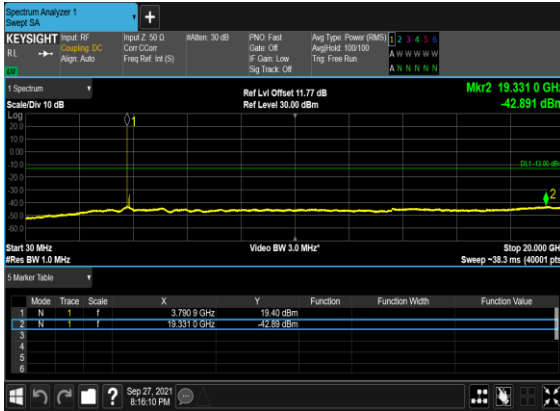
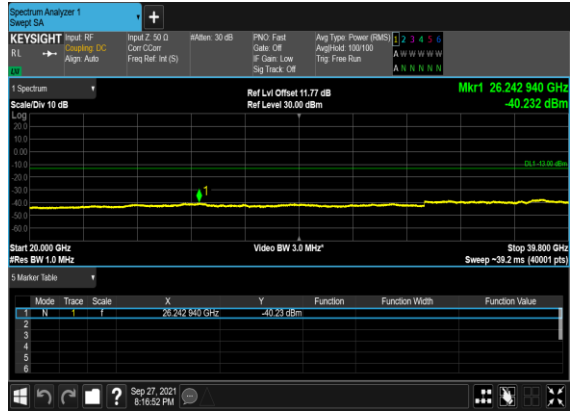


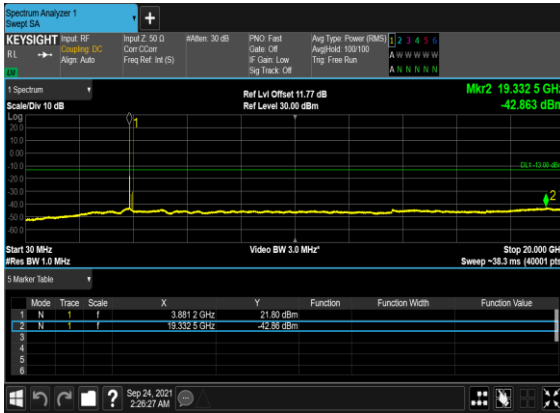
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



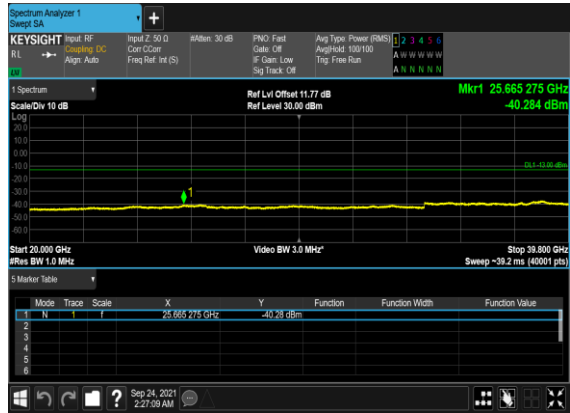
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



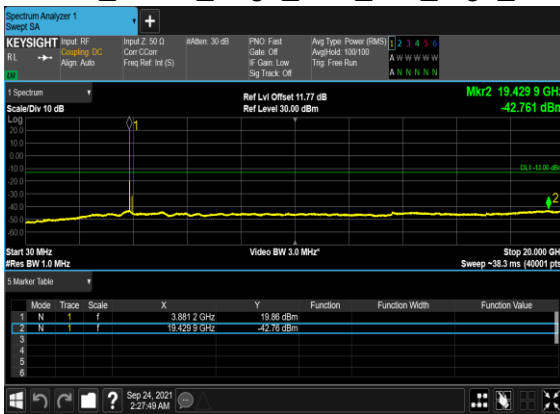
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



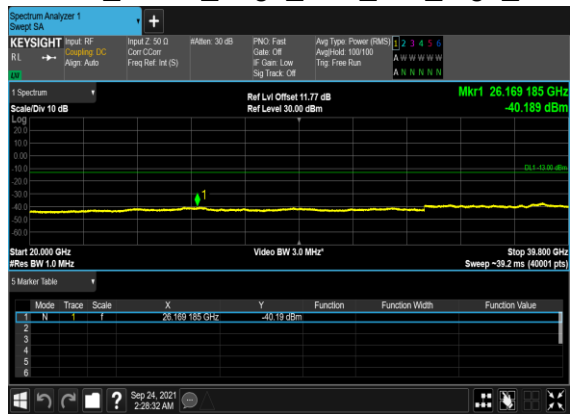
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

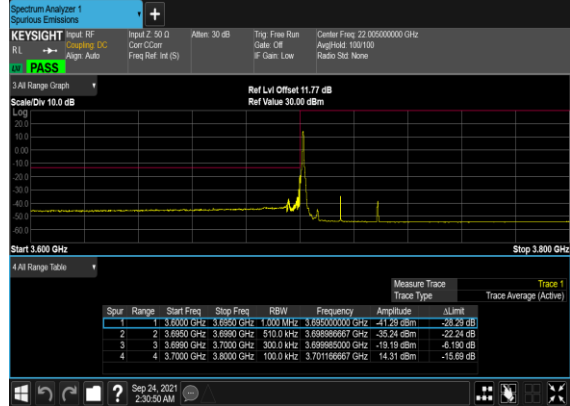
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	30	647668	3715.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	30	647668	3715.02	DFT-s-OFDM BPSK	75@0	see graph	PASS
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	75@0	see graph	PASS
77	30	30	664332	3964.98	DFT-s-OFDM BPSK	1@77	see graph	PASS
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@77	see graph	PASS
77	30	30	664332	3964.98	DFT-s-OFDM BPSK	75@0	see graph	PASS
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	75@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS

77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

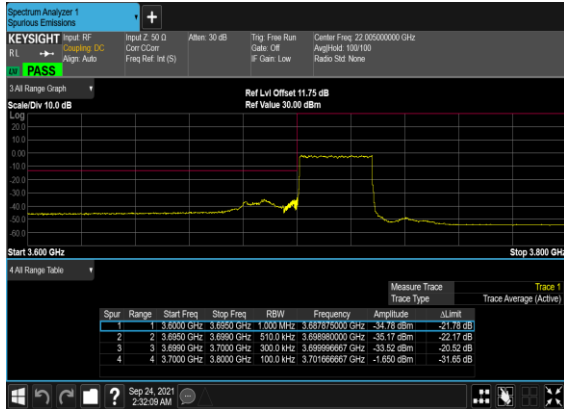
B41_N77(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



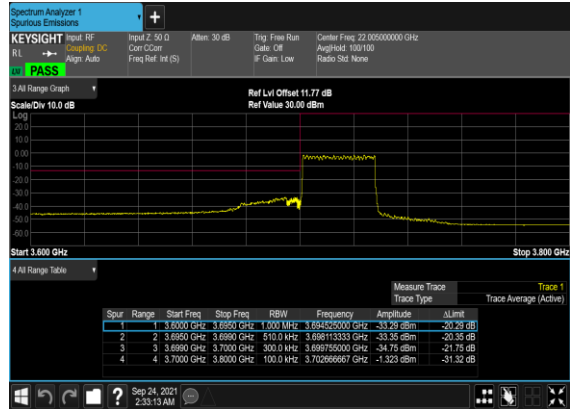
B41_N77(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



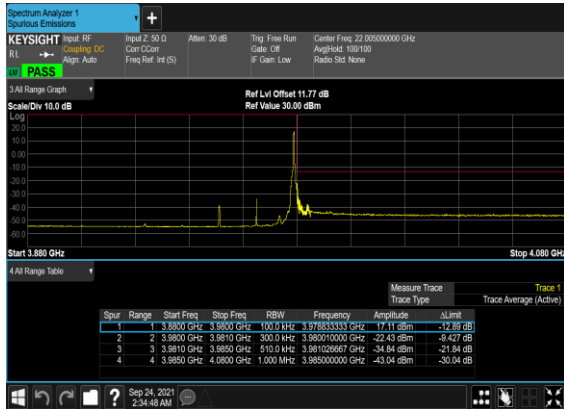
B41_N77(30M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



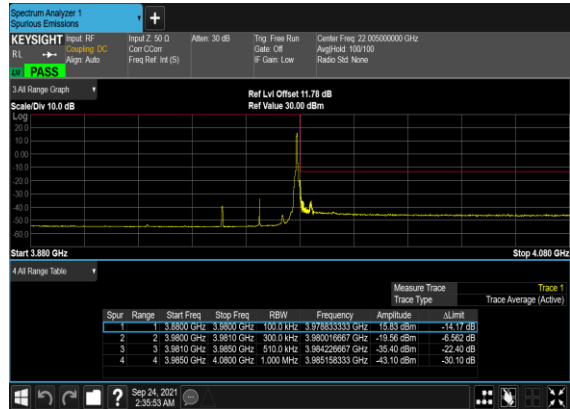
B41_N77(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B41_N77(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



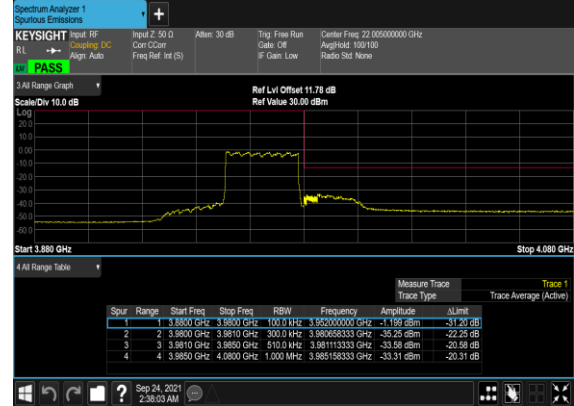
B41_N77(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



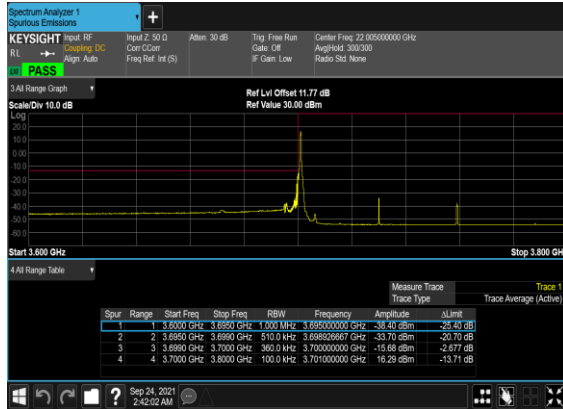
B41_N77(30M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



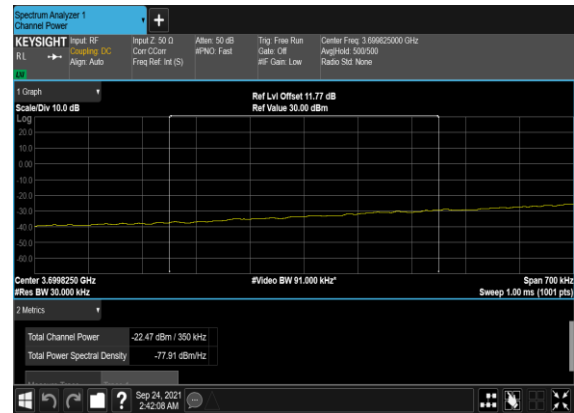
B41_N77(30M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



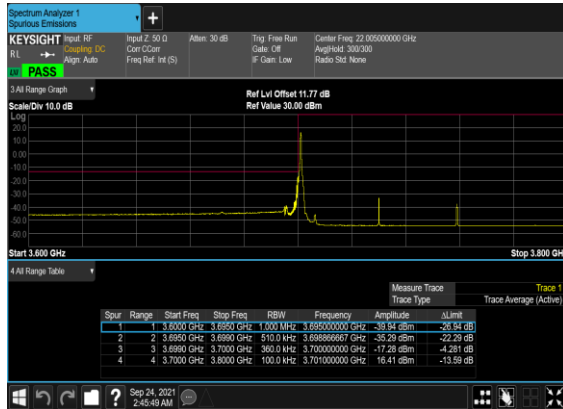
B41_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



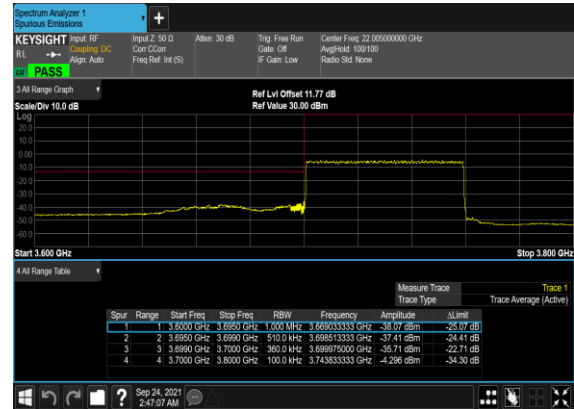
B41_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



B41_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



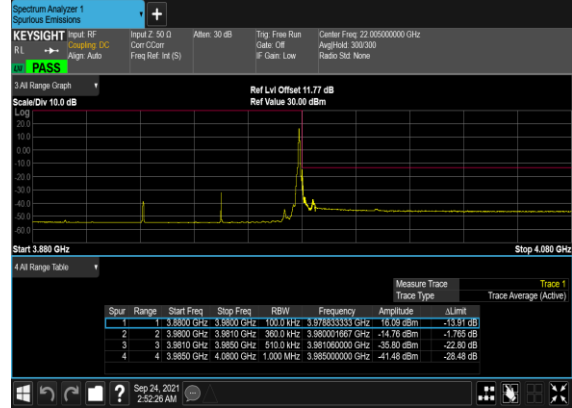
B41_N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



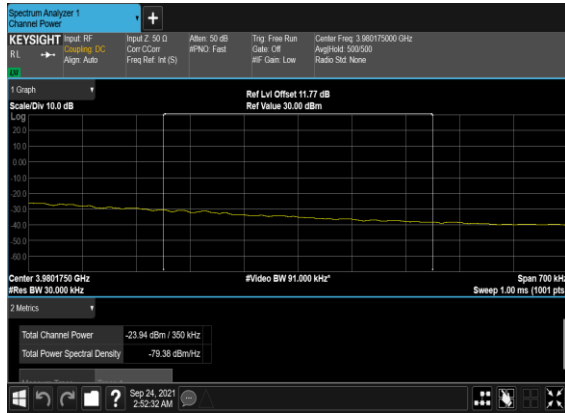
B41_N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B41_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



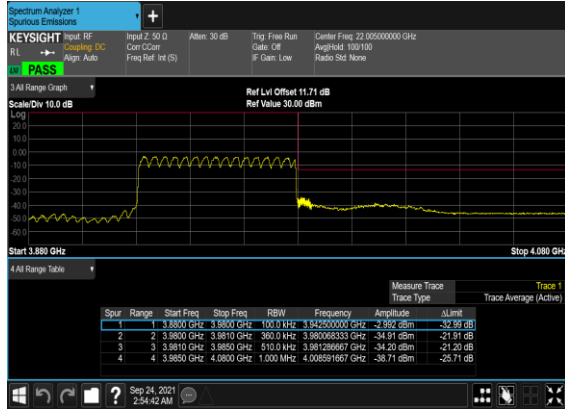
B41_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP
_PASS



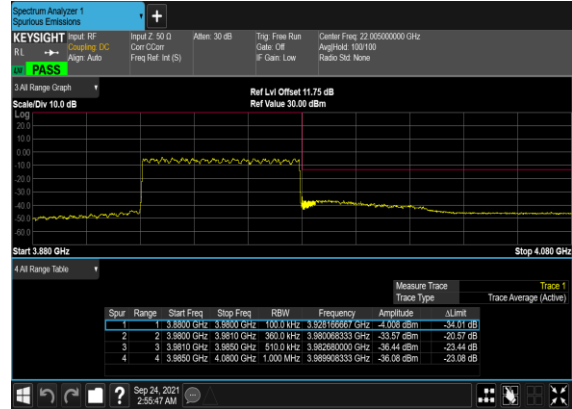
B41_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B41_N77(60M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



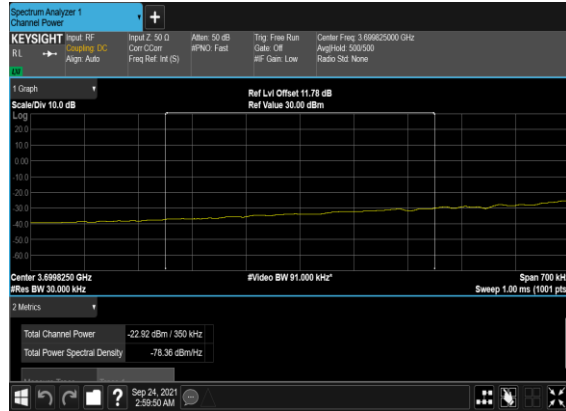
B41_N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



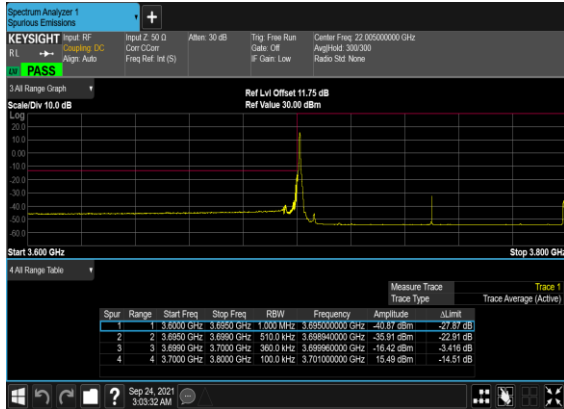
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



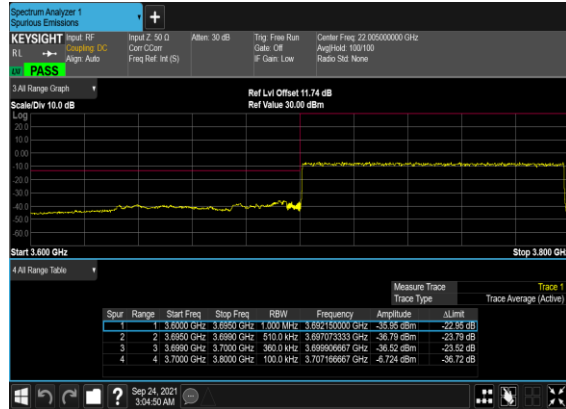
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



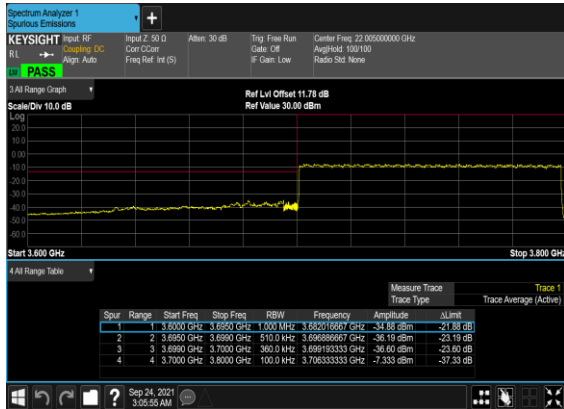
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



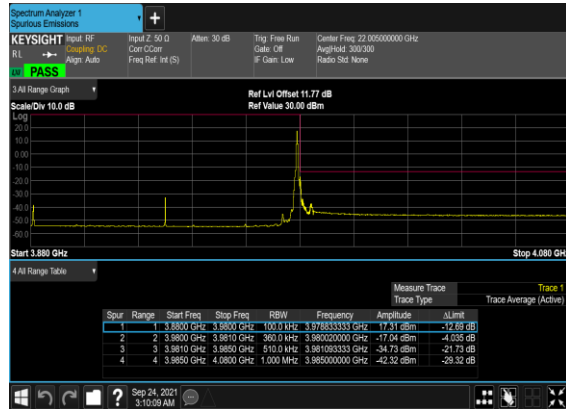
B41_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



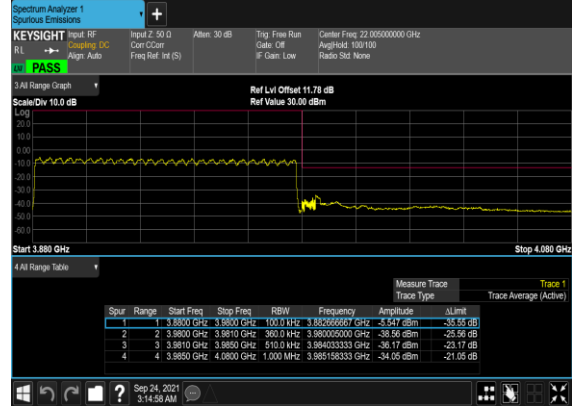
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



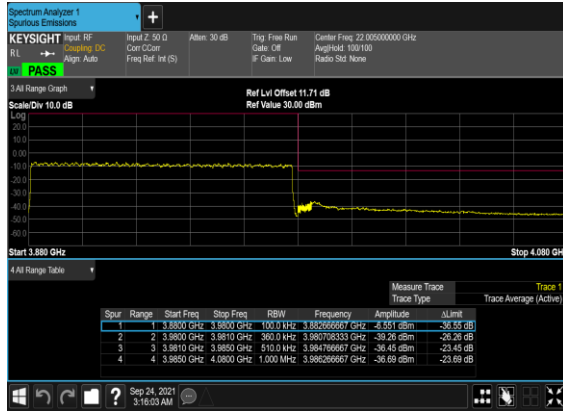
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B41_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N78

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

NR	SCS	Bandwidth	Arfcn	Freq	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
Band	(kHz)	(MHz)		(MHz)					
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	25.54	22.24	0.1675
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.63	22.33	0.1710
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	25.54	22.24	0.1675
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	25.61	22.31	0.1702
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.68	22.38	0.1730
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	25.58	22.28	0.1690
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	24.69	21.39	0.1377
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.76	21.46	0.1400
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	24.59	21.29	0.1346
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	23.15	19.85	0.0966
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	23.5	20.2	0.1047
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	23.35	20.05	0.1012
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	21.28	17.98	0.0628
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	21.34	18.04	0.0637
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	21.06	17.76	0.0597
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	24.16	20.86	0.1219
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.16	20.86	0.1219
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	24.05	20.75	0.1189
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	25.62	22.32	0.1706

78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.63	22.33	0.1710
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	25.5	22.2	0.1660
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	25.57	22.27	0.1687
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.64	22.34	0.1714
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	25.54	22.24	0.1675
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	24.65	21.35	0.1365
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.71	21.41	0.1384
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	24.63	21.33	0.1358
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	23.09	19.79	0.0953
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.26	19.96	0.0991
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	23.22	19.92	0.0982
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	21.19	17.89	0.0615
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.23	17.93	0.0621
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	21.24	17.94	0.0622
78	30	20	650000	3750	CP-OFDM QPSK	25@12	24.08	20.78	0.1197
78	30	20	650000	3750	CP-OFDM QPSK	1@1	24.14	20.84	0.1213
78	30	20	650000	3750	CP-OFDM QPSK	1@49	24.07	20.77	0.1194
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	25.6	22.3	0.1698
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	25.63	22.33	0.1710
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	25.56	22.26	0.1683
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	25.53	22.23	0.1671
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.68	22.38	0.1730
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	25.56	22.26	0.1683

78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	24.65	21.35	0.1365
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.71	21.41	0.1384
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	24.59	21.29	0.1346
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	23.11	19.81	0.0957
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	23.32	20.02	0.1005
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	23.31	20.01	0.1002
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	21.15	17.85	0.0610
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	21.25	17.95	0.0624
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	21.19	17.89	0.0615
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	24.12	20.82	0.1208
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	24.19	20.89	0.1227
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	24.12	20.82	0.1208
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	25.62	22.32	0.1706
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.71	22.41	0.1742
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	25.6	22.3	0.1698
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	25.67	22.37	0.1726
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.67	22.37	0.1726
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	25.67	22.37	0.1726
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	24.7	21.4	0.1380
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.81	21.51	0.1416
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	24.75	21.45	0.1396
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	23.22	19.92	0.0982
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	23.04	19.74	0.0942

78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	23.07	19.77	0.0948
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	21.19	17.89	0.0615
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	21.16	17.86	0.0611
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	21.23	17.93	0.0621
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	24.18	20.88	0.1225
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	24.13	20.83	0.1211
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	24.08	20.78	0.1197
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	36@18	25.62	22.32	0.1706
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.62	22.32	0.1706
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@76	25.71	22.41	0.1742
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	25.58	22.28	0.1690
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.67	22.37	0.1726
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	25.62	22.32	0.1706
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	24.62	21.32	0.1355
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.7	21.4	0.1380
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	24.81	21.51	0.1416
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	36@18	23.16	19.86	0.0968
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.08	19.78	0.0951
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@76	23.16	19.86	0.0968
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	36@18	21.24	17.94	0.0622
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.22	17.92	0.0619
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@76	21.33	18.03	0.0635
78	30	30	650000	3750	CP-OFDM QPSK	39@19	24.07	20.77	0.1194
78	30	30	650000	3750	CP-OFDM QPSK	1@1	24.18	20.88	0.1225

78	30	30	650000	3750	CP-OFDM QPSK	1@76	24.09	20.79	0.1199
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	36@18	25.67	22.37	0.1726
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	1@1	25.7	22.4	0.1738
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	1@76	25.66	22.36	0.1722
78	30	30	652332	3784.98	DFT-s- OFDM QPSK	36@18	25.7	22.4	0.1738
78	30	30	652332	3784.98	DFT-s- OFDM QPSK	1@1	25.74	22.44	0.1754
78	30	30	652332	3784.98	DFT-s- OFDM QPSK	1@76	25.7	22.4	0.1738
78	30	30	652332	3784.98	DFT-s- OFDM 16 QAM	36@18	24.7	21.4	0.1380
78	30	30	652332	3784.98	DFT-s- OFDM 16 QAM	1@1	24.84	21.54	0.1426
78	30	30	652332	3784.98	DFT-s- OFDM 16 QAM	1@76	24.86	21.56	0.1432
78	30	30	652332	3784.98	DFT-s- OFDM 64 QAM	36@18	23.25	19.95	0.0989
78	30	30	652332	3784.98	DFT-s- OFDM 64 QAM	1@1	23.15	19.85	0.0966
78	30	30	652332	3784.98	DFT-s- OFDM 64 QAM	1@76	23.25	19.95	0.0989
78	30	30	652332	3784.98	DFT-s- OFDM 256 QAM	36@18	21.18	17.88	0.0614
78	30	30	652332	3784.98	DFT-s- OFDM 256 QAM	1@1	21.35	18.05	0.0638
78	30	30	652332	3784.98	DFT-s- OFDM 256 QAM	1@76	21.27	17.97	0.0627
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	24.18	20.88	0.1225
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	24.26	20.96	0.1247
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	24.19	20.89	0.1227
78	30	40	648000	3720	DFT-s- OFDM PI/2 BPSK	50@25	25.7	22.4	0.1738
78	30	40	648000	3720	DFT-s- OFDM PI/2 BPSK	1@1	25.68	22.38	0.1730
78	30	40	648000	3720	DFT-s- OFDM PI/2 BPSK	1@104	25.68	22.38	0.1730
78	30	40	648000	3720	DFT-s- OFDM QPSK	50@25	25.67	22.37	0.1726
78	30	40	648000	3720	DFT-s- OFDM	1@1	25.75	22.45	0.1758

QPSK									
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	25.71	22.41	0.1742
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	24.68	21.38	0.1374
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.8	21.5	0.1413
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	24.74	21.44	0.1393
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	23.23	19.93	0.0984
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	23.54	20.24	0.1057
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	23.46	20.16	0.1038
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	21.29	17.99	0.0630
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	21.27	17.97	0.0627
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	21.22	17.92	0.0619
78	30	40	648000	3720	CP-OFDM QPSK	53@26	24.2	20.9	0.1230
78	30	40	648000	3720	CP-OFDM QPSK	1@1	24.21	20.91	0.1233
78	30	40	648000	3720	CP-OFDM QPSK	1@104	24.24	20.94	0.1242
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	25.72	22.42	0.1746
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.78	22.48	0.1770
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	25.79	22.49	0.1774
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	25.67	22.37	0.1726
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.78	22.48	0.1770
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	25.75	22.45	0.1758
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	24.65	21.35	0.1365
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.87	21.57	0.1435
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	24.83	21.53	0.1422
78	30	40	650000	3750	DFT-s-OFDM 64	50@25	23.22	19.92	0.0982

QAM									
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.52	20.22	0.1052
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	23.62	20.32	0.1076
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	21.24	17.94	0.0622
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.26	17.96	0.0625
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	21.37	18.07	0.0641
78	30	40	650000	3750	CP-OFDM QPSK	53@26	24.13	20.83	0.1211
78	30	40	650000	3750	CP-OFDM QPSK	1@1	24.27	20.97	0.1250
78	30	40	650000	3750	CP-OFDM QPSK	1@104	24.26	20.96	0.1247
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	25.71	22.41	0.1742
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	25.82	22.52	0.1786
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	25.85	22.55	0.1799
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	25.75	22.45	0.1758
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.77	22.47	0.1766
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	25.84	22.54	0.1795
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	24.78	21.48	0.1406
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.66	21.36	0.1368
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	24.74	21.44	0.1393
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	23.25	19.95	0.0989
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	23.63	20.33	0.1079
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	23.64	20.34	0.1081
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	21.3	18	0.0631
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	21.3	18	0.0631
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	21.38	18.08	0.0643

QAM									
78	30	40	652000	3780	CP-OFDM QPSK	53@26	24.23	20.93	0.1239
78	30	40	652000	3780	CP-OFDM QPSK	1@1	24.27	20.97	0.1250
78	30	40	652000	3780	CP-OFDM QPSK	1@104	24.32	21.02	0.1265
78	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	64@32	25.52	22.22	0.1667
78	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	1@1	25.56	22.26	0.1683
78	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	1@131	25.33	22.03	0.1596
78	30	50	648334	3725.01	DFT-s- OFDM QPSK	64@32	25.54	22.24	0.1675
78	30	50	648334	3725.01	DFT-s- OFDM QPSK	1@1	25.58	22.28	0.1690
78	30	50	648334	3725.01	DFT-s- OFDM QPSK	1@131	25.37	22.07	0.1611
78	30	50	648334	3725.01	DFT-s- OFDM 16 QAM	64@32	24.56	21.26	0.1337
78	30	50	648334	3725.01	DFT-s- OFDM 16 QAM	1@1	24.41	21.11	0.1291
78	30	50	648334	3725.01	DFT-s- OFDM 16 QAM	1@131	24.44	21.14	0.1300
78	30	50	648334	3725.01	DFT-s- OFDM 64 QAM	64@32	23.1	19.8	0.0955
78	30	50	648334	3725.01	DFT-s- OFDM 64 QAM	1@1	22.91	19.61	0.0914
78	30	50	648334	3725.01	DFT-s- OFDM 64 QAM	1@131	22.81	19.51	0.0893
78	30	50	648334	3725.01	DFT-s- OFDM 256 QAM	64@32	21.06	17.76	0.0597
78	30	50	648334	3725.01	DFT-s- OFDM 256 QAM	1@1	21.04	17.74	0.0594
78	30	50	648334	3725.01	DFT-s- OFDM 256 QAM	1@131	20.84	17.54	0.0568
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	24.06	20.76	0.1191
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	24.11	20.81	0.1205
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	24.03	20.73	0.1183
78	30	50	650000	3750	DFT-s- OFDM PI/2 BPSK	64@32	25.6	22.3	0.1698
78	30	50	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	25.52	22.22	0.1667

78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	25.51	22.21	0.1663
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	25.56	22.26	0.1683
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.5	22.2	0.1660
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	25.61	22.31	0.1702
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	24.52	21.22	0.1324
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.5	21.2	0.1318
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	24.61	21.31	0.1352
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	23.08	19.78	0.0951
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.95	19.65	0.0923
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	22.97	19.67	0.0927
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	21.16	17.86	0.0611
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.09	17.79	0.0601
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	21.11	17.81	0.0604
78	30	50	650000	3750	CP-OFDM QPSK	67@33	24.09	20.79	0.1199
78	30	50	650000	3750	CP-OFDM QPSK	1@1	24.08	20.78	0.1197
78	30	50	650000	3750	CP-OFDM QPSK	1@131	24.1	20.8	0.1202
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	25.59	22.29	0.1694
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.5	22.2	0.1660
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	25.54	22.24	0.1675
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	25.59	22.29	0.1694
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.54	22.24	0.1675
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	25.5	22.2	0.1660
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	24.58	21.28	0.1343

78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.51	21.21	0.1321
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	24.37	21.07	0.1279
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	23.08	19.78	0.0951
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	23.03	19.73	0.0940
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	23.18	19.88	0.0973
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	21.21	17.91	0.0618
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	21.11	17.81	0.0604
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	21.01	17.71	0.0590
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	24.11	20.81	0.1205
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	24.03	20.73	0.1183
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	24.01	20.71	0.1178
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	25.49	22.19	0.1656
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.46	22.16	0.1644
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	25.45	22.15	0.1641
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	25.54	22.24	0.1675
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.41	22.11	0.1626
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	25.52	22.22	0.1667
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	24.56	21.26	0.1337
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.59	21.29	0.1346
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	24.64	21.34	0.1361
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	23.1	19.8	0.0955
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	22.83	19.53	0.0897
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	22.89	19.59	0.0910

78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	21.23	17.93	0.0621
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	21.06	17.76	0.0597
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	21.05	17.75	0.0596
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	24	20.7	0.1175
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	23.96	20.66	0.1164
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	24.05	20.75	0.1189
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	25.51	22.21	0.1663
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.48	22.18	0.1652
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	25.64	22.34	0.1714
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	25.56	22.26	0.1683
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.51	22.21	0.1663
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	25.6	22.3	0.1698
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	24.56	21.26	0.1337
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.48	21.18	0.1312
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	24.84	21.54	0.1426
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	23.13	19.83	0.0962
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.93	19.63	0.0918
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	23.32	20.02	0.1005
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	21.2	17.9	0.0617
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.03	17.73	0.0593
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	21.15	17.85	0.0610
78	30	60	650000	3750	CP-OFDM QPSK	81@40	24.09	20.79	0.1199
78	30	60	650000	3750	CP-OFDM QPSK	1@1	24.08	20.78	0.1197
78	30	60	650000	3750	CP-OFDM QPSK	1@160	24.1	20.8	0.1202

78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	25.67	22.37	0.1726
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	25.42	22.12	0.1629
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	25.66	22.36	0.1722
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	25.57	22.27	0.1687
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.47	22.17	0.1648
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	25.62	22.32	0.1706
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	24.62	21.32	0.1355
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.5	21.2	0.1318
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	24.83	21.53	0.1422
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	23.13	19.83	0.0962
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	22.89	19.59	0.0910
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	23.39	20.09	0.1021
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	21.16	17.86	0.0611
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	20.95	17.65	0.0582
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	21.18	17.88	0.0614
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	24.08	20.78	0.1197
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	24.02	20.72	0.1180
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	24.21	20.91	0.1233
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	25.46	22.16	0.1644
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.37	22.07	0.1611
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	25.39	22.09	0.1618
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	25.46	22.16	0.1644
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.42	22.12	0.1629

78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	25.36	22.06	0.1607
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	24.46	21.16	0.1306
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.41	21.11	0.1291
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	24.37	21.07	0.1279
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	22.91	19.61	0.0914
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	22.72	19.42	0.0875
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	22.74	19.44	0.0879
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	21.04	17.74	0.0594
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	20.96	17.66	0.0583
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	20.92	17.62	0.0578
78	30	70	649000	3735	CP-OFDM QPSK	95@47	23.9	20.6	0.1148
78	30	70	649000	3735	CP-OFDM QPSK	1@1	23.97	20.67	0.1167
78	30	70	649000	3735	CP-OFDM QPSK	1@187	23.98	20.68	0.1169
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	25.46	22.16	0.1644
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.35	22.05	0.1603
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	25.31	22.01	0.1589
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	25.47	22.17	0.1648
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.37	22.07	0.1611
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	25.37	22.07	0.1611
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	24.51	21.21	0.1321
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.16	20.86	0.1219
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	24.3	21	0.1259
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	22.97	19.67	0.0927

78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.86	19.56	0.0904
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	22.94	19.64	0.0920
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	21.19	17.89	0.0615
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.99	17.69	0.0587
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	20.92	17.62	0.0578
78	30	70	650000	3750	CP-OFDM QPSK	95@47	23.95	20.65	0.1161
78	30	70	650000	3750	CP-OFDM QPSK	1@1	23.91	20.61	0.1151
78	30	70	650000	3750	CP-OFDM QPSK	1@187	23.96	20.66	0.1164
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	25.55	22.25	0.1679
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.43	22.13	0.1633
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	25.41	22.11	0.1626
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	25.49	22.19	0.1656
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.51	22.21	0.1663
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	25.4	22.1	0.1622
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	24.52	21.22	0.1324
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.64	21.34	0.1361
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	24.52	21.22	0.1324
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	23.02	19.72	0.0938
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	22.74	19.44	0.0879
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	22.88	19.58	0.0908
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	21.01	17.71	0.0590
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	21.06	17.76	0.0597
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	20.97	17.67	0.0585

78	30	70	651000	3765	CP-OFDM QPSK	95@47	23.99	20.69	0.1172
78	30	70	651000	3765	CP-OFDM QPSK	1@1	23.94	20.64	0.1159
78	30	70	651000	3765	CP-OFDM QPSK	1@187	24.01	20.71	0.1178
78	30	80	649334	3740.01	DFT-s- OFDM PI/2 BPSK	108@54	25.52	22.22	0.1667
78	30	80	649334	3740.01	DFT-s- OFDM PI/2 BPSK	1@1	25.33	22.03	0.1596
78	30	80	649334	3740.01	DFT-s- OFDM PI/2 BPSK	1@215	25.37	22.07	0.1611
78	30	80	649334	3740.01	DFT-s- OFDM QPSK	108@54	25.47	22.17	0.1648
78	30	80	649334	3740.01	DFT-s- OFDM QPSK	1@1	25.38	22.08	0.1614
78	30	80	649334	3740.01	DFT-s- OFDM QPSK	1@215	25.39	22.09	0.1618
78	30	80	649334	3740.01	DFT-s- OFDM 16 QAM	108@54	24.37	21.07	0.1279
78	30	80	649334	3740.01	DFT-s- OFDM 16 QAM	1@1	24.31	21.01	0.1262
78	30	80	649334	3740.01	DFT-s- OFDM 16 QAM	1@215	24.35	21.05	0.1274
78	30	80	649334	3740.01	DFT-s- OFDM 64 QAM	108@54	22.9	19.6	0.0912
78	30	80	649334	3740.01	DFT-s- OFDM 64 QAM	1@1	23.16	19.86	0.0968
78	30	80	649334	3740.01	DFT-s- OFDM 64 QAM	1@215	23.14	19.84	0.0964
78	30	80	649334	3740.01	DFT-s- OFDM 256 QAM	108@54	21.05	17.75	0.0596
78	30	80	649334	3740.01	DFT-s- OFDM 256 QAM	1@1	20.96	17.66	0.0583
78	30	80	649334	3740.01	DFT-s- OFDM 256 QAM	1@215	20.87	17.57	0.0571
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	23.86	20.56	0.1138
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	23.97	20.67	0.1167
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	23.93	20.63	0.1156
78	30	80	650000	3750	DFT-s- OFDM PI/2 BPSK	108@54	25.44	22.14	0.1637
78	30	80	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	25.31	22.01	0.1589
78	30	80	650000	3750	DFT-s- OFDM PI/2 BPSK	1@215	25.34	22.04	0.1600

78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	25.45	22.15	0.1641
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.34	22.04	0.1600
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	25.37	22.07	0.1611
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	24.41	21.11	0.1291
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.32	21.02	0.1265
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	24.31	21.01	0.1262
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	23.06	19.76	0.0946
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.13	19.83	0.0962
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	23.25	19.95	0.0989
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	21.17	17.87	0.0612
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.93	17.63	0.0579
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	20.98	17.68	0.0586
78	30	80	650000	3750	CP-OFDM QPSK	109@54	24.01	20.71	0.1178
78	30	80	650000	3750	CP-OFDM QPSK	1@1	23.93	20.63	0.1156
78	30	80	650000	3750	CP-OFDM QPSK	1@215	23.97	20.67	0.1167
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	25.49	22.19	0.1656
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25.32	22.02	0.1592
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	25.39	22.09	0.1618
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	25.51	22.21	0.1663
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.33	22.03	0.1596
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	25.42	22.12	0.1629
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	24.49	21.19	0.1315
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.37	21.07	0.1279

78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	24.48	21.18	0.1312
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	23.01	19.71	0.0935
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	22.98	19.68	0.0929
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	23.03	19.73	0.0940
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	21	17.7	0.0589
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	20.97	17.67	0.0585
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	20.98	17.68	0.0586
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	23.97	20.67	0.1167
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	23.91	20.61	0.1151
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	23.9	20.6	0.1148
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	25.5	22.2	0.1660
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.41	22.11	0.1626
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	25.45	22.15	0.1641
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	25.45	22.15	0.1641
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.4	22.1	0.1622
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	25.49	22.19	0.1656
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	24.43	21.13	0.1297
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.5	21.2	0.1318
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	24.53	21.23	0.1327
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	22.99	19.69	0.0931
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	23.05	19.75	0.0944
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	23.06	19.76	0.0946
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	20.92	17.62	0.0578

78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	20.96	17.66	0.0583
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	20.99	17.69	0.0587
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	23.94	20.64	0.1159
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	23.93	20.63	0.1156
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	23.96	20.66	0.1164
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	25.5	22.2	0.1660
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.39	22.09	0.1618
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	25.41	22.11	0.1626
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	25.48	22.18	0.1652
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.36	22.06	0.1607
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	25.45	22.15	0.1641
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	24.45	21.15	0.1303
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.44	21.14	0.1300
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	24.48	21.18	0.1312
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	22.97	19.67	0.0927
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.08	19.78	0.0951
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	23.12	19.82	0.0959
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	20.87	17.57	0.0571
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.92	17.62	0.0578
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	20.96	17.66	0.0583
78	30	90	650000	3750	CP-OFDM QPSK	123@61	23.93	20.63	0.1156
78	30	90	650000	3750	CP-OFDM QPSK	1@1	23.93	20.63	0.1156
78	30	90	650000	3750	CP-OFDM QPSK	1@243	24	20.7	0.1175
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	25.47	22.17	0.1648

78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	25.32	22.02	0.1592
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	25.41	22.11	0.1626
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	25.5	22.2	0.1660
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.32	22.02	0.1592
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	25.44	22.14	0.1637
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	24.53	21.23	0.1327
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.2	20.9	0.1230
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	24.56	21.26	0.1337
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	22.99	19.69	0.0931
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	22.92	19.62	0.0916
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	23.13	19.83	0.0962
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	20.95	17.65	0.0582
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	20.94	17.64	0.0581
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	21.03	17.73	0.0593
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	23.89	20.59	0.1146
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	23.86	20.56	0.1138
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	24	20.7	0.1175
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.21	21.91	0.1552
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.1	21.8	0.1514
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.18	21.88	0.1542
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.15	21.85	0.1531
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.15	21.85	0.1531
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.28	21.98	0.1578

78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.2	20.9	0.1230
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.11	20.81	0.1205
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.39	21.09	0.1285
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.82	19.52	0.0895
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.56	19.26	0.0843
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.69	19.39	0.0869
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.81	17.51	0.0564
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.6	17.3	0.0537
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.8	17.5	0.0562
78	30	100	650000	3750	CP-OFDM QPSK	137@68	23.72	20.42	0.1102
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.67	20.37	0.1089
78	30	100	650000	3750	CP-OFDM QPSK	1@271	23.78	20.48	0.1117

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00389	PASS	NV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00523	PASS	LV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00693	PASS	HV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00351	PASS	-30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00543	PASS	-20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00535	PASS	-10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00432	PASS	0°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00357	PASS	10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00315	PASS	20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00156	PASS	30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00357	PASS	40°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00456	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	9.63	13	PASS
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	8.13	13	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.02	13	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	8.36	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	50@0	7.08	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@0	7.71	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	8.11	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	8.56	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	50@0	6.92	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@0	8.39	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	8.06	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	9.03	13	PASS

B5_N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



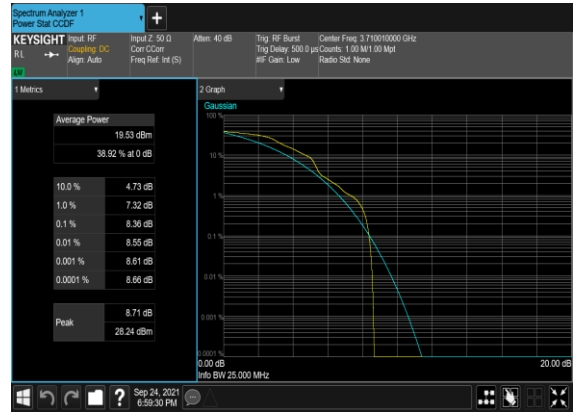
B5_N78(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



B5_N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



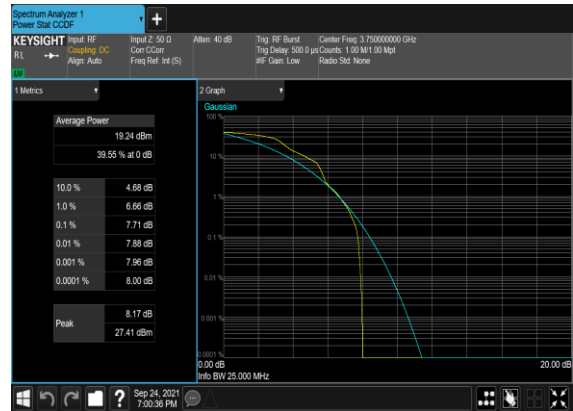
B5_N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



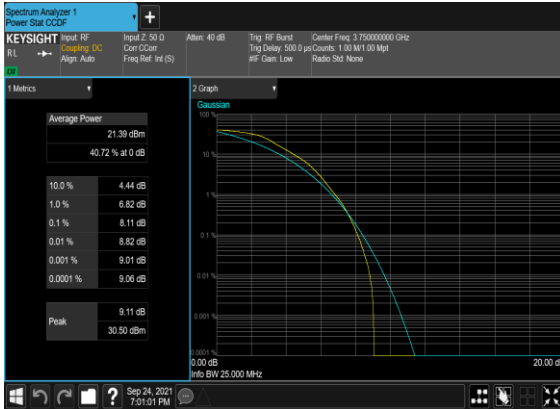
B5_N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



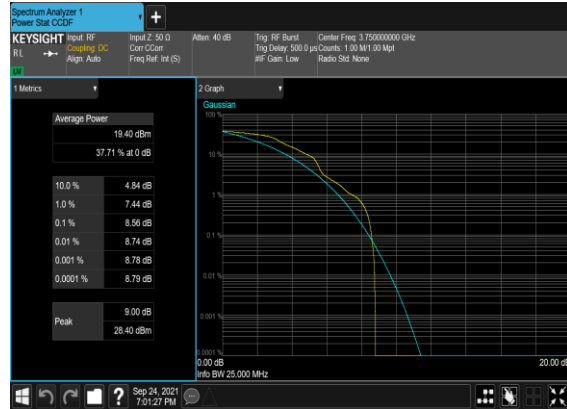
B5_N78(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



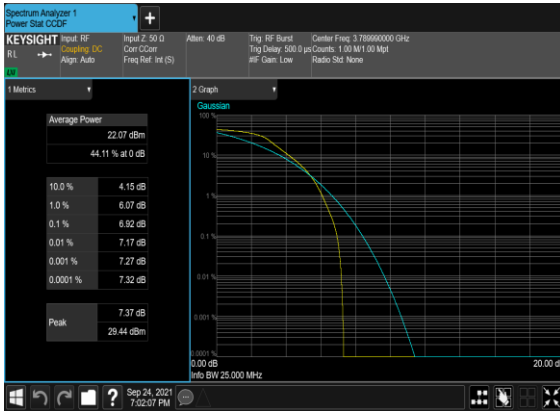
B5_N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B5_N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



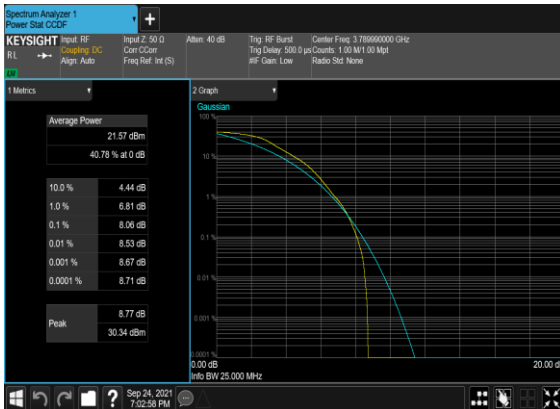
B5_N78(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



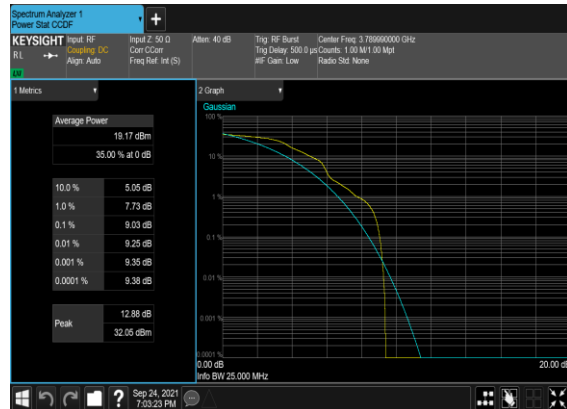
B5_N78(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B5_N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B5_N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



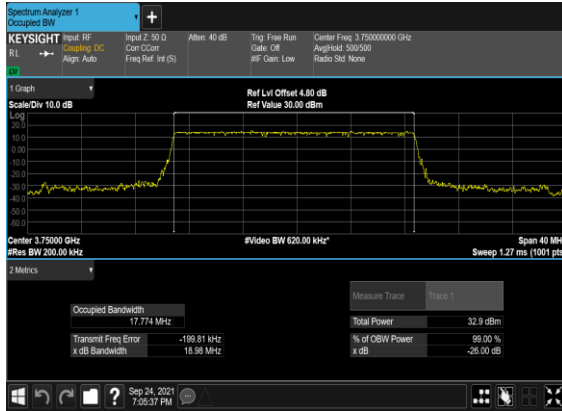
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	50@0	17.774	18.98
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	17.786	18.71
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	18.208	19.37
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	18.18	19.52
78	30	20	650000	3750.0	CP-OFDM 64 QAM	51@0	18.178	19.33
78	30	20	650000	3750.0	CP-OFDM 256 QAM	51@0	18.18	19.26
78	30	30	650000	3750.0	DFT-s-OFDM PI/2 BPSK	75@0	26.792	28.23
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	75@0	26.738	28.06
78	30	30	650000	3750.0	CP-OFDM QPSK	78@0	27.85	29.17
78	30	30	650000	3750.0	CP-OFDM 16 QAM	78@0	27.895	29.25
78	30	30	650000	3750.0	CP-OFDM 64 QAM	78@0	27.797	29.14
78	30	30	650000	3750.0	CP-OFDM 256 QAM	78@0	27.773	29.12
78	30	40	650000	3750.0	DFT-s-OFDM PI/2 BPSK	100@0	35.685	37.24
78	30	40	650000	3750.0	DFT-s-OFDM QPSK	100@0	35.733	37.41
78	30	40	650000	3750.0	CP-OFDM QPSK	106@0	37.807	39.56
78	30	40	650000	3750.0	CP-OFDM 16 QAM	106@0	37.714	39.36
78	30	40	650000	3750.0	CP-OFDM 64 QAM	106@0	37.805	39.45
78	30	40	650000	3750.0	CP-OFDM 256 QAM	106@0	37.918	39.54
78	30	50	650000	3750.0	DFT-s-OFDM PI/2 BPSK	128@0	45.747	47.62
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	128@0	45.79	47.47
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.392	49.42
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.422	49.11
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.459	49.19
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.527	49.21

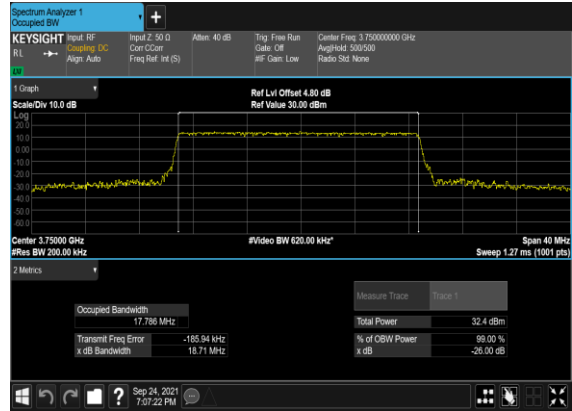
78	30	60	650000	3750.0	DFT-s-OFDM PI/2 BPSK	162@0	57.863	59.92
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	162@0	58.048	59.91
78	30	60	650000	3750.0	CP-OFDM QPSK	162@0	57.819	59.84
78	30	60	650000	3750.0	CP-OFDM 16 QAM	162@0	57.86	59.81
78	30	60	650000	3750.0	CP-OFDM 64 QAM	162@0	57.701	59.81
78	30	60	650000	3750.0	CP-OFDM 256 QAM	162@0	57.726	59.83
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	180@0	64.358	66.4
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	64.28	66.45
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.56	69.63
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.282	69.68
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.376	69.58
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.432	69.75
78	30	80	650000	3750.0	DFT-s-OFDM PI/2 BPSK	216@0	77.206	79.59
78	30	80	650000	3750.0	DFT-s-OFDM QPSK	216@0	77.164	79.72
78	30	80	650000	3750.0	CP-OFDM QPSK	217@0	77.441	80.12
78	30	80	650000	3750.0	CP-OFDM 16 QAM	217@0	77.502	80.06
78	30	80	650000	3750.0	CP-OFDM 64 QAM	217@0	77.557	80.07
78	30	80	650000	3750.0	CP-OFDM 256 QAM	217@0	77.386	80.11
78	30	90	650000	3750.0	DFT-s-OFDM PI/2 BPSK	240@0	85.883	88.7
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	240@0	85.696	88.66
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.354	90.38
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.309	90.24
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.487	90.32
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.499	90.19
78	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	270@0	96.501	99.57
78	30	100	650000	3750.0	DFT-s-OFDM	270@0	96.33	99.51

QPSK								
78	30	100	650000	3750.0	CP-OFDM QPSK	273@0	97.439	100.6
78	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	97.433	100.5
78	30	100	650000	3750.0	CP-OFDM 64 QAM	273@0	97.498	100.6
78	30	100	650000	3750.0	CP-OFDM 256 QAM	273@0	97.517	100.5

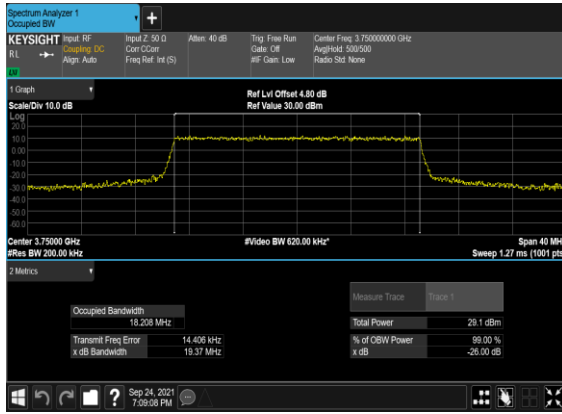
B5_N78(20M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B5_N78(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



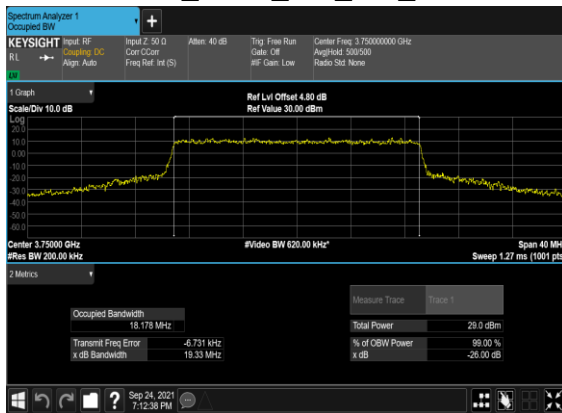
B5_N78(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



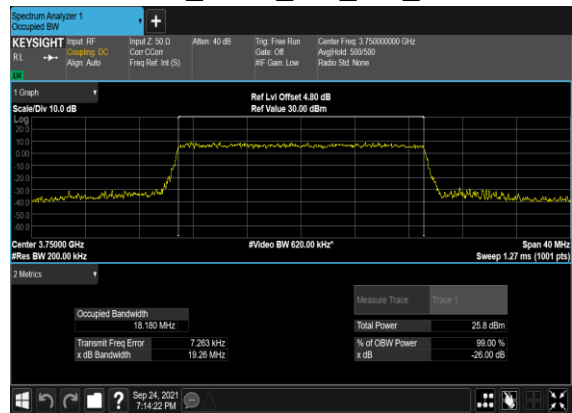
B5_N78(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



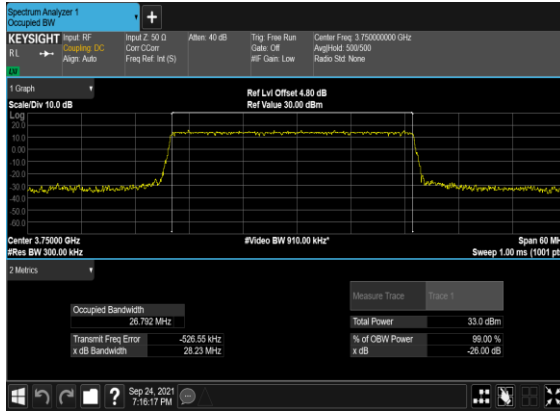
B5_N78(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



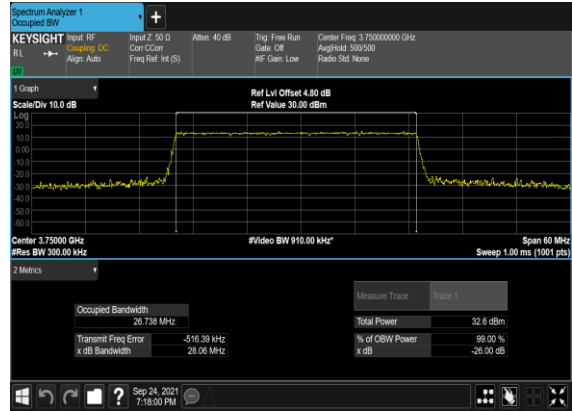
B5_N78(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



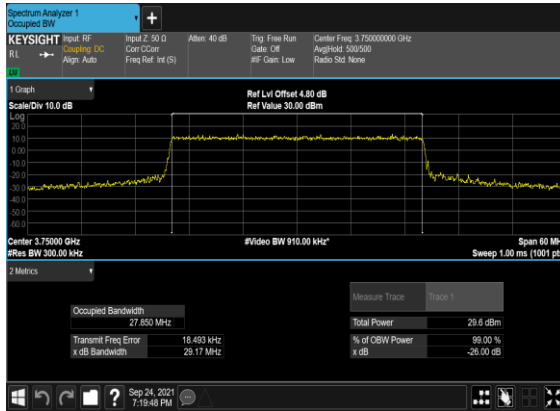
B5_N78(30M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B5_N78(30M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



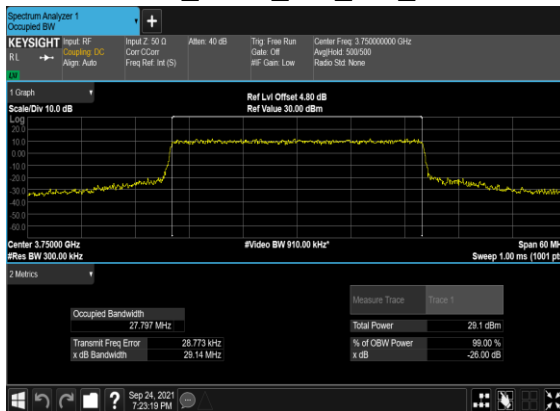
B5_N78(30M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



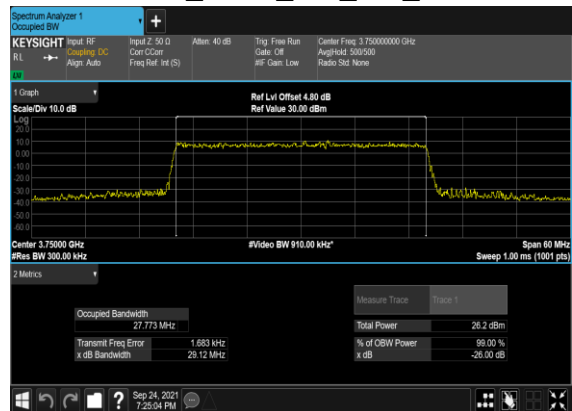
B5_N78(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



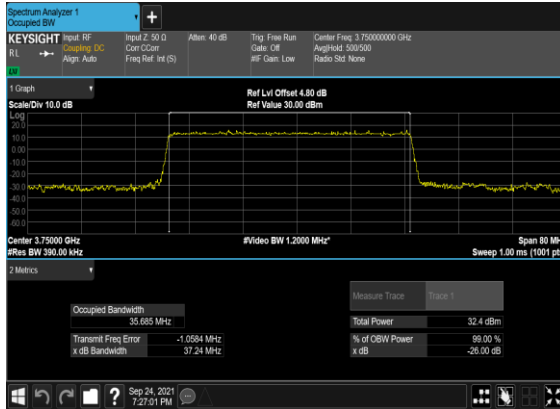
B5_N78(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B5_N78(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



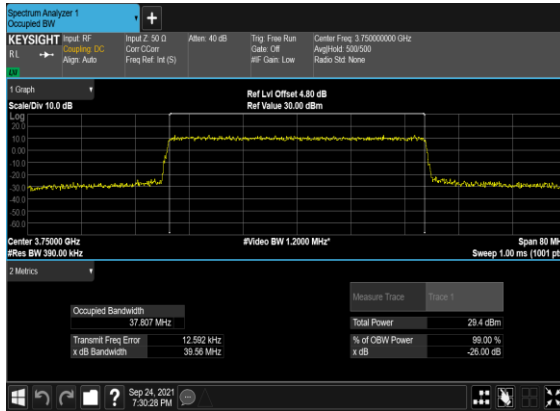
B5_N78(40M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



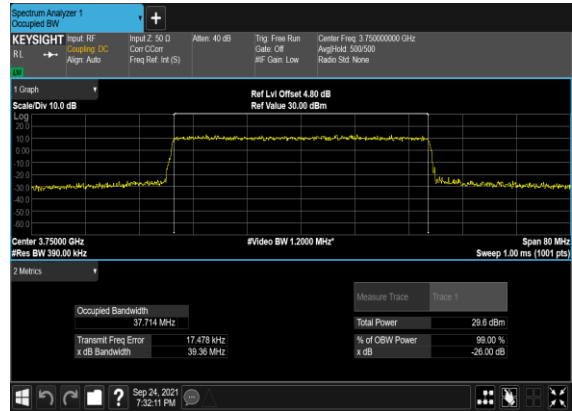
B5_N78(40M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



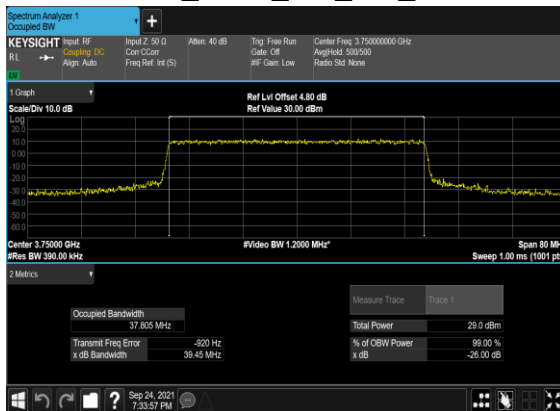
B5_N78(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



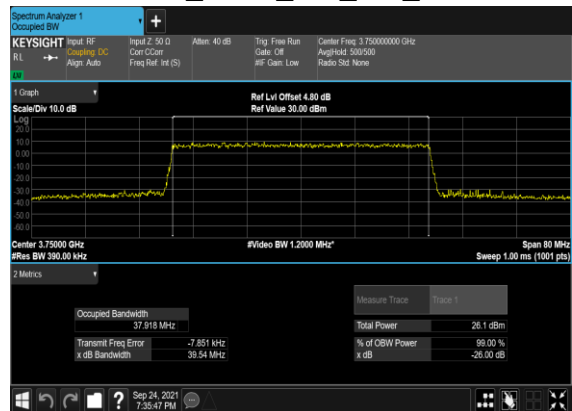
B5_N78(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



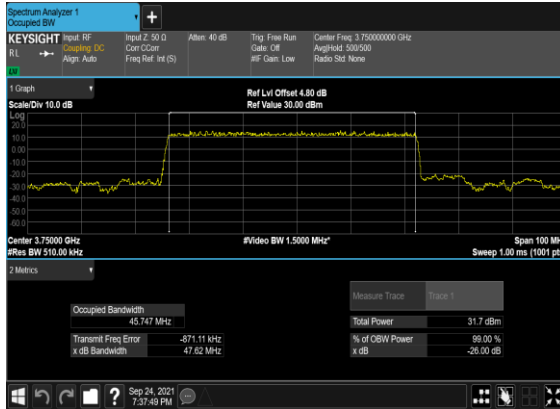
B5_N78(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



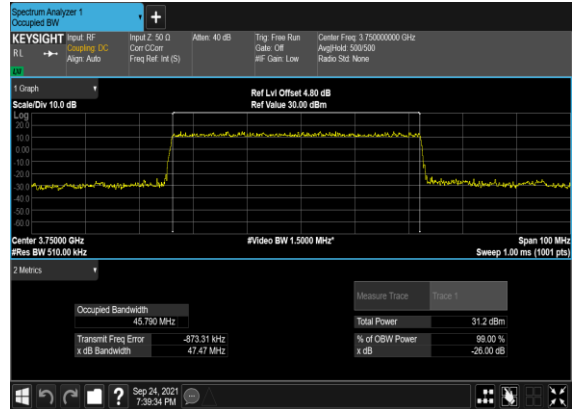
B5_N78(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



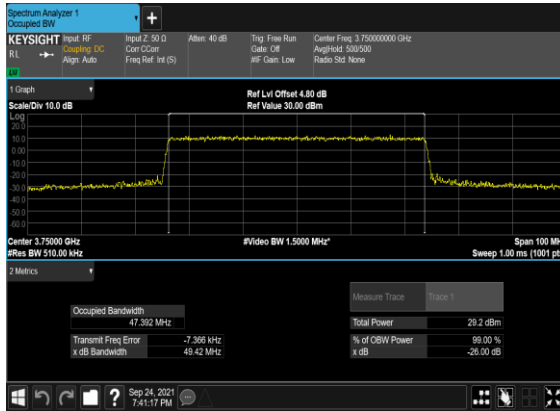
B5_N78(50M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



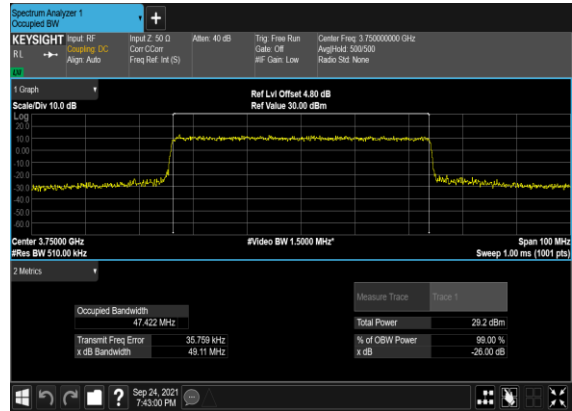
B5_N78(50M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



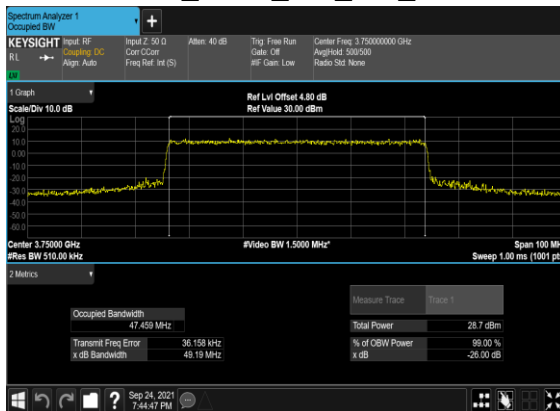
B5_N78(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



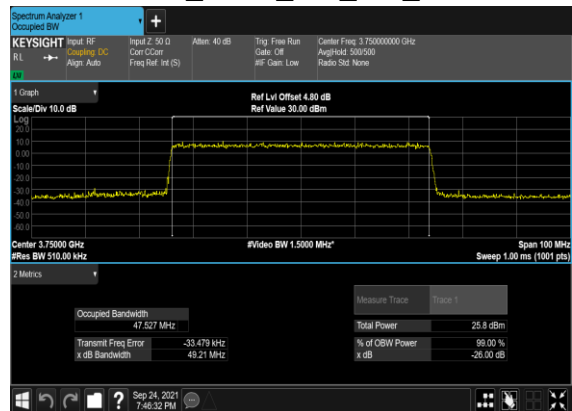
B5_N78(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



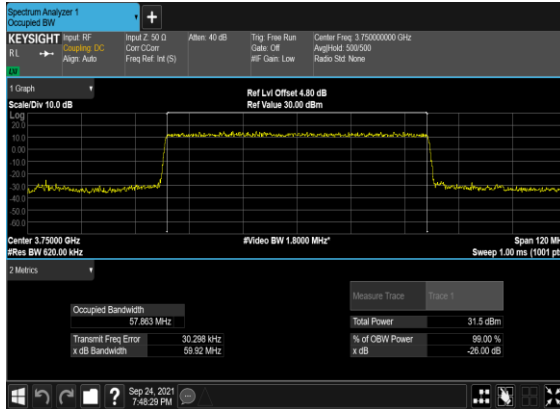
B5_N78(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



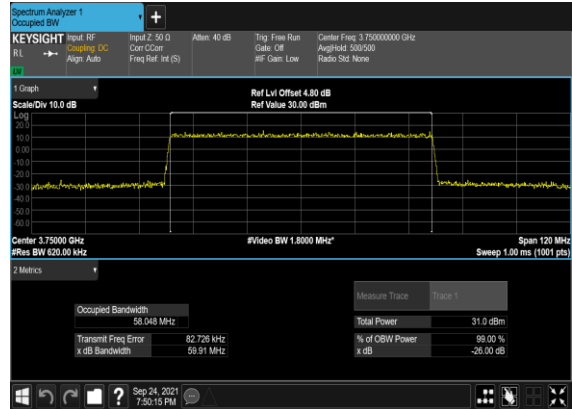
B5_N78(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



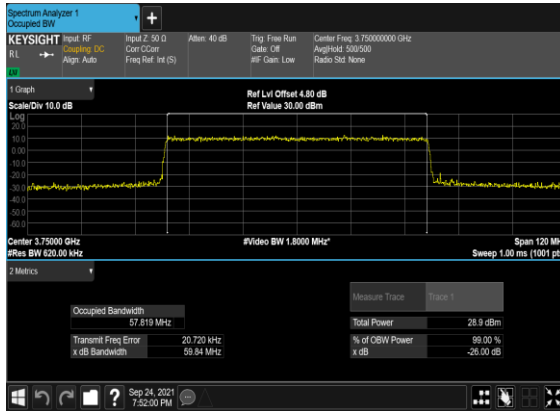
B5_N78(60M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B5_N78(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



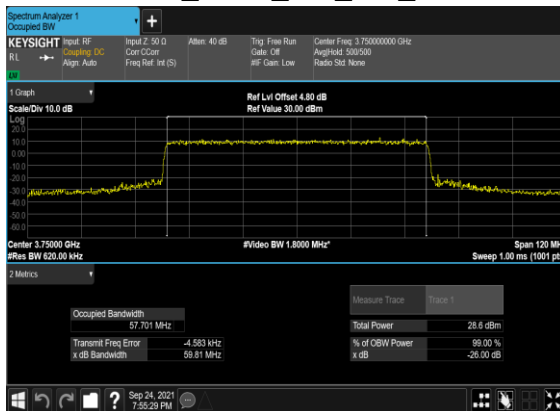
B5_N78(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



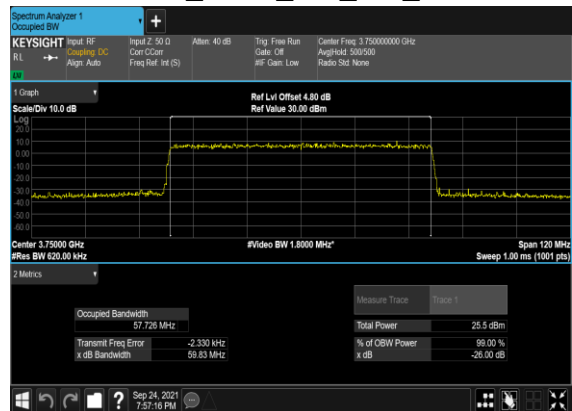
B5_N78(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



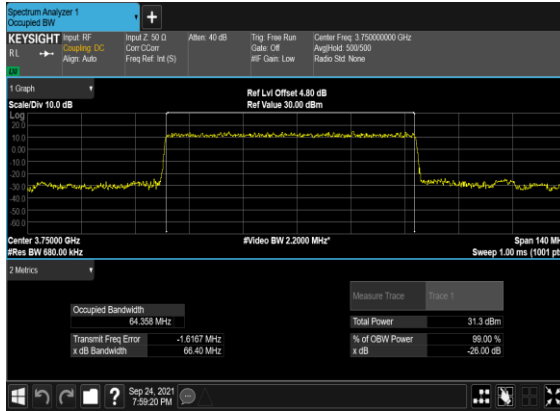
B5_N78(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



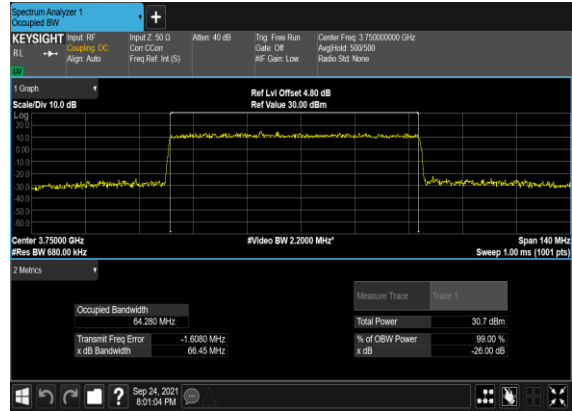
B5_N78(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B5_N78(70M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



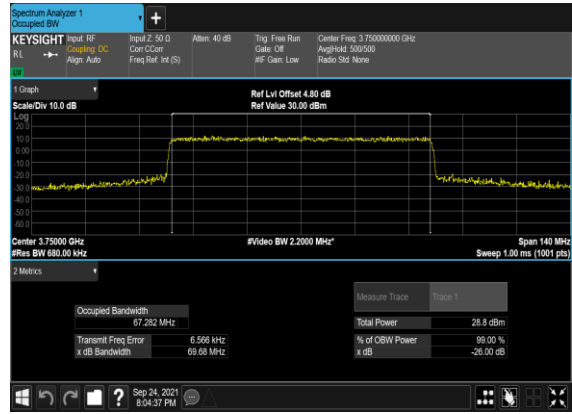
B5_N78(70M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



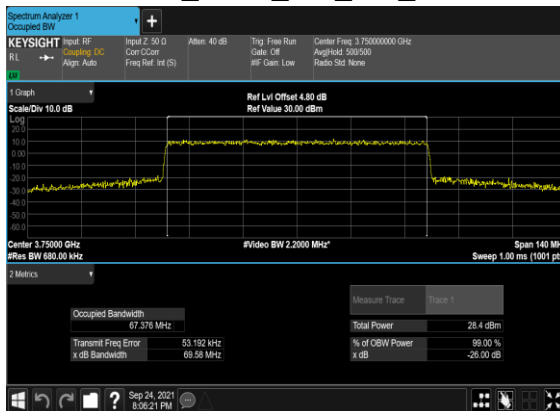
B5_N78(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



B5_N78(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B5_N78(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B5_N78(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

