28	23.28	0.2128
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	25.22	22.22	0.1667
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.11	21.11	0.1291
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	25.12	22.12	0.1629
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	23.24	20.24	0.1057
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.4	19.4	0.0871
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	23.06	20.06	0.1014
78	30	100	650000	3750	CP-OFDM QPSK	137@68	26.2	23.2	0.2089
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.22	22.22	0.1667
78	30	100	650000	3750	CP-OFDM QPSK	1@271	26.1	23.1	0.2042

FR1 N77 MIMO_ANT 4+7

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	647000	3705	CP-OFDM QPSK	1@1	24.29	25.05	27.70	26.2	0.4169
77	30	10	647000	3705	CP-OFDM 16 QAM	1@1	23.93	24.56	27.27	25.77	0.3776
77	30	10	656000	3840	CP-OFDM QPSK	1@1	25.34	24.66	28.02	26.52	0.4487
77	30	10	656000	3840	CP-OFDM 16 QAM	1@1	24.86	23.94	27.43	25.93	0.3917
77	30	10	665000	3975	CP-OFDM QPSK	1@1	25.2	25.09	28.16	26.66	0.4634
77	30	10	665000	3975	CP-OFDM 16 QAM	1@1	24.75	24.44	27.61	26.11	0.4083
77	30	15	647168	3707.52	CP-OFDM QPSK	1@1	24.42	25.08	27.77	26.27	0.4236
77	30	15	647168	3707.52	CP-OFDM 16 QAM	1@1	23.8	24.5	27.17	25.67	0.3690
77	30	15	656000	3840	CP-OFDM QPSK	1@1	25.47	24.81	28.16	26.66	0.4634
77	30	15	656000	3840	CP-OFDM 16 QAM	1@1	24.86	24.25	27.58	26.08	0.4055
77	30	15	664832	3972.48	CP-OFDM QPSK	1@1	25.24	25.15	28.21	26.71	0.4688
77	30	15	664832	3972.48	CP-OFDM 16 QAM	1@1	24.59	24.4	27.51	26.01	0.3990
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.39	25.06	27.75	26.25	0.4217
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	23.88	24.38	27.15	25.65	0.3673
77	30	20	656000	3840	CP-OFDM QPSK	1@1	25.28	24.85	28.08	26.58	0.4550
77	30	20	656000	3840	CP-OFDM 16 QAM	1@1	24.94	24.13	27.56	26.06	0.4036
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	24.92	25.16	28.05	26.55	0.4519
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@1	24.39	24.63	27.52	26.02	0.3999
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	24.42	25.16	27.82	26.32	0.4285
77	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	24.01	24.5	27.27	25.77	0.3776
77	30	30	656000	3840	CP-OFDM QPSK	1@1	25.23	24.94	28.10	26.6	0.4571
77	30	30	656000	3840	CP-OFDM 16 QAM	1@1	24.75	24.26	27.52	26.02	0.3999
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	24.51	25.08	27.81	26.31	0.4276
77	30	30	664332	3964.98	CP-OFDM 16 QAM	1@1	23.98	24.41	27.21	25.71	0.3724
77	30	40	648000	3720	CP-OFDM QPSK	1@1	13.5	15.72	17.76	16.26	0.0423
77	30	40	648000	3720	CP-OFDM 16 QAM	1@1	24.21	24.83	27.54	26.04	0.4018
77	30	40	656000	3840	CP-OFDM QPSK	1@1	25.41	25.1	28.27	26.77	0.4753
77	30	40	656000	3840	CP-OFDM 16 QAM	1@1	24.94	24.45	27.71	26.21	0.4178
77	30	40	664000	3960	CP-OFDM QPSK	1@1	24.44	25.09	27.79	26.29	0.4256
77	30	40	664000	3960	CP-OFDM 16 QAM	1@1	23.9	24.56	27.25	25.75	0.3758
77	30	50	648334	3725.01	CP-OFDM QPSK	1@1	24.16	24.95	27.58	26.08	0.4055
77	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	23.71	24.42	27.09	25.59	0.3622
77	30	50	656000	3840	CP-OFDM QPSK	1@1	24.96	24.81	27.90	26.4	0.4365
77	30	50	656000	3840	CP-OFDM 16 QAM	1@1	24.51	24.18	27.36	25.86	0.3855
77	30	50	663666	3954.99	CP-OFDM QPSK	1@1	24.41	24.74	27.59	26.09	0.4064

77	30	50	663666	3954.99	CP-OFDM 16 QAM	1@1	24.03	24.04	27.05	25.55	0.3589
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	24.14	24.89	27.54	26.04	0.4018
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	23.65	24.25	26.97	25.47	0.3524
77	30	60	656000	3840	CP-OFDM QPSK	1@1	24.99	24.89	27.95	26.45	0.4416
77	30	60	656000	3840	CP-OFDM 16 QAM	1@1	24.57	24.39	27.49	25.99	0.3972
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	25.07	24.72	27.91	26.41	0.4375
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@1	24.47	23.98	27.24	25.74	0.3750
77	30	70	649000	3735	CP-OFDM QPSK	1@1	24.21	24.84	27.55	26.05	0.4027
77	30	70	649000	3735	CP-OFDM 16 QAM	1@1	23.64	24.3	26.99	25.49	0.3540
77	30	70	656000	3840	CP-OFDM QPSK	1@1	24.91	24.82	27.88	26.38	0.4345
77	30	70	656000	3840	CP-OFDM 16 QAM	1@1	24.38	24.17	27.29	25.79	0.3793
77	30	70	663000	3945	CP-OFDM QPSK	1@1	25.34	24.8	28.09	26.59	0.4560
77	30	70	663000	3945	CP-OFDM 16 QAM	1@1	24.97	24.21	27.62	26.12	0.4093
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	24.16	24.8	27.50	26	0.3981
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	23.68	24.31	27.02	25.52	0.3565
77	30	80	656000	3840	CP-OFDM QPSK	1@1	24.96	24.77	27.88	26.38	0.4345
77	30	80	656000	3840	CP-OFDM 16 QAM	1@1	24.41	24.15	27.29	25.79	0.3793
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	25.08	24.67	27.89	26.39	0.4355
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@1	24.78	24.02	27.43	25.93	0.3917
77	30	90	649668	3745.02	CP-OFDM QPSK	1@1	24.11	24.77	27.46	25.96	0.3945
77	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	23.75	24.33	27.06	25.56	0.3597
77	30	90	656000	3840	CP-OFDM QPSK	1@1	24.84	24.88	27.87	26.37	0.4335
77	30	90	656000	3840	CP-OFDM 16 QAM	1@1	24.33	24.25	27.30	25.8	0.3802
77	30	90	662332	3934.98	CP-OFDM QPSK	1@1	24.66	24.56	27.62	26.12	0.4093
77	30	90	662332	3934.98	CP-OFDM 16 QAM	1@1	24.13	23.87	27.01	25.51	0.3556
77	30	100	650000	3750	CP-OFDM QPSK	137@68	24.96	24.92	27.95	26.45	0.4416
77	30	100	650000	3750	CP-OFDM QPSK	1@1	24.03	24.75	27.42	25.92	0.3908
77	30	100	650000	3750	CP-OFDM QPSK	1@271	25.41	25.13	28.28	26.78	0.4764
77	30	100	650000	3750	CP-OFDM 16 QAM	137@68	24.47	24.34	27.42	25.92	0.3908
77	30	100	650000	3750	CP-OFDM 16 QAM	1@1	23.67	24.26	26.99	25.49	0.3540
77	30	100	650000	3750	CP-OFDM 16 QAM	1@271	24.27	24.41	27.35	25.85	0.3846
77	30	100	650000	3750	CP-OFDM 64 QAM	137@68	22.7	22.54	25.63	24.13	0.2588
77	30	100	650000	3750	CP-OFDM 64 QAM	1@1	21.77	22.25	25.03	23.53	0.2254
77	30	100	650000	3750	CP-OFDM 64 QAM	1@271	22.54	22.58	25.57	24.07	0.2553
77	30	100	650000	3750	CP-OFDM 256 QAM	137@68	22.72	22.57	25.66	24.16	0.2606
77	30	100	650000	3750	CP-OFDM 256 QAM	1@1	17.8	18.6	21.23	19.73	0.0940
77	30	100	650000	3750	CP-OFDM 256 QAM	1@271	18.6	18.98	21.80	20.3	0.1072
77	30	100	656000	3840	CP-OFDM QPSK	137@68	24.87	24.35	27.63	26.13	0.4102
77	30	100	656000	3840	CP-OFDM QPSK	1@1	24.79	24.82	27.82	26.32	0.4285
77	30	100	656000	3840	CP-OFDM QPSK	1@271	24.12	24.4	27.27	25.77	0.3776
77	30	100	656000	3840	CP-OFDM 16 QAM	137@68	24.45	23.94	27.21	25.71	0.3724
77	30	100	656000	3840	CP-OFDM 16 QAM	1@1	24.32	24.15	27.25	25.75	0.3758

77	30	100	656000	3840	CP-OFDM 16 QAM	1@271	23.59	23.7	26.66	25.16	0.3281
77	30	100	656000	3840	CP-OFDM 64 QAM	137@68	22.54	22.17	25.37	23.87	0.2438
77	30	100	656000	3840	CP-OFDM 64 QAM	1@1	22.63	22.31	25.48	23.98	0.2500
77	30	100	656000	3840	CP-OFDM 64 QAM	1@271	21.95	21.92	24.95	23.45	0.2213
77	30	100	656000	3840	CP-OFDM 256 QAM	137@68	18.64	18.22	21.45	19.95	0.0989
77	30	100	656000	3840	CP-OFDM 256 QAM	1@1	18.63	18.64	21.65	20.15	0.1035
77	30	100	656000	3840	CP-OFDM 256 QAM	1@271	17.92	18.16	21.05	19.55	0.0902
77	30	100	662000	3930	CP-OFDM QPSK	137@68	24.67	24.66	27.68	26.18	0.4150
77	30	100	662000	3930	CP-OFDM QPSK	1@1	24.22	24.59	27.42	25.92	0.3908
77	30	100	662000	3930	CP-OFDM QPSK	1@271	25.22	24.64	27.95	26.45	0.4416
77	30	100	662000	3930	CP-OFDM 16 QAM	137@68	24.1	24.13	27.13	25.63	0.3656
77	30	100	662000	3930	CP-OFDM 16 QAM	1@1	23.71	23.93	26.83	25.33	0.3412
77	30	100	662000	3930	CP-OFDM 16 QAM	1@271	24.69	23.98	27.36	25.86	0.3855
77	30	100	662000	3930	CP-OFDM 64 QAM	137@68	22.33	22.38	25.37	23.87	0.2438
77	30	100	662000	3930	CP-OFDM 64 QAM	1@1	21.96	22.08	25.03	23.53	0.2254
77	30	100	662000	3930	CP-OFDM 64 QAM	1@271	22.94	22.54	25.75	24.25	0.2661
77	30	100	662000	3930	CP-OFDM 256 QAM	137@68	18.35	18.41	21.39	19.89	0.0975
77	30	100	662000	3930	CP-OFDM 256 QAM	1@1	17.95	18.35	21.16	19.66	0.0925
77	30	100	662000	3930	CP-OFDM 256 QAM	1@271	18.94	18.76	21.86	20.36	0.1086

FR1 N77 MIMO_ANT 4

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0052	PASS	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0068	PASS	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0029	PASS	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0038	PASS	-30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0046	PASS	-20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0059	PASS	-10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0060	PASS	0°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0024	PASS	10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0052	PASS	20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0031	PASS	30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0053	PASS	40°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0053	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	656000	3840.0	CP-OFDM QPSK	51@0	6.94	13	PASS

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

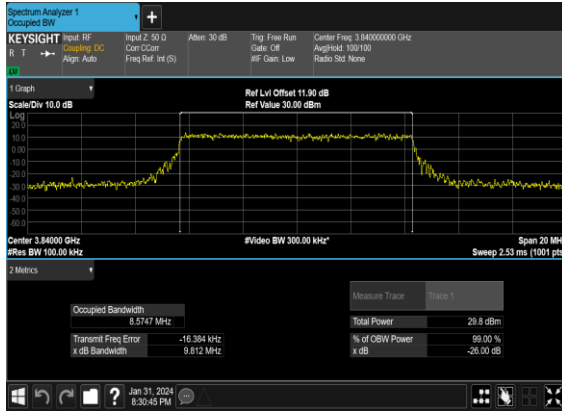


Occupied Bandwidth

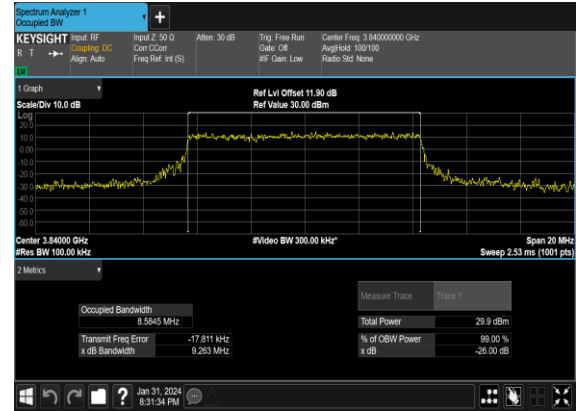
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	656000	3840.0	CP-OFDM QPSK	24@0	8.5747	9.812
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.5845	9.263
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.5798	9.276
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5534	9.358
77	30	15	656000	3840.0	CP-OFDM QPSK	38@0	13.555	14.71
77	30	15	656000	3840.0	CP-OFDM 16 QAM	38@0	13.569	14.76
77	30	15	656000	3840.0	CP-OFDM 64 QAM	38@0	13.613	14.48
77	30	15	656000	3840.0	CP-OFDM 256 QAM	38@0	13.555	14.47
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.231	19.32
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.199	19.3
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.158	19.4
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.25	19.43
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.849	28.87
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.81	29.03
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.863	28.86
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.833	29.28
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.75	39.42
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.846	39.25
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.79	39.54
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.821	39.36
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.492	49.17
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.439	49.28
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.418	48.97
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.252	49.02
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.865	59.58
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.809	60.15
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.894	59.96
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.688	59.65
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.642	69.89
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.583	69.73
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.456	69.53
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.379	69.79
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.501	79.97

77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.366	80.19
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.502	80.09
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.406	79.87
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.438	90.13
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.319	90.25
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.463	90.31
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.302	90.16
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.639	100.7
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.527	100.6
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.681	100.6
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.487	100.5

N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



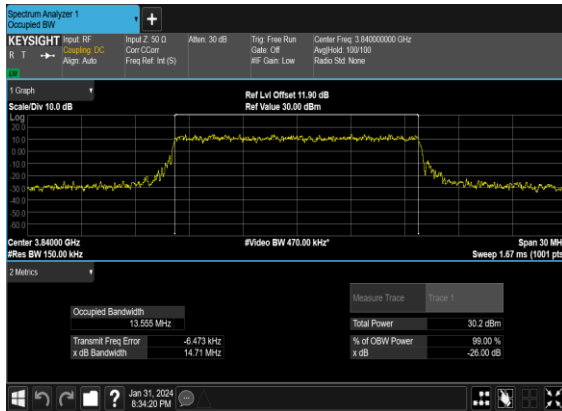
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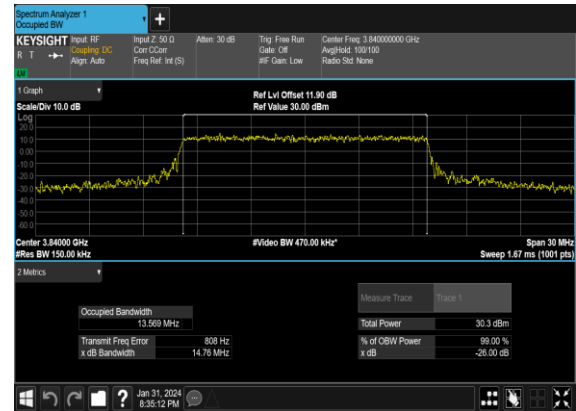
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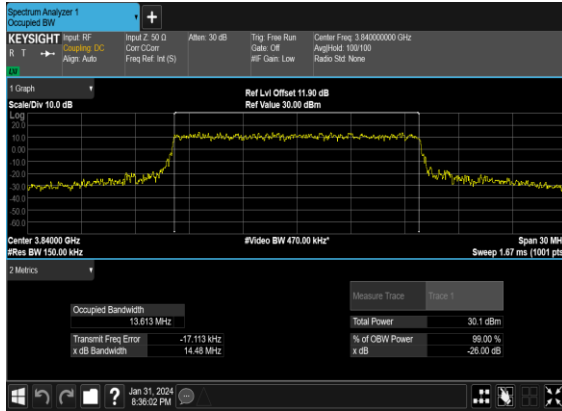
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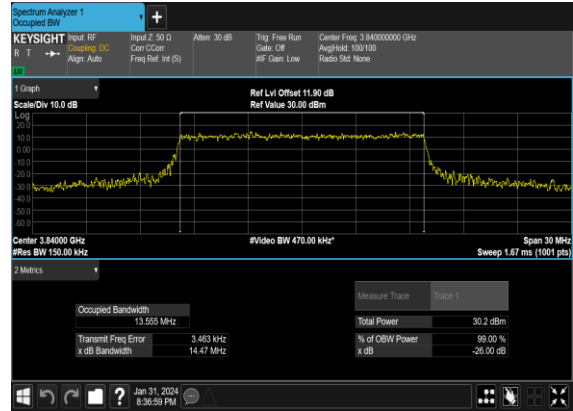
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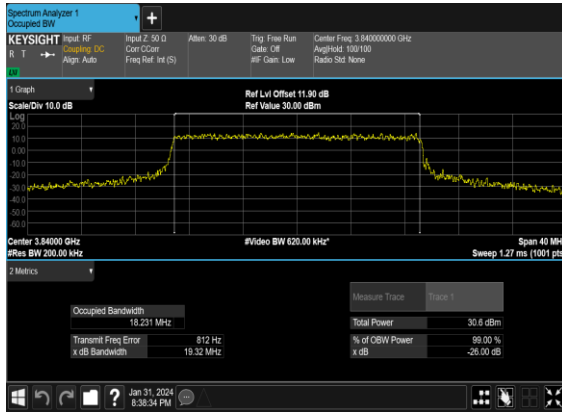
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N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



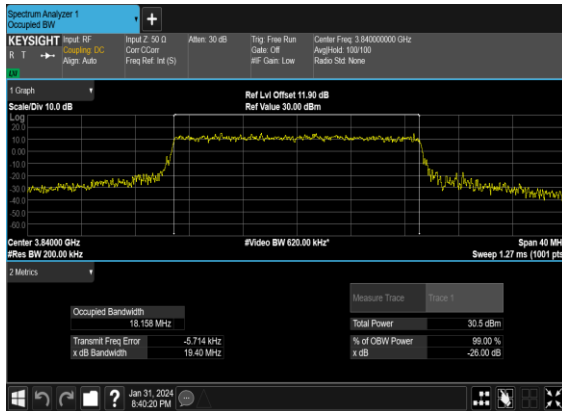
N77(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



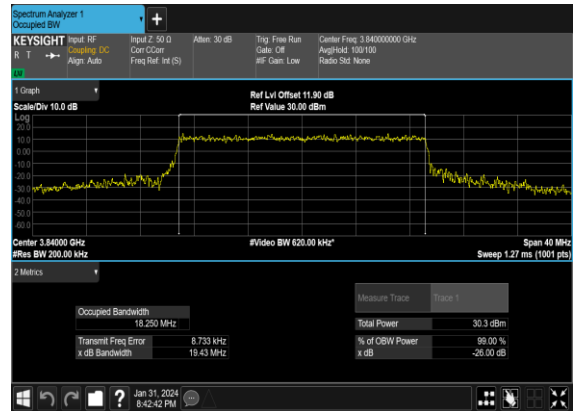
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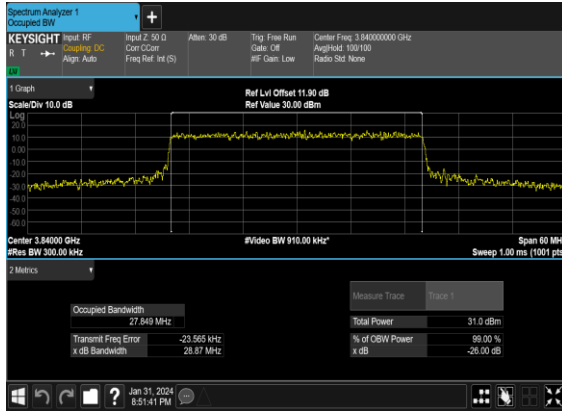
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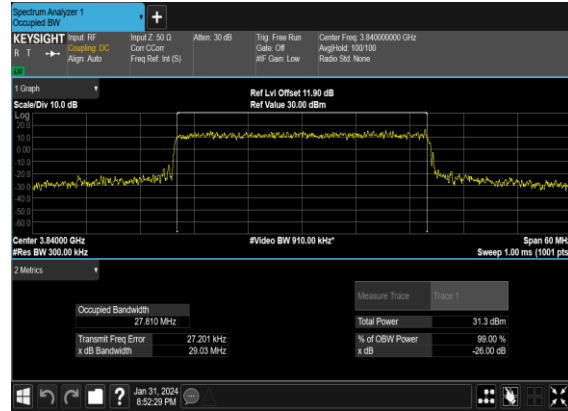
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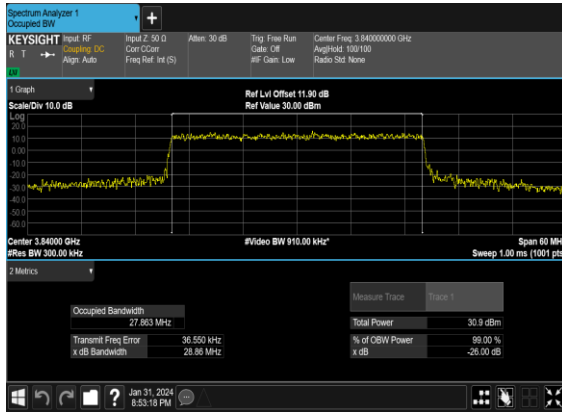
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N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



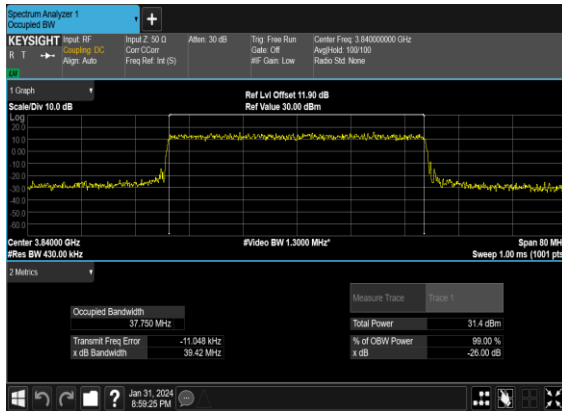
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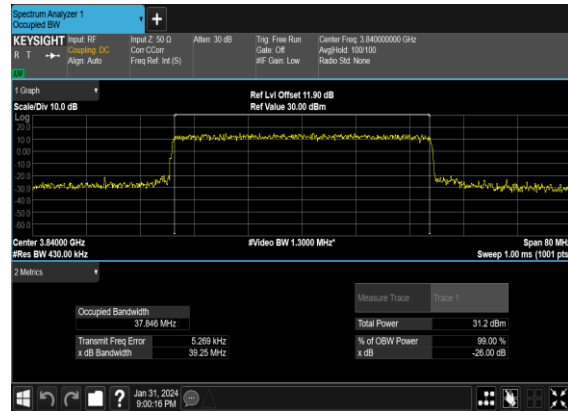
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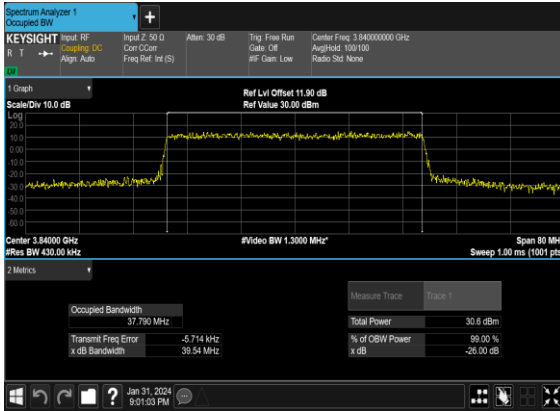
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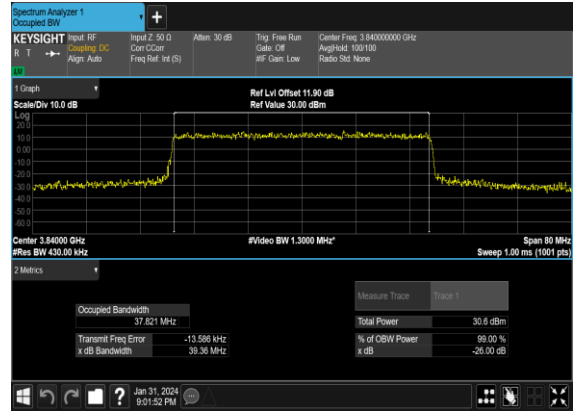
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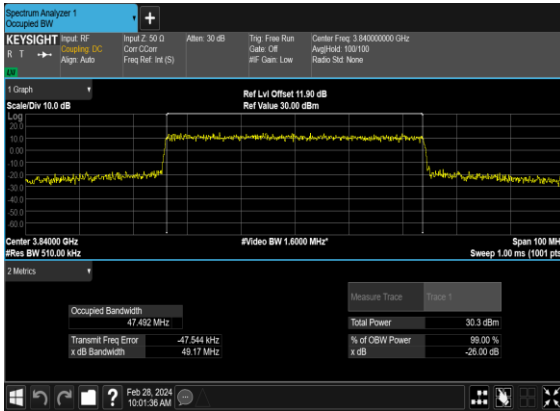
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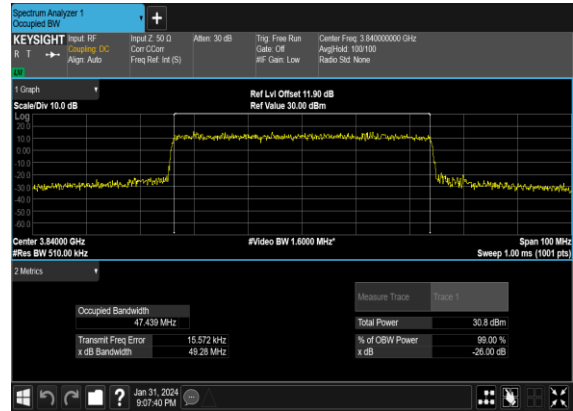
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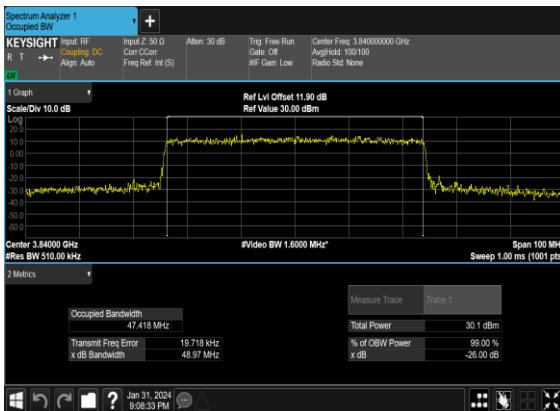
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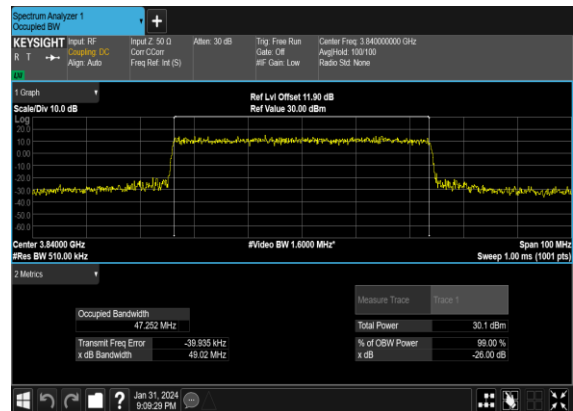
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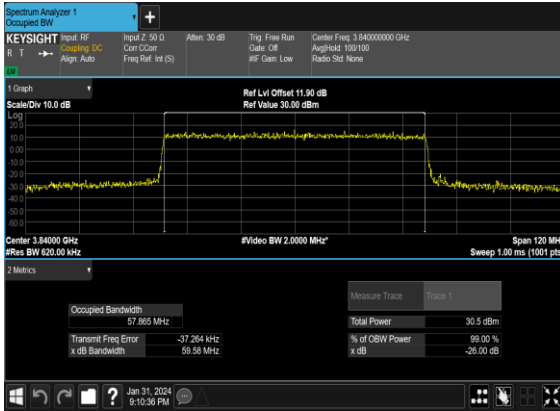
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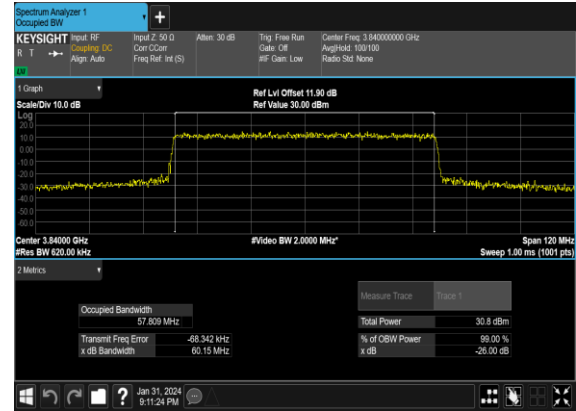
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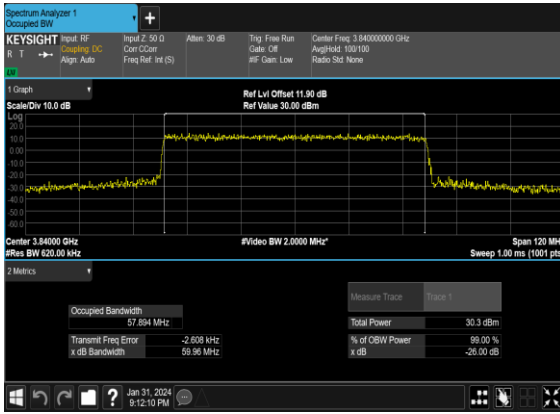
N77(60M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



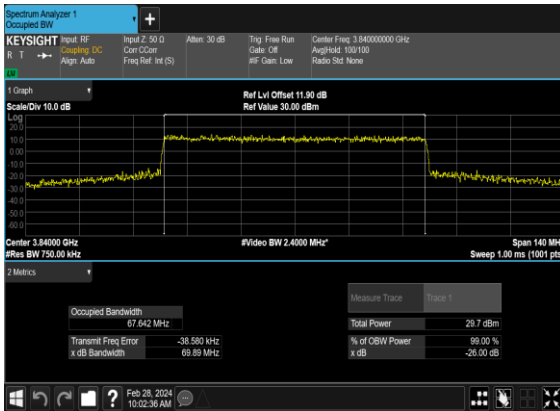
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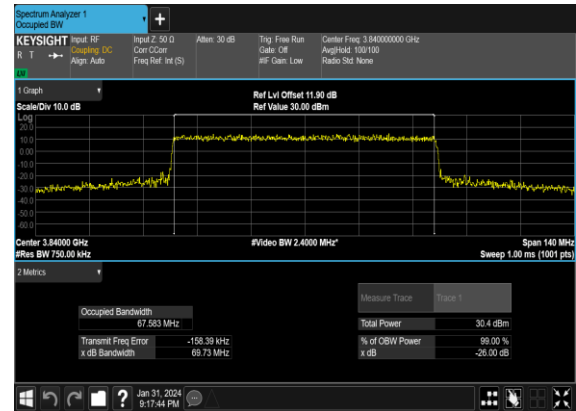
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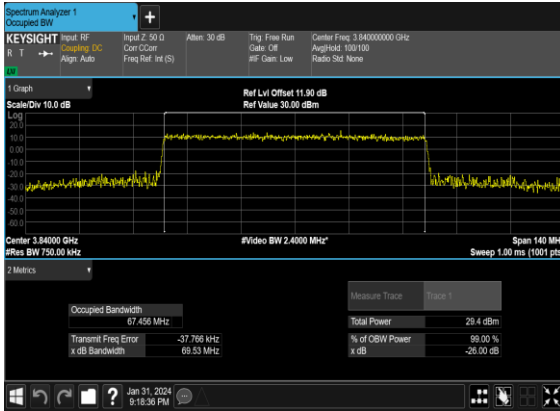
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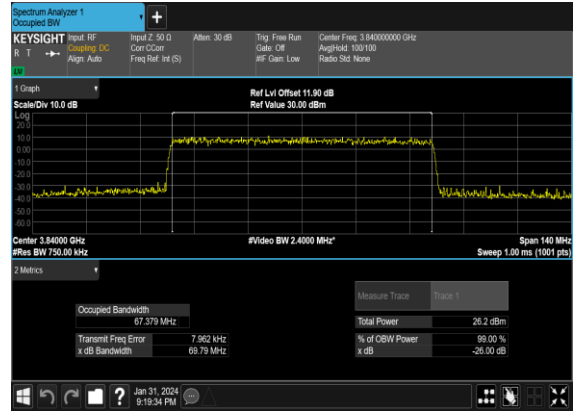
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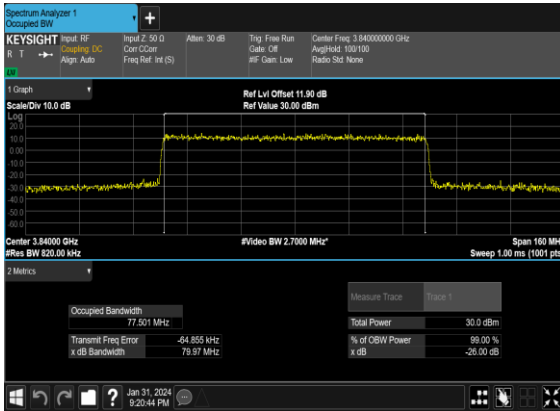
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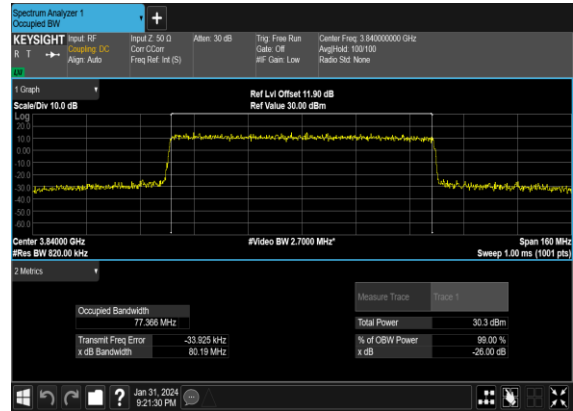
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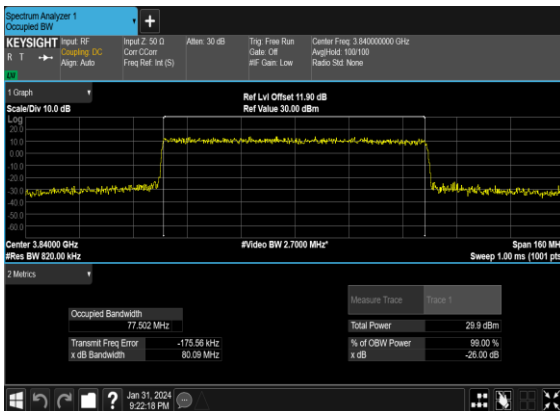
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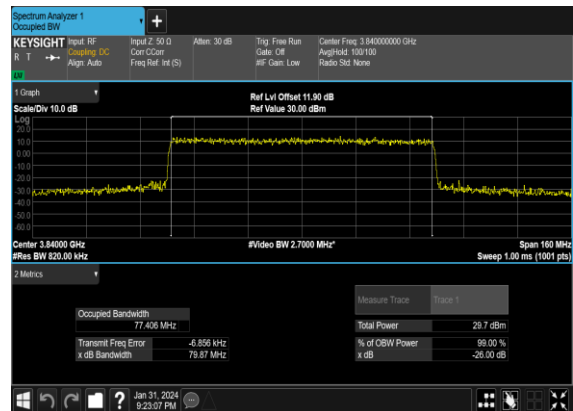
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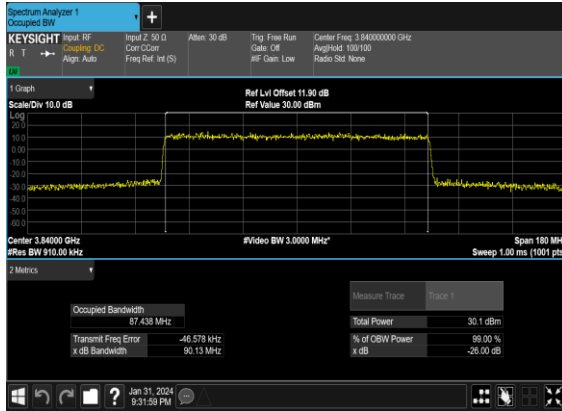
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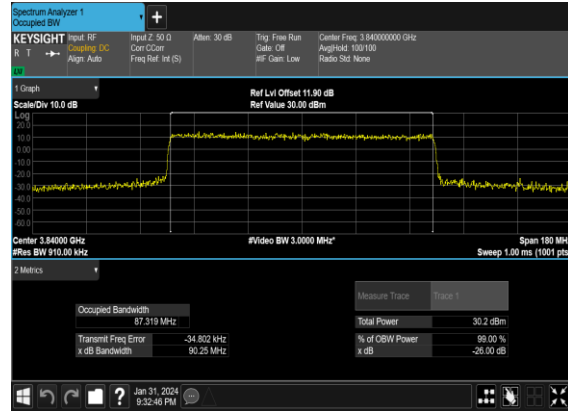
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



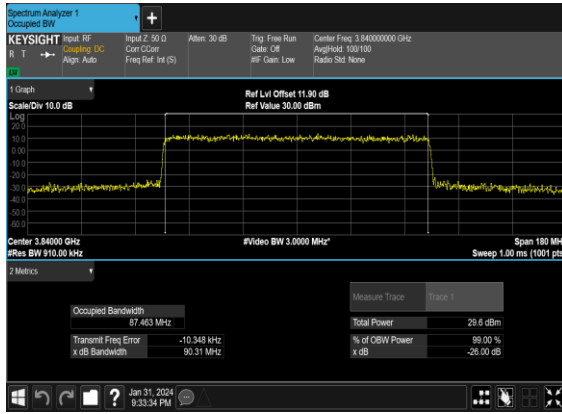
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



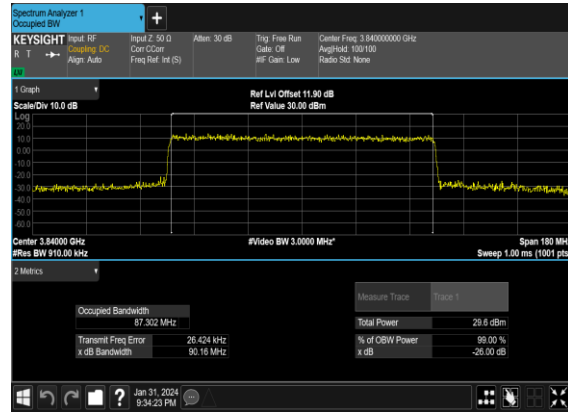
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



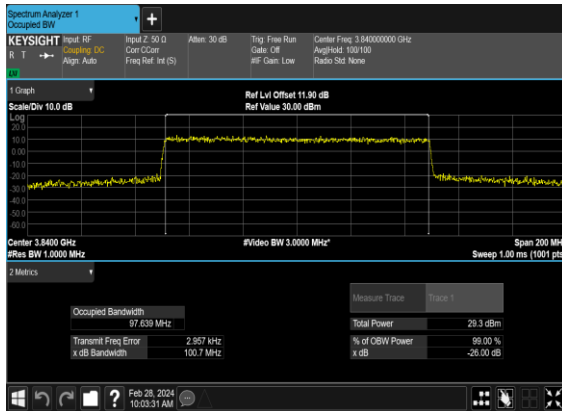
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



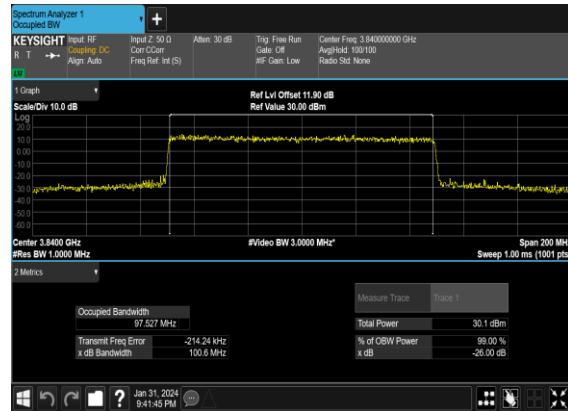
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



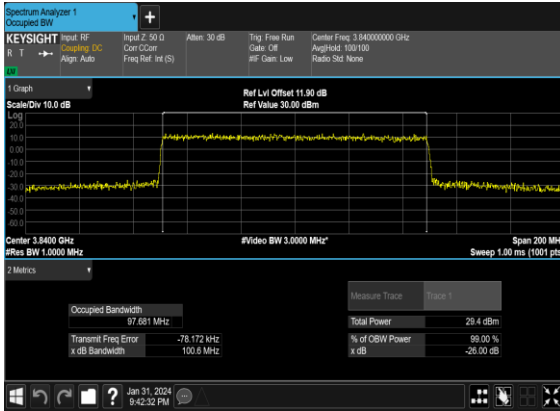
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



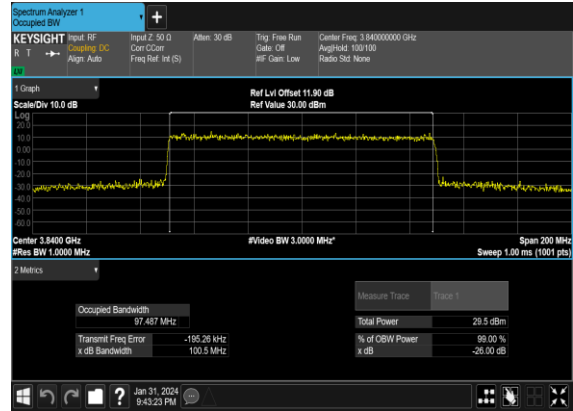
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



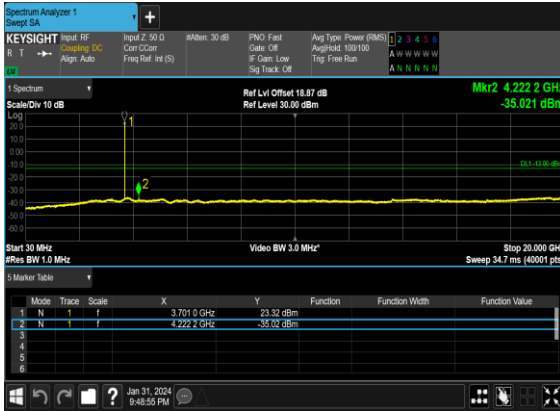
N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



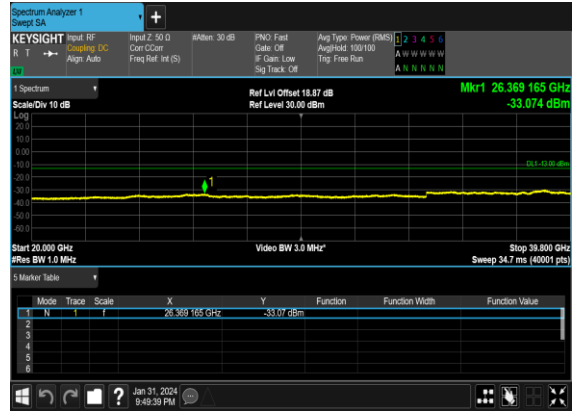
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	---
77	30	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	---
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	---
77	30	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS

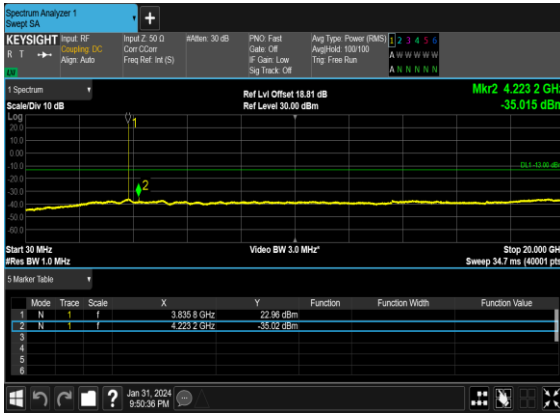
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



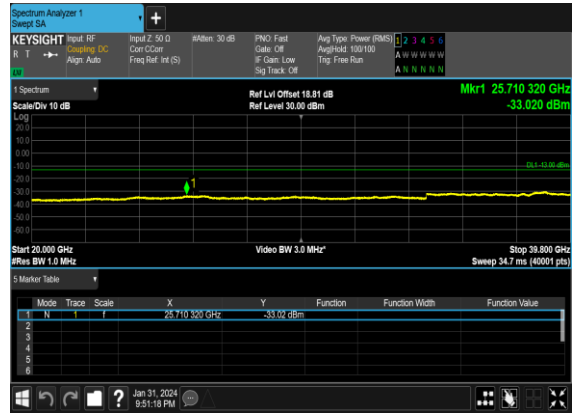
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



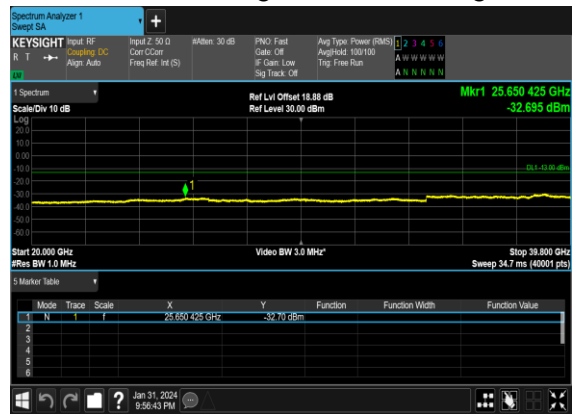
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



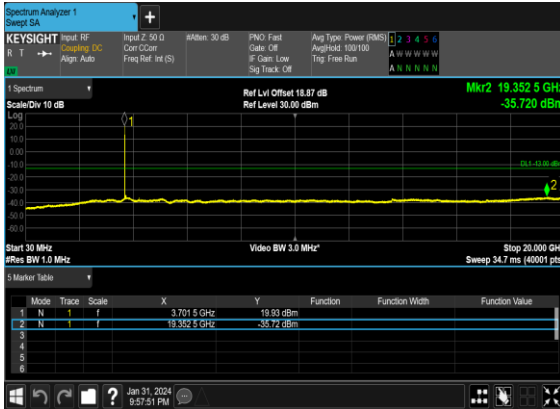
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



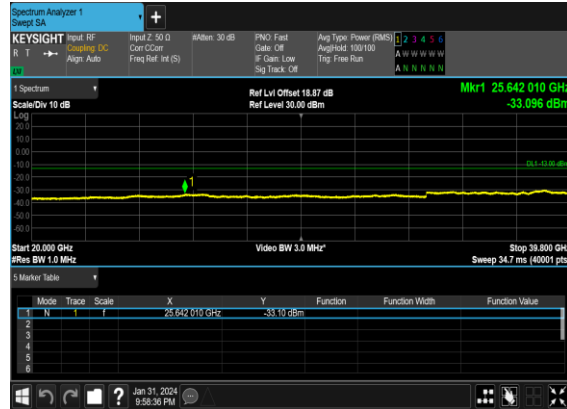
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



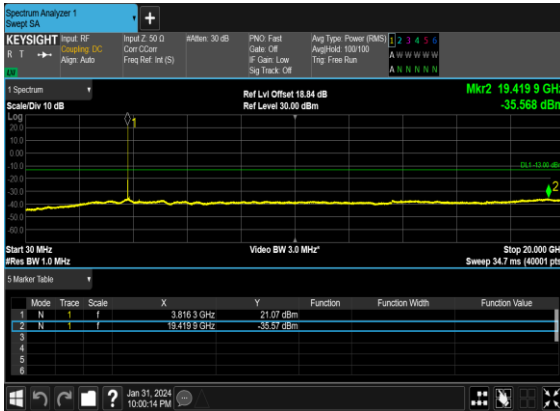
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



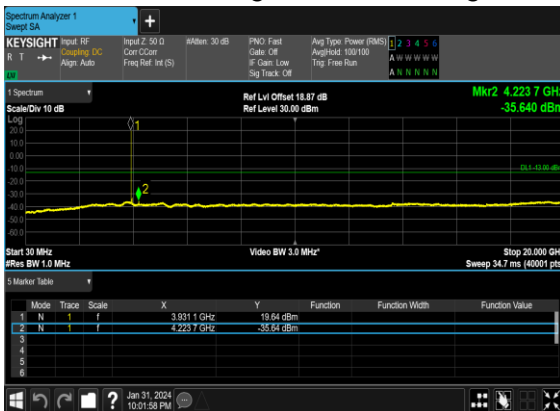
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



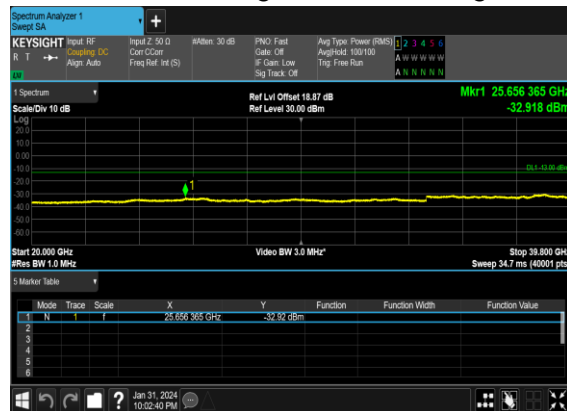
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



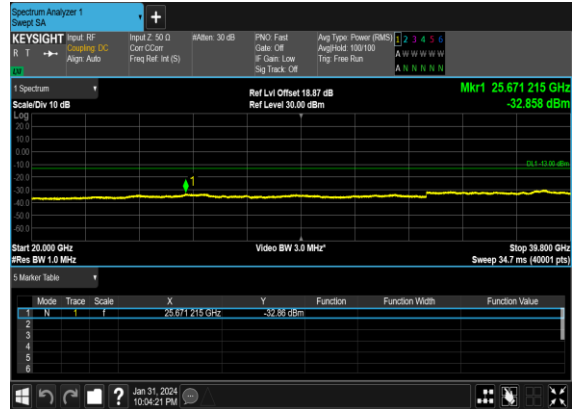
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



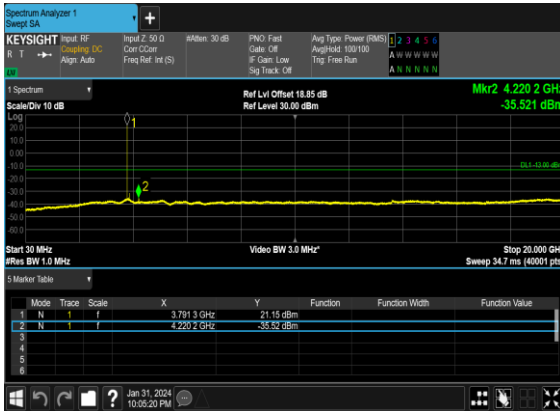
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



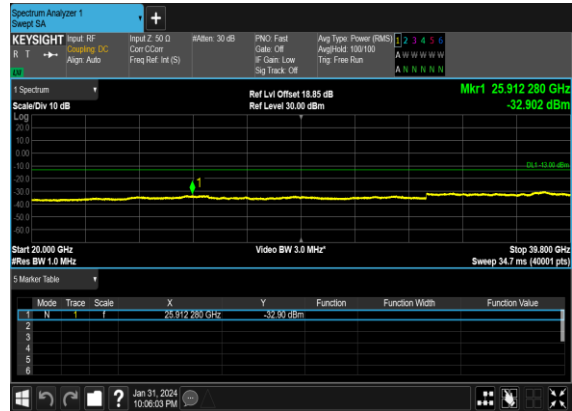
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



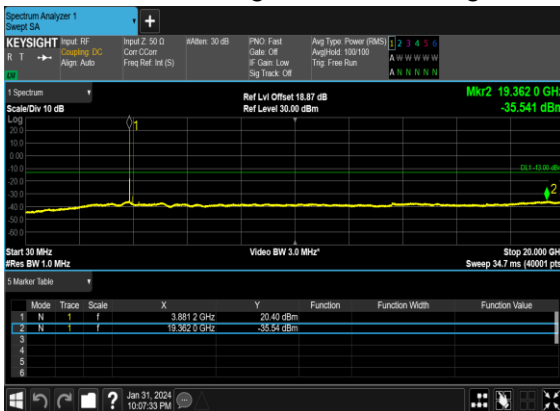
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



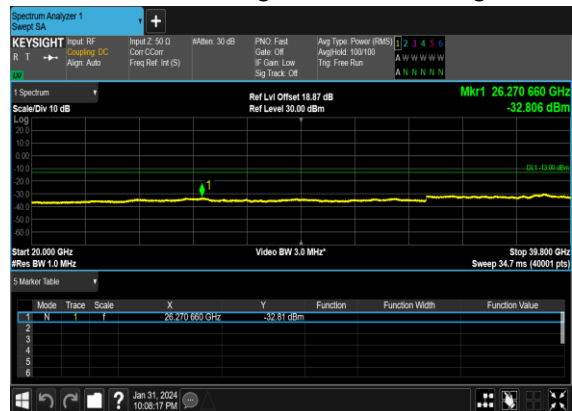
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



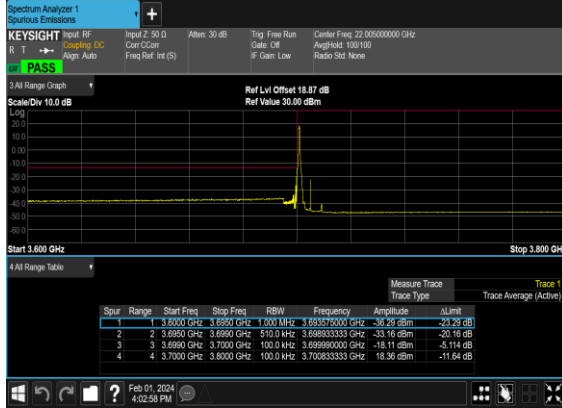
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	CP-OFDM QPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	CP-OFDM QPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	CP-OFDM QPSK	24@0	see graph	PASS
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	CP-OFDM QPSK	133@0	see graph	PASS
77	30	50	663666	3954.99	CP-OFDM QPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	CP-OFDM QPSK	133@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	273@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	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



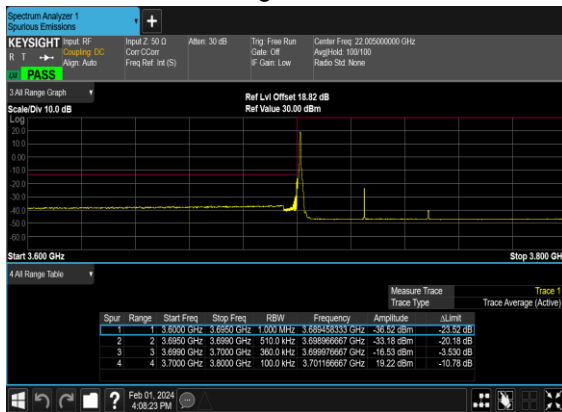
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



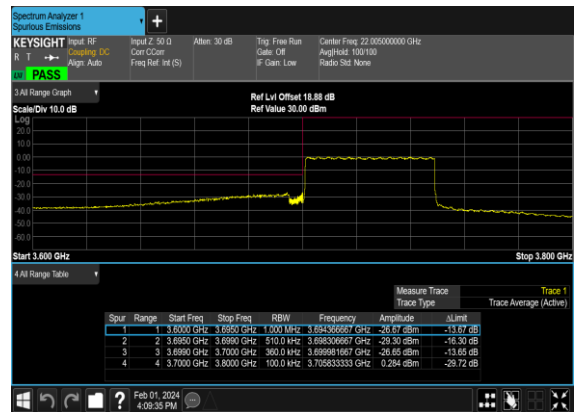
N77(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH



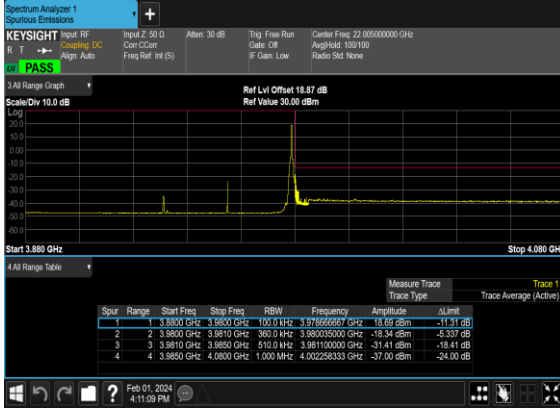
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



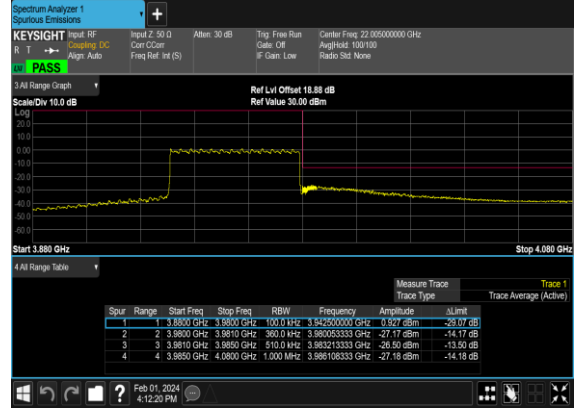
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



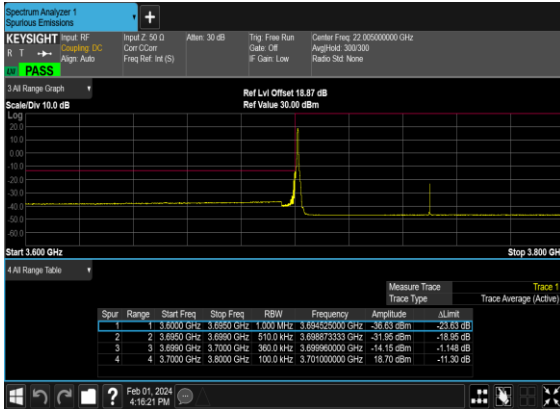
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



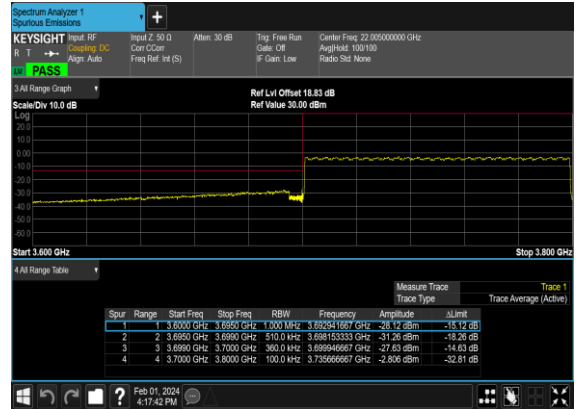
N77(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



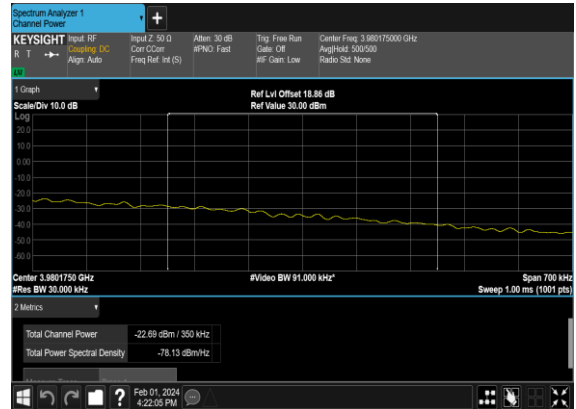
N77(100M)_CP-
-OFDM_QPSK_Outer_Full_Low_CH



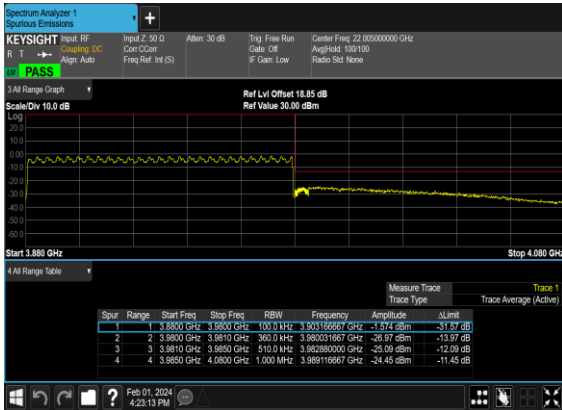
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH CHP_PASS



N77(100M)_CP- OFDM_QPSK_Outer_Full_High_CH



Note: for bandedge item, the “CHP” means channel power integration method.

FR1 N77 MIMO_ANT 7

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0043	PASS	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0023	PASS	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0068	PASS	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0066	PASS	-30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0023	PASS	-20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0045	PASS	-10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0024	PASS	0°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0039	PASS	10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0043	PASS	20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0049	PASS	30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0039	PASS	40°C
77	30	20	656000	3840.0	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	656000	3840.0	CP-OFDM QPSK	51@0	6.69	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	656000	3840.0	CP-OFDM QPSK	24@0	8.5812	9.63
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.5661	9.643
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.5571	9.894
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5846	9.519
77	30	15	656000	3840.0	CP-OFDM QPSK	38@0	13.593	14.67
77	30	15	656000	3840.0	CP-OFDM 16 QAM	38@0	13.592	14.7
77	30	15	656000	3840.0	CP-OFDM 64 QAM	38@0	13.623	14.4
77	30	15	656000	3840.0	CP-OFDM 256 QAM	38@0	13.598	14.57
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.172	19.51
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.249	19.06
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.216	19.24
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.2	19.06
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.815	29.28
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.861	29.09
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.76	29.17
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.865	28.96
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.883	39.39
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.765	39.34
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.861	39.92
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.85	39.38
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.489	49.15
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.508	49.29
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.407	49.01
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.51	49.38
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.876	60.03
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.71	59.89
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.749	59.77
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.955	60.09
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.407	69.69
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.429	69.7
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.355	70.02
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.605	69.72
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.513	79.92

77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.415	79.93
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.478	79.9
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.394	79.85
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.704	90.34
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.729	90.32
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.272	90.12
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.552	90.08
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.388	100.7
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.512	100.7
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.543	100.3
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.402	100.5