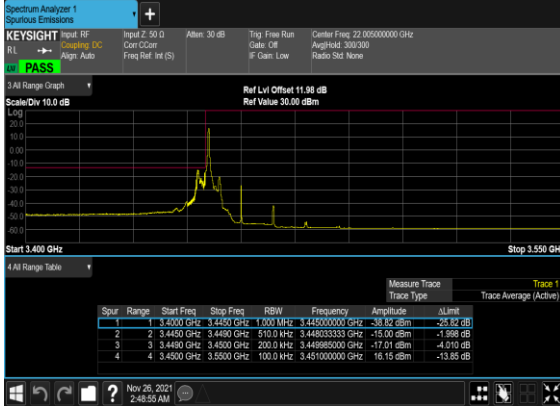


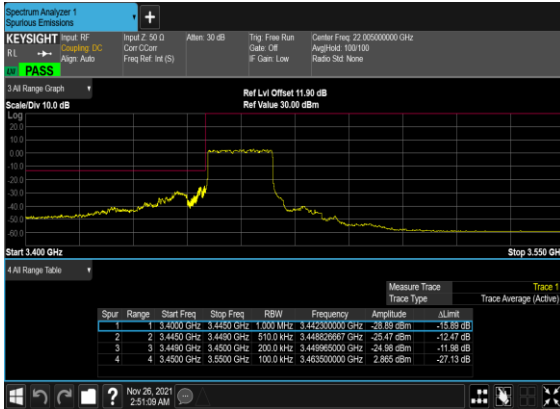
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



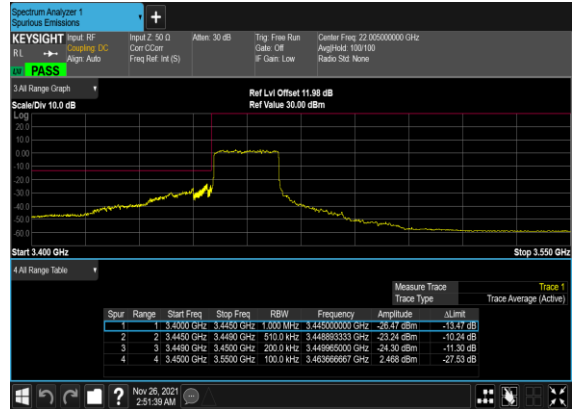
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



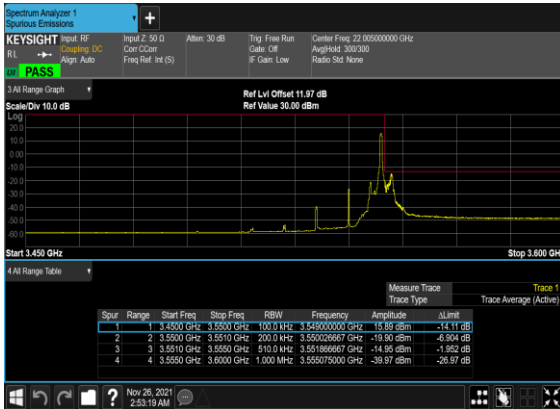
N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



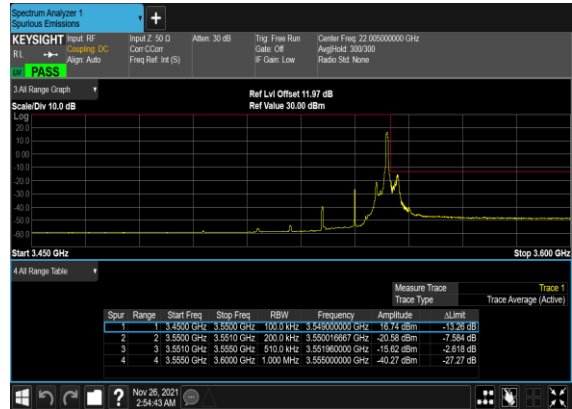
N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



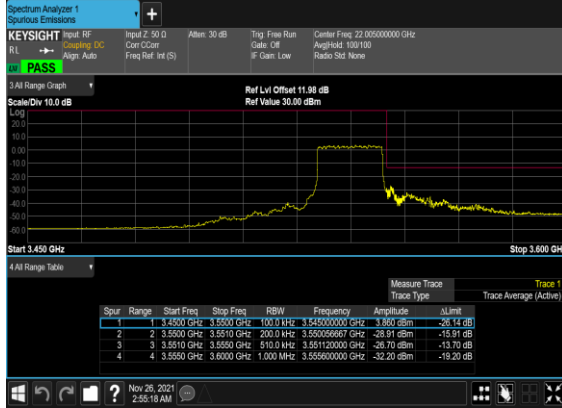
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



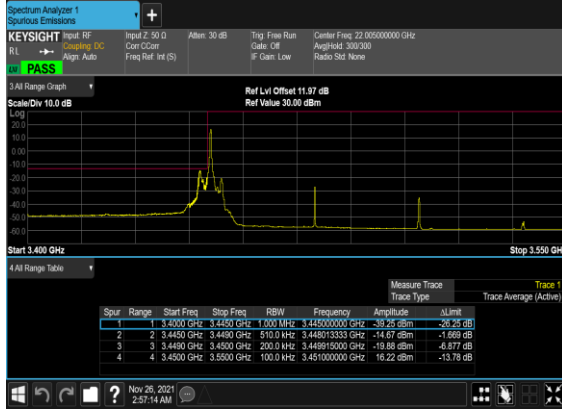
N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



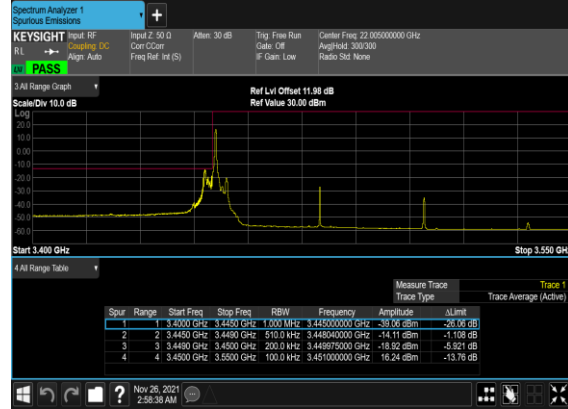
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



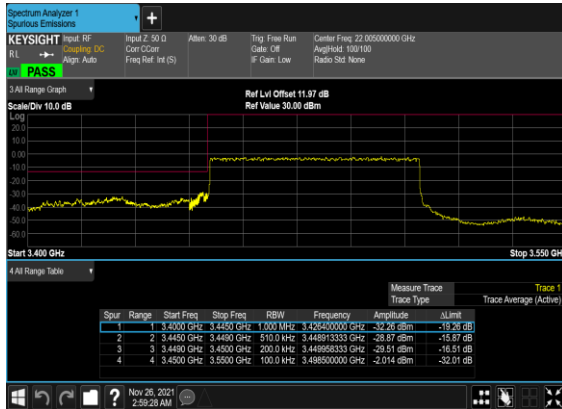
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



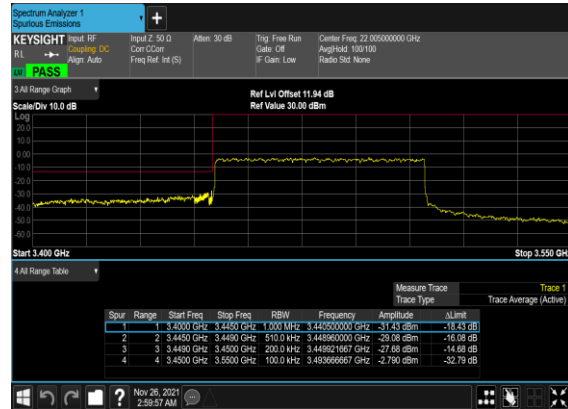
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



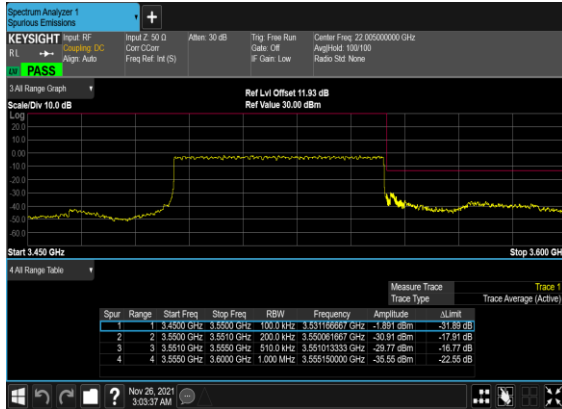
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



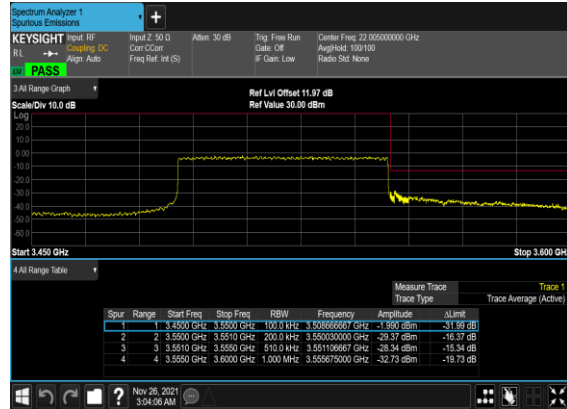
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



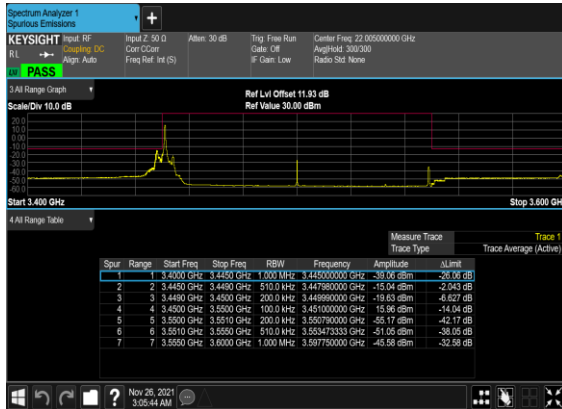
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



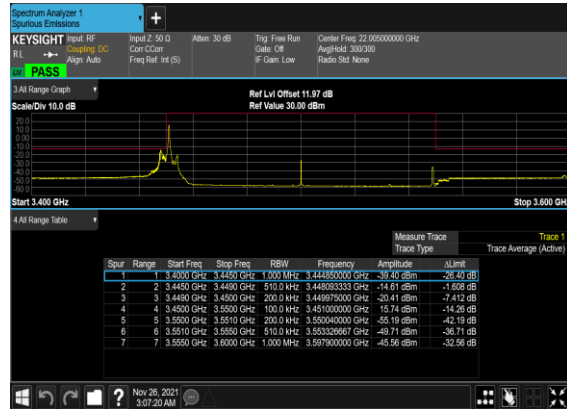
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



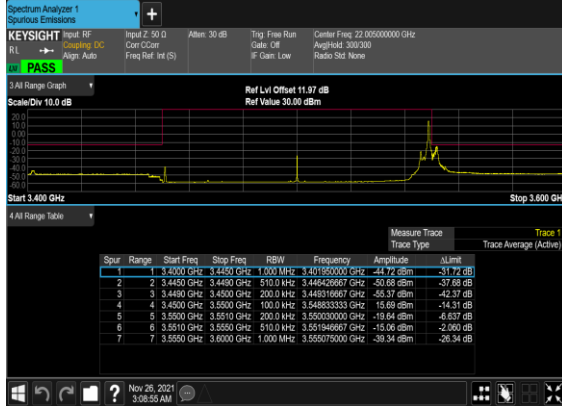
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



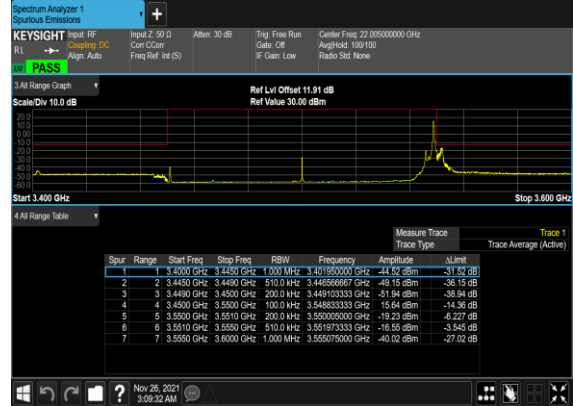
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



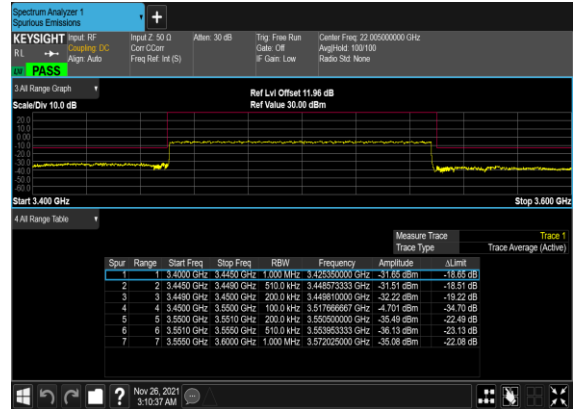
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N77 UL MIMO(ANT2+ANT7)

Conducted Power and EIRP

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	25@12	22.72	22.98	25.86	28.62	0.7282
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	22.7	22.99	25.86	28.62	0.7274
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@49	22.87	22.81	25.85	28.61	0.7262
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	22.79	22.97	25.89	28.65	0.7330
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	22.66	23.04	25.86	28.62	0.7285
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	22.76	22.8	25.79	28.55	0.7162
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	21.89	22.1	25.01	27.77	0.5979
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	21.61	21.9	24.77	27.53	0.5659
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	21.69	21.71	24.71	27.47	0.5585
77	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	25@12	20.4	20.55	23.49	26.25	0.4213
77	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@1	20.37	20.64	23.52	26.28	0.4244
77	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@49	20.34	20.39	23.38	26.14	0.4107
77	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	25@12	18.34	18.5	21.43	24.19	0.2625
77	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@1	18.23	18.36	21.31	24.07	0.2550
77	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@49	18.15	18.43	21.30	24.06	0.2548
77	30	20	630668	3460.02	CP-OFDM QPSK	25@12	21.37	21.79	24.60	27.30	0.5365
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	21.58	21.6	24.60	27.30	0.5371
77	30	20	630668	3460.02	CP-OFDM QPSK	1@49	21.54	21.45	24.51	27.21	0.5255
77	30	20	630668	3460.02	CP-OFDM 16 QAM	25@12	20.96	21.25	24.12	26.82	0.4806
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	20.99	21.52	24.27	26.97	0.4981
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@49	20.97	21.37	24.18	26.88	0.4881
77	30	20	630668	3460.02	CP-OFDM 64 QAM	25@12	19.44	19.71	22.59	25.29	0.3379
77	30	20	630668	3460.02	CP-OFDM 64 QAM	1@1	19.4	19.76	22.59	25.29	0.3384
77	30	20	630668	3460.02	CP-OFDM 64 QAM	1@49	19.49	19.69	22.60	25.30	0.3390
77	30	20	630668	3460.02	CP-OFDM 256 QAM	25@12	16.36	16.65	19.52	22.22	0.1666
77	30	20	630668	3460.02	CP-OFDM 256 QAM	1@1	16.33	16.74	19.55	22.25	0.1679
77	30	20	630668	3460.02	CP-OFDM 256 QAM	1@49	15.35	16.72	19.10	21.80	0.1513
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	25@12	22.76	22.8	25.79	28.55	0.7162
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.84	22.8	25.83	28.59	0.7228

77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@49	22.71	22.72	25.73	28.49	0.7056
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	22.74	22.81	25.79	28.55	0.7154
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.79	22.74	25.78	28.54	0.7137
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	22.71	22.72	25.73	28.49	0.7056
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	21.88	21.95	24.93	27.69	0.5869
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.09	22.01	25.06	27.82	0.6054
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	21.94	21.94	24.95	27.71	0.5902
77	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	25@12	20.43	20.4	23.43	26.19	0.4155
77	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.59	20.59	23.60	26.36	0.4325
77	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@49	20.42	20.37	23.41	26.17	0.4136
77	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	25@12	18.32	18.43	21.39	24.15	0.2598
77	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.36	18.4	21.39	24.15	0.2600
77	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@49	18.31	18.27	21.30	24.06	0.2547
77	30	20	633334	3500.01	CP-OFDM QPSK	25@12	21.34	21.49	24.43	27.13	0.5159
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	21.6	21.4	24.51	27.21	0.5262
77	30	20	633334	3500.01	CP-OFDM QPSK	1@49	21.41	21.18	24.31	27.01	0.5020
77	30	20	633334	3500.01	CP-OFDM 16 QAM	25@12	20.91	20.92	23.93	26.63	0.4598
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.96	21.16	24.07	26.77	0.4755
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@49	20.76	20.99	23.89	26.59	0.4557
77	30	20	633334	3500.01	CP-OFDM 64 QAM	25@12	19.32	19.44	22.39	25.09	0.3229
77	30	20	633334	3500.01	CP-OFDM 64 QAM	1@1	19.49	19.43	22.47	25.17	0.3289
77	30	20	633334	3500.01	CP-OFDM 64 QAM	1@49	19.34	19.32	22.34	25.04	0.3192
77	30	20	633334	3500.01	CP-OFDM 256 QAM	25@12	16.25	16.45	19.36	22.06	0.1607
77	30	20	633334	3500.01	CP-OFDM 256 QAM	1@1	16.36	16.47	19.43	22.13	0.1631
77	30	20	633334	3500.01	CP-OFDM 256 QAM	1@49	16.23	16.36	19.31	22.01	0.1587
77	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	25@12	22.78	22.67	25.74	28.50	0.7072
77	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	22.91	22.72	25.83	28.59	0.7222
77	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@49	22.74	22.55	25.66	28.42	0.6944
77	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	22.83	22.71	25.78	28.54	0.7146
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	22.86	22.69	25.79	28.55	0.7155
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	22.76	22.6	25.69	28.45	0.7000
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	22.04	21.72	24.89	27.65	0.5825
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	21.73	21.59	24.67	27.43	0.5535
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	21.64	21.46	24.56	27.32	0.5397
77	30	20	636000	3540	DFT-s-OFDM 64 QAM	25@12	20.33	20.27	23.31	26.07	0.4046

77	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@1	20.54	20.38	23.47	26.23	0.4199
77	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@49	20.39	20.2	23.31	26.07	0.4042
77	30	20	636000	3540	DFT-s-OFDM 256 QAM	25@12	18.45	18.28	21.38	24.14	0.2592
77	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@1	18.49	18.26	21.39	24.15	0.2598
77	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@49	18.33	18.16	21.26	24.02	0.2521
77	30	20	636000	3540	CP-OFDM QPSK	25@12	21.38	21.53	24.47	27.17	0.5207
77	30	20	636000	3540	CP-OFDM QPSK	1@1	21.53	21.37	24.46	27.16	0.5201
77	30	20	636000	3540	CP-OFDM QPSK	1@49	21.27	21.29	24.29	26.99	0.5001
77	30	20	636000	3540	CP-OFDM 16 QAM	25@12	20.96	20.97	23.98	26.68	0.4651
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	20.84	21.1	23.98	26.68	0.4658
77	30	20	636000	3540	CP-OFDM 16 QAM	1@49	20.78	21.02	23.91	26.61	0.4583
77	30	20	636000	3540	CP-OFDM 64 QAM	25@12	19.41	19.55	22.49	25.19	0.3304
77	30	20	636000	3540	CP-OFDM 64 QAM	1@1	19.39	19.34	22.38	25.08	0.3218
77	30	20	636000	3540	CP-OFDM 64 QAM	1@49	19.24	19.3	22.28	24.98	0.3148
77	30	20	636000	3540	CP-OFDM 256 QAM	25@12	16.29	16.37	19.34	22.04	0.1600
77	30	20	636000	3540	CP-OFDM 256 QAM	1@1	16.27	16.45	19.37	22.07	0.1611
77	30	20	636000	3540	CP-OFDM 256 QAM	1@49	16.36	16.4	19.39	22.09	0.1618
77	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	36@18	22.85	22.94	25.91	28.67	0.7355
77	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	22.87	23.07	25.98	28.74	0.7484
77	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@76	22.82	22.75	25.80	28.56	0.7170
77	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	22.88	22.93	25.92	28.68	0.7371
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	22.93	23.06	26.01	28.77	0.7526
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	22.86	22.75	25.82	28.58	0.7204
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	21.94	21.99	24.98	27.74	0.5937
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	21.83	21.99	24.92	27.68	0.5863
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	21.81	21.71	24.77	27.53	0.5663
77	30	30	631000	3465	DFT-s-OFDM 64 QAM	36@18	20.51	20.61	23.57	26.33	0.4296
77	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@1	20.55	20.69	23.63	26.39	0.4356
77	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@76	20.52	20.34	23.44	26.20	0.4170
77	30	30	631000	3465	DFT-s-OFDM 256 QAM	36@18	18.38	18.47	21.44	24.20	0.2628
77	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@1	18.52	18.46	21.50	24.26	0.2667
77	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@76	18.19	18.37	21.29	24.05	0.2542
77	30	30	631000	3465	CP-OFDM QPSK	39@19	21.35	21.69	24.53	27.23	0.5289
77	30	30	631000	3465	CP-OFDM QPSK	1@1	21.57	21.71	24.65	27.35	0.5434
77	30	30	631000	3465	CP-OFDM QPSK	1@76	21.42	21.56	24.50	27.20	0.5249
77	30	30	631000	3465	CP-OFDM 16 QAM	39@19	20.83	21.2	24.03	26.73	0.4709

77	30	30	631000	3465	CP-OFDM 16 QAM	1@1	21.05	21.48	24.28	26.98	0.4990
77	30	30	631000	3465	CP-OFDM 16 QAM	1@76	20.81	21.33	24.09	26.79	0.4773
77	30	30	631000	3465	CP-OFDM 64 QAM	39@19	19.33	19.67	22.51	25.21	0.3322
77	30	30	631000	3465	CP-OFDM 64 QAM	1@1	19.54	19.71	22.64	25.34	0.3417
77	30	30	631000	3465	CP-OFDM 64 QAM	1@76	19.32	19.59	22.47	25.17	0.3287
77	30	30	631000	3465	CP-OFDM 256 QAM	39@19	16.24	16.67	19.47	22.17	0.1648
77	30	30	631000	3465	CP-OFDM 256 QAM	1@1	16.33	16.66	19.51	22.21	0.1663
77	30	30	631000	3465	CP-OFDM 256 QAM	1@76	16.21	16.63	19.44	22.14	0.1635
77	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	36@18	22.71	22.76	25.75	28.51	0.7088
77	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.89	22.91	25.91	28.67	0.7363
77	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@76	22.73	22.69	25.72	28.48	0.7047
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	22.73	22.79	25.77	28.53	0.7129
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.94	22.92	25.94	28.70	0.7414
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	22.73	22.8	25.78	28.54	0.7137
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	21.82	21.95	24.90	27.66	0.5829
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.98	21.77	24.89	27.65	0.5816
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	21.68	21.7	24.70	27.46	0.5572
77	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	36@18	20.39	20.51	23.46	26.22	0.4189
77	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.59	20.53	23.57	26.33	0.4296
77	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@76	20.35	20.34	23.36	26.12	0.4088
77	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	36@18	18.26	18.44	21.36	24.12	0.2583
77	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.55	18.47	21.52	24.28	0.2679
77	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@76	18.24	18.24	21.25	24.01	0.2518
77	30	30	633334	3500.01	CP-OFDM QPSK	39@19	21.44	21.46	24.46	27.16	0.5200
77	30	30	633334	3500.01	CP-OFDM QPSK	1@1	21.68	21.54	24.62	27.32	0.5396
77	30	30	633334	3500.01	CP-OFDM QPSK	1@76	21.31	21.26	24.30	27.00	0.5007
77	30	30	633334	3500.01	CP-OFDM 16 QAM	39@19	20.93	20.9	23.93	26.63	0.4598
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	21.01	21.35	24.19	26.89	0.4891
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@76	20.71	21.11	23.92	26.62	0.4597
77	30	30	633334	3500.01	CP-OFDM 64 QAM	39@19	19.33	19.46	22.41	25.11	0.3240
77	30	30	633334	3500.01	CP-OFDM 64 QAM	1@1	19.56	19.52	22.55	25.25	0.3350
77	30	30	633334	3500.01	CP-OFDM 64 QAM	1@76	19.32	19.31	22.33	25.03	0.3181
77	30	30	633334	3500.01	CP-OFDM 256 QAM	39@19	16.44	16.39	19.43	22.13	0.1631
77	30	30	633334	3500.01	CP-OFDM 256 QAM	1@1	16.32	16.71	19.53	22.23	0.1671
77	30	30	633334	3500.01	CP-OFDM 256 QAM	1@76	16.05	15.23	18.67	21.37	0.1371

77	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	36@18	22.85	22.73	25.80	28.56	0.7179
77	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	22.94	23	25.98	28.74	0.7482
77	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@76	22.78	22.56	25.68	28.44	0.6985
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	22.94	22.75	25.86	28.62	0.7272
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	22.88	22.81	25.86	28.62	0.7270
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	22.69	22.53	25.62	28.38	0.6888
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	21.97	21.76	24.88	27.64	0.5803
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	21.88	21.77	24.84	27.60	0.5749
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	21.74	21.46	24.61	27.37	0.5461
77	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	36@18	20.49	20.38	23.45	26.21	0.4174
77	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@1	20.56	20.51	23.55	26.31	0.4271
77	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@76	20.43	20.31	23.38	26.14	0.4112
77	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	36@18	18.37	18.21	21.30	24.06	0.2547
77	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@1	18.34	18.44	21.40	24.16	0.2607
77	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@76	18.26	18.09	21.19	23.95	0.2481
77	30	30	635666	3534.99	CP-OFDM QPSK	39@19	21.35	21.46	24.42	27.12	0.5147
77	30	30	635666	3534.99	CP-OFDM QPSK	1@1	21.55	21.38	24.48	27.18	0.5219
77	30	30	635666	3534.99	CP-OFDM QPSK	1@76	21.36	21.28	24.33	27.03	0.5047
77	30	30	635666	3534.99	CP-OFDM 16 QAM	39@19	20.87	20.9	23.90	26.60	0.4566
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	20.91	21.17	24.05	26.75	0.4734
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@76	20.72	21.05	23.90	26.60	0.4569
77	30	30	635666	3534.99	CP-OFDM 64 QAM	39@19	19.31	19.44	22.39	25.09	0.3225
77	30	30	635666	3534.99	CP-OFDM 64 QAM	1@1	19.43	19.38	22.42	25.12	0.3247
77	30	30	635666	3534.99	CP-OFDM 64 QAM	1@76	19.28	19.37	22.34	25.04	0.3188
77	30	30	635666	3534.99	CP-OFDM 256 QAM	39@19	16.3	16.44	19.38	22.08	0.1615
77	30	30	635666	3534.99	CP-OFDM 256 QAM	1@1	16.21	16.59	19.41	22.11	0.1627
77	30	30	635666	3534.99	CP-OFDM 256 QAM	1@76	16.01	15.32	18.69	21.39	0.1377
77	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	50@25	22.9	22.9	25.91	28.67	0.7363
77	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	23	23.16	26.09	28.85	0.7675
77	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@104	22.74	22.66	25.71	28.47	0.7032
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	22.92	22.8	25.87	28.63	0.7296
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	23.06	23.17	26.13	28.89	0.7737
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	22.75	22.71	25.74	28.50	0.7080
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	21.97	21.89	24.94	27.70	0.5889
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	21.83	22.08	24.97	27.73	0.5925

77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	21.74	21.68	24.72	27.48	0.5598
77	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	50@25	20.45	20.39	23.43	26.19	0.4159
77	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@1	20.55	20.74	23.66	26.42	0.4382
77	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@104	20.12	20.19	23.17	25.93	0.3913
77	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	50@25	18.39	18.56	21.49	24.25	0.2658
77	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@1	18.45	18.71	21.59	24.35	0.2724
77	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@104	18.29	18.39	21.35	24.11	0.2577
77	30	40	631334	3470.01	CP-OFDM QPSK	53@26	21.39	21.65	24.53	27.23	0.5287
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	21.71	21.71	24.72	27.42	0.5521
77	30	40	631334	3470.01	CP-OFDM QPSK	1@104	21.61	21.36	24.50	27.20	0.5245
77	30	40	631334	3470.01	CP-OFDM 16 QAM	53@26	20.95	21.07	24.02	26.72	0.4700
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	21.08	21.63	24.37	27.07	0.5098
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@104	21.02	21.22	24.13	26.83	0.4821
77	30	40	631334	3470.01	CP-OFDM 64 QAM	53@26	19.42	19.63	22.54	25.24	0.3339
77	30	40	631334	3470.01	CP-OFDM 64 QAM	1@1	19.45	19.61	22.54	25.24	0.3343
77	30	40	631334	3470.01	CP-OFDM 64 QAM	1@104	19.39	19.33	22.37	25.07	0.3214
77	30	40	631334	3470.01	CP-OFDM 256 QAM	53@26	16.34	16.62	19.49	22.19	0.1657
77	30	40	631334	3470.01	CP-OFDM 256 QAM	1@1	16.44	16.8	19.63	22.33	0.1712
77	30	40	631334	3470.01	CP-OFDM 256 QAM	1@104	16.32	16.44	19.39	22.09	0.1618
77	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@25	22.82	22.84	25.84	28.60	0.7245
77	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.05	23.05	26.06	28.82	0.7621
77	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@104	22.71	22.72	25.73	28.49	0.7056
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	22.8	22.87	25.85	28.61	0.7253
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.04	23.06	26.06	28.82	0.7621
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	22.71	22.63	25.68	28.44	0.6983
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	21.88	21.95	24.93	27.69	0.5869
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.89	21.95	24.93	27.69	0.5875
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	21.59	21.73	24.67	27.43	0.5535
77	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	50@25	20.37	20.47	23.43	26.19	0.4160
77	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.66	20.6	23.64	26.40	0.4366
77	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@104	20.32	20.39	23.37	26.13	0.4098
77	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	50@25	18.39	18.44	21.43	24.19	0.2621
77	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.53	18.6	21.58	24.34	0.2714
77	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@104	18.23	18.42	21.34	24.10	0.2568
77	30	40	633334	3500.01	CP-OFDM QPSK	53@26	21.39	21.44	24.43	27.13	0.5159

77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	21.74	21.66	24.71	27.41	0.5509
77	30	40	633334	3500.01	CP-OFDM QPSK	1@104	21.45	21.33	24.40	27.10	0.5129
77	30	40	633334	3500.01	CP-OFDM 16 QAM	53@26	21	20.94	23.98	26.68	0.4656
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	21.05	21.53	24.31	27.01	0.5020
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@104	20.89	21.08	24.00	26.70	0.4673
77	30	40	633334	3500.01	CP-OFDM 64 QAM	53@26	19.38	19.45	22.43	25.13	0.3255
77	30	40	633334	3500.01	CP-OFDM 64 QAM	1@1	19.55	19.78	22.68	25.38	0.3449
77	30	40	633334	3500.01	CP-OFDM 64 QAM	1@104	19.35	19.08	22.23	24.93	0.3110
77	30	40	633334	3500.01	CP-OFDM 256 QAM	53@26	16.38	16.37	19.39	22.09	0.1616
77	30	40	633334	3500.01	CP-OFDM 256 QAM	1@1	16.4	16.77	19.60	22.30	0.1698
77	30	40	633334	3500.01	CP-OFDM 256 QAM	1@104	16.23	16.43	19.34	22.04	0.1600
77	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	50@25	22.99	22.8	25.91	28.67	0.7356
77	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	23.05	22.99	26.03	28.79	0.7569
77	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@104	22.88	22.67	25.79	28.55	0.7156
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	22.93	22.77	25.86	28.62	0.7280
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	23.03	23.02	26.04	28.80	0.7578
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	22.81	22.62	25.73	28.49	0.7057
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	21.94	21.75	24.86	27.62	0.5776
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	21.78	21.87	24.84	27.60	0.5748
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	21.73	21.49	24.62	27.38	0.5473
77	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	50@25	20.48	20.3	23.40	26.16	0.4132
77	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@1	20.59	20.55	23.58	26.34	0.4306
77	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@104	20.44	20.23	23.35	26.11	0.4080
77	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	50@25	18.49	18.3	21.41	24.17	0.2610
77	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@1	18.46	18.45	21.47	24.23	0.2646
77	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@104	18.3	18.16	21.24	24.00	0.2512
77	30	40	635332	3529.98	CP-OFDM QPSK	53@26	21.39	21.39	24.40	27.10	0.5129
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	21.57	21.51	24.55	27.25	0.5309
77	30	40	635332	3529.98	CP-OFDM QPSK	1@104	21.47	21.24	24.37	27.07	0.5090
77	30	40	635332	3529.98	CP-OFDM 16 QAM	53@26	20.88	20.84	23.87	26.57	0.4540
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	20.92	21.24	24.09	26.79	0.4779
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@104	20.84	21.07	23.97	26.67	0.4642
77	30	40	635332	3529.98	CP-OFDM 64 QAM	53@26	19.33	19.35	22.35	25.05	0.3199
77	30	40	635332	3529.98	CP-OFDM 64 QAM	1@1	19.53	19.42	22.49	25.19	0.3300
77	30	40	635332	3529.98	CP-OFDM 64 QAM	1@104	19.37	19.33	22.36	25.06	0.3207
77	30	40	635332	3529.98	CP-OFDM 256	53@26	16.38	16.31	19.36	22.06	0.1605

					QAM						
77	30	40	635332	3529.98	CP-OFDM 256 QAM	1@1	16.38	16.53	19.47	22.17	0.1647
77	30	40	635332	3529.98	CP-OFDM 256 QAM	1@104	16.26	16.31	19.30	22.00	0.1583
77	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	64@32	22.67	22.67	25.68	28.44	0.6983
77	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	22.73	23.04	25.90	28.66	0.7342
77	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@131	22.38	22.31	25.36	28.12	0.6480
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	22.69	22.68	25.70	28.46	0.7007
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	22.78	23.06	25.93	28.69	0.7400
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	22.38	22.32	25.36	28.12	0.6487
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	21.79	21.76	24.79	27.55	0.5682
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	21.67	22.01	24.85	27.61	0.5772
77	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	21.48	21.27	24.39	27.15	0.5184
77	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	64@32	20.31	20.25	23.29	26.05	0.4028
77	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@1	20.34	20.62	23.49	26.25	0.4219
77	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@131	19.97	19.94	22.97	25.73	0.3737
77	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	64@32	18.35	18.33	21.35	24.11	0.2577
77	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@1	17.96	17.99	20.99	23.75	0.2369
77	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@131	17.92	17.87	20.91	23.67	0.2326
77	30	50	631668	3475.02	CP-OFDM QPSK	67@33	21.16	21.5	24.34	27.04	0.5062
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	21.44	21.67	24.57	27.27	0.5329
77	30	50	631668	3475.02	CP-OFDM QPSK	1@131	21.11	20.96	24.05	26.75	0.4727
77	30	50	631668	3475.02	CP-OFDM 16 QAM	67@33	20.72	20.9	23.82	26.52	0.4489
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.84	21.35	24.11	26.81	0.4800
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@131	20.51	20.76	23.65	26.35	0.4312
77	30	50	631668	3475.02	CP-OFDM 64 QAM	67@33	19.16	19.39	22.29	24.99	0.3153
77	30	50	631668	3475.02	CP-OFDM 64 QAM	1@1	19.34	19.64	22.50	25.20	0.3314
77	30	50	631668	3475.02	CP-OFDM 64 QAM	1@131	18.99	18.98	22.00	24.70	0.2948
77	30	50	631668	3475.02	CP-OFDM 256 QAM	67@33	16.14	16.37	19.27	21.97	0.1573
77	30	50	631668	3475.02	CP-OFDM 256 QAM	1@1	16.23	16.66	19.46	22.16	0.1645
77	30	50	631668	3475.02	CP-OFDM 256 QAM	1@131	15.88	16.2	19.05	21.75	0.1497
77	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	64@32	22.59	22.6	25.61	28.37	0.6863
77	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.82	22.86	25.85	28.61	0.7262
77	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@131	22.37	22.39	25.39	28.15	0.6532
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	22.78	22.7	25.75	28.51	0.7097
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.83	22.82	25.84	28.60	0.7237

77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	22.42	22.4	25.42	28.18	0.6577
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	21.82	21.79	24.82	27.58	0.5722
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.81	21.85	24.84	27.60	0.5755
77	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	21.33	21.36	24.36	27.12	0.5147
77	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	64@32	20.34	20.31	23.34	26.10	0.4069
77	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.48	20.46	23.48	26.24	0.4208
77	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@131	20.07	20.06	23.08	25.84	0.3833
77	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	64@32	18.29	18.33	21.32	24.08	0.2559
77	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.4	18.46	21.44	24.20	0.2631
77	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@131	17.97	18.02	21.01	23.77	0.2380
77	30	50	633334	3500.01	CP-OFDM QPSK	67@33	21.2	21.3	24.26	26.96	0.4967
77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	21.44	21.59	24.53	27.23	0.5280
77	30	50	633334	3500.01	CP-OFDM QPSK	1@131	21.11	21.05	24.09	26.79	0.4776
77	30	50	633334	3500.01	CP-OFDM 16 QAM	67@33	20.77	20.83	23.81	26.51	0.4478
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	20.79	21.22	24.02	26.72	0.4700
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@131	20.45	20.82	23.65	26.35	0.4314
77	30	50	633334	3500.01	CP-OFDM 64 QAM	67@33	19.27	19.36	22.33	25.03	0.3181
77	30	50	633334	3500.01	CP-OFDM 64 QAM	1@1	19.37	19.54	22.47	25.17	0.3286
77	30	50	633334	3500.01	CP-OFDM 64 QAM	1@131	18.92	19	21.97	24.67	0.2931
77	30	50	633334	3500.01	CP-OFDM 256 QAM	67@33	16.11	16.33	19.23	21.93	0.1560
77	30	50	633334	3500.01	CP-OFDM 256 QAM	1@1	16.18	16.58	19.39	22.09	0.1620
77	30	50	633334	3500.01	CP-OFDM 256 QAM	1@131	15.8	16.16	18.99	21.69	0.1477
77	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	64@32	22.7	22.66	25.69	28.45	0.6999
77	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	22.85	22.81	25.84	28.60	0.7245
77	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@131	22.6	22.23	25.43	28.19	0.6591
77	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	22.65	22.6	25.64	28.40	0.6911
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	22.87	22.76	25.83	28.59	0.7220
77	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	22.59	22.12	25.37	28.13	0.6504
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	21.81	21.72	24.78	27.54	0.5670
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	22	21.83	24.93	27.69	0.5870
77	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	21.63	21.3	24.48	27.24	0.5295
77	30	50	635000	3525	DFT-s-OFDM 64 QAM	64@32	20.31	20.2	23.27	26.03	0.4005
77	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	20.61	20.44	23.54	26.30	0.4262
77	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@131	20.32	19.85	23.10	25.86	0.3856
77	30	50	635000	3525	DFT-s-OFDM 256 QAM	64@32	18.27	18.16	21.23	23.99	0.2504

77	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	18.4	18.33	21.38	24.14	0.2591
77	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@131	18.09	17.73	20.92	23.68	0.2336
77	30	50	635000	3525	CP-OFDM QPSK	67@33	21.2	21.26	24.24	26.94	0.4944
77	30	50	635000	3525	CP-OFDM QPSK	1@1	21.58	21.29	24.45	27.15	0.5185
77	30	50	635000	3525	CP-OFDM QPSK	1@131	21.21	20.88	24.06	26.76	0.4741
77	30	50	635000	3525	CP-OFDM 16 QAM	67@33	20.78	20.69	23.75	26.45	0.4411
77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	21.1	21.17	24.15	26.85	0.4837
77	30	50	635000	3525	CP-OFDM 16 QAM	1@131	20.64	20.78	23.72	26.42	0.4386
77	30	50	635000	3525	CP-OFDM 64 QAM	67@33	19.25	19.27	22.27	24.97	0.3141
77	30	50	635000	3525	CP-OFDM 64 QAM	1@1	19.41	19.31	22.37	25.07	0.3214
77	30	50	635000	3525	CP-OFDM 64 QAM	1@131	19.12	18.92	22.03	24.73	0.2973
77	30	50	635000	3525	CP-OFDM 256 QAM	67@33	16.19	16.23	19.22	21.92	0.1556
77	30	50	635000	3525	CP-OFDM 256 QAM	1@1	16.3	16.39	19.36	22.06	0.1605
77	30	50	635000	3525	CP-OFDM 256 QAM	1@131	15.95	15.97	18.97	21.67	0.1469
77	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	81@40	22.26	22.13	25.21	27.97	0.6260
77	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	22.9	23.02	25.97	28.73	0.7466
77	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@160	22.47	22.31	25.40	28.16	0.6548
77	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	22.78	22.74	25.77	28.53	0.7129
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	22.8	23.03	25.93	28.69	0.7391
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	22.46	22.36	25.42	28.18	0.6577
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	21.86	21.85	24.87	27.63	0.5788
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	21.68	21.93	24.82	27.58	0.5724
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	21.38	21.32	24.36	27.12	0.5153
77	30	60	632000	3480	DFT-s-OFDM 64 QAM	81@40	20.41	20.36	23.40	26.16	0.4126
77	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@1	20.38	20.63	23.52	26.28	0.4243
77	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@160	20.04	19.93	23.00	25.76	0.3763
77	30	60	632000	3480	DFT-s-OFDM 256 QAM	81@40	18.33	18.34	21.35	24.11	0.2574
77	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@1	18.26	18.76	21.53	24.29	0.2684
77	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@160	17.99	18.02	21.02	23.78	0.2385
77	30	60	632000	3480	CP-OFDM QPSK	81@40	21.61	21.25	24.44	27.14	0.5181
77	30	60	632000	3480	CP-OFDM QPSK	1@1	21.79	21.33	24.58	27.28	0.5341
77	30	60	632000	3480	CP-OFDM QPSK	1@160	21.47	20.92	24.21	26.91	0.4914
77	30	60	632000	3480	CP-OFDM 16 QAM	81@40	21.13	20.67	23.92	26.62	0.4588
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	21.32	20.79	24.07	26.77	0.4757
77	30	60	632000	3480	CP-OFDM 16 QAM	1@160	20.92	20.42	23.69	26.39	0.4353
77	30	60	632000	3480	CP-OFDM 64 QAM	81@40	19.66	19.18	22.44	25.14	0.3264

77	30	60	632000	3480	CP-OFDM 64 QAM	1@1	19.65	19.36	22.52	25.22	0.3325
77	30	60	632000	3480	CP-OFDM 64 QAM	1@160	19.46	18.74	22.13	24.83	0.3038
77	30	60	632000	3480	CP-OFDM 256 QAM	81@40	16.67	16.15	19.43	22.13	0.1632
77	30	60	632000	3480	CP-OFDM 256 QAM	1@1	16.55	16.44	19.51	22.21	0.1662
77	30	60	632000	3480	CP-OFDM 256 QAM	1@160	15.84	15.83	18.85	21.55	0.1427
77	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	81@40	22.61	22.72	25.68	28.44	0.6975
77	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.78	23.03	25.92	28.68	0.7374
77	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@160	22.5	22.35	25.44	28.20	0.6601
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	22.83	22.76	25.81	28.57	0.7187
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.8	22.83	25.83	28.59	0.7220
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	22.48	22.34	25.42	28.18	0.6578
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	21.84	21.85	24.86	27.62	0.5775
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.71	21.83	24.78	27.54	0.5676
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	21.45	21.35	24.41	27.17	0.5213
77	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	81@40	20.39	20.36	23.39	26.15	0.4117
77	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.39	20.41	23.41	26.17	0.4140
77	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@160	20.11	19.97	23.05	25.81	0.3811
77	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	81@40	18.32	18.31	21.33	24.09	0.2562
77	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.3	18.54	21.43	24.19	0.2625
77	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@160	17.99	17.93	20.97	23.73	0.2361
77	30	60	633334	3500.01	CP-OFDM QPSK	81@40	21.65	19.56	23.74	26.44	0.4405
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	21.72	21.36	24.55	27.25	0.5314
77	30	60	633334	3500.01	CP-OFDM QPSK	1@160	21.4	20.97	24.20	26.90	0.4898
77	30	60	633334	3500.01	CP-OFDM 16 QAM	81@40	21.16	20.62	23.91	26.61	0.4580
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	21.15	20.79	23.98	26.68	0.4660
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@160	20.9	20.36	23.65	26.35	0.4314
77	30	60	633334	3500.01	CP-OFDM 64 QAM	81@40	19.62	19.14	22.40	25.10	0.3234
77	30	60	633334	3500.01	CP-OFDM 64 QAM	1@1	19.62	19.36	22.50	25.20	0.3313
77	30	60	633334	3500.01	CP-OFDM 64 QAM	1@160	19.43	18.97	22.22	24.92	0.3102
77	30	60	633334	3500.01	CP-OFDM 256 QAM	81@40	16.64	16.14	19.41	22.11	0.1625
77	30	60	633334	3500.01	CP-OFDM 256 QAM	1@1	16.57	16.4	19.50	22.20	0.1658
77	30	60	633334	3500.01	CP-OFDM 256 QAM	1@160	16.17	16.02	19.11	21.81	0.1516
77	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	81@40	22.77	22.67	25.73	28.49	0.7064
77	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	22.98	22.74	25.87	28.63	0.7298
77	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@160	22.59	22.25	25.43	28.19	0.6597

77	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	22.84	22.6	25.73	28.49	0.7066
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	22.96	22.78	25.88	28.64	0.7313
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	22.67	22.23	25.47	28.23	0.6646
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	21.94	21.79	24.88	27.64	0.5802
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	21.86	21.74	24.81	27.57	0.5716
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	21.61	21.2	24.42	27.18	0.5224
77	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	81@40	20.41	20.24	23.34	26.10	0.4070
77	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@1	20.69	20.4	23.56	26.32	0.4283
77	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@160	20.36	19.9	23.15	25.91	0.3896
77	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	81@40	18.39	18.25	21.33	24.09	0.2565
77	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@1	18.49	18.33	21.42	24.18	0.2619
77	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@160	18.11	17.81	20.97	23.73	0.2362
77	30	60	634666	3519.99	CP-OFDM QPSK	81@40	21.63	20.15	23.96	26.66	0.4638
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	21.79	21.29	24.56	27.26	0.5318
77	30	60	634666	3519.99	CP-OFDM QPSK	1@160	21.47	21.08	24.29	26.99	0.5000
77	30	60	634666	3519.99	CP-OFDM 16 QAM	81@40	21.25	20.64	23.97	26.67	0.4641
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	21.23	20.52	23.90	26.60	0.4571
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@160	20.9	20.41	23.67	26.37	0.4337
77	30	60	634666	3519.99	CP-OFDM 64 QAM	81@40	19.71	19.12	22.44	25.14	0.3262
77	30	60	634666	3519.99	CP-OFDM 64 QAM	1@1	19.85	18.96	22.44	25.14	0.3264
77	30	60	634666	3519.99	CP-OFDM 64 QAM	1@160	19.5	18.85	22.20	24.90	0.3088
77	30	60	634666	3519.99	CP-OFDM 256 QAM	81@40	16.65	16.1	19.39	22.09	0.1620
77	30	60	634666	3519.99	CP-OFDM 256 QAM	1@1	16.78	16.17	19.50	22.20	0.1658
77	30	60	634666	3519.99	CP-OFDM 256 QAM	1@160	16.38	15.97	19.19	21.89	0.1545
77	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	90@45	22.53	22.57	25.56	28.32	0.6793
77	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	22.69	22.99	25.85	28.61	0.7266
77	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@187	22.15	22.14	25.16	27.92	0.6188
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	22.57	22.6	25.60	28.36	0.6848
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	22.69	22.87	25.79	28.55	0.7163
77	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	22.15	22.11	25.14	27.90	0.6166
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	21.67	21.65	24.67	27.43	0.5534
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	21.64	21.83	24.75	27.51	0.5632
77	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	21.18	21.05	24.13	26.89	0.4882
77	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	90@45	20.14	20.2	23.18	25.94	0.3927
77	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@1	20.34	20.41	23.39	26.15	0.4117

77	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@187	19.89	19.82	22.87	25.63	0.3652
77	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	90@45	18.11	18.11	21.12	23.88	0.2444
77	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@1	18.15	18.48	21.33	24.09	0.2564
77	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@187	17.71	17.76	20.75	23.51	0.2241
77	30	70	632334	3485.01	CP-OFDM QPSK	95@47	21	21.15	24.09	26.79	0.4771
77	30	70	632334	3485.01	CP-OFDM QPSK	1@1	21.3	21.42	24.37	27.07	0.5094
77	30	70	632334	3485.01	CP-OFDM QPSK	1@187	21.07	20.71	23.90	26.60	0.4575
77	30	70	632334	3485.01	CP-OFDM 16 QAM	95@47	20.54	20.77	23.67	26.37	0.4332
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	20.77	21.37	24.09	26.79	0.4776
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@187	20.4	20.59	23.51	26.21	0.4175
77	30	70	632334	3485.01	CP-OFDM 64 QAM	95@47	19.05	19.24	22.16	24.86	0.3059
77	30	70	632334	3485.01	CP-OFDM 64 QAM	1@1	19.14	19.66	22.42	25.12	0.3249
77	30	70	632334	3485.01	CP-OFDM 64 QAM	1@187	18.79	18.87	21.84	24.54	0.2845
77	30	70	632334	3485.01	CP-OFDM 256 QAM	95@47	16.07	16.19	19.14	21.84	0.1528
77	30	70	632334	3485.01	CP-OFDM 256 QAM	1@1	16.17	15.32	18.78	21.48	0.1405
77	30	70	632334	3485.01	CP-OFDM 256 QAM	1@187	16.3	15.84	19.09	21.79	0.1509
77	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	90@45	22.59	22.57	25.59	28.35	0.6840
77	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.8	22.91	25.87	28.63	0.7287
77	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@187	22.33	22.09	25.22	27.98	0.6283
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	22.62	22.58	25.61	28.37	0.6871
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.83	22.85	25.85	28.61	0.7262
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	22.29	22.11	25.21	27.97	0.6268
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	21.68	21.7	24.70	27.46	0.5572
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.68	21.76	24.73	27.49	0.5611
77	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	21.24	21.09	24.18	26.94	0.4938
77	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	90@45	20.2	20.21	23.22	25.98	0.3958
77	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.3	20.5	23.41	26.17	0.4141
77	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@187	19.97	19.81	22.90	25.66	0.3682
77	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	90@45	18.21	18.22	21.23	23.99	0.2503
77	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.14	18.39	21.28	24.04	0.2533
77	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@187	17.74	17.59	20.68	23.44	0.2206
77	30	70	633334	3500.01	CP-OFDM QPSK	95@47	21.05	21.14	24.11	26.81	0.4792
77	30	70	633334	3500.01	CP-OFDM QPSK	1@1	21.3	21.53	24.43	27.13	0.5160
77	30	70	633334	3500.01	CP-OFDM QPSK	1@187	20.96	20.72	23.85	26.55	0.4521
77	30	70	633334	3500.01	CP-OFDM 16 QAM	95@47	20.58	20.7	23.65	26.35	0.4316
77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	20.71	21.23	23.99	26.69	0.4665

77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@187	20.42	20.56	23.50	26.20	0.4170
77	30	70	633334	3500.01	CP-OFDM 64 QAM	95@47	19.09	19.06	22.09	24.79	0.3010
77	30	70	633334	3500.01	CP-OFDM 64 QAM	1@1	19.26	19.5	22.39	25.09	0.3230
77	30	70	633334	3500.01	CP-OFDM 64 QAM	1@187	18.87	18.81	21.85	24.55	0.2851
77	30	70	633334	3500.01	CP-OFDM 256 QAM	95@47	16.07	16.11	19.10	21.80	0.1514
77	30	70	633334	3500.01	CP-OFDM 256 QAM	1@1	16.13	16.51	19.33	22.03	0.1598
77	30	70	633334	3500.01	CP-OFDM 256 QAM	1@187	16.21	15.32	18.80	21.50	0.1412
77	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	90@45	22.57	22.53	25.56	28.32	0.6793
77	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	22.72	22.77	25.76	28.52	0.7105
77	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@187	22.43	22.07	25.26	28.02	0.6345
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	22.65	22.52	25.60	28.36	0.6848
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	22.71	22.77	25.75	28.51	0.7096
77	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	22.33	22	25.18	27.94	0.6221
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	21.78	21.65	24.73	27.49	0.5605
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	21.79	21.75	24.78	27.54	0.5676
77	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	21.38	21.01	24.21	26.97	0.4976
77	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	90@45	20.29	20.2	23.26	26.02	0.3995
77	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	1@1	20.46	20.45	23.47	26.23	0.4193
77	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	1@187	20.12	19.71	22.93	25.69	0.3707
77	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	90@45	18.24	18.17	21.22	23.98	0.2498
77	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	1@1	18.27	18.32	21.31	24.07	0.2550
77	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	1@187	17.83	17.48	20.67	23.43	0.2202
77	30	70	634332	3514.98	CP-OFDM QPSK	95@47	21.17	21.08	24.14	26.84	0.4826
77	30	70	634332	3514.98	CP-OFDM QPSK	1@1	21.37	21.39	24.39	27.09	0.5117
77	30	70	634332	3514.98	CP-OFDM QPSK	1@187	21.03	20.76	23.91	26.61	0.4579
77	30	70	634332	3514.98	CP-OFDM 16 QAM	95@47	20.77	20.64	23.72	26.42	0.4381
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	20.97	21.12	24.06	26.76	0.4738
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@187	20.46	20.58	23.53	26.23	0.4198
77	30	70	634332	3514.98	CP-OFDM 64 QAM	95@47	19.25	19.07	22.17	24.87	0.3070
77	30	70	634332	3514.98	CP-OFDM 64 QAM	1@1	19.43	19.4	22.43	25.13	0.3255
77	30	70	634332	3514.98	CP-OFDM 64 QAM	1@187	18.93	18.77	21.86	24.56	0.2858
77	30	70	634332	3514.98	CP-OFDM 256 QAM	95@47	16.19	16.09	19.15	21.85	0.1531
77	30	70	634332	3514.98	CP-OFDM 256 QAM	1@1	16.3	15.2	18.80	21.50	0.1411
77	30	70	634332	3514.98	CP-OFDM 256 QAM	1@187	15.8	15.89	18.86	21.56	0.1431
77	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	108@54	22.55	22.55	25.56	28.32	0.6793

77	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	22.66	22.94	25.81	28.57	0.7199
77	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@215	22.27	22.09	25.19	27.95	0.6239
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	22.6	22.55	25.59	28.35	0.6832
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	22.61	22.91	25.77	28.53	0.7133
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	22.23	22.07	25.16	27.92	0.6196
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	21.76	21.6	24.69	27.45	0.5560
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	21.56	21.82	24.70	27.46	0.5575
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	21.21	21.03	24.13	26.89	0.4888
77	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	108@54	20.13	20.2	23.18	25.94	0.3922
77	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@1	20.34	20.48	23.42	26.18	0.4150
77	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@215	19.93	19.81	22.88	25.64	0.3665
77	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	108@54	18.17	18.19	21.19	23.95	0.2483
77	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@1	18.17	18.5	21.35	24.11	0.2575
77	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@215	17.85	17.72	20.80	23.56	0.2268
77	30	80	632668	3490.02	CP-OFDM QPSK	109@54	19.64	19.59	22.63	25.33	0.3408
77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	21.31	21.52	24.43	27.13	0.5160
77	30	80	632668	3490.02	CP-OFDM QPSK	1@215	20.85	20.62	23.75	26.45	0.4412
77	30	80	632668	3490.02	CP-OFDM 16 QAM	109@54	20.61	20.66	23.65	26.35	0.4311
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.71	21.13	23.94	26.64	0.4608
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@215	20.35	20.38	23.38	26.08	0.4051
77	30	80	632668	3490.02	CP-OFDM 64 QAM	109@54	19.02	19.12	22.08	24.78	0.3006
77	30	80	632668	3490.02	CP-OFDM 64 QAM	1@1	19.18	19.54	22.37	25.07	0.3217
77	30	80	632668	3490.02	CP-OFDM 64 QAM	1@215	18.91	18.75	21.84	24.54	0.2845
77	30	80	632668	3490.02	CP-OFDM 256 QAM	109@54	16.05	16.17	19.12	21.82	0.1521
77	30	80	632668	3490.02	CP-OFDM 256 QAM	1@1	16.2	16.61	19.42	22.12	0.1629
77	30	80	632668	3490.02	CP-OFDM 256 QAM	1@215	16.32	15.32	18.86	21.56	0.1432
77	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	22.55	22.62	25.60	28.36	0.6848
77	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.72	22.89	25.82	28.58	0.7205
77	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@215	22.34	22.13	25.25	28.01	0.6319
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	22.47	22.56	25.53	28.29	0.6738
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.65	22.74	25.71	28.47	0.7023
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	22.36	22.12	25.25	28.01	0.6327
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	21.66	21.62	24.65	27.41	0.5509
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.67	21.7	24.70	27.46	0.5566
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	21.34	21.11	24.24	27.00	0.5008

77	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	108@54	20.22	20.16	23.20	25.96	0.3945
77	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.26	20.55	23.42	26.18	0.4147
77	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@215	19.97	19.82	22.91	25.67	0.3686
77	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	108@54	18.13	18.18	21.17	23.93	0.2469
77	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.19	18.39	21.30	24.06	0.2548
77	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@215	17.75	17.78	20.78	23.54	0.2257
77	30	80	633334	3500.01	CP-OFDM QPSK	109@54	21.05	21.16	24.12	26.82	0.4804
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	21.35	21.44	24.41	27.11	0.5135
77	30	80	633334	3500.01	CP-OFDM QPSK	1@215	20.99	20.75	23.88	26.58	0.4552
77	30	80	633334	3500.01	CP-OFDM 16 QAM	109@54	20.62	20.68	23.66	26.36	0.4326
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	20.82	21.26	24.06	26.76	0.4738
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@215	20.4	20.67	23.55	26.25	0.4214
77	30	80	633334	3500.01	CP-OFDM 64 QAM	109@54	19.07	19.15	22.12	24.82	0.3034
77	30	80	633334	3500.01	CP-OFDM 64 QAM	1@1	19.16	19.63	22.41	25.11	0.3245
77	30	80	633334	3500.01	CP-OFDM 64 QAM	1@215	18.83	18.93	21.89	24.59	0.2878
77	30	80	633334	3500.01	CP-OFDM 256 QAM	109@54	16.06	16.14	19.11	21.81	0.1517
77	30	80	633334	3500.01	CP-OFDM 256 QAM	1@1	16.21	16.72	19.48	22.18	0.1653
77	30	80	633334	3500.01	CP-OFDM 256 QAM	1@215	16.24	15.32	18.81	21.51	0.1417
77	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	108@54	22.52	22.58	25.56	28.32	0.6793
77	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	22.7	22.76	25.74	28.50	0.7080
77	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@215	22.39	22.01	25.21	27.97	0.6273
77	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	22.55	22.48	25.53	28.29	0.6738
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	22.62	22.71	25.68	28.44	0.6975
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	22.36	22.01	25.20	27.96	0.6250
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	21.67	21.64	24.67	27.43	0.5528
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	21.6	21.59	24.61	27.37	0.5452
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	21.26	20.88	24.08	26.84	0.4836
77	30	80	634000	3510	DFT-s-OFDM 64 QAM	108@54	20.12	20.14	23.14	25.90	0.3891
77	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@1	20.4	20.34	23.38	26.14	0.4112
77	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@215	19.98	19.64	22.82	25.58	0.3617
77	30	80	634000	3510	DFT-s-OFDM 256 QAM	108@54	18.14	18.07	21.12	23.88	0.2441
77	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@1	18.18	18.4	21.30	24.06	0.2548
77	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@215	17.91	17.64	20.79	23.55	0.2263
77	30	80	634000	3510	CP-OFDM QPSK	109@54	21.21	21.03	24.13	26.83	0.4821
77	30	80	634000	3510	CP-OFDM QPSK	1@1	21.49	21.35	24.43	27.13	0.5165
77	30	80	634000	3510	CP-OFDM QPSK	1@215	21.01	20.59	23.82	26.52	0.4483

77	30	80	634000	3510	CP-OFDM 16 QAM	109@54	20.76	20.63	23.71	26.41	0.4371
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20.91	21.27	24.10	26.80	0.4791
77	30	80	634000	3510	CP-OFDM 16 QAM	1@215	20.4	20.64	23.53	26.23	0.4199
77	30	80	634000	3510	CP-OFDM 64 QAM	109@54	19.25	19.08	22.18	24.88	0.3073
77	30	80	634000	3510	CP-OFDM 64 QAM	1@1	19.27	19.58	22.44	25.14	0.3264
77	30	80	634000	3510	CP-OFDM 64 QAM	1@215	18.86	18.92	21.90	24.60	0.2884
77	30	80	634000	3510	CP-OFDM 256 QAM	109@54	16.21	16.01	19.12	21.82	0.1521
77	30	80	634000	3510	CP-OFDM 256 QAM	1@1	16.17	16.43	19.31	22.01	0.1589
77	30	80	634000	3510	CP-OFDM 256 QAM	1@215	16.32	15.9	19.13	21.83	0.1522
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	22.6	22.61	25.62	28.38	0.6879
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	22.66	22.93	25.81	28.57	0.7190
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	22.4	22.15	25.29	28.05	0.6378
77	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	22.62	22.48	25.56	28.32	0.6793
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	22.63	22.94	25.80	28.56	0.7175
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	22.33	22.12	25.24	28.00	0.6305
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	21.76	21.66	24.72	27.48	0.5598
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	21.58	21.93	24.77	27.53	0.5661
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	21.43	21.06	24.26	27.02	0.5034
77	30	90	633000	3495	DFT-s-OFDM 64 QAM	120@60	20.31	20.17	23.25	26.01	0.3991
77	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@1	20.38	20.52	23.46	26.22	0.4189
77	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@243	20.01	19.78	22.91	25.67	0.3687
77	30	90	633000	3495	DFT-s-OFDM 256 QAM	120@60	18.19	18.06	21.14	23.90	0.2452
77	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@1	18.11	18.56	21.35	24.11	0.2577
77	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@243	17.18	17.61	20.41	23.17	0.2075
77	30	90	633000	3495	CP-OFDM QPSK	123@61	21.09	21.12	24.12	26.82	0.4803
77	30	90	633000	3495	CP-OFDM QPSK	1@1	21.36	21.35	24.37	27.07	0.5088
77	30	90	633000	3495	CP-OFDM QPSK	1@243	20.96	20.75	23.87	26.57	0.4536
77	30	90	633000	3495	CP-OFDM 16 QAM	123@61	20.62	20.66	23.65	26.35	0.4316
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.94	21.27	24.12	26.82	0.4807
77	30	90	633000	3495	CP-OFDM 16 QAM	1@243	20.5	20.61	23.57	26.27	0.4232
77	30	90	633000	3495	CP-OFDM 64 QAM	123@61	19.14	19.11	22.14	24.84	0.3045
77	30	90	633000	3495	CP-OFDM 64 QAM	1@1	19.19	19.33	22.27	24.97	0.3141
77	30	90	633000	3495	CP-OFDM 64 QAM	1@243	18.96	18.86	21.92	24.62	0.2898
77	30	90	633000	3495	CP-OFDM 256 QAM	123@61	16.08	16.11	19.11	21.81	0.1515
77	30	90	633000	3495	CP-OFDM 256 QAM	1@1	16.1	16.51	19.32	22.02	0.1592

77	30	90	633000	3495	CP-OFDM 256 QAM	1@243	15.74	16.02	18.89	21.59	0.1443
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	22.51	22.54	25.54	28.30	0.6754
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.67	22.91	25.80	28.56	0.7181
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	22.39	22.1	25.26	28.02	0.6335
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	22.64	22.65	25.66	28.42	0.6943
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.72	22.85	25.80	28.56	0.7171
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	22.4	22.04	25.23	27.99	0.6301
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	21.74	21.71	24.74	27.50	0.5617
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.76	21.85	24.82	27.58	0.5722
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	21.45	21.12	24.30	27.06	0.5080
77	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	120@60	20.25	20.24	23.26	26.02	0.3995
77	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.49	20.61	23.56	26.32	0.4286
77	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@243	20.11	19.8	22.97	25.73	0.3739
77	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	120@60	18.15	18.22	21.20	23.96	0.2486
77	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.23	18.5	21.38	24.14	0.2593
77	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@243	17.98	17.68	20.84	23.60	0.2292
77	30	90	633334	3500.01	CP-OFDM QPSK	123@61	21.09	21.14	24.13	26.83	0.4814
77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	21.38	21.44	24.42	27.12	0.5153
77	30	90	633334	3500.01	CP-OFDM QPSK	1@243	20.98	20.81	23.91	26.61	0.4577
77	30	90	633334	3500.01	CP-OFDM 16 QAM	123@61	20.52	20.65	23.60	26.30	0.4262
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	20.74	21.22	24.00	26.70	0.4674
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@243	20.34	20.5	23.43	26.13	0.4103
77	30	90	633334	3500.01	CP-OFDM 64 QAM	123@61	19.13	19.19	22.17	24.87	0.3069
77	30	90	633334	3500.01	CP-OFDM 64 QAM	1@1	19.19	19.52	22.37	25.07	0.3213
77	30	90	633334	3500.01	CP-OFDM 64 QAM	1@243	18.84	18.89	21.88	24.58	0.2868
77	30	90	633334	3500.01	CP-OFDM 256 QAM	123@61	16.04	16.14	19.10	21.80	0.1514
77	30	90	633334	3500.01	CP-OFDM 256 QAM	1@1	16.04	16.46	19.27	21.97	0.1572
77	30	90	633334	3500.01	CP-OFDM 256 QAM	1@243	16.42	15.9	19.18	21.88	0.1541
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	22.59	22.64	25.63	28.39	0.6895
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	22.78	22.93	25.87	28.63	0.7288
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	22.47	22.12	25.31	28.07	0.6410
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	22.59	22.65	25.63	28.39	0.6903
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	22.69	22.83	25.77	28.53	0.7130
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	22.33	22.04	25.20	27.96	0.6248
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	21.69	21.7	24.71	27.47	0.5579

77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	21.7	21.83	24.78	27.54	0.5670
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	21.34	21.06	24.21	26.97	0.4980
77	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	120@60	20.2	20.21	23.22	25.98	0.3958
77	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@1	20.35	20.46	23.42	26.18	0.4145
77	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@243	19.99	19.73	22.87	25.63	0.3658
77	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	120@60	18.22	18.3	21.27	24.03	0.2530
77	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@1	18.25	18.38	21.33	24.09	0.2562
77	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@243	17.92	17.69	20.82	23.58	0.2279
77	30	90	633666	3504.99	CP-OFDM QPSK	123@61	21.16	21.25	24.22	26.92	0.4915
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	21.52	21.43	24.49	27.19	0.5231
77	30	90	633666	3504.99	CP-OFDM QPSK	1@243	20.98	20.73	23.87	26.57	0.4536
77	30	90	633666	3504.99	CP-OFDM 16 QAM	123@61	20.65	20.63	23.65	26.35	0.4316
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	21	21.38	24.20	26.90	0.4903
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@243	20.56	20.72	23.65	26.35	0.4316
77	30	90	633666	3504.99	CP-OFDM 64 QAM	123@61	19.2	19.22	22.22	24.92	0.3105
77	30	90	633666	3504.99	CP-OFDM 64 QAM	1@1	19.4	19.45	22.44	25.14	0.3262
77	30	90	633666	3504.99	CP-OFDM 64 QAM	1@243	18.92	18.83	21.89	24.59	0.2874
77	30	90	633666	3504.99	CP-OFDM 256 QAM	123@61	16.13	16.25	19.20	21.90	0.1549
77	30	90	633666	3504.99	CP-OFDM 256 QAM	1@1	16.14	16.73	19.46	22.16	0.1643
77	30	90	633666	3504.99	CP-OFDM 256 QAM	1@243	16.21	15.93	19.08	21.78	0.1507
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	22.61	22.62	25.63	28.39	0.6895
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.72	22.92	25.83	28.59	0.7230
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	22.48	22.21	25.36	28.12	0.6482
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	22.63	22.63	25.64	28.40	0.6919
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.76	23	25.89	28.65	0.7332
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	22.4	22.16	25.29	28.05	0.6386
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	21.67	21.71	24.70	27.46	0.5572
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.65	21.93	24.80	27.56	0.5705
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	21.38	21.09	24.25	27.01	0.5021
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	20.15	20.24	23.21	25.97	0.3950
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.29	20.54	23.43	26.19	0.4156
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	20.1	19.79	22.96	25.72	0.3731
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	18.16	18.21	21.20	23.96	0.2486
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.21	18.54	21.39	24.15	0.2599
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	17.85	17.72	20.80	23.56	0.2268

77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	21.05	21.18	24.13	26.83	0.4815
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	21.42	21.43	24.44	27.14	0.5170
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	20.93	20.8	23.88	26.58	0.4545
77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	20.65	20.65	23.66	26.36	0.4325
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	20.82	21.4	24.13	26.83	0.4819
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	20.46	20.7	23.59	26.29	0.4258
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	19.11	19.15	22.14	24.84	0.3048
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	19.4	19.51	22.47	25.17	0.3285
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	18.9	18.83	21.88	24.58	0.2868
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	16.05	16.14	19.11	21.81	0.1515
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	16.32	16.77	19.56	22.26	0.1683
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	16.23	15.25	18.78	21.48	0.1405

FR1 N77 MIMO(ANT2)

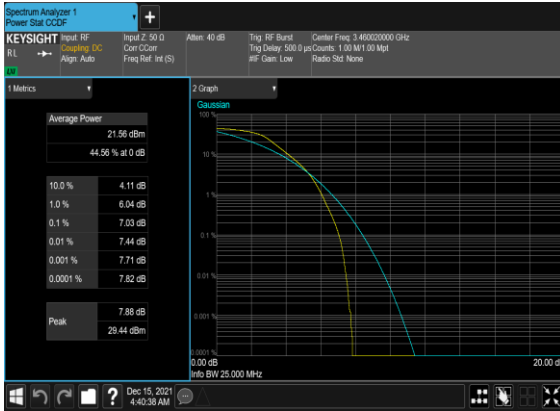
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00269	PASS	NV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.0064	PASS	LV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00646	PASS	HV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00607	PASS	-30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00327	PASS	-20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00403	PASS	-10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.0053	PASS	0°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00437	PASS	10°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00557	PASS	20°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00381	PASS	30°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.00435	PASS	40°C
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	-0.0039	PASS	50°C

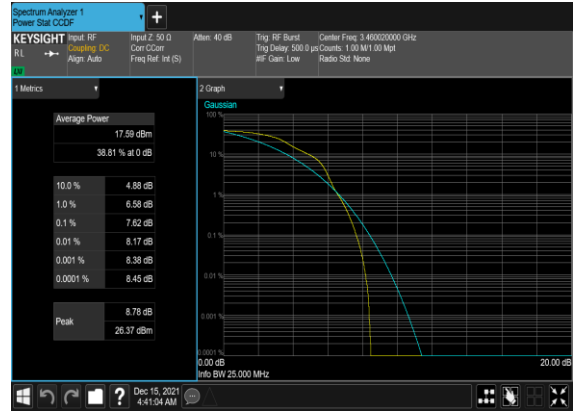
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	50@0	7.03	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@0	7.62	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	7.8	13	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	8.5	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	7.15	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	7.59	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	8.03	13	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	8.55	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	50@0	7.18	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM PI/2 BPSK	1@0	7.63	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	8.2	13	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	8.43	13	PASS

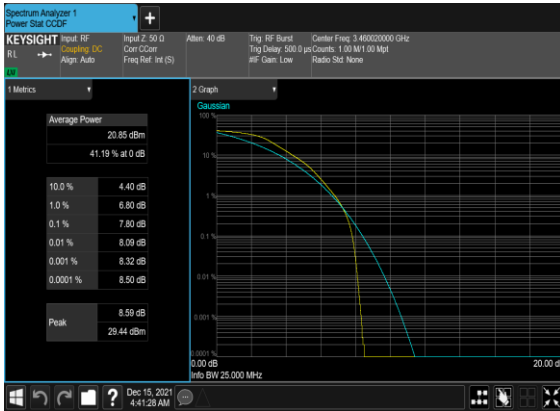
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



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



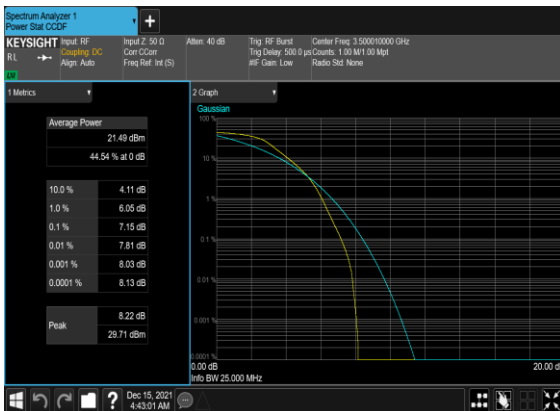
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



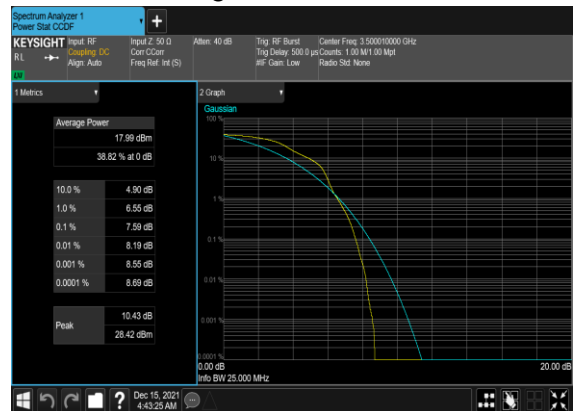
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



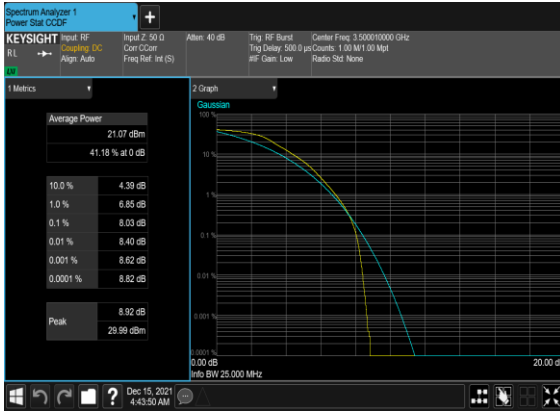
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



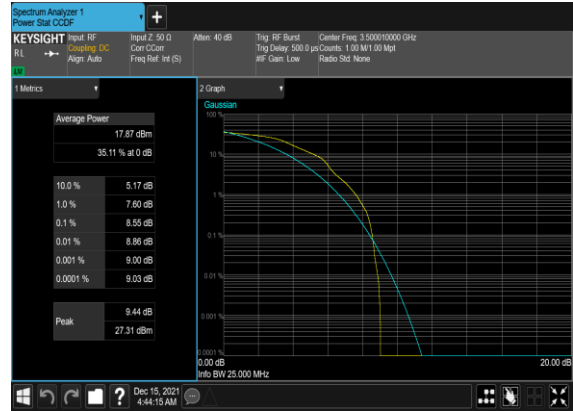
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



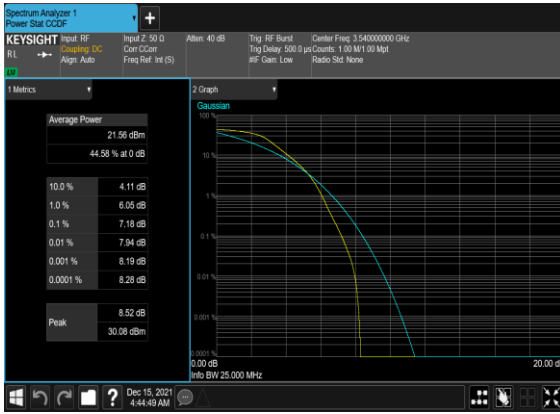
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



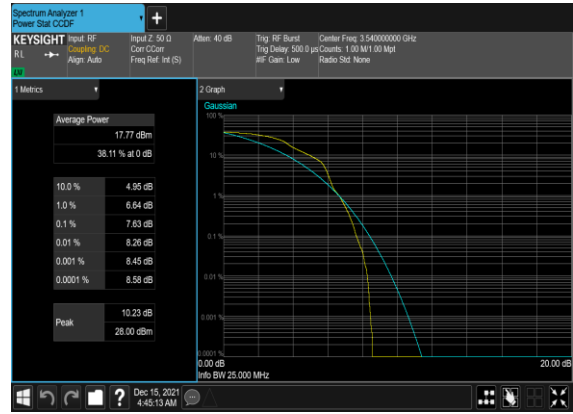
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



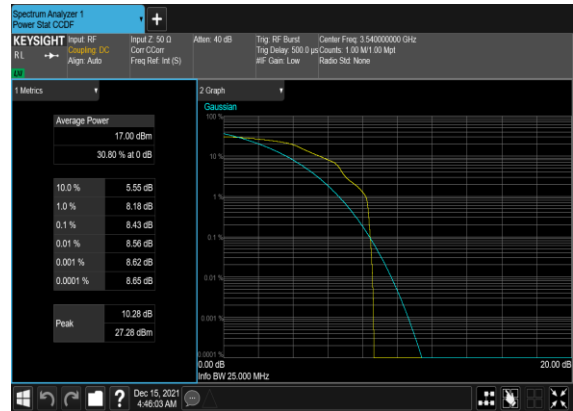
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



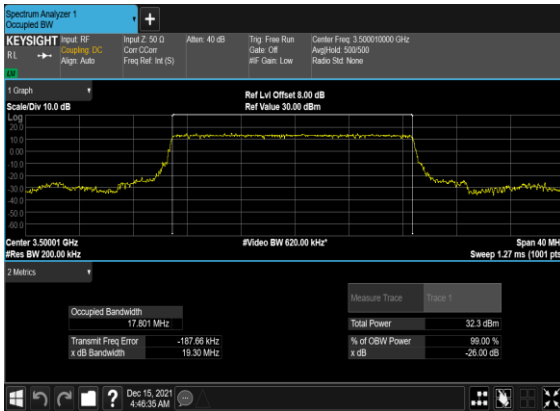
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	17.801	19.3
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.82	19.03
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.214	19.54
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.231	19.44
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.169	19.34
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.152	19.68
77	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	75@0	26.759	28.33
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	26.772	28.37
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.869	29.75
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.812	29.39
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.822	29.35
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.842	29.22
77	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	100@0	35.726	37.5
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	100@0	35.748	37.28
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.796	39.64
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.81	39.54
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.82	39.66
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.982	39.72
77	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	128@0	45.821	47.64
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	128@0	45.783	47.96
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.503	49.26
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.553	49.44
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.441	49.43
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.49	49.26

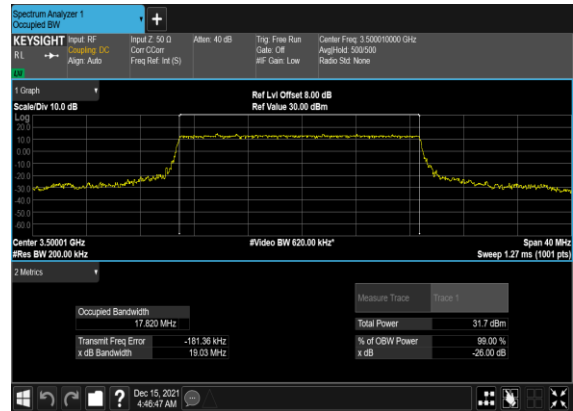
77	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	162@0	57.896	59.9
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	162@0	57.964	60.26
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.775	60.18
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.86	60.26
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.797	59.74
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.788	60.07
77	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	180@0	64.451	66.49
77	30	70	633334	3500.01	DFT-s-OFDM QPSK	180@0	64.404	66.7
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.481	69.62
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.556	69.78
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.339	69.88
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.524	69.98
77	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	216@0	77.196	79.73
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	216@0	77.164	79.96
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.458	80.39
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.452	80.03
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.492	80.41
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.492	80.05
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	240@0	85.696	88.57
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	240@0	85.786	88.67
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.485	90.37
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.36	90.33
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.566	90.43
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.505	90.3
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	96.366	99.59
77	30	100	633334	3500.01	DFT-s-OFDM	270@0	96.352	99.57

QPSK								
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.518	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.557	100.7
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.395	100.7
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.642	100.6

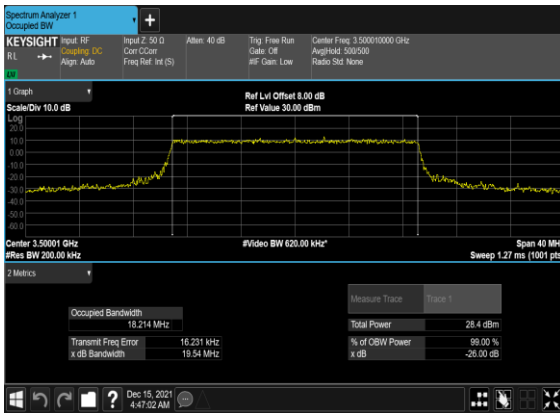
N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



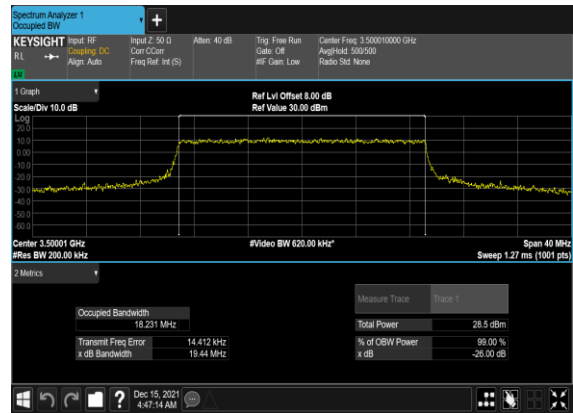
N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



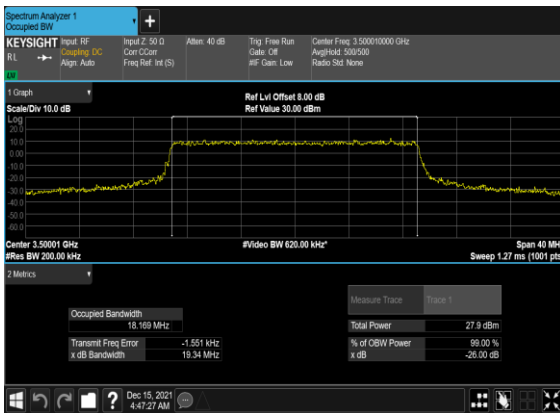
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



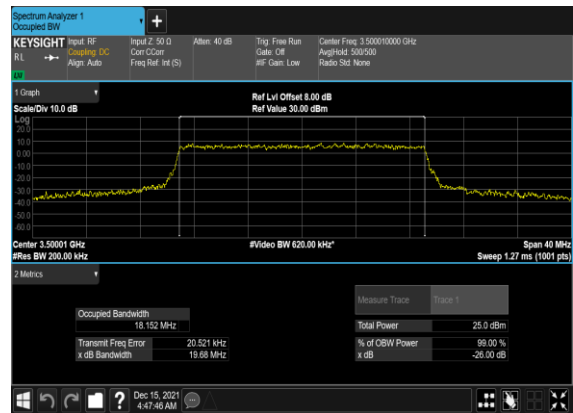
N77(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



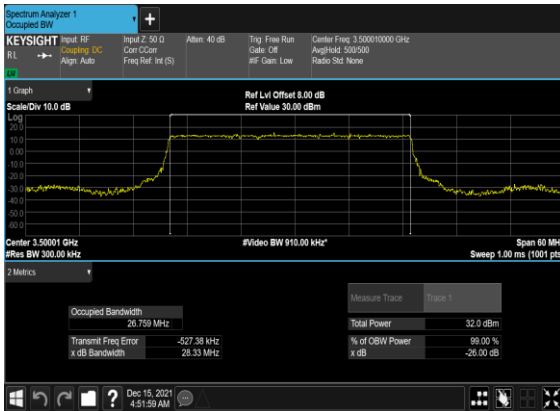
N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



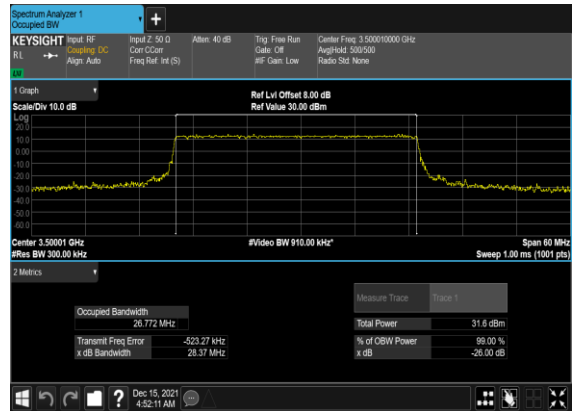
N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



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



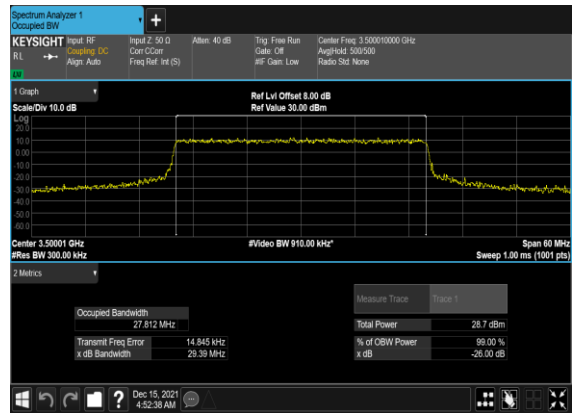
N77(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



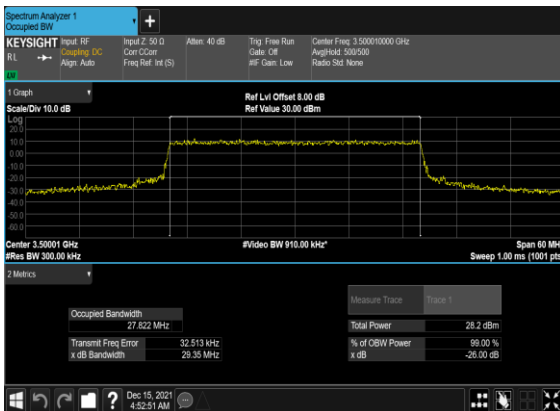
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



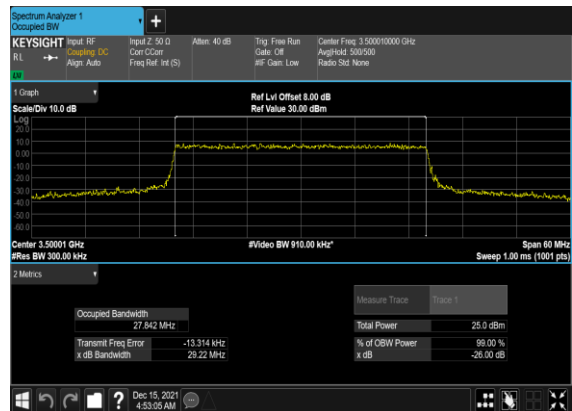
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



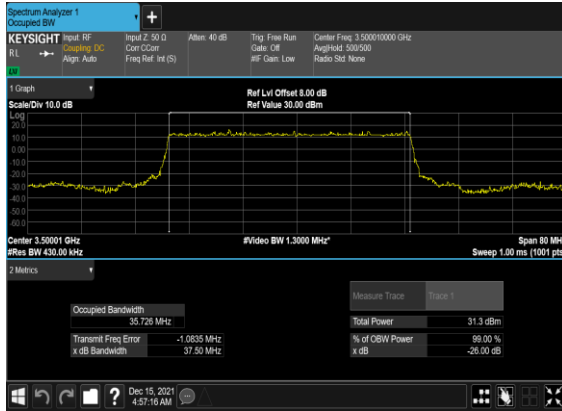
N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



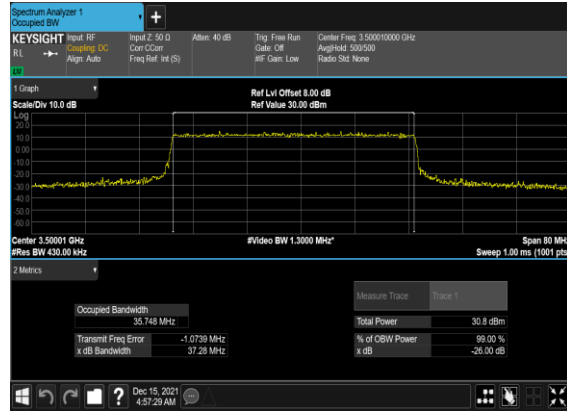
N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



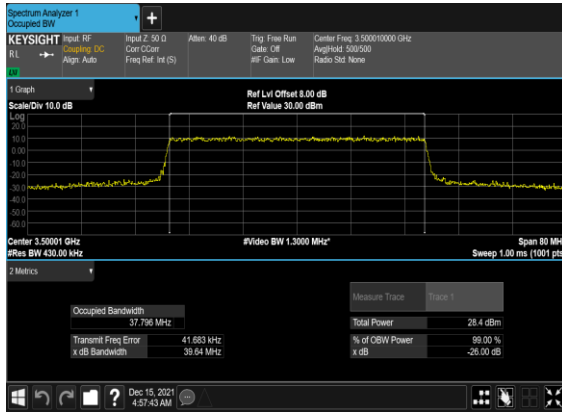
N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N77(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



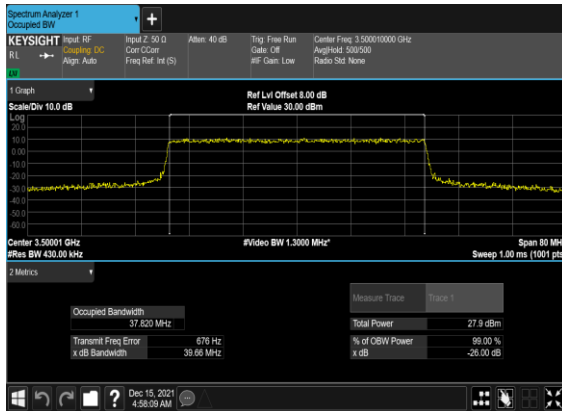
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



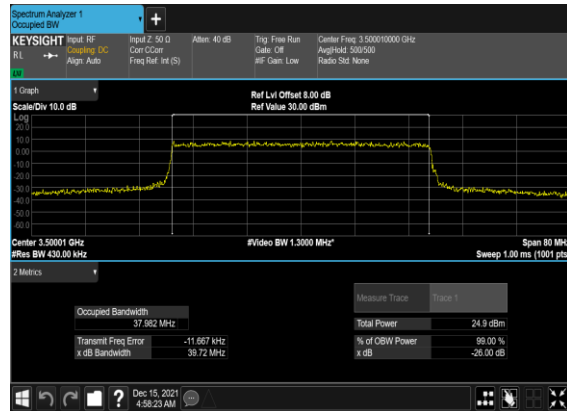
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



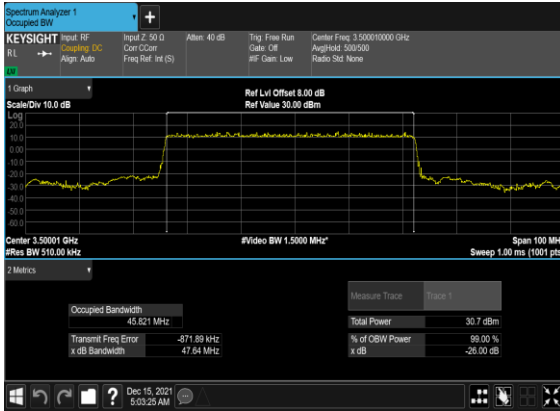
N77(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



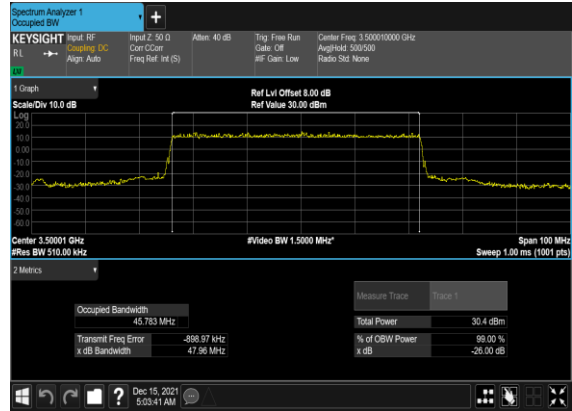
N77(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



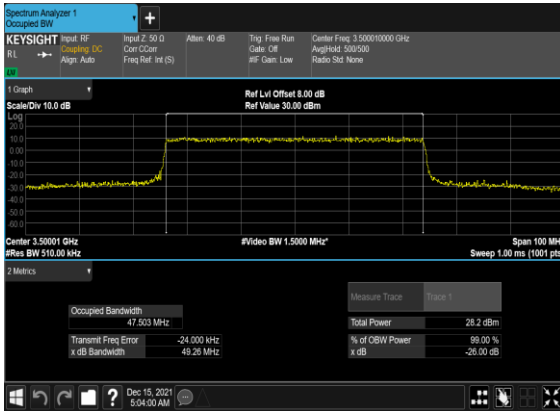
N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



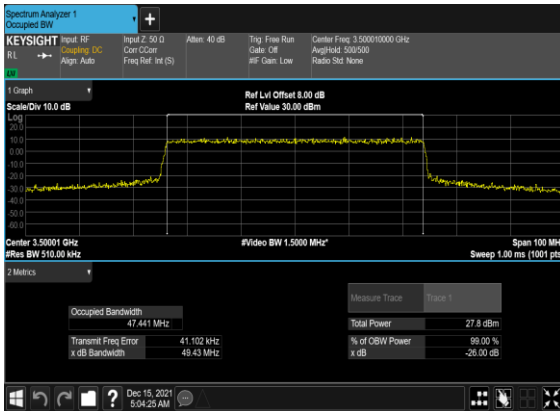
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



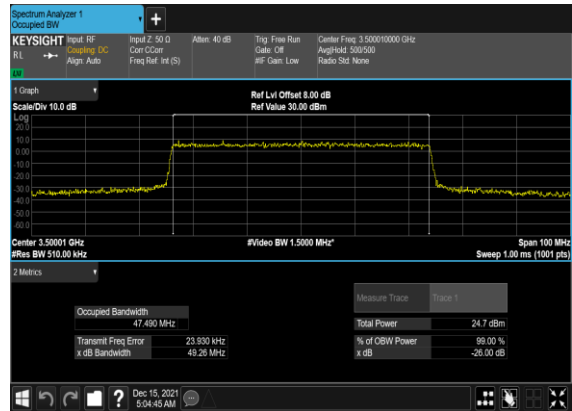
N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



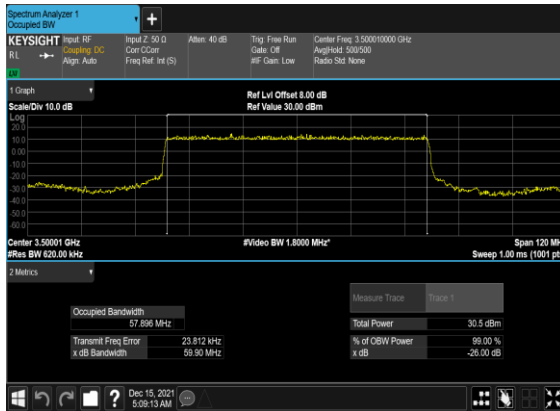
N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



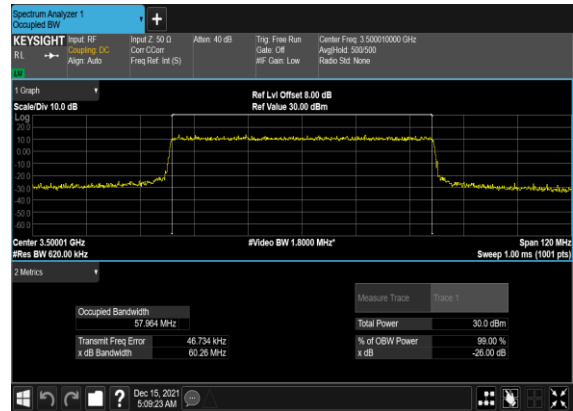
N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



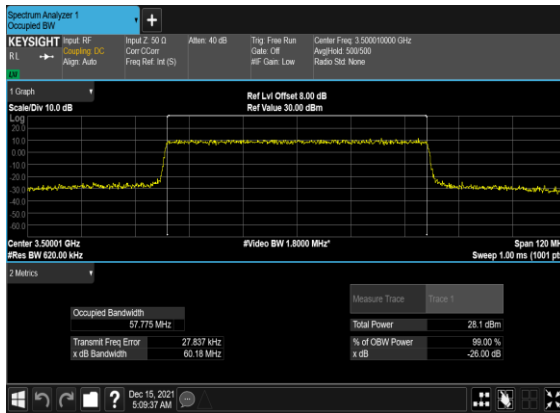
N77(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



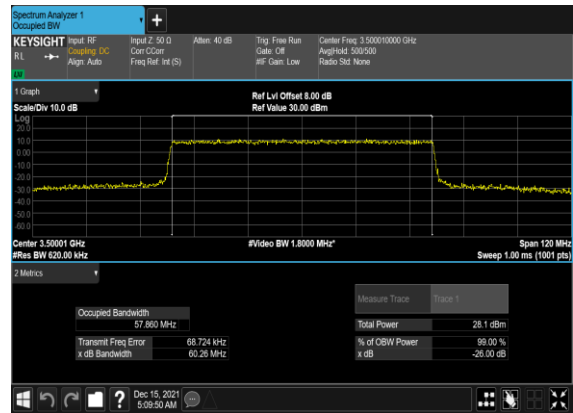
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



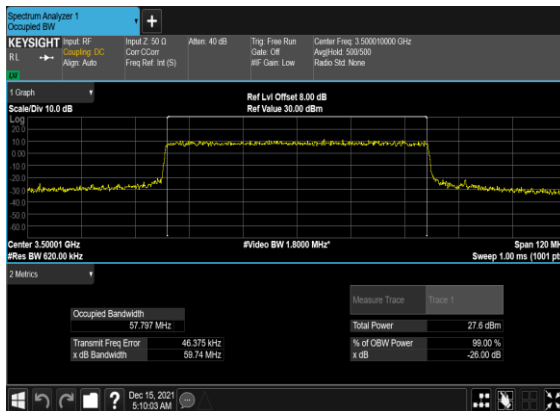
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



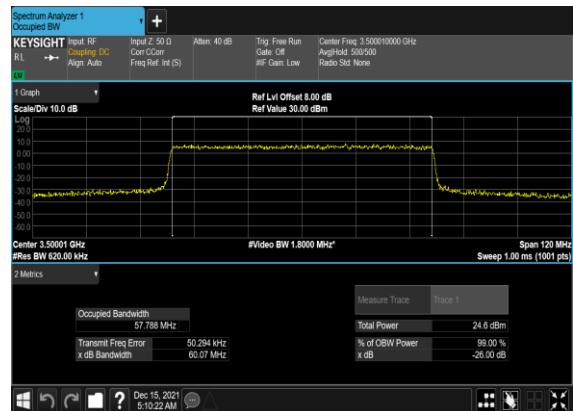
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



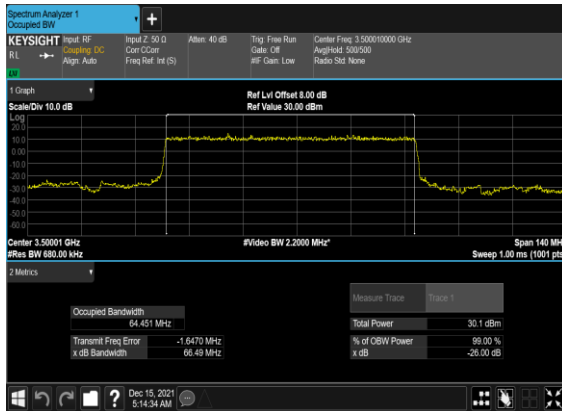
N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



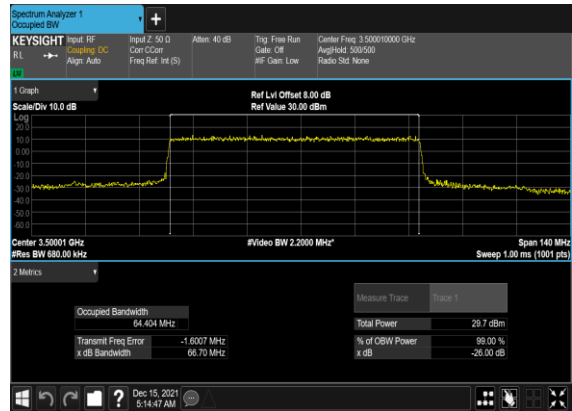
N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(70M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N77(70M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



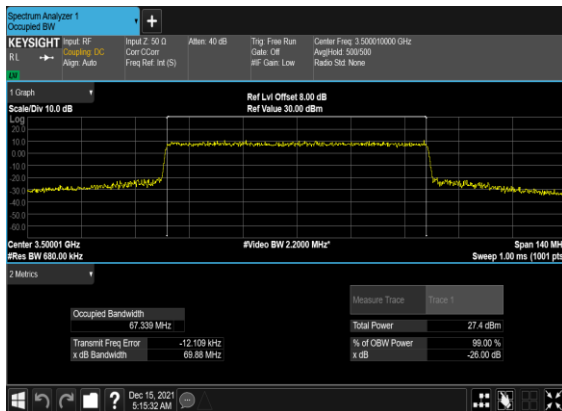
N77(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



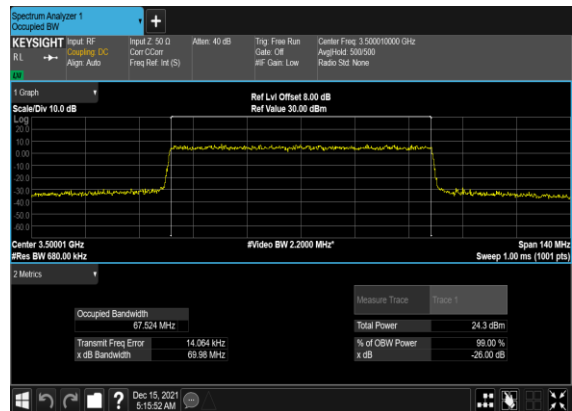
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



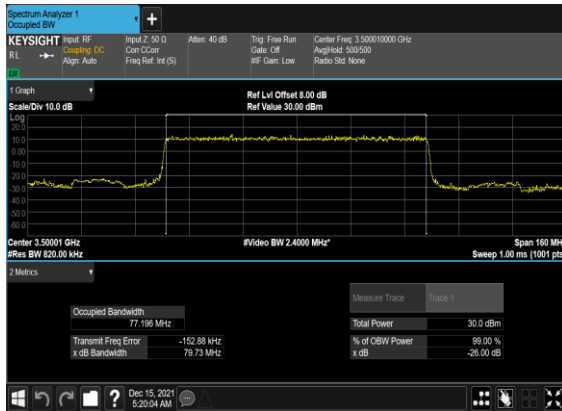
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



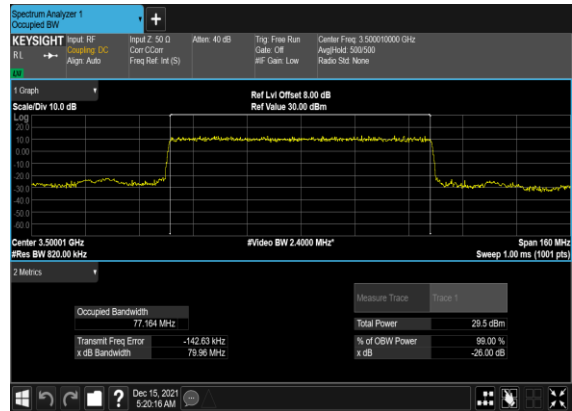
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



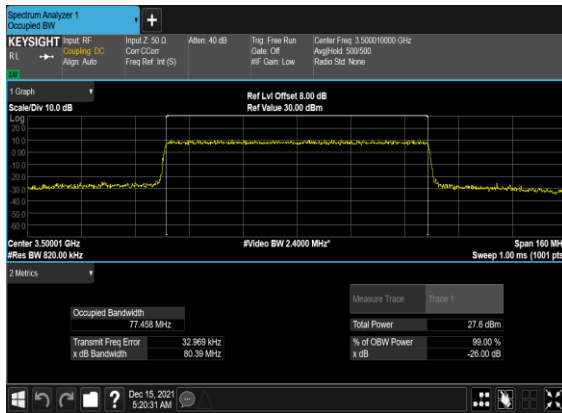
N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



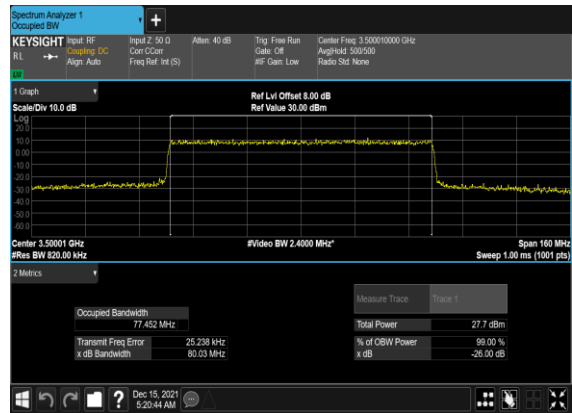
N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



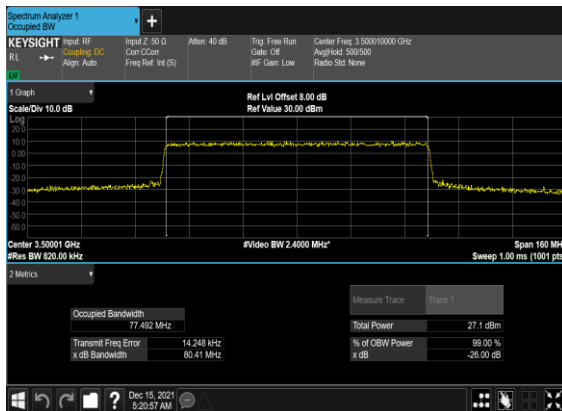
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



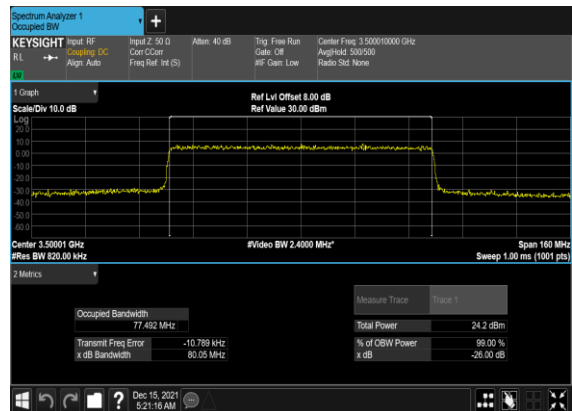
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



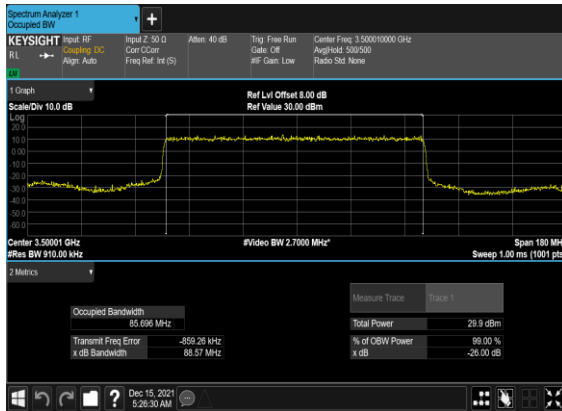
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



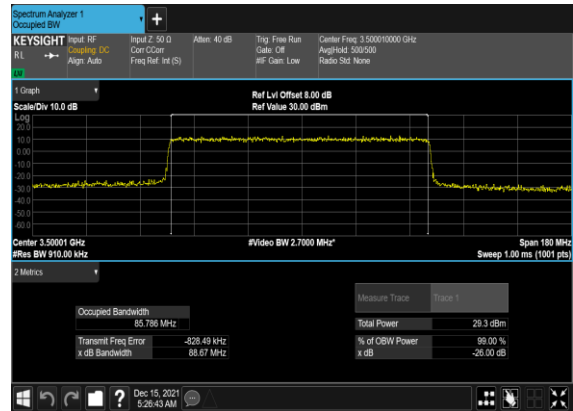
N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



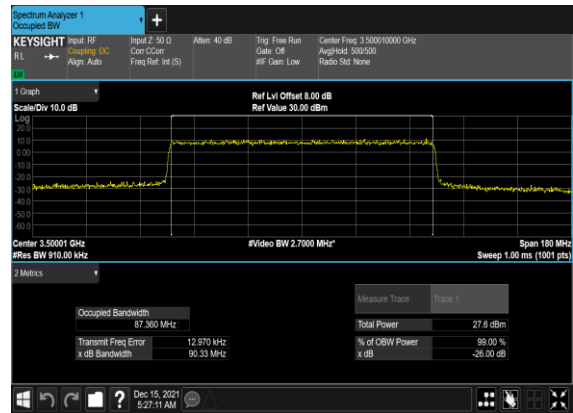
N77(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



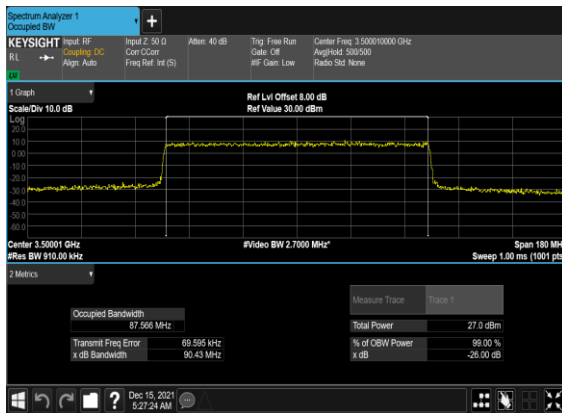
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



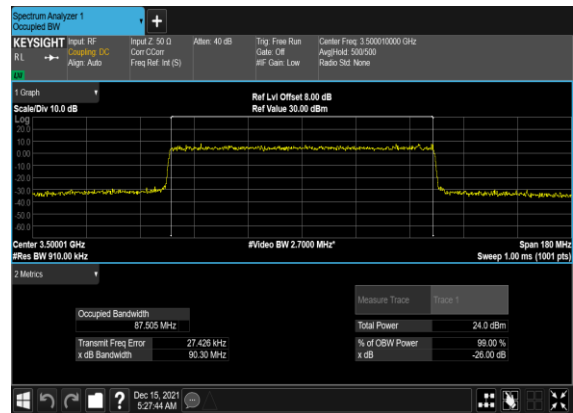
N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



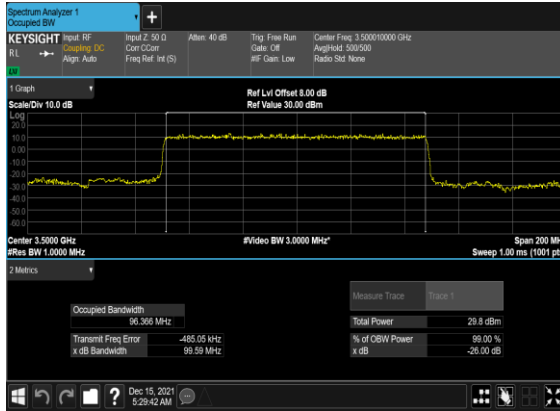
N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



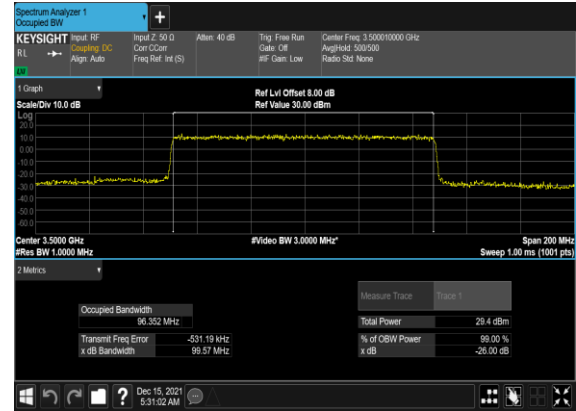
N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



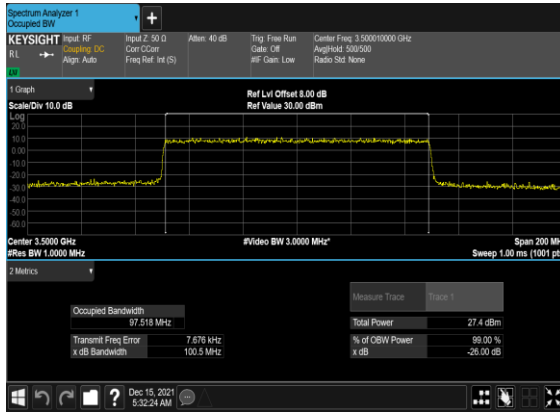
N77(100M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



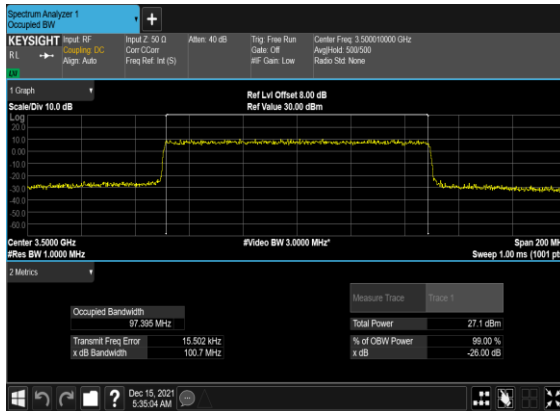
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



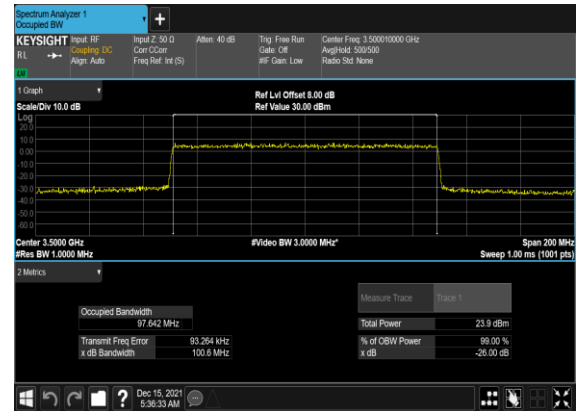
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

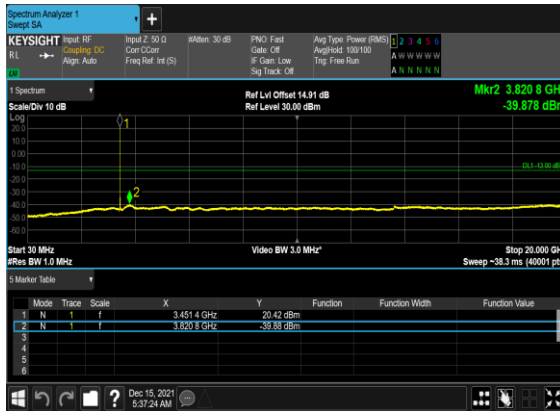


Conducted Spurious Emissions

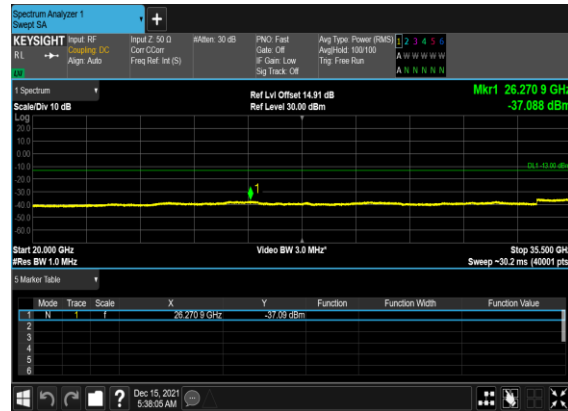
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	---

77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS

N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



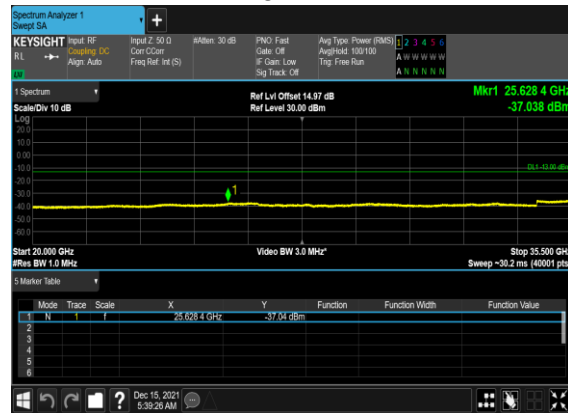
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



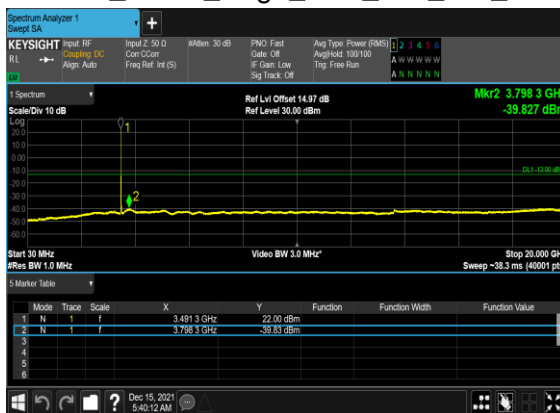
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



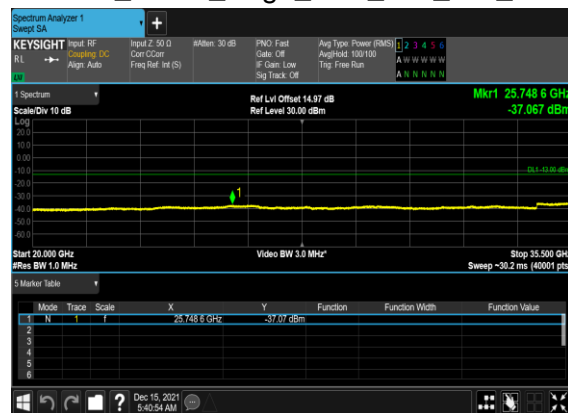
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



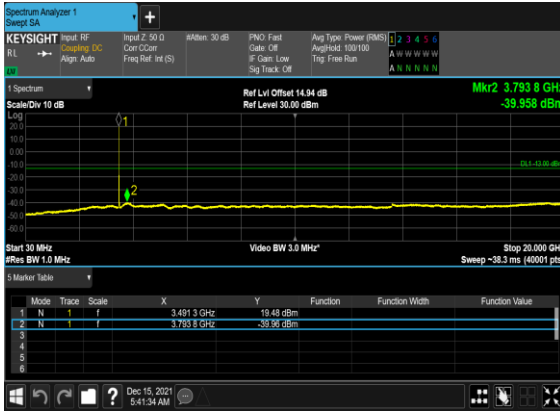
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



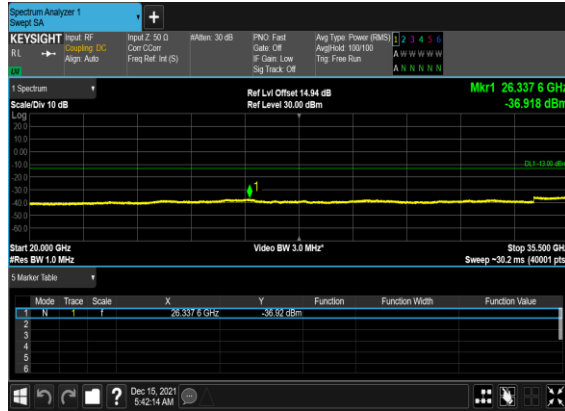
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



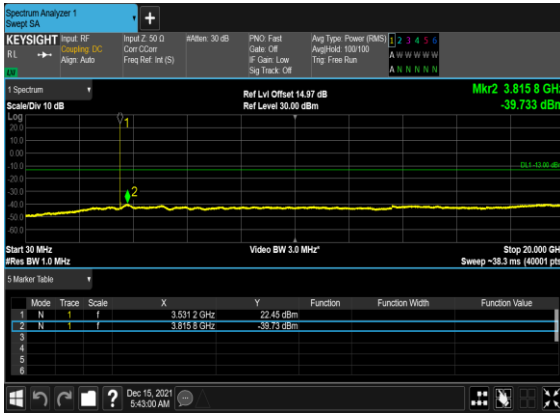
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



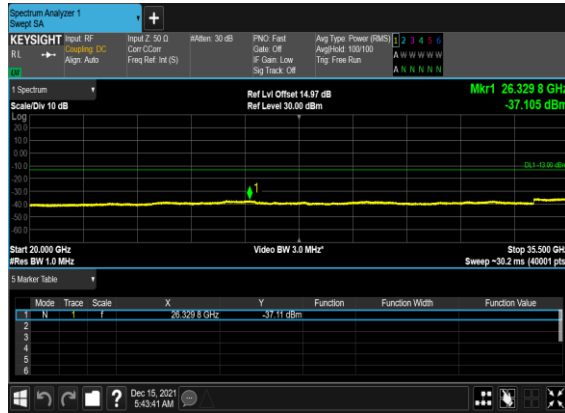
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



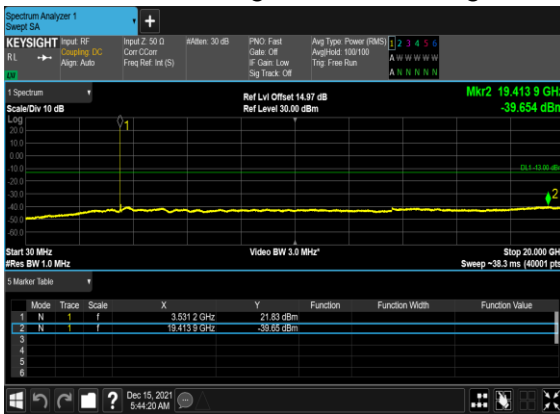
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

