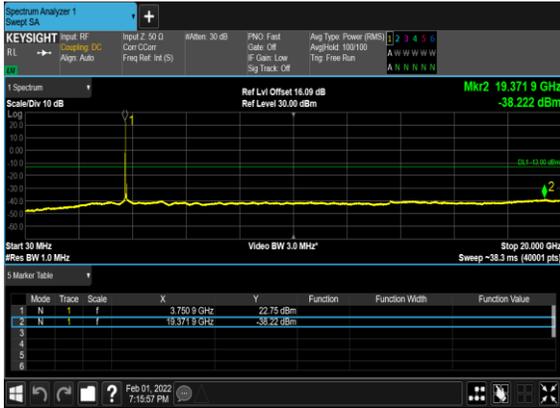
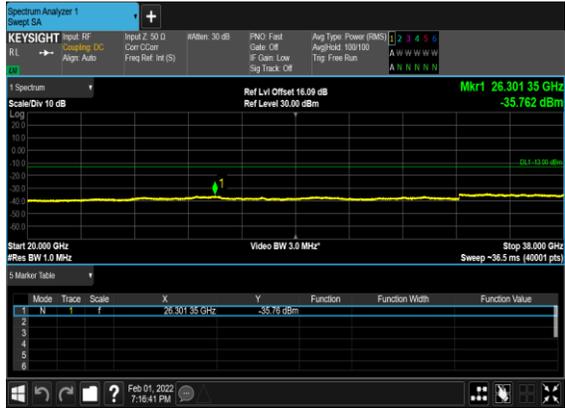


N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N78(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
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	15	10	653000	3795.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	1@269	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@269	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	270@0	see graph	PASS

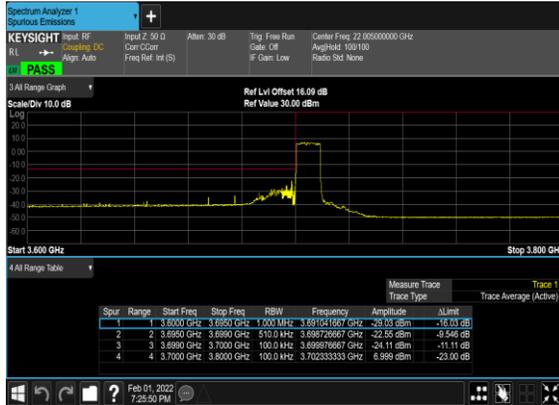
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



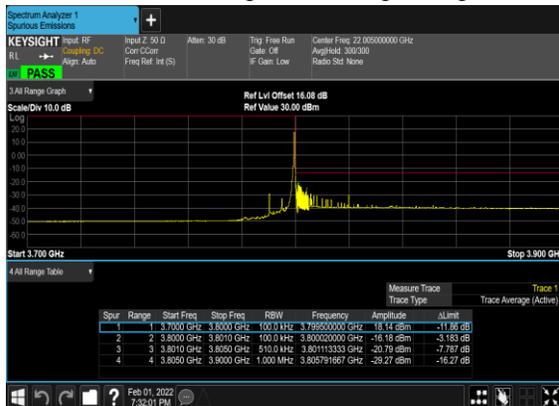
N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



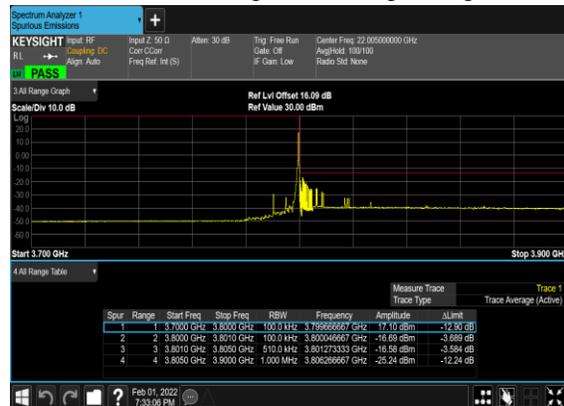
N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



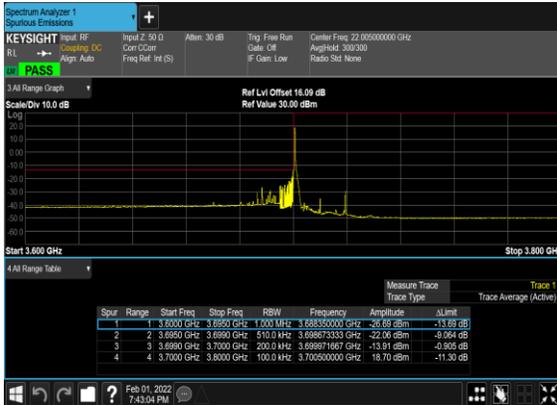
N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



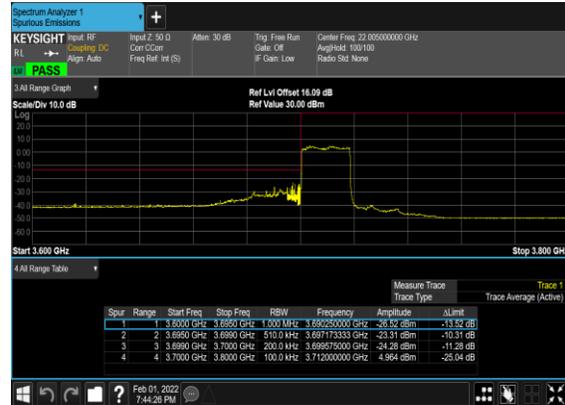
N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



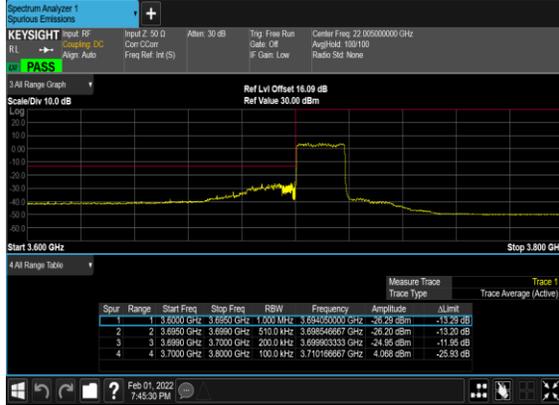
N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



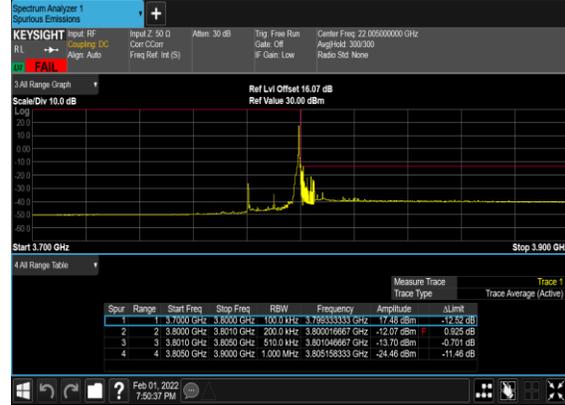
N78(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_ch P_PASS



N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



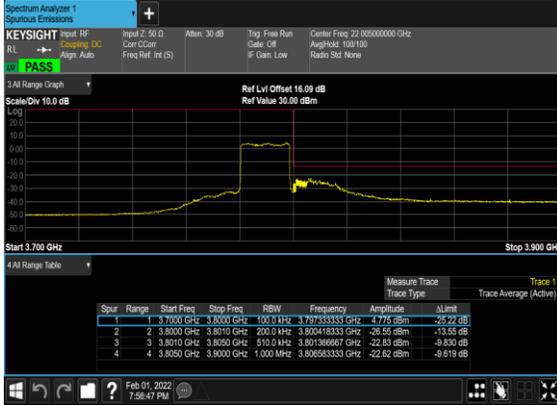
N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_ch P_PASS



N78(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



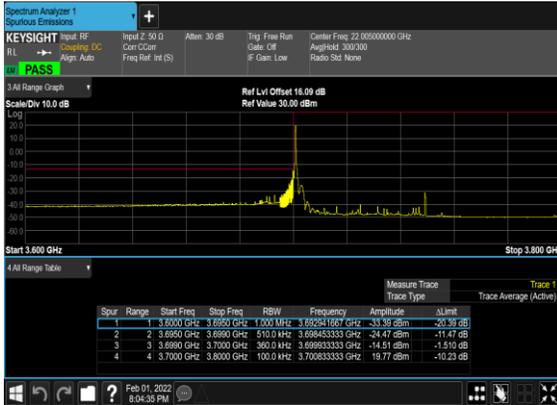
N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



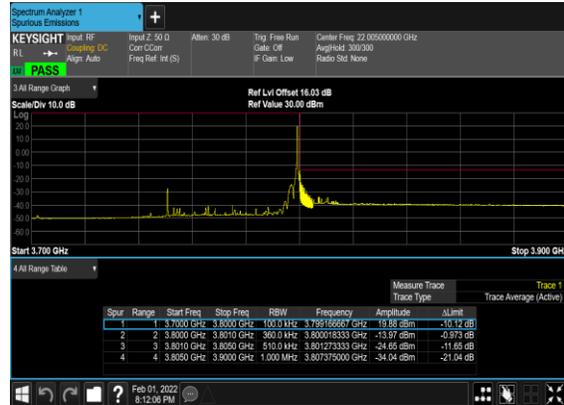
N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



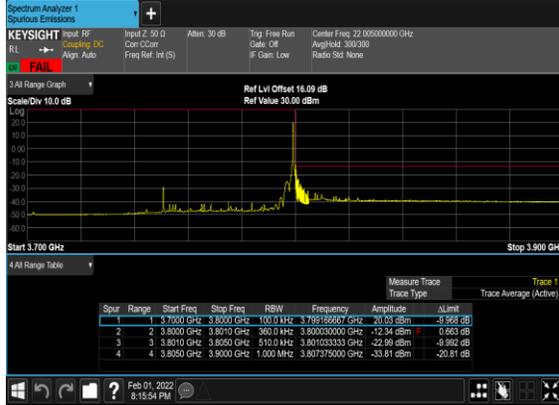
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



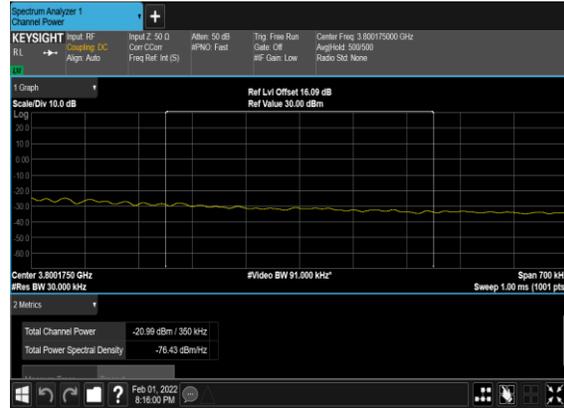
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_ch P_PASS



N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N78– SCS 30kHz

Transmitter Conducted Output Power And EIRP, (GT - LC)=-1.47dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	12@6	27.39	25.92	0.3908
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	27.26	25.79	0.3793
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@22	27.23	25.76	0.3767
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	27.42	25.95	0.3936
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	27.5	26.03	0.4009
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	27.43	25.96	0.3945
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	26.42	24.95	0.3126
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	26.15	24.68	0.2938
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	26.2	24.73	0.2972
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	12@6	24.9	23.43	0.2203
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@1	24.68	23.21	0.2094
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@22	24.64	23.17	0.2075
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	12@6	22.86	21.39	0.1377
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@1	22.93	21.46	0.1400
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@22	22.84	21.37	0.1371
78	30	10	647000	3705	CP-OFDM QPSK	12@6	25.96	24.49	0.2812
78	30	10	647000	3705	CP-OFDM QPSK	1@1	25.73	24.26	0.2667
78	30	10	647000	3705	CP-OFDM QPSK	1@22	25.67	24.2	0.2630
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	12@6	27.33	25.86	0.3855
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.17	25.7	0.3715
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@22	27.12	25.65	0.3673
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	27.41	25.94	0.3926
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	27.32	25.85	0.3846
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	27.37	25.9	0.3890
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	26.42	24.95	0.3126
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.17	24.7	0.2951

78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	26.13	24.66	0.2924
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	12@6	24.83	23.36	0.2168
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.6	23.13	0.2056
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@22	24.57	23.1	0.2042
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	12@6	22.86	21.39	0.1377
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@1	23.02	21.55	0.1429
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@22	23.03	21.56	0.1432
78	30	10	650000	3750	CP-OFDM QPSK	12@6	25.9	24.43	0.2773
78	30	10	650000	3750	CP-OFDM QPSK	1@1	25.92	24.45	0.2786
78	30	10	650000	3750	CP-OFDM QPSK	1@22	25.87	24.4	0.2754
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	12@6	27.25	25.78	0.3784
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	27.06	25.59	0.3622
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@22	27.14	25.67	0.3690
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	27.33	25.86	0.3855
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	27.25	25.78	0.3784
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	27.29	25.82	0.3819
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	26.37	24.9	0.3090
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	26.1	24.63	0.2904
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	26.04	24.57	0.2864
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	12@6	24.79	23.32	0.2148
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@1	24.33	22.86	0.1932
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@22	24.51	23.04	0.2014
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	12@6	22.8	21.33	0.1358
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@1	22.8	21.33	0.1358
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@22	22.85	21.38	0.1374
78	30	10	653000	3795	CP-OFDM QPSK	12@6	25.84	24.37	0.2735
78	30	10	653000	3795	CP-OFDM QPSK	1@1	25.66	24.19	0.2624
78	30	10	653000	3795	CP-OFDM QPSK	1@22	25.62	24.15	0.2600
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	18@9	27.33	25.86	0.3855
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@1	27.23	25.76	0.3767
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@36	27.21	25.74	0.3750

78	30	15	647168	3707.52	DFT-s-OFDM QPSK	18@9	27.35	25.88	0.3873
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	27.34	25.87	0.3864
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@36	27.4	25.93	0.3917
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	18@9	26.37	24.9	0.3090
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	26.34	24.87	0.3069
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@36	26.28	24.81	0.3027
78	30	15	647168	3707.52	DFT-s-OFDM 64 QAM	18@9	24.87	23.4	0.2188
78	30	15	647168	3707.52	DFT-s-OFDM 64 QAM	1@1	24.59	23.12	0.2051
78	30	15	647168	3707.52	DFT-s-OFDM 64 QAM	1@36	24.66	23.19	0.2084
78	30	15	647168	3707.52	DFT-s-OFDM 256 QAM	18@9	22.87	21.4	0.1380
78	30	15	647168	3707.52	DFT-s-OFDM 256 QAM	1@1	23	21.53	0.1422
78	30	15	647168	3707.52	DFT-s-OFDM 256 QAM	1@36	22.72	21.25	0.1334
78	30	15	647168	3707.52	CP-OFDM QPSK	19@9	25.78	24.31	0.2698
78	30	15	647168	3707.52	CP-OFDM QPSK	1@1	25.61	24.14	0.2594
78	30	15	647168	3707.52	CP-OFDM QPSK	1@36	25.7	24.23	0.2649
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	18@9	27.29	25.82	0.3819
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.14	25.67	0.3690
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@36	27.19	25.72	0.3733
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	27.32	25.85	0.3846
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	27.32	25.85	0.3846
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	27.32	25.85	0.3846
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	26.34	24.87	0.3069
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.09	24.62	0.2897
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	26.23	24.76	0.2992
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	18@9	24.84	23.37	0.2173
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.73	23.26	0.2118
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@36	24.79	23.32	0.2148
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	18@9	22.83	21.36	0.1368
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.78	21.31	0.1352
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@36	22.91	21.44	0.1393
78	30	15	650000	3750	CP-OFDM QPSK	19@9	25.81	24.34	0.2716

78	30	15	650000	3750	CP-OFDM QPSK	1@1	25.66	24.19	0.2624
78	30	15	650000	3750	CP-OFDM QPSK	1@36	25.63	24.16	0.2606
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	18@9	27.2	25.73	0.3741
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	27.07	25.6	0.3631
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@36	27.08	25.61	0.3639
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	27.21	25.74	0.3750
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	27.2	25.73	0.3741
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	27.22	25.75	0.3758
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	26.24	24.77	0.2999
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	26.13	24.66	0.2924
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	26	24.53	0.2838
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	18@9	24.7	23.23	0.2104
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@1	24.51	23.04	0.2014
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@36	24.52	23.05	0.2018
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	18@9	22.71	21.24	0.1330
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@1	22.9	21.43	0.1390
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@36	22.9	21.43	0.1390
78	30	15	652832	3792.48	CP-OFDM QPSK	19@9	25.68	24.21	0.2636
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	25.52	24.05	0.2541
78	30	15	652832	3792.48	CP-OFDM QPSK	1@36	25.52	24.05	0.2541
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	27.38	25.91	0.3899
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	27.17	25.7	0.3715
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	27.15	25.68	0.3698
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	27.43	25.96	0.3945
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	27.23	25.76	0.3767
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	27.36	25.89	0.3882
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	26.47	25	0.3162
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	26.12	24.65	0.2917
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	26.14	24.67	0.2931
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	24.94	23.47	0.2223
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	24.63	23.16	0.2070

78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	24.65	23.18	0.2080
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	22.87	21.4	0.1380
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	22.86	21.39	0.1377
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	22.82	21.35	0.1365
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	25.88	24.41	0.2761
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	25.76	24.29	0.2685
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	26.04	24.57	0.2864
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	27.34	25.87	0.3864
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.09	25.62	0.3648
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	27.1	25.63	0.3656
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	27.4	25.93	0.3917
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	27.32	25.85	0.3846
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	27.2	25.73	0.3741
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	26.45	24.98	0.3148
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.11	24.64	0.2911
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	26.1	24.63	0.2904
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	24.9	23.43	0.2203
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.52	23.05	0.2018
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	24.48	23.01	0.2000
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	22.81	21.34	0.1361
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.83	21.36	0.1368
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	22.84	21.37	0.1371
78	30	20	650000	3750	CP-OFDM QPSK	25@12	25.85	24.38	0.2742
78	30	20	650000	3750	CP-OFDM QPSK	1@1	25.57	24.1	0.2570
78	30	20	650000	3750	CP-OFDM QPSK	1@49	25.61	24.14	0.2594
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	27.26	25.79	0.3793
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	27	25.53	0.3573
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	26.99	25.52	0.3565
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	27.31	25.84	0.3837
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	27.13	25.66	0.3681
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	27.16	25.69	0.3707

78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	26.31	24.84	0.3048
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	26.05	24.58	0.2871
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	25.95	24.48	0.2805
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	24.75	23.28	0.2128
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	24.65	23.18	0.2080
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	24.59	23.12	0.2051
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	22.71	21.24	0.1330
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	22.55	21.08	0.1282
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	22.75	21.28	0.1343
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	25.76	24.29	0.2685
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	25.51	24.04	0.2535
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	25.51	24.04	0.2535
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	27.26	25.79	0.3793
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	26.71	25.24	0.3342
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	26.67	25.2	0.3311
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	27.3	25.83	0.3828
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.77	25.3	0.3388
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	26.71	25.24	0.3342
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	26.3	24.83	0.3041
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.66	24.19	0.2624
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	25.54	24.07	0.2553
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	24.79	23.32	0.2148
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	23.91	22.44	0.1754
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	24.13	22.66	0.1845
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	22.76	21.29	0.1346
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	22.41	20.94	0.1242
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	22.38	20.91	0.1233
78	30	40	648000	3720	CP-OFDM QPSK	53@26	25.73	24.26	0.2667
78	30	40	648000	3720	CP-OFDM QPSK	1@1	25.12	23.65	0.2317
78	30	40	648000	3720	CP-OFDM QPSK	1@104	25.1	23.63	0.2307
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	27.24	25.77	0.3776

78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.7	25.23	0.3334
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	26.66	25.19	0.3304
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	27.28	25.81	0.3811
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.83	25.36	0.3436
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	26.72	25.25	0.3350
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	26.27	24.8	0.3020
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.72	24.25	0.2661
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	25.6	24.13	0.2588
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	24.81	23.34	0.2158
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.35	22.88	0.1941
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	24.19	22.72	0.1871
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	22.77	21.3	0.1349
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.6	21.13	0.1297
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	22.17	20.7	0.1175
78	30	40	650000	3750	CP-OFDM QPSK	53@26	25.74	24.27	0.2673
78	30	40	650000	3750	CP-OFDM QPSK	1@1	25.25	23.78	0.2388
78	30	40	650000	3750	CP-OFDM QPSK	1@104	25.17	23.7	0.2344
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	27.17	25.7	0.3715
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	26.64	25.17	0.3289
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	26.61	25.14	0.3266
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	27.2	25.73	0.3741
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.82	25.35	0.3428
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	26.78	25.31	0.3396
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	26.2	24.73	0.2972
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.68	24.21	0.2636
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	25.6	24.13	0.2588
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	24.67	23.2	0.2089
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	24.05	22.58	0.1811
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	24.04	22.57	0.1807
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	22.68	21.21	0.1321
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	22.53	21.06	0.1276

78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	22.28	20.81	0.1205
78	30	40	652000	3780	CP-OFDM QPSK	53@26	25.64	24.17	0.2612
78	30	40	652000	3780	CP-OFDM QPSK	1@1	25.12	23.65	0.2317
78	30	40	652000	3780	CP-OFDM QPSK	1@104	25.07	23.6	0.2291
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	27.31	25.84	0.3837
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	26.95	25.48	0.3532
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	26.93	25.46	0.3516
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	27.32	25.85	0.3846
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.95	25.48	0.3532
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	27.13	25.66	0.3681
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	26.35	24.88	0.3076
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.93	24.46	0.2793
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	25.88	24.41	0.2761
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	24.83	23.36	0.2168
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	24.43	22.96	0.1977
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	24.32	22.85	0.1928
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	22.79	21.32	0.1355
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	22.73	21.26	0.1337
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	22.59	21.12	0.1294
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	25.77	24.3	0.2692
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	25.45	23.98	0.2500
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	25.44	23.97	0.2495
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	27.29	25.82	0.3819
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.01	25.54	0.3581
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	26.85	25.38	0.3451
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	27.31	25.84	0.3837
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	27.23	25.76	0.3767
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	26.94	25.47	0.3524
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	26.32	24.85	0.3055
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	26	24.53	0.2838
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	25.86	24.39	0.2748

78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	24.83	23.36	0.2168
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.44	22.97	0.1982
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	24.23	22.76	0.1888
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	22.81	21.34	0.1361
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.47	21	0.1259
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	22.36	20.89	0.1227
78	30	50	650000	3750	CP-OFDM QPSK	67@33	25.75	24.28	0.2679
78	30	50	650000	3750	CP-OFDM QPSK	1@1	25.51	24.04	0.2535
78	30	50	650000	3750	CP-OFDM QPSK	1@131	25.39	23.92	0.2466
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	27.2	25.73	0.3741
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	26.95	25.48	0.3532
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	26.83	25.36	0.3436
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	27.21	25.74	0.3750
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	26.94	25.47	0.3524
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	27.15	25.68	0.3698
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	26.23	24.76	0.2992
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.91	24.44	0.2780
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	25.84	24.37	0.2735
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	24.71	23.24	0.2109
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	24.32	22.85	0.1928
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	24.28	22.81	0.1910
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	22.7	21.23	0.1327
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	22.64	21.17	0.1309
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	22.56	21.09	0.1285
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	25.71	24.24	0.2655
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	25.47	24	0.2512
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	25.36	23.89	0.2449
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	27.29	25.82	0.3819
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	26.81	25.34	0.3420
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	26.79	25.32	0.3404
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	27.31	25.84	0.3837

78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	26.92	25.45	0.3508
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	26.91	25.44	0.3499
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	26.32	24.85	0.3055
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.85	24.38	0.2742
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	25.88	24.41	0.2761
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	24.82	23.35	0.2163
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	24	22.53	0.1791
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	24.15	22.68	0.1854
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	22.78	21.31	0.1352
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	22.34	20.87	0.1222
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	22.47	21	0.1259
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	25.78	24.31	0.2698
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	25.42	23.95	0.2483
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	25.34	23.87	0.2438
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	27.25	25.78	0.3784
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.93	25.46	0.3516
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	26.74	25.27	0.3365
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	27.25	25.78	0.3784
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	27.15	25.68	0.3698
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	27.04	25.57	0.3606
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	26.26	24.79	0.3013
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.86	24.39	0.2748
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	25.88	24.41	0.2761
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	24.73	23.26	0.2118
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.05	22.58	0.1811
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	24.12	22.65	0.1841
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	22.77	21.3	0.1349
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.75	21.28	0.1343
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	22.45	20.98	0.1253
78	30	60	650000	3750	CP-OFDM QPSK	81@40	25.8	24.33	0.2710
78	30	60	650000	3750	CP-OFDM QPSK	1@1	25.39	23.92	0.2466

78	30	60	650000	3750	CP-OFDM QPSK	1@160	25.26	23.79	0.2393
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	27.23	25.76	0.3767
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	26.84	25.37	0.3443
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	26.75	25.28	0.3373
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	27.26	25.79	0.3793
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	26.91	25.44	0.3499
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	26.93	25.46	0.3516
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	26.26	24.79	0.3013
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	25.86	24.39	0.2748
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	25.7	24.23	0.2649
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	24.7	23.23	0.2104
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	24.25	22.78	0.1897
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	24.13	22.66	0.1845
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	22.72	21.25	0.1334
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	22.47	21	0.1259
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	22.23	20.76	0.1191
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	25.75	24.28	0.2679
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	25.32	23.85	0.2427
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	25.29	23.82	0.2410
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	27.37	25.9	0.3890
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	26.69	25.22	0.3327
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	26.56	25.09	0.3228
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	27.38	25.91	0.3899
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	26.8	25.33	0.3412
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	26.76	25.29	0.3381
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	26.42	24.95	0.3126
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.72	24.25	0.2661
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	25.54	24.07	0.2553
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	24.88	23.41	0.2193
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	24.07	22.6	0.1820
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	23.94	22.47	0.1766

78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	22.87	21.4	0.1380
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	22.22	20.75	0.1189
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	22.23	20.76	0.1191
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	25.84	24.37	0.2735
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	25.19	23.72	0.2355
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	25.09	23.62	0.2301
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	27.3	25.83	0.3828
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.72	25.25	0.3350
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	26.56	25.09	0.3228
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	27.34	25.87	0.3864
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	26.74	25.27	0.3365
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	26.73	25.26	0.3357
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	26.36	24.89	0.3083
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.7	24.23	0.2649
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	25.53	24.06	0.2547
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	24.82	23.35	0.2163
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.06	22.59	0.1816
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	23.91	22.44	0.1754
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	22.8	21.33	0.1358
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.14	20.67	0.1167
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	22.16	20.69	0.1172
78	30	80	650000	3750	CP-OFDM QPSK	109@54	25.78	24.31	0.2698
78	30	80	650000	3750	CP-OFDM QPSK	1@1	25.03	23.56	0.2270
78	30	80	650000	3750	CP-OFDM QPSK	1@215	24.86	23.39	0.2183
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	27.28	25.81	0.3811
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	26.7	25.23	0.3334
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	26.55	25.08	0.3221
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	27.31	25.84	0.3837
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	27.19	25.72	0.3733
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	26.87	25.4	0.3467
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	26.33	24.86	0.3062

78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	25.76	24.29	0.2685
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	25.51	24.04	0.2535
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	24.77	23.3	0.2138
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	24.1	22.63	0.1832
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	23.89	22.42	0.1746
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	22.81	21.34	0.1361
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	22.21	20.74	0.1186
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	22.17	20.7	0.1175
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	25.74	24.27	0.2673
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	25.21	23.74	0.2366
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	25.09	23.62	0.2301
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	27.28	25.81	0.3811
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	26.56	25.09	0.3228
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	26.39	24.92	0.3105
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	27.31	25.84	0.3837
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	26.55	25.08	0.3221
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	26.37	24.9	0.3090
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	26.35	24.88	0.3076
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	25.51	24.04	0.2535
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	25.35	23.88	0.2443
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	24.81	23.34	0.2158
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	23.9	22.43	0.1750
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	23.74	22.27	0.1687
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	22.8	21.33	0.1358
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	22.17	20.7	0.1175
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	21.95	20.48	0.1117
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	25.78	24.31	0.2698
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	24.95	23.48	0.2228
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	24.86	23.39	0.2183
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	27.25	25.78	0.3784
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.55	25.08	0.3221

78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	26.37	24.9	0.3090
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	27.28	25.81	0.3811
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26.7	25.23	0.3334
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	26.49	25.02	0.3177
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	26.31	24.84	0.3048
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.49	24.02	0.2523
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	25.35	23.88	0.2443
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	24.75	23.28	0.2128
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.91	22.44	0.1754
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	23.77	22.3	0.1698
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	22.76	21.29	0.1346
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.03	20.56	0.1138
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	22.17	20.7	0.1175
78	30	90	650000	3750	CP-OFDM QPSK	123@61	25.74	24.27	0.2673
78	30	90	650000	3750	CP-OFDM QPSK	1@1	25	23.53	0.2254
78	30	90	650000	3750	CP-OFDM QPSK	1@243	24.81	23.34	0.2158
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	27.22	25.75	0.3758
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	26.51	25.04	0.3192
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	26.33	24.86	0.3062
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	27.26	25.79	0.3793
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.78	25.31	0.3396
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	26.54	25.07	0.3214
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	26.27	24.8	0.3020
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	25.59	24.12	0.2582
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	25.28	23.81	0.2404
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	24.75	23.28	0.2128
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	23.93	22.46	0.1762
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	23.73	22.26	0.1683
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	22.7	21.23	0.1327
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	22.33	20.86	0.1219
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	22.11	20.64	0.1159

78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	25.7	24.23	0.2649
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	25.04	23.57	0.2275
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	24.79	23.32	0.2148
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	27.23	25.76	0.3767
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.31	24.84	0.3048
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.19	24.72	0.2965
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	27.26	25.79	0.3793
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.35	24.88	0.3076
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.3	24.83	0.3041
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	26.27	24.8	0.3020
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.34	23.87	0.2438
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.2	23.73	0.2360
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	24.8	23.33	0.2153
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.65	22.18	0.1652
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.58	22.11	0.1626
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	22.75	21.28	0.1343
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.89	20.42	0.1102
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.79	20.32	0.1076
78	30	100	650000	3750	CP-OFDM QPSK	137@68	25.78	24.31	0.2698
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.73	23.26	0.2118
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.62	23.15	0.2065

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00301	PASS	NV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00337	PASS	LV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00477	PASS	HV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00058	PASS	-30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00497	PASS	-20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00398	PASS	-10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00627	PASS	0°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00241	PASS	10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00055	PASS	20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00313	PASS	30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00497	PASS	40°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	0.00459	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	7.06	13	PASS
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	7.76	13	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.05	13	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	9.0	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	50@0	7.01	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@0	8.28	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	7.95	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	8.76	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	50@0	6.85	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@0	7.99	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	7.75	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	8.69	13	PASS

N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



N78(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N78(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



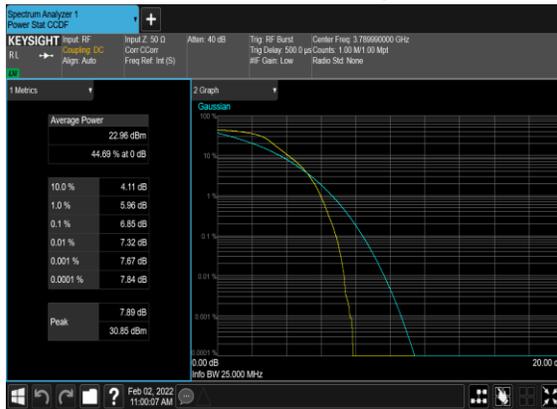
N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



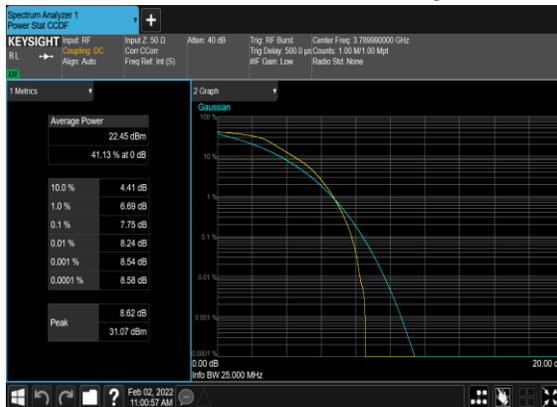
N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



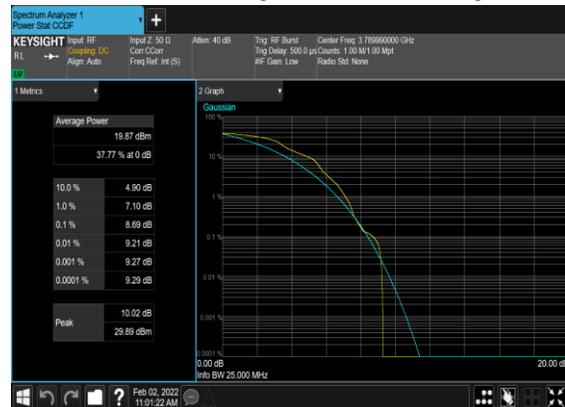
N78(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N78(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)
78	30	10	650000	3750.0	DFT-s-OFDM PI/2 BPSK	24@0	8.5765	9.247
78	30	10	650000	3750.0	DFT-s-OFDM QPSK	24@0	8.5775	9.349
78	30	10	650000	3750.0	CP-OFDM QPSK	24@0	8.5903	9.423
78	30	10	650000	3750.0	CP-OFDM 16 QAM	24@0	8.5779	9.352
78	30	10	650000	3750.0	CP-OFDM 64 QAM	24@0	8.584	9.28
78	30	10	650000	3750.0	CP-OFDM 256 QAM	24@0	8.5763	9.452
78	30	15	650000	3750.0	DFT-s-OFDM PI/2 BPSK	36@0	12.896	13.84
78	30	15	650000	3750.0	DFT-s-OFDM QPSK	36@0	12.841	13.89
78	30	15	650000	3750.0	CP-OFDM QPSK	38@0	13.565	14.44
78	30	15	650000	3750.0	CP-OFDM 16 QAM	38@0	13.569	14.43
78	30	15	650000	3750.0	CP-OFDM 64 QAM	38@0	13.567	14.29
78	30	15	650000	3750.0	CP-OFDM 256 QAM	38@0	13.566	14.61
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	50@0	17.817	18.89
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	17.773	18.97
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	18.187	19.37
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	18.213	19.39
78	30	20	650000	3750.0	CP-OFDM 64 QAM	51@0	18.196	19.29
78	30	20	650000	3750.0	CP-OFDM 256 QAM	51@0	18.222	19.38
78	30	40	650000	3750.0	DFT-s-OFDM PI/2 BPSK	100@0	35.75	37.72
78	30	40	650000	3750.0	DFT-s-OFDM QPSK	100@0	35.742	37.79
78	30	40	650000	3750.0	CP-OFDM QPSK	106@0	37.858	39.42
78	30	40	650000	3750.0	CP-OFDM 16 QAM	106@0	37.863	39.66
78	30	40	650000	3750.0	CP-OFDM 64 QAM	106@0	37.866	39.19
78	30	40	650000	3750.0	CP-OFDM 256 QAM	106@0	37.755	39.49

78	30	50	650000	3750.0	DFT-s-OFDM PI/2 BPSK	128@0	45.725	47.63
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	128@0	45.741	47.92
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.475	49.29
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.486	49.51
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.488	49.26
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.423	49.35
78	30	60	650000	3750.0	DFT-s-OFDM PI/2 BPSK	162@0	57.88	59.97
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	162@0	57.797	59.94
78	30	60	650000	3750.0	CP-OFDM QPSK	162@0	57.9	59.73
78	30	60	650000	3750.0	CP-OFDM 16 QAM	162@0	57.83	59.89
78	30	60	650000	3750.0	CP-OFDM 64 QAM	162@0	57.76	59.77
78	30	60	650000	3750.0	CP-OFDM 256 QAM	162@0	57.813	59.69
78	30	80	650000	3750.0	DFT-s-OFDM PI/2 BPSK	216@0	77.067	79.86
78	30	80	650000	3750.0	DFT-s-OFDM QPSK	216@0	77.438	79.63
78	30	80	650000	3750.0	CP-OFDM QPSK	217@0	77.457	80.05
78	30	80	650000	3750.0	CP-OFDM 16 QAM	217@0	77.425	80.0
78	30	80	650000	3750.0	CP-OFDM 64 QAM	217@0	77.479	80.12
78	30	80	650000	3750.0	CP-OFDM 256 QAM	217@0	77.462	80.08
78	30	90	650000	3750.0	DFT-s-OFDM PI/2 BPSK	240@0	85.56	88.7
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	240@0	85.667	88.86
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.455	90.24
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.514	90.52
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.384	90.29
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.347	90.37
78	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	270@0	96.316	99.54
78	30	100	650000	3750.0	DFT-s-OFDM	270@0	96.357	99.53

QPSK								
78	30	100	650000	3750.0	CP-OFDM QPSK	273@0	97.338	100.6
78	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	97.231	100.6
78	30	100	650000	3750.0	CP-OFDM 64 QAM	273@0	97.121	100.5
78	30	100	650000	3750.0	CP-OFDM 256 QAM	273@0	97.299	100.6

N78(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



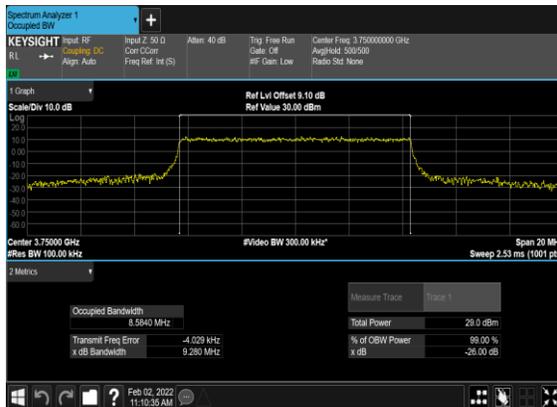
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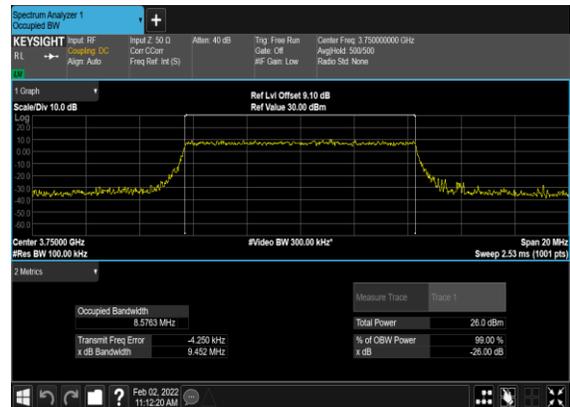
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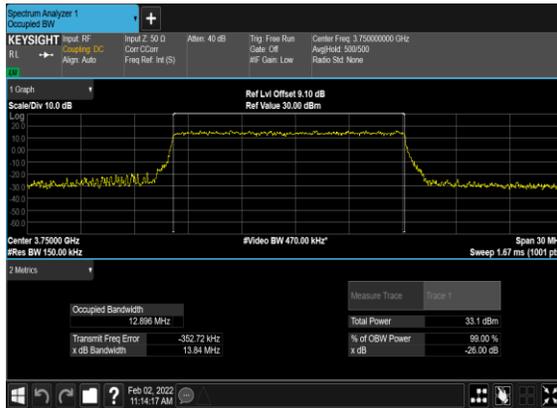
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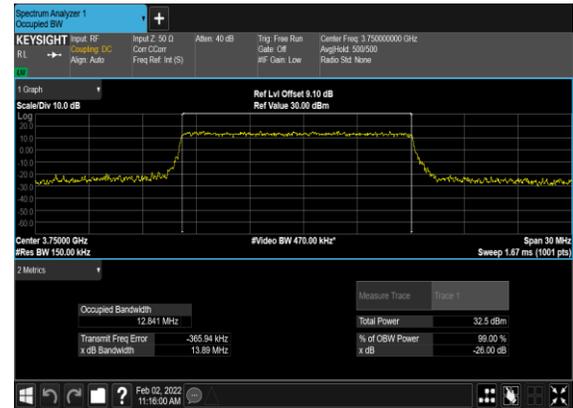
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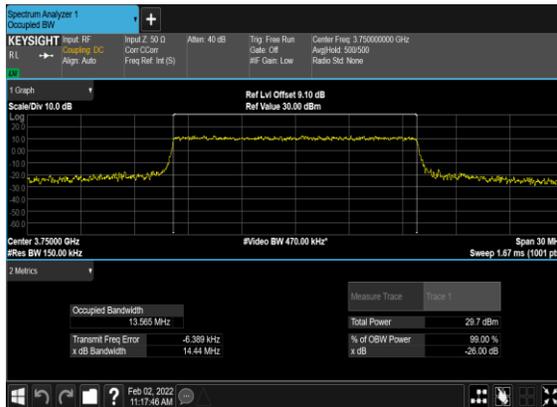
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BPSK_Outer_Full_Mid_CH



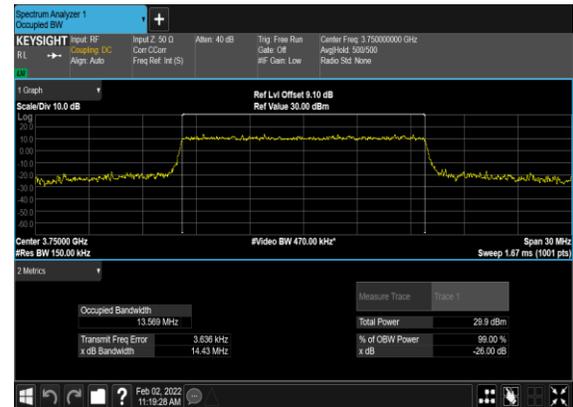
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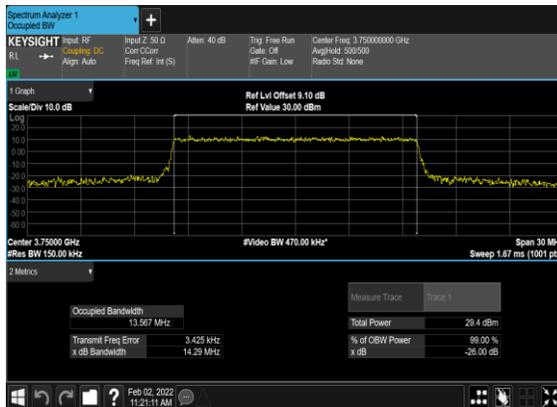
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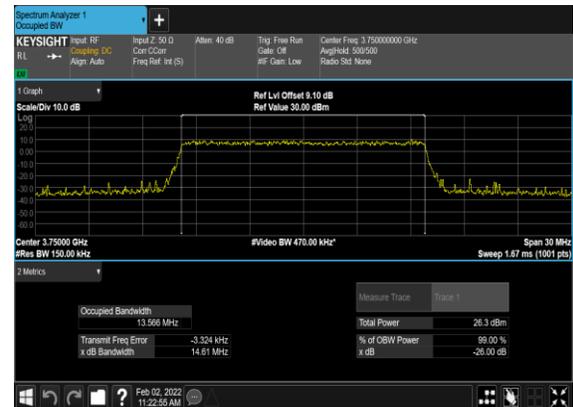
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QAM_Outer_Full_Mid_CH



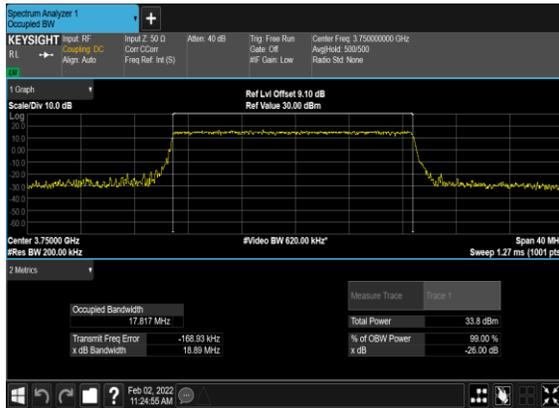
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QAM_Outer_Full_Mid_CH



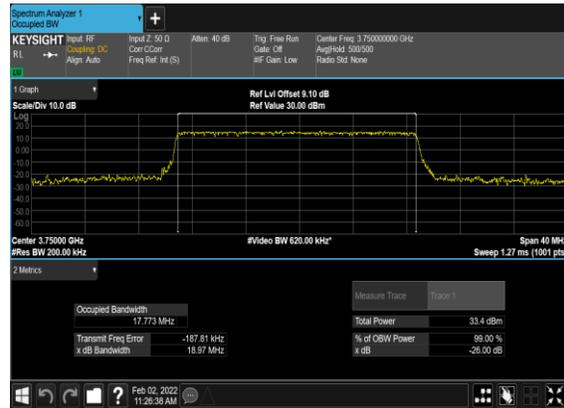
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QAM_Outer_Full_Mid_CH



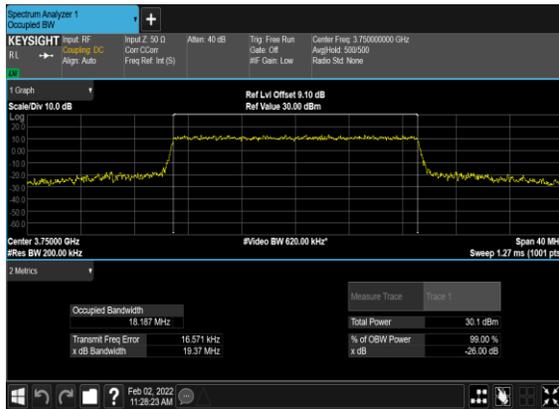
N78(20M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N78(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



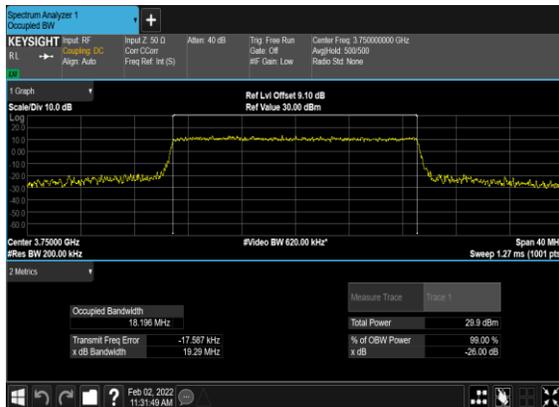
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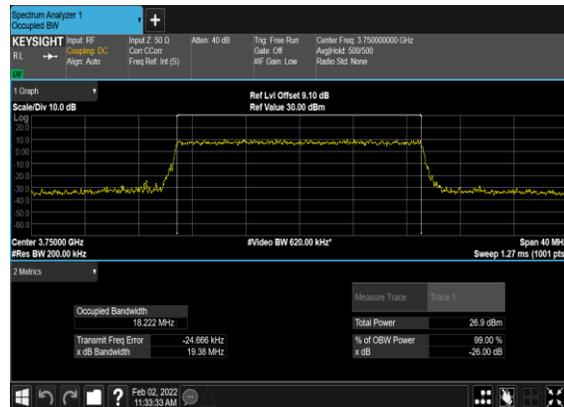
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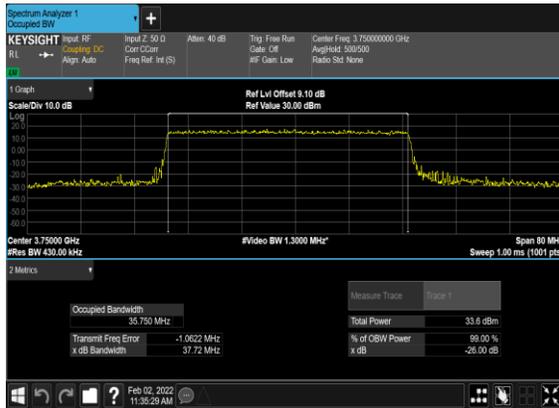
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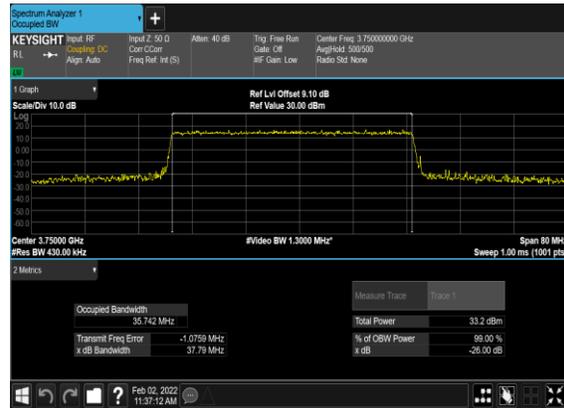
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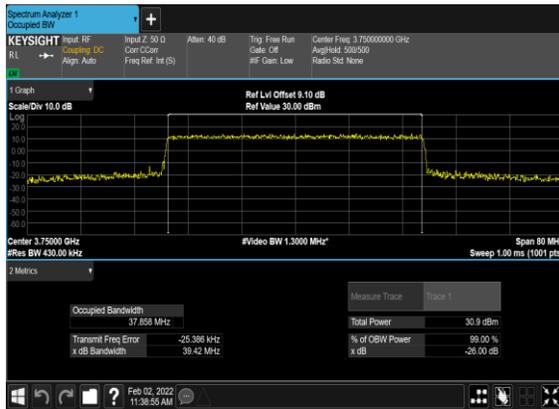
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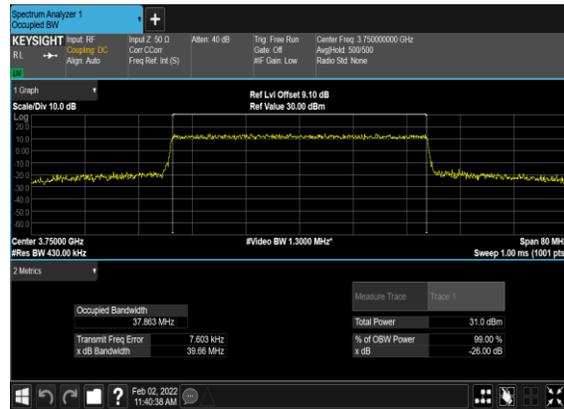
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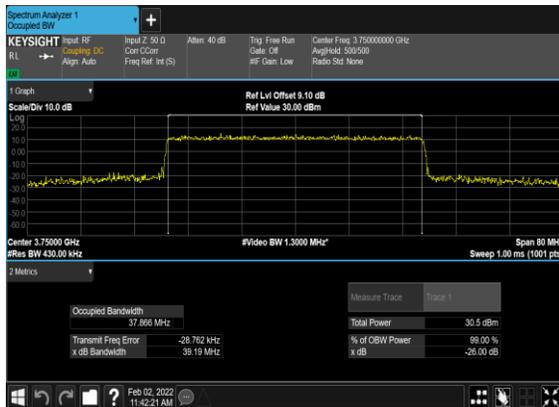
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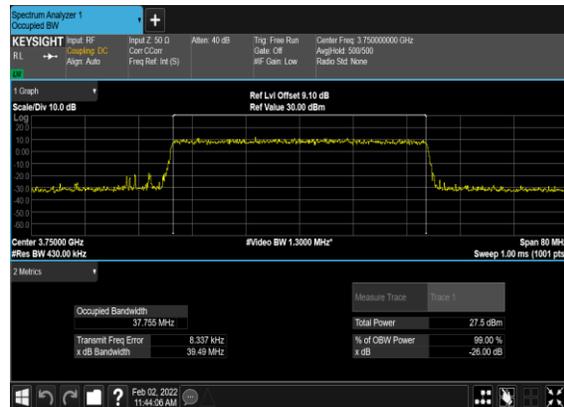
N78(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N78(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N78(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



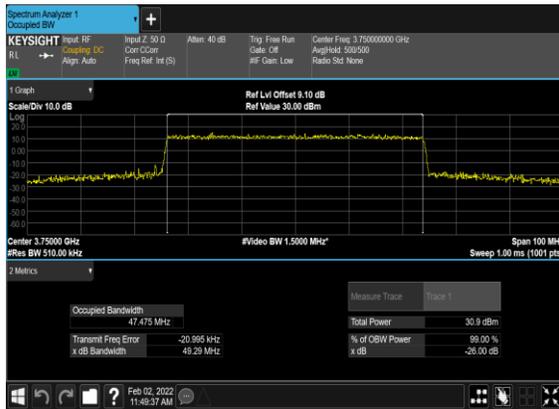
N78(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



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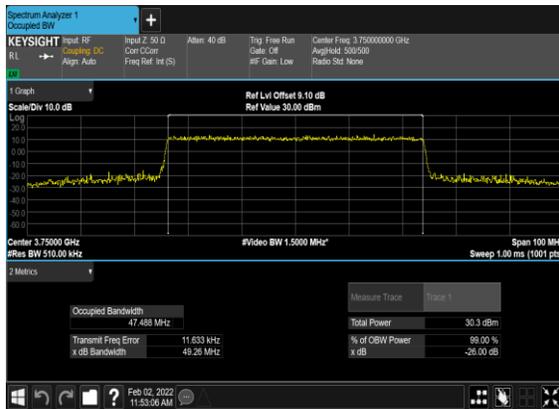
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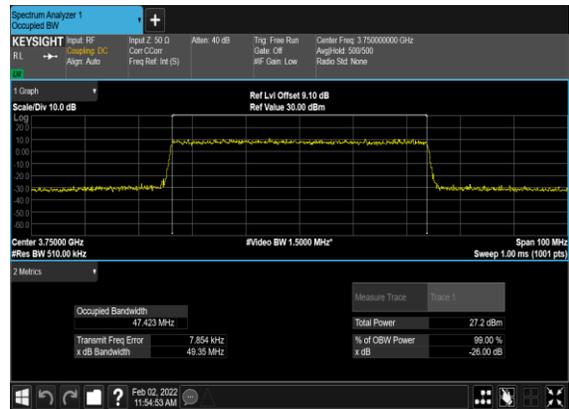
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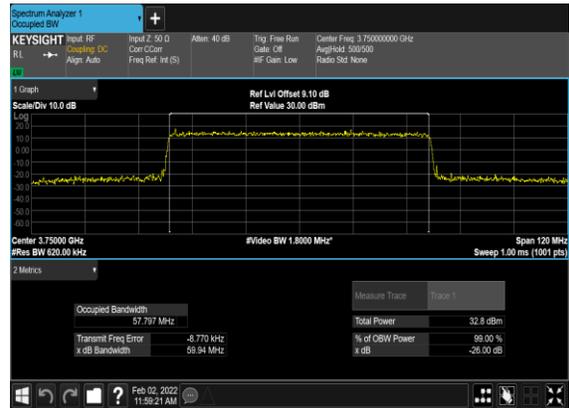
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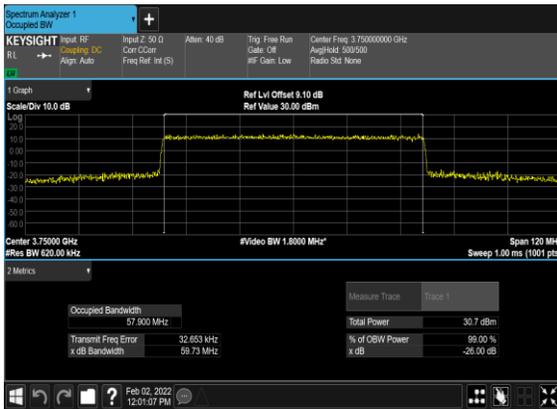
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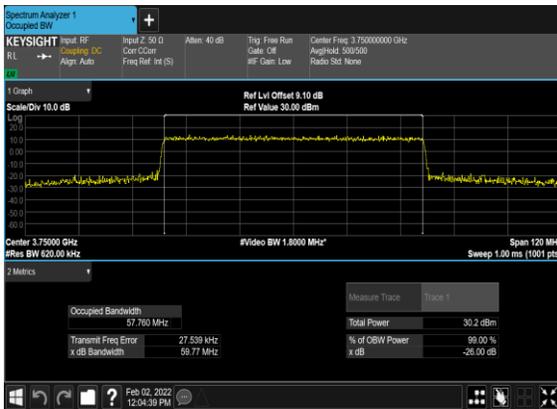
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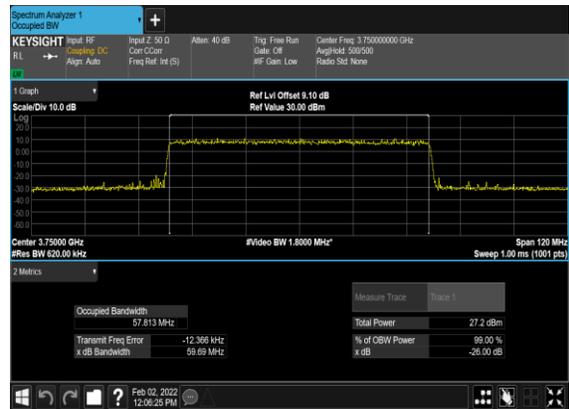
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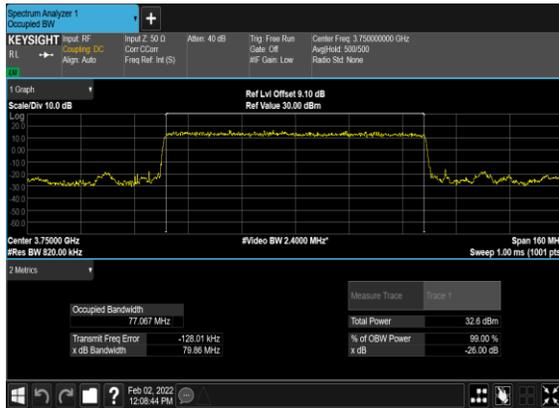
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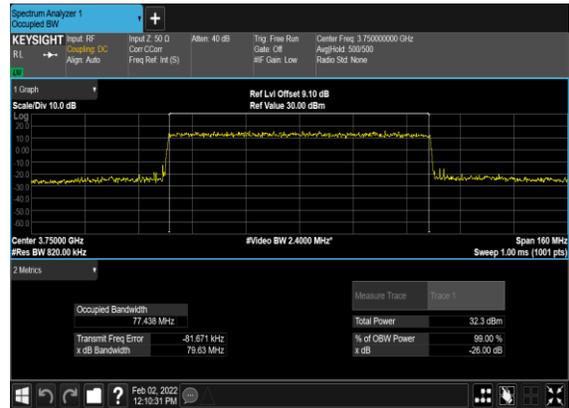
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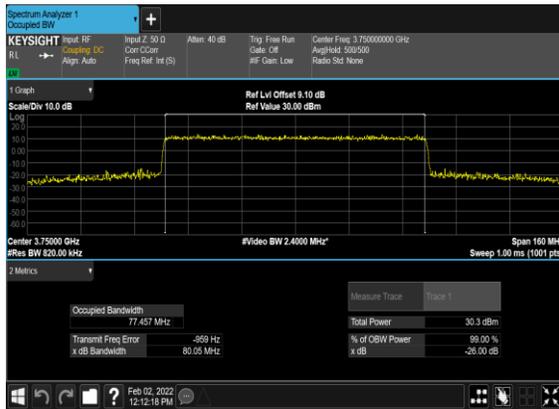
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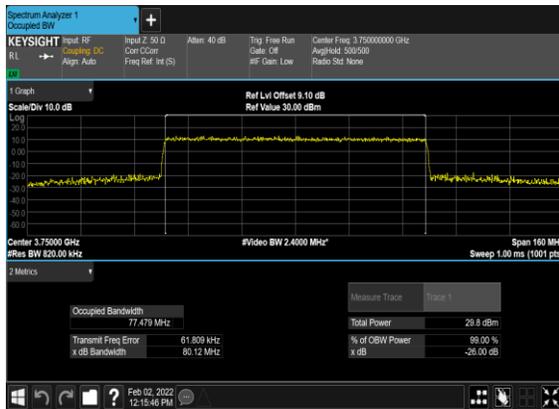
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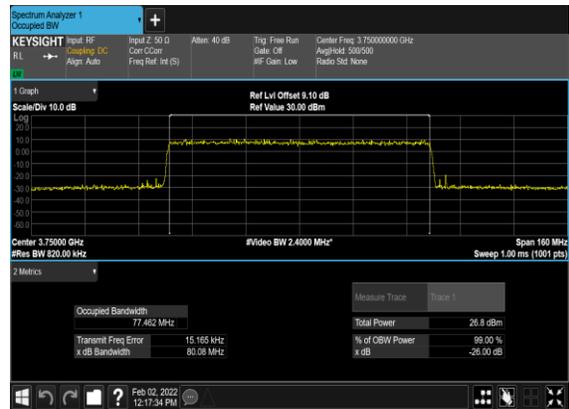
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N78(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N78(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



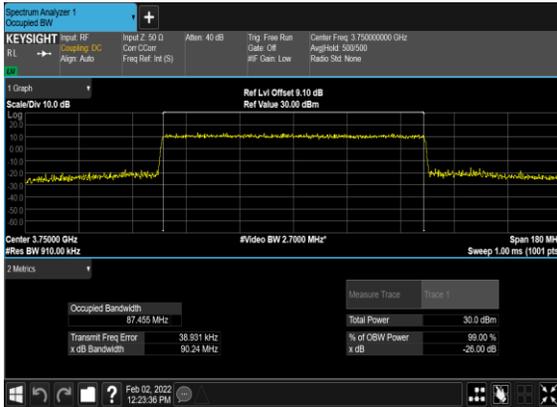
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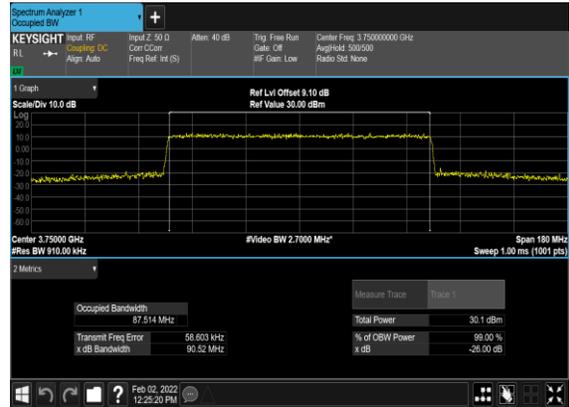
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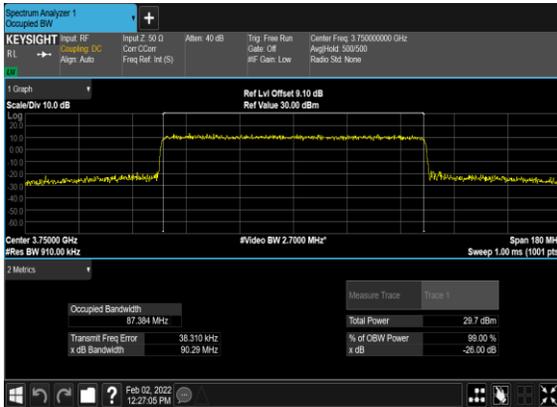
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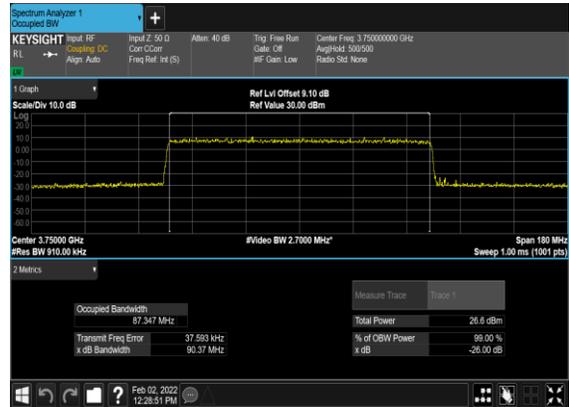
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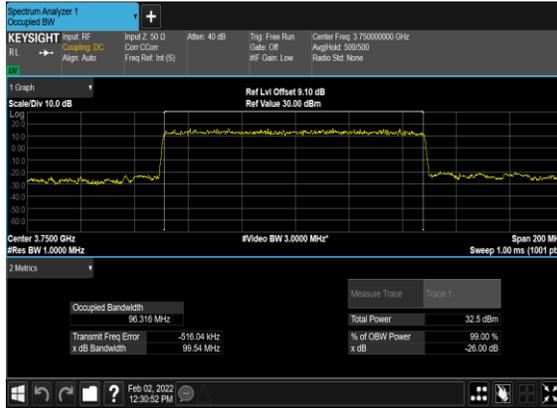
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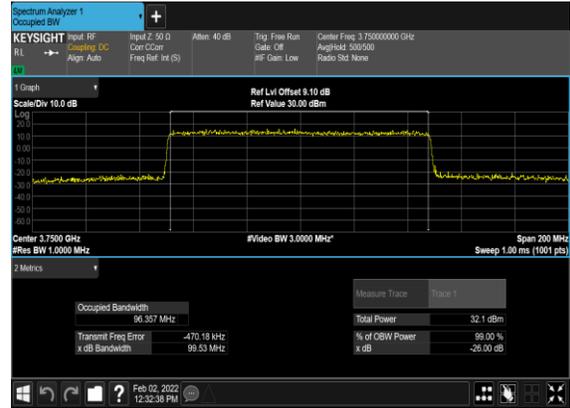
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N78(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



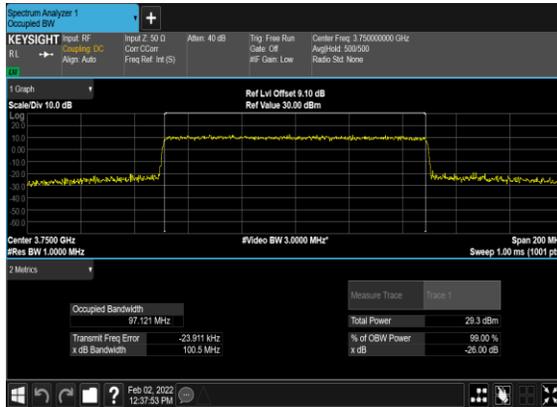
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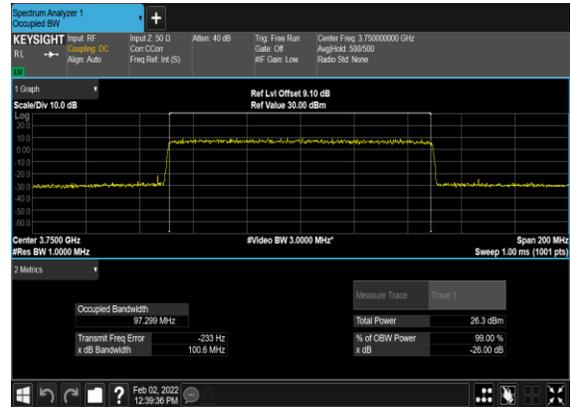
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N78(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N78(100M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

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

78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

