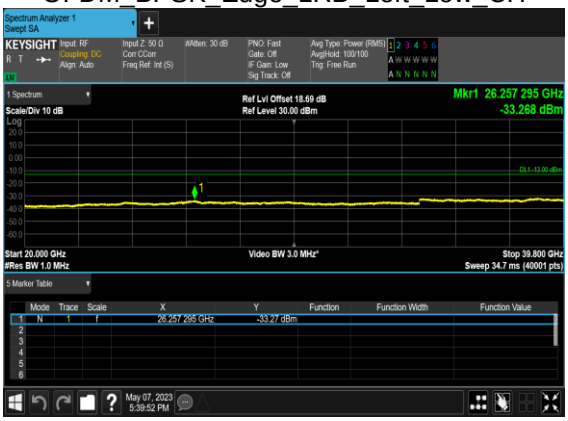
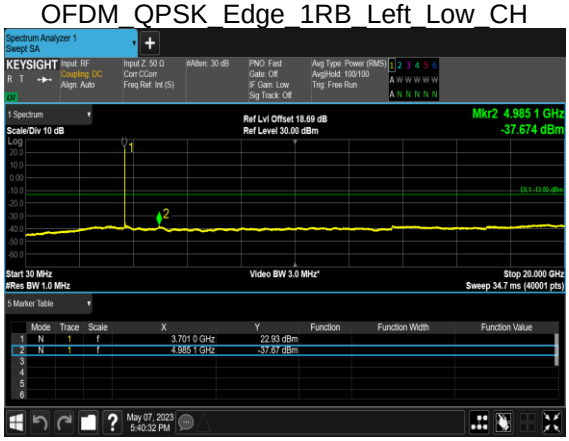
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

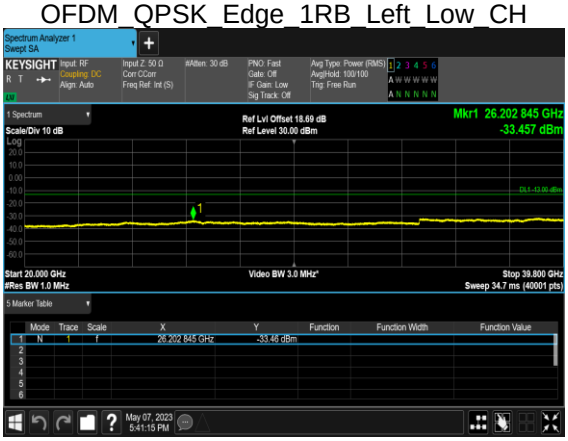
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



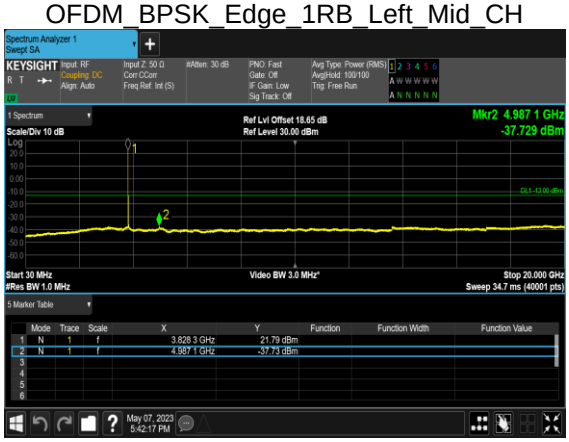
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



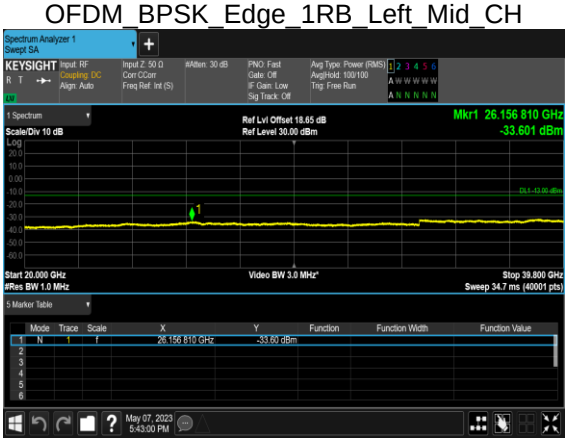
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

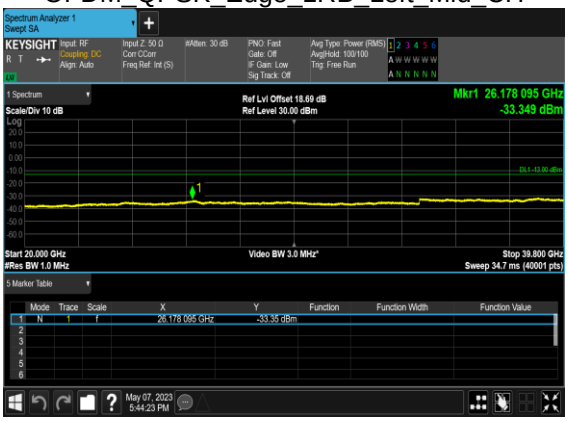


N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

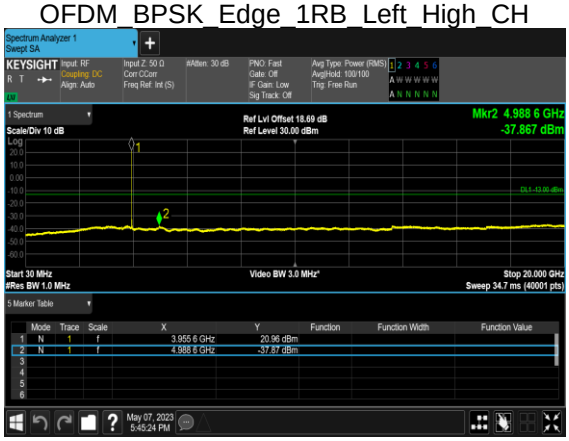


N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

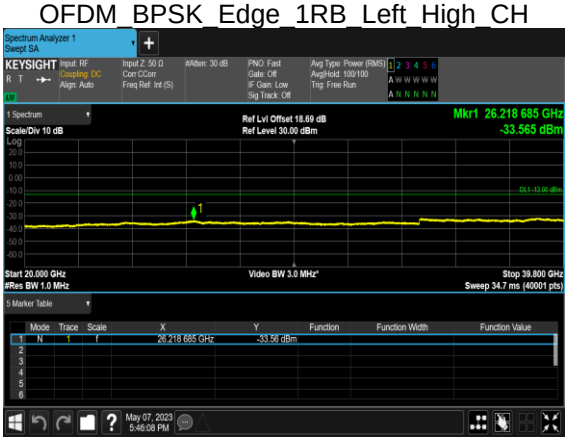
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



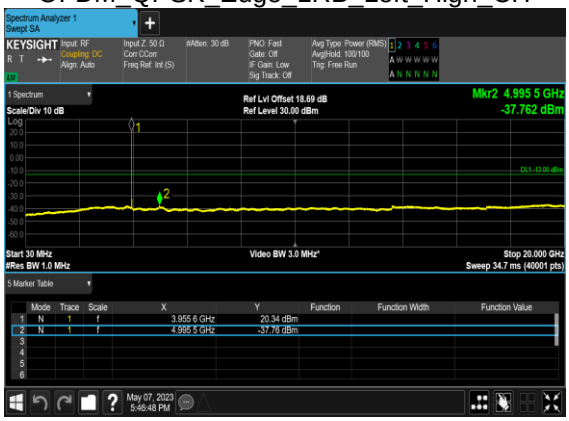
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



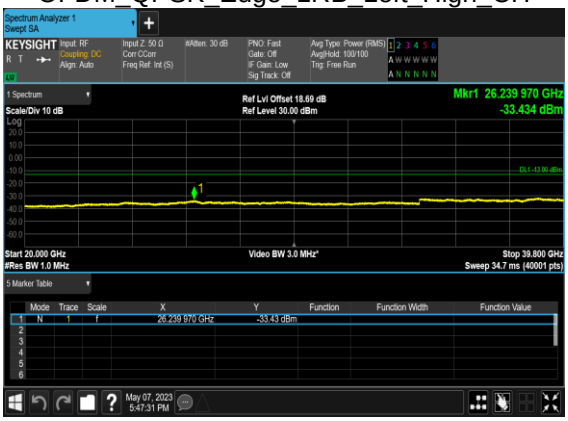
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

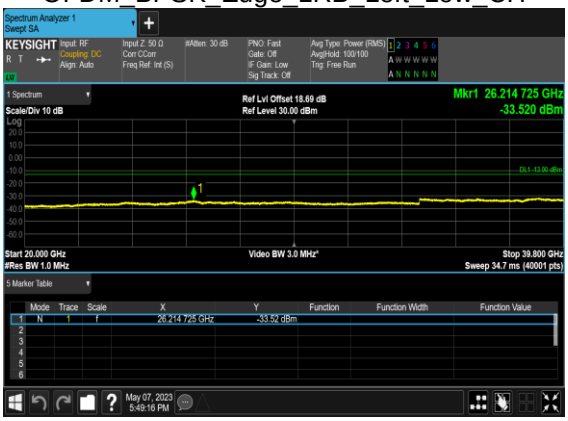


N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

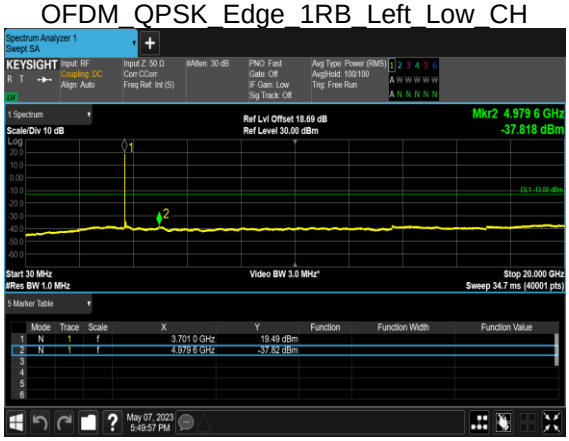


N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

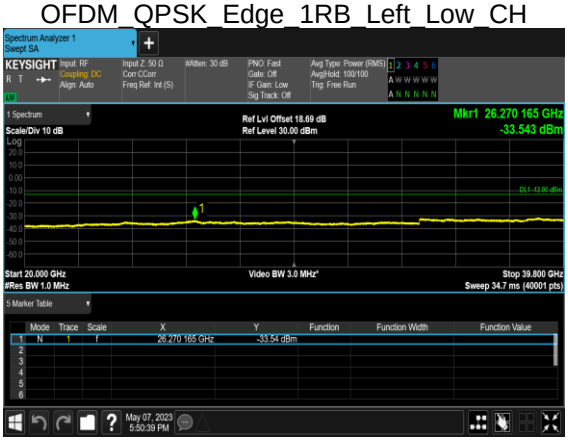
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



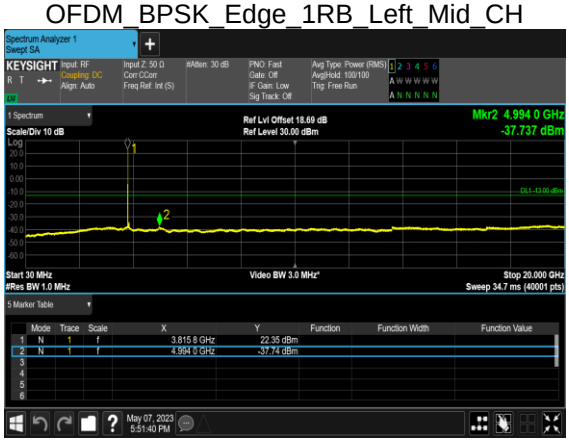
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



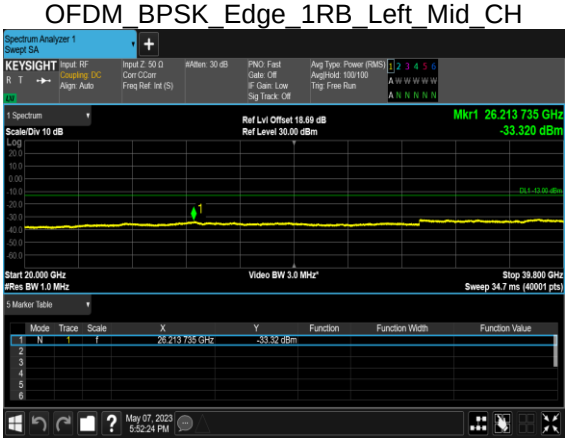
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

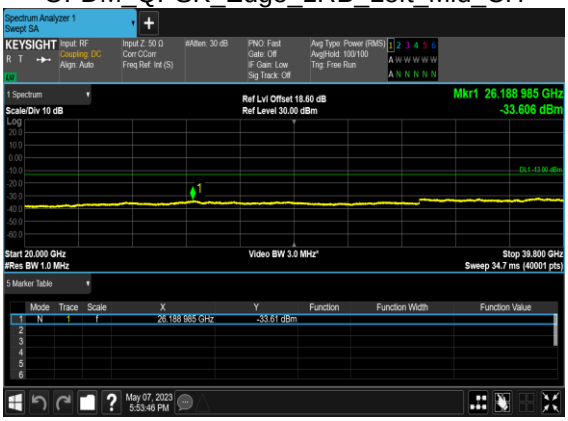


N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

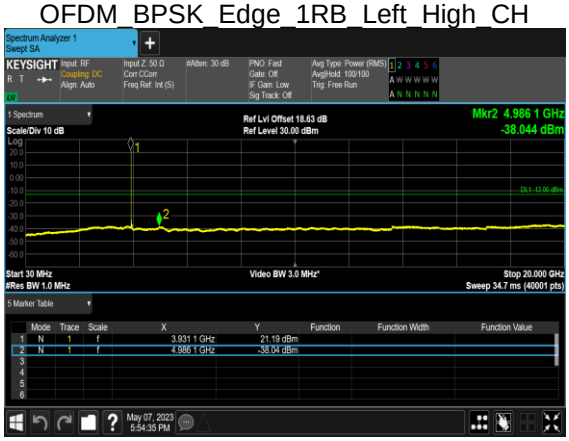


N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

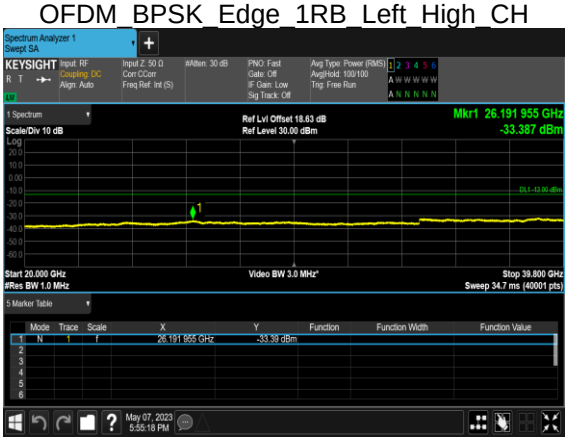
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



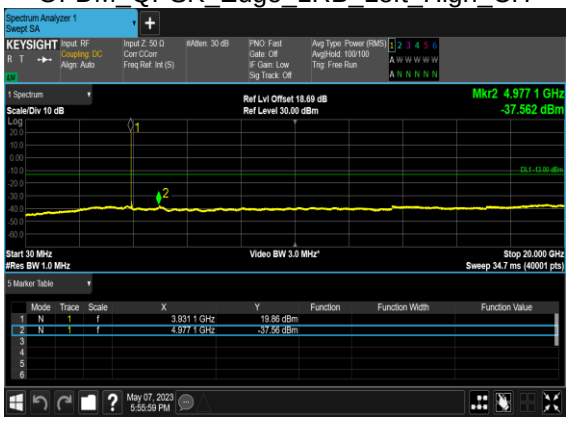
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



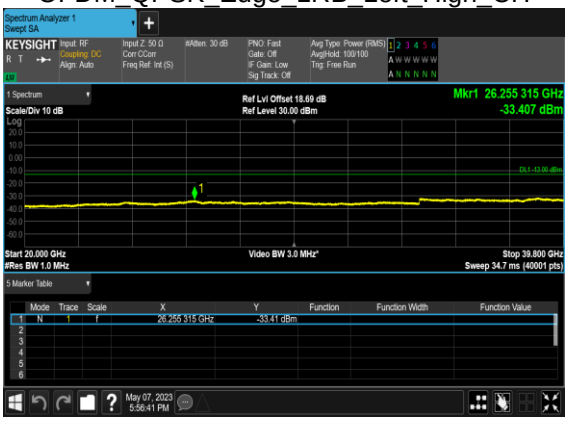
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



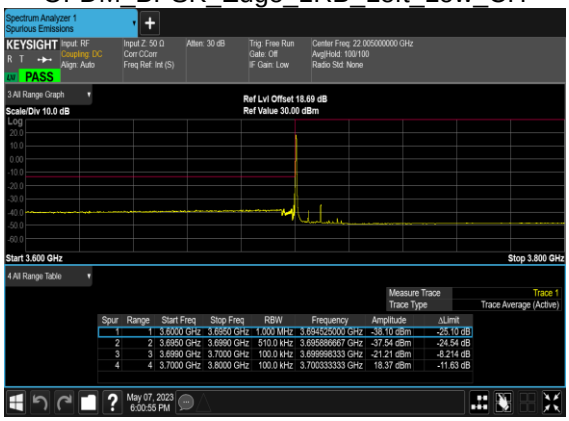
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



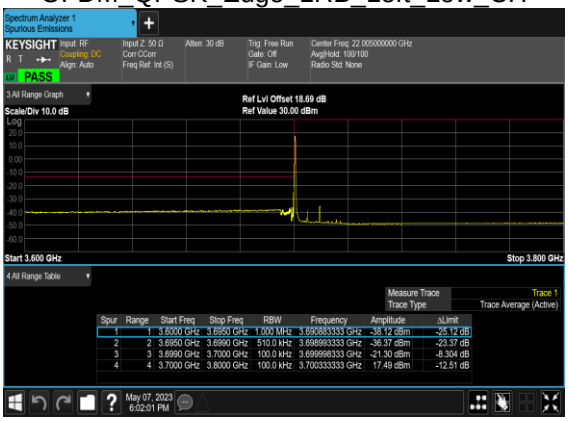
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@269	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@269	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

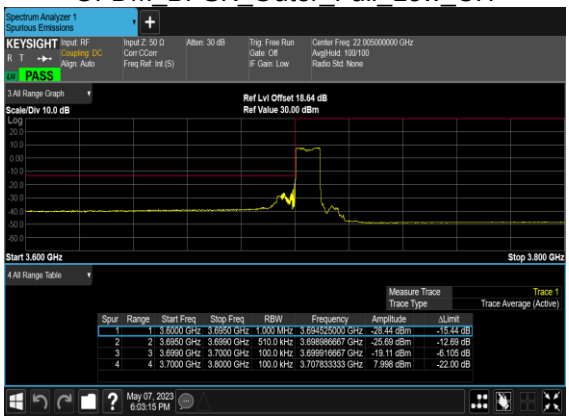
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



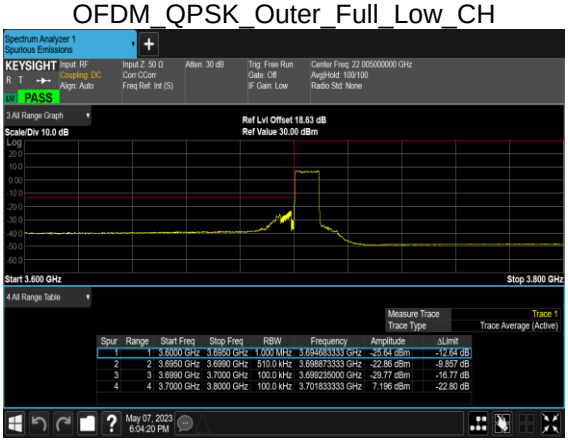
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



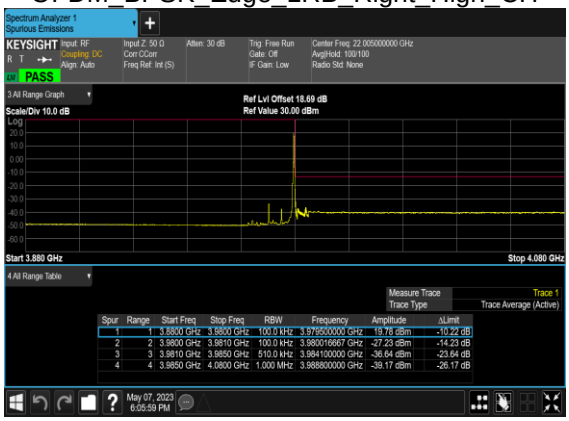
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



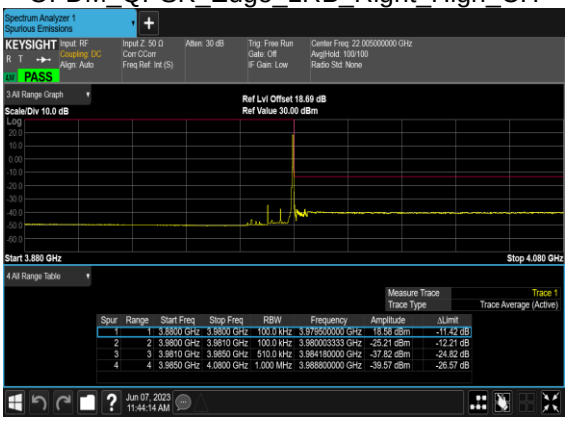
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



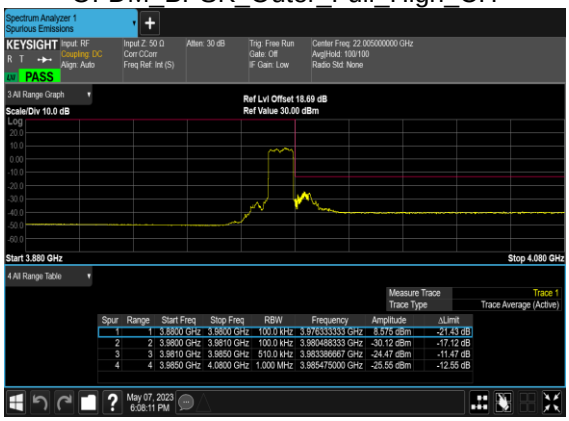
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



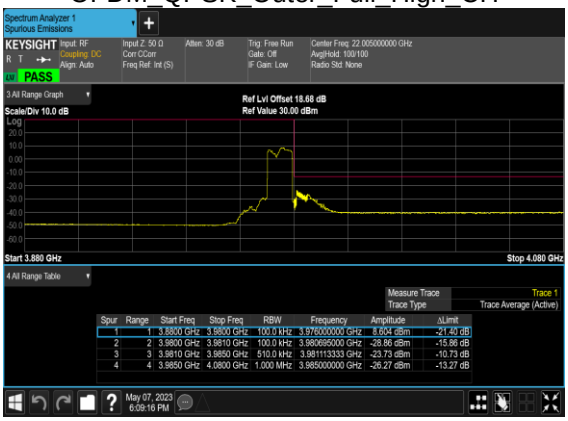
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



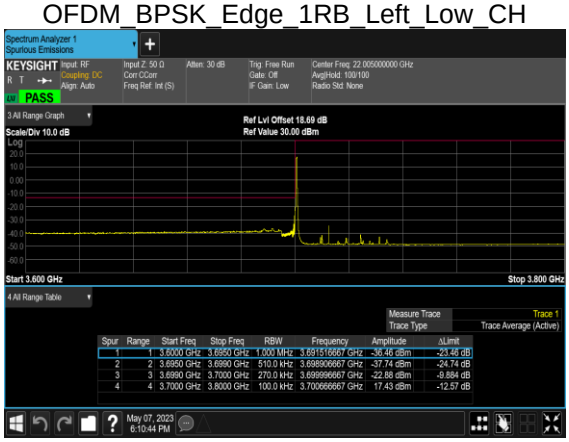
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



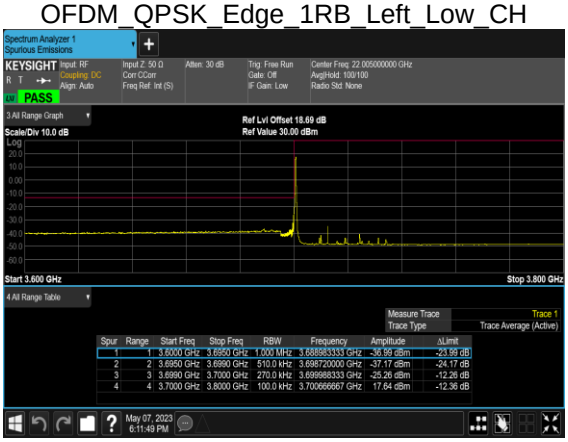
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



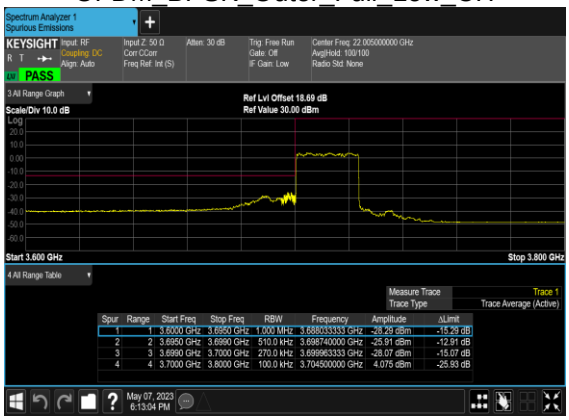
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



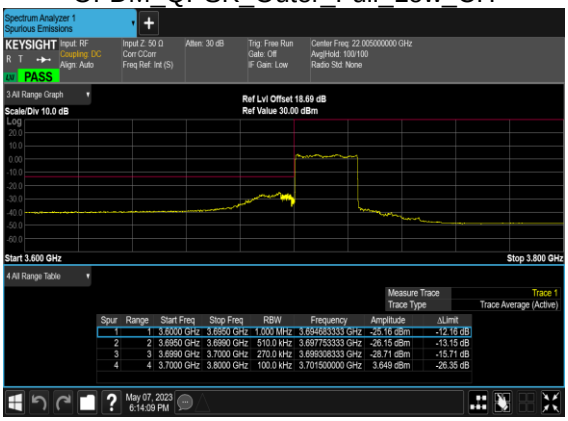
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



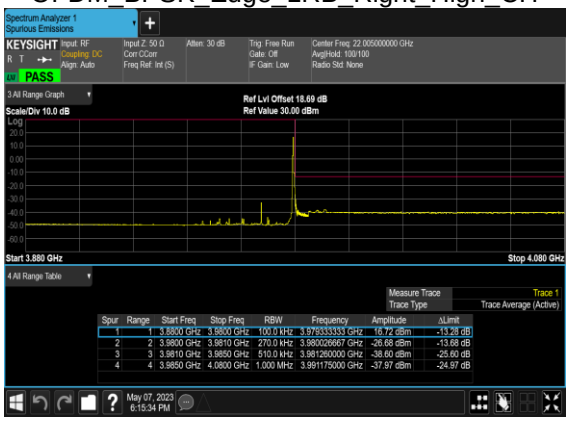
N77(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



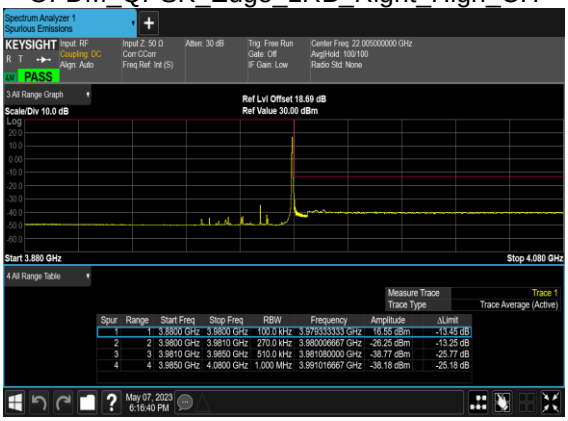
N77(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



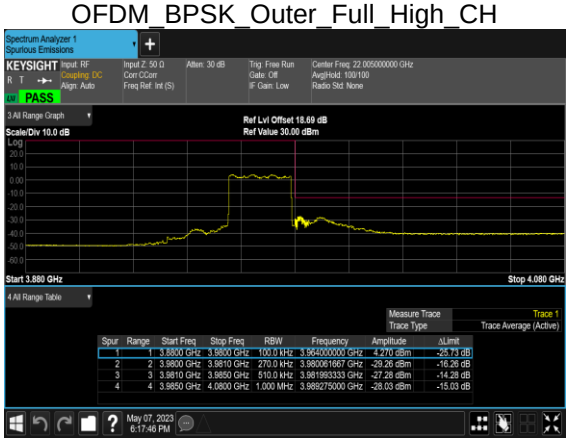
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



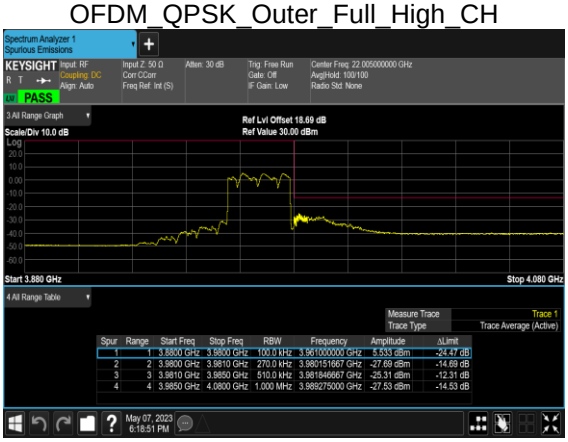
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



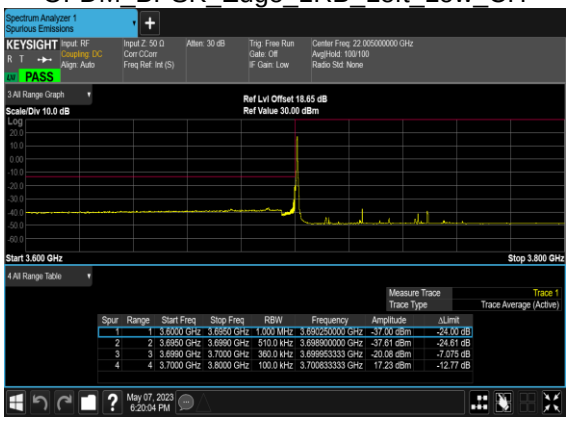
N77(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



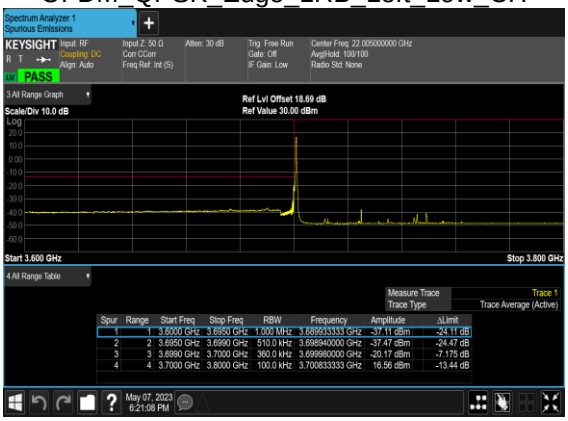
N77(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



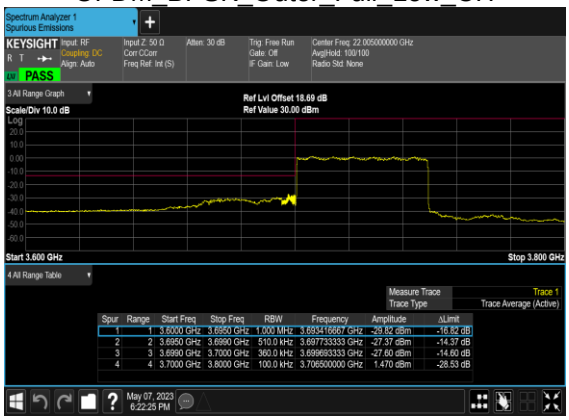
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



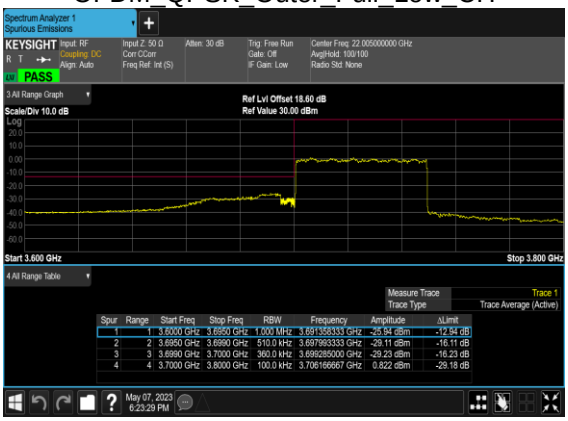
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



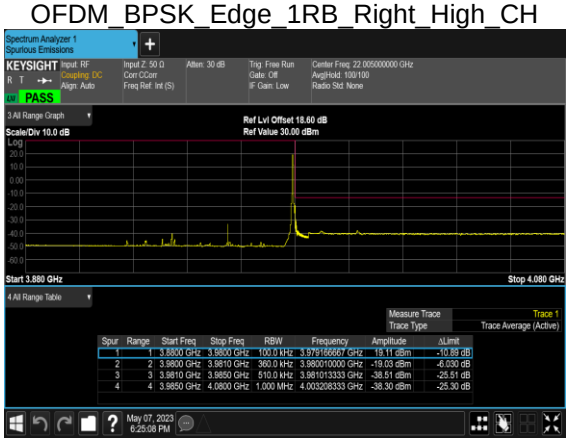
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



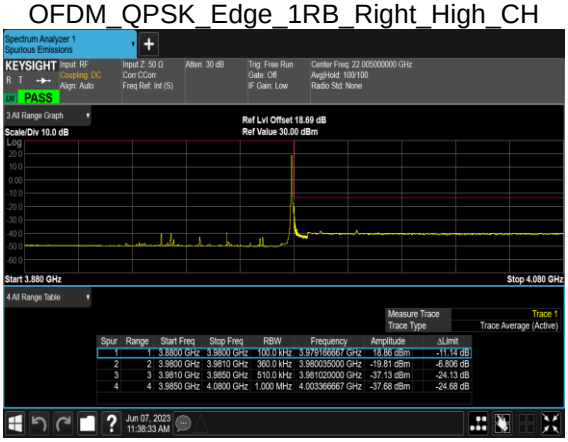
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



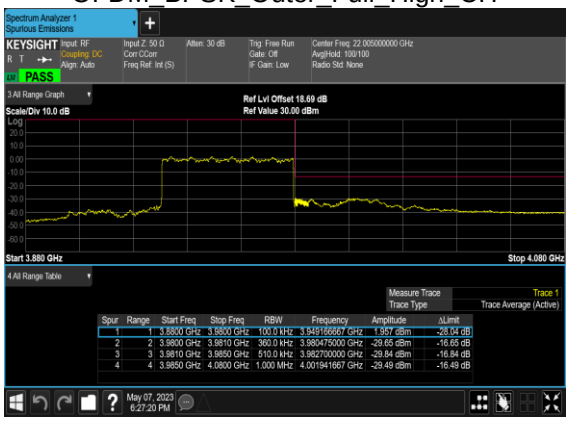
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



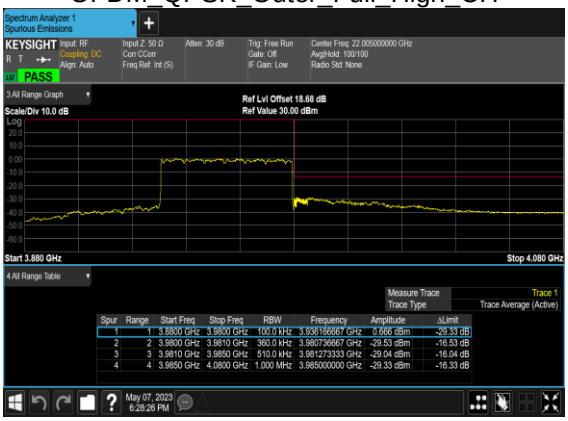
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.04.2801

FR1 N78-SCS 15K(ANT1)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=17.99dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.22	44.21	26.3633
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.03	43.02	20.0447
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	26.19	44.18	26.1818
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.06	43.05	20.1837
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.3	44.29	26.8534
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.17	43.16	20.7014
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	26.02	44.01	25.1768
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	25.07	43.06	20.2302
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	26.14	44.13	25.8821
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.09	43.08	20.3236
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	26.16	44.15	26.0016
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	25.06	43.05	20.1837
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.14	44.13	25.8821
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.97	42.96	19.7697
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.04	44.03	25.2930
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.08	43.07	20.2768
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.23	44.22	26.4241
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.11	43.1	20.4174
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.14	44.13	25.8821
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.03	43.02	20.0447
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	26.21	44.2	26.3027
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.1	43.09	20.3704
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	26.31	44.3	26.9153
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	25.04	43.03	20.0909
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	26.22	44.21	26.3633
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	25.11	43.1	20.4174
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.2	44.19	26.2422
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.08	43.07	20.2768
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	26.34	44.33	27.1019
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	25.11	43.1	20.4174
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.1	44.09	25.6448
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.02	43.01	19.9986
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.12	44.11	25.7632
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.09	43.08	20.3236
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.27	44.26	26.6686
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.1	43.09	20.3704

78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	26.3	44.29	26.8534
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	26.32	44.31	26.9774
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	26.29	44.28	26.7917
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	26.35	44.34	27.1644
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.29	44.28	26.7917
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	26.22	44.21	26.3633
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	25.21	43.2	20.8930
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.16	43.15	20.6538
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	25.22	43.21	20.9411
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	23.31	41.3	13.4896
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.29	41.28	13.4276
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	23.44	41.43	13.8995
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	20.83	38.82	7.6208
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	20.91	38.9	7.7625
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	21.11	39.1	8.1283
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.82	42.81	19.0985
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.86	42.85	19.2752
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	24.91	42.9	19.4984
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.34	44.33	27.1019
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.37	44.36	27.2898
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	26.33	44.32	27.0396
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	26.3	44.29	26.8534
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.29	44.28	26.7917
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	26.19	44.18	26.1818
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.31	43.3	21.3796
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.03	43.02	20.0447
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	25.01	43	19.9526
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.31	41.3	13.4896
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.4	41.39	13.7721
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	23.41	41.4	13.8038
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.95	38.94	7.8343
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.77	38.76	7.5162
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	21.06	39.05	8.0353
78	15	50	650000	3750	CP-OFDM QPSK	135@67	24.88	42.87	19.3642
78	15	50	650000	3750	CP-OFDM QPSK	1@1	24.83	42.82	19.1426
78	15	50	650000	3750	CP-OFDM QPSK	1@268	24.84	42.83	19.1867
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	26.36	44.35	27.2270
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	26.32	44.31	26.9774
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	26.48	44.47	27.9898
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	26.37	44.36	27.2898
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	26.36	44.35	27.2270
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	26.34	44.33	27.1019
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	25.34	43.33	21.5278
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.21	43.2	20.8930

78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	25.15	43.14	20.6063
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	23.39	41.38	13.7404
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	23.49	41.48	14.0605
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	23.53	41.52	14.1906
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	20.94	38.93	7.8163
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	21.14	39.13	8.1846
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	21.16	39.15	8.2224
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	24.93	42.92	19.5884
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	24.89	42.88	19.4089
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	25.02	43.01	19.9986

Software Version: 23.04.2801

FR1 N78-UL MIMO-SCS 15K(ANT0+1)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=18.01dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq(MHz)	Modulation	RB	ANT0 Power (dBm)	ANT1 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	22.87	23.56	26.24	44.25	26.6073
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	21.68	22.48	25.11	43.12	20.5116
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	22.92	23.65	26.31	44.32	27.0396
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.65	22.59	25.16	43.17	20.7491
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	23.05	23.41	26.24	44.25	26.6073
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.99	22.32	25.17	43.18	20.7970
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	22.89	23.51	26.22	44.23	26.4850
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	21.66	22.27	24.99	43	19.9526
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	22.88	23.67	26.30	44.31	26.9774
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.88	22.52	25.22	43.23	21.0378
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	23.06	23.41	26.25	44.26	26.6686
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	22.02	22.22	25.13	43.14	20.6063
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	22.89	23.53	26.23	44.24	26.5461
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	21.78	22.43	25.13	43.14	20.6063
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	22.82	23.61	26.24	44.25	26.6073
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.92	22.39	25.17	43.18	20.7970
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	23.13	23.54	26.35	44.36	27.2898
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.89	22.46	25.19	43.2	20.8930
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	22.9	23.55	26.25	44.26	26.6686
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	21.91	22.34	25.14	43.15	20.6538
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	22.89	23.64	26.29	44.3	26.9153
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.74	22.56	25.18	43.19	20.8449
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	23.06	23.64	26.37	44.38	27.4157
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	22.01	22.55	25.30	43.31	21.4289
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	22.94	23.58	26.28	44.29	26.8534
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	21.93	22.58	25.28	43.29	21.3304
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	22.9	23.64	26.30	44.31	26.9774
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.86	22.56	25.23	43.24	21.0863
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	23.03	23.68	26.38	44.39	27.4789
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	21.97	22.61	25.31	43.32	21.4783
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.93	23.55	26.26	44.27	26.7301
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	21.71	22.51	25.14	43.15	20.6538
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	22.9	23.65	26.30	44.31	26.9774
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.83	22.63	25.26	43.27	21.2324
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	22.98	23.75	26.39	44.4	27.5423
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.86	22.68	25.30	43.31	21.4289

78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	23	23.65	26.35	44.36	27.2898
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	22.94	23.58	26.28	44.29	26.8534
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	23.04	23.77	26.43	44.44	27.7971
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	22.99	23.73	26.39	44.4	27.5423
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	22.98	23.63	26.33	44.34	27.1644
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	23	23.75	26.40	44.41	27.6058
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	22.01	22.68	25.37	43.38	21.7771
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	21.83	22.51	25.19	43.2	20.8930
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	22.03	22.69	25.38	43.39	21.8273
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	20.5	21.17	23.86	41.87	15.3815
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	20.85	21.49	24.19	42.2	16.5959
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	20.98	21.71	24.37	42.38	17.2982
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	18.42	19.34	21.91	39.92	9.8175
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.43	19.22	21.85	39.86	9.6828
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	18.62	19.4	22.04	40.05	10.1158
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	21.43	22.09	24.78	42.79	19.0108
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	21.49	22.18	24.86	42.87	19.3642
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	21.48	22.29	24.91	42.92	19.5884
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	23.06	23.85	26.48	44.49	28.1190
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.91	23.64	26.30	44.31	26.9774
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	23.21	23.88	26.57	44.58	28.7078
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	23.06	23.85	26.48	44.49	28.1190
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	22.9	23.65	26.30	44.31	26.9774
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	22.98	23.77	26.40	44.41	27.6058
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	22.09	22.85	25.50	43.51	22.4388
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.86	22.67	25.29	43.3	21.3796
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	22.04	22.71	25.40	43.41	21.9280
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.56	21.45	24.04	42.05	16.0325
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.86	21.25	24.07	42.08	16.1436
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	21.03	21.7	24.39	42.4	17.3780
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.59	19.28	21.96	39.97	9.9312
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.4	19.27	21.87	39.88	9.7275
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	18.57	19.37	22.00	40.01	10.0231
78	15	50	650000	3750	CP-OFDM QPSK	135@67	21.36	22.08	24.75	42.76	18.8799
78	15	50	650000	3750	CP-OFDM QPSK	1@1	21.36	22.16	24.79	42.8	19.0546
78	15	50	650000	3750	CP-OFDM QPSK	1@268	21.62	22.32	24.99	43	19.9526
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	23.05	23.72	26.41	44.42	27.6694
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	22.93	23.76	26.38	44.39	27.4789
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	23	23.51	26.27	44.28	26.7917
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	23.01	23.76	26.41	44.42	27.6694
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.86	23.64	26.28	44.29	26.8534
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	22.88	23.44	26.18	44.19	26.2422
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	22.03	22.7	25.39	43.4	21.8776
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.77	22.7	25.27	43.28	21.2814

78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	21.9	22.52	25.23	43.24	21.0863
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	20.57	21.26	23.94	41.95	15.6675
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	20.86	21.59	24.25	42.26	16.8267
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	20.92	21.39	24.17	42.18	16.5196
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	18.49	19.08	21.81	39.82	9.5940
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	18.44	19.18	21.84	39.85	9.6605
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	18.64	19.06	21.87	39.88	9.7275
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	21.55	22.2	24.90	42.91	19.5434
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	21.46	22.2	24.86	42.87	19.3642
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	21.42	22.04	24.75	42.76	18.8799

Software Version: 23.04.1202

FR1 N77-SCS 30K(ANT1)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=17.99dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.27	44.26	26.6686
77	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.15	43.14	20.6063
77	30	10	656000	3840	DFT-s-OFDM QPSK	1@1	26.26	44.25	26.6073
77	30	10	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.3	43.29	21.3304
77	30	10	665000	3975	DFT-s-OFDM QPSK	1@1	26.41	44.4	27.5423
77	30	10	665000	3975	DFT-s-OFDM 16 QAM	1@1	25.43	43.42	21.9786
77	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	26.2	44.19	26.2422
77	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	25.19	43.18	20.7970
77	30	15	656000	3840	DFT-s-OFDM QPSK	1@1	26.27	44.26	26.6686
77	30	15	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.26	43.25	21.1349
77	30	15	664832	3972.48	DFT-s-OFDM QPSK	1@1	26.35	44.34	27.1644
77	30	15	664832	3972.48	DFT-s-OFDM 16 QAM	1@1	25.28	43.27	21.2324
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.2	44.19	26.2422
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.21	43.2	20.8930
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	26.25	44.24	26.5461
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.24	43.23	21.0378
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	26.3	44.29	26.8534
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	25.24	43.23	21.0378
77	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.25	44.24	26.5461
77	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.22	43.21	20.9411
77	30	25	656000	3840	DFT-s-OFDM QPSK	1@1	26.3	44.29	26.8534
77	30	25	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.24	43.23	21.0378
77	30	25	664500	3967.5	DFT-s-OFDM QPSK	1@1	26.38	44.37	27.3527
77	30	25	664500	3967.5	DFT-s-OFDM 16 QAM	1@1	25.38	43.37	21.7270
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	26.28	44.27	26.7301
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.23	43.22	20.9894
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	26.36	44.35	27.2270
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.29	43.28	21.2814
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	26.29	44.28	26.7917

77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	25.25	43.24	21.0863
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.27	44.26	26.6686
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.25	43.24	21.0863
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	26.4	44.39	27.4789
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.33	43.32	21.4783
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	26.36	44.35	27.2270
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	25.32	43.31	21.4289
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.28	44.27	26.7301
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.33	43.32	21.4783
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	26.35	44.34	27.1644
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.35	43.34	21.5774
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	26.17	44.16	26.0615
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	25.17	43.16	20.7014
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	26.26	44.25	26.6073
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.22	43.21	20.9411
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	26.5	44.49	28.1190
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.32	43.31	21.4289
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	26.18	44.17	26.1216
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	25.12	43.11	20.4644
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	26.32	44.31	26.9774
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	25.31	43.3	21.3796
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	26.38	44.37	27.3527
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.35	43.34	21.5774
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	26.26	44.25	26.6073
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	25.17	43.16	20.7014
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	26.33	44.32	27.0396
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.26	43.25	21.1349
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	26.48	44.47	27.9898
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.34	43.33	21.5278
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	26.3	44.29	26.8534
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	25.24	43.23	21.0378
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	26.29	44.28	26.7917
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	25.25	43.24	21.0863
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	26.36	44.35	27.2270
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.38	43.37	21.7270

77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	26.16	44.15	26.0016
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	25.06	43.05	20.1837
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.39	44.38	27.4157
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.39	44.38	27.4157
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.39	44.38	27.4157
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.44	44.43	27.7332
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.41	44.4	27.5423
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.38	44.37	27.3527
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.47	43.46	22.1820
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.32	43.31	21.4289
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.33	43.32	21.4783
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.46	41.45	13.9637
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.26	41.25	13.3352
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.39	41.38	13.7404
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21	38.99	7.9250
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.91	38.9	7.7625
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.02	39.01	7.9616
77	30	100	650000	3750	CP-OFDM QPSK	137@68	24.92	42.91	19.5434
77	30	100	650000	3750	CP-OFDM QPSK	1@1	24.85	42.84	19.2309
77	30	100	650000	3750	CP-OFDM QPSK	1@271	24.86	42.85	19.2752
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	26.44	44.43	27.7332
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.45	44.44	27.7971
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	26.23	44.22	26.4241
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	26.46	44.45	27.8612
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	26.44	44.43	27.7332
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	26.22	44.21	26.3633
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	25.5	43.49	22.3357
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.38	43.37	21.7270
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	25.16	43.15	20.6538
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	23.52	41.51	14.1579
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.38	41.37	13.7088
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	23.24	41.23	13.2739
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	20.96	38.95	7.8524
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.07	39.06	8.0538
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	20.84	38.83	7.6384

77	30	100	656000	3840	CP-OFDM QPSK	137@68	24.91	42.9	19.4984
77	30	100	656000	3840	CP-OFDM QPSK	1@1	24.96	42.95	19.7242
77	30	100	656000	3840	CP-OFDM QPSK	1@271	24.74	42.73	18.7499
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	26.31	44.3	26.9153
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	26.3	44.29	26.8534
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	26.54	44.53	28.3792
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	26.35	44.34	27.1644
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	26.31	44.3	26.9153
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	26.53	44.52	28.3139
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	25.4	43.39	21.8273
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	25.21	43.2	20.8930
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	25.5	43.49	22.3357
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	23.4	41.39	13.7721
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	23.22	41.21	13.2130
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	23.45	41.44	13.9316
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	20.87	38.86	7.6913
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	20.96	38.95	7.8524
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	21.2	39.19	8.2985
77	30	100	662000	3930	CP-OFDM QPSK	137@68	24.82	42.81	19.0985
77	30	100	662000	3930	CP-OFDM QPSK	1@1	24.68	42.67	18.4927
77	30	100	662000	3930	CP-OFDM QPSK	1@271	24.96	42.95	19.7242

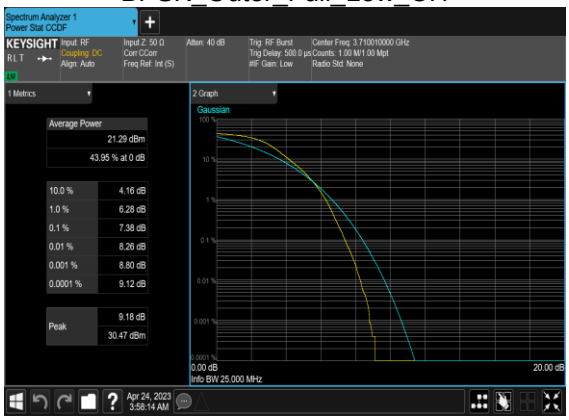
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0040	**PASS**	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0057	**PASS**	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0053	**PASS**	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0047	**PASS**	-30℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0038	**PASS**	-20℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0055	**PASS**	-10℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0069	**PASS**	0℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0024	**PASS**	10℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0040	**PASS**	20℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0033	**PASS**	30℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0059	**PASS**	40℃
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0058	**PASS**	50℃

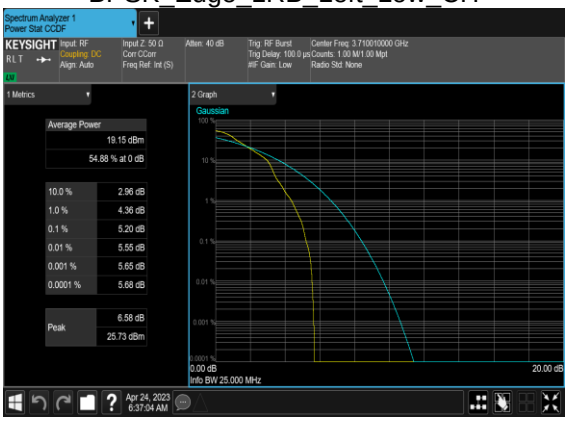
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	7.38	13	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	5.2	13	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.53	13	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	6.58	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	7.26	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	5.77	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	8.47	13	**PASS**
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	6.68	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	50@0	7.18	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@0	5.71	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	8.34	13	**PASS**
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	6.51	13	**PASS**

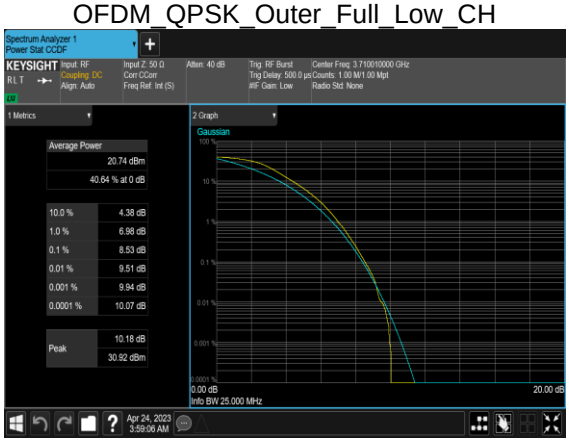
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



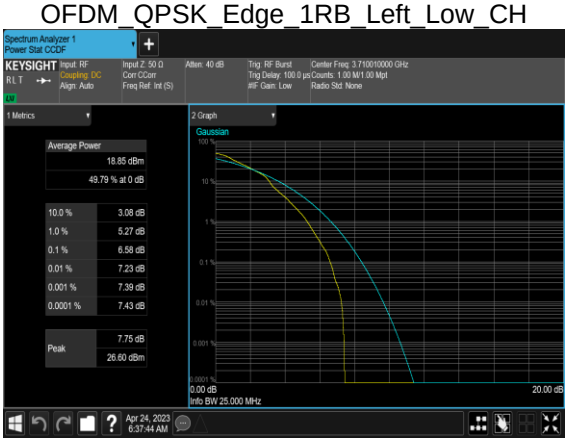
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



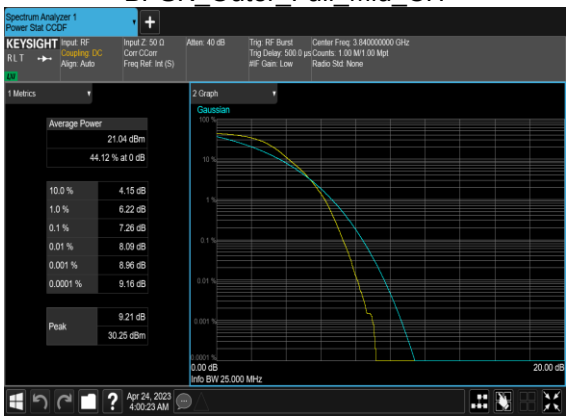
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



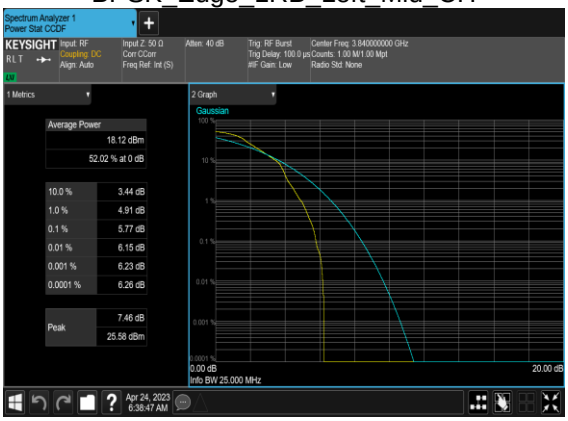
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



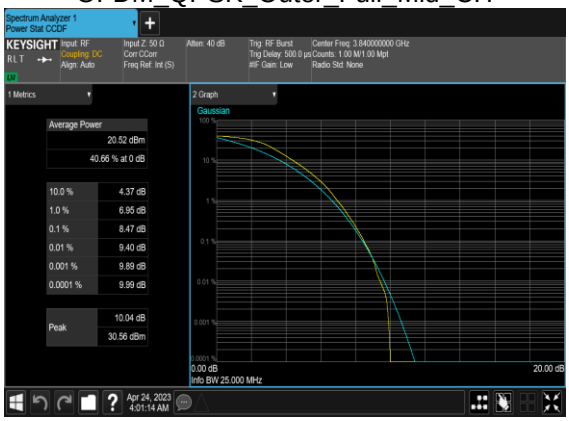
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



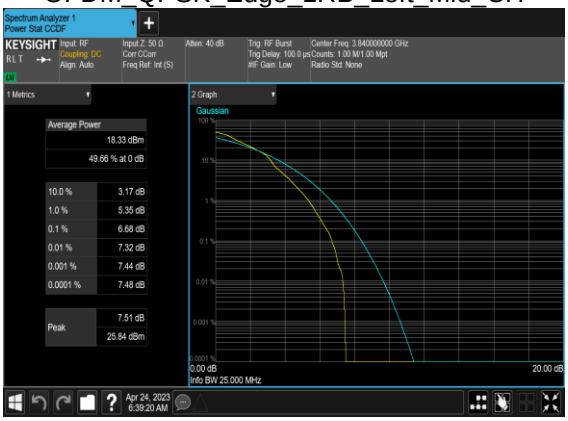
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



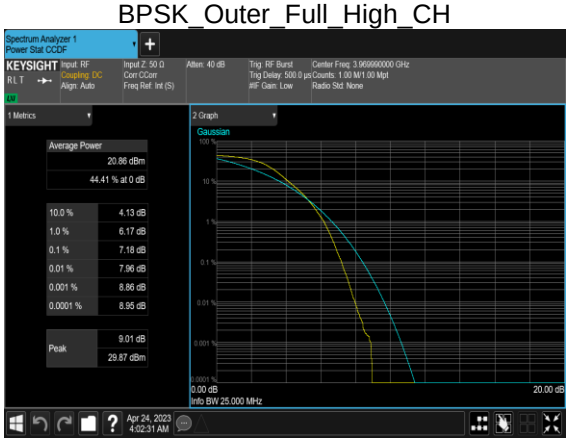
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



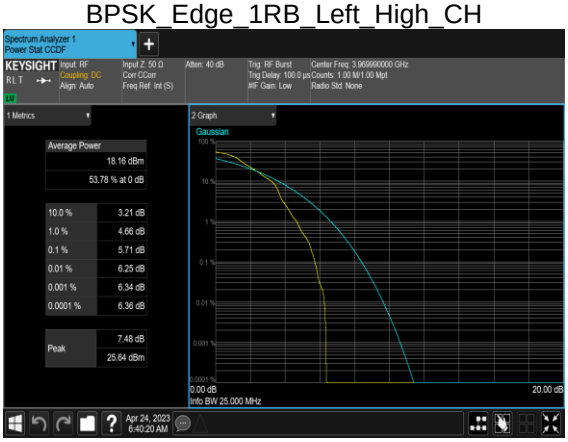
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



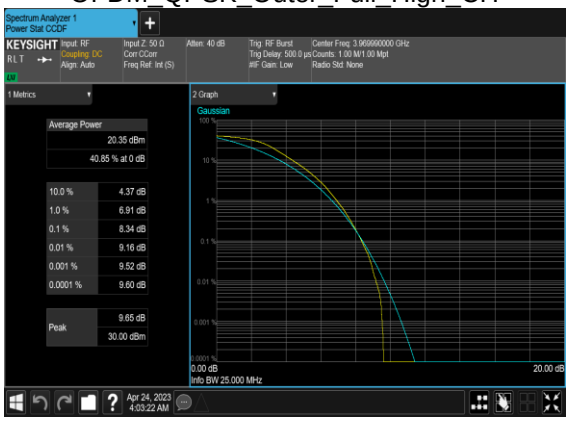
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



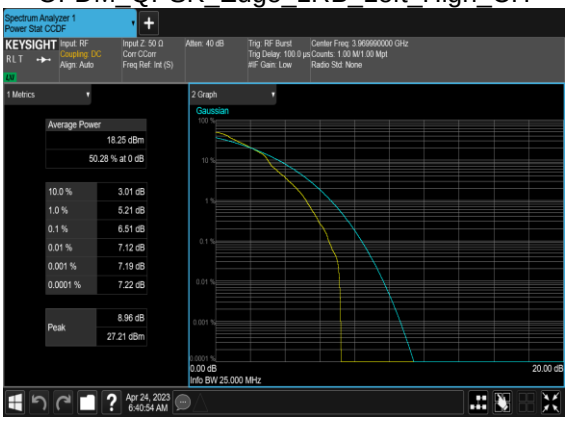
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



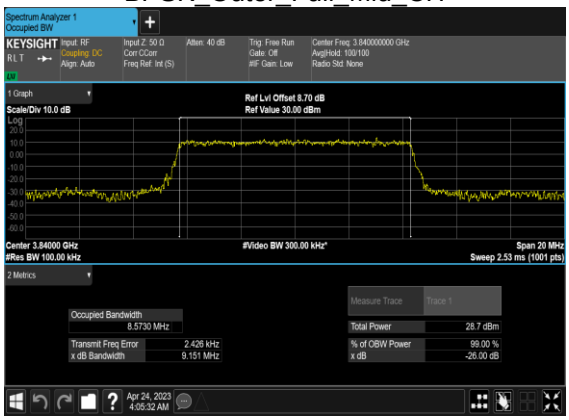
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	656000	3840.0	DFT-s-OFDM PI/2 BPSK	24@0	8.573	9.151
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	24@0	8.5763	9.051
77	30	10	656000	3840.0	CP-OFDM QPSK	24@0	8.5832	9.162
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.583	9.201
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.5663	9.237
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5745	9.1
77	30	15	656000	3840.0	DFT-s-OFDM PI/2 BPSK	36@0	12.854	13.45
77	30	15	656000	3840.0	DFT-s-OFDM QPSK	36@0	12.868	13.42
77	30	15	656000	3840.0	CP-OFDM QPSK	38@0	13.547	14.08
77	30	15	656000	3840.0	CP-OFDM 16 QAM	38@0	13.586	14.29
77	30	15	656000	3840.0	CP-OFDM 64 QAM	38@0	13.539	14.27
77	30	15	656000	3840.0	CP-OFDM 256 QAM	38@0	13.547	14.2
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	17.829	18.5
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	17.788	18.63
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.219	18.96
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.119	18.78
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.155	19.06
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.207	19.06
77	30	25	656000	3840.0	DFT-s-OFDM PI/2 BPSK	64@0	22.817	23.68
77	30	25	656000	3840.0	DFT-s-OFDM QPSK	64@0	22.859	23.74
77	30	25	656000	3840.0	CP-OFDM QPSK	65@0	23.168	24.21
77	30	25	656000	3840.0	CP-OFDM 16 QAM	65@0	23.209	24.17
77	30	25	656000	3840.0	CP-OFDM 64 QAM	65@0	23.111	24.04
77	30	25	656000	3840.0	CP-OFDM 256 QAM	65@0	23.096	24.03
77	30	30	656000	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	26.711	27.87

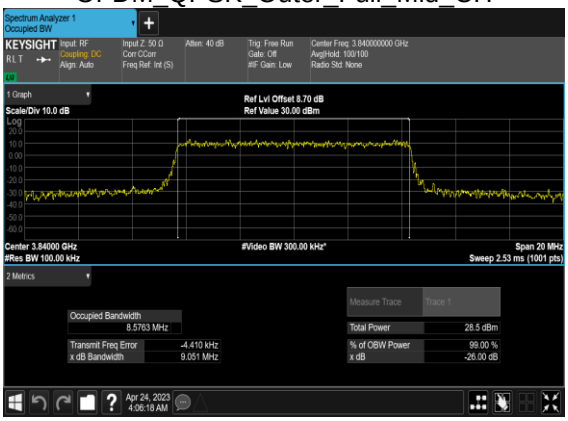
77	30	30	656000	3840.0	DFT-s-OFDM QPSK	75@0	26.678	27.77
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.89	29.28
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.842	28.75
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.82	28.79
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.85	28.81
77	30	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	35.806	37.37
77	30	40	656000	3840.0	DFT-s-OFDM QPSK	100@0	35.689	37.19
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.806	39.11
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.831	39.22
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.809	39.3
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.787	39.34
77	30	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	128@0	45.693	47.29
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	128@0	45.666	47.19
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.384	49.05
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.538	49.26
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.443	49.09
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.485	49.06
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	57.953	59.68
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	162@0	57.859	59.66
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.755	59.73
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.847	59.79
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.823	59.68
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.806	59.7
77	30	70	656000	3840.0	DFT-s-OFDM PI/2 BPSK	180@0	64.244	66.29
77	30	70	656000	3840.0	DFT-s-OFDM QPSK	180@0	64.147	66.28
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.384	69.68
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.454	69.54

77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.388	69.54
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.342	69.55
77	30	80	656000	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	77.3	79.55
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	216@0	77.264	79.59
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.406	79.91
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.484	79.92
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.591	79.95
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.307	79.93
77	30	90	656000	3840.0	DFT-s-OFDM PI/2 BPSK	240@0	85.924	88.31
77	30	90	656000	3840.0	DFT-s-OFDM QPSK	240@0	85.93	88.41
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.334	90.31
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.344	90.17
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.454	90.31
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.347	90.19
77	30	100	656000	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	96.396	99.37
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	96.44	99.53
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.433	100.6
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.452	100.5
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.314	100.4
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.218	100.4

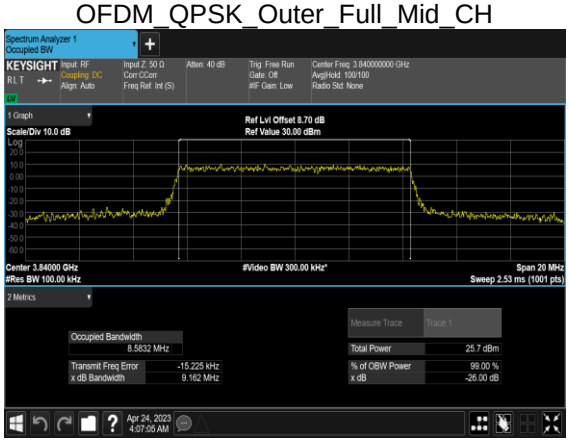
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



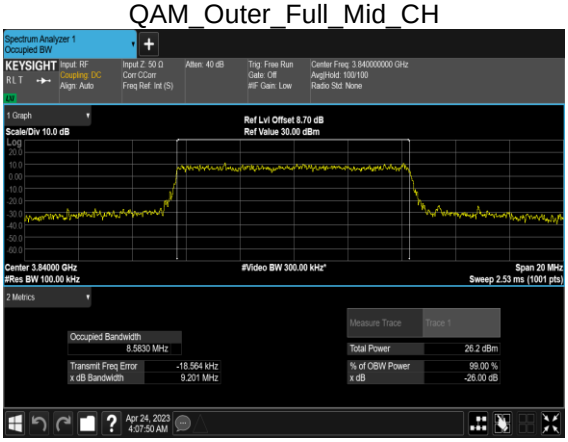
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



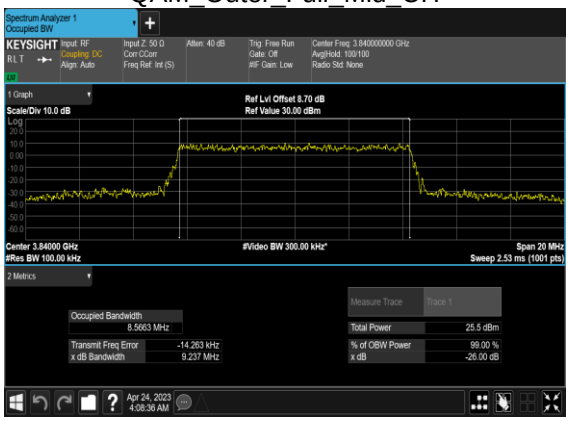
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



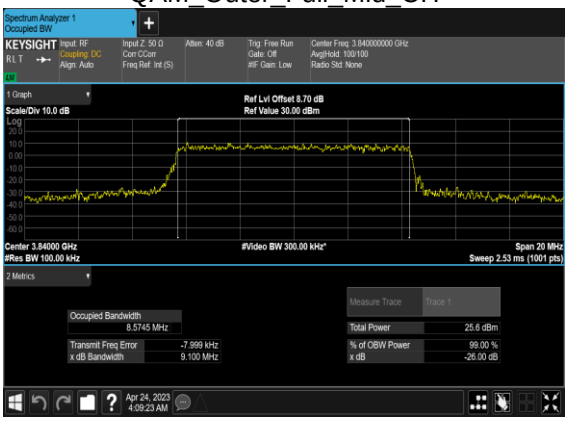
N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



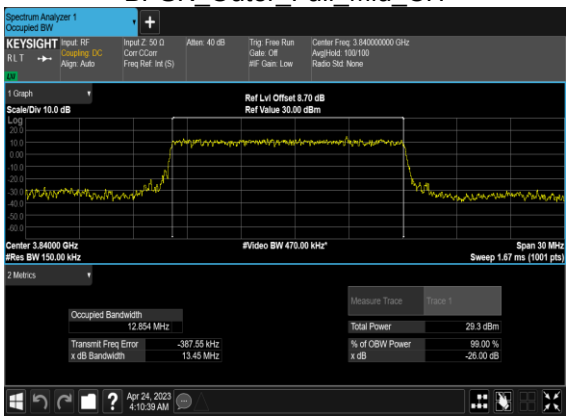
N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



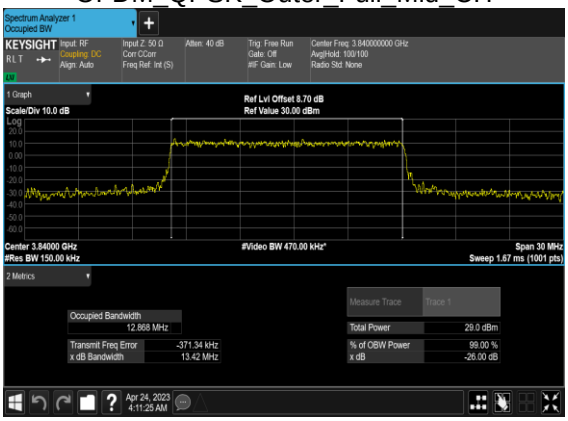
N77(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



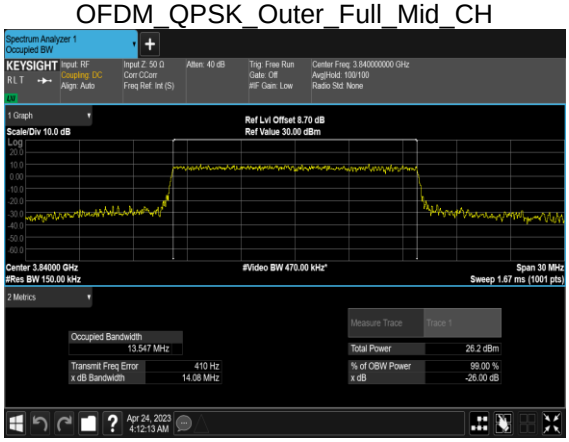
N77(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



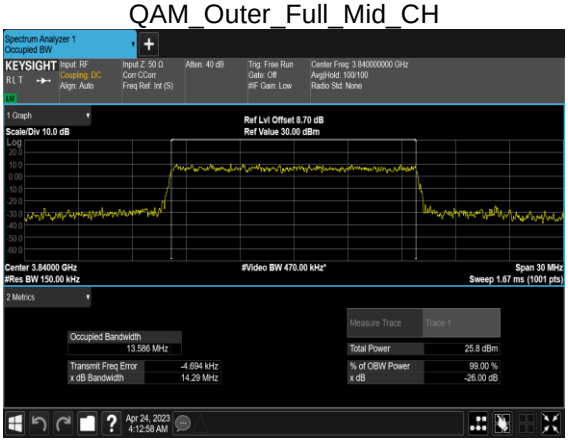
N77(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



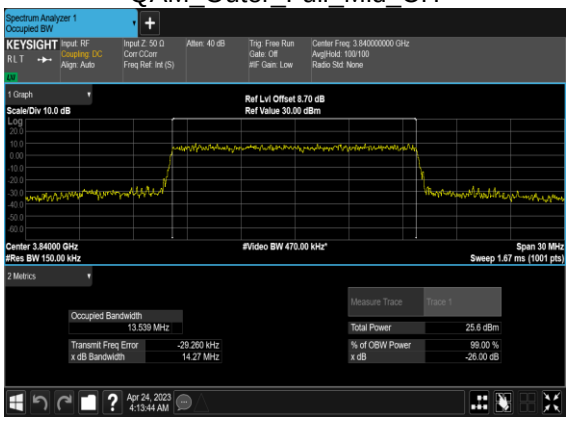
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



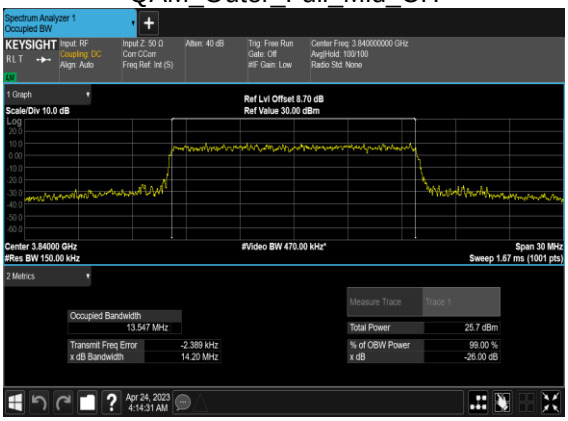
N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



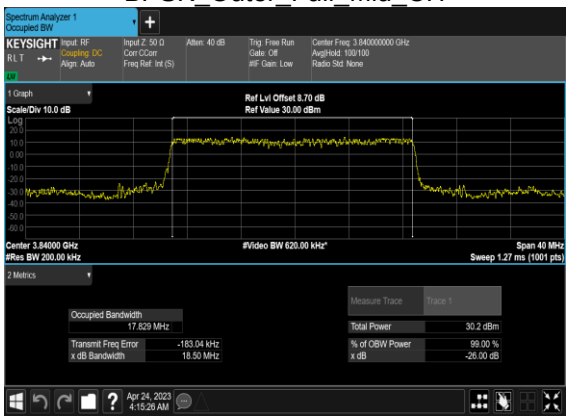
N77(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



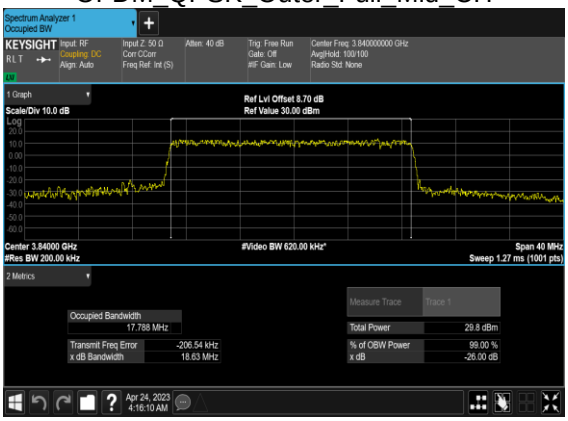
N77(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



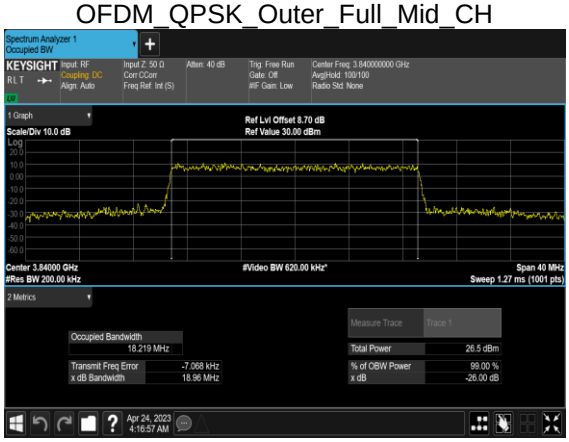
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



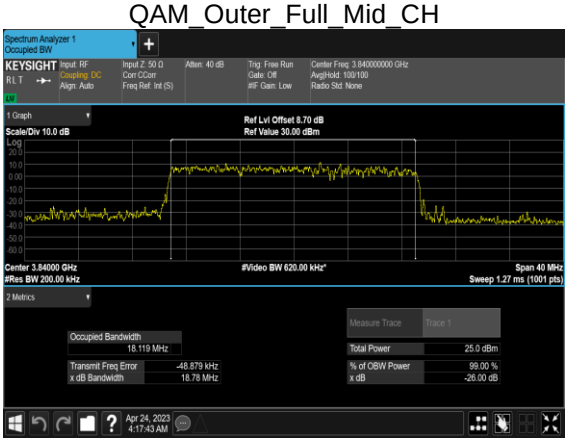
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



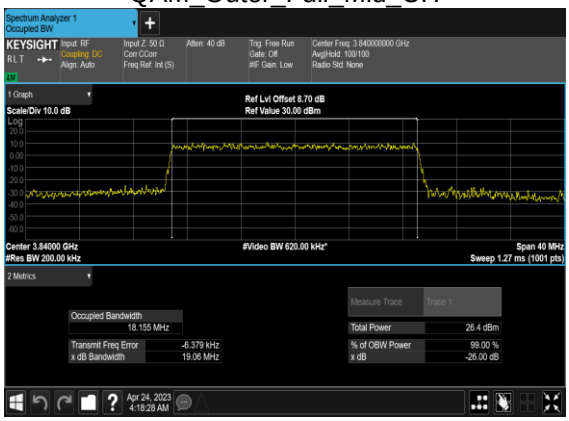
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



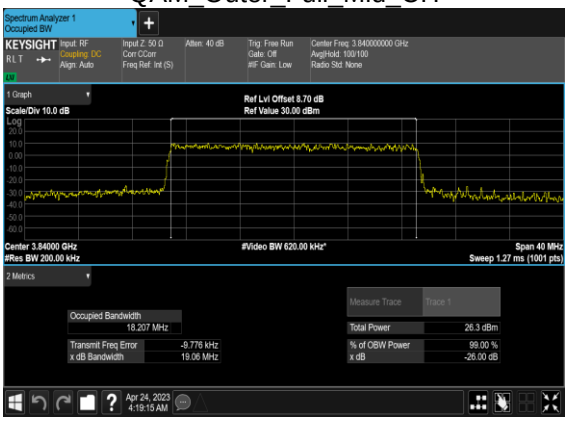
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



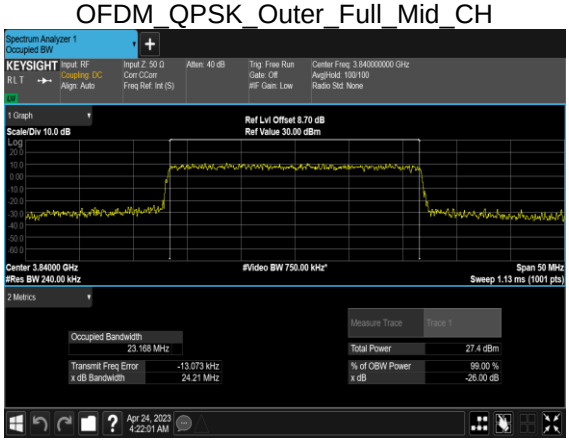
N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



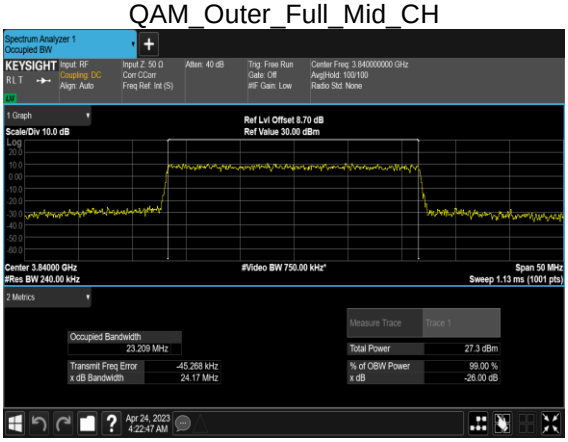
N77(25M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N77(25M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

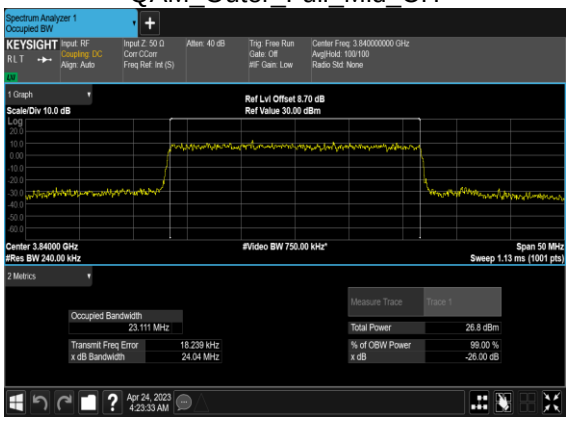
N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



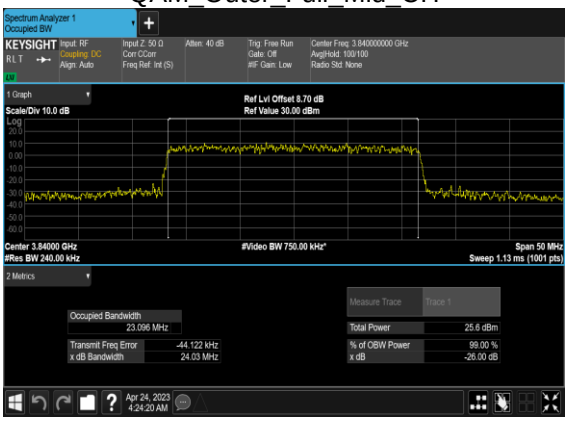
N77(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



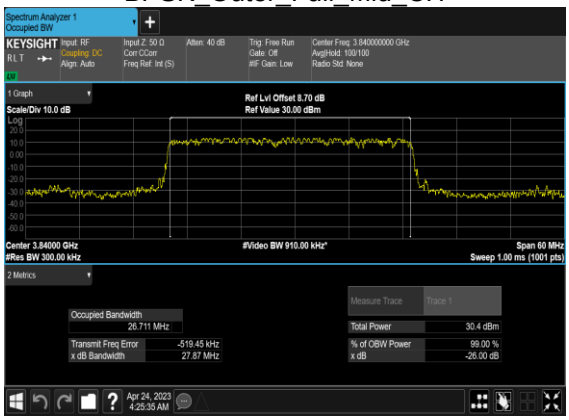
N77(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



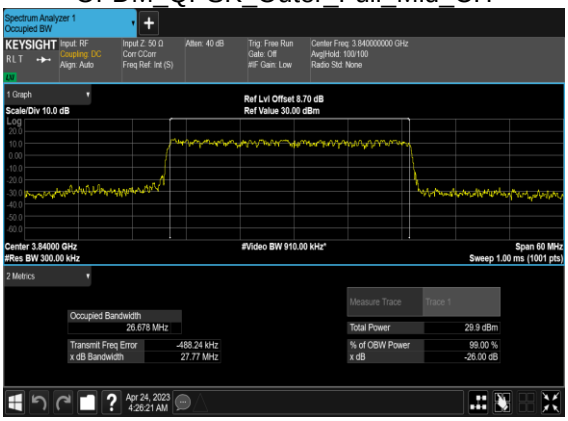
N77(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



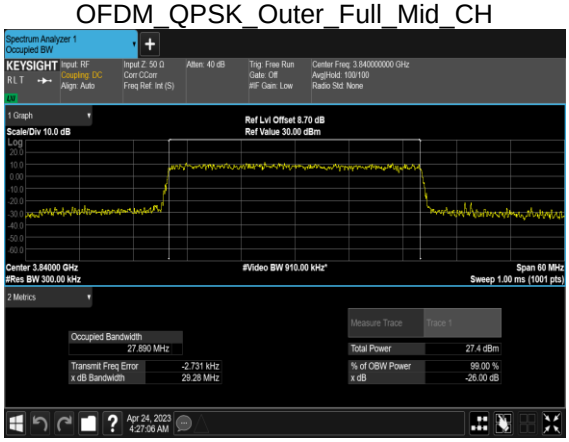
N77(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



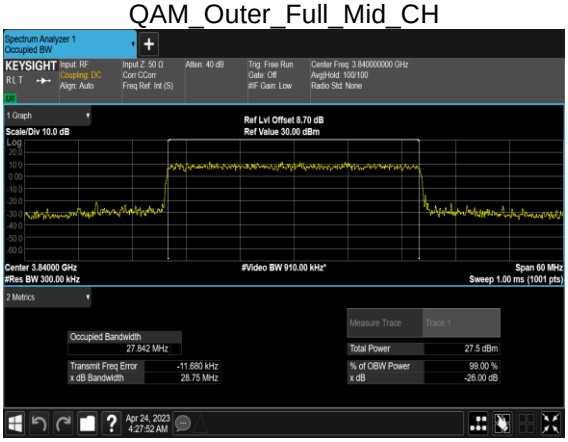
N77(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



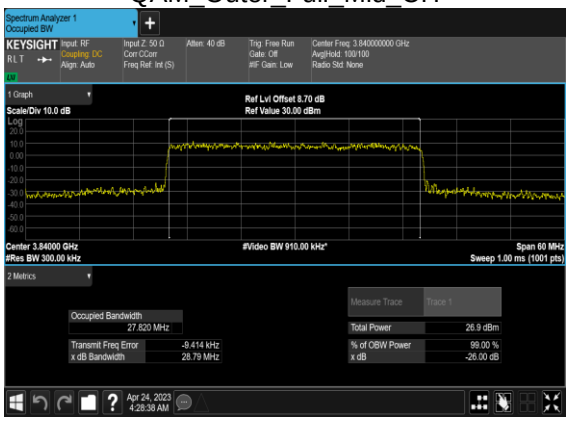
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



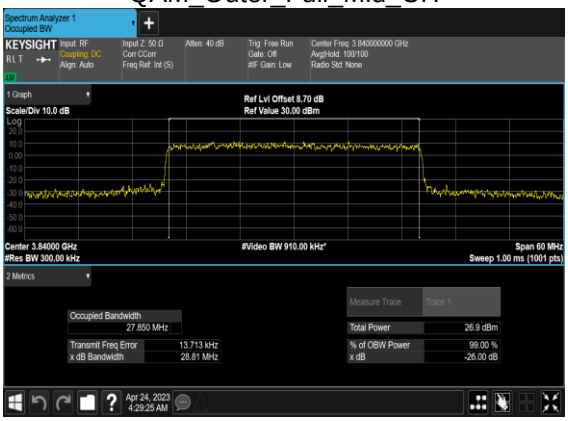
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



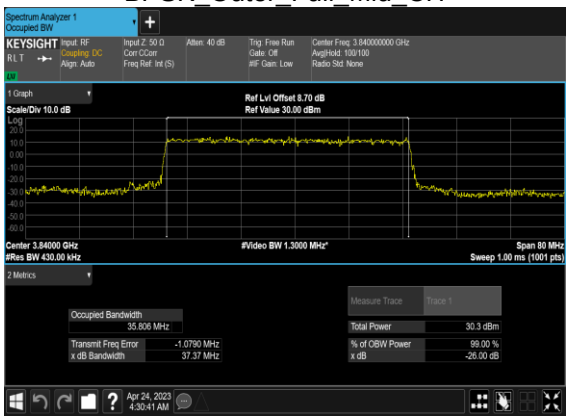
N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



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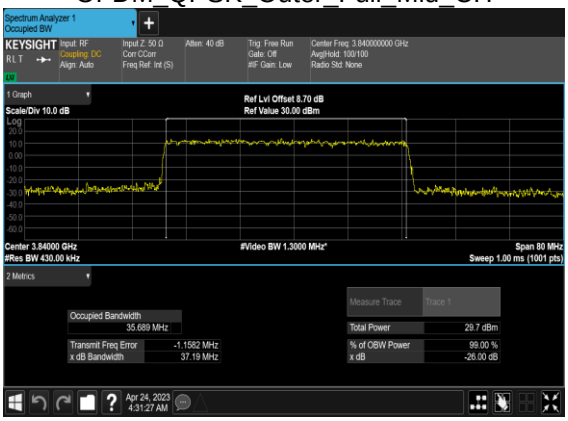
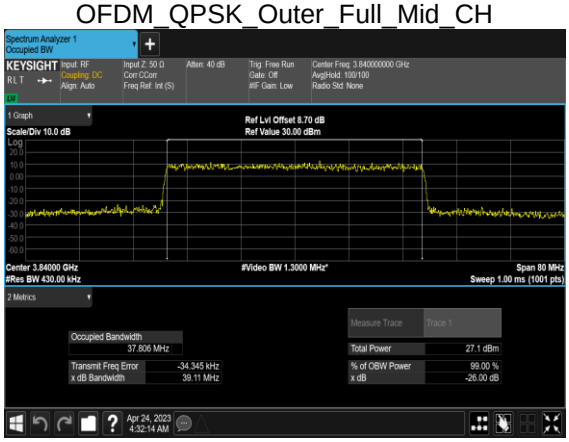
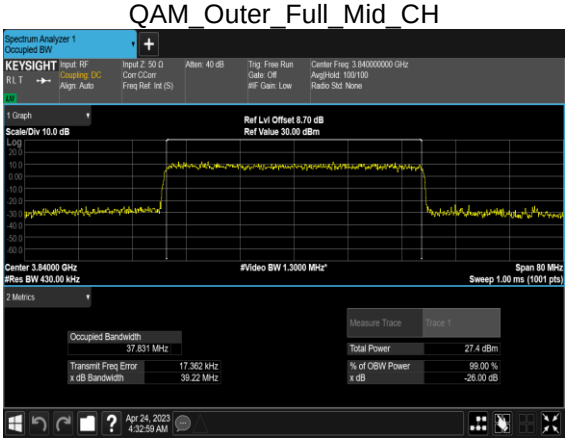


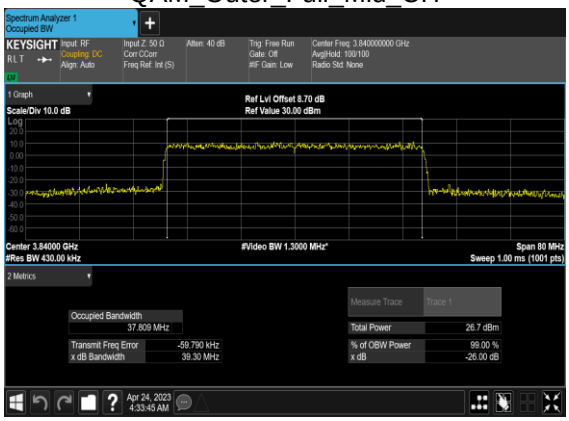
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



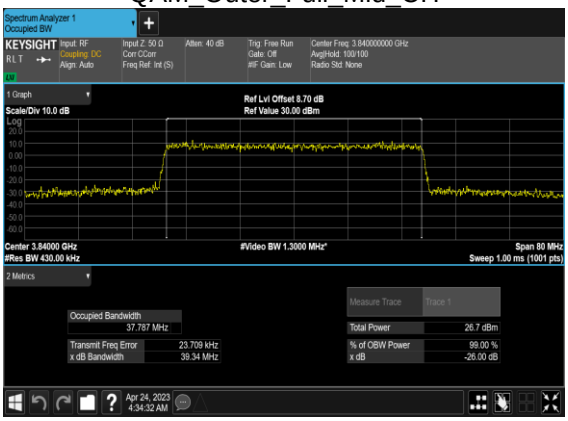
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



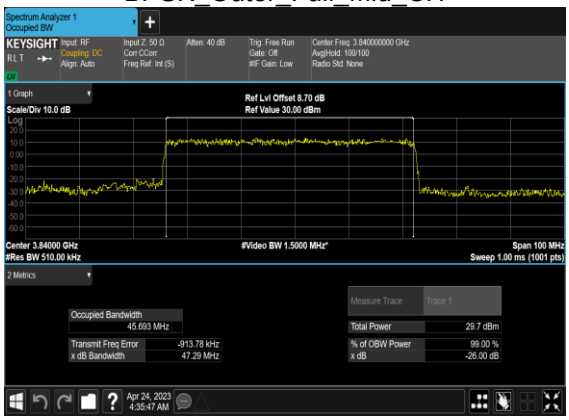
N77(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



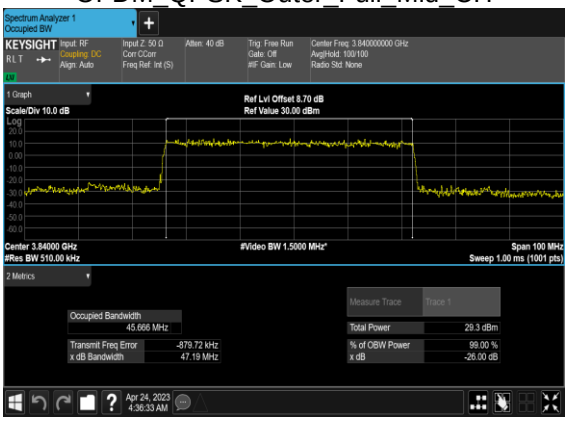
N77(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



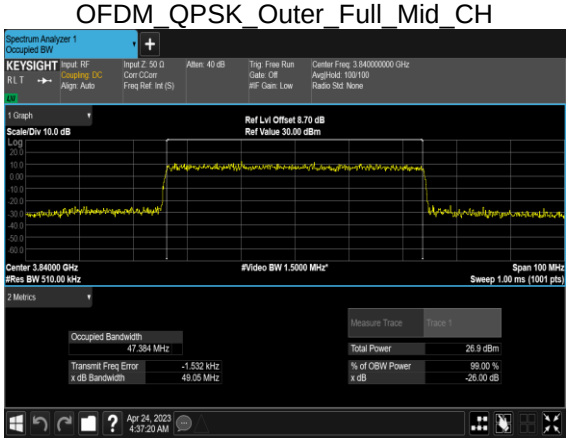
N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



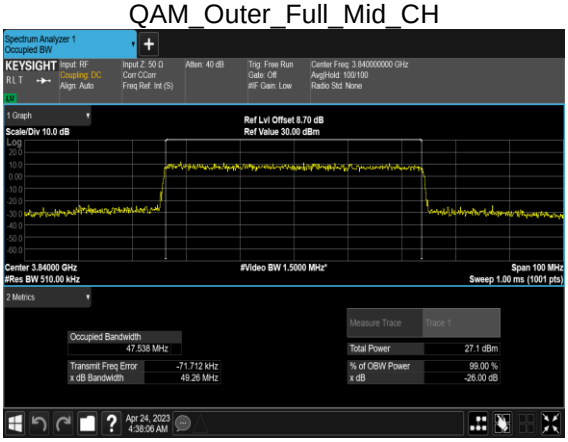
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



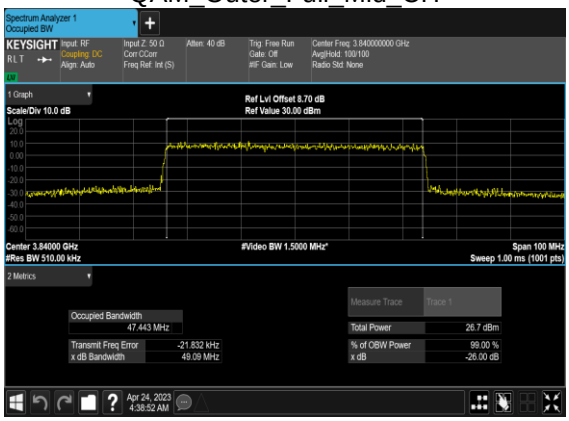
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH