

N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



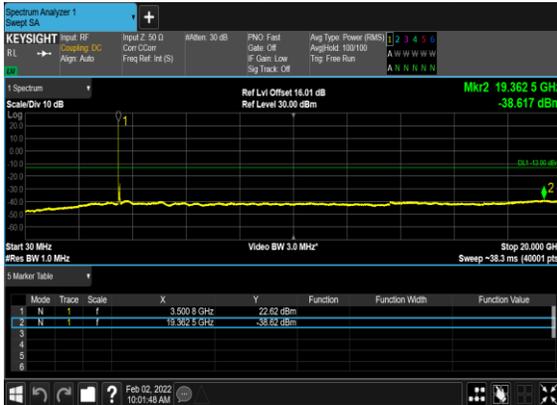
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	10	630334	3455.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	15	10	630334	3455.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	15	10	636333	3544.995	DFT-s-OFDM BPSK	1@51	see graph	PASS
78	15	10	636333	3544.995	DFT-s-OFDM QPSK	1@51	see graph	PASS
78	15	10	636333	3544.995	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	15	10	636333	3544.995	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	15	20	630667	3460.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	20	630667	3460.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	20	630667	3460.005	DFT-s-OFDM BPSK	100@0	see graph	PASS
78	15	20	630667	3460.005	DFT-s-OFDM QPSK	100@0	see graph	PASS
78	15	20	636000	3540.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
78	15	20	636000	3540.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
78	15	20	636000	3540.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
78	15	20	636000	3540.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	270@0	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@269	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@269	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	635000	3525.0	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



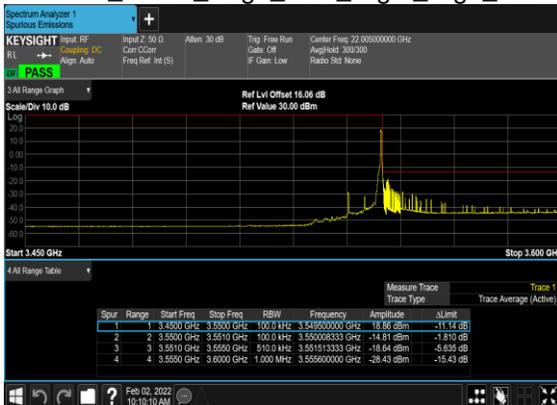
N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



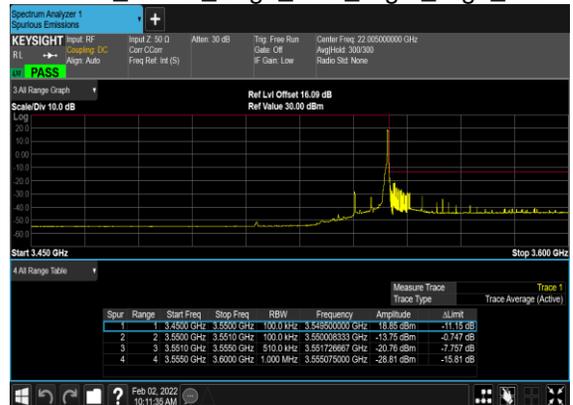
N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



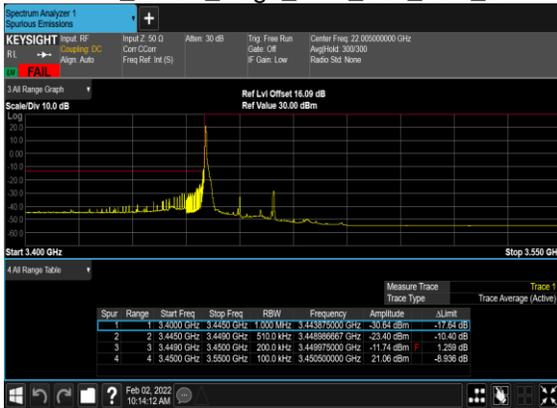
N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



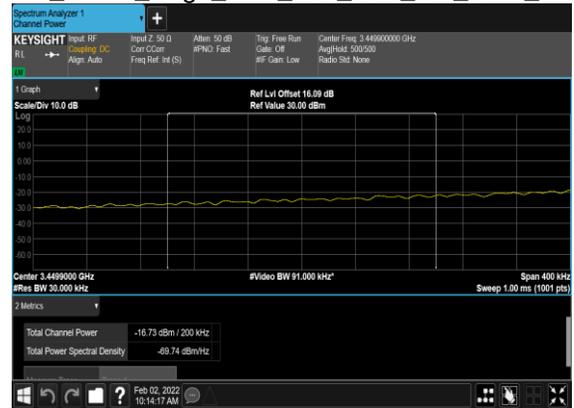
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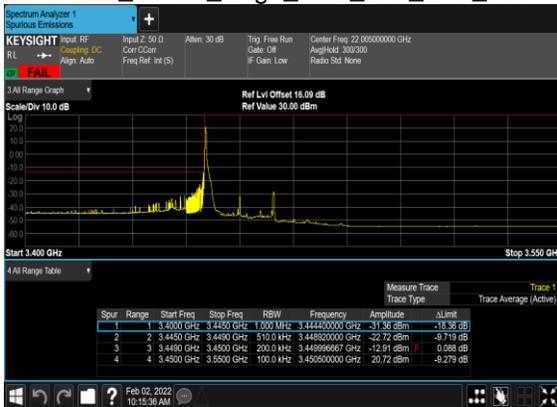
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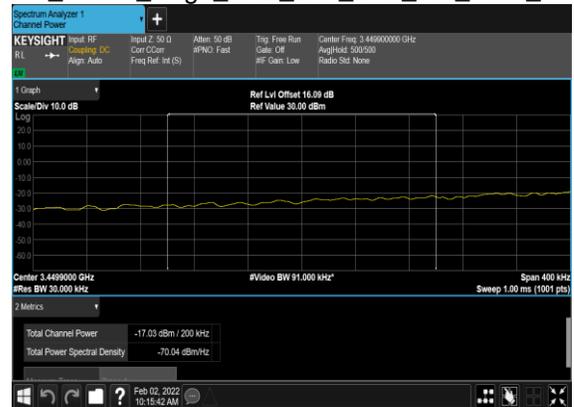
N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N78(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



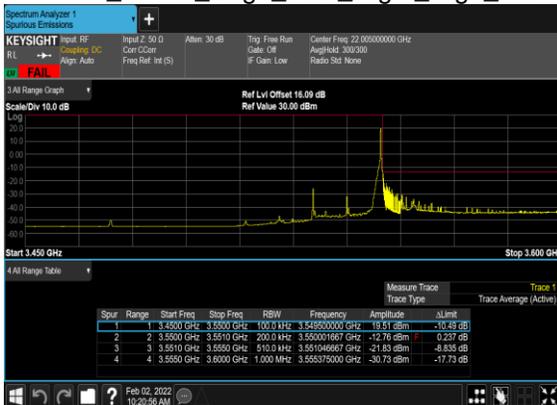
N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



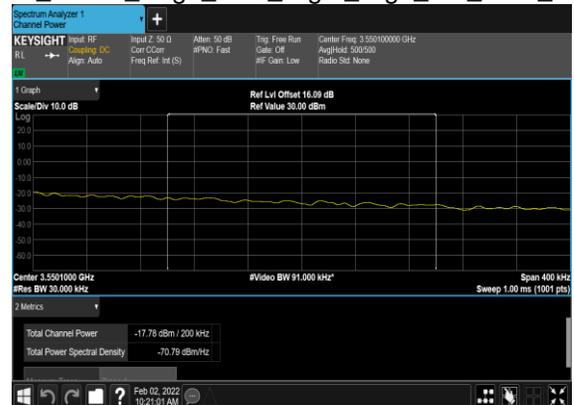
N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



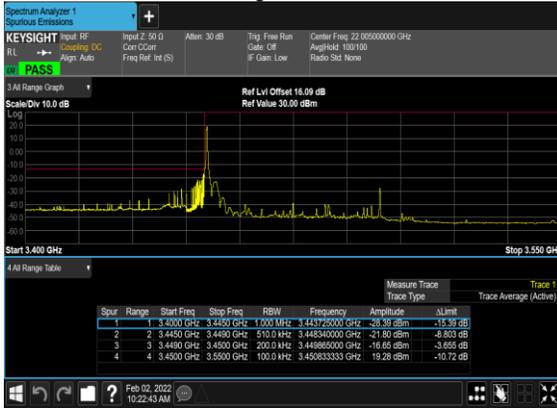
N78(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



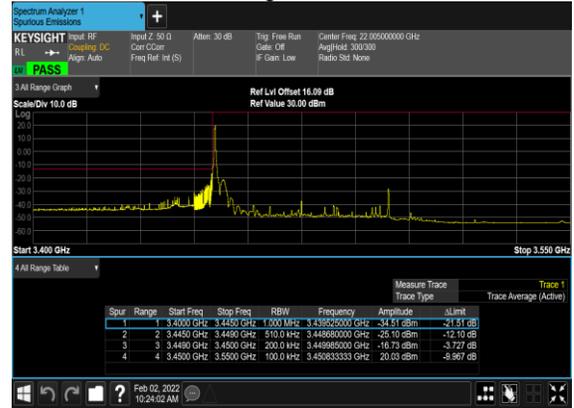
N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



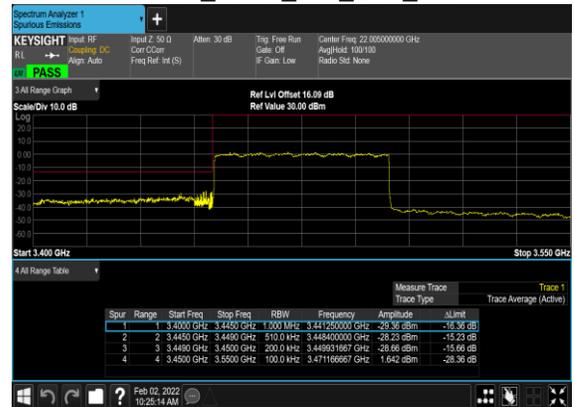
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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_BPSK_Outer_Full_High_CH



N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N78

Transmitter Conducted Output Power And EIRP, (G_T - L_C) = -1.47dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	12@6	27.23	25.76	0.3767
78	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@1	27.13	25.66	0.3681
78	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@22	27.1	25.63	0.3656
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	12@6	27.28	25.81	0.3811
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	27.21	25.74	0.3750
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@22	27.18	25.71	0.3724
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	12@6	26.28	24.81	0.3027
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	26.09	24.62	0.2897
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@22	26.09	24.62	0.2897
78	30	10	630334	3455.01	DFT-s-OFDM 64 QAM	12@6	24.74	23.27	0.2123
78	30	10	630334	3455.01	DFT-s-OFDM 64 QAM	1@1	24.6	23.13	0.2056
78	30	10	630334	3455.01	DFT-s-OFDM 64 QAM	1@22	24.28	22.81	0.1910
78	30	10	630334	3455.01	DFT-s-OFDM 256 QAM	12@6	22.78	21.31	0.1352
78	30	10	630334	3455.01	DFT-s-OFDM 256 QAM	1@1	22.85	21.38	0.1374
78	30	10	630334	3455.01	DFT-s-OFDM 256 QAM	1@22	22.81	21.34	0.1361
78	30	10	630334	3455.01	CP-OFDM QPSK	12@6	25.76	24.29	0.2685
78	30	10	630334	3455.01	CP-OFDM QPSK	1@1	25.62	24.15	0.2600
78	30	10	630334	3455.01	CP-OFDM QPSK	1@22	25.58	24.11	0.2576
78	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	12@6	27.05	25.58	0.3614
78	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.94	25.47	0.3524
78	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@22	26.87	25.4	0.3467
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	12@6	27.07	25.6	0.3631
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.01	25.54	0.3581
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@22	26.95	25.48	0.3532
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	12@6	26.05	24.58	0.2871
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.91	24.44	0.2780
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@22	25.86	24.39	0.2748

78	30	10	633334	3500.01	DFT-s-OFDM 64 QAM	12@6	24.58	23.11	0.2046
78	30	10	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.45	22.98	0.1986
78	30	10	633334	3500.01	DFT-s-OFDM 64 QAM	1@22	24.35	22.88	0.1941
78	30	10	633334	3500.01	DFT-s-OFDM 256 QAM	12@6	22.53	21.06	0.1276
78	30	10	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.65	21.18	0.1312
78	30	10	633334	3500.01	DFT-s-OFDM 256 QAM	1@22	22.72	21.25	0.1334
78	30	10	633334	3500.01	CP-OFDM QPSK	12@6	25.62	24.15	0.2600
78	30	10	633334	3500.01	CP-OFDM QPSK	1@1	25.6	24.13	0.2588
78	30	10	633334	3500.01	CP-OFDM QPSK	1@22	25.54	24.07	0.2553
78	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	12@6	27.04	25.57	0.3606
78	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	1@1	26.95	25.48	0.3532
78	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	1@22	26.89	25.42	0.3483
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	12@6	27.09	25.62	0.3648
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	27.05	25.58	0.3614
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@22	27.04	25.57	0.3606
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	12@6	26.1	24.63	0.2904
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	25.85	24.38	0.2742
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@22	25.89	24.42	0.2767
78	30	10	636332	3544.98	DFT-s-OFDM 64 QAM	12@6	24.49	23.02	0.2004
78	30	10	636332	3544.98	DFT-s-OFDM 64 QAM	1@1	24.08	22.61	0.1824
78	30	10	636332	3544.98	DFT-s-OFDM 64 QAM	1@22	24.2	22.73	0.1875
78	30	10	636332	3544.98	DFT-s-OFDM 256 QAM	12@6	22.49	21.02	0.1265
78	30	10	636332	3544.98	DFT-s-OFDM 256 QAM	1@1	22.44	20.97	0.1250
78	30	10	636332	3544.98	DFT-s-OFDM 256 QAM	1@22	22.51	21.04	0.1271
78	30	10	636332	3544.98	CP-OFDM QPSK	12@6	25.57	24.1	0.2570
78	30	10	636332	3544.98	CP-OFDM QPSK	1@1	25.74	24.27	0.2673
78	30	10	636332	3544.98	CP-OFDM QPSK	1@22	25.5	24.03	0.2529
78	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	18@9	27.22	25.75	0.3758
78	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@1	27.14	25.67	0.3690
78	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@36	27.12	25.65	0.3673
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	18@9	27.22	25.75	0.3758
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	27.26	25.79	0.3793
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@36	27.22	25.75	0.3758
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	18@9	26.24	24.77	0.2999

78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	26.11	24.64	0.2911
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@36	26.08	24.61	0.2891
78	30	15	630500	3457.5	DFT-s-OFDM 64 QAM	18@9	24.75	23.28	0.2128
78	30	15	630500	3457.5	DFT-s-OFDM 64 QAM	1@1	24.54	23.07	0.2028
78	30	15	630500	3457.5	DFT-s-OFDM 64 QAM	1@36	24.52	23.05	0.2018
78	30	15	630500	3457.5	DFT-s-OFDM 256 QAM	18@9	22.69	21.22	0.1324
78	30	15	630500	3457.5	DFT-s-OFDM 256 QAM	1@1	22.79	21.32	0.1355
78	30	15	630500	3457.5	DFT-s-OFDM 256 QAM	1@36	22.62	21.15	0.1303
78	30	15	630500	3457.5	CP-OFDM QPSK	19@9	25.72	24.25	0.2661
78	30	15	630500	3457.5	CP-OFDM QPSK	1@1	25.5	24.03	0.2529
78	30	15	630500	3457.5	CP-OFDM QPSK	1@36	25.4	23.93	0.2472
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	18@9	27.01	25.54	0.3581
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.95	25.48	0.3532
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@36	26.82	25.35	0.3428
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	18@9	27.04	25.57	0.3606
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.08	25.61	0.3639
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@36	26.92	25.45	0.3508
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	18@9	26.04	24.57	0.2864
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.02	24.55	0.2851
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@36	25.9	24.43	0.2773
78	30	15	633334	3500.01	DFT-s-OFDM 64 QAM	18@9	24.53	23.06	0.2023
78	30	15	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.4	22.93	0.1963
78	30	15	633334	3500.01	DFT-s-OFDM 64 QAM	1@36	24.2	22.73	0.1875
78	30	15	633334	3500.01	DFT-s-OFDM 256 QAM	18@9	22.5	21.03	0.1268
78	30	15	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.62	21.15	0.1303
78	30	15	633334	3500.01	DFT-s-OFDM 256 QAM	1@36	22.66	21.19	0.1315
78	30	15	633334	3500.01	CP-OFDM QPSK	19@9	25.51	24.04	0.2535
78	30	15	633334	3500.01	CP-OFDM QPSK	1@1	25.38	23.91	0.2460
78	30	15	633334	3500.01	CP-OFDM QPSK	1@36	25.27	23.8	0.2399
78	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	18@9	27	25.53	0.3573
78	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@1	26.89	25.42	0.3483
78	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@36	26.86	25.39	0.3459
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	18@9	27.02	25.55	0.3589
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	26.94	25.47	0.3524

78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@36	26.93	25.46	0.3516
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	18@9	26.02	24.55	0.2851
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	25.94	24.47	0.2799
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@36	26.03	24.56	0.2858
78	30	15	636166	3542.49	DFT-s-OFDM 64 QAM	18@9	24.48	23.01	0.2000
78	30	15	636166	3542.49	DFT-s-OFDM 64 QAM	1@1	24.33	22.86	0.1932
78	30	15	636166	3542.49	DFT-s-OFDM 64 QAM	1@36	24.28	22.81	0.1910
78	30	15	636166	3542.49	DFT-s-OFDM 256 QAM	18@9	22.48	21.01	0.1262
78	30	15	636166	3542.49	DFT-s-OFDM 256 QAM	1@1	22.71	21.24	0.1330
78	30	15	636166	3542.49	DFT-s-OFDM 256 QAM	1@36	22.63	21.16	0.1306
78	30	15	636166	3542.49	CP-OFDM QPSK	19@9	25.46	23.99	0.2506
78	30	15	636166	3542.49	CP-OFDM QPSK	1@1	25.39	23.92	0.2466
78	30	15	636166	3542.49	CP-OFDM QPSK	1@36	25.36	23.89	0.2449
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	25@12	27.24	25.77	0.3776
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	27.15	25.68	0.3698
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@49	27.05	25.58	0.3614
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	27.27	25.8	0.3802
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	27.45	25.98	0.3963
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	27.28	25.81	0.3811
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	26.28	24.81	0.3027
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	26.08	24.61	0.2891
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	26.06	24.59	0.2877
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	25@12	24.81	23.34	0.2158
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@1	24.44	22.97	0.1982
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@49	24.39	22.92	0.1959
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	25@12	22.76	21.29	0.1346
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@1	22.95	21.48	0.1406
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@49	22.85	21.38	0.1374
78	30	20	630668	3460.02	CP-OFDM QPSK	25@12	25.8	24.33	0.2710
78	30	20	630668	3460.02	CP-OFDM QPSK	1@1	25.62	24.15	0.2600
78	30	20	630668	3460.02	CP-OFDM QPSK	1@49	25.59	24.12	0.2582
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	25@12	27.02	25.55	0.3589
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.91	25.44	0.3499
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@49	26.76	25.29	0.3381

78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	27.07	25.6	0.3631
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.03	25.56	0.3597
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	26.81	25.34	0.3420
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	26.08	24.61	0.2891
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.87	24.4	0.2754
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	25.71	24.24	0.2655
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	25@12	24.61	23.14	0.2061
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.29	22.82	0.1914
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@49	24.15	22.68	0.1854
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	25@12	22.5	21.03	0.1268
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.75	21.28	0.1343
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@49	22.57	21.1	0.1288
78	30	20	633334	3500.01	CP-OFDM QPSK	25@12	25.55	24.08	0.2559
78	30	20	633334	3500.01	CP-OFDM QPSK	1@1	25.42	23.95	0.2483
78	30	20	633334	3500.01	CP-OFDM QPSK	1@49	25.26	23.79	0.2393
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	25@12	26.95	25.48	0.3532
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	26.8	25.33	0.3412
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@49	26.75	25.28	0.3373
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	27	25.53	0.3573
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	26.94	25.47	0.3524
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	26.8	25.33	0.3412
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	26	24.53	0.2838
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	25.76	24.29	0.2685
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	25.74	24.27	0.2673
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	25@12	24.45	22.98	0.1986
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@1	24.24	22.77	0.1892
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@49	24.19	22.72	0.1871
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	25@12	22.47	21	0.1259
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@1	22.64	21.17	0.1309
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@49	22.27	20.8	0.1202
78	30	20	636000	3540	CP-OFDM QPSK	25@12	25.49	24.02	0.2523
78	30	20	636000	3540	CP-OFDM QPSK	1@1	25.34	23.87	0.2438
78	30	20	636000	3540	CP-OFDM QPSK	1@49	25.31	23.84	0.2421
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	50@25	27.12	25.65	0.3673

78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	26.65	25.18	0.3296
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@104	26.42	24.95	0.3126
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	27.12	25.65	0.3673
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	26.69	25.22	0.3327
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	26.5	25.03	0.3184
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	26.14	24.67	0.2931
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	25.67	24.2	0.2630
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	25.38	23.91	0.2460
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	50@25	24.61	23.14	0.2061
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@1	23.9	22.43	0.1750
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@104	23.9	22.43	0.1750
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	50@25	22.6	21.13	0.1297
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@1	22.48	21.01	0.1262
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@104	22.1	20.63	0.1156
78	30	40	631334	3470.01	CP-OFDM QPSK	53@26	25.57	24.1	0.2570
78	30	40	631334	3470.01	CP-OFDM QPSK	1@1	25.17	23.7	0.2344
78	30	40	631334	3470.01	CP-OFDM QPSK	1@104	24.87	23.4	0.2188
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@25	26.94	25.47	0.3524
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.53	25.06	0.3206
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@104	26.25	24.78	0.3006
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	26.95	25.48	0.3532
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.65	25.18	0.3296
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	26.26	24.79	0.3013
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	25.96	24.49	0.2812
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.53	24.06	0.2547
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	25.19	23.72	0.2355
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	50@25	24.46	22.99	0.1991
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.96	22.49	0.1774
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@104	23.66	22.19	0.1656
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	50@25	22.43	20.96	0.1247
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.34	20.87	0.1222
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@104	21.88	20.41	0.1099
78	30	40	633334	3500.01	CP-OFDM QPSK	53@26	25.48	24.01	0.2518
78	30	40	633334	3500.01	CP-OFDM QPSK	1@1	24.93	23.46	0.2218

78	30	40	633334	3500.01	CP-OFDM QPSK	1@104	24.78	23.31	0.2143
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	50@25	26.91	25.44	0.3499
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	26.43	24.96	0.3133
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@104	26.31	24.84	0.3048
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	26.93	25.46	0.3516
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	26.44	24.97	0.3141
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	26.36	24.89	0.3083
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	25.93	24.46	0.2793
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	25.42	23.95	0.2483
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	25.26	23.79	0.2393
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	50@25	24.46	22.99	0.1991
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@1	23.83	22.36	0.1722
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@104	23.69	22.22	0.1667
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	50@25	22.43	20.96	0.1247
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@1	22.22	20.75	0.1189
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@104	22.17	20.7	0.1175
78	30	40	635332	3529.98	CP-OFDM QPSK	53@26	25.36	23.89	0.2449
78	30	40	635332	3529.98	CP-OFDM QPSK	1@1	24.87	23.4	0.2188
78	30	40	635332	3529.98	CP-OFDM QPSK	1@104	24.84	23.37	0.2173
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	64@32	27.08	25.61	0.3639
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	26.93	25.46	0.3516
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@131	26.62	25.15	0.3273
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	27.1	25.63	0.3656
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	27.09	25.62	0.3648
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	26.92	25.45	0.3508
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	26.1	24.63	0.2904
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	25.89	24.42	0.2767
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	25.59	24.12	0.2582
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	64@32	24.64	23.17	0.2075
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@1	24.25	22.78	0.1897
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@131	23.95	22.48	0.1770
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	64@32	22.64	21.17	0.1309
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@1	22.59	21.12	0.1294
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@131	22.22	20.75	0.1189

78	30	50	631668	3475.02	CP-OFDM QPSK	67@33	25.56	24.09	0.2564
78	30	50	631668	3475.02	CP-OFDM QPSK	1@1	25.23	23.76	0.2377
78	30	50	631668	3475.02	CP-OFDM QPSK	1@131	25.05	23.58	0.2280
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	64@32	26.97	25.5	0.3548
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.83	25.36	0.3436
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@131	26.42	24.95	0.3126
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	26.97	25.5	0.3548
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.07	25.6	0.3631
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	26.46	24.99	0.3155
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	25.99	24.52	0.2831
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.81	24.34	0.2716
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	25.51	24.04	0.2535
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	64@32	24.52	23.05	0.2018
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.17	22.7	0.1862
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@131	23.87	22.4	0.1738
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	64@32	22.48	21.01	0.1262
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.29	20.82	0.1208
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@131	22.02	20.55	0.1135
78	30	50	633334	3500.01	CP-OFDM QPSK	67@33	25.43	23.96	0.2489
78	30	50	633334	3500.01	CP-OFDM QPSK	1@1	25.31	23.84	0.2421
78	30	50	633334	3500.01	CP-OFDM QPSK	1@131	24.98	23.51	0.2244
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	64@32	26.92	25.45	0.3508
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	26.76	25.29	0.3381
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@131	26.58	25.11	0.3243
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	26.96	25.49	0.3540
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.78	25.31	0.3396
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	26.7	25.23	0.3334
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	25.98	24.51	0.2825
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	25.77	24.3	0.2692
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	25.58	24.11	0.2576
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	64@32	24.46	22.99	0.1991
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	24.17	22.7	0.1862
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@131	23.94	22.47	0.1766
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	64@32	22.46	20.99	0.1256

78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	22.22	20.75	0.1189
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@131	22.07	20.6	0.1148
78	30	50	635000	3525	CP-OFDM QPSK	67@33	25.44	23.97	0.2495
78	30	50	635000	3525	CP-OFDM QPSK	1@1	25.26	23.79	0.2393
78	30	50	635000	3525	CP-OFDM QPSK	1@131	24.83	23.36	0.2168
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	81@40	27.08	25.61	0.3639
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	26.79	25.32	0.3404
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@160	26.44	24.97	0.3141
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	27.1	25.63	0.3656
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	26.83	25.36	0.3436
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	26.47	25	0.3162
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	26.12	24.65	0.2917
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	25.81	24.34	0.2716
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	25.6	24.13	0.2588
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	81@40	24.56	23.09	0.2037
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@1	24.2	22.73	0.1875
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@160	23.83	22.36	0.1722
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	81@40	22.59	21.12	0.1294
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@1	22.43	20.96	0.1247
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@160	22.01	20.54	0.1132
78	30	60	632000	3480	CP-OFDM QPSK	81@40	25.59	24.12	0.2582
78	30	60	632000	3480	CP-OFDM QPSK	1@1	25.3	23.83	0.2415
78	30	60	632000	3480	CP-OFDM QPSK	1@160	24.97	23.5	0.2239
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	81@40	26.94	25.47	0.3524
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.73	25.26	0.3357
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@160	26.38	24.91	0.3097
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	26.95	25.48	0.3532
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.77	25.3	0.3388
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	26.41	24.94	0.3119
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	25.99	24.52	0.2831
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.76	24.29	0.2685
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	25.51	24.04	0.2535
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	81@40	24.44	22.97	0.1982
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.13	22.66	0.1845

78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@160	23.77	22.3	0.1698
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	81@40	22.45	20.98	0.1253
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.35	20.88	0.1225
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@160	22.1	20.63	0.1156
78	30	60	633334	3500.01	CP-OFDM QPSK	81@40	25.45	23.98	0.2500
78	30	60	633334	3500.01	CP-OFDM QPSK	1@1	25.19	23.72	0.2355
78	30	60	633334	3500.01	CP-OFDM QPSK	1@160	24.92	23.45	0.2213
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	81@40	26.98	25.51	0.3556
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	26.72	25.25	0.3350
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@160	26.53	25.06	0.3206
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	27	25.53	0.3573
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	26.83	25.36	0.3436
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	26.58	25.11	0.3243
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	26.04	24.57	0.2864
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	25.73	24.26	0.2667
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	25.49	24.02	0.2523
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	81@40	24.55	23.08	0.2032
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@1	24.13	22.66	0.1845
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@160	23.85	22.38	0.1730
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	81@40	22.5	21.03	0.1268
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@1	22.36	20.89	0.1227
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@160	22.19	20.72	0.1180
78	30	60	634666	3519.99	CP-OFDM QPSK	81@40	25.5	24.03	0.2529
78	30	60	634666	3519.99	CP-OFDM QPSK	1@1	25.24	23.77	0.2382
78	30	60	634666	3519.99	CP-OFDM QPSK	1@160	24.96	23.49	0.2234
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	108@54	27.18	25.71	0.3724
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	26.75	25.28	0.3373
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@215	26.31	24.84	0.3048
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	27.2	25.73	0.3741
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	26.58	25.11	0.3243
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	26.2	24.73	0.2972
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	26.2	24.73	0.2972
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	25.7	24.23	0.2649
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	25.32	23.85	0.2427

78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	108@54	24.67	23.2	0.2089
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@1	24.1	22.63	0.1832
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@215	23.65	22.18	0.1652
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	108@54	22.69	21.22	0.1324
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@1	22.33	20.86	0.1219
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@215	21.84	20.37	0.1089
78	30	80	632668	3490.02	CP-OFDM QPSK	109@54	25.67	24.2	0.2630
78	30	80	632668	3490.02	CP-OFDM QPSK	1@1	25.16	23.69	0.2339
78	30	80	632668	3490.02	CP-OFDM QPSK	1@215	24.78	23.31	0.2143
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	27.01	25.54	0.3581
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.57	25.1	0.3236
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@215	26.18	24.71	0.2958
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	27.05	25.58	0.3614
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.71	25.24	0.3342
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	26.31	24.84	0.3048
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	26.05	24.58	0.2871
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.59	24.12	0.2582
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	25.19	23.72	0.2355
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	108@54	24.49	23.02	0.2004
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.84	22.37	0.1726
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@215	23.45	21.98	0.1578
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	108@54	22.54	21.07	0.1279
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.21	20.74	0.1186
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@215	21.82	20.35	0.1084
78	30	80	633334	3500.01	CP-OFDM QPSK	109@54	25.52	24.05	0.2541
78	30	80	633334	3500.01	CP-OFDM QPSK	1@1	25	23.53	0.2254
78	30	80	633334	3500.01	CP-OFDM QPSK	1@215	24.67	23.2	0.2089
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	108@54	26.99	25.52	0.3565
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	26.6	25.13	0.3258
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@215	26.2	24.73	0.2972
78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	27	25.53	0.3573
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	26.46	24.99	0.3155
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	26.1	24.63	0.2904
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	25.99	24.52	0.2831

78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	25.61	24.14	0.2594
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	25.18	23.71	0.2350
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	108@54	24.45	22.98	0.1986
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@1	23.95	22.48	0.1770
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@215	23.55	22.08	0.1614
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	108@54	22.5	21.03	0.1268
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@1	22.11	20.64	0.1159
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@215	21.85	20.38	0.1091
78	30	80	634000	3510	CP-OFDM QPSK	109@54	25.42	23.95	0.2483
78	30	80	634000	3510	CP-OFDM QPSK	1@1	24.96	23.49	0.2234
78	30	80	634000	3510	CP-OFDM QPSK	1@215	24.55	23.08	0.2032
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	27.09	25.62	0.3648
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	26.51	25.04	0.3192
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	26.09	24.62	0.2897
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	27.1	25.63	0.3656
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	26.49	25.02	0.3177
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	26.35	24.88	0.3076
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	26.12	24.65	0.2917
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	25.48	24.01	0.2518
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	25.06	23.59	0.2286
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	120@60	24.57	23.1	0.2042
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@1	23.85	22.38	0.1730
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@243	23.4	21.93	0.1560
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	120@60	22.56	21.09	0.1285
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@1	22.14	20.67	0.1167
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@243	21.54	20.07	0.1016
78	30	90	633000	3495	CP-OFDM QPSK	123@61	25.55	24.08	0.2559
78	30	90	633000	3495	CP-OFDM QPSK	1@1	24.92	23.45	0.2213
78	30	90	633000	3495	CP-OFDM QPSK	1@243	24.47	23	0.1995
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	26.98	25.51	0.3556
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.42	24.95	0.3126
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	25.99	24.52	0.2831
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	27	25.53	0.3573
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.43	24.96	0.3133

78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	25.99	24.52	0.2831
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	26.01	24.54	0.2844
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.46	23.99	0.2506
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	24.96	23.49	0.2234
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	120@60	24.48	23.01	0.2000
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.63	22.16	0.1644
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@243	23.34	21.87	0.1538
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	120@60	22.45	20.98	0.1253
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.75	20.28	0.1067
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@243	21.54	20.07	0.1016
78	30	90	633334	3500.01	CP-OFDM QPSK	123@61	25.47	24	0.2512
78	30	90	633334	3500.01	CP-OFDM QPSK	1@1	24.88	23.41	0.2193
78	30	90	633334	3500.01	CP-OFDM QPSK	1@243	24.44	22.97	0.1982
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	27	25.53	0.3573
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	26.5	25.03	0.3184
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	26.07	24.6	0.2884
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	27.02	25.55	0.3589
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	26.59	25.12	0.3251
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	25.99	24.52	0.2831
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	26.01	24.54	0.2844
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	25.45	23.98	0.2500
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	25	23.53	0.2254
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	120@60	24.49	23.02	0.2004
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@1	23.69	22.22	0.1667
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@243	23.37	21.9	0.1549
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	120@60	22.49	21.02	0.1265
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@1	22.18	20.71	0.1178
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@243	21.82	20.35	0.1084
78	30	90	633666	3504.99	CP-OFDM QPSK	123@61	25.48	24.01	0.2518
78	30	90	633666	3504.99	CP-OFDM QPSK	1@1	25.04	23.57	0.2275
78	30	90	633666	3504.99	CP-OFDM QPSK	1@243	24.69	23.22	0.2099
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	26.97	25.5	0.3548
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.25	24.78	0.3006
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.81	24.34	0.2716

78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	26.98	25.51	0.3556
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.33	24.86	0.3062
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.92	24.45	0.2786
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	25.99	24.52	0.2831
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.27	23.8	0.2399
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.81	23.34	0.2158
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	24.51	23.04	0.2014
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.63	22.16	0.1644
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	23.21	21.74	0.1493
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	22.46	20.99	0.1256
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.82	20.35	0.1084
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	21.37	19.9	0.0977
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	25.48	24.01	0.2518
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.71	23.24	0.2109
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	24.23	22.76	0.1888

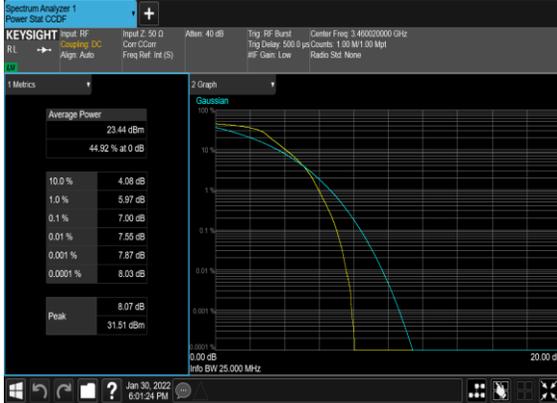
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00416	PASS	NV
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00693	PASS	LV
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0065	PASS	HV
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.0042	PASS	-30°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00472	PASS	-20°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00606	PASS	-10°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00562	PASS	0°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00312	PASS	10°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00651	PASS	20°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00685	PASS	30°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00601	PASS	40°C
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	0.00338	PASS	50°C

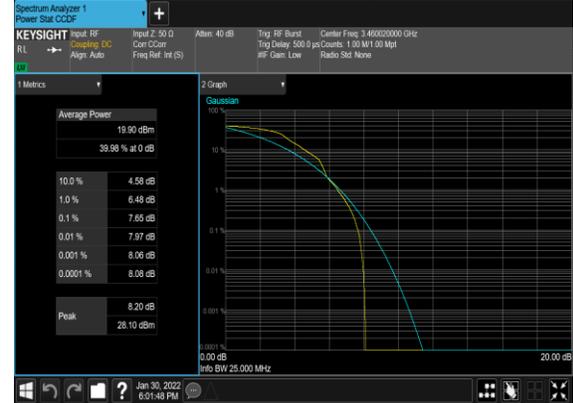
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	50@0	7.0	13	PASS
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@0	7.65	13	PASS
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	7.95	13	PASS
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	8.41	13	PASS
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	7.03	13	PASS
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	7.36	13	PASS
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	8.02	13	PASS
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	8.42	13	PASS
78	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	50@0	7.05	13	PASS
78	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	1@0	7.89	13	PASS
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	8.05	13	PASS
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	8.49	13	PASS

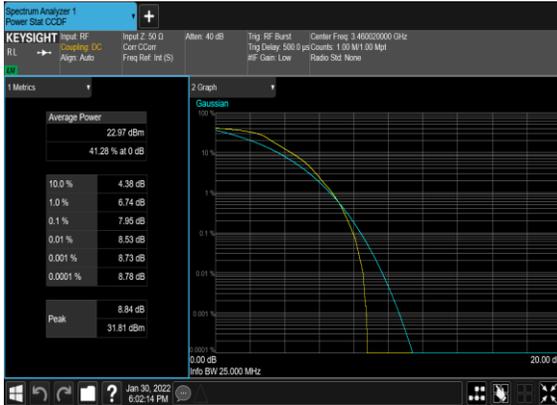
N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



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



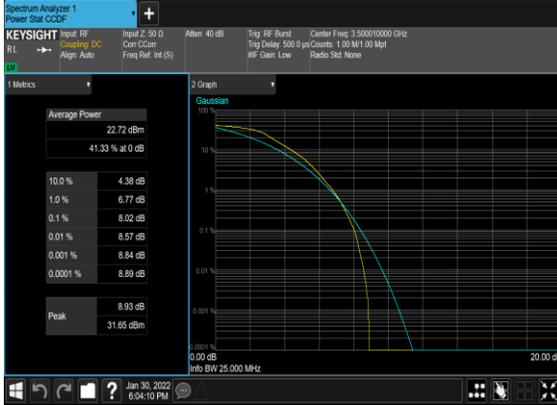
N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



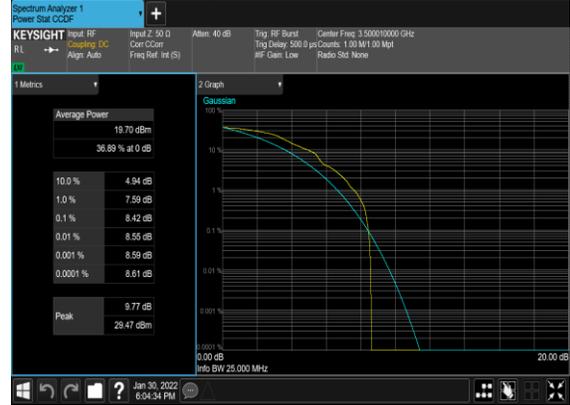
N78(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



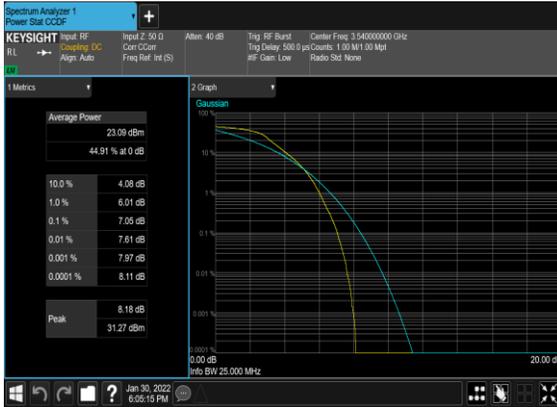
N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



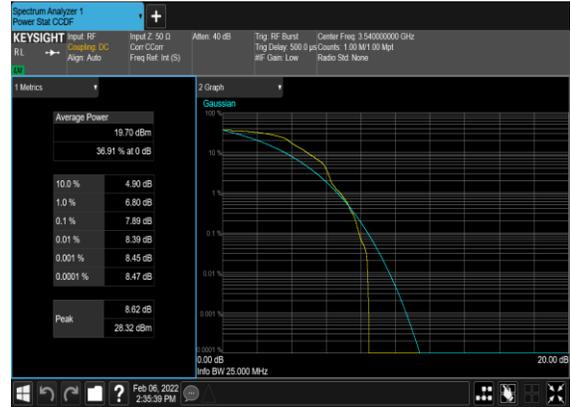
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



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	633334	3500.01	DFT-s-OFDM PI/2 BPSK	24@0	8.5629	9.305
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	24@0	8.5792	9.401
78	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5718	9.31
78	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5648	9.281
78	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5874	9.448
78	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5518	9.334
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	36@0	12.869	13.98
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	36@0	12.851	13.89
78	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.563	14.4
78	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.564	14.46
78	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.553	14.55
78	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.551	14.42
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	17.828	18.83
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.77	19.11
78	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.208	19.22
78	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.16	19.19
78	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.208	19.46
78	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.138	19.32
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	100@0	35.727	37.2
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	100@0	35.745	37.28
78	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.869	39.55
78	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.827	39.32
78	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.785	39.63
78	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.857	39.19
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	128@0	45.726	47.72
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	128@0	45.684	47.91
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.457	49.44
78	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.543	49.49
78	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.409	49.21
78	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.457	49.69
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	162@0	57.874	59.93

78	30	60	633334	3500.01	DFT-s-OFDM QPSK	162@0	57.87	59.92
78	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.734	59.85
78	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.736	59.75
78	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.761	59.7
78	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.695	59.91
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	216@0	77.084	79.87
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	216@0	77.04	79.76
78	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.368	80.31
78	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.524	80.03
78	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.414	80.04
78	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.389	80.1
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	240@0	85.713	88.81
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	240@0	85.79	88.69
78	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.514	90.29
78	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.409	90.25
78	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.564	90.35
78	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.455	90.25
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	96.292	99.71
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	96.04	99.5
78	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.198	100.6
78	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.315	100.8
78	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.269	100.5
78	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.417	100.5

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



N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



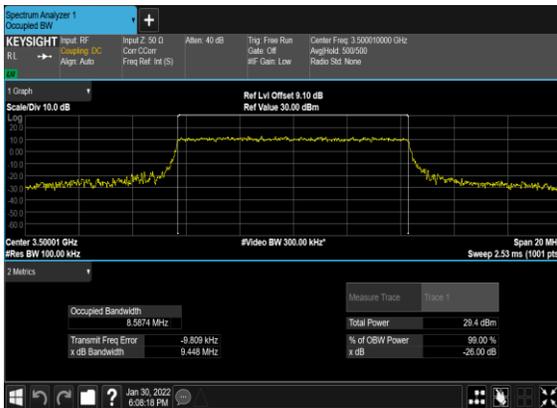
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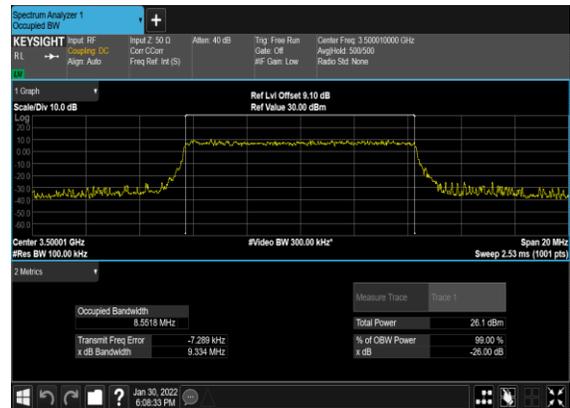
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QAM_Outer_Full_Mid_CH



N78(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N78(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N78(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



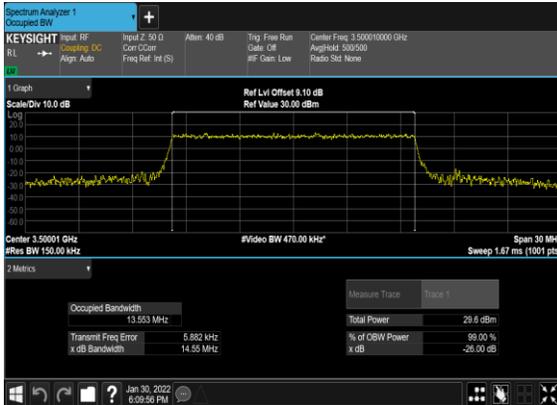
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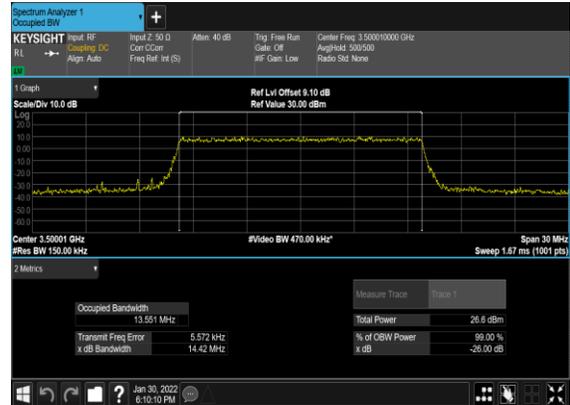
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QAM_Outer_Full_Mid_CH



N78(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(15M)_CP-OFDM_256
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



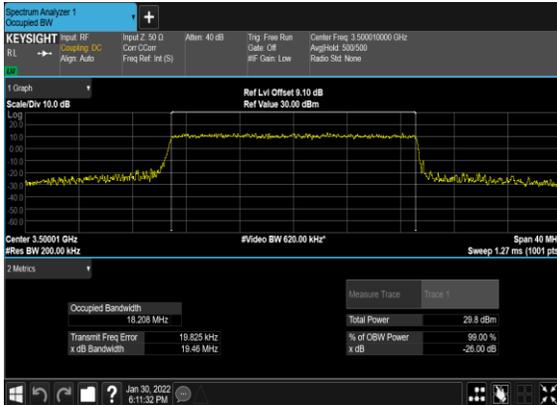
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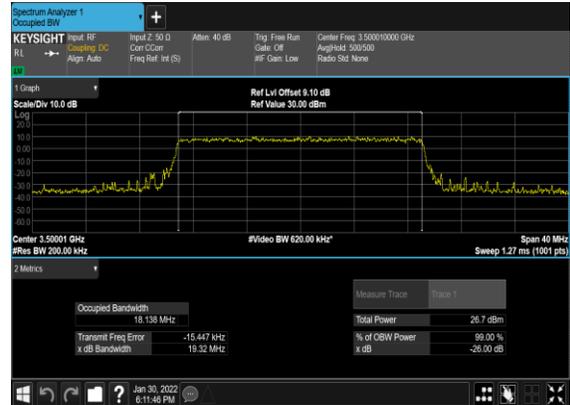
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QAM_Outer_Full_Mid_CH



N78(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N78(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N78(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



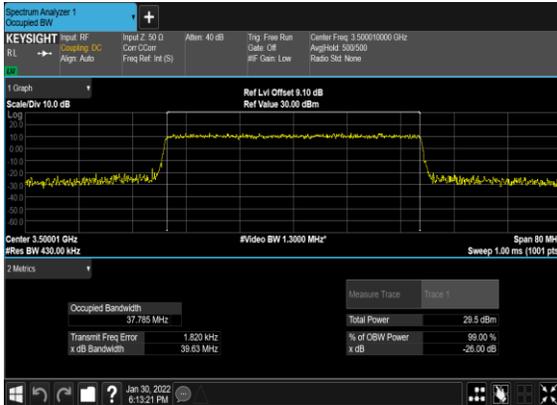
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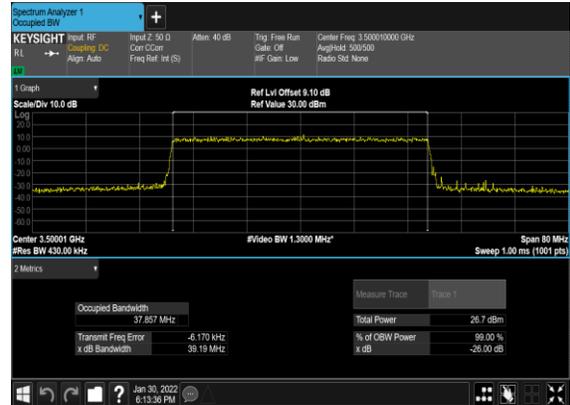
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH



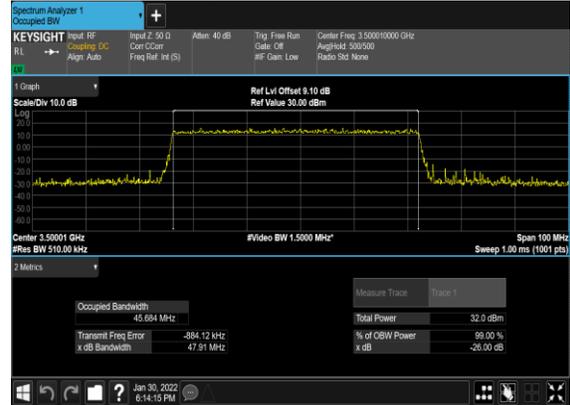
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QAM_Outer_Full_Mid_CH



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



N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



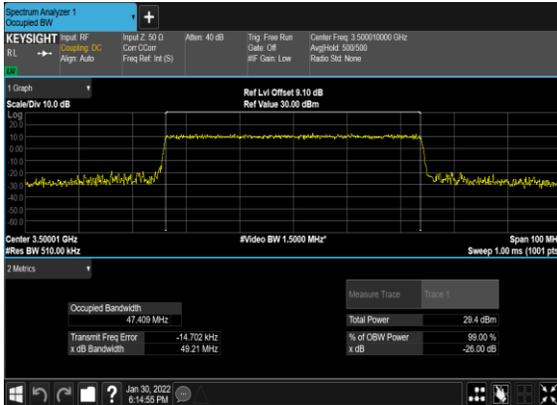
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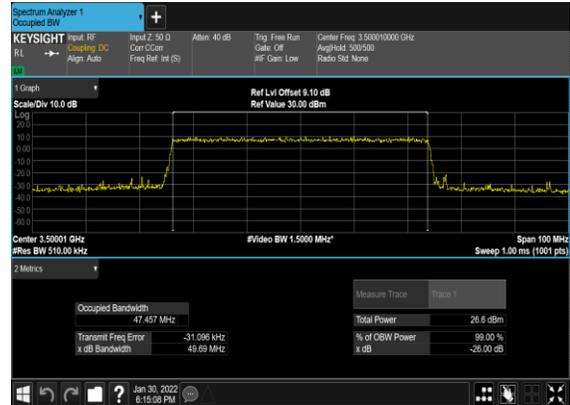
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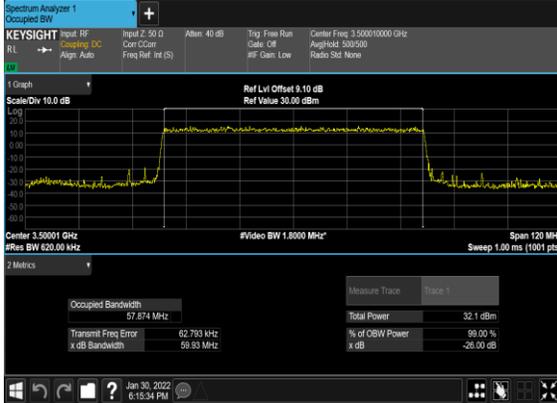
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QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N78(60M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



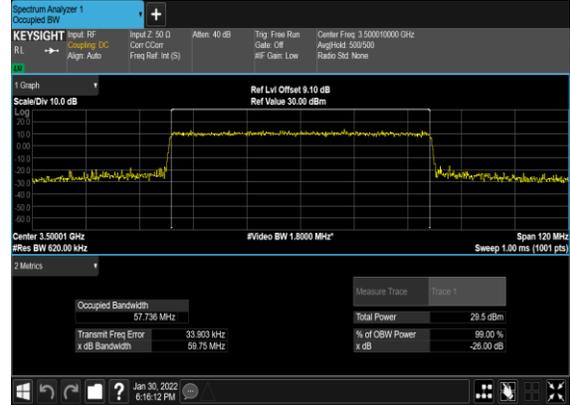
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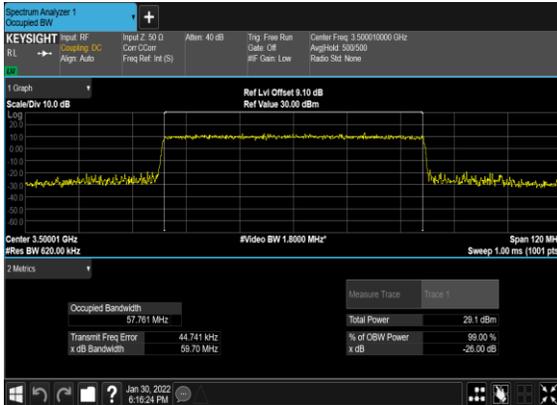
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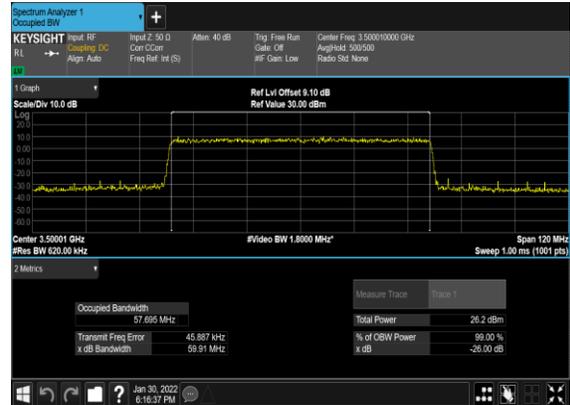
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N78(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



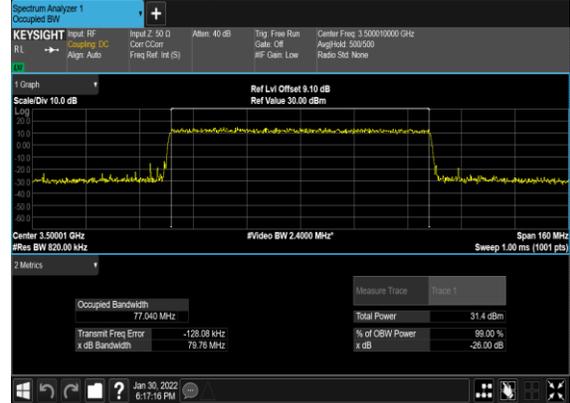
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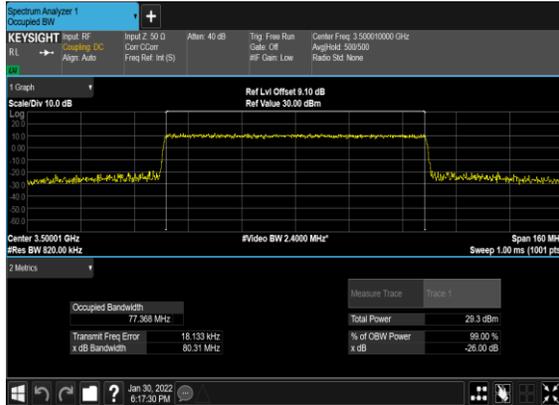
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N78(80M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



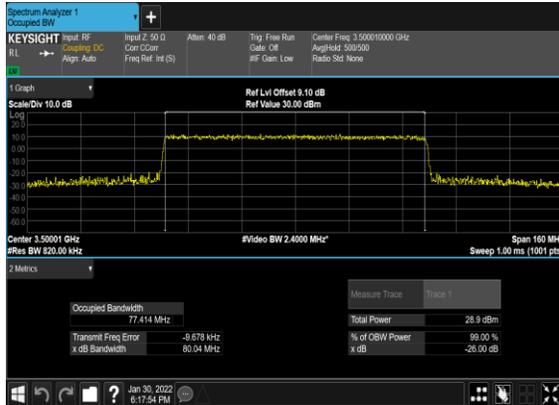
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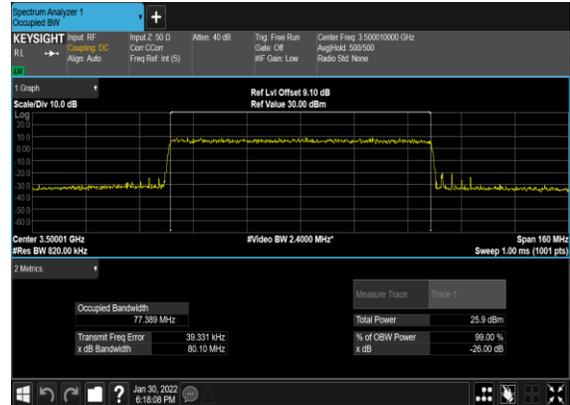
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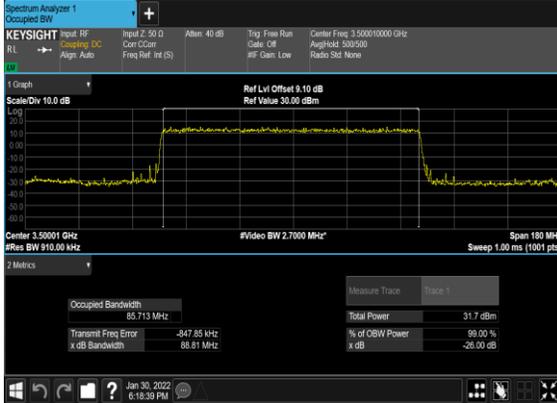
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N78(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N78(90M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N78(90M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



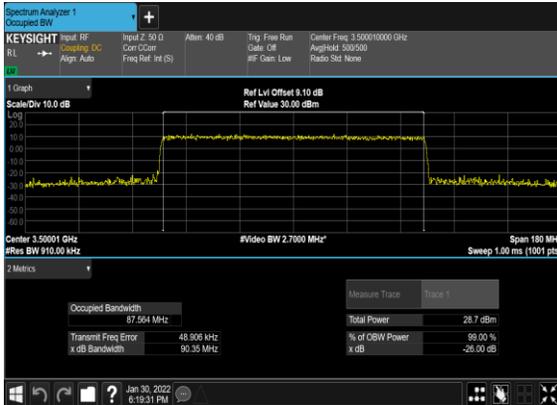
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N78(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

