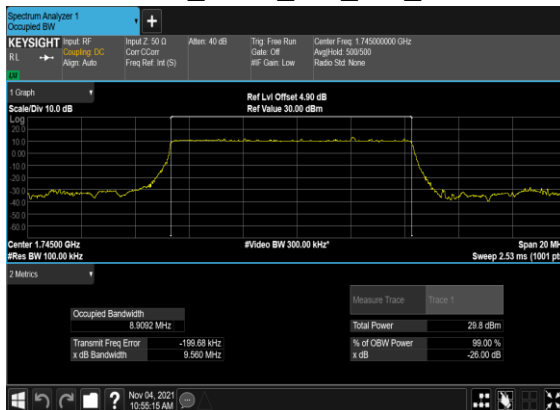
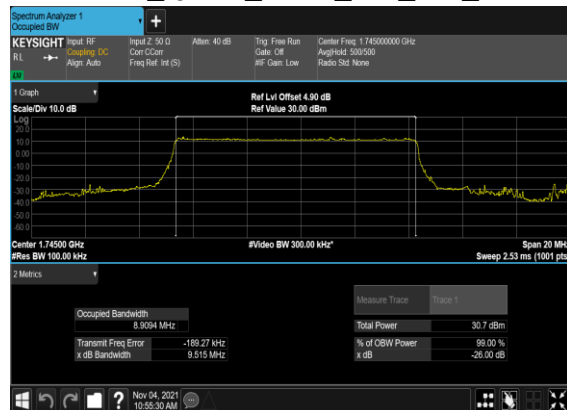


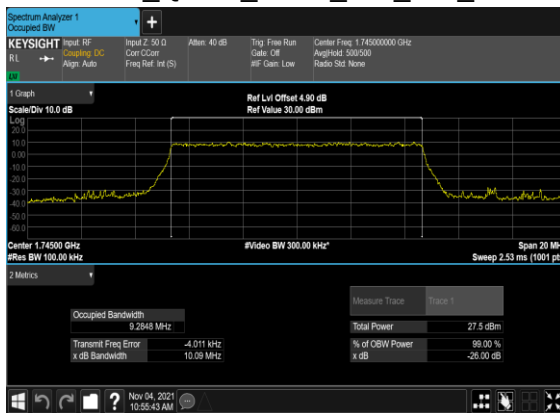
B5_N66(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



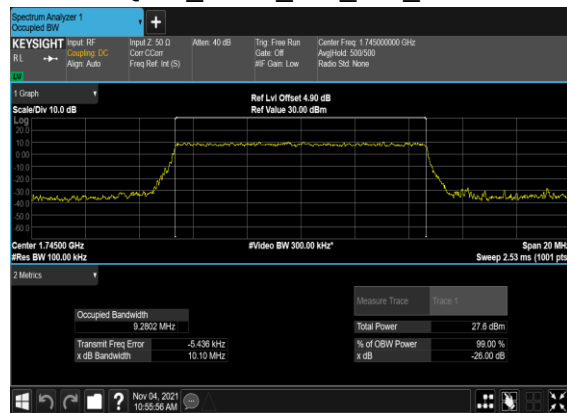
B5_N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



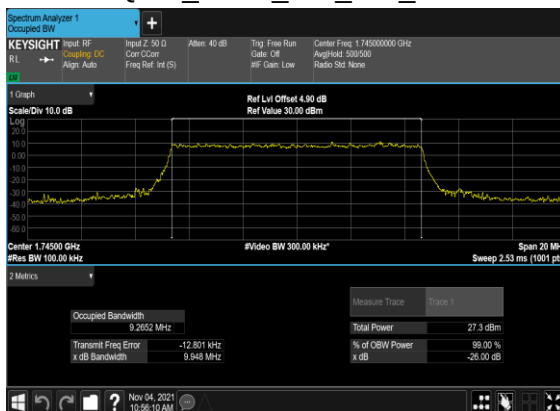
B5_N66(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



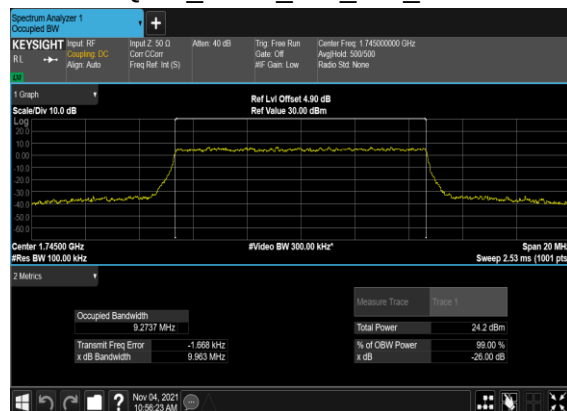
B5_N66(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



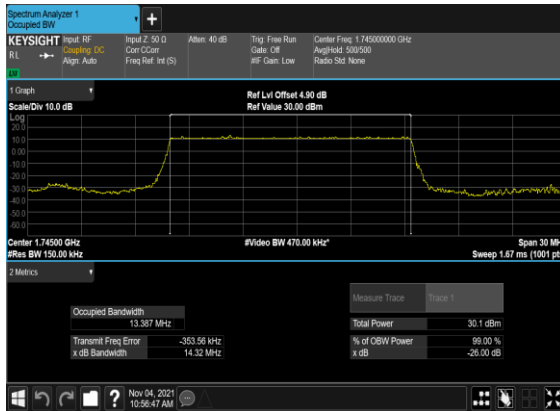
B5_N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



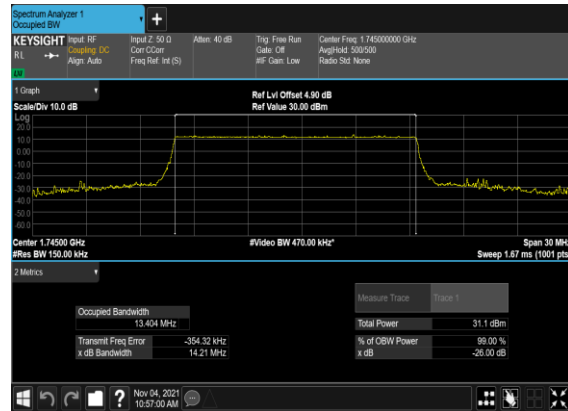
B5_N66(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



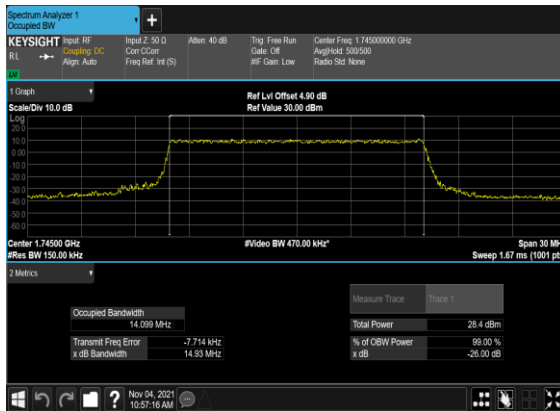
B5_N66(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



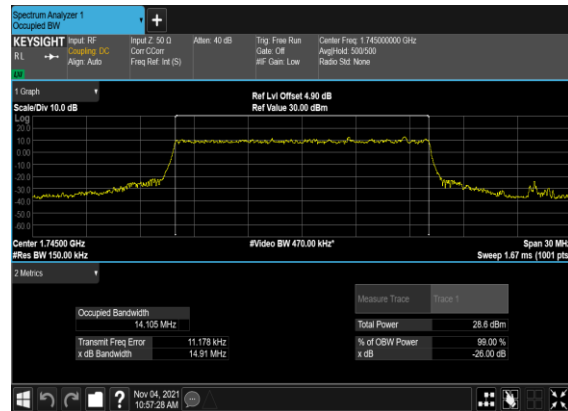
B5_N66(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



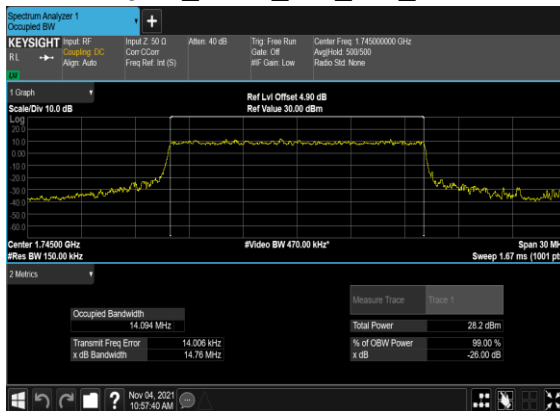
B5_N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



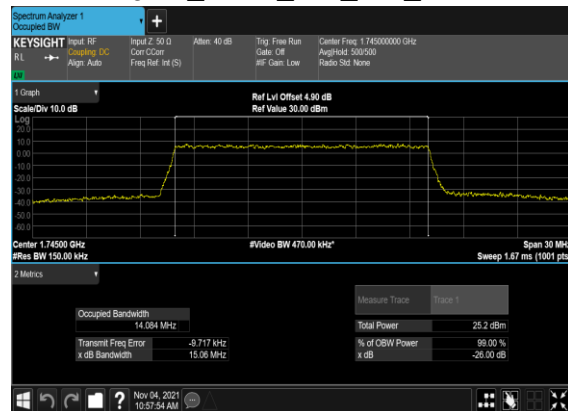
B5_N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



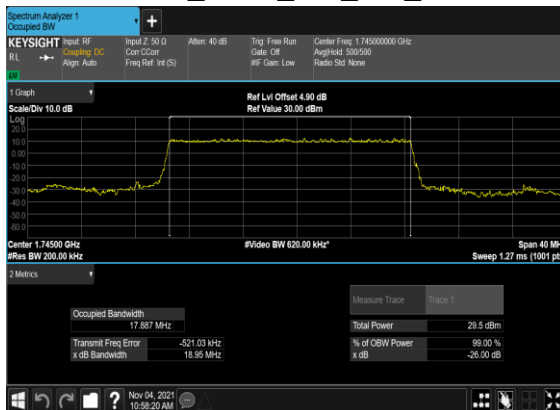
B5_N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



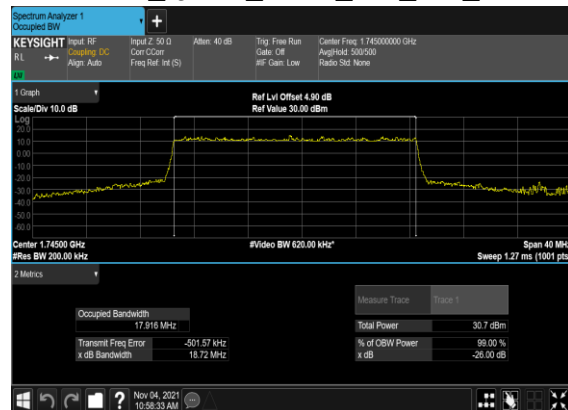
B5_N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



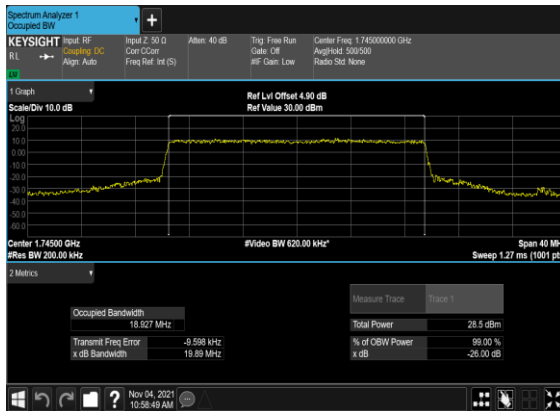
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



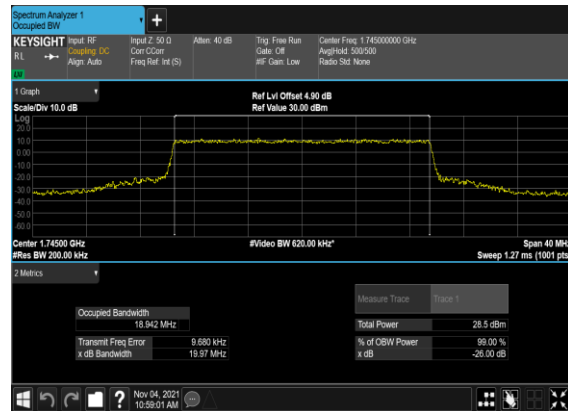
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



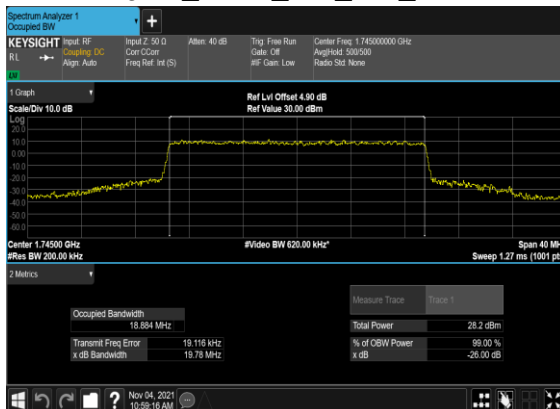
B5_N66(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



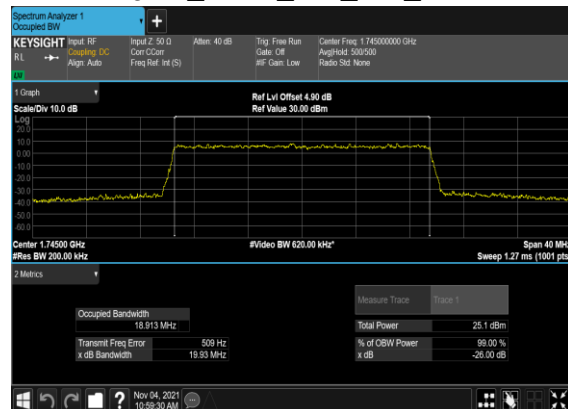
B5_N66(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



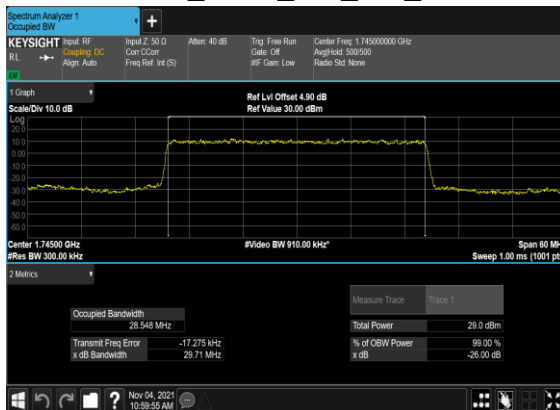
B5_N66(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



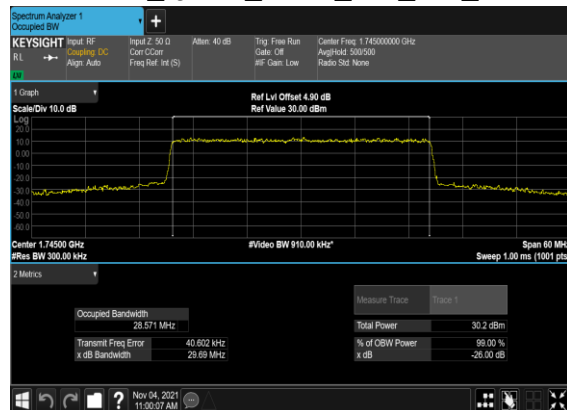
B5_N66(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



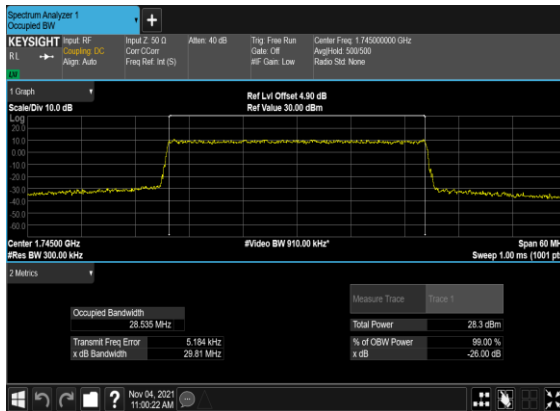
B5_N66(30M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



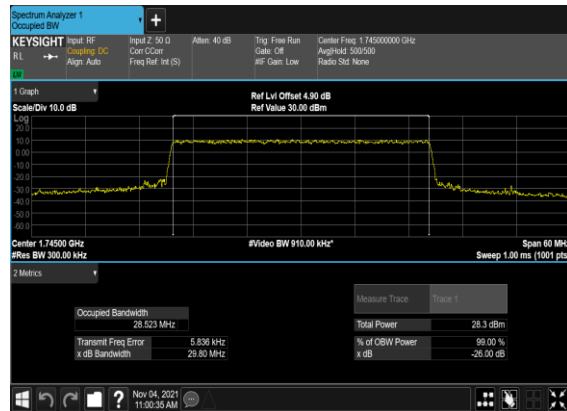
B5_N66(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



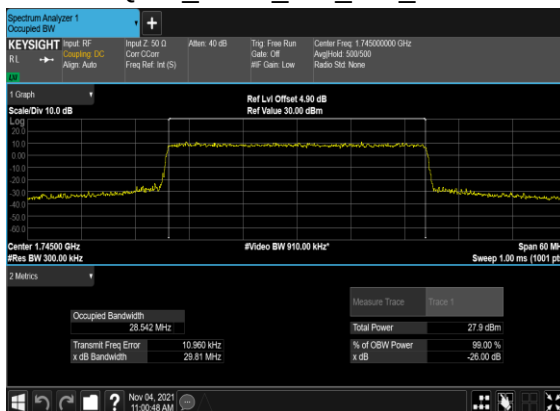
B5_N66(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



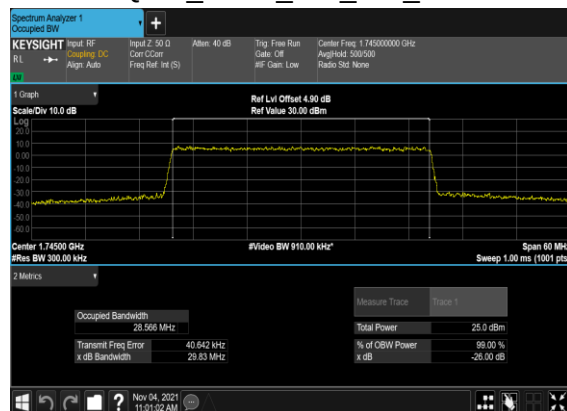
B5_N66(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



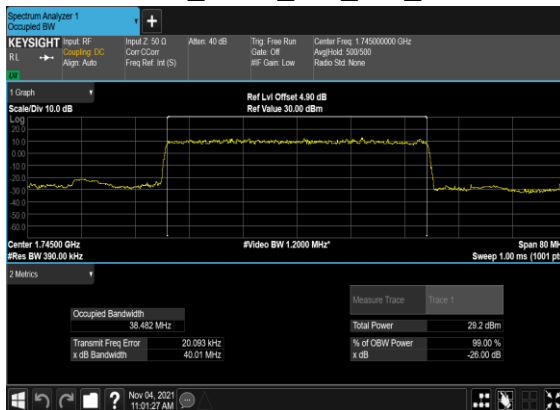
B5_N66(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



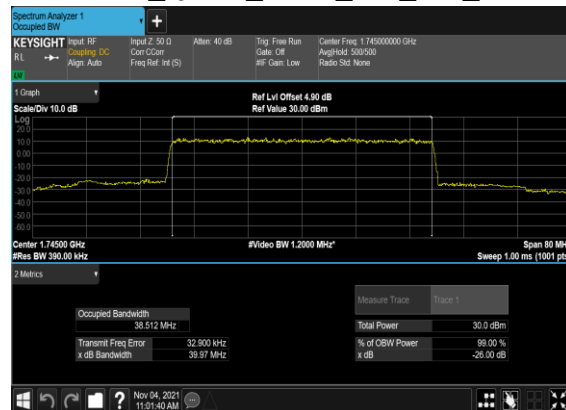
B5_N66(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



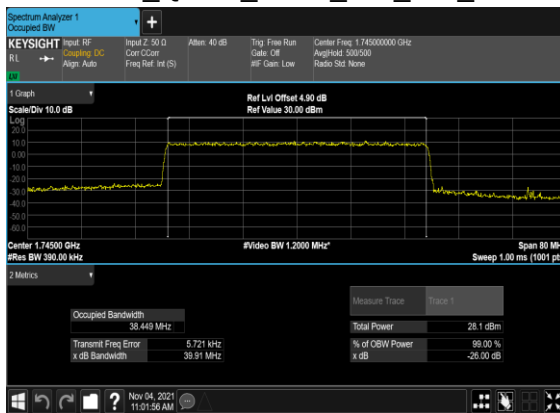
B5_N66(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



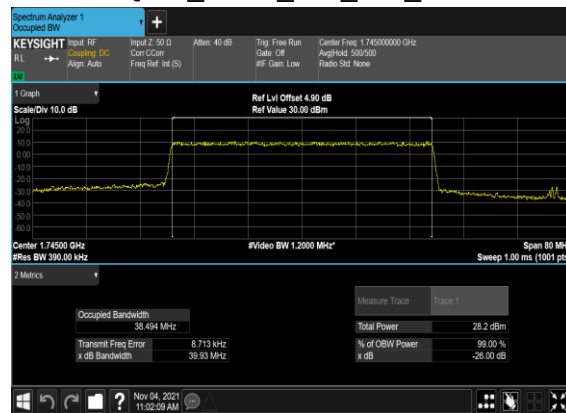
B5_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



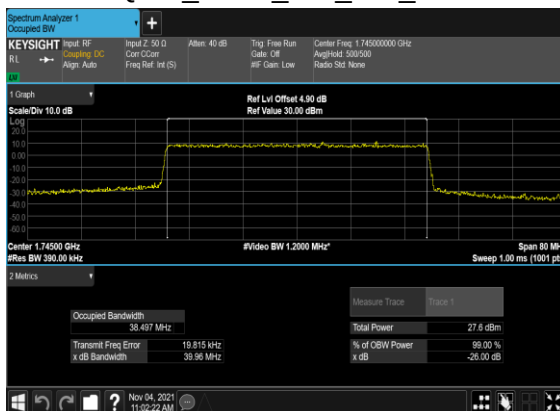
B5_N66(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



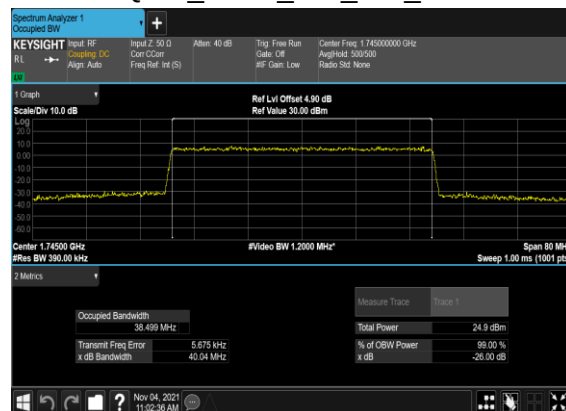
B5_N66(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N66(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N66(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

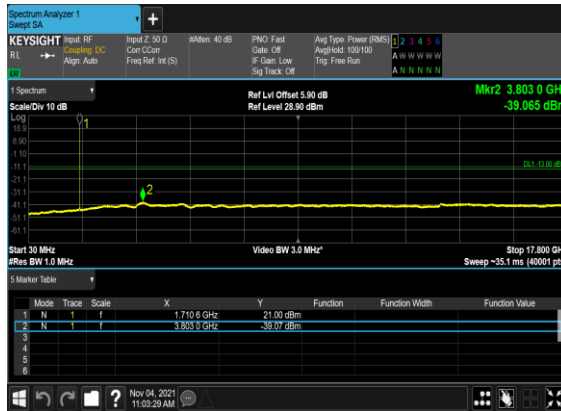


Conducted Spurious Emissions

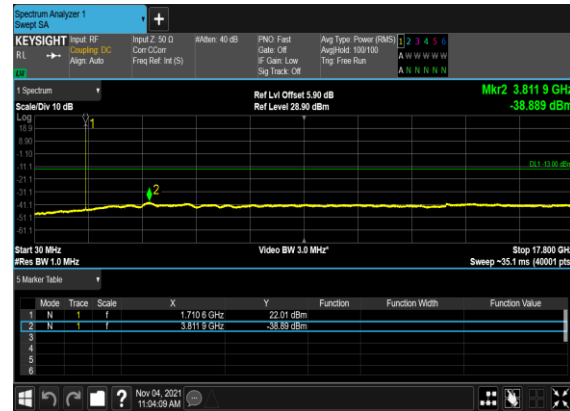
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

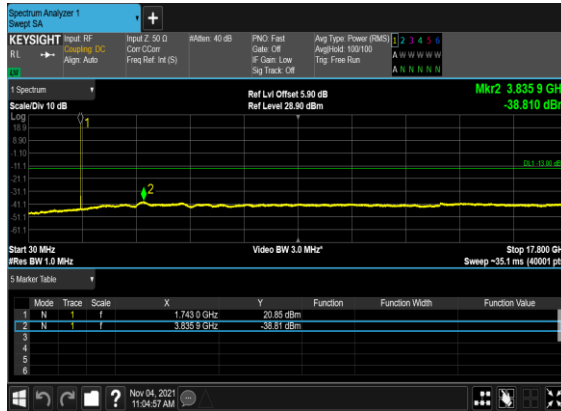
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



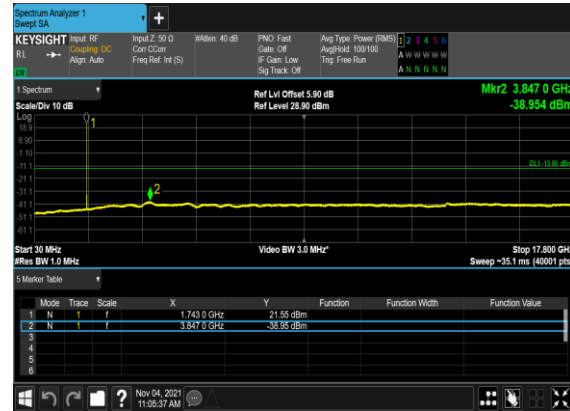
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



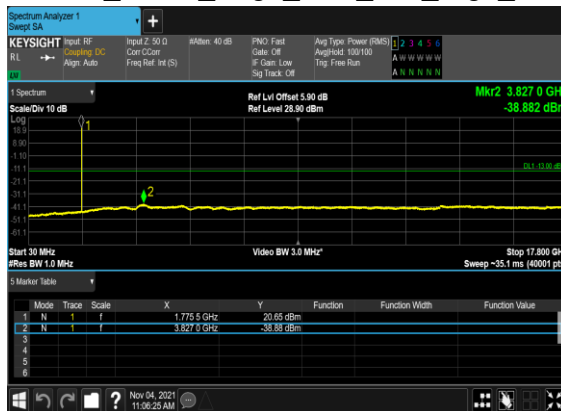
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



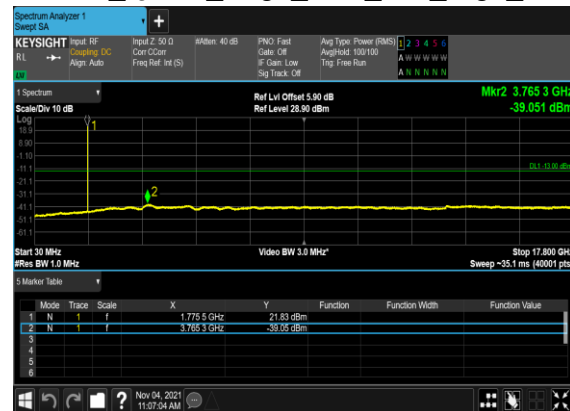
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



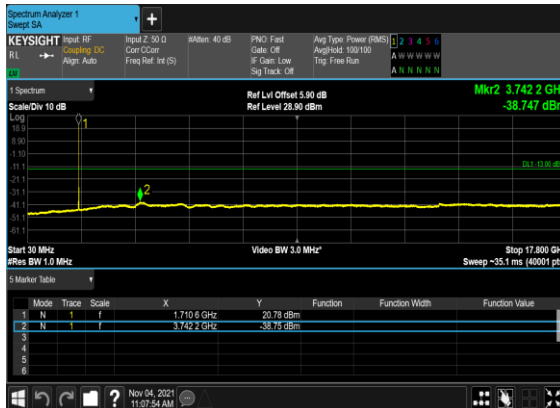
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



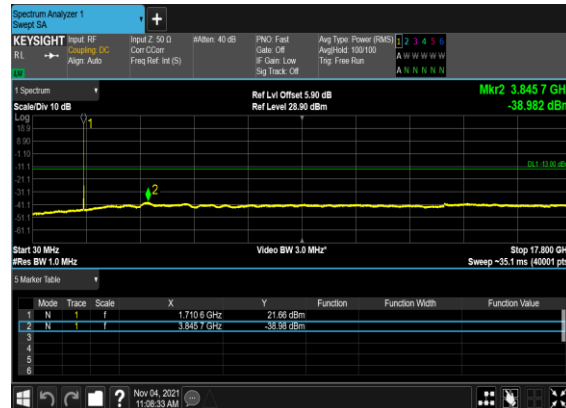
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



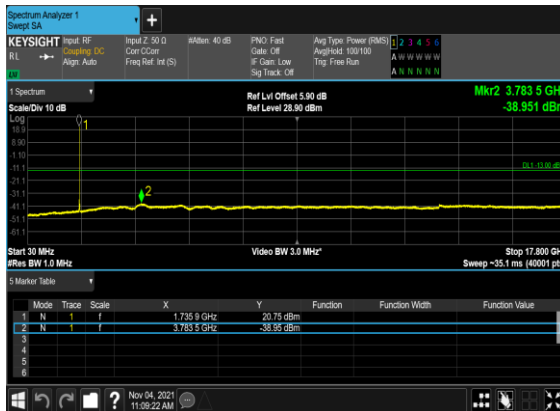
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



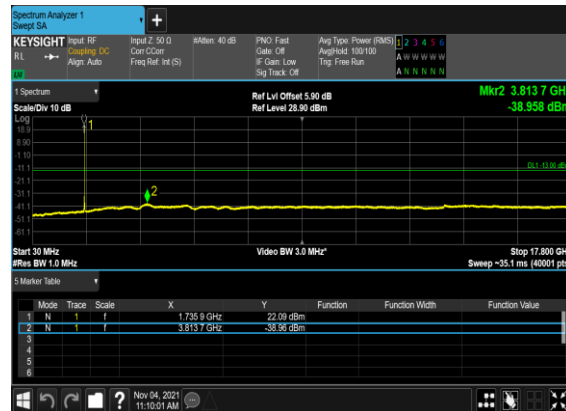
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



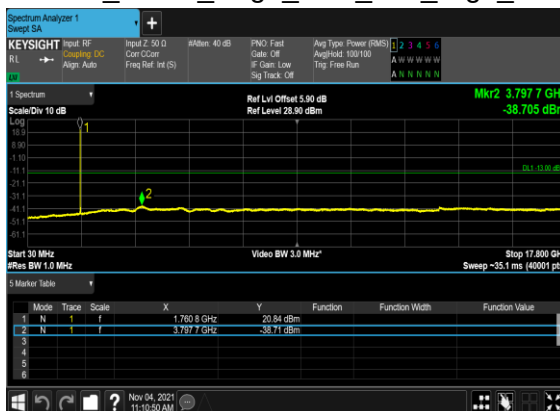
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



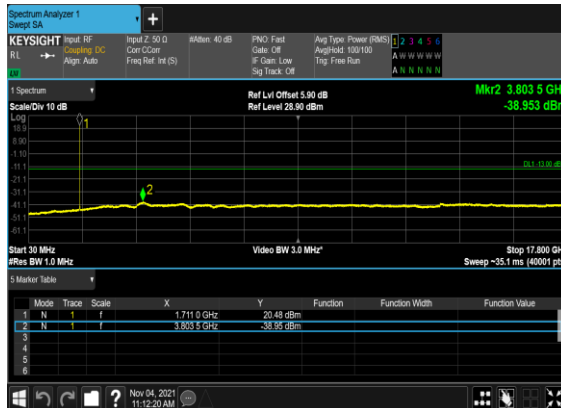
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



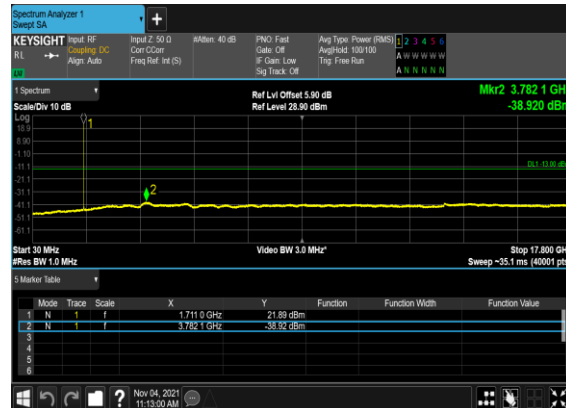
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



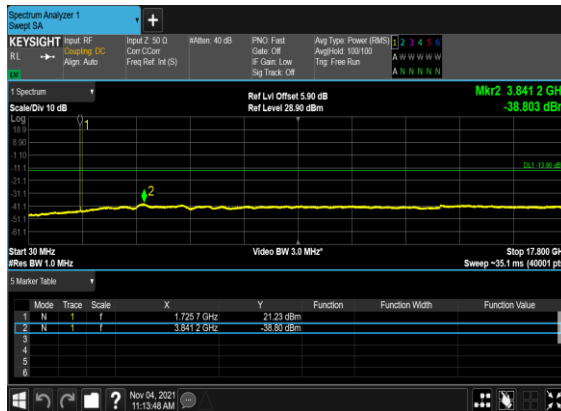
B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



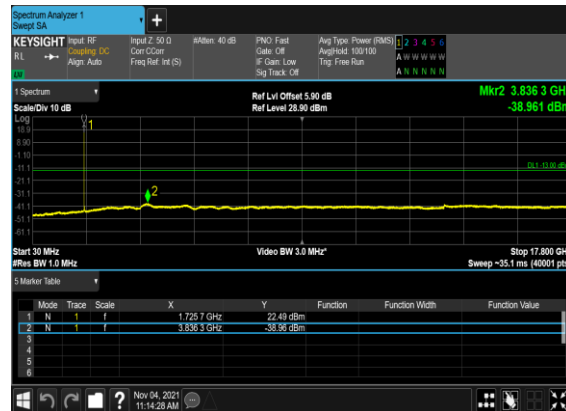
B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



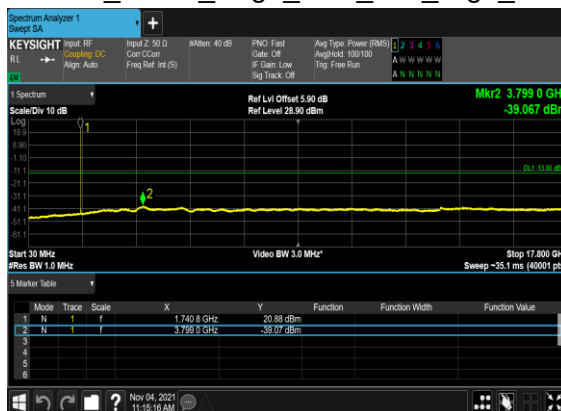
B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



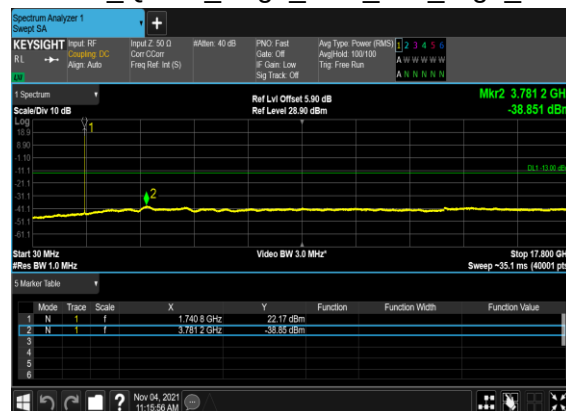
B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

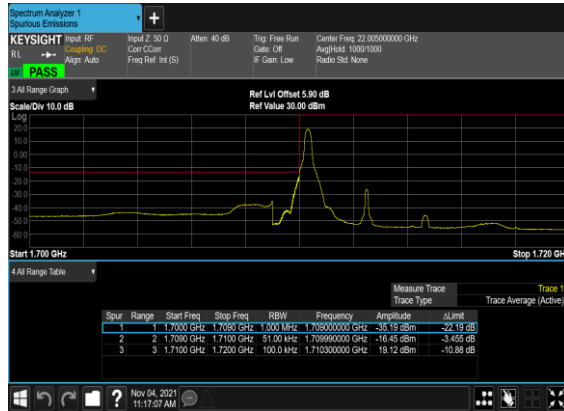


Conducted Band Edge

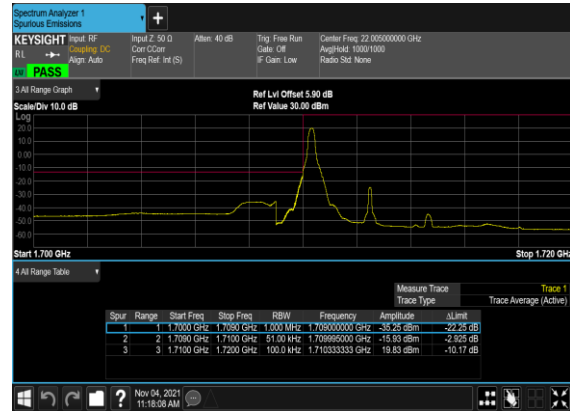
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS

66	15	40	432000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

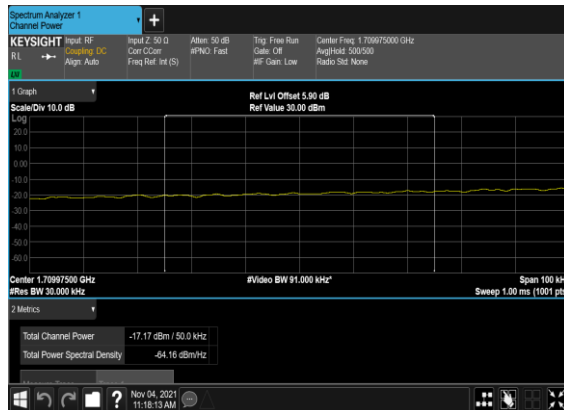
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



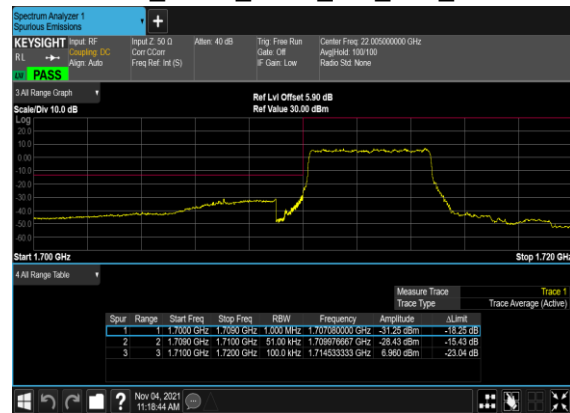
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



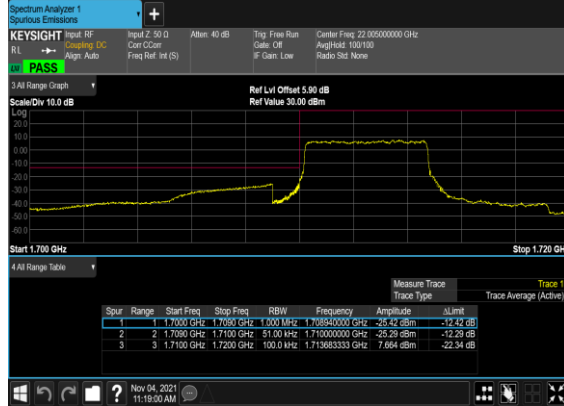
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



B5_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



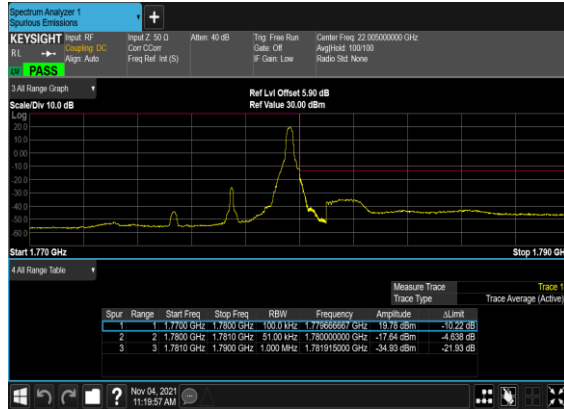
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



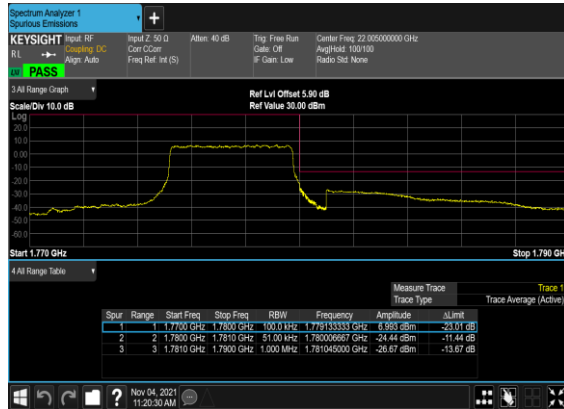
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



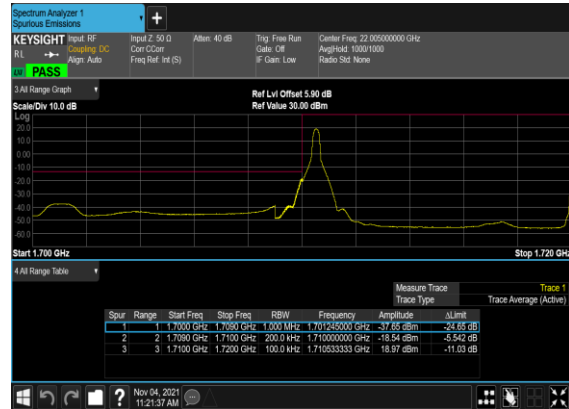
B5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



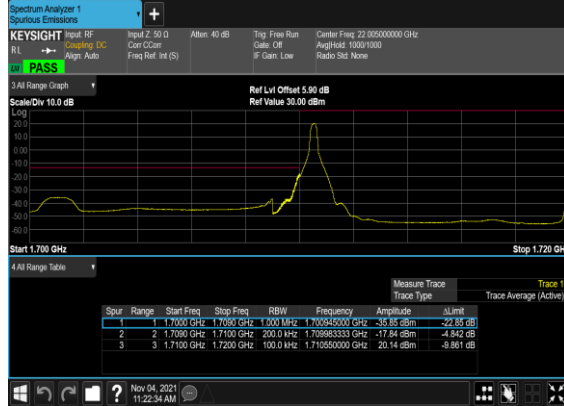
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



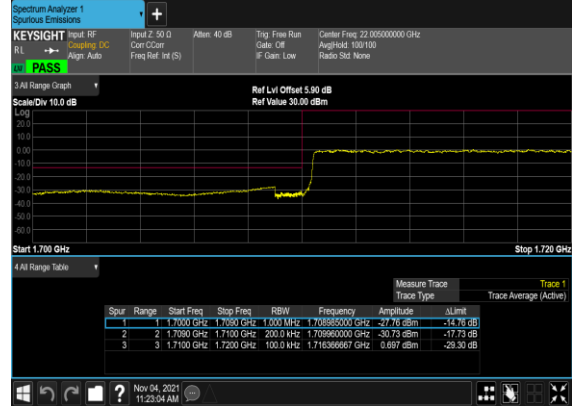
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



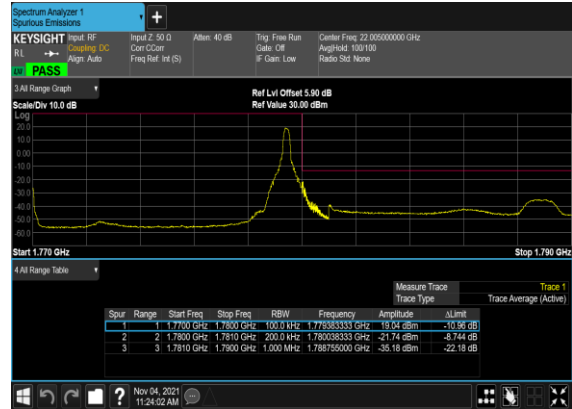
B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



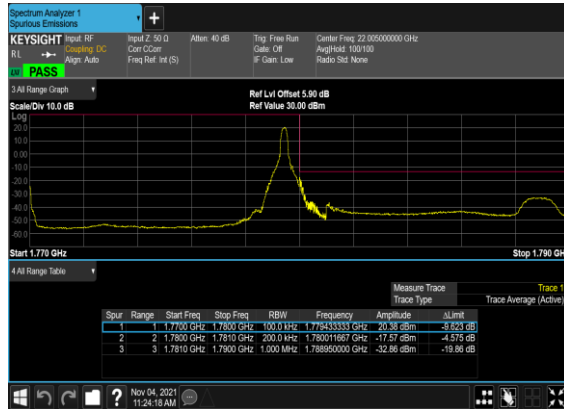
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



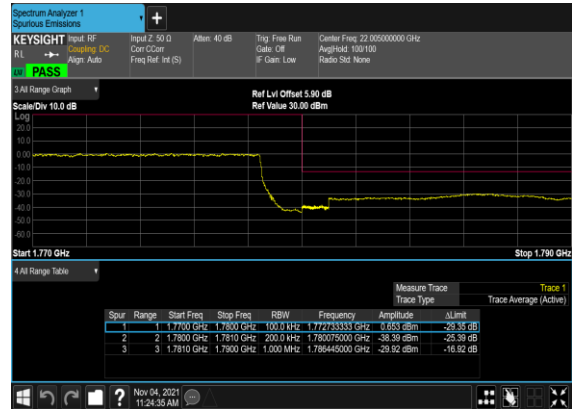
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



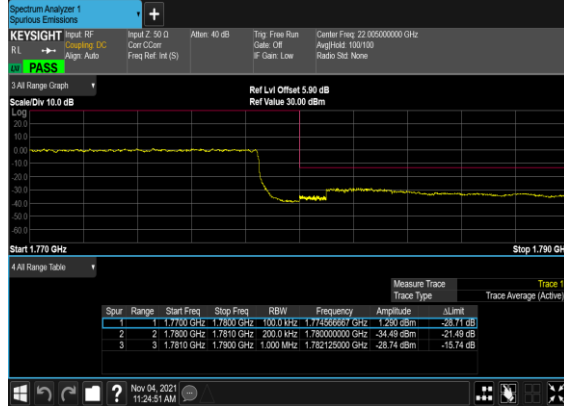
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



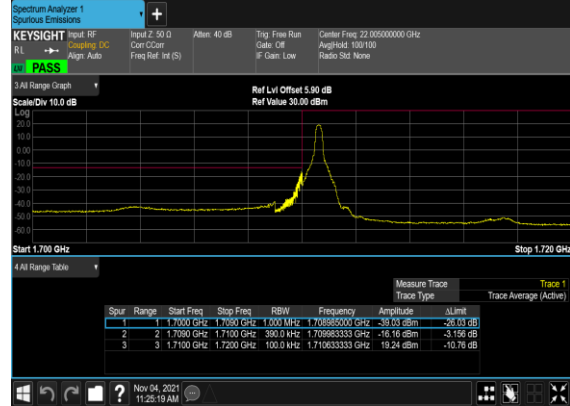
B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



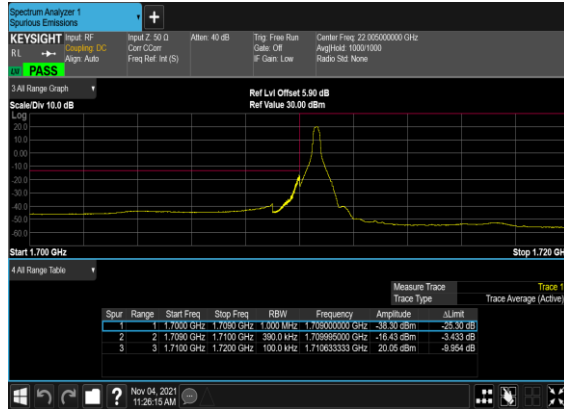
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



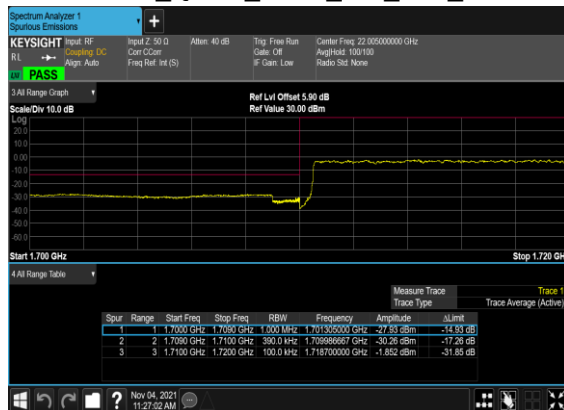
B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



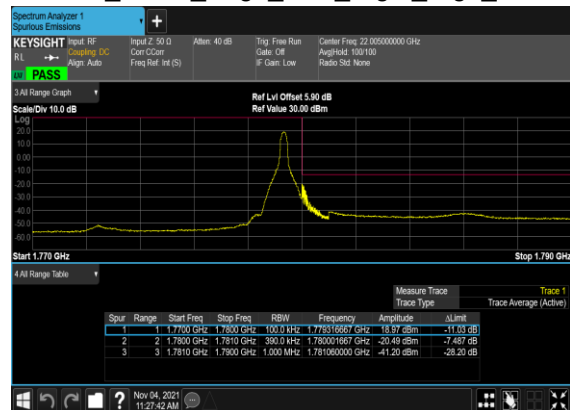
B5_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



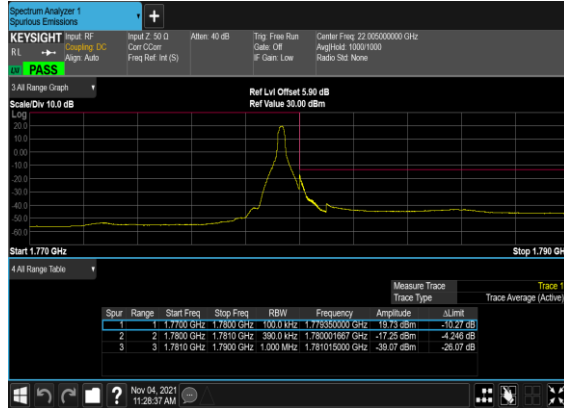
B5_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



B5_N66(40M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N77(ANT5)

LTE Band: 5(ANT1), LTE BW: 10M, LTE ARFCN: Mid

Conducted Power and EIRP

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	26.36	24.36	0.2729
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	26.39	24.39	0.2748
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	26.4	24.4	0.2754
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	26.34	24.34	0.2716
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.3	24.3	0.2692
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	26.4	24.4	0.2754
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	25.48	23.48	0.2228
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.59	23.59	0.2286
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	25.48	23.48	0.2228
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	23.99	21.99	0.1581
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	23.96	21.96	0.1570
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	23.99	21.99	0.1581
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	21.98	19.98	0.0995
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	21.92	19.92	0.0982
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	21.94	19.94	0.0986
77	30	20	647334	3710.01	CP-OFDM QPSK	25@12	25.01	23.01	0.2000
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.88	22.88	0.1941
77	30	20	647334	3710.01	CP-OFDM QPSK	1@49	24.98	22.98	0.1986
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	25@12	26.02	24.02	0.2523
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.09	24.09	0.2564
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@49	26.06	24.06	0.2547
77	30	20	656000	3840	DFT-s-OFDM QPSK	25@12	26.04	24.04	0.2535
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	26.1	24.1	0.2570
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@49	25.94	23.94	0.2477
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	25@12	25.17	23.17	0.2075
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.23	23.23	0.2104

77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@49	24.98	22.98	0.1986
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	25@12	23.62	21.62	0.1452
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.78	21.78	0.1507
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@49	23.69	21.69	0.1476
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	25@12	21.62	19.62	0.0916
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.69	19.69	0.0931
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@49	21.61	19.61	0.0914
77	30	20	656000	3840	CP-OFDM QPSK	25@12	24.33	22.33	0.1710
77	30	20	656000	3840	CP-OFDM QPSK	1@1	24.55	22.55	0.1799
77	30	20	656000	3840	CP-OFDM QPSK	1@49	24.5	22.5	0.1778
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	25@12	26.08	24.08	0.2559
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@1	26	24	0.2512
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@49	26.1	24.1	0.2570
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	25@12	26.11	24.11	0.2576
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	26.01	24.01	0.2518
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@49	26.1	24.1	0.2570
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	25@12	25.15	23.15	0.2065
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	25.12	23.12	0.2051
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@49	25.33	23.33	0.2153
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	25@12	23.73	21.73	0.1489
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@1	23.71	21.71	0.1483
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@49	23.86	21.86	0.1535
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	25@12	21.73	19.73	0.0940
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@1	21.7	19.7	0.0933
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@49	21.78	19.78	0.0951
77	30	20	664666	3969.99	CP-OFDM QPSK	25@12	24.63	22.63	0.1832
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	24.56	22.56	0.1803
77	30	20	664666	3969.99	CP-OFDM QPSK	1@49	24.71	22.71	0.1866
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	26.3	24.3	0.2692
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	26.33	24.33	0.2710
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	26.36	24.36	0.2729
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	26.32	24.32	0.2704
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	26.29	24.29	0.2685
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	26.39	24.39	0.2748

77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	25.45	23.45	0.2213
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.43	23.43	0.2203
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	25.45	23.45	0.2213
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	24.01	22.01	0.1589
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	23.92	21.92	0.1556
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	23.92	21.92	0.1556
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	21.86	19.86	0.0968
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	21.87	19.87	0.0971
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	22.01	20.01	0.1002
77	30	30	647668	3715.02	CP-OFDM QPSK	39@19	24.91	22.91	0.1954
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	24.94	22.94	0.1968
77	30	30	647668	3715.02	CP-OFDM QPSK	1@76	24.96	22.96	0.1977
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	36@18	26.01	24.01	0.2518
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.08	24.08	0.2559
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@76	25.79	23.79	0.2393
77	30	30	656000	3840	DFT-s-OFDM QPSK	36@18	25.94	23.94	0.2477
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	25.94	23.94	0.2477
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@76	25.76	23.76	0.2377
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	36@18	25.12	23.12	0.2051
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.27	23.27	0.2123
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@76	25.09	23.09	0.2037
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	36@18	23.72	21.72	0.1486
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.73	21.73	0.1489
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@76	23.67	21.67	0.1469
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	36@18	21.64	19.64	0.0920
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.84	19.84	0.0964
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@76	21.72	19.72	0.0938
77	30	30	656000	3840	CP-OFDM QPSK	39@19	24.41	22.41	0.1742
77	30	30	656000	3840	CP-OFDM QPSK	1@1	24.64	22.64	0.1837
77	30	30	656000	3840	CP-OFDM QPSK	1@76	24.37	22.37	0.1726
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	36@18	25.98	23.98	0.2500
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@1	25.99	23.99	0.2506
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@76	26.05	24.05	0.2541
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	36@18	25.99	23.99	0.2506

77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	26.07	24.07	0.2553
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@76	25.94	23.94	0.2477
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	36@18	25.11	23.11	0.2046
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	25.12	23.12	0.2051
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@76	25.12	23.12	0.2051
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	36@18	23.63	21.63	0.1455
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@1	23.62	21.62	0.1452
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@76	23.64	21.64	0.1459
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	36@18	21.51	19.51	0.0893
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@1	21.77	19.77	0.0948
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@76	21.69	19.69	0.0931
77	30	30	664332	3964.98	CP-OFDM QPSK	39@19	24.62	22.62	0.1828
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	24.54	22.54	0.1795
77	30	30	664332	3964.98	CP-OFDM QPSK	1@76	24.51	22.51	0.1782
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	26.37	24.37	0.2735
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	26.52	24.52	0.2831
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	26.39	24.39	0.2748
77	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	26.33	24.33	0.2710
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.5	24.5	0.2818
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	26.34	24.34	0.2716
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	25.48	23.48	0.2228
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.59	23.59	0.2286
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	25.45	23.45	0.2213
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	23.96	21.96	0.1570
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	24.15	22.15	0.1641
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	24.12	22.12	0.1629
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	21.96	19.96	0.0991
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	21.99	19.99	0.0998
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	21.97	19.97	0.0993
77	30	40	648000	3720	CP-OFDM QPSK	53@26	24.93	22.93	0.1963
77	30	40	648000	3720	CP-OFDM QPSK	1@1	25.02	23.02	0.2004
77	30	40	648000	3720	CP-OFDM QPSK	1@104	24.99	22.99	0.1991
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	50@25	26.1	24.1	0.2570
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.18	24.18	0.2618

77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@104	25.9	23.9	0.2455
77	30	40	656000	3840	DFT-s-OFDM QPSK	50@25	26	24	0.2512
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	26.06	24.06	0.2547
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@104	25.73	23.73	0.2360
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	50@25	25.06	23.06	0.2023
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.08	23.08	0.2032
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@104	24.78	22.78	0.1897
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	50@25	23.69	21.69	0.1476
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@1	24.03	22.03	0.1596
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@104	23.78	21.78	0.1507
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	50@25	21.71	19.71	0.0935
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.95	19.95	0.0989
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@104	21.7	19.7	0.0933
77	30	40	656000	3840	CP-OFDM QPSK	53@26	24.3	22.3	0.1698
77	30	40	656000	3840	CP-OFDM QPSK	1@1	24.56	22.56	0.1803
77	30	40	656000	3840	CP-OFDM QPSK	1@104	24.34	22.34	0.1714
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	50@25	26.05	24.05	0.2541
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@1	26.08	24.08	0.2559
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@104	26.12	24.12	0.2582
77	30	40	664000	3960	DFT-s-OFDM QPSK	50@25	26.08	24.08	0.2559
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	26.06	24.06	0.2547
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@104	26.15	24.15	0.2600
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	50@25	25.2	23.2	0.2089
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	25.29	23.29	0.2133
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@104	25.22	23.22	0.2099
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	50@25	23.68	21.68	0.1472
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@1	23.82	21.82	0.1521
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@104	23.88	21.88	0.1542
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	50@25	21.66	19.66	0.0925
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@1	21.66	19.66	0.0925
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@104	21.71	19.71	0.0935
77	30	40	664000	3960	CP-OFDM QPSK	53@26	24.65	22.65	0.1841
77	30	40	664000	3960	CP-OFDM QPSK	1@1	24.73	22.73	0.1875
77	30	40	664000	3960	CP-OFDM QPSK	1@104	24.76	22.76	0.1888

77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	26.26	24.26	0.2667
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	26.19	24.19	0.2624
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	26.14	24.14	0.2594
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	26.13	24.13	0.2588
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	26.09	24.09	0.2564
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	26.17	24.17	0.2612
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	25.23	23.23	0.2104
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.12	23.12	0.2051
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	25.35	23.35	0.2163
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	23.76	21.76	0.1500
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	23.92	21.92	0.1556
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	24.02	22.02	0.1592
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	21.73	19.73	0.0940
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	21.69	19.69	0.0931
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	21.78	19.78	0.0951
77	30	60	648668	3730.02	CP-OFDM QPSK	81@40	24.72	22.72	0.1871
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	24.76	22.76	0.1888
77	30	60	648668	3730.02	CP-OFDM QPSK	1@160	24.74	22.74	0.1879
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	81@40	25.22	23.22	0.2099
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.22	23.22	0.2099
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@160	24.89	22.89	0.1945
77	30	60	656000	3840	DFT-s-OFDM QPSK	81@40	25.18	23.18	0.2080
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	25.18	23.18	0.2080
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@160	24.84	22.84	0.1923
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	81@40	24.4	22.4	0.1738
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.39	22.39	0.1734
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@160	24.1	22.1	0.1622
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	81@40	23	21	0.1259
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.56	21.56	0.1432
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@160	23.22	21.22	0.1324
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	81@40	21.48	19.48	0.0887
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.54	19.54	0.0899
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@160	21.42	19.42	0.0875
77	30	60	656000	3840	CP-OFDM QPSK	81@40	23.58	21.58	0.1439

77	30	60	656000	3840	CP-OFDM QPSK	1@1	23.85	21.85	0.1531
77	30	60	656000	3840	CP-OFDM QPSK	1@160	23.54	21.54	0.1426
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	81@40	24.91	22.91	0.1954
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@1	25.15	23.15	0.2065
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@160	24.63	22.63	0.1832
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	81@40	24.88	22.88	0.1941
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	25.07	23.07	0.2028
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@160	24.52	22.52	0.1786
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	81@40	23.98	21.98	0.1578
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	24.29	22.29	0.1694
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@160	23.74	21.74	0.1493
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	81@40	22.61	20.61	0.1151
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@1	23.33	21.33	0.1358
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@160	22.8	20.8	0.1202
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	81@40	21.14	19.14	0.0820
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@1	21.71	19.71	0.0935
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@160	21.42	19.42	0.0875
77	30	60	663332	3949.98	CP-OFDM QPSK	81@40	23.17	21.17	0.1309
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	23.68	21.68	0.1472
77	30	60	663332	3949.98	CP-OFDM QPSK	1@160	23.12	21.12	0.1294
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	26.1	24.1	0.2570
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.92	23.92	0.2466
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	25.94	23.94	0.2477
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	26.15	24.15	0.2600
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.93	23.93	0.2472
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	25.99	23.99	0.2506
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	25.27	23.27	0.2123
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.01	23.01	0.2000
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	25.05	23.05	0.2018
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	23.77	21.77	0.1503
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	23.58	21.58	0.1439
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	23.64	21.64	0.1459
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	21.71	19.71	0.0935
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	21.62	19.62	0.0916

77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	21.6	19.6	0.0912
77	30	80	649334	3740.01	CP-OFDM QPSK	109@54	24.75	22.75	0.1884
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	24.55	22.55	0.1799
77	30	80	649334	3740.01	CP-OFDM QPSK	1@215	24.64	22.64	0.1837
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	108@54	25.87	23.87	0.2438
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.83	23.83	0.2415
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@215	25.7	23.7	0.2344
77	30	80	656000	3840	DFT-s-OFDM QPSK	108@54	25.2	23.2	0.2089
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	25.25	23.25	0.2113
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@215	24.77	22.77	0.1892
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	108@54	24.4	22.4	0.1738
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.57	22.57	0.1807
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@215	24.07	22.07	0.1611
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	108@54	22.99	20.99	0.1256
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.41	21.41	0.1384
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@215	23.1	21.1	0.1288
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	108@54	21.42	19.42	0.0875
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.45	19.45	0.0881
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@215	21.34	19.34	0.0859
77	30	80	656000	3840	CP-OFDM QPSK	109@54	23.79	21.79	0.1510
77	30	80	656000	3840	CP-OFDM QPSK	1@1	23.93	21.93	0.1560
77	30	80	656000	3840	CP-OFDM QPSK	1@215	23.45	21.45	0.1396
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	108@54	25.41	23.41	0.2193
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@1	25.87	23.87	0.2438
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@215	24.93	22.93	0.1963
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	108@54	24.89	22.89	0.1945
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	25.26	23.26	0.2118
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@215	24.44	22.44	0.1754
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	108@54	24.09	22.09	0.1618
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	24.54	22.54	0.1795
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@215	23.78	21.78	0.1507
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	108@54	22.66	20.66	0.1164
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@1	23.6	21.6	0.1445
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@215	22.81	20.81	0.1205

77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	108@54	21.22	19.22	0.0836
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@1	21.5	19.5	0.0891
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@215	21.36	19.36	0.0863
77	30	80	662666	3939.99	CP-OFDM QPSK	109@54	23.28	21.28	0.1343
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	23.92	21.92	0.1556
77	30	80	662666	3939.99	CP-OFDM QPSK	1@215	23.07	21.07	0.1279
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.09	24.09	0.2564
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.86	23.86	0.2432
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.99	23.99	0.2506
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.05	24.05	0.2541
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.84	23.84	0.2421
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.55	24.55	0.2851
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.13	23.13	0.2056
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.01	23.01	0.2000
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.26	23.26	0.2118
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.6	21.6	0.1445
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.47	21.47	0.1403
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.74	21.74	0.1493
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.63	19.63	0.0918
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.41	19.41	0.0873
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.62	19.62	0.0916
77	30	100	650000	3750	CP-OFDM QPSK	137@68	24.61	22.61	0.1824
77	30	100	650000	3750	CP-OFDM QPSK	1@1	24.53	22.53	0.1791
77	30	100	650000	3750	CP-OFDM QPSK	1@271	24.54	22.54	0.1795
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	24.84	22.84	0.1923
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	24.96	22.96	0.1977
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	24.26	22.26	0.1683
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	25.27	23.27	0.2123
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	25.39	23.39	0.2183
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	24.79	22.79	0.1901
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	24.25	22.25	0.1679
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.32	22.32	0.1706
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	23.69	21.69	0.1476
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	22.91	20.91	0.1233

77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.06	21.06	0.1276
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	22.4	20.4	0.1096
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	21.46	19.46	0.0883
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.49	19.49	0.0889
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	21.31	19.31	0.0853
77	30	100	656000	3840	CP-OFDM QPSK	137@68	23.74	21.74	0.1493
77	30	100	656000	3840	CP-OFDM QPSK	1@1	23.76	21.76	0.1500
77	30	100	656000	3840	CP-OFDM QPSK	1@271	23.14	21.14	0.1300
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	24.83	22.83	0.1919
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	25.31	23.31	0.2143
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	24.36	22.36	0.1722
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	24.88	22.88	0.1941
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	25.28	23.28	0.2128
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	24.31	22.31	0.1702
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	24	22	0.1585
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	24.48	22.48	0.1770
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	23.5	21.5	0.1413
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	22.63	20.63	0.1156
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	23.05	21.05	0.1274
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	22.05	20.05	0.1012
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	21.25	19.25	0.0841
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	21.46	19.46	0.0883
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	21.18	19.18	0.0828
77	30	100	662000	3930	CP-OFDM QPSK	137@68	23.52	21.52	0.1419
77	30	100	662000	3930	CP-OFDM QPSK	1@1	23.86	21.86	0.1535
77	30	100	662000	3930	CP-OFDM QPSK	1@271	22.82	20.82	0.1208

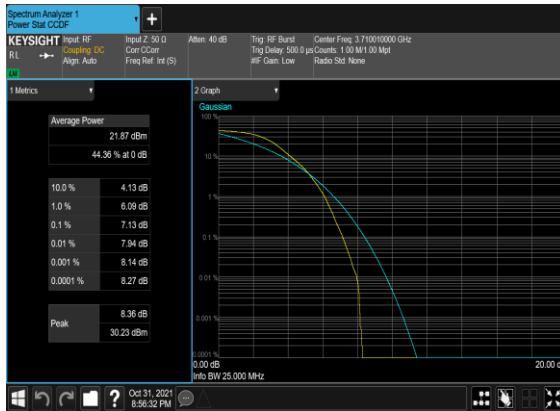
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00247	PASS	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.0079	PASS	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00519	PASS	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00719	PASS	-30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00633	PASS	-20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00724	PASS	-10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00754	PASS	0°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00307	PASS	10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.0048	PASS	20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00692	PASS	30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00803	PASS	40°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00326	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	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	7.13	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	7.2	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.27	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	8.93	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	7.04	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	7.21	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	7.84	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	8.8	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	50@0	7.15	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@0	7.52	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	8.22	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	9.31	13	PASS

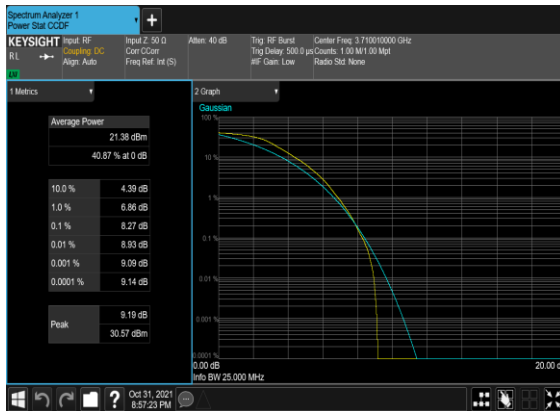
B5_N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



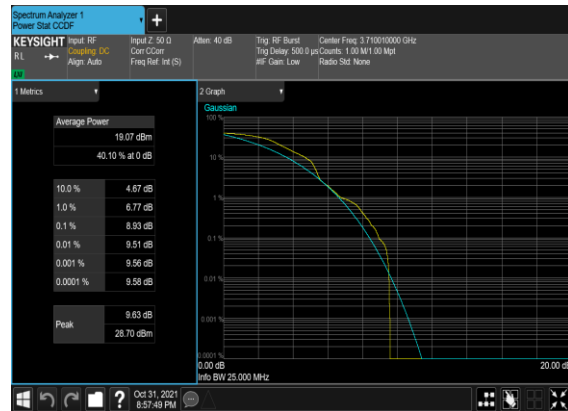
B5_N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Low_CH



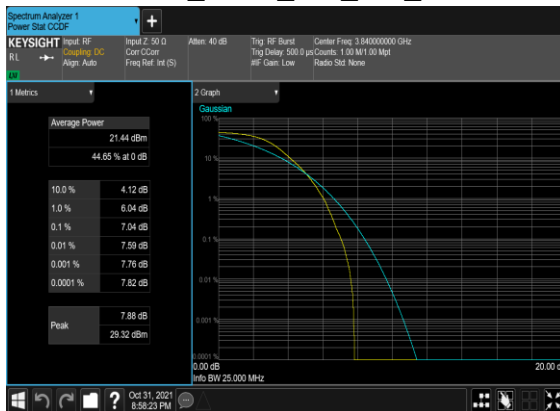
B5_N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



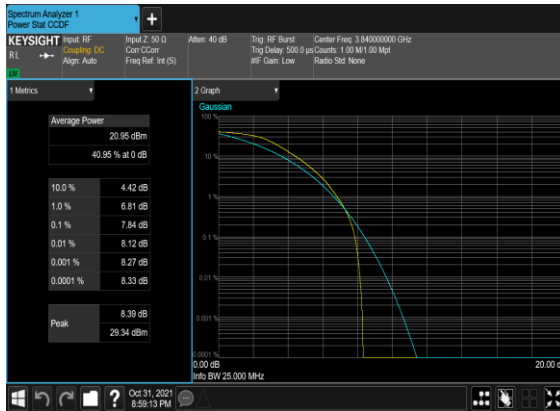
B5_N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B5_N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



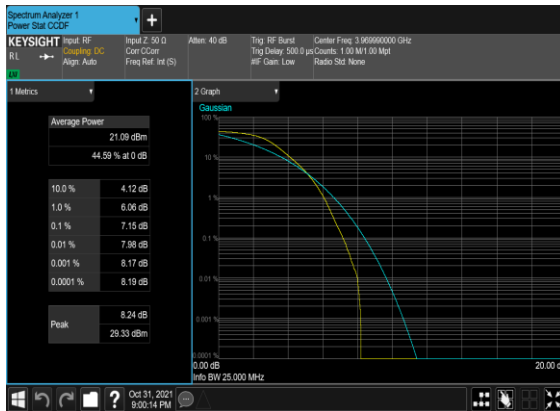
B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



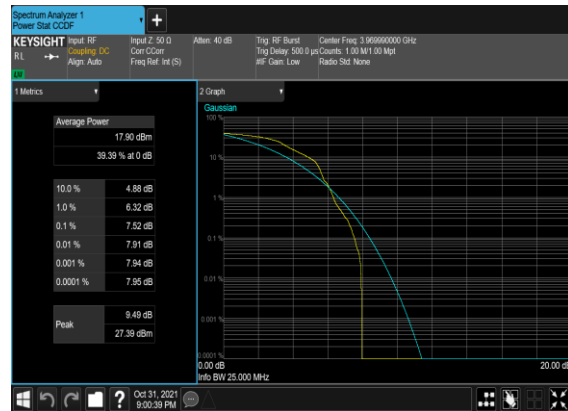
B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



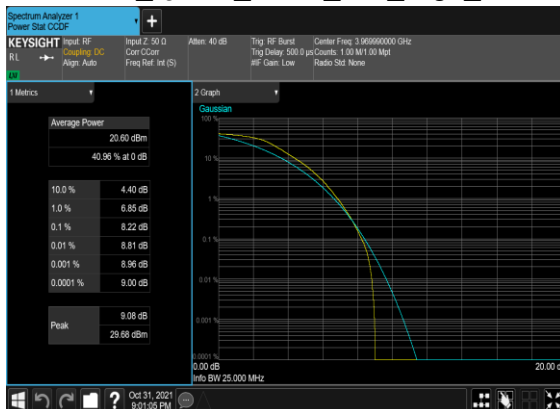
B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



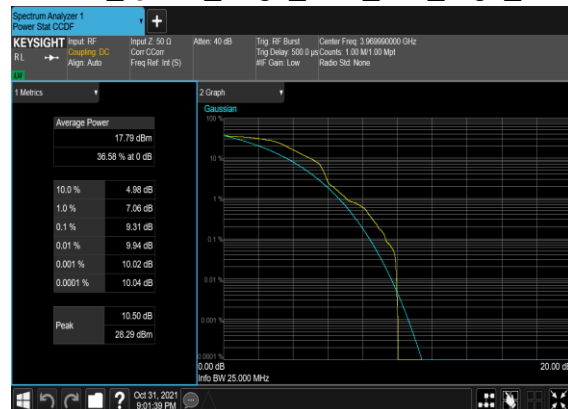
B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

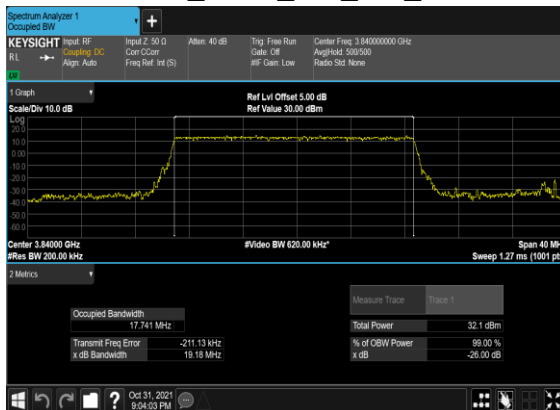


Occupied Bandwidth

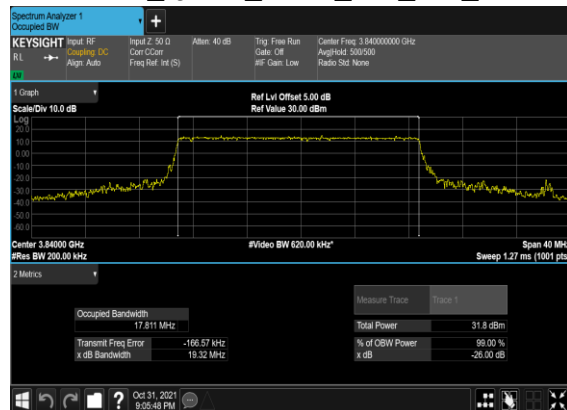
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	17.741	19.18
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	17.811	19.32
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.159	19.56
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.164	19.72
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.203	19.46
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.192	19.68
77	30	30	656000	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	26.795	28.7
77	30	30	656000	3840.0	DFT-s-OFDM QPSK	75@0	26.761	28.28
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.827	29.53
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.846	29.34
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.791	29.41
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.838	29.24
77	30	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	35.709	37.58
77	30	40	656000	3840.0	DFT-s-OFDM QPSK	100@0	35.732	37.48
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.818	39.76
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.814	39.63
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.828	39.79
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.99	39.51
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	57.942	60.11
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	162@0	57.959	59.9
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.856	60.04
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.777	59.99
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.842	60.25
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.797	59.9

77	30	80	656000	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	77.341	79.96
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	216@0	77.275	79.78
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.44	80.25
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.526	80.05
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.531	80.17
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.527	80.37
77	30	100	656000	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	96.549	99.61
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	96.403	99.49
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.42	100.8
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.425	100.5
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.597	100.7
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.487	100.6

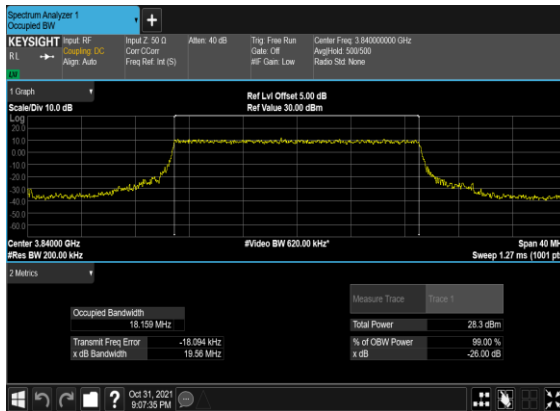
B5_N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



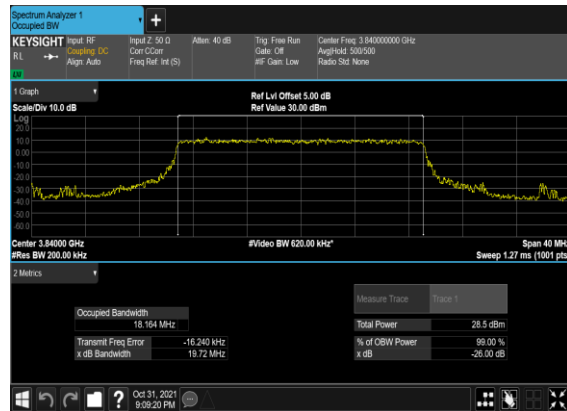
B5_N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



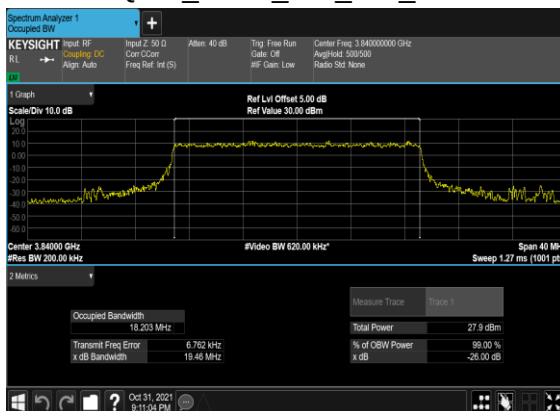
B5_N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



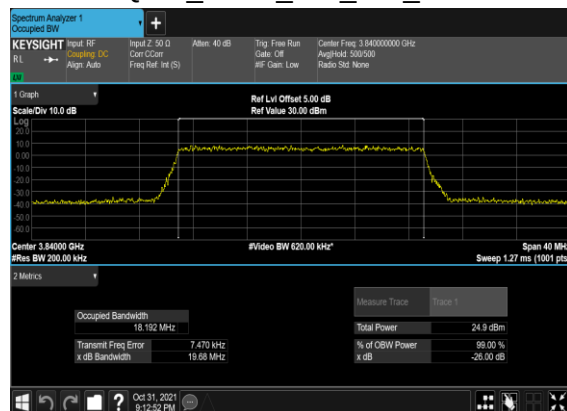
B5_N77(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



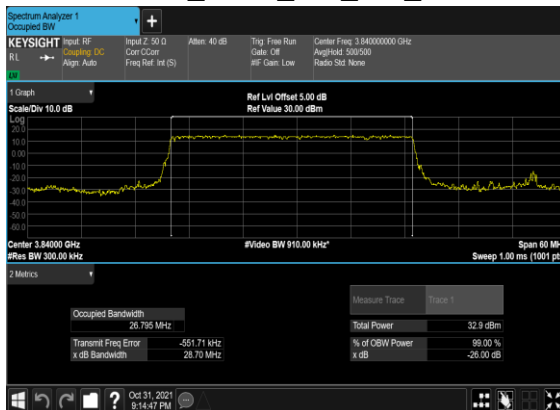
B5_N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



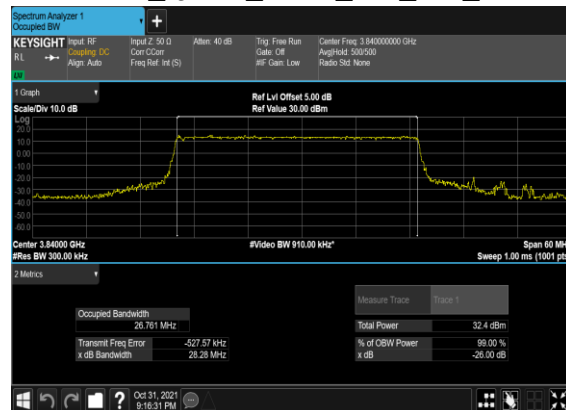
B5_N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



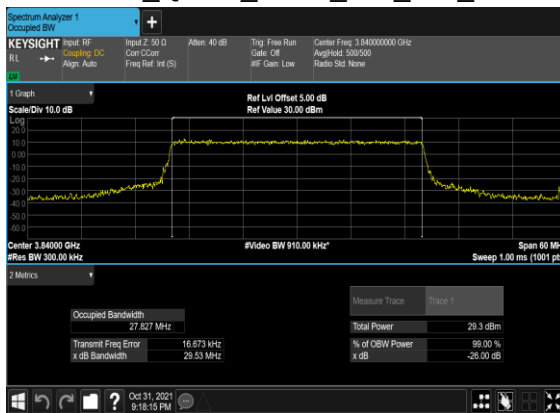
B5_N77(30M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



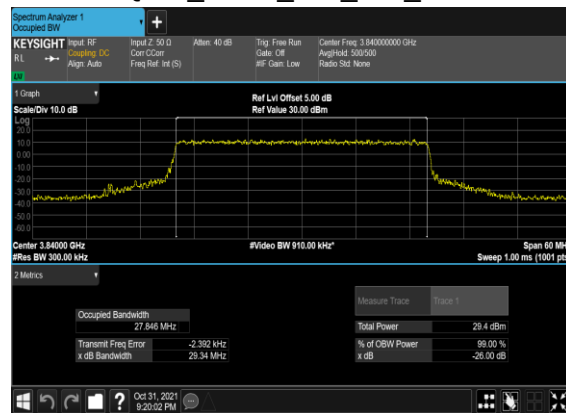
B5_N77(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



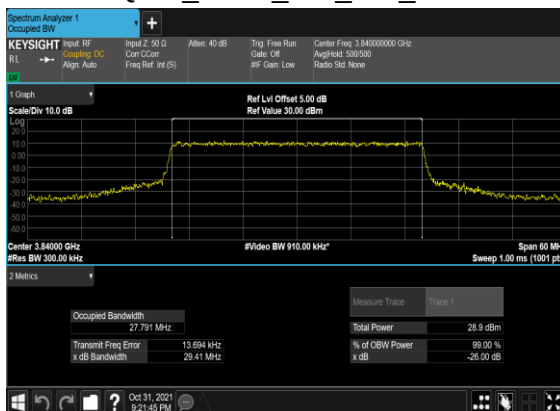
B5_N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



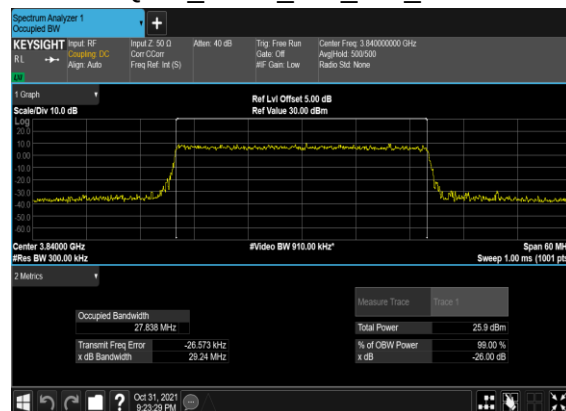
B5_N77(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



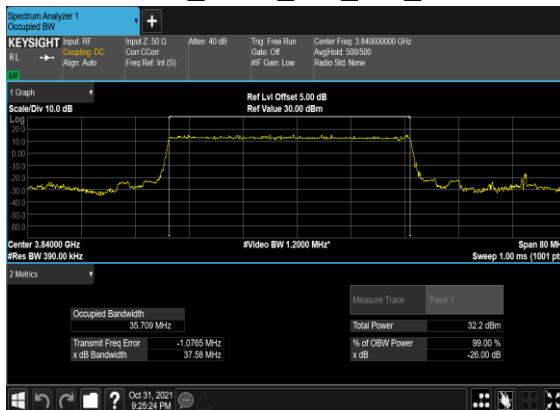
B5_N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



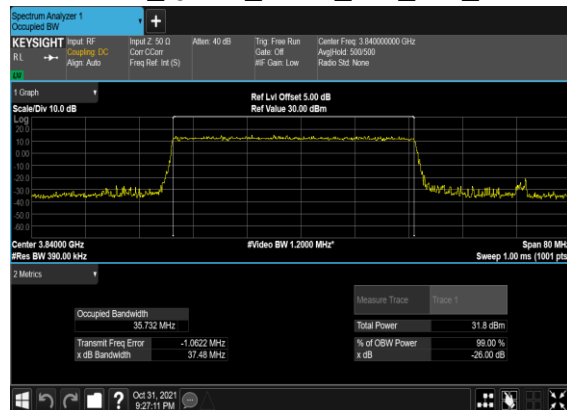
B5_N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



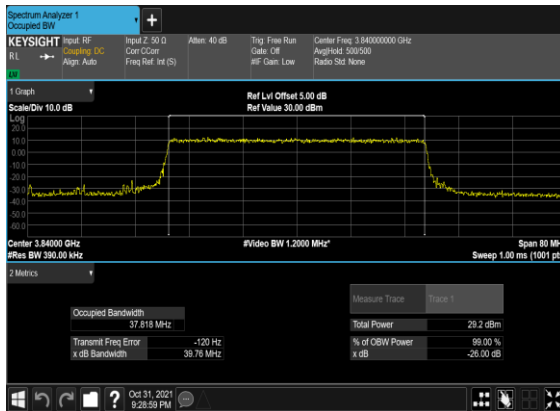
B5_N77(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



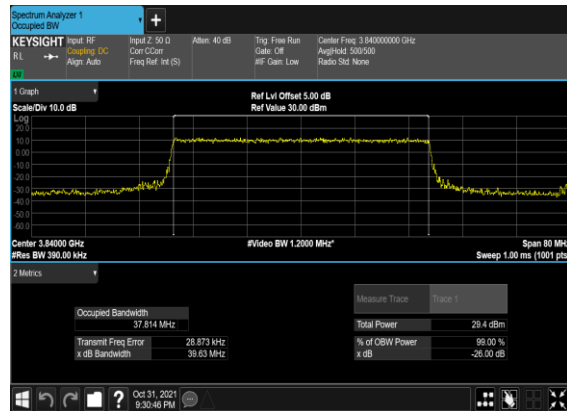
B5_N77(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



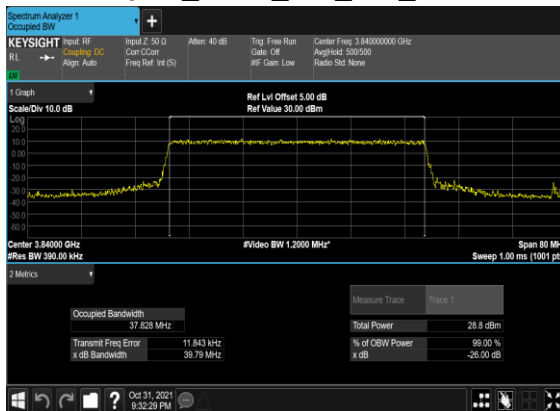
B5_N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



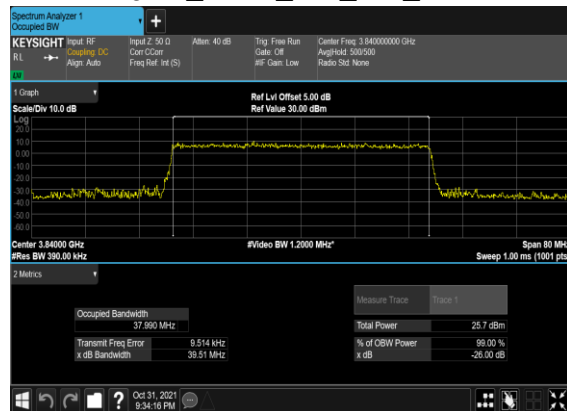
B5_N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



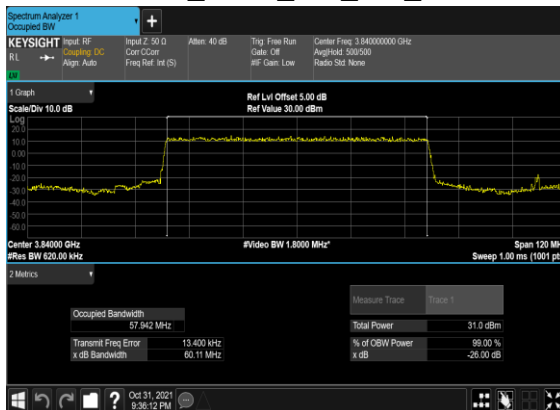
B5_N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



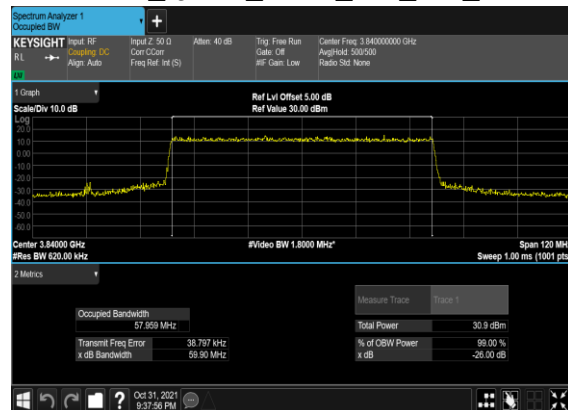
B5_N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



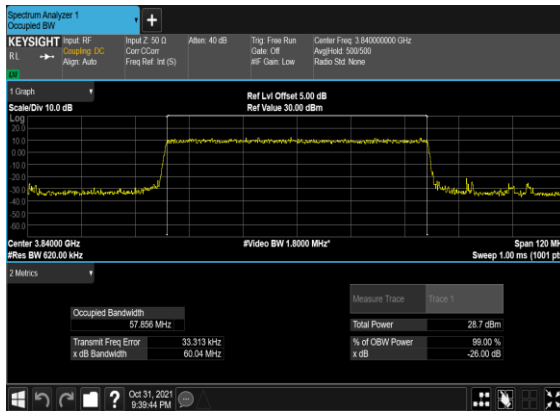
B5_N77(60M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



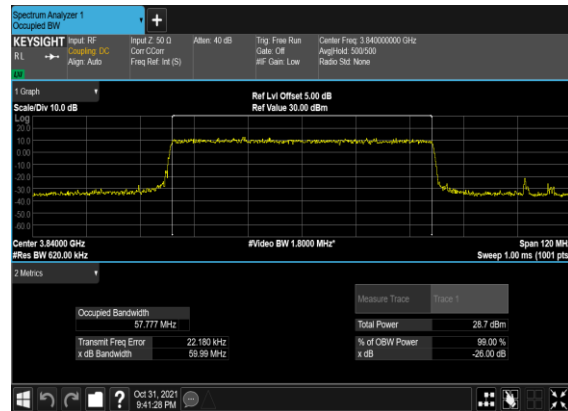
B5_N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



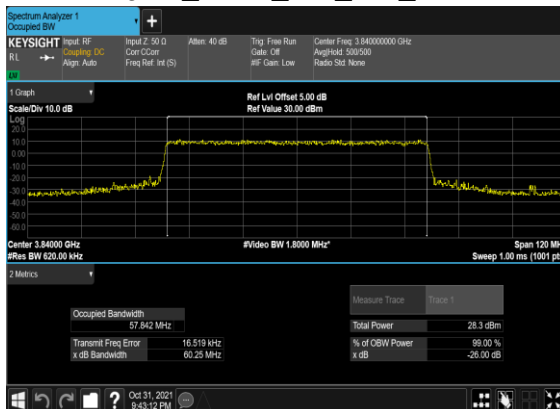
B5_N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



B5_N77(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N77(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N77(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

