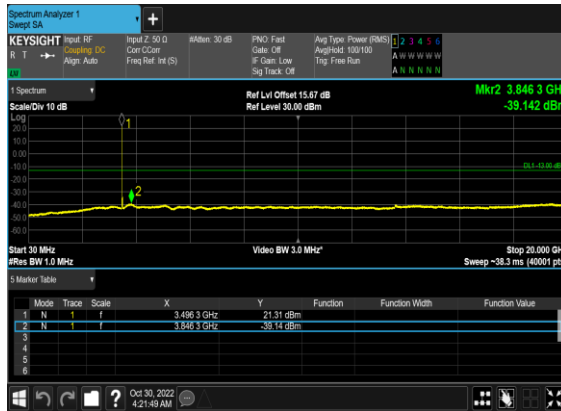
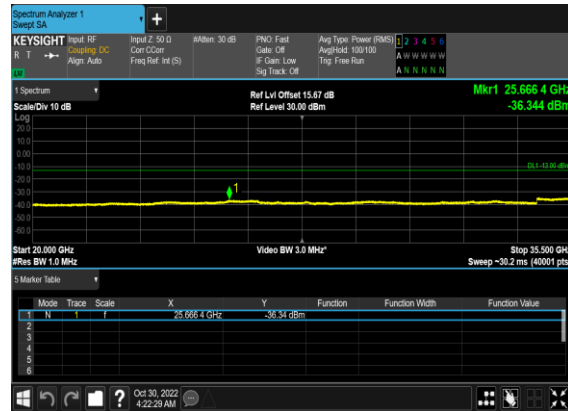


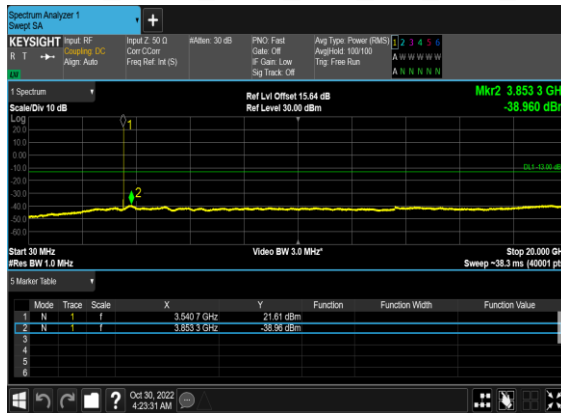
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



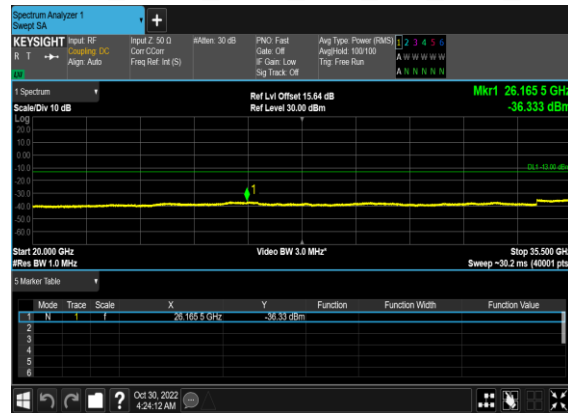
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



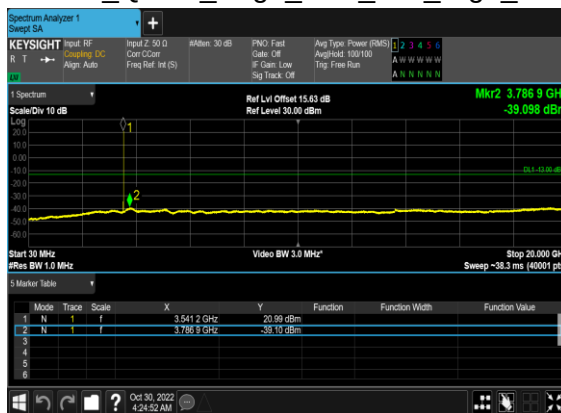
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



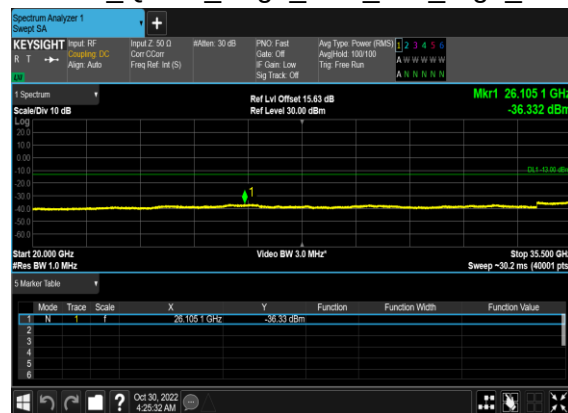
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



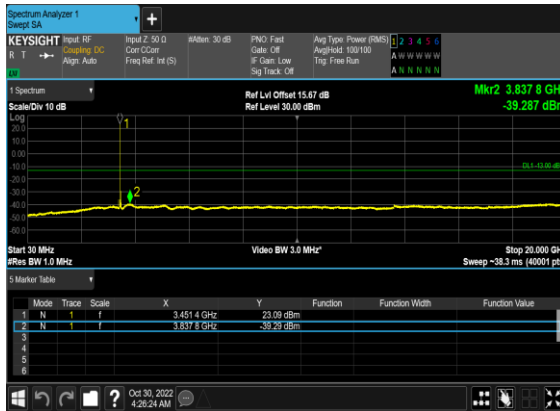
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



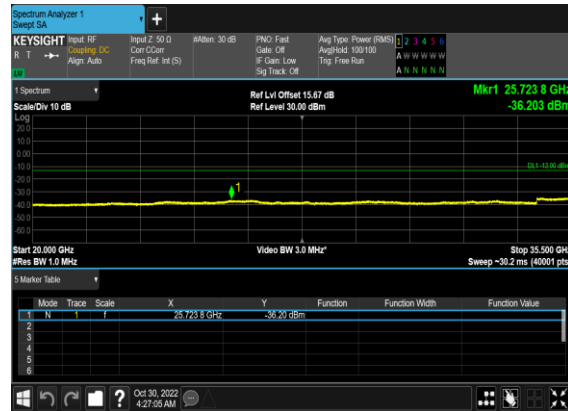
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



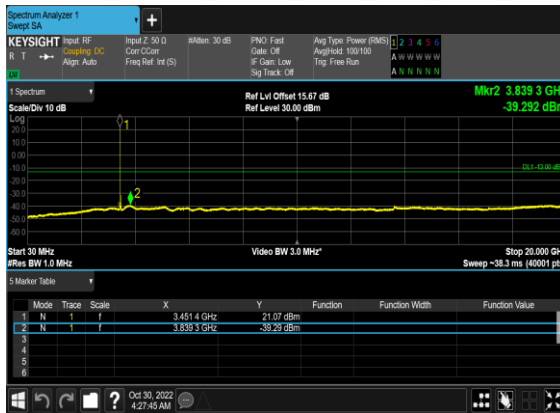
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



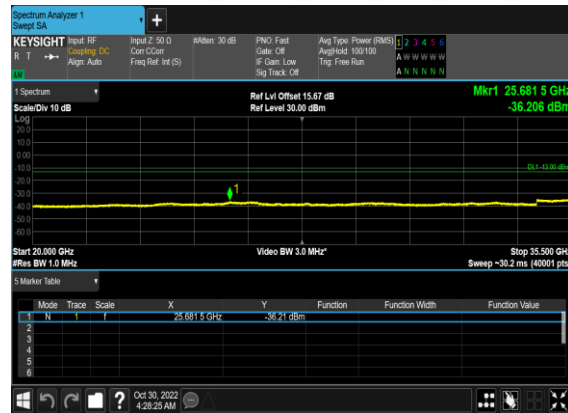
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



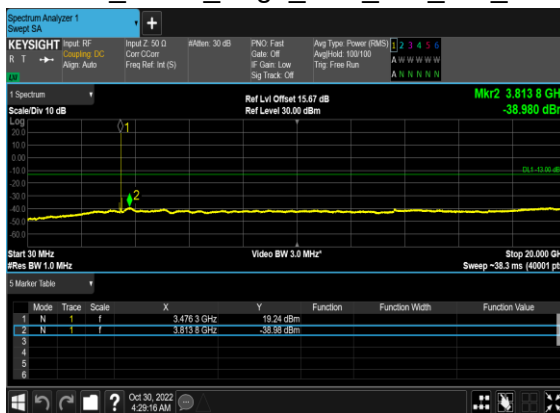
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



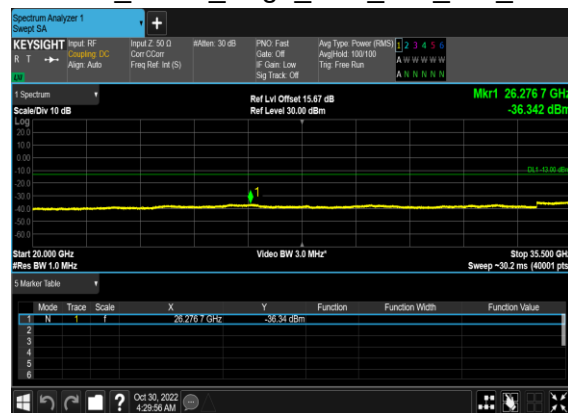
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



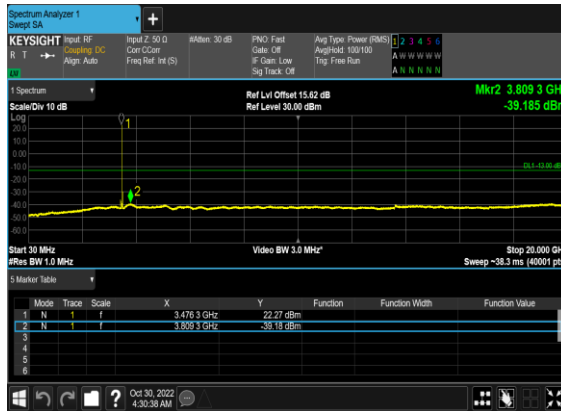
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



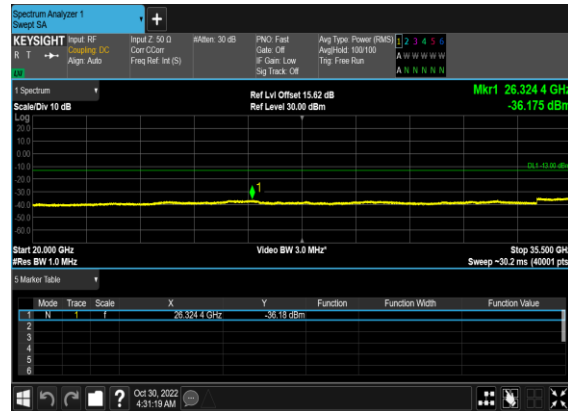
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



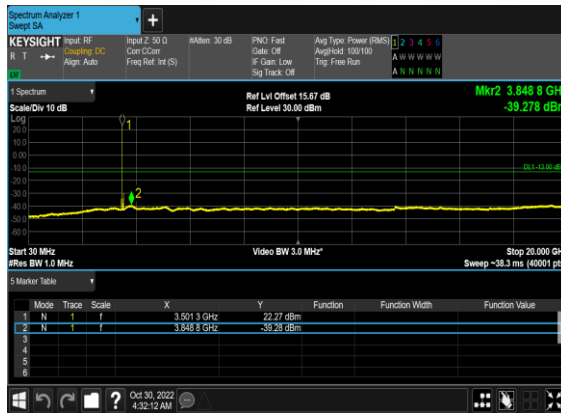
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



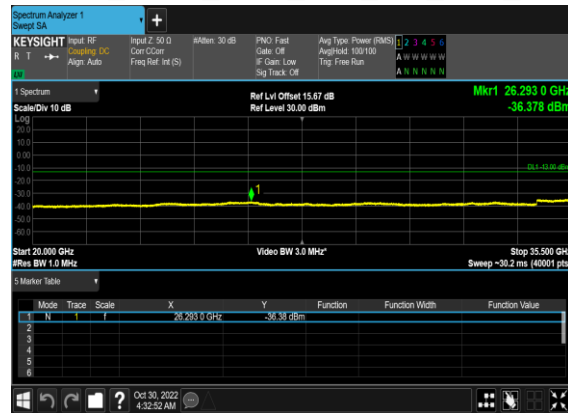
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



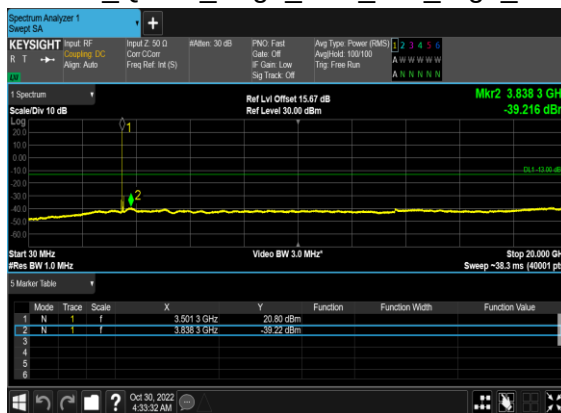
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



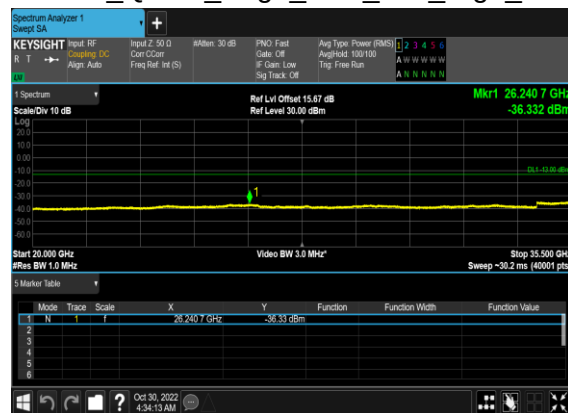
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



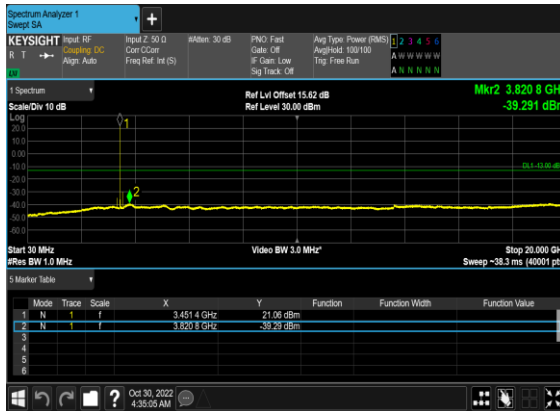
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



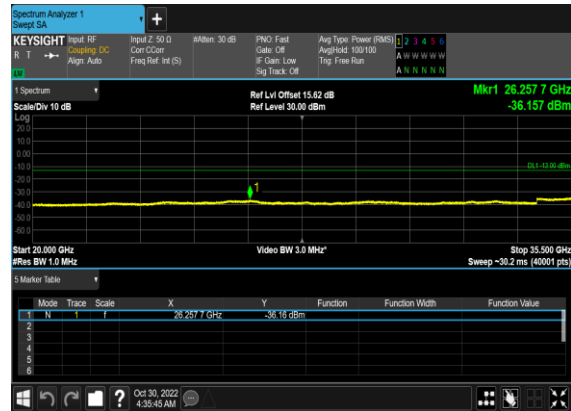
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



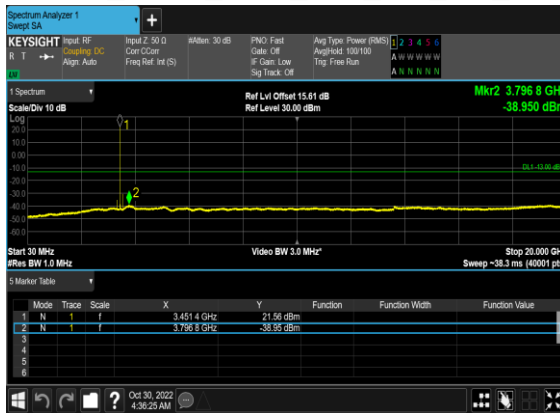
N77(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



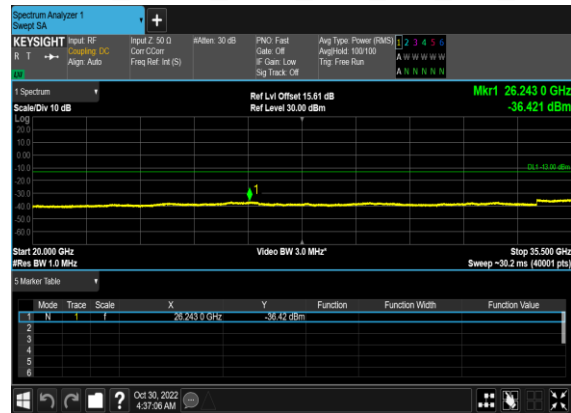
N77(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



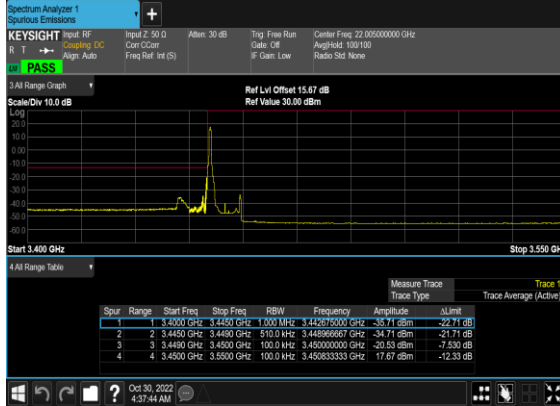
N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



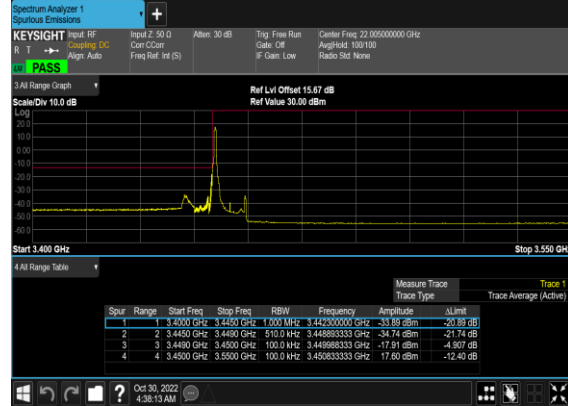
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

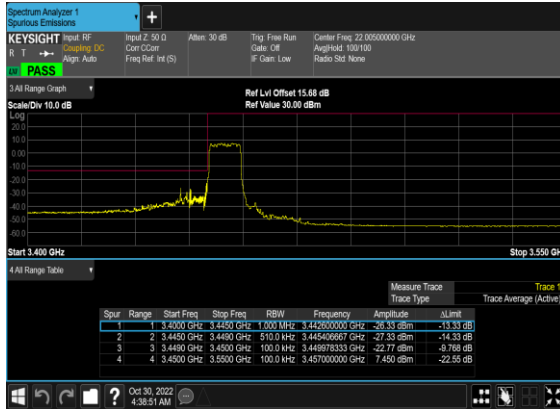
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



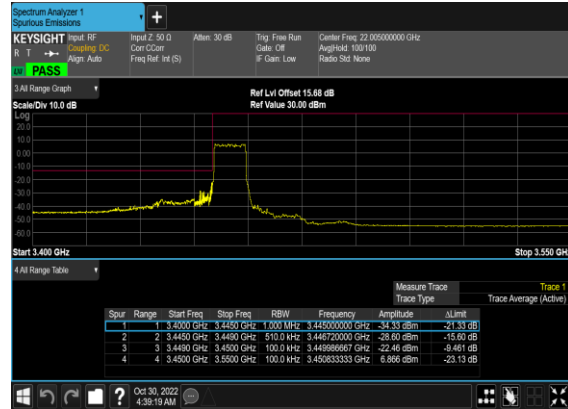
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



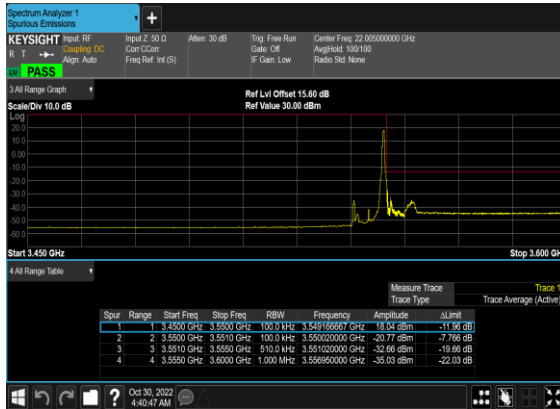
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



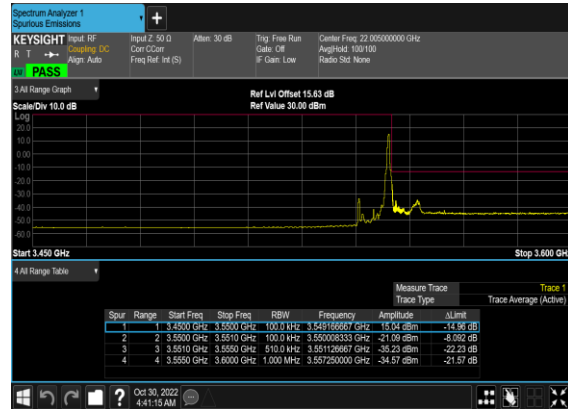
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



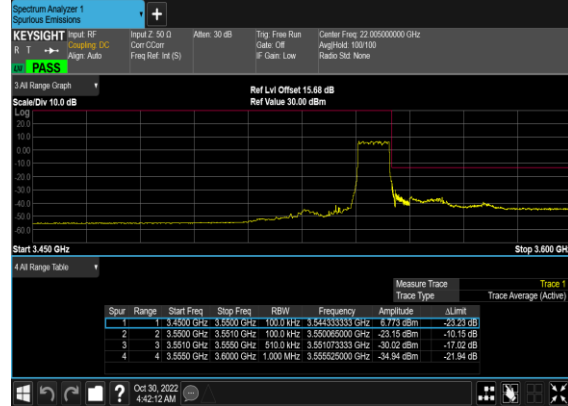
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



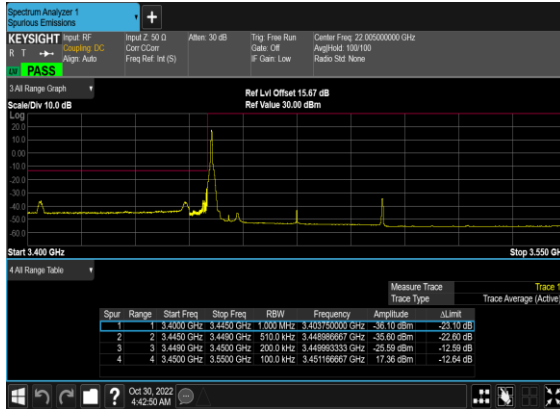
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



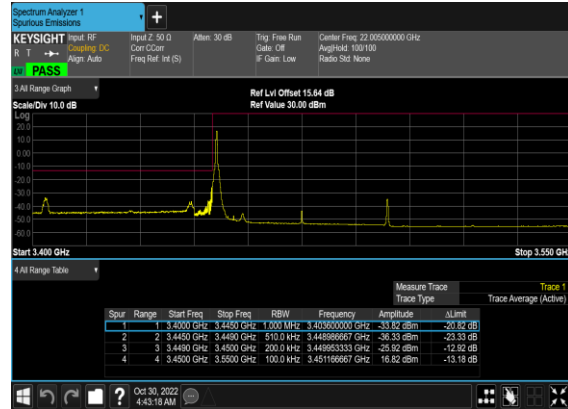
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



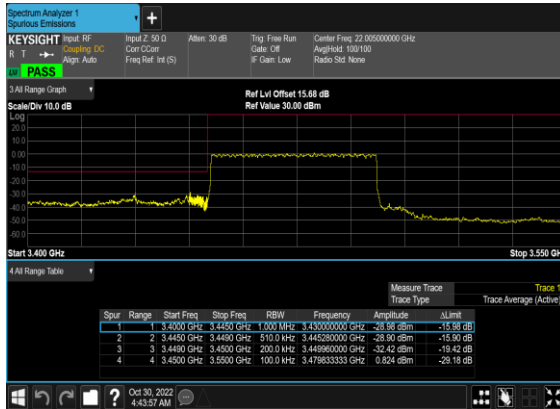
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



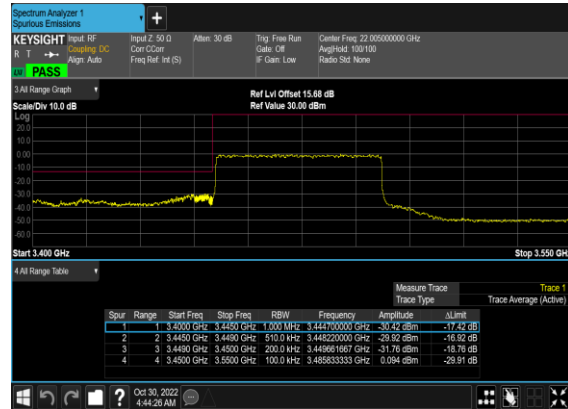
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



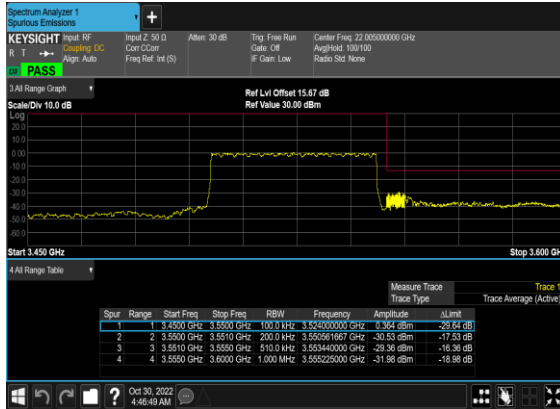
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



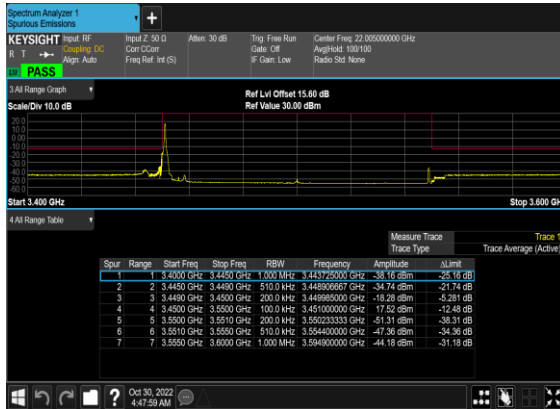
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



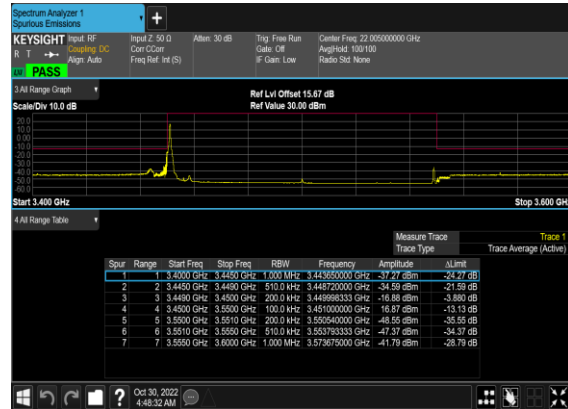
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



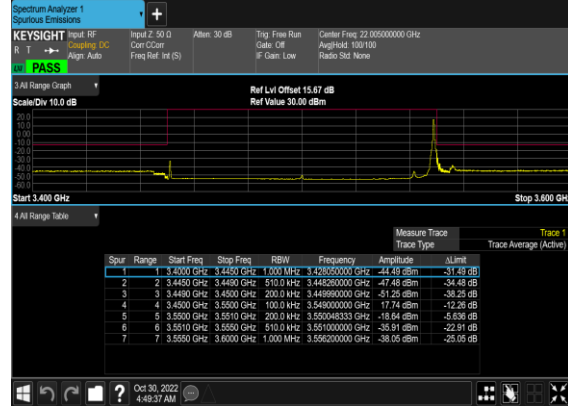
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



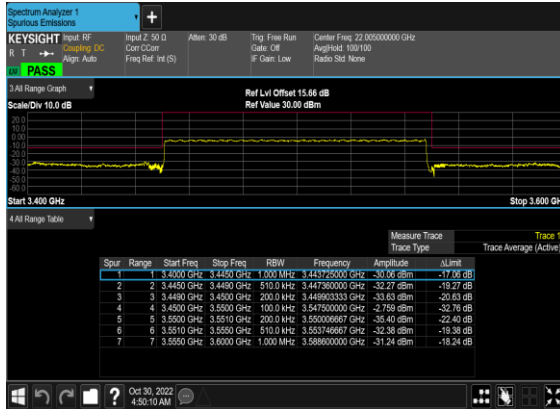
N77(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Mid_CH



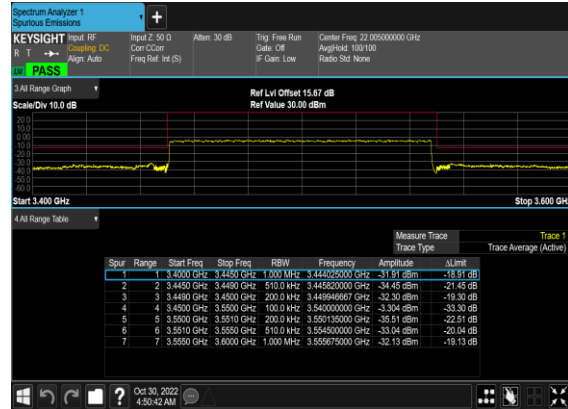
N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s- OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



FR1 N78-ANT3

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-1.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	23.87	22.07	0.1611
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	22.86	21.06	0.1276
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.88	22.08	0.1614
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.93	21.13	0.1297
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	23.84	22.04	0.1600
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	22.92	21.12	0.1294
77	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	23.93	22.13	0.1633
77	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	23.05	21.25	0.1334
77	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.89	22.09	0.1618
77	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.04	21.24	0.1330
77	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	23.91	22.11	0.1626
77	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	23.03	21.23	0.1327
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	23.91	22.11	0.1626
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	23.15	21.35	0.1365
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.96	22.16	0.1644
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.09	21.29	0.1346
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@1	23.93	22.13	0.1633
77	30	20	636000	3540.0	DFT-s-OFDM 16 QAM	1@1	23.07	21.27	0.1340
77	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	23.92	22.12	0.1629
77	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	23.02	21.22	0.1324
77	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.93	22.13	0.1633
77	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.95	21.15	0.1303

77	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	23.94	22.14	0.1637
77	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	22.97	21.17	0.1309
77	30	30	631000	3465.0	DFT-s-OFDM QPSK	1@1	23.96	22.16	0.1644
77	30	30	631000	3465.0	DFT-s-OFDM 16 QAM	1@1	23.19	21.39	0.1377
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.98	22.18	0.1652
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.11	21.31	0.1352
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	23.92	22.12	0.1629
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	23.28	21.48	0.1406
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	23.95	22.15	0.1641
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	23.36	21.56	0.1432
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.91	22.11	0.1626
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.23	21.43	0.1390
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	23.95	22.15	0.1641
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	23.37	21.57	0.1435
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	23.9	22.1	0.1622
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	22.94	21.14	0.1300
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.82	22.02	0.1592
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.86	21.06	0.1276
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@1	23.91	22.11	0.1626
77	30	50	635000	3525.0	DFT-s-OFDM 16 QAM	1@1	22.95	21.15	0.1303
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@1	23.94	22.14	0.1637
77	30	60	632000	3480.0	DFT-s-OFDM 16 QAM	1@1	23.03	21.23	0.1327
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.82	22.02	0.1592
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.89	21.09	0.1285
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	23.97	22.17	0.1648
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	22.98	21.18	0.1312
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	23.87	22.07	0.1611

77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	22.88	21.08	0.1282
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.81	22.01	0.1589
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.84	21.04	0.1271
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	23.82	22.02	0.1592
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	22.85	21.05	0.1274
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	23.87	22.07	0.1611
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	22.85	21.05	0.1274
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.74	21.94	0.1563
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.78	20.98	0.1253
77	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@1	23.77	21.97	0.1574
77	30	80	634000	3510.0	DFT-s-OFDM 16 QAM	1@1	22.78	20.98	0.1253
77	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@1	23.85	22.05	0.1603
77	30	90	633000	3495.0	DFT-s-OFDM 16 QAM	1@1	22.83	21.03	0.1268
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.75	21.95	0.1567
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.79	20.99	0.1256
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	23.77	21.97	0.1574
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	22.79	20.99	0.1256
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	23.7	21.9	0.1549
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.8	22	0.1585
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	23.52	21.72	0.1486
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	23.68	21.88	0.1542
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.99	22.19	0.1656
77	30	100	633334	3d500.01	DFT-s-OFDM QPSK	1@271	23.49	21.69	0.1476
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	22.66	20.86	0.1219
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.92	21.12	0.1294
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	22.69	20.89	0.1227
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	21.16	19.36	0.0863

77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	21.33	19.53	0.0897
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	21.07	19.27	0.0845
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	19.19	17.39	0.0548
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	19.12	17.32	0.0540
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	18.81	17.01	0.0502
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	22.21	20.41	0.1099
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	22.31	20.51	0.1125
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.94	20.14	0.1033

FR1 N77 MIMO-ANT3

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=1.11dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT3 Power(dBm)	ANT8 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.05	24.43	27.76	28.87	0.7709
77	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	23.81	23.32	26.58	27.69	0.5875
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.99	25.36	28.19	29.30	0.8511
77	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.8	24.13	26.98	28.09	0.6442
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.18	24.12	27.69	28.80	0.7586
77	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.36	23.16	26.81	27.92	0.6194
77	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.21	24.57	27.91	29.02	0.7980
77	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.21	23.64	26.94	28.05	0.6383
77	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.27	25.65	28.47	29.58	0.9078
77	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.32	24.68	27.51	28.62	0.7278
77	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.3	25.62	28.47	29.58	0.9078
77	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.35	23.33	26.88	27.99	0.6295
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.23	24.69	27.98	29.09	0.8110
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.14	23.57	26.87	27.98	0.6281
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.26	25.72	28.51	29.62	0.9162
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.09	24.42	27.27	28.38	0.6887
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@1	25.48	24.59	28.07	29.18	0.8279
77	30	20	636000	3540.0	DFT-s-OFDM 16 QAM	1@1	24.42	23.55	27.02	28.13	0.6501
77	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.26	24.66	27.98	29.09	0.8110
77	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.05	23.53	26.81	27.92	0.6194
77	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.31	25.75	28.55	29.66	0.9247
77	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.34	24.81	27.59	28.70	0.7413

77	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	25.54	24.78	28.19	29.30	0.8511
77	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.45	23.77	27.13	28.24	0.6668
77	30	30	631000	3465.0	DFT-s-OFDM QPSK	1@1	25.3	24.81	28.07	29.18	0.8279
77	30	30	631000	3465.0	DFT-s-OFDM 16 QAM	1@1	24.43	23.96	27.21	28.32	0.6792
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.43	25.87	28.67	29.78	0.9506
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.37	24.82	27.61	28.72	0.7447
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.57	24.99	28.30	29.41	0.8730
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.51	23.97	27.26	28.37	0.6871
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.34	24.95	28.16	29.27	0.8453
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.34	23.85	27.11	28.22	0.6637
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.39	25.83	28.63	29.74	0.9419
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.37	24.93	27.67	28.78	0.7551
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.55	25.43	28.50	29.61	0.9141
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.47	24.48	27.49	28.60	0.7244
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.15	24.67	27.93	29.04	0.8017
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.17	23.63	26.92	28.03	0.6353
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.13	25.62	28.39	29.50	0.8913
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.24	24.63	27.45	28.56	0.7178
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.23	25.47	28.36	29.47	0.8851
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.33	24.62	27.49	28.60	0.7244
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@1	25.15	25.45	28.31	29.42	0.8750
77	30	60	632000	3480.0	DFT-s-OFDM 16 QAM	1@1	24.11	23.58	26.86	27.97	0.6266
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.12	25.45	28.30	29.41	0.8730
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.18	24.48	27.34	28.45	0.6998
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.24	25.52	28.39	29.50	0.8913
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.08	24.53	27.32	28.43	0.6966
77	30	70	632334	3519.99	DFT-s-OFDM QPSK	1@1	25.04	24.64	27.85	28.96	0.7870

77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.07	23.62	26.86	27.97	0.6266
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.1	25.28	28.20	29.31	0.8531
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.17	24.19	27.19	28.30	0.6761
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	24.92	25.57	28.27	29.38	0.8670
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	23.91	24.55	27.25	28.36	0.6855
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	24.96	24.54	27.77	28.88	0.7727
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	23.99	23.55	26.79	27.90	0.6166
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	25	25.08	28.05	29.16	0.8241
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.04	24.12	27.09	28.20	0.6607
77	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@1	25.03	25.42	28.24	29.35	0.8610
77	30	80	634000	3510.0	DFT-s-OFDM 16 QAM	1@1	23.94	24.38	27.18	28.29	0.6745
77	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@1	24.94	25.18	28.07	29.18	0.8279
77	30	90	633000	3495.0	DFT-s-OFDM 16 QAM	1@1	23.94	23.46	26.72	27.83	0.6067
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.9	24.84	27.88	28.99	0.7925
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.16	24.05	27.12	28.23	0.6653
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	24.89	25.11	28.01	29.12	0.8166
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	23.95	24.09	27.03	28.14	0.6516
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.45	25.54	28.51	29.62	0.9162
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.24	25.14	28.20	29.31	0.8531
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.26	25.12	28.20	29.31	0.8531
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.39	25.93	28.68	29.79	0.9528
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.3	25.07	28.20	29.31	0.8531
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.36	25.21	28.30	29.41	0.8730
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	23.92	24	26.97	28.08	0.6427
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.75	23.41	26.59	27.70	0.5888
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	23.56	22.39	26.02	27.13	0.5164
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	21.93	22.01	24.98	26.09	0.4064

77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.2	21.66	24.95	26.06	0.4036
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	22	20.72	24.42	25.53	0.3573
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	18.94	19.02	21.99	23.10	0.2042
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.82	18.38	21.62	22.73	0.1875
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	18.61	17.44	21.07	22.18	0.1652
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.39	23.51	26.46	27.57	0.5715
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	23.47	23.13	26.31	27.42	0.5521
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.28	22.04	25.71	26.82	0.4808

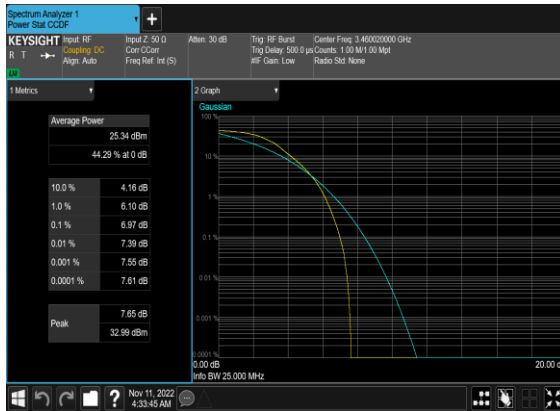
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0056	PASS	NV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0064	PASS	LV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0054	PASS	HV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0061	PASS	-30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0034	PASS	-20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0064	PASS	-10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0048	PASS	0°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0059	PASS	10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0056	PASS	20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0050	PASS	30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0063	PASS	40°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0039	PASS	50°C

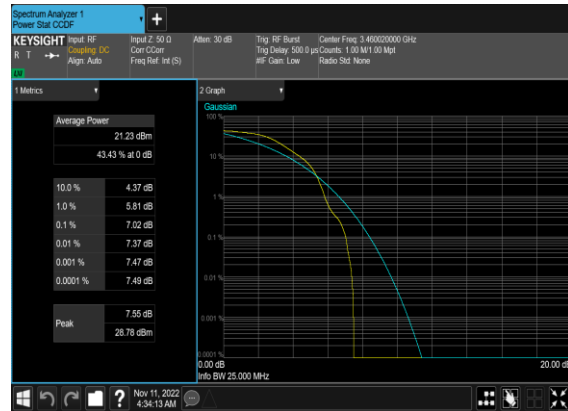
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	50@0	6.97	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@0	7.02	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	7.68	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	6.89	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	7.0	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	7.22	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	7.66	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	7.05	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	50@0	6.81	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	1@0	10.99	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	7.56	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	6.58	13	PASS

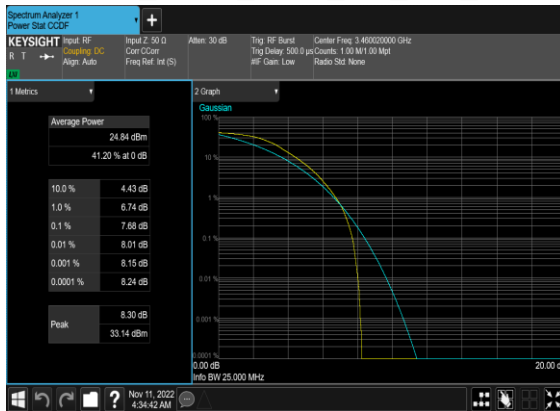
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



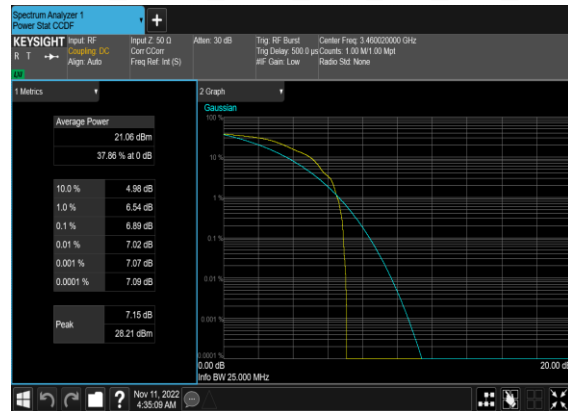
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



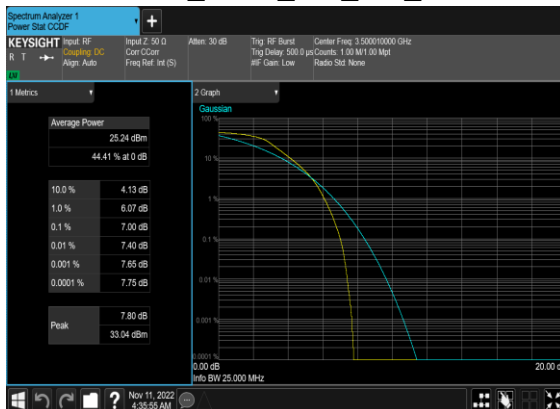
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



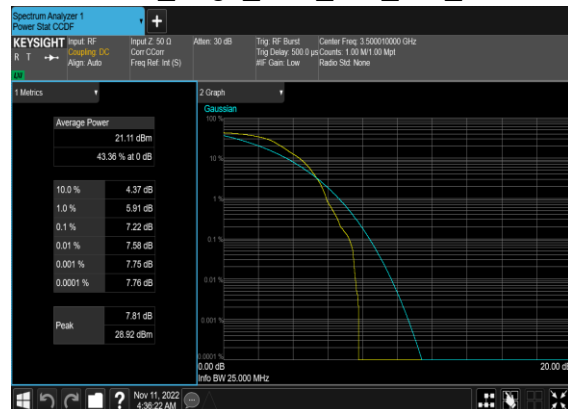
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



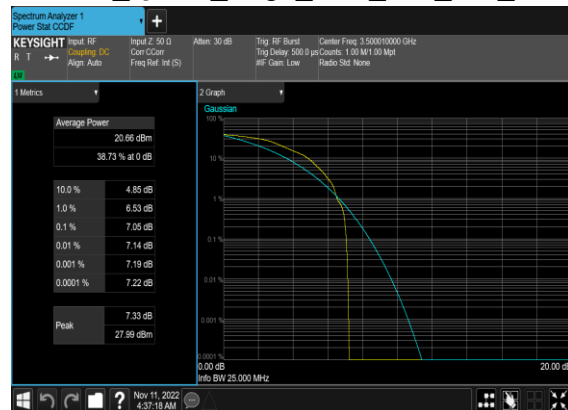
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



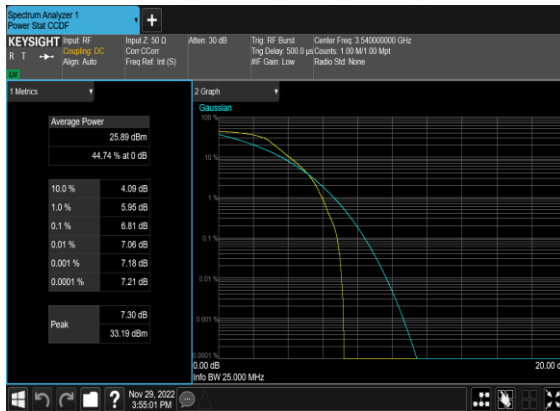
N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



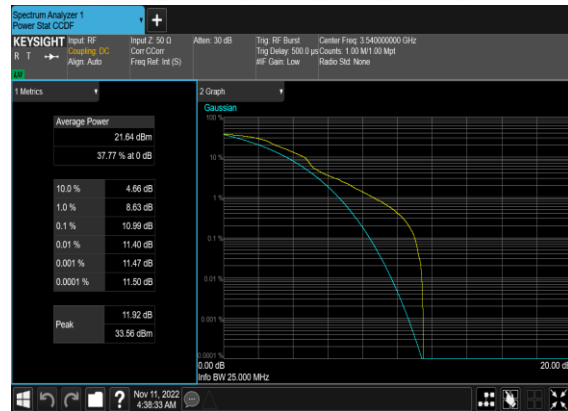
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



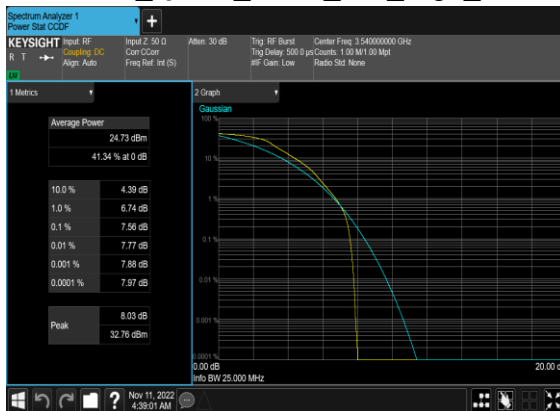
N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



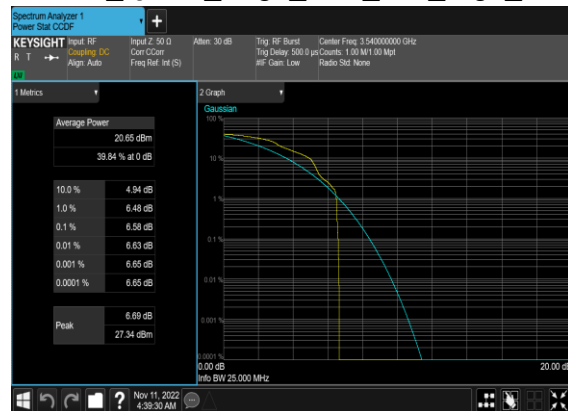
N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	24@0	8.5977	9.842
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	24@0	8.5808	9.678
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.6109	9.908
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.6139	9.801
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.592	9.629
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.6134	9.78
77	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	36@0	12.834	14.08
77	30	15	633334	3500.01	DFT-s-OFDM QPSK	36@0	12.844	14.08
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.588	15.06
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.587	14.97
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.588	14.84
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.579	15.01
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	17.817	19.19
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.812	19.24
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.232	19.76
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.192	19.6
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.217	19.74
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.248	19.74
77	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	64@0	22.769	24.02
77	30	25	633334	3500.01	DFT-s-OFDM QPSK	64@0	22.792	24.34
77	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.22	24.91
77	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.211	24.8
77	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.191	24.76
77	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.232	24.67
77	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	75@0	26.791	28.2

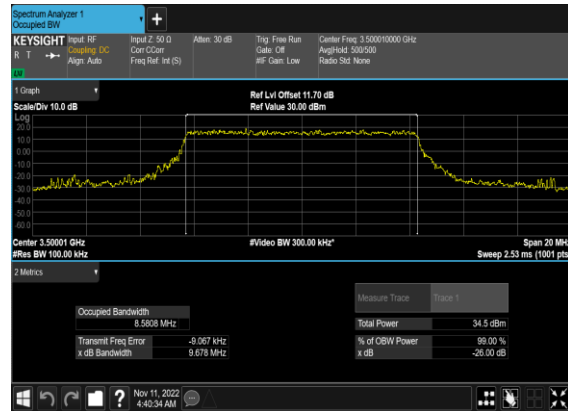
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	26.758	28.17
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.92	29.89
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.875	29.55
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.796	29.24
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.873	29.64
77	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	100@0	35.74	37.46
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	100@0	35.648	37.31
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.767	39.52
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.823	39.56
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.838	39.66
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.843	39.46
77	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	128@0	45.808	47.5
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	128@0	45.769	47.61
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.432	49.59
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.578	49.57
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.436	49.47
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.446	49.34
77	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	162@0	57.911	59.83
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	162@0	57.937	59.86
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.792	59.86
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.79	60.29
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.846	59.93
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.828	60.19
77	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	180@0	64.429	66.39
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	180@0	64.393	66.57
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.542	69.94
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.579	70.01

77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.437	70.06
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.438	69.71
77	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	216@0	77.186	80.02
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	216@0	77.262	79.77
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.51	80.21
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.404	80.2
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.638	80.22
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.515	80.1
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	240@0	85.874	88.8
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	240@0	85.807	88.6
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.482	90.32
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.491	90.28
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.472	90.29
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.602	90.62
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	96.398	99.48
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	96.47	99.44
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.512	100.9
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.446	100.5
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.51	100.6
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.397	100.6

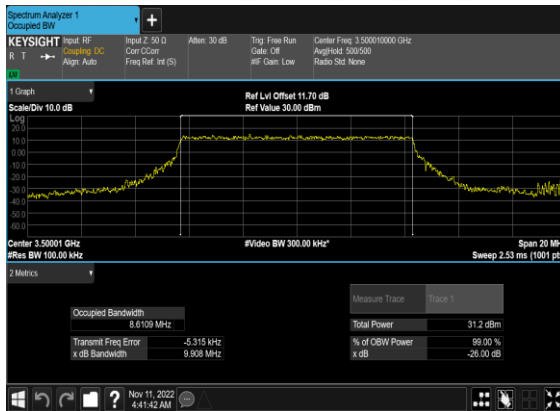
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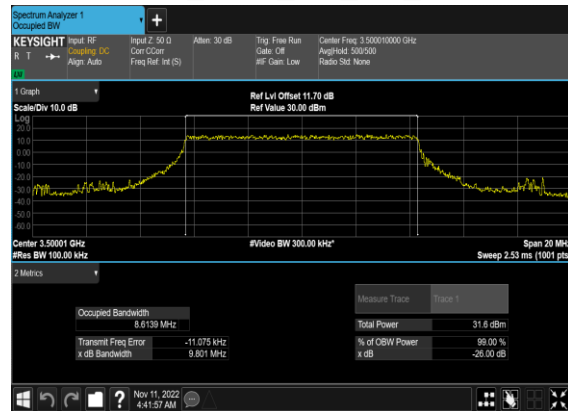
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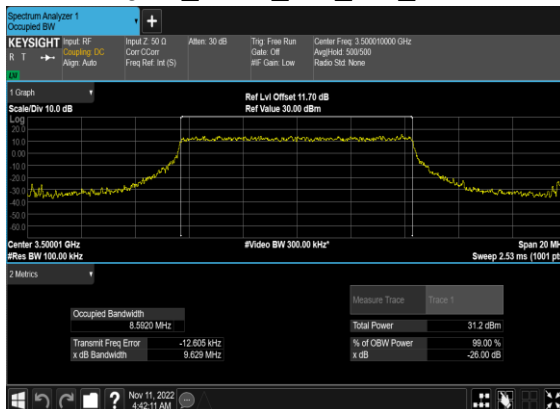
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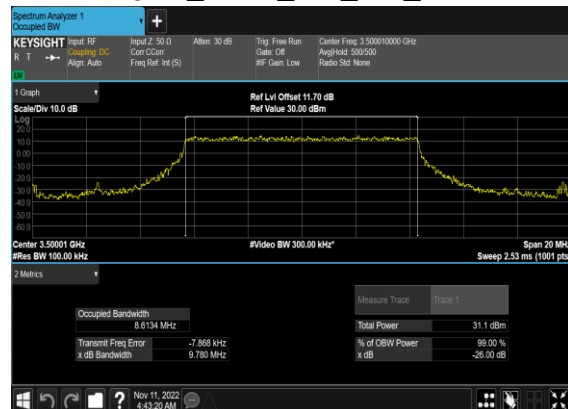
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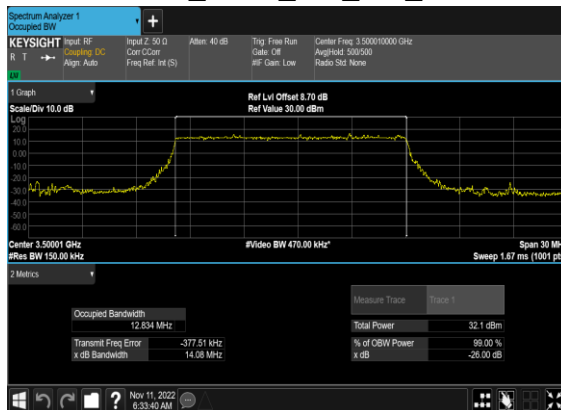
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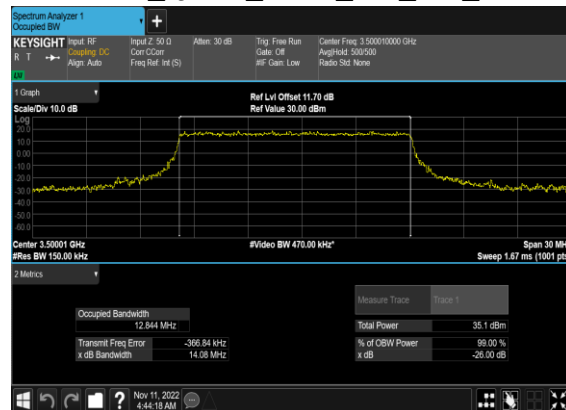
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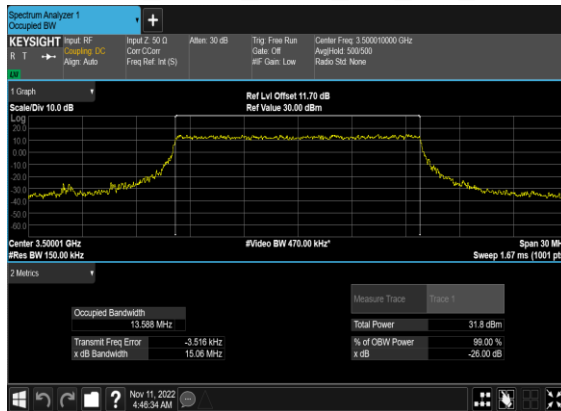
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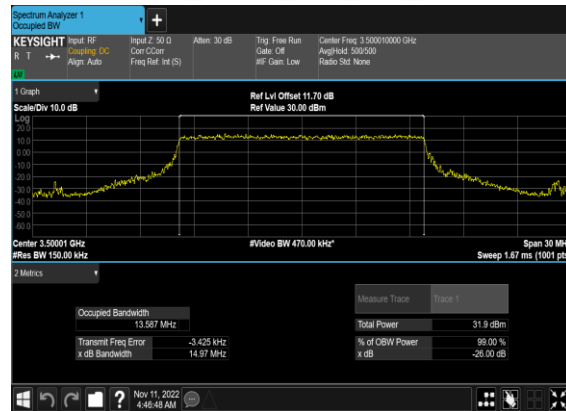
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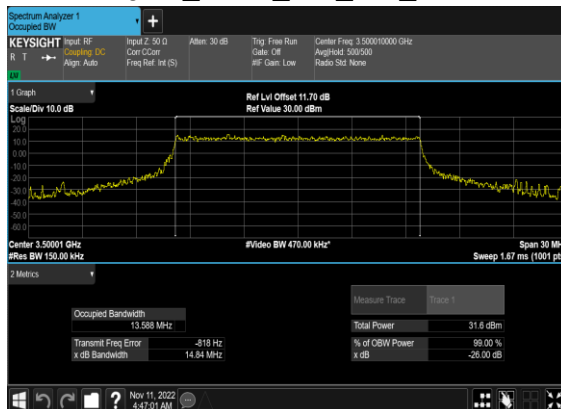
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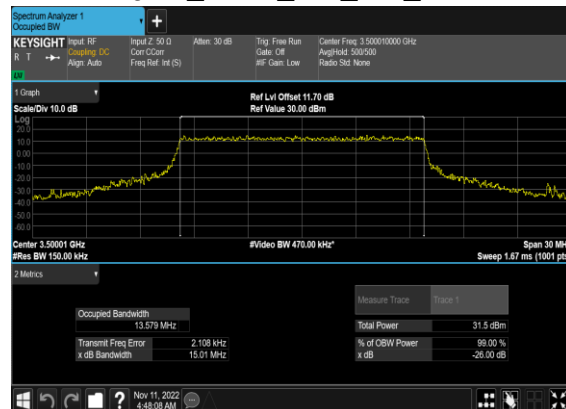
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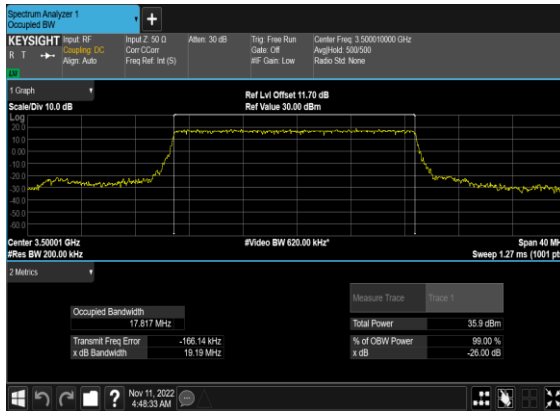
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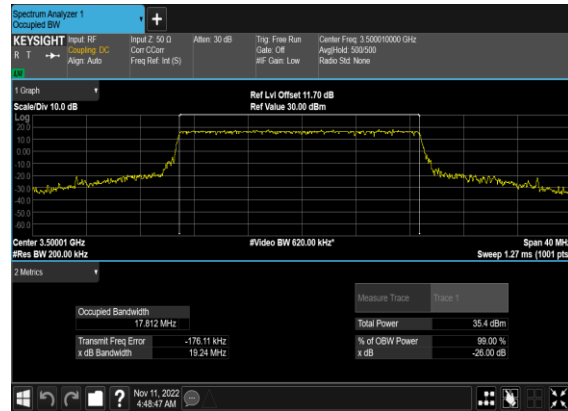
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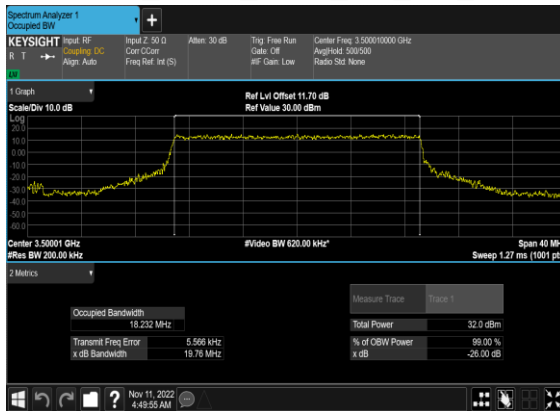
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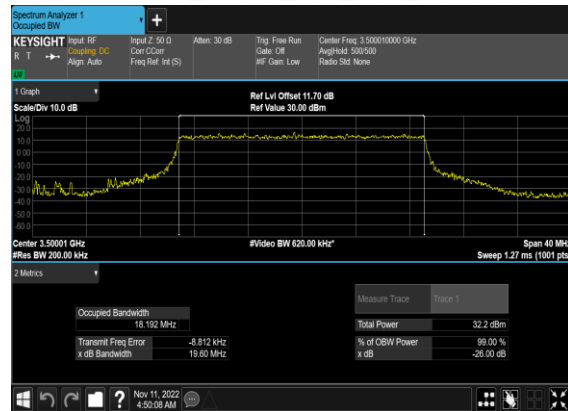
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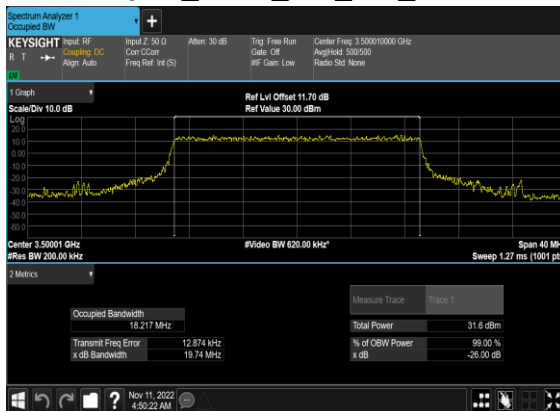
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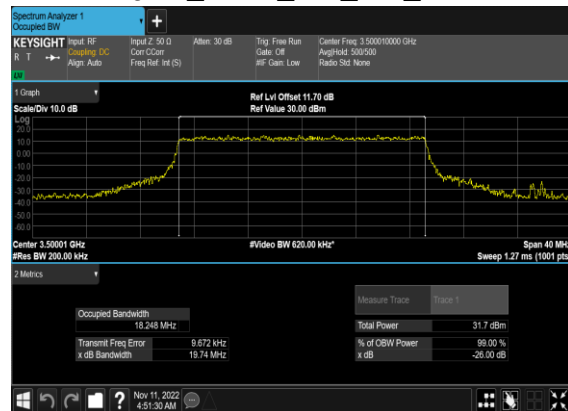
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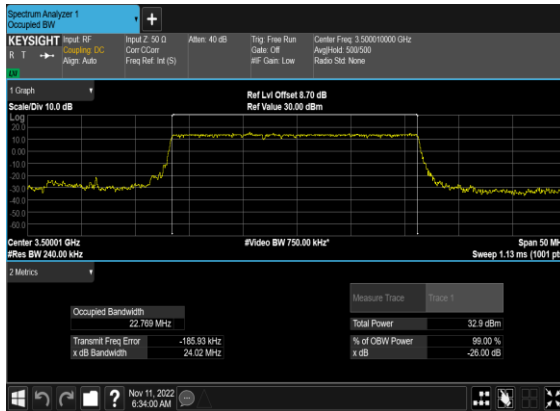
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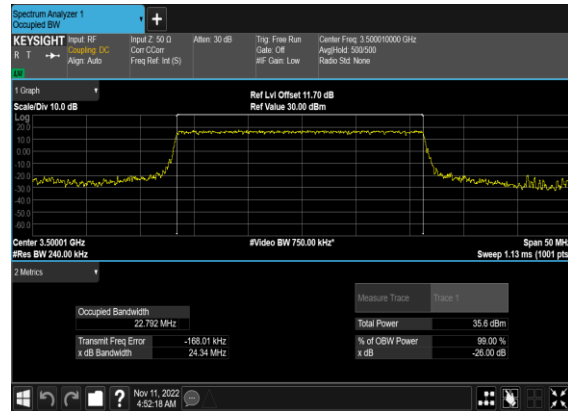
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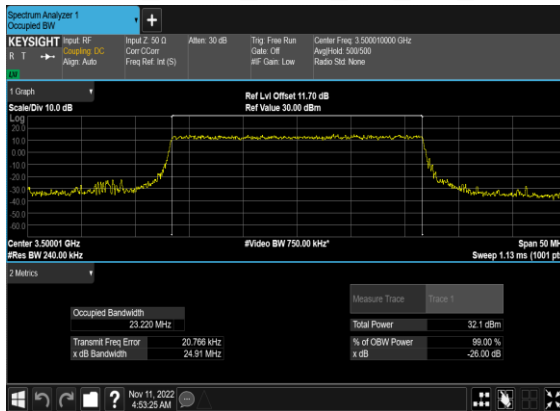
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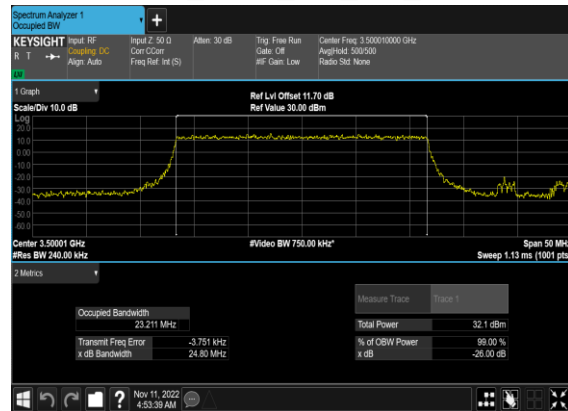
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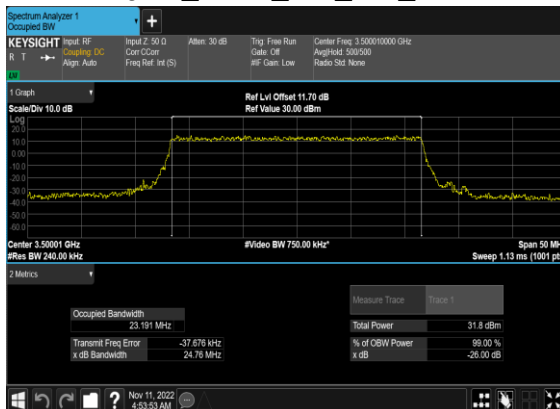
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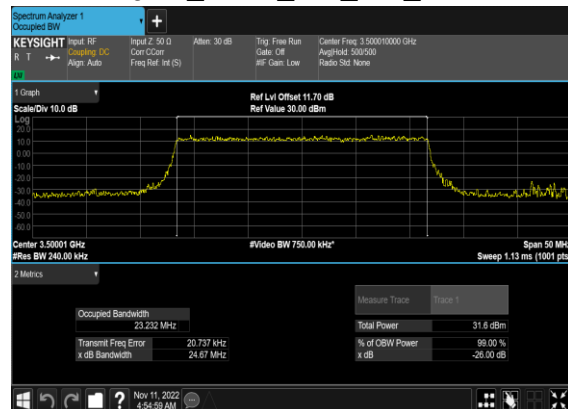
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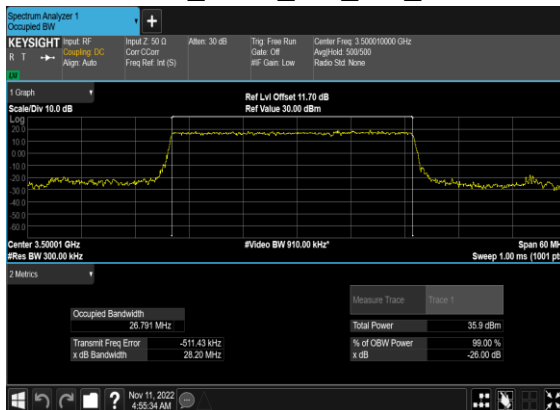
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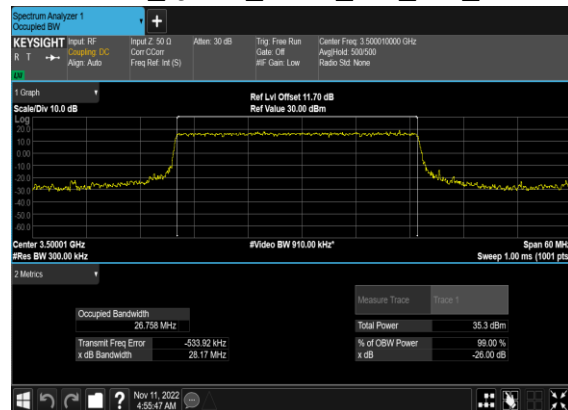
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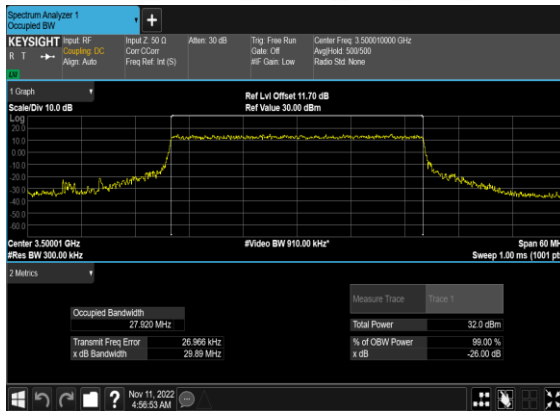
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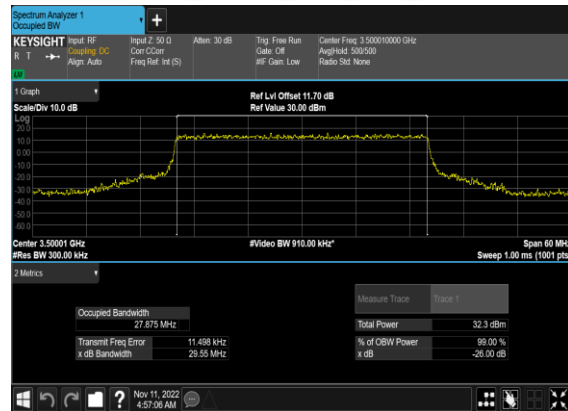
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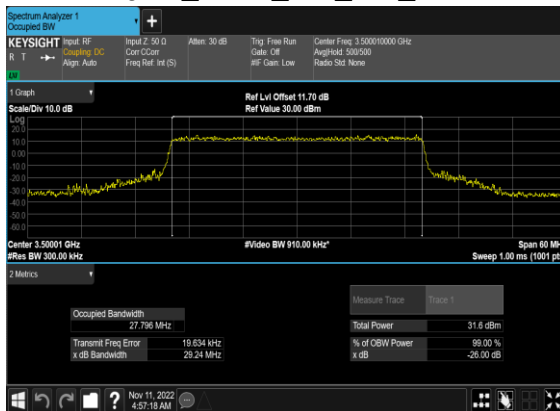
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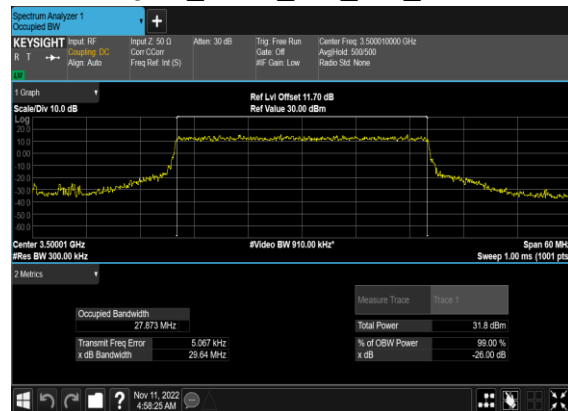
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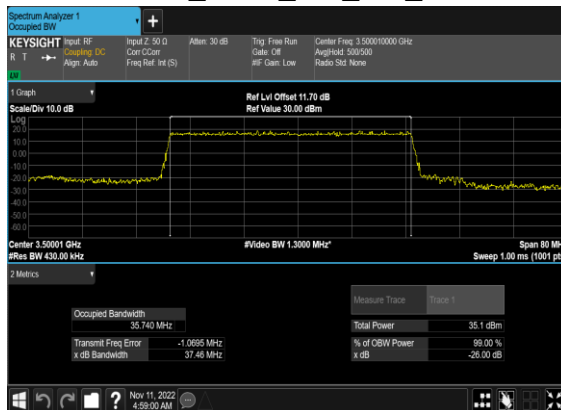
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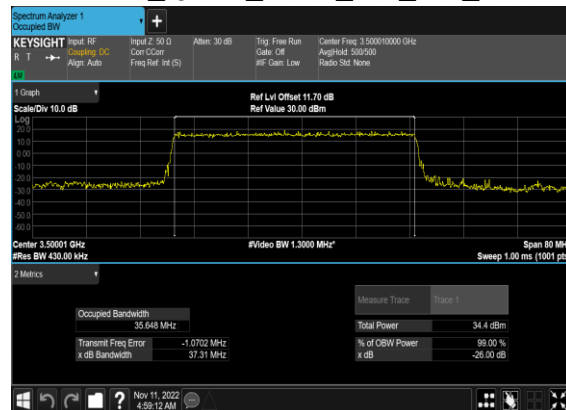
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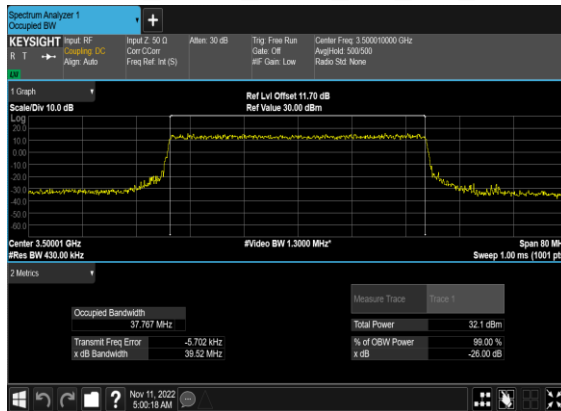
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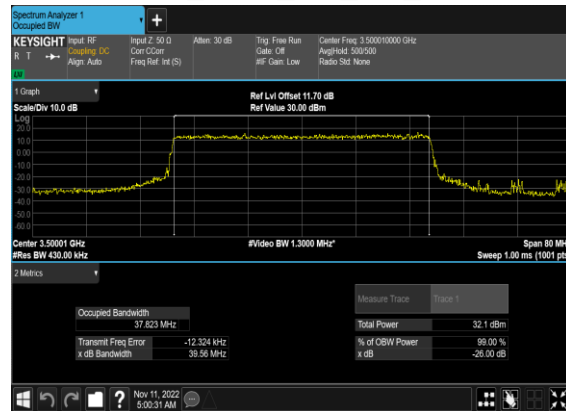
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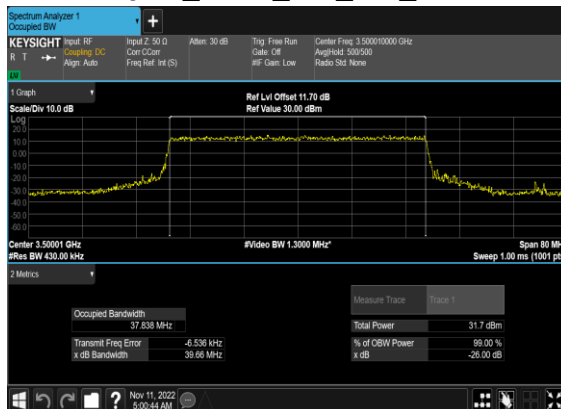
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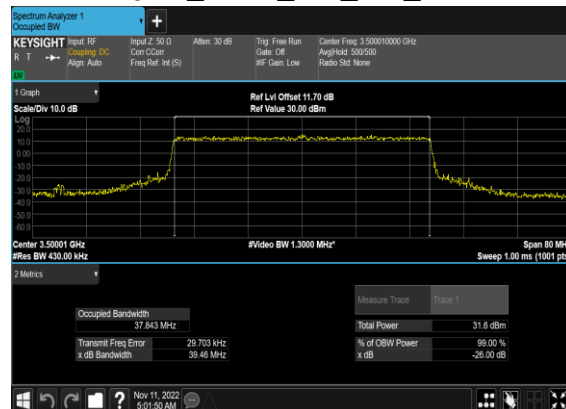
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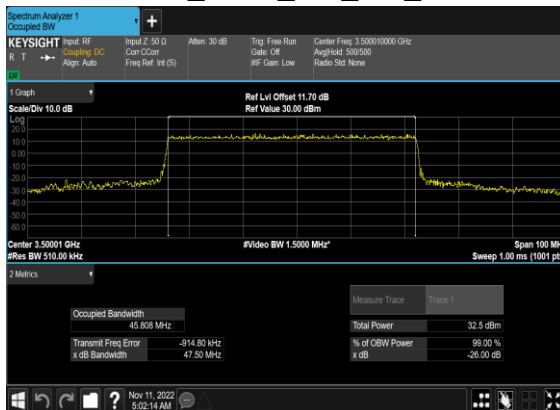
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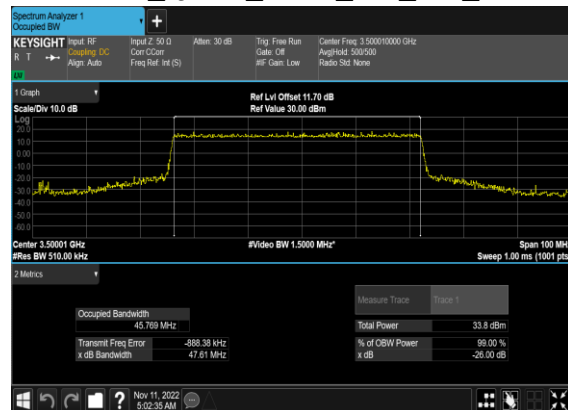
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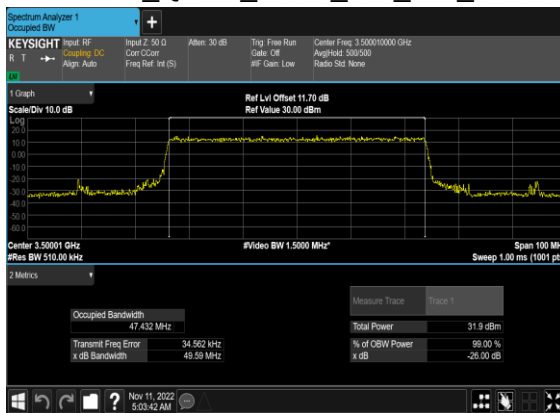
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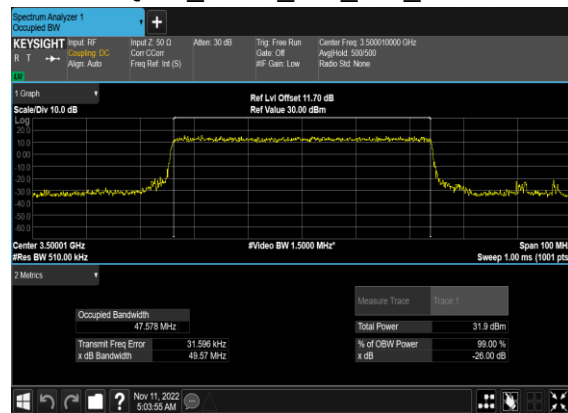
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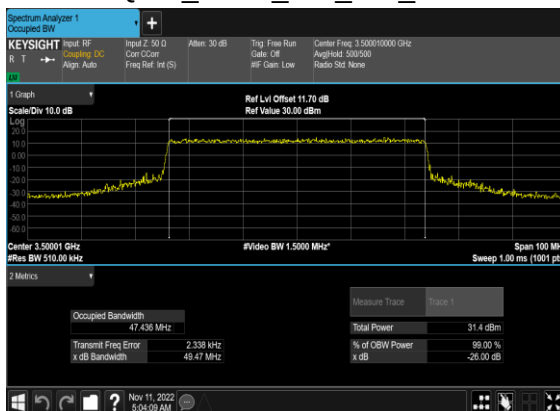
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OFDM_QPSK_Outer_Full_Mid_CH



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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

