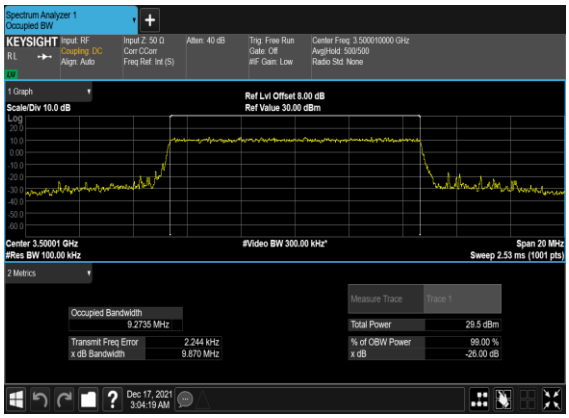
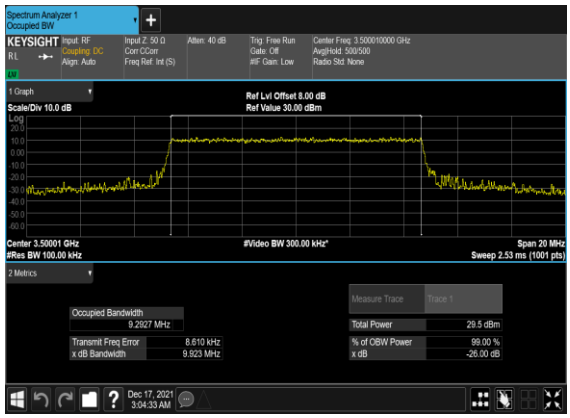
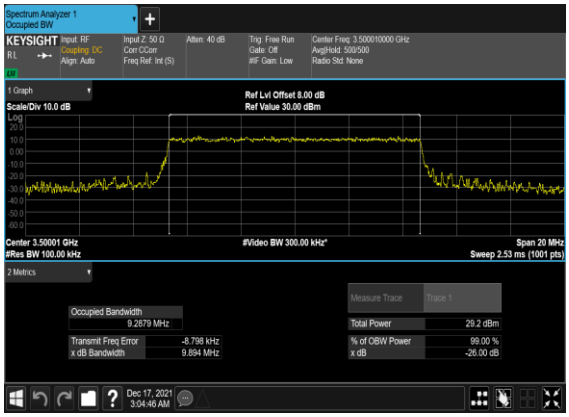
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



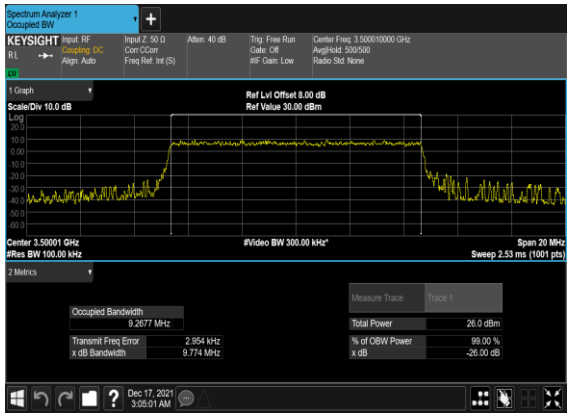
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



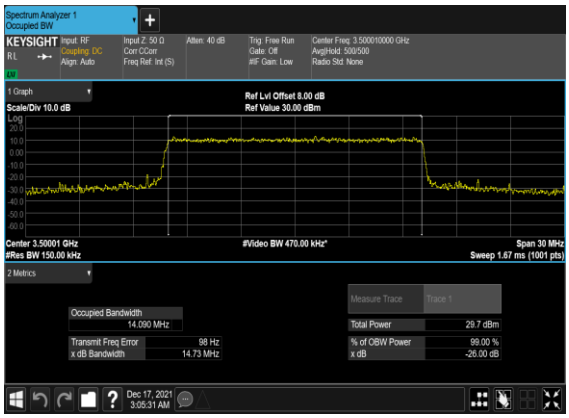
N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

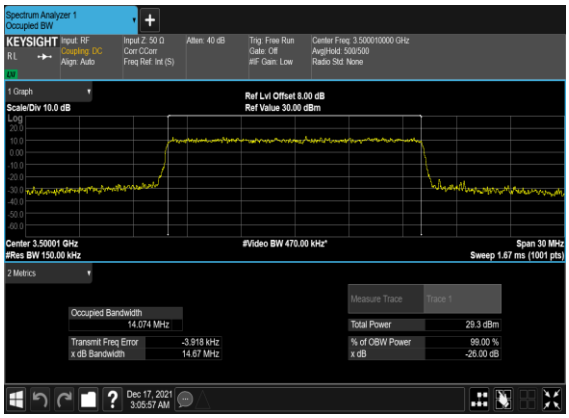


N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



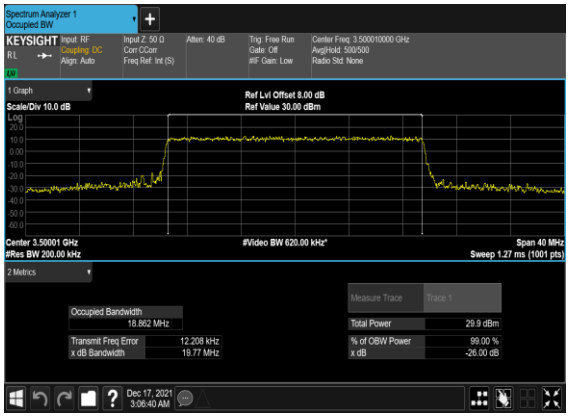
N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

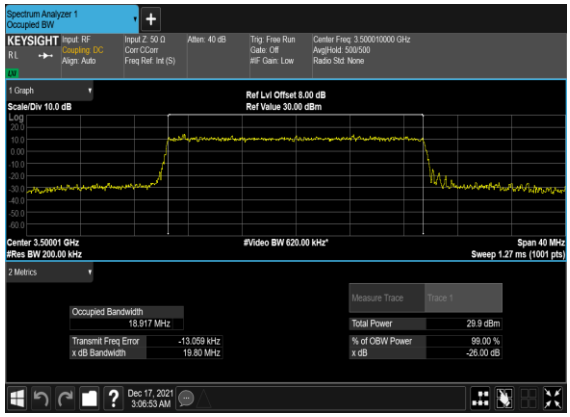


N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

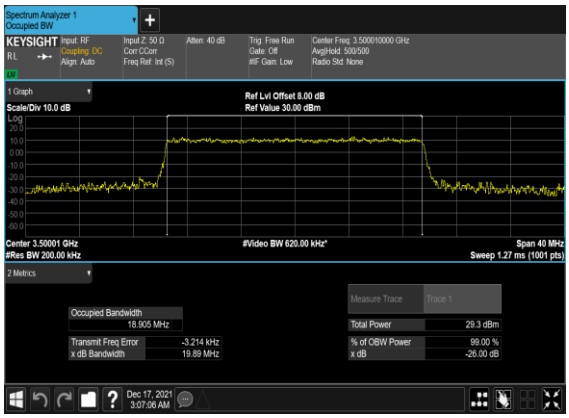
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

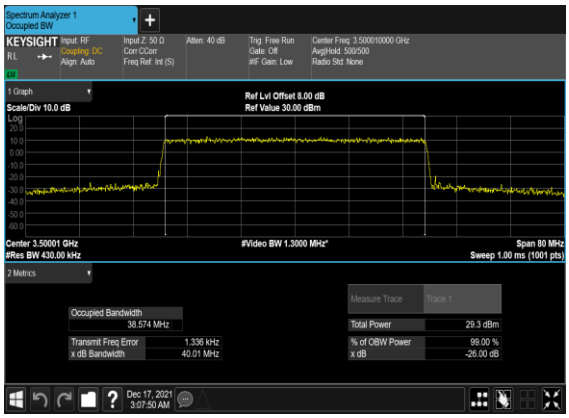


N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

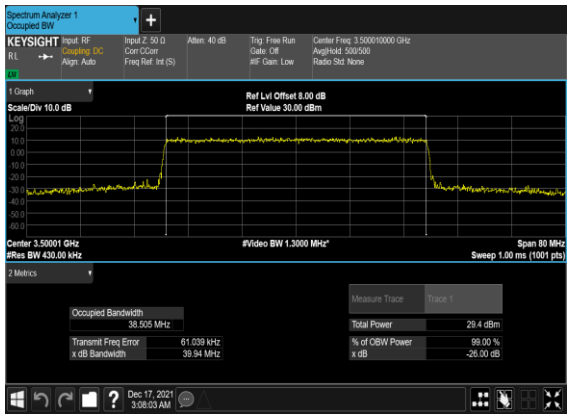


N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

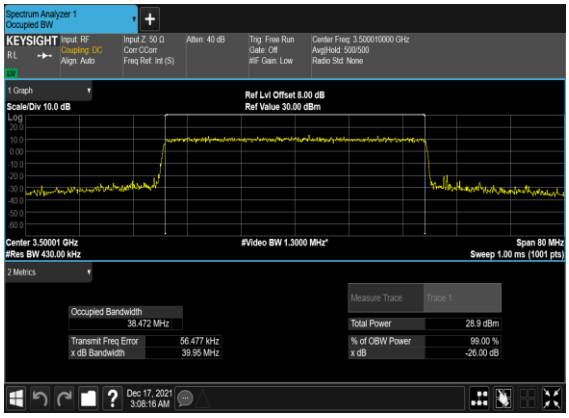
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



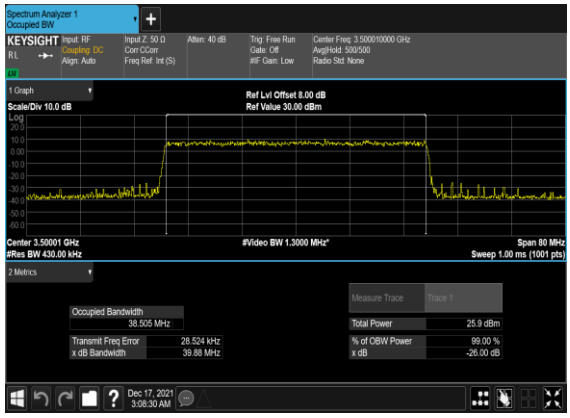
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



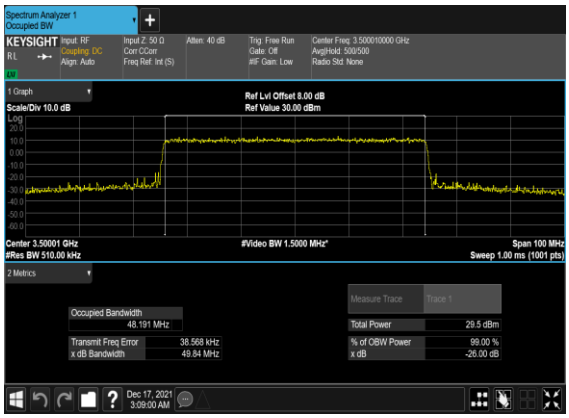
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



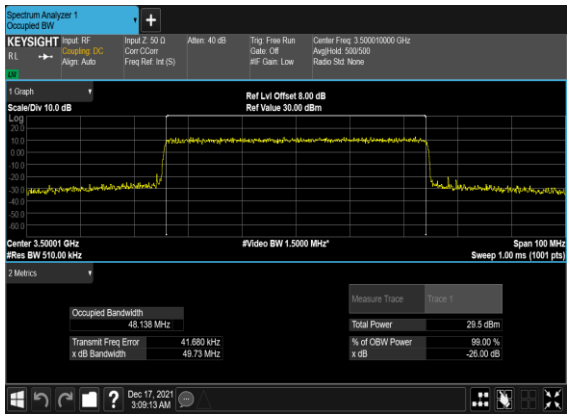
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



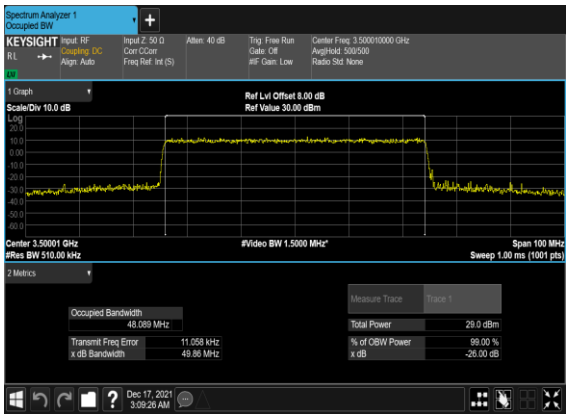
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



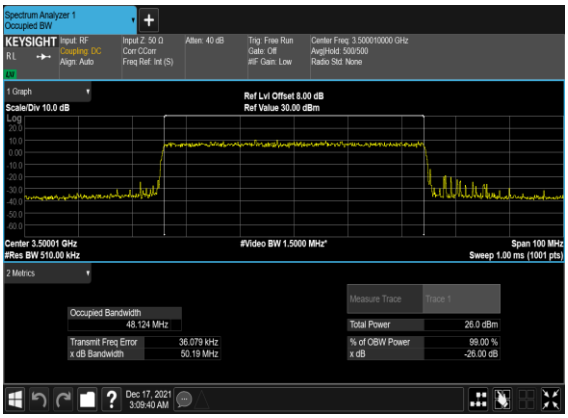
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

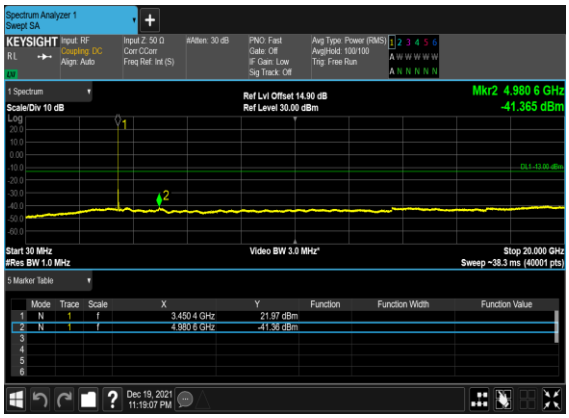


Conducted Spurious Emissions

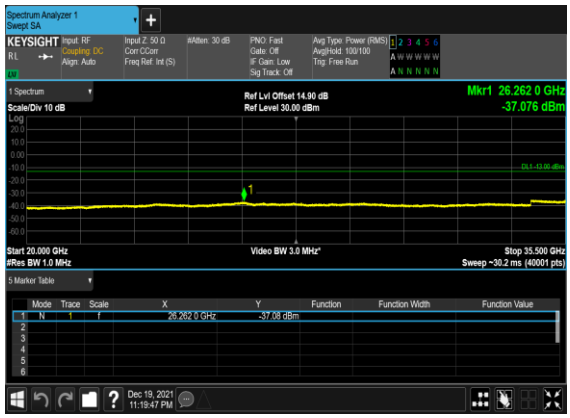
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**---**
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	**---**
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	20	630667	3460.005	CP-OFDM QPSK	1@0	see graph	**---**
77	15	20	630667	3460.005	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	20	630667	3460.005	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	15	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	**---**
77	15	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	**---**
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**

77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**---**
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**PASS**

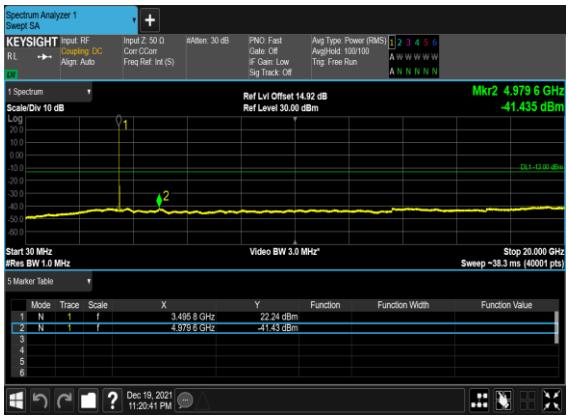
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



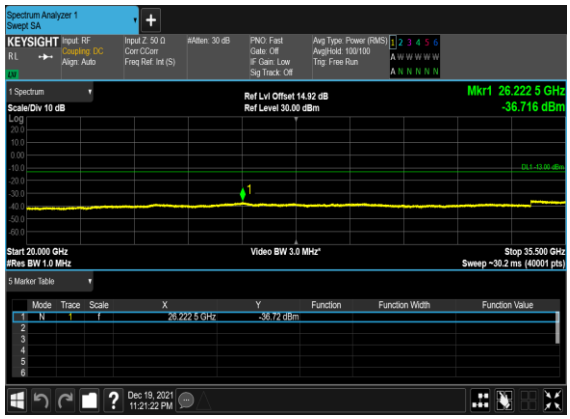
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



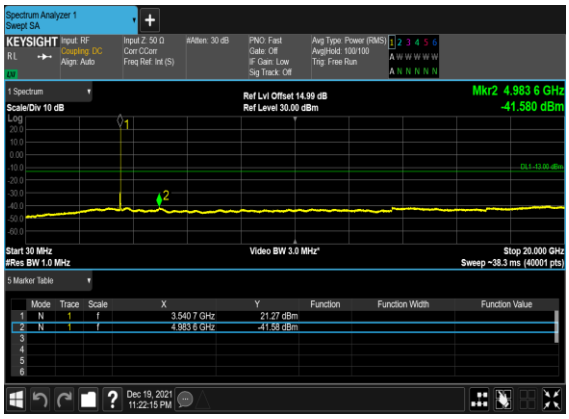
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



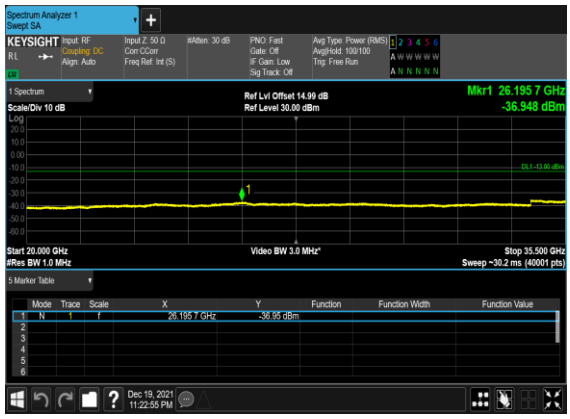
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



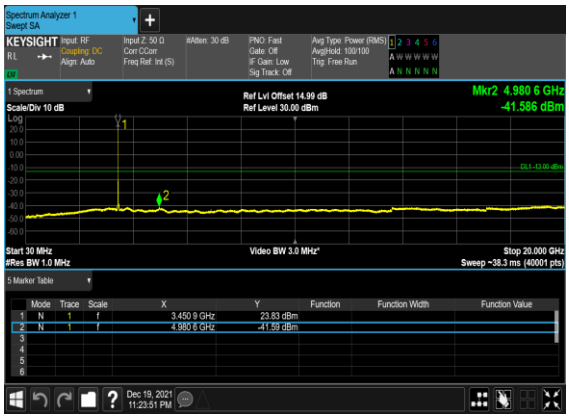
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



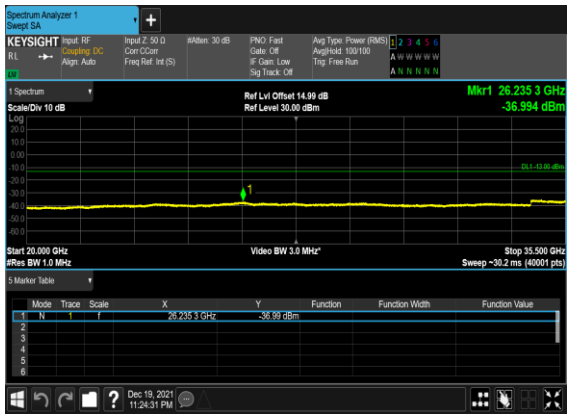
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



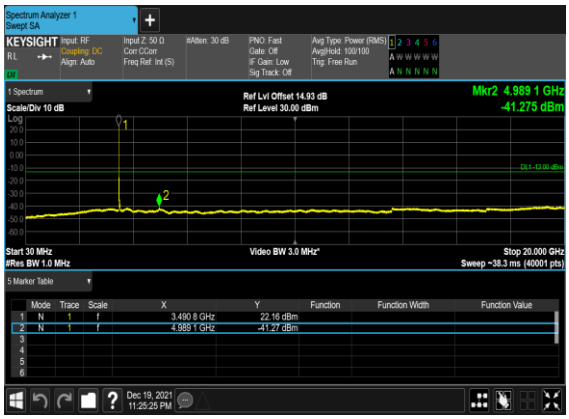
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



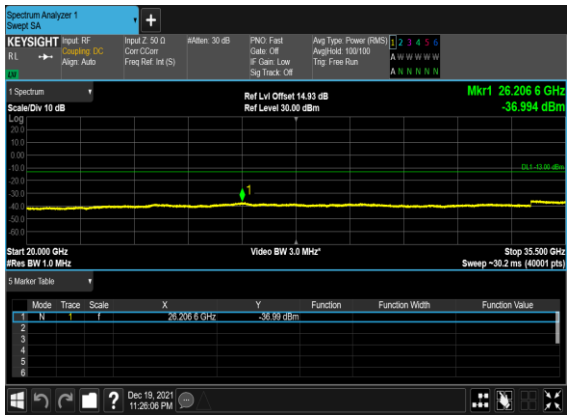
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



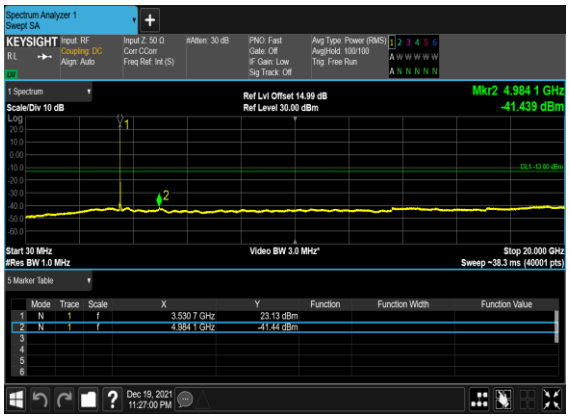
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



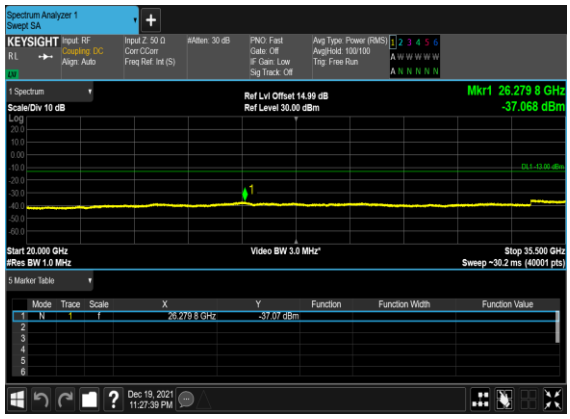
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



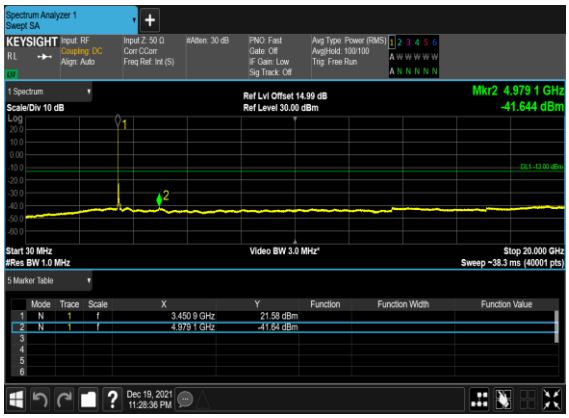
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



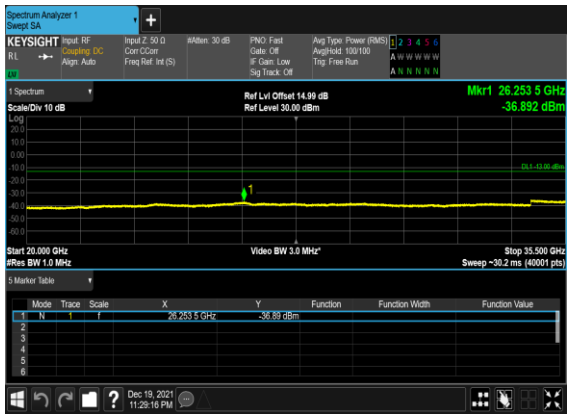
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



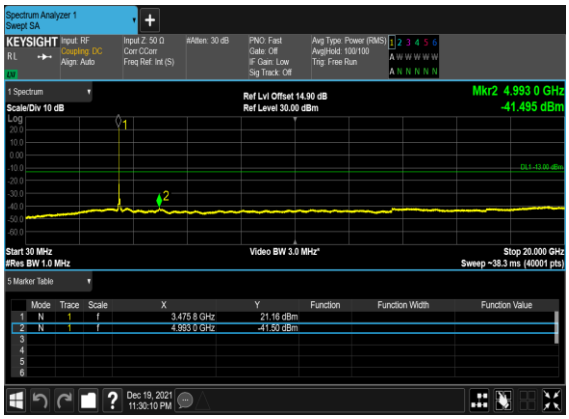
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



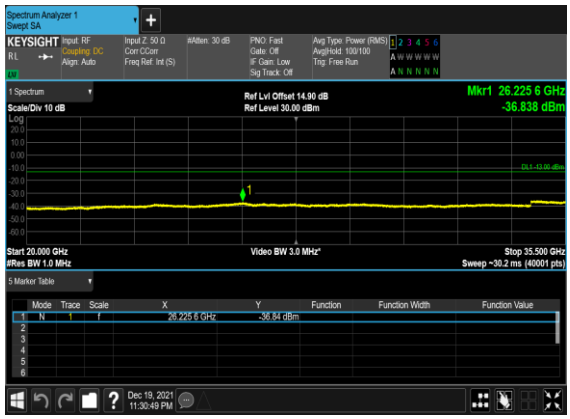
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



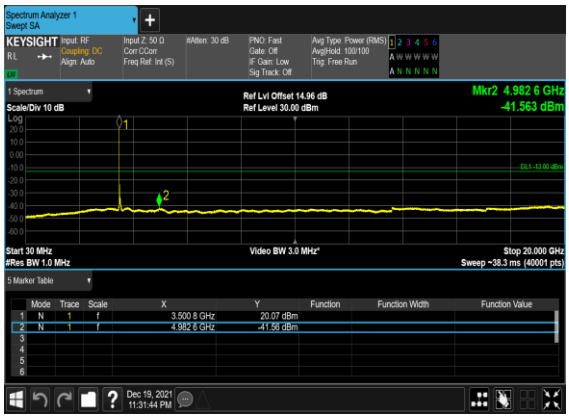
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



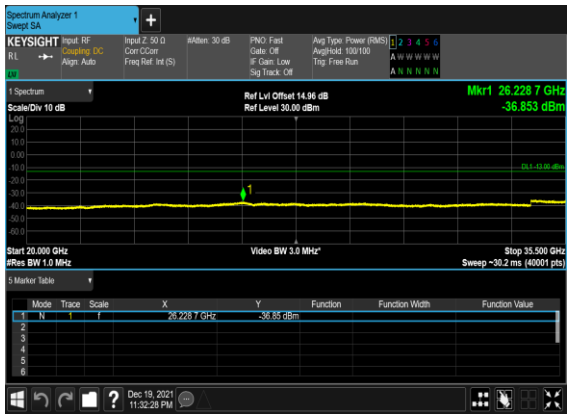
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



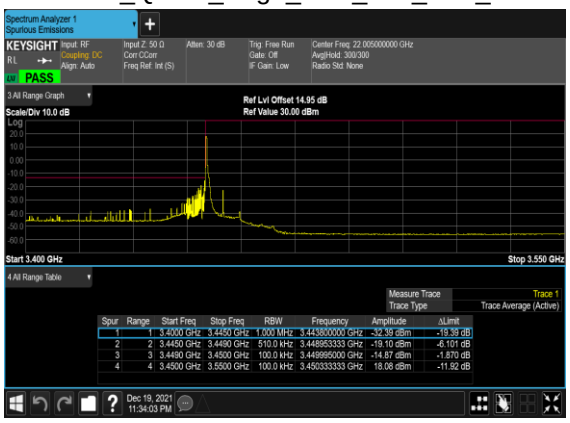
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



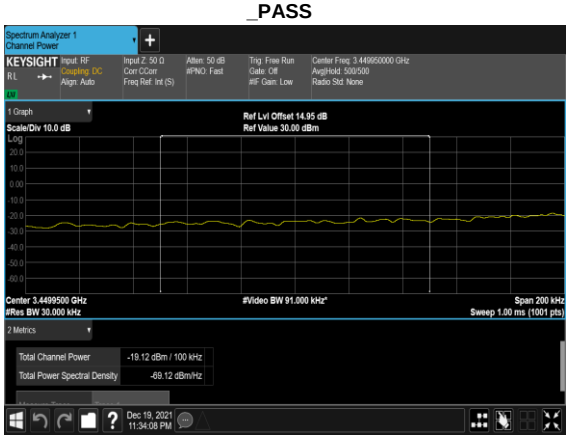
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	630334	3455.01	CP-OFDM QPSK	52@0	see graph	**PASS**
77	15	10	636333	3544.995	CP-OFDM QPSK	1@51	see graph	**PASS**
77	15	10	636333	3544.995	CP-OFDM QPSK	52@0	see graph	**PASS**
77	15	20	630667	3460.005	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	20	630667	3460.005	CP-OFDM QPSK	106@0	see graph	**PASS**
77	15	20	636000	3540.0	CP-OFDM QPSK	1@105	see graph	**PASS**
77	15	20	636000	3540.0	CP-OFDM QPSK	106@0	see graph	**PASS**
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	631667	3475.005	CP-OFDM QPSK	270@0	see graph	**PASS**
77	15	50	635000	3525.0	CP-OFDM QPSK	1@269	see graph	**PASS**
77	15	50	635000	3525.0	CP-OFDM QPSK	270@0	see graph	**PASS**

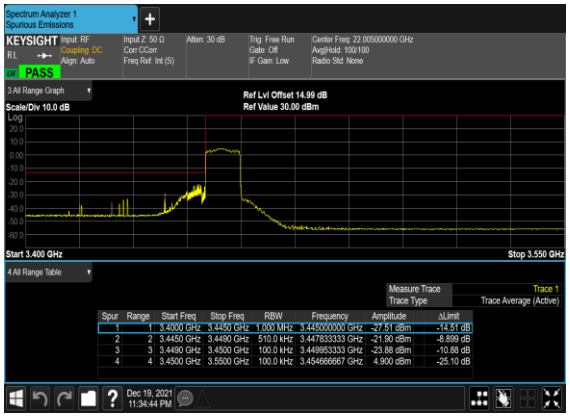
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



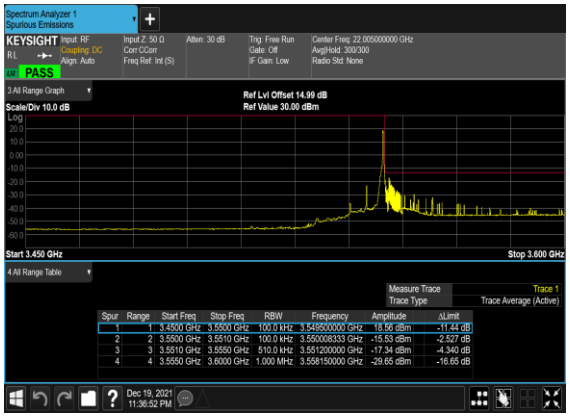
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



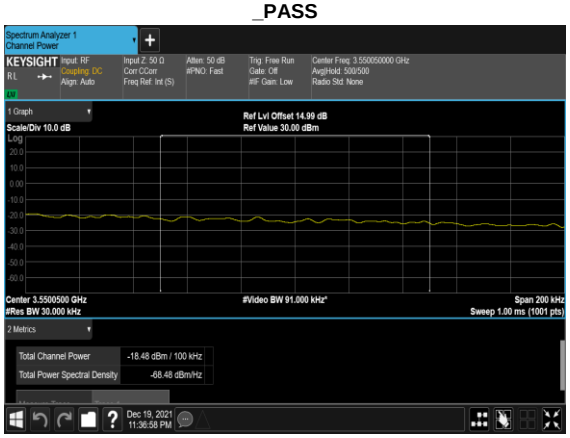
N77(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH

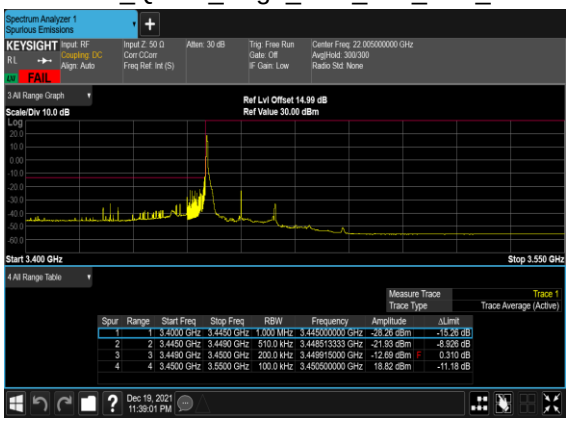


N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

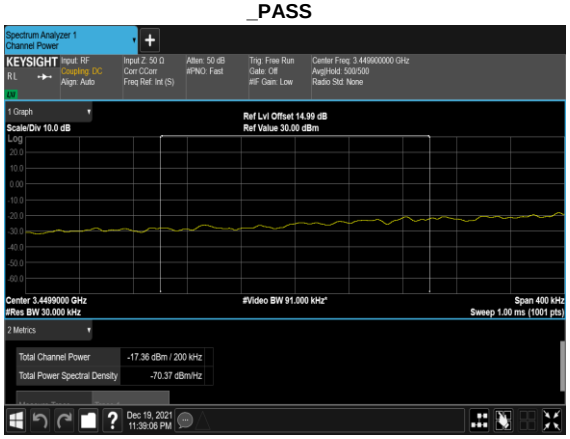


N77(10M)_CP-OFDM_QPSK_Outer_Full_High_CH

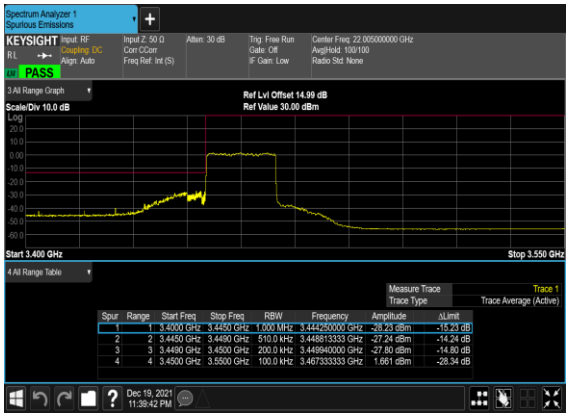
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



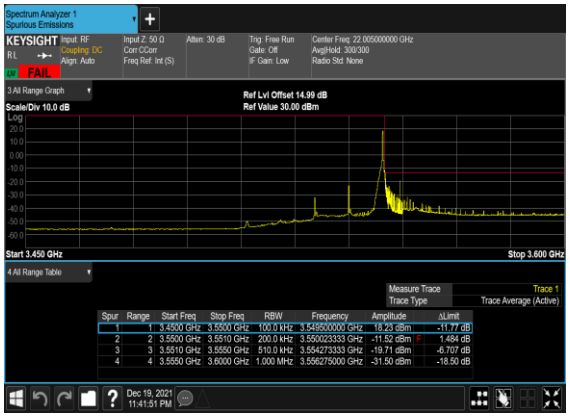
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



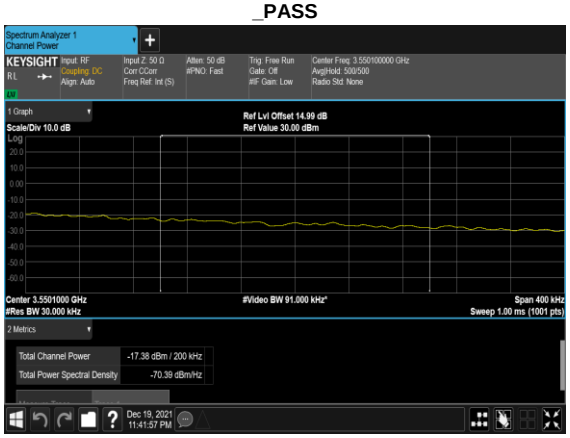
N77(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH



N77(20M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH

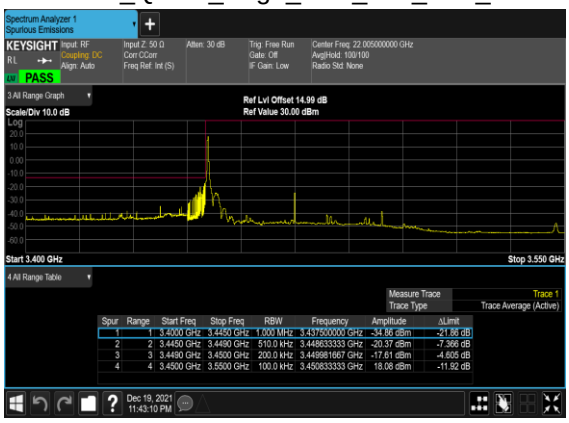


N77(20M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

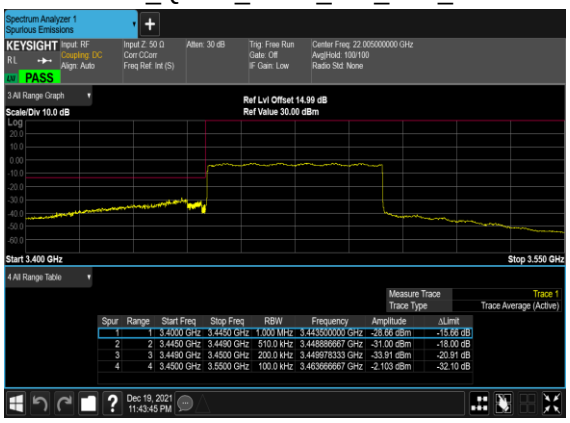


N77(20M)_CP-OFDM_QPSK_Outer_Full_High_CH

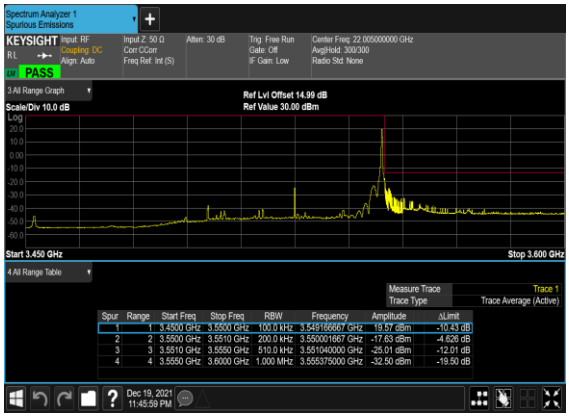
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH

Software Version: 21.02.121001

FR1 N77(MIMO ANT5+6) – SCS 30kHz

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=6.0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	630334	3455.01	CP-OFDM QPSK	12@6	21.45	21.3	24.39	30.39	1.0929
77	30	10	630334	3455.01	CP-OFDM QPSK	1@1	21.48	21.3	24.40	30.40	1.0968
77	30	10	630334	3455.01	CP-OFDM QPSK	1@22	21.45	21.2	24.34	30.34	1.0807
77	30	10	630334	3455.01	CP-OFDM 16 QAM	12@6	20.95	20.82	23.90	29.90	0.9763
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	21.01	20.85	23.94	29.94	0.9865
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@22	20.99	20.76	23.89	29.89	0.9743
77	30	10	630334	3455.01	CP-OFDM 64 QAM	12@6	19.4	19.36	22.39	28.39	0.6903
77	30	10	630334	3455.01	CP-OFDM 64 QAM	1@1	19.53	19.53	22.54	28.54	0.7145
77	30	10	630334	3455.01	CP-OFDM 64 QAM	1@22	19.39	19.53	22.47	28.47	0.7032
77	30	10	630334	3455.01	CP-OFDM 256 QAM	12@6	16.39	16.3	19.36	25.36	0.3432
77	30	10	630334	3455.01	CP-OFDM 256 QAM	1@1	16.47	16.23	19.36	25.36	0.3437
77	30	10	630334	3455.01	CP-OFDM 256 QAM	1@22	16.31	16.21	19.27	25.27	0.3366
77	30	10	633334	3500.01	CP-OFDM QPSK	12@6	21.43	21.62	24.54	30.54	1.1314
77	30	10	633334	3500.01	CP-OFDM QPSK	1@1	21.44	21.54	24.50	30.50	1.1222
77	30	10	633334	3500.01	CP-OFDM QPSK	1@22	21.36	21.58	24.48	30.48	1.1173
77	30	10	633334	3500.01	CP-OFDM 16 QAM	12@6	20.88	21.1	24.00	30.00	1.0004
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	20.93	21.11	24.03	30.03	1.0072
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@22	20.9	21.19	24.06	30.06	1.0134
77	30	10	633334	3500.01	CP-OFDM 64 QAM	12@6	19.34	19.63	22.50	28.50	0.7076
77	30	10	633334	3500.01	CP-OFDM 64 QAM	1@1	19.51	19.77	22.65	28.65	0.7332
77	30	10	633334	3500.01	CP-OFDM 64 QAM	1@22	19.47	19.81	22.65	28.65	0.7334
77	30	10	633334	3500.01	CP-OFDM 256 QAM	12@6	16.34	16.59	19.48	25.48	0.3529
77	30	10	633334	3500.01	CP-OFDM 256 QAM	1@1	16.31	16.46	19.40	25.40	0.3464
77	30	10	633334	3500.01	CP-OFDM 256 QAM	1@22	16.23	16.5	19.38	25.38	0.3449
77	30	10	636332	3544.98	CP-OFDM QPSK	12@6	21.62	21.74	24.69	30.69	1.1724
77	30	10	636332	3544.98	CP-OFDM QPSK	1@1	21.58	21.71	24.66	30.66	1.1630
77	30	10	636332	3544.98	CP-OFDM QPSK	1@22	21.57	21.68	24.64	30.64	1.1576

77	30	10	636332	3544.98	CP-OFDM 16 QAM	12@6	21.11	21.23	24.18	30.18	1.0425
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	21.19	21.26	24.24	30.24	1.0557
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@22	21.13	21.27	24.21	30.21	1.0498
77	30	10	636332	3544.98	CP-OFDM 64 QAM	12@6	19.6	19.7	22.66	28.66	0.7346
77	30	10	636332	3544.98	CP-OFDM 64 QAM	1@1	19.76	19.91	22.85	28.85	0.7666
77	30	10	636332	3544.98	CP-OFDM 64 QAM	1@22	19.69	19.91	22.81	28.81	0.7606
77	30	10	636332	3544.98	CP-OFDM 256 QAM	12@6	16.58	16.77	19.69	25.69	0.3704
77	30	10	636332	3544.98	CP-OFDM 256 QAM	1@1	16.56	16.63	19.61	25.61	0.3635
77	30	10	636332	3544.98	CP-OFDM 256 QAM	1@22	16.42	16.58	19.51	25.51	0.3557
77	30	15	630500	3457.5	CP-OFDM QPSK	19@9	21.49	21.57	24.54	30.54	1.1325
77	30	15	630500	3457.5	CP-OFDM QPSK	1@1	21.49	21.45	24.48	30.48	1.1170
77	30	15	630500	3457.5	CP-OFDM QPSK	1@36	21.45	21.39	24.43	30.43	1.1042
77	30	15	630500	3457.5	CP-OFDM 16 QAM	19@9	20.97	21.06	24.03	30.03	1.0059
77	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	20.95	21	23.99	29.99	0.9966
77	30	15	630500	3457.5	CP-OFDM 16 QAM	1@36	20.94	20.94	23.95	29.95	0.9886
77	30	15	630500	3457.5	CP-OFDM 64 QAM	19@9	19.46	19.5	22.49	28.49	0.7064
77	30	15	630500	3457.5	CP-OFDM 64 QAM	1@1	19.55	19.64	22.61	28.61	0.7254
77	30	15	630500	3457.5	CP-OFDM 64 QAM	1@36	19.51	19.59	22.56	28.56	0.7179
77	30	15	630500	3457.5	CP-OFDM 256 QAM	19@9	16.43	16.45	19.45	25.45	0.3508
77	30	15	630500	3457.5	CP-OFDM 256 QAM	1@1	16.33	16.37	19.36	25.36	0.3436
77	30	15	630500	3457.5	CP-OFDM 256 QAM	1@36	16.46	16.3	19.39	25.39	0.3460
77	30	15	633334	3500.01	CP-OFDM QPSK	19@9	21.38	21.78	24.59	30.59	1.1468
77	30	15	633334	3500.01	CP-OFDM QPSK	1@1	21.48	21.61	24.56	30.56	1.1365
77	30	15	633334	3500.01	CP-OFDM QPSK	1@36	21.36	21.73	24.56	30.56	1.1374
77	30	15	633334	3500.01	CP-OFDM 16 QAM	19@9	20.87	21.28	24.09	30.09	1.0210
77	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	20.92	21.2	24.07	30.07	1.0168
77	30	15	633334	3500.01	CP-OFDM 16 QAM	1@36	20.81	21.26	24.05	30.05	1.0118
77	30	15	633334	3500.01	CP-OFDM 64 QAM	19@9	19.36	19.77	22.58	28.58	0.7211
77	30	15	633334	3500.01	CP-OFDM 64 QAM	1@1	19.55	19.81	22.69	28.69	0.7400
77	30	15	633334	3500.01	CP-OFDM 64 QAM	1@36	19.41	19.9	22.67	28.67	0.7366
77	30	15	633334	3500.01	CP-OFDM 256 QAM	19@9	16.32	16.67	19.51	25.51	0.3555
77	30	15	633334	3500.01	CP-OFDM 256 QAM	1@1	16.32	16.52	19.43	25.43	0.3493
77	30	15	633334	3500.01	CP-OFDM 256 QAM	1@36	16.2	16.64	19.44	25.44	0.3496

77	30	15	636166	3542.49	CP-OFDM QPSK	19@9	21.58	21.83	24.72	30.72	1.1795
77	30	15	636166	3542.49	CP-OFDM QPSK	1@1	21.55	21.71	24.64	30.64	1.1591
77	30	15	636166	3542.49	CP-OFDM QPSK	1@36	21.47	21.77	24.63	30.63	1.1569
77	30	15	636166	3542.49	CP-OFDM 16 QAM	19@9	21.05	21.32	24.20	30.20	1.0465
77	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	21.07	21.29	24.19	30.19	1.0451
77	30	15	636166	3542.49	CP-OFDM 16 QAM	1@36	21.05	21.34	24.21	30.21	1.0490
77	30	15	636166	3542.49	CP-OFDM 64 QAM	19@9	19.58	19.82	22.71	28.71	0.7434
77	30	15	636166	3542.49	CP-OFDM 64 QAM	1@1	19.7	19.91	22.82	28.82	0.7615
77	30	15	636166	3542.49	CP-OFDM 64 QAM	1@36	19.66	20	22.84	28.84	0.7662
77	30	15	636166	3542.49	CP-OFDM 256 QAM	19@9	16.56	16.74	19.66	25.66	0.3682
77	30	15	636166	3542.49	CP-OFDM 256 QAM	1@1	16.47	16.68	19.59	25.59	0.3620
77	30	15	636166	3542.49	CP-OFDM 256 QAM	1@36	16.4	16.68	19.55	25.55	0.3591
77	30	20	630668	3460.02	CP-OFDM QPSK	25@12	21.48	21.57	24.54	30.54	1.1312
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	21.45	21.54	24.51	30.51	1.1234
77	30	20	630668	3460.02	CP-OFDM QPSK	1@49	21.48	21.31	24.41	30.41	1.0980
77	30	20	630668	3460.02	CP-OFDM 16 QAM	25@12	20.95	21.12	24.05	30.05	1.0107
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	20.94	21.01	23.99	29.99	0.9967
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@49	20.94	20.84	23.90	29.90	0.9774
77	30	20	630668	3460.02	CP-OFDM 64 QAM	25@12	19.45	19.55	22.51	28.51	0.7097
77	30	20	630668	3460.02	CP-OFDM 64 QAM	1@1	19.54	19.72	22.64	28.64	0.7313
77	30	20	630668	3460.02	CP-OFDM 64 QAM	1@49	19.54	19.55	22.56	28.56	0.7170
77	30	20	630668	3460.02	CP-OFDM 256 QAM	25@12	16.4	16.52	19.47	25.47	0.3524
77	30	20	630668	3460.02	CP-OFDM 256 QAM	1@1	16.3	16.43	19.38	25.38	0.3448
77	30	20	630668	3460.02	CP-OFDM 256 QAM	1@49	16.35	16.2	19.29	25.29	0.3377
77	30	20	633334	3500.01	CP-OFDM QPSK	25@12	21.36	21.78	24.59	30.59	1.1443
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	21.44	21.64	24.55	30.55	1.1354
77	30	20	633334	3500.01	CP-OFDM QPSK	1@49	21.3	21.72	24.53	30.53	1.1286
77	30	20	633334	3500.01	CP-OFDM 16 QAM	25@12	20.89	21.3	24.11	30.11	1.0257
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.96	21.15	24.07	30.07	1.0154
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@49	20.84	21.27	24.07	30.07	1.0164
77	30	20	633334	3500.01	CP-OFDM 64 QAM	25@12	19.36	19.79	22.59	28.59	0.7229
77	30	20	633334	3500.01	CP-OFDM 64 QAM	1@1	19.53	19.83	22.69	28.69	0.7401
77	30	20	633334	3500.01	CP-OFDM 64 QAM	1@49	19.44	19.92	22.70	28.70	0.7408

77	30	20	633334	3500.01	CP-OFDM 256 QAM	25@12	16.32	16.73	19.54	25.54	0.3581
77	30	20	633334	3500.01	CP-OFDM 256 QAM	1@1	16.34	16.55	19.46	25.46	0.3513
77	30	20	633334	3500.01	CP-OFDM 256 QAM	1@49	16.18	16.57	19.39	25.39	0.3459
77	30	20	636000	3540	CP-OFDM QPSK	25@12	21.58	21.88	24.74	30.74	1.1866
77	30	20	636000	3540	CP-OFDM QPSK	1@1	21.47	21.74	24.62	30.62	1.1528
77	30	20	636000	3540	CP-OFDM QPSK	1@49	21.49	21.71	24.61	30.61	1.1512
77	30	20	636000	3540	CP-OFDM 16 QAM	25@12	21.15	21.32	24.25	30.25	1.0583
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	20.84	20.92	23.89	29.89	0.9751
77	30	20	636000	3540	CP-OFDM 16 QAM	1@49	20.89	20.94	23.93	29.93	0.9830
77	30	20	636000	3540	CP-OFDM 64 QAM	25@12	19.55	19.88	22.73	28.73	0.7462
77	30	20	636000	3540	CP-OFDM 64 QAM	1@1	19.57	19.96	22.78	28.78	0.7550
77	30	20	636000	3540	CP-OFDM 64 QAM	1@49	19.61	19.88	22.76	28.76	0.7512
77	30	20	636000	3540	CP-OFDM 256 QAM	25@12	16.48	16.8	19.65	25.65	0.3676
77	30	20	636000	3540	CP-OFDM 256 QAM	1@1	16.36	16.68	19.53	25.53	0.3575
77	30	20	636000	3540	CP-OFDM 256 QAM	1@49	16.4	16.62	19.52	25.52	0.3566
77	30	40	631334	3470.01	CP-OFDM QPSK	53@26	21.38	21.54	24.47	30.47	1.1146
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	21.07	21.22	24.16	30.16	1.0366
77	30	40	631334	3470.01	CP-OFDM QPSK	1@104	21.02	21.11	24.08	30.08	1.0175
77	30	40	631334	3470.01	CP-OFDM 16 QAM	53@26	20.88	21.05	23.98	29.98	0.9945
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	20.56	20.72	23.65	29.65	0.9228
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@104	20.51	20.64	23.59	29.59	0.9090
77	30	40	631334	3470.01	CP-OFDM 64 QAM	53@26	19.32	19.56	22.45	28.45	0.7002
77	30	40	631334	3470.01	CP-OFDM 64 QAM	1@1	19.18	19.43	22.32	28.32	0.6788
77	30	40	631334	3470.01	CP-OFDM 64 QAM	1@104	19.12	19.28	22.21	28.21	0.6624
77	30	40	631334	3470.01	CP-OFDM 256 QAM	53@26	16.33	16.48	19.42	25.42	0.3480
77	30	40	631334	3470.01	CP-OFDM 256 QAM	1@1	15.99	16.19	19.10	25.10	0.3237
77	30	40	631334	3470.01	CP-OFDM 256 QAM	1@104	15.95	16.04	19.01	25.01	0.3166
77	30	40	633334	3500.01	CP-OFDM QPSK	53@26	21.27	21.73	24.52	30.52	1.1263
77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	21.12	21.21	24.18	30.18	1.0412
77	30	40	633334	3500.01	CP-OFDM QPSK	1@104	20.92	21.3	24.12	30.12	1.0291
77	30	40	633334	3500.01	CP-OFDM 16 QAM	53@26	20.77	21.24	24.02	30.02	1.0050
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	20.63	20.8	23.73	29.73	0.9389
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@104	20.4	20.93	23.68	29.68	0.9297

77	30	40	633334	3500.01	CP-OFDM 64 QAM	53@26	19.26	19.73	22.51	28.51	0.7098
77	30	40	633334	3500.01	CP-OFDM 64 QAM	1@1	19.24	19.45	22.36	28.36	0.6849
77	30	40	633334	3500.01	CP-OFDM 64 QAM	1@104	19	19.52	22.28	28.28	0.6727
77	30	40	633334	3500.01	CP-OFDM 256 QAM	53@26	16.23	16.67	19.47	25.47	0.3520
77	30	40	633334	3500.01	CP-OFDM 256 QAM	1@1	16.09	16.22	19.17	25.17	0.3285
77	30	40	633334	3500.01	CP-OFDM 256 QAM	1@104	15.83	16.27	19.07	25.07	0.3211
77	30	40	635332	3529.98	CP-OFDM QPSK	53@26	21.38	21.78	24.59	30.59	1.1468
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	21.03	21.41	24.23	30.23	1.0555
77	30	40	635332	3529.98	CP-OFDM QPSK	1@104	21.11	21.22	24.18	30.18	1.0413
77	30	40	635332	3529.98	CP-OFDM 16 QAM	53@26	20.86	21.34	24.12	30.12	1.0273
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	20.41	20.65	23.54	29.54	0.8999
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@104	20.66	20.86	23.77	29.77	0.9487
77	30	40	635332	3529.98	CP-OFDM 64 QAM	53@26	19.34	19.75	22.56	28.56	0.7178
77	30	40	635332	3529.98	CP-OFDM 64 QAM	1@1	19.16	19.67	22.43	28.43	0.6971
77	30	40	635332	3529.98	CP-OFDM 64 QAM	1@104	19.23	19.55	22.40	28.40	0.6923
77	30	40	635332	3529.98	CP-OFDM 256 QAM	53@26	16.31	16.74	19.54	25.54	0.3581
77	30	40	635332	3529.98	CP-OFDM 256 QAM	1@1	16	16.41	19.22	25.22	0.3327
77	30	40	635332	3529.98	CP-OFDM 256 QAM	1@104	16.12	16.24	19.19	25.19	0.3304
77	30	50	631668	3475.02	CP-OFDM QPSK	67@33	21.43	21.62	24.54	30.54	1.1314
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	21.36	21.56	24.47	30.47	1.1147
77	30	50	631668	3475.02	CP-OFDM QPSK	1@131	21.25	21.48	24.38	30.38	1.0906
77	30	50	631668	3475.02	CP-OFDM 16 QAM	67@33	20.94	21.12	24.04	30.04	1.0095
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.89	21.09	24.00	30.00	1.0003
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@131	20.71	21.02	23.88	29.88	0.9723
77	30	50	631668	3475.02	CP-OFDM 64 QAM	67@33	19.41	19.61	22.52	28.52	0.7115
77	30	50	631668	3475.02	CP-OFDM 64 QAM	1@1	19.45	19.74	22.61	28.61	0.7257
77	30	50	631668	3475.02	CP-OFDM 64 QAM	1@131	19.29	19.73	22.53	28.53	0.7122
77	30	50	631668	3475.02	CP-OFDM 256 QAM	67@33	16.38	16.59	19.50	25.50	0.3545
77	30	50	631668	3475.02	CP-OFDM 256 QAM	1@1	16.19	16.46	19.34	25.34	0.3418
77	30	50	631668	3475.02	CP-OFDM 256 QAM	1@131	16.24	16.35	19.31	25.31	0.3393
77	30	50	633334	3500.01	CP-OFDM QPSK	67@33	21.39	21.89	24.66	30.66	1.1635
77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	21.46	21.63	24.56	30.56	1.1366
77	30	50	633334	3500.01	CP-OFDM QPSK	1@131	21.22	21.64	24.45	30.45	1.1080

77	30	50	633334	3500.01	CP-OFDM 16 QAM	67@33	20.87	21.4	24.15	30.15	1.0359
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	20.87	21.14	24.02	30.02	1.0040
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@131	20.68	21.18	23.95	29.95	0.9880
77	30	50	633334	3500.01	CP-OFDM 64 QAM	67@33	19.35	19.91	22.65	28.65	0.7327
77	30	50	633334	3500.01	CP-OFDM 64 QAM	1@1	19.52	19.86	22.70	28.70	0.7419
77	30	50	633334	3500.01	CP-OFDM 64 QAM	1@131	19.28	19.83	22.57	28.57	0.7201
77	30	50	633334	3500.01	CP-OFDM 256 QAM	67@33	16.33	16.79	19.58	25.58	0.3611
77	30	50	633334	3500.01	CP-OFDM 256 QAM	1@1	16.32	16.53	19.44	25.44	0.3497
77	30	50	633334	3500.01	CP-OFDM 256 QAM	1@131	16.11	16.59	19.37	25.37	0.3441
77	30	50	635000	3525	CP-OFDM QPSK	67@33	21.49	21.84	24.68	30.68	1.1692
77	30	50	635000	3525	CP-OFDM QPSK	1@1	21.34	21.65	24.51	30.51	1.1241
77	30	50	635000	3525	CP-OFDM QPSK	1@131	21.4	21.59	24.51	30.51	1.1237
77	30	50	635000	3525	CP-OFDM 16 QAM	67@33	20.96	21.4	24.20	30.20	1.0461
77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	20.86	21.25	24.07	30.07	1.0162
77	30	50	635000	3525	CP-OFDM 16 QAM	1@131	20.93	21.19	24.07	30.07	1.0168
77	30	50	635000	3525	CP-OFDM 64 QAM	67@33	19.43	19.89	22.68	28.68	0.7373
77	30	50	635000	3525	CP-OFDM 64 QAM	1@1	19.49	19.96	22.74	28.74	0.7485
77	30	50	635000	3525	CP-OFDM 64 QAM	1@131	19.54	19.83	22.70	28.70	0.7409
77	30	50	635000	3525	CP-OFDM 256 QAM	67@33	16.42	16.81	19.63	25.63	0.3656
77	30	50	635000	3525	CP-OFDM 256 QAM	1@1	16.24	16.7	19.49	25.49	0.3537
77	30	50	635000	3525	CP-OFDM 256 QAM	1@131	16.33	16.6	19.48	25.48	0.3530
77	30	60	632000	3480	CP-OFDM QPSK	81@40	21.48	21.68	24.59	30.59	1.1459
77	30	60	632000	3480	CP-OFDM QPSK	1@1	21.21	21.39	24.31	30.31	1.0743
77	30	60	632000	3480	CP-OFDM QPSK	1@160	21.05	21.37	24.22	30.22	1.0527
77	30	60	632000	3480	CP-OFDM 16 QAM	81@40	20.97	21.22	24.11	30.11	1.0250
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	20.63	20.95	23.80	29.80	0.9557
77	30	60	632000	3480	CP-OFDM 16 QAM	1@160	20.45	20.92	23.70	29.70	0.9336
77	30	60	632000	3480	CP-OFDM 64 QAM	81@40	19.44	19.64	22.55	28.55	0.7164
77	30	60	632000	3480	CP-OFDM 64 QAM	1@1	19.25	19.64	22.46	28.46	0.7014
77	30	60	632000	3480	CP-OFDM 64 QAM	1@160	19.11	19.62	22.38	28.38	0.6891
77	30	60	632000	3480	CP-OFDM 256 QAM	81@40	16.37	16.58	19.49	25.49	0.3537
77	30	60	632000	3480	CP-OFDM 256 QAM	1@1	16.2	16.33	19.28	25.28	0.3370
77	30	60	632000	3480	CP-OFDM 256 QAM	1@160	16.05	16.33	19.20	25.20	0.3313

77	30	60	633334	3500.01	CP-OFDM QPSK	81@40	21.42	21.87	24.66	30.66	1.1644
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	21.28	21.43	24.37	30.37	1.0879
77	30	60	633334	3500.01	CP-OFDM QPSK	1@160	21.13	21.51	24.33	30.33	1.0801
77	30	60	633334	3500.01	CP-OFDM 16 QAM	81@40	20.9	21.42	24.18	30.18	1.0419
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	20.71	20.95	23.84	29.84	0.9643
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@160	20.59	21.01	23.82	29.82	0.9584
77	30	60	633334	3500.01	CP-OFDM 64 QAM	81@40	19.37	19.88	22.64	28.64	0.7316
77	30	60	633334	3500.01	CP-OFDM 64 QAM	1@1	19.32	19.63	22.49	28.49	0.7060
77	30	60	633334	3500.01	CP-OFDM 64 QAM	1@160	19.22	19.67	22.46	28.46	0.7016
77	30	60	633334	3500.01	CP-OFDM 256 QAM	81@40	16.31	16.76	19.55	25.55	0.3590
77	30	60	633334	3500.01	CP-OFDM 256 QAM	1@1	16.13	16.35	19.25	25.25	0.3351
77	30	60	633334	3500.01	CP-OFDM 256 QAM	1@160	16	16.42	19.23	25.23	0.3331
77	30	60	634666	3519.99	CP-OFDM QPSK	81@40	21.51	21.91	24.72	30.72	1.1817
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	21.3	21.47	24.40	30.40	1.0955
77	30	60	634666	3519.99	CP-OFDM QPSK	1@160	21.35	21.47	24.42	30.42	1.1017
77	30	60	634666	3519.99	CP-OFDM 16 QAM	81@40	21	21.43	24.23	30.23	1.0545
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	20.76	21.05	23.92	29.92	0.9812
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@160	20.82	20.97	23.91	29.91	0.9786
77	30	60	634666	3519.99	CP-OFDM 64 QAM	81@40	19.45	19.93	22.71	28.71	0.7425
77	30	60	634666	3519.99	CP-OFDM 64 QAM	1@1	19.4	19.7	22.56	28.56	0.7183
77	30	60	634666	3519.99	CP-OFDM 64 QAM	1@160	19.44	19.69	22.58	28.58	0.7206
77	30	60	634666	3519.99	CP-OFDM 256 QAM	81@40	16.38	16.85	19.63	25.63	0.3657
77	30	60	634666	3519.99	CP-OFDM 256 QAM	1@1	16.13	16.43	19.29	25.29	0.3383
77	30	60	634666	3519.99	CP-OFDM 256 QAM	1@160	16.17	16.46	19.33	25.33	0.3410
77	30	80	632668	3490.02	CP-OFDM QPSK	109@54	21.36	21.81	24.60	30.60	1.1485
77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	21.13	21.32	24.24	30.24	1.0559
77	30	80	632668	3490.02	CP-OFDM QPSK	1@215	20.97	21.21	24.10	30.10	1.0238
77	30	80	632668	3490.02	CP-OFDM 16 QAM	109@54	20.9	21.31	24.12	30.12	1.0280
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.4	20.52	23.47	29.47	0.8853
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@215	20.22	20.37	23.31	29.31	0.8523
77	30	80	632668	3490.02	CP-OFDM 64 QAM	109@54	19.36	19.78	22.59	28.59	0.7220
77	30	80	632668	3490.02	CP-OFDM 64 QAM	1@1	19.15	19.58	22.38	28.38	0.6888
77	30	80	632668	3490.02	CP-OFDM 64 QAM	1@215	18.99	19.41	22.22	28.22	0.6630

77	30	80	632668	3490.02	CP-OFDM 256 QAM	109@54	16.31	16.78	19.56	25.56	0.3599
77	30	80	632668	3490.02	CP-OFDM 256 QAM	1@1	15.86	16.25	19.07	25.07	0.3213
77	30	80	632668	3490.02	CP-OFDM 256 QAM	1@215	15.7	16.08	18.90	24.90	0.3093
77	30	80	633334	3500.01	CP-OFDM QPSK	109@54	21.39	21.87	24.65	30.65	1.1606
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	21.17	21.37	24.28	30.28	1.0670
77	30	80	633334	3500.01	CP-OFDM QPSK	1@215	21.06	21.23	24.16	30.16	1.0366
77	30	80	633334	3500.01	CP-OFDM 16 QAM	109@54	20.91	21.38	24.16	30.16	1.0379
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	20.56	20.88	23.73	29.73	0.9404
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@215	20.46	20.79	23.64	29.64	0.9201
77	30	80	633334	3500.01	CP-OFDM 64 QAM	109@54	19.38	19.84	22.63	28.63	0.7289
77	30	80	633334	3500.01	CP-OFDM 64 QAM	1@1	19.21	19.58	22.41	28.41	0.6933
77	30	80	633334	3500.01	CP-OFDM 64 QAM	1@215	19.17	19.44	22.32	28.32	0.6788
77	30	80	633334	3500.01	CP-OFDM 256 QAM	109@54	16.34	16.85	19.61	25.61	0.3641
77	30	80	633334	3500.01	CP-OFDM 256 QAM	1@1	16.18	16.27	19.24	25.24	0.3339
77	30	80	633334	3500.01	CP-OFDM 256 QAM	1@215	16.05	16.16	19.12	25.12	0.3248
77	30	80	634000	3510	CP-OFDM QPSK	109@54	21.33	21.95	24.66	30.66	1.1645
77	30	80	634000	3510	CP-OFDM QPSK	1@1	21.2	21.32	24.27	30.27	1.0643
77	30	80	634000	3510	CP-OFDM QPSK	1@215	21.11	21.23	24.18	30.18	1.0425
77	30	80	634000	3510	CP-OFDM 16 QAM	109@54	20.87	21.39	24.15	30.15	1.0347
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20.53	20.95	23.76	29.76	0.9452
77	30	80	634000	3510	CP-OFDM 16 QAM	1@215	20.42	20.81	23.63	29.63	0.9183
77	30	80	634000	3510	CP-OFDM 64 QAM	109@54	19.3	19.88	22.61	28.61	0.7261
77	30	80	634000	3510	CP-OFDM 64 QAM	1@1	19.25	19.53	22.40	28.40	0.6922
77	30	80	634000	3510	CP-OFDM 64 QAM	1@215	19.15	19.43	22.30	28.30	0.6765
77	30	80	634000	3510	CP-OFDM 256 QAM	109@54	16.24	16.9	19.59	25.59	0.3625
77	30	80	634000	3510	CP-OFDM 256 QAM	1@1	15.92	16.2	19.07	25.07	0.3216
77	30	80	634000	3510	CP-OFDM 256 QAM	1@215	15.82	16.13	18.99	24.99	0.3154
77	30	90	633000	3495	CP-OFDM QPSK	123@61	21.37	21.75	24.57	30.57	1.1414
77	30	90	633000	3495	CP-OFDM QPSK	1@1	21.04	21.31	24.19	30.19	1.0441
77	30	90	633000	3495	CP-OFDM QPSK	1@243	20.94	21.11	24.04	30.04	1.0084
77	30	90	633000	3495	CP-OFDM 16 QAM	123@61	20.88	21.27	24.09	30.09	1.0209
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.53	20.82	23.69	29.69	0.9306
77	30	90	633000	3495	CP-OFDM 16 QAM	1@243	20.42	20.65	23.55	29.55	0.9009

77	30	90	633000	3495	CP-OFDM 64 QAM	123@61	19.37	19.78	22.59	28.59	0.7228
77	30	90	633000	3495	CP-OFDM 64 QAM	1@1	19.12	19.47	22.31	28.31	0.6775
77	30	90	633000	3495	CP-OFDM 64 QAM	1@243	19.01	19.31	22.17	28.17	0.6566
77	30	90	633000	3495	CP-OFDM 256 QAM	123@61	16.29	16.69	19.50	25.50	0.3552
77	30	90	633000	3495	CP-OFDM 256 QAM	1@1	15.86	16.27	19.08	25.08	0.3221
77	30	90	633000	3495	CP-OFDM 256 QAM	1@243	15.75	16.09	18.93	24.93	0.3114
77	30	90	633334	3500.01	CP-OFDM QPSK	123@61	21.37	21.86	24.63	30.63	1.1567
77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	21.02	21.28	24.16	30.16	1.0381
77	30	90	633334	3500.01	CP-OFDM QPSK	1@243	20.86	21.16	24.02	30.02	1.0053
77	30	90	633334	3500.01	CP-OFDM 16 QAM	123@61	20.84	21.33	24.10	30.10	1.0238
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	20.3	20.5	23.41	29.41	0.8733
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@243	20.42	20.73	23.59	29.59	0.9095
77	30	90	633334	3500.01	CP-OFDM 64 QAM	123@61	19.31	19.84	22.59	28.59	0.7233
77	30	90	633334	3500.01	CP-OFDM 64 QAM	1@1	19.06	19.49	22.29	28.29	0.6746
77	30	90	633334	3500.01	CP-OFDM 64 QAM	1@243	19.04	19.41	22.24	28.24	0.6667
77	30	90	633334	3500.01	CP-OFDM 256 QAM	123@61	16.25	16.77	19.53	25.53	0.3571
77	30	90	633334	3500.01	CP-OFDM 256 QAM	1@1	15.84	16.21	19.04	25.04	0.3191
77	30	90	633334	3500.01	CP-OFDM 256 QAM	1@243	15.78	16.12	18.96	24.96	0.3136
77	30	90	633666	3504.99	CP-OFDM QPSK	123@61	21.33	21.94	24.66	30.66	1.1631
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	21.04	21.31	24.19	30.19	1.0441
77	30	90	633666	3504.99	CP-OFDM QPSK	1@243	20.99	21.2	24.11	30.11	1.0248
77	30	90	633666	3504.99	CP-OFDM 16 QAM	123@61	20.83	21.45	24.16	30.16	1.0379
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	20.53	20.93	23.74	29.74	0.9430
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@243	20.39	20.77	23.59	29.59	0.9108
77	30	90	633666	3504.99	CP-OFDM 64 QAM	123@61	19.32	19.88	22.62	28.62	0.7277
77	30	90	633666	3504.99	CP-OFDM 64 QAM	1@1	19.11	19.52	22.33	28.33	0.6808
77	30	90	633666	3504.99	CP-OFDM 64 QAM	1@243	18.82	19.44	22.15	28.15	0.6533
77	30	90	633666	3504.99	CP-OFDM 256 QAM	123@61	16.19	16.84	19.54	25.54	0.3579
77	30	90	633666	3504.99	CP-OFDM 256 QAM	1@1	16.11	16.26	19.20	25.20	0.3308
77	30	90	633666	3504.99	CP-OFDM 256 QAM	1@243	15.79	16.14	18.98	24.98	0.3147
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	21.35	21.85	24.62	30.62	1.1528
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	20.92	21.24	24.09	30.09	1.0217
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	20.83	21.06	23.96	29.96	0.9901

77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	20.86	21.32	24.11	30.11	1.0248
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	20.33	20.73	23.54	29.54	0.9005
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	20.25	20.72	23.50	29.50	0.8916
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	19.28	19.83	22.57	28.57	0.7201
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	18.99	19.54	22.28	28.28	0.6736
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	18.89	19.3	22.11	28.11	0.6472
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	16.24	16.72	19.50	25.50	0.3546
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	15.56	16.09	18.84	24.84	0.3050
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	15.61	15.88	18.76	24.76	0.2990

MIMO Gain= Maximum (Ant.5, Ant.6)=6.0dBi

Software Version: 21.02.121001

FR1 N77(MIMO ANT5) – SCS 30kHz

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0203	**PASS**	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0587	**PASS**	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0513	**PASS**	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0427	**PASS**	-30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0373	**PASS**	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0652	**PASS**	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0478	**PASS**	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0521	**PASS**	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0377	**PASS**	20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0693	**PASS**	30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0536	**PASS**	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0433	**PASS**	50℃

Peak to Average Radio

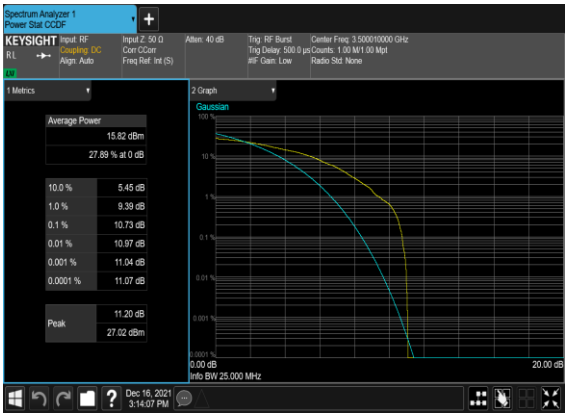
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	630668	3460.02	CP-OFDM QPSK	51@0	10.72	13	**PASS**
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	10.69	13	**PASS**
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	10.64	13	**PASS**
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	10.73	13	**PASS**
77	30	20	636000	3540.0	CP-OFDM QPSK	51@0	10.8	13	**PASS**
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	9.93	13	**PASS**

N77(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

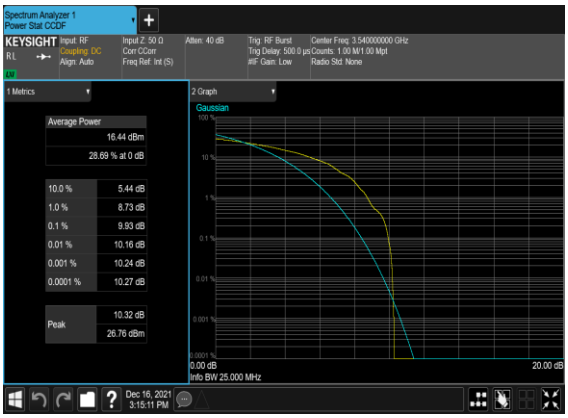
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-OFDM_QPSK_Outer_Full_High_CH

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH

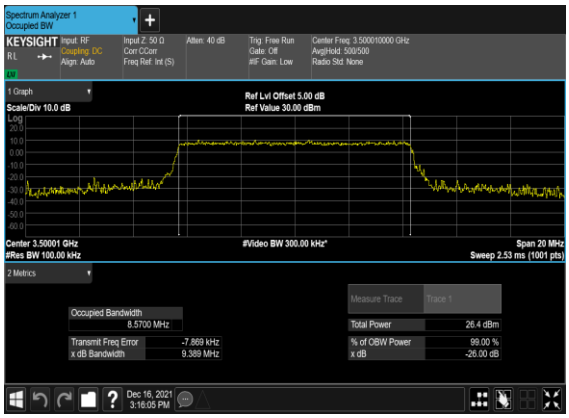


Occupied Bandwidth

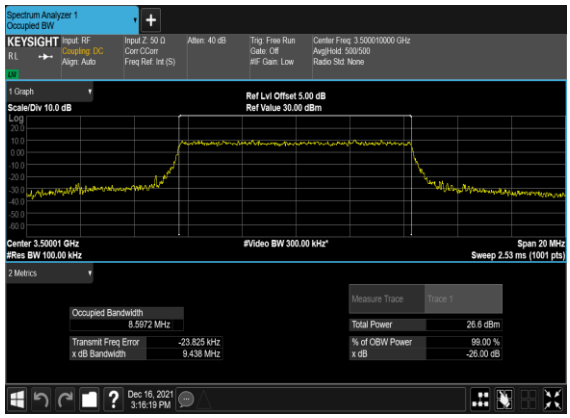
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.57	9.389
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5972	9.438
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5647	9.365
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5569	9.295
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.566	14.65
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.559	14.77
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.566	14.73
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.562	14.48
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.186	19.3
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.185	19.29
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.185	19.27
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.185	19.23
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.776	39.23
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.821	39.52
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.745	39.51
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.893	39.47
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.461	49.32
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.437	49.37
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.428	49.12
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.517	49.55
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.777	59.72
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.723	60.15
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.769	59.95
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.795	60.1
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.493	80.22

77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.43	79.95
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.448	80.05
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.584	80.11
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.432	90.39
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.491	90.39
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.277	90.55
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.336	90.28
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.129	100.6
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.302	100.6
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.243	100.6
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.25	100.6

N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



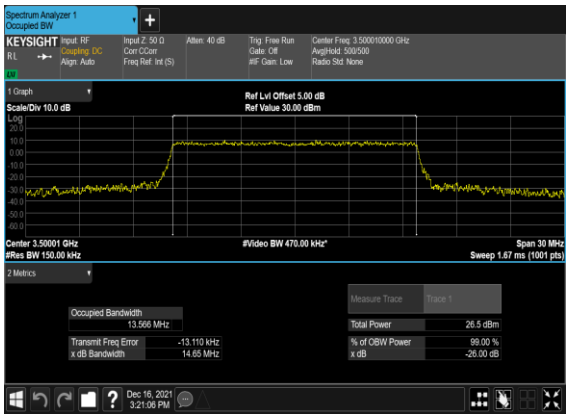
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

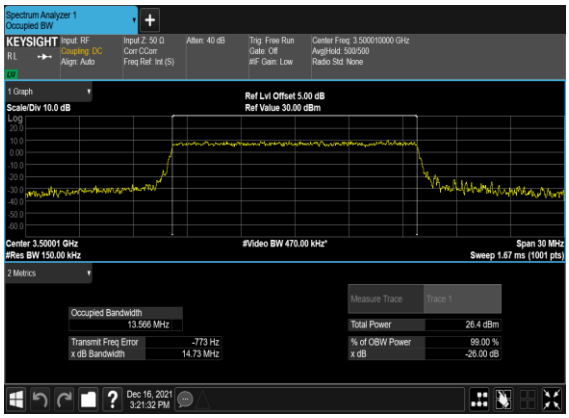
N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



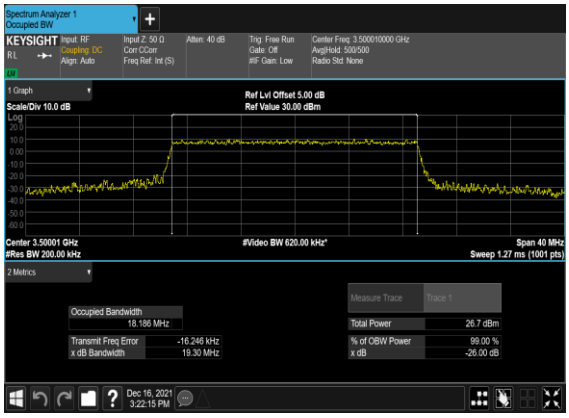
N77(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

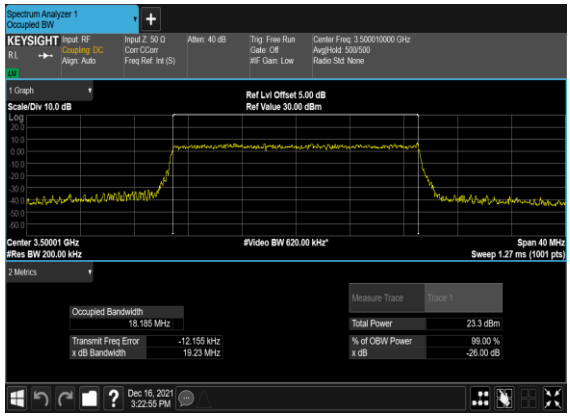
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



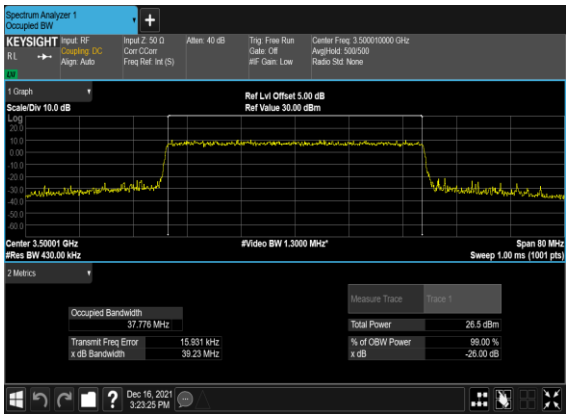
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

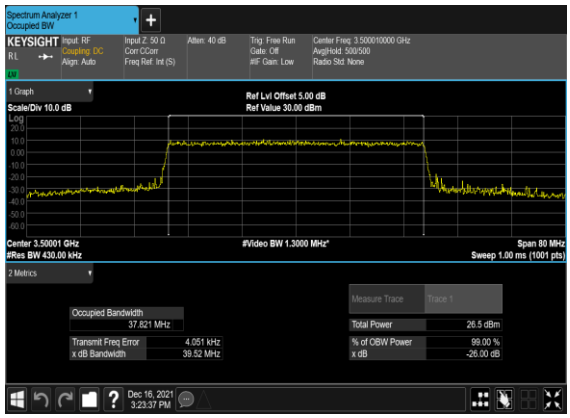
N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



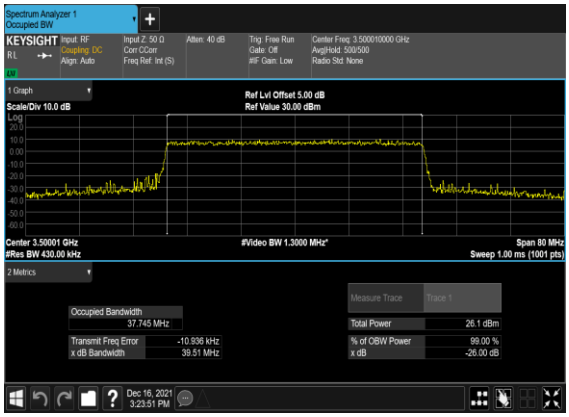
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



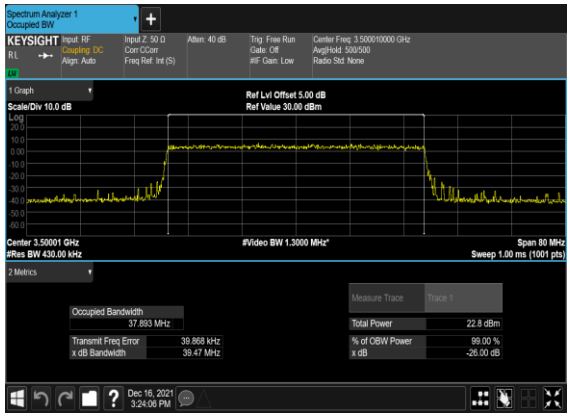
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



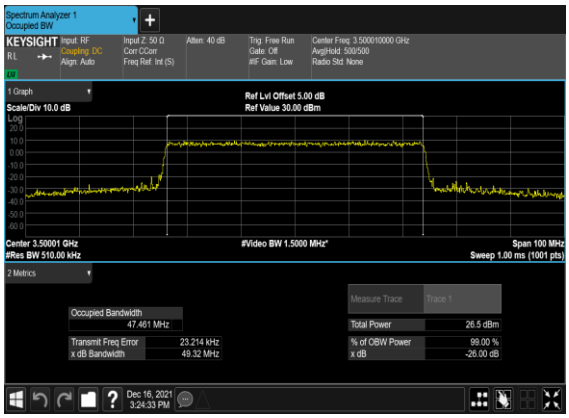
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



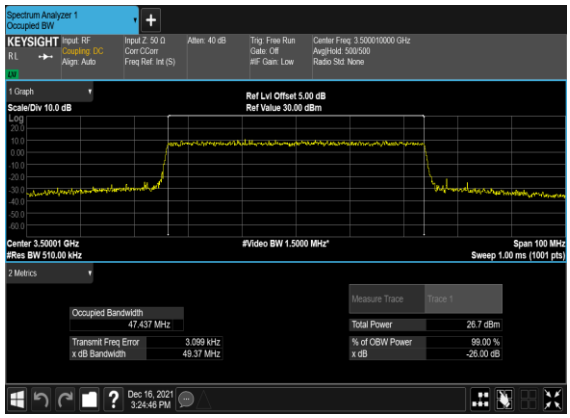
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



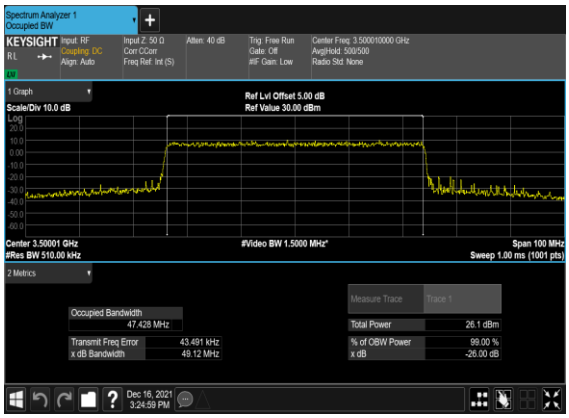
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



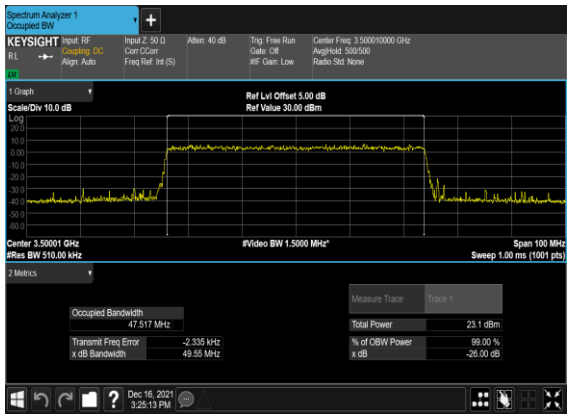
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



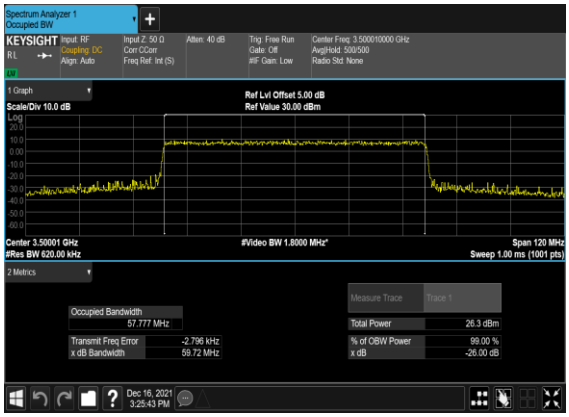
N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



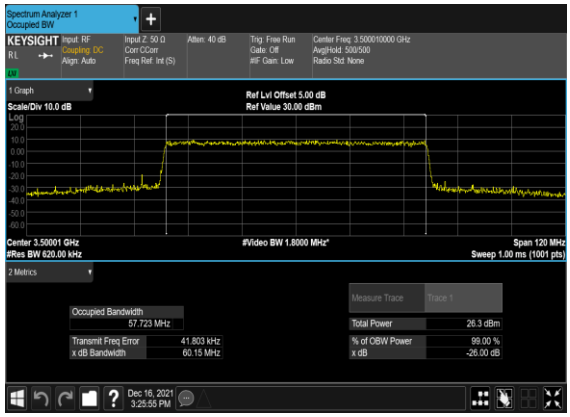
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



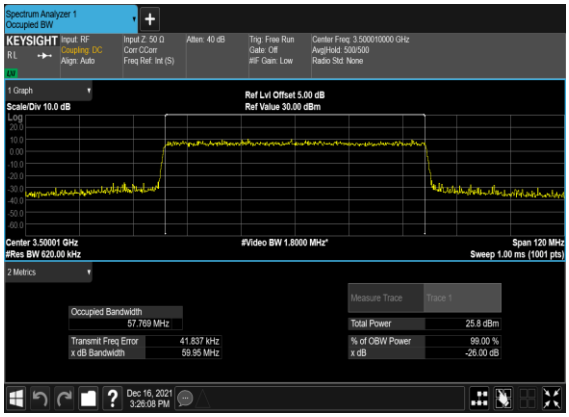
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



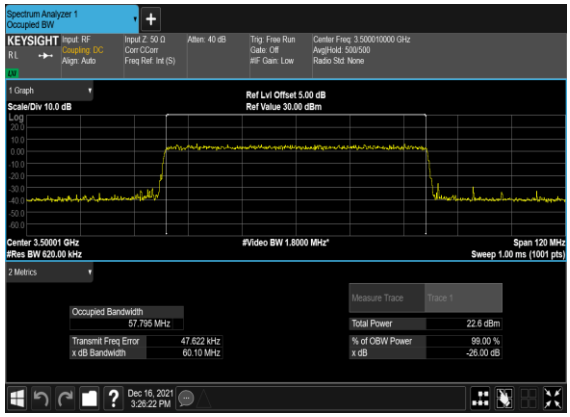
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



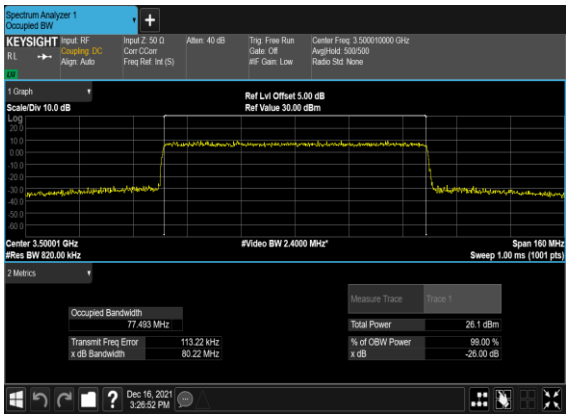
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



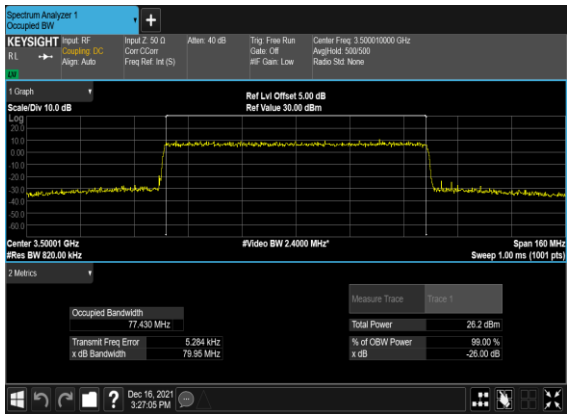
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



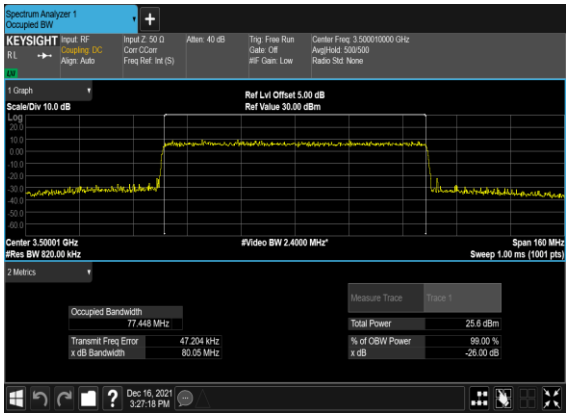
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



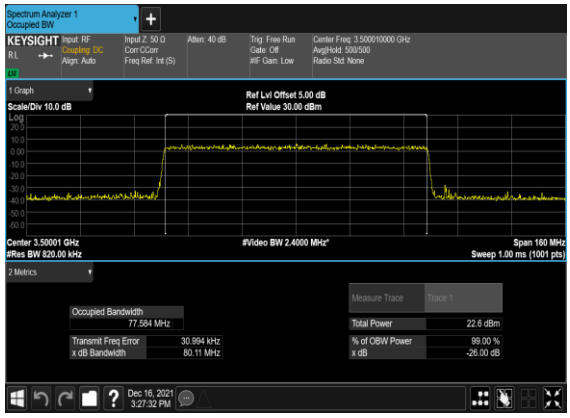
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



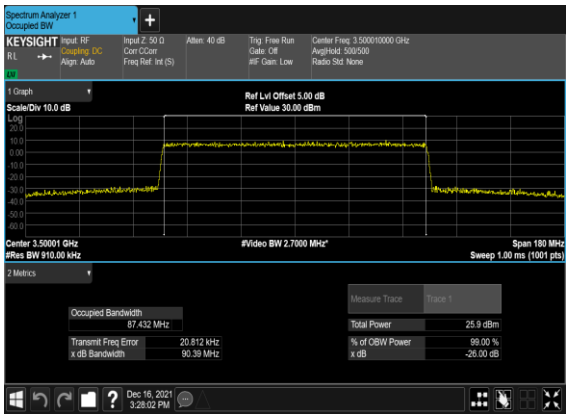
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



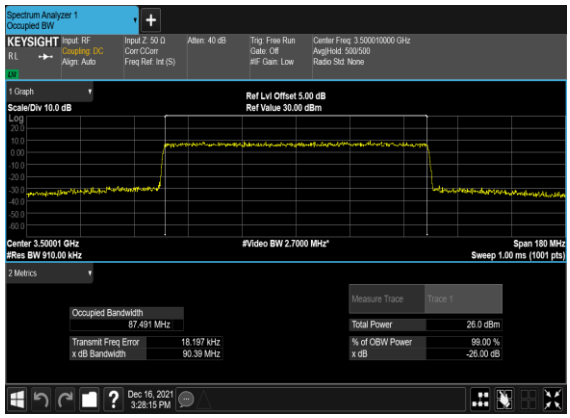
N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

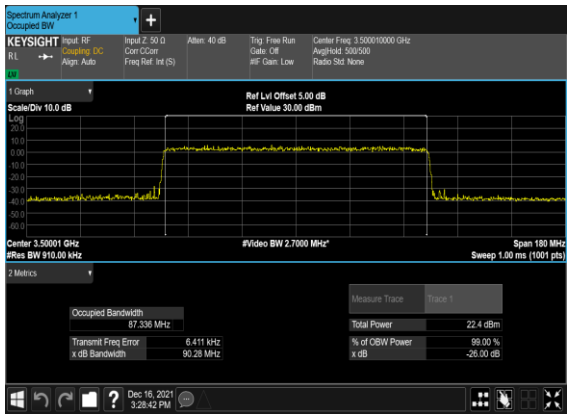


N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

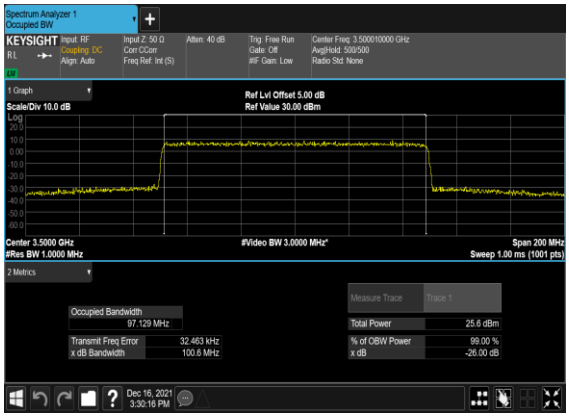


N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

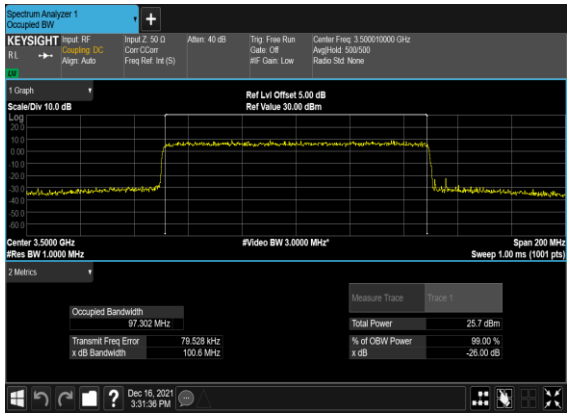
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



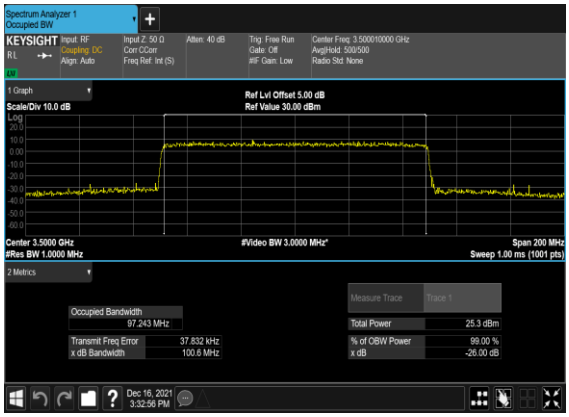
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



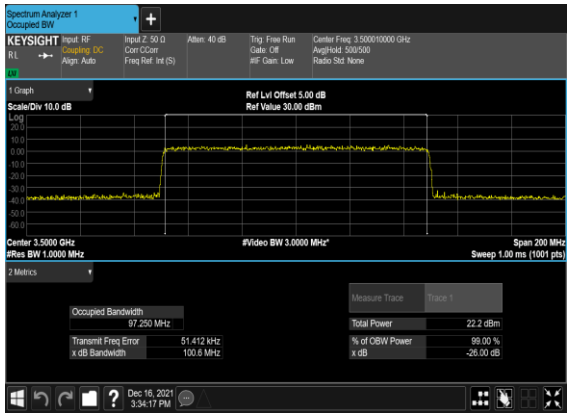
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



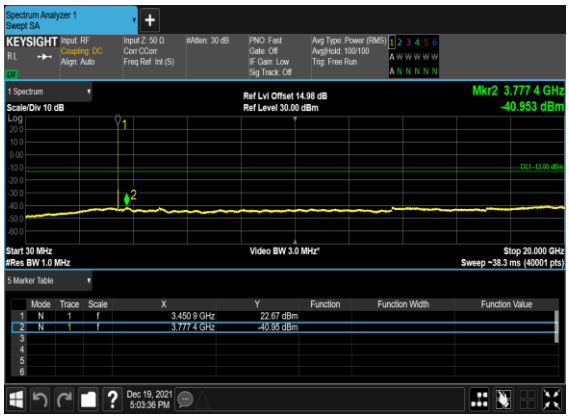
N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



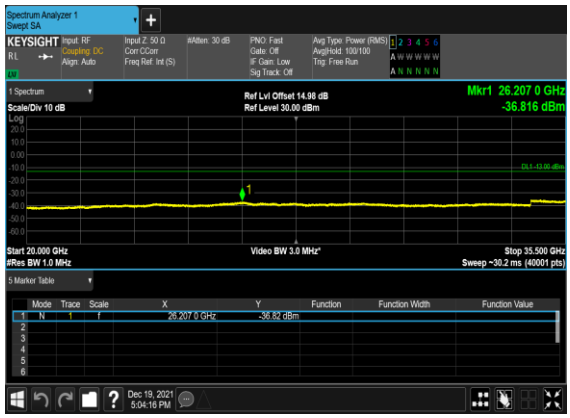
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**

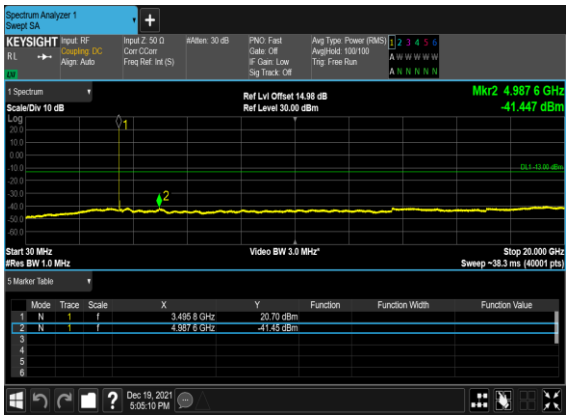
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



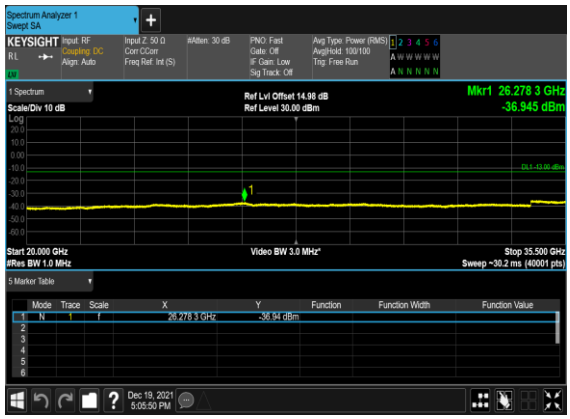
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



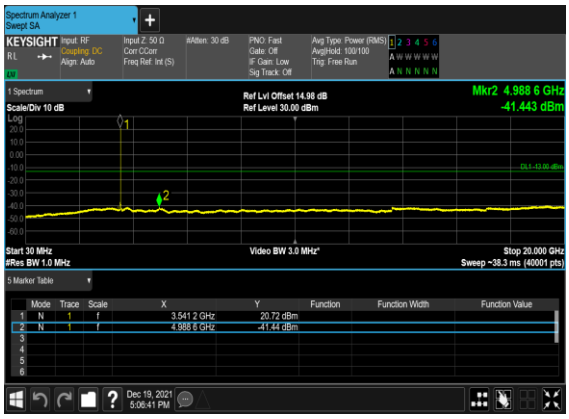
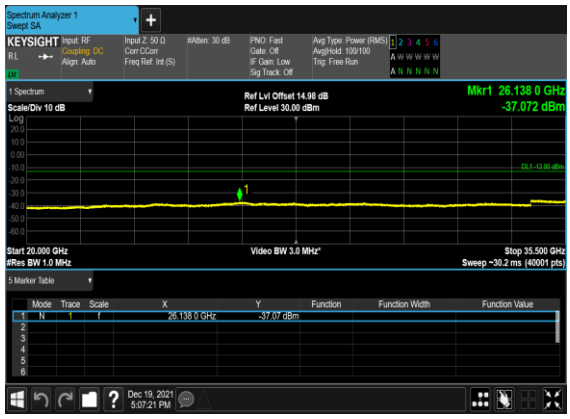
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH