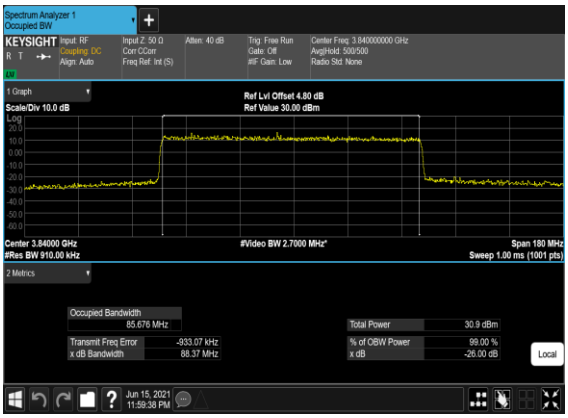
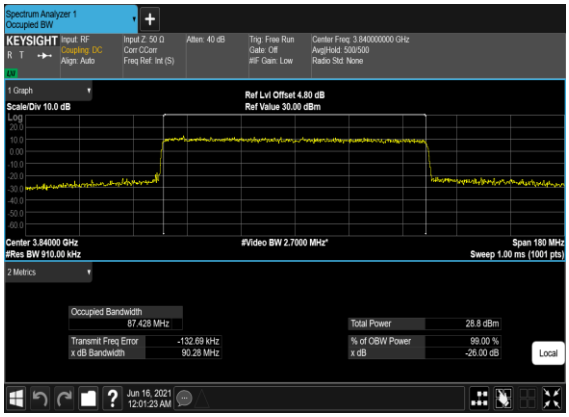
N77(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

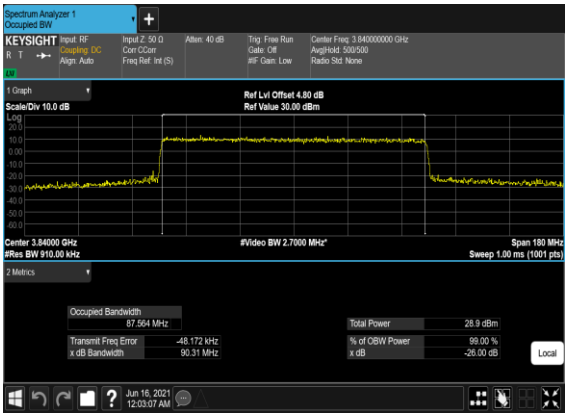
N77(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

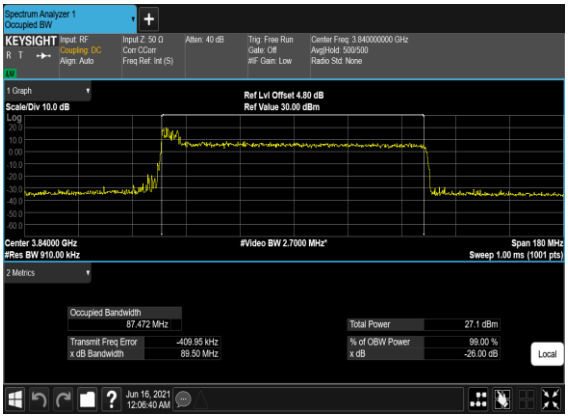


N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



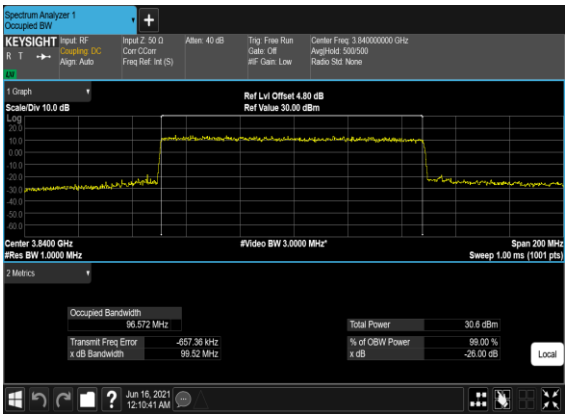
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

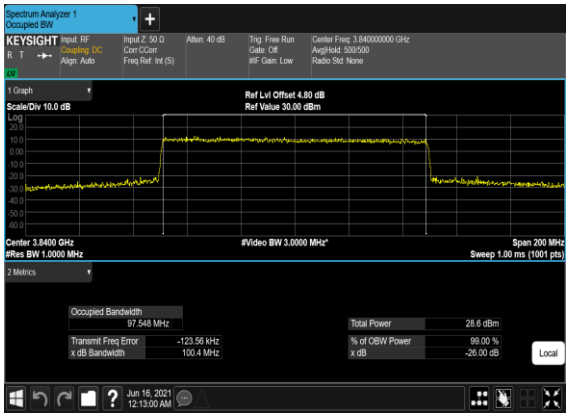


N77(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

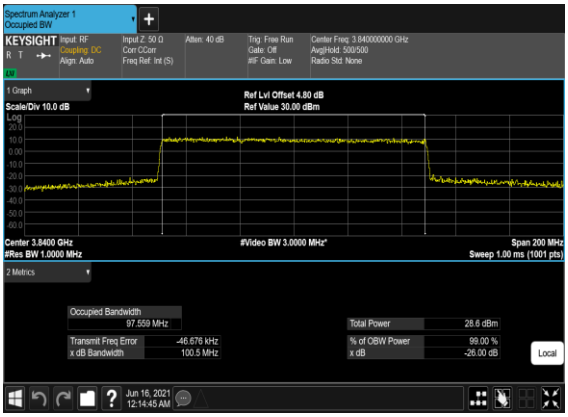
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



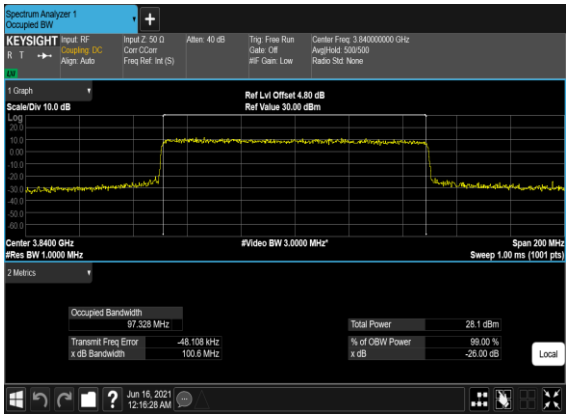
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



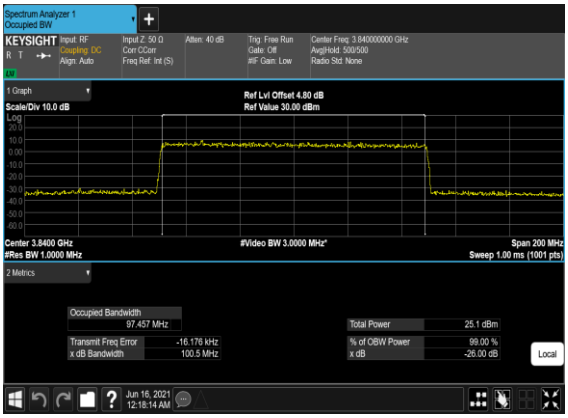
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



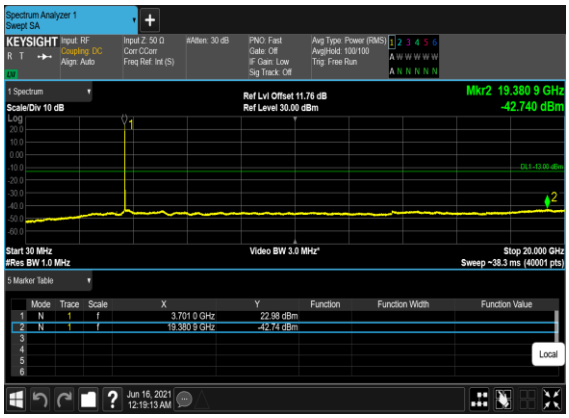
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@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	---

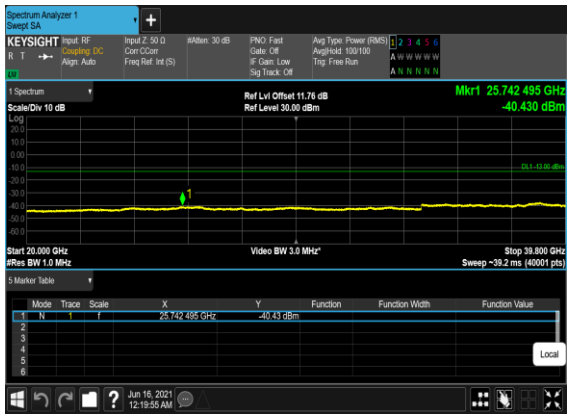
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@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	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---

77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

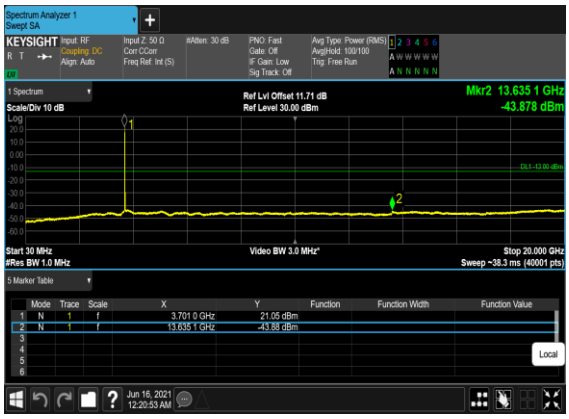
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



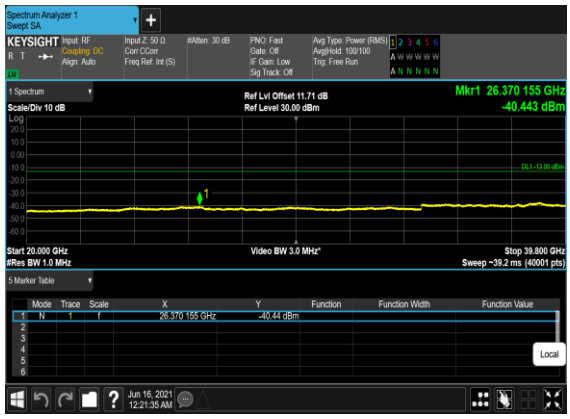
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



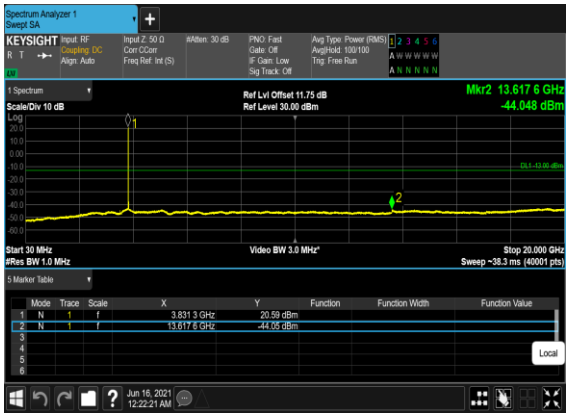
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



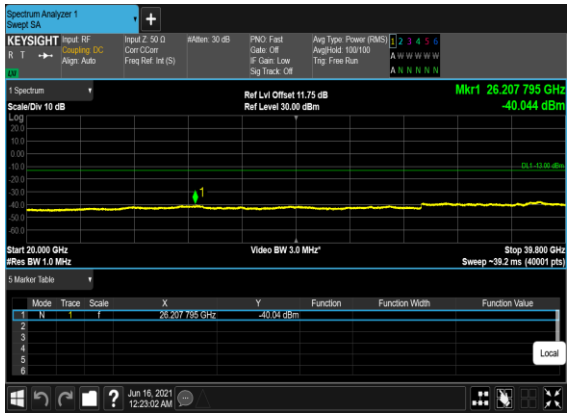
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



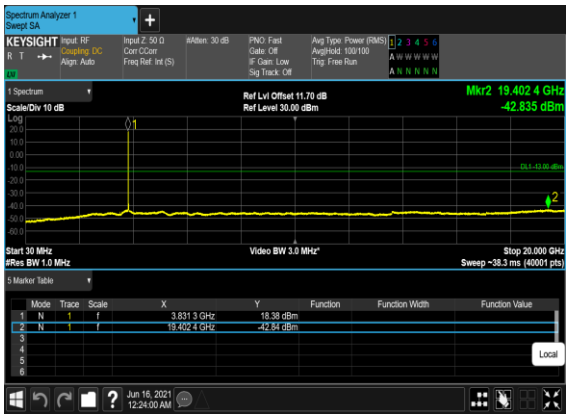
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



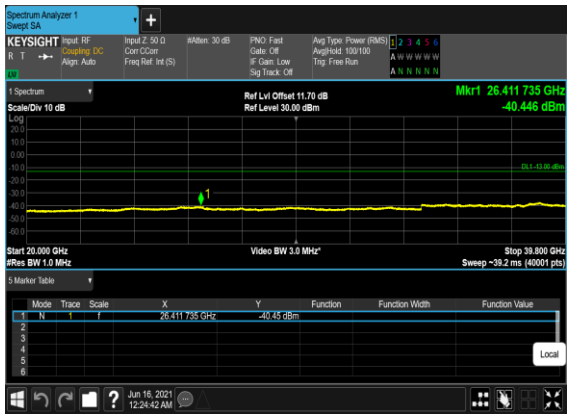
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



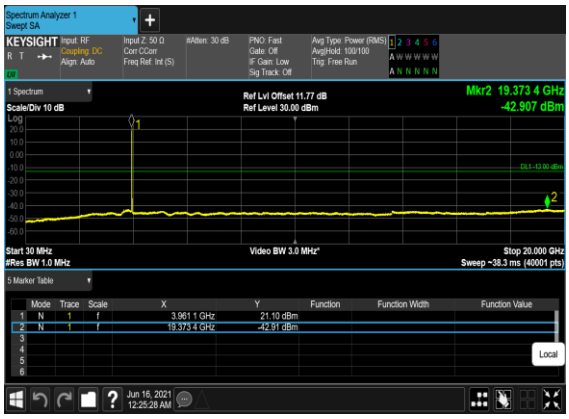
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



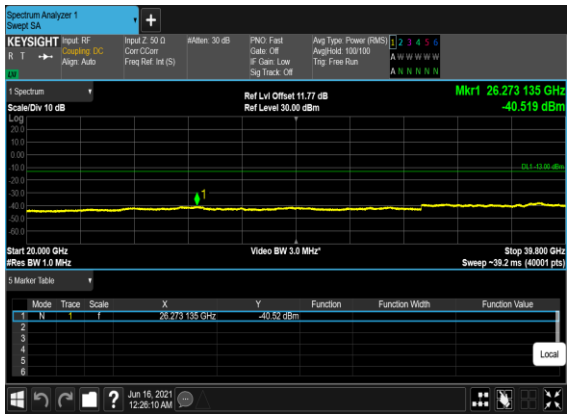
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



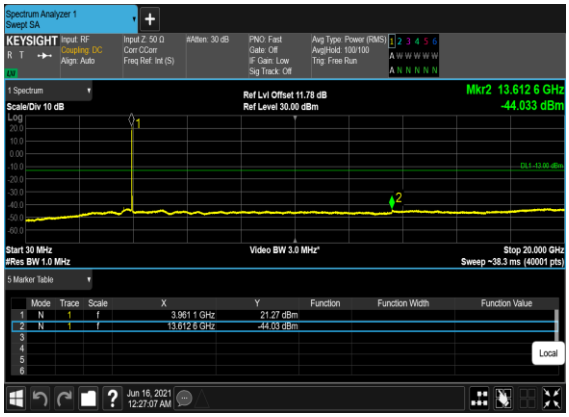
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



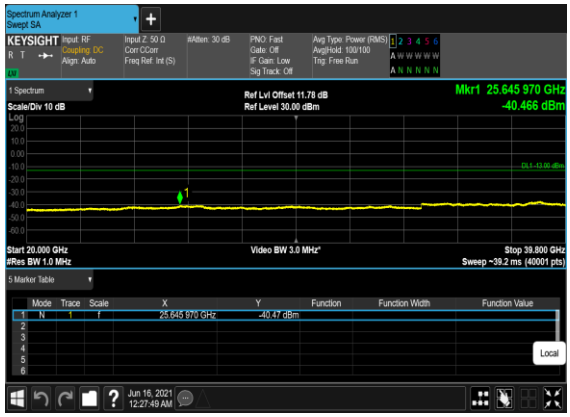
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



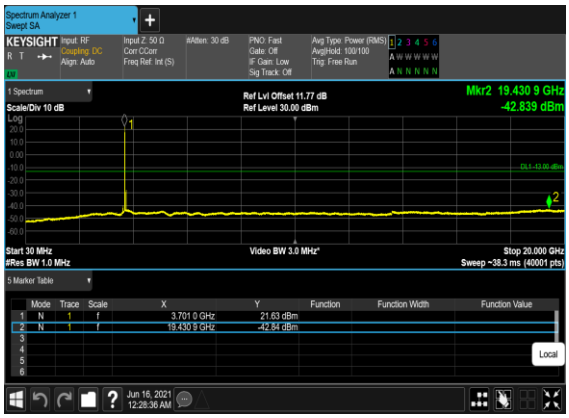
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



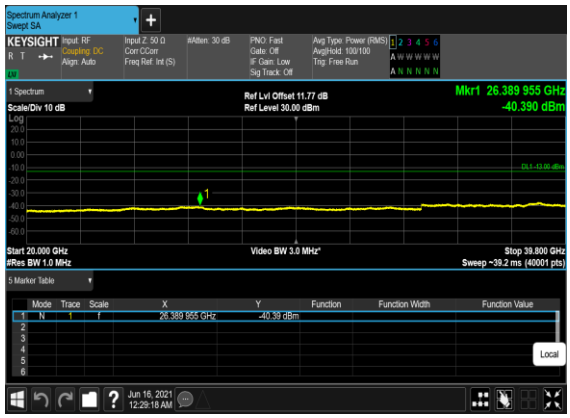
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



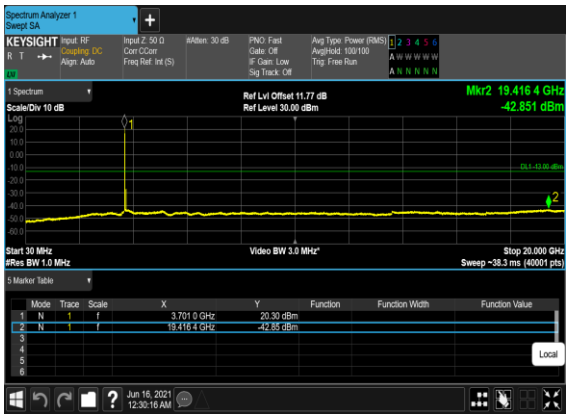
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



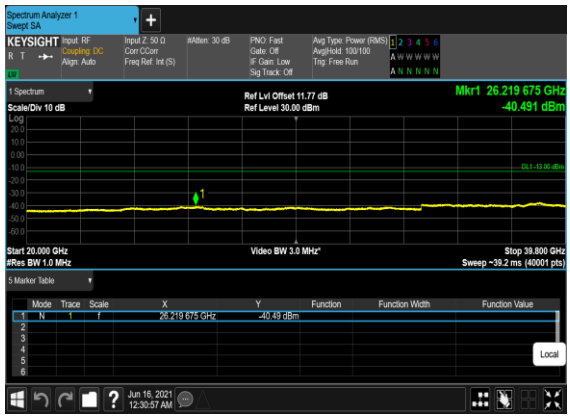
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



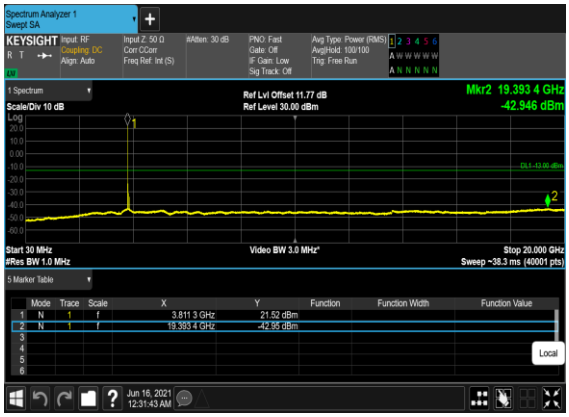
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



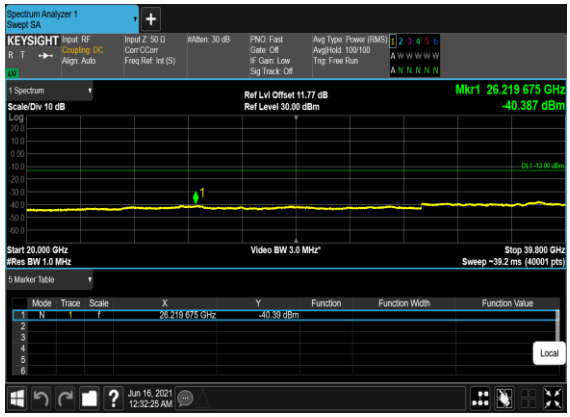
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



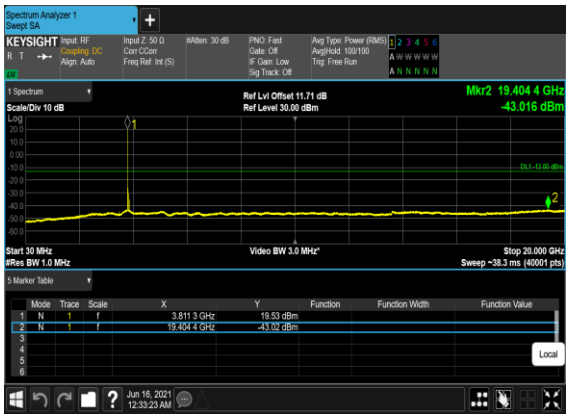
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



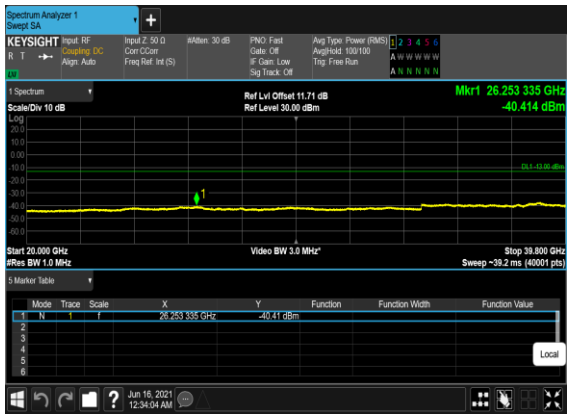
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



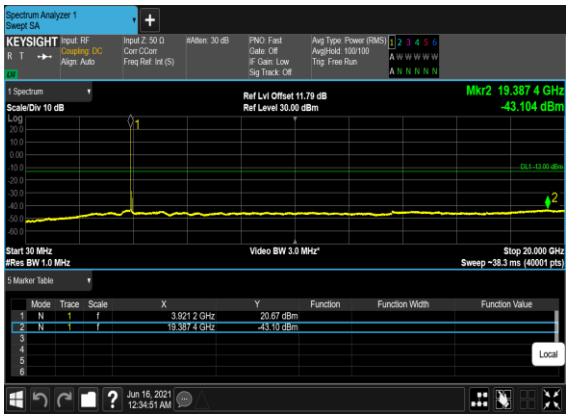
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



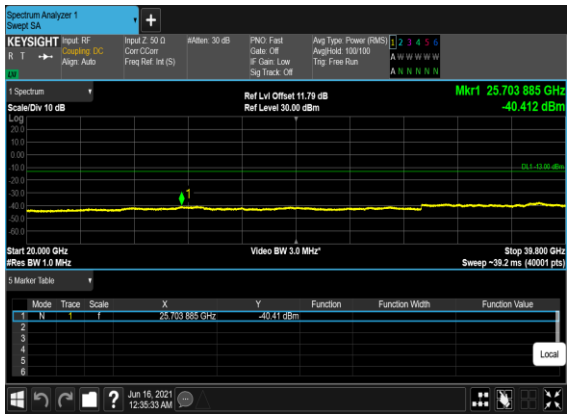
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



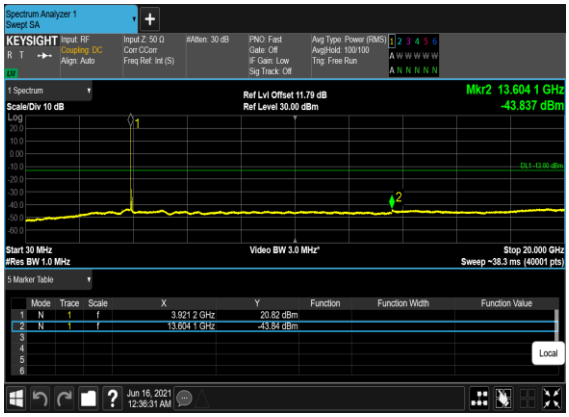
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



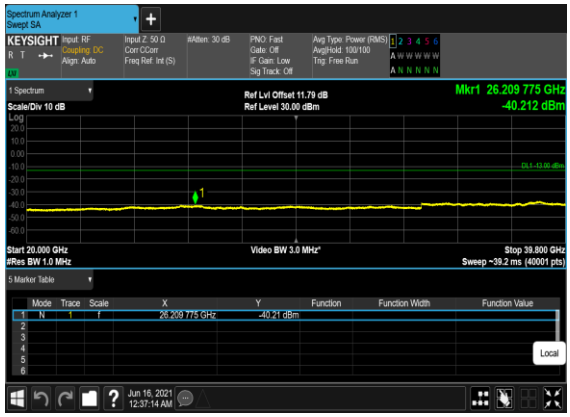
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



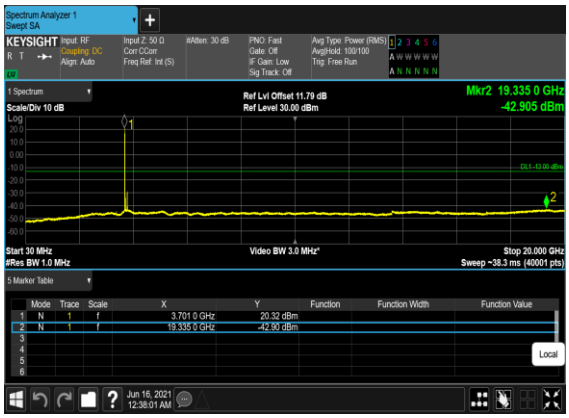
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



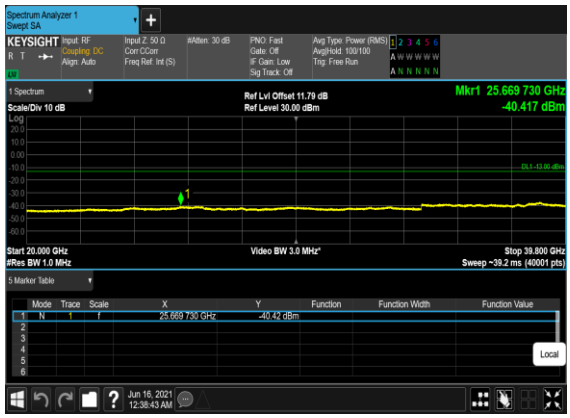
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



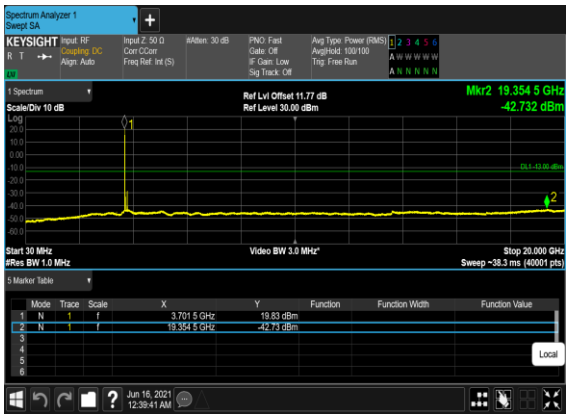
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



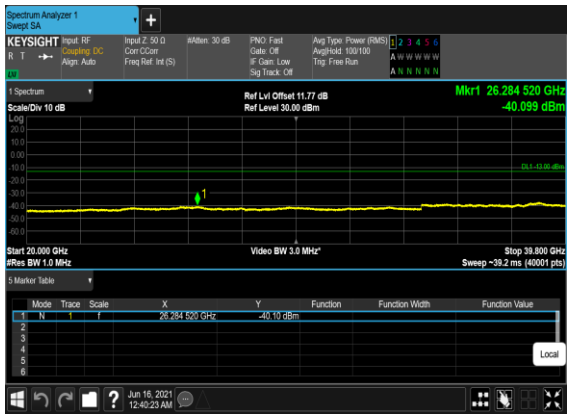
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



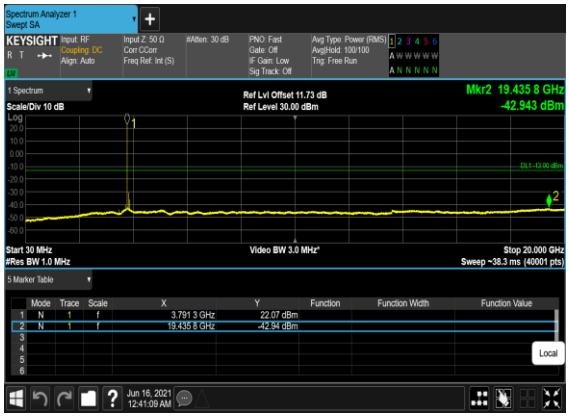
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



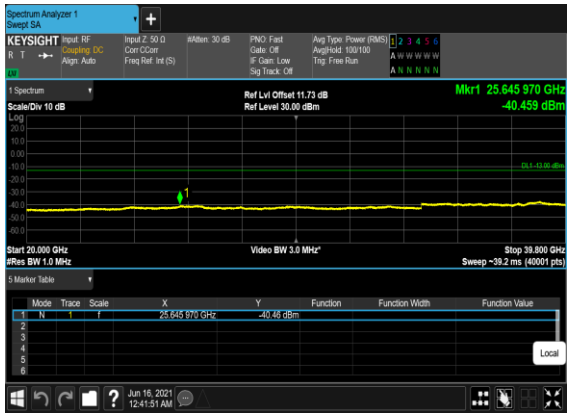
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



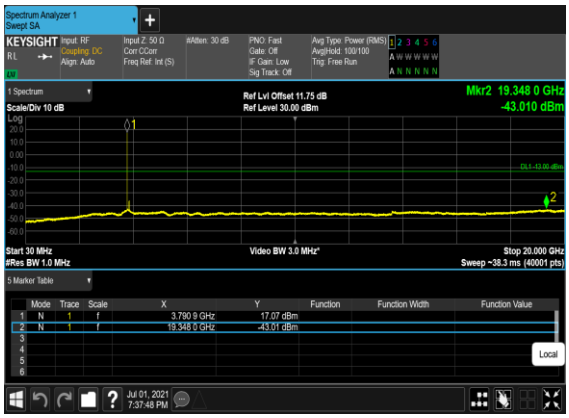
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



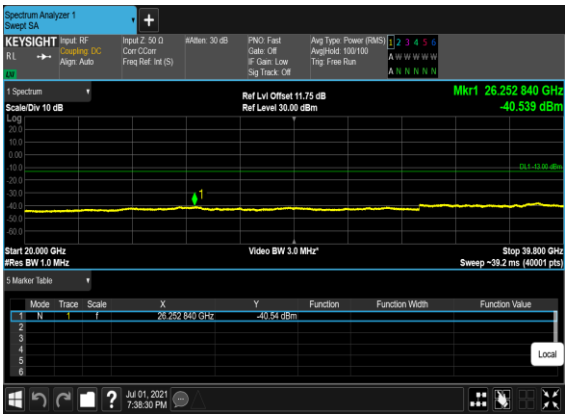
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

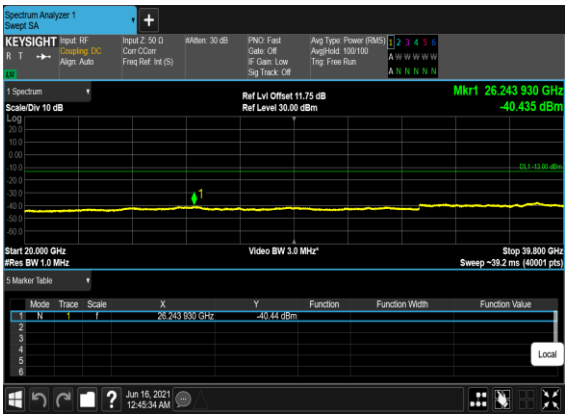


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

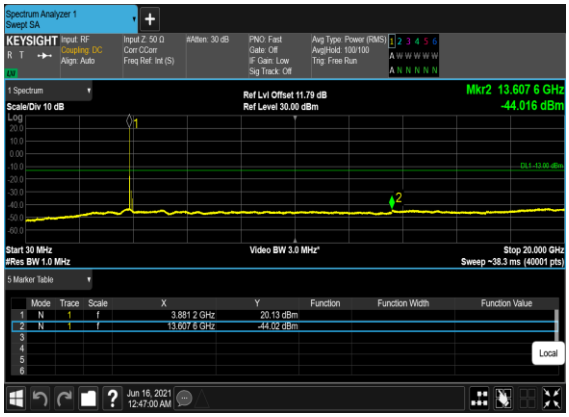


N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

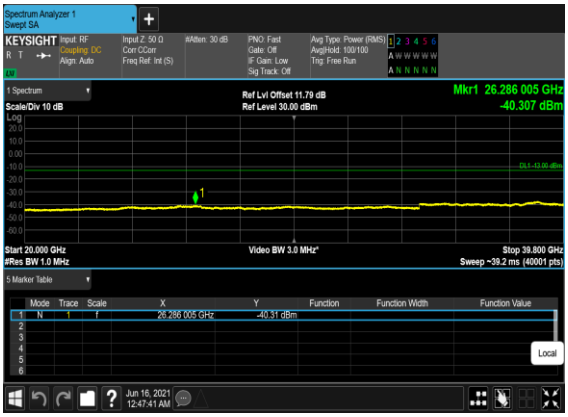
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

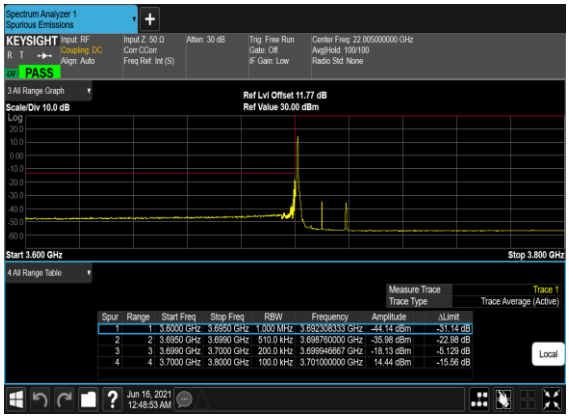


Conducted Band Edge

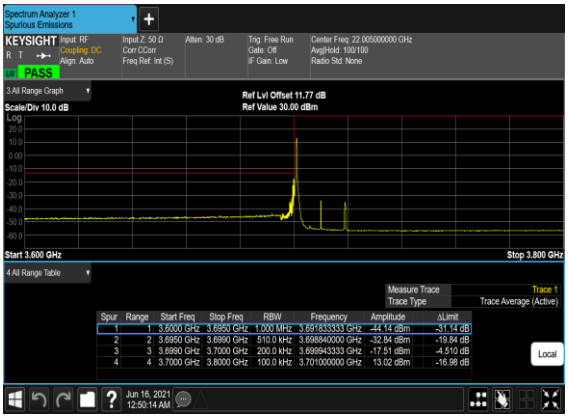
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@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@271	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@271	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

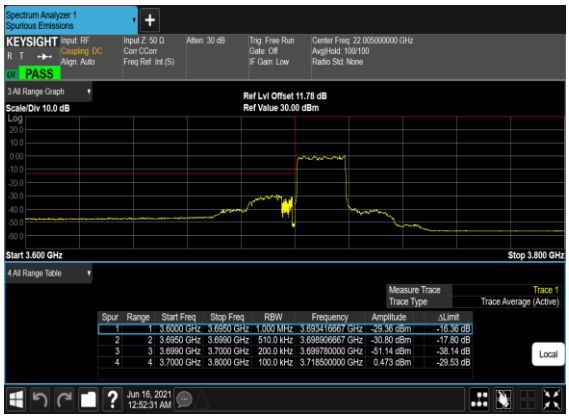
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



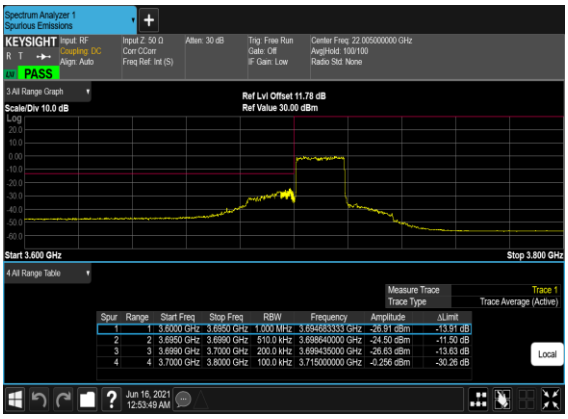
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



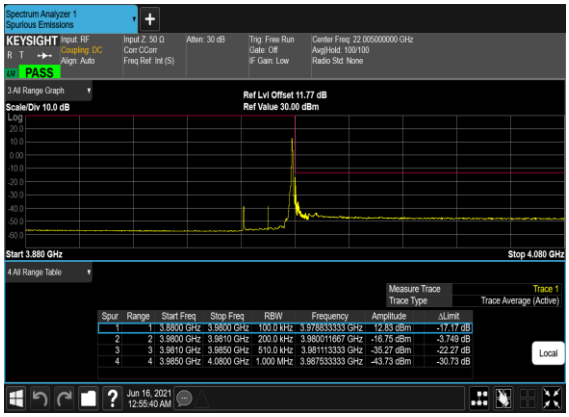
N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



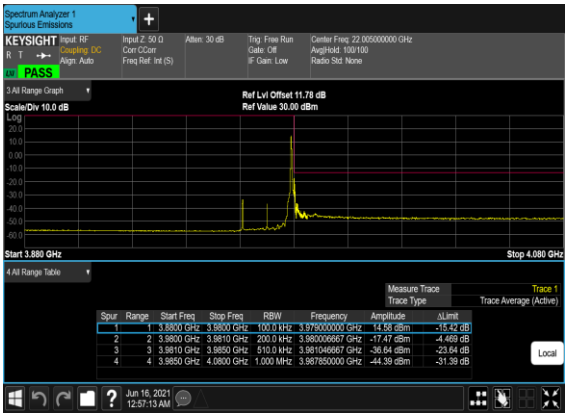
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

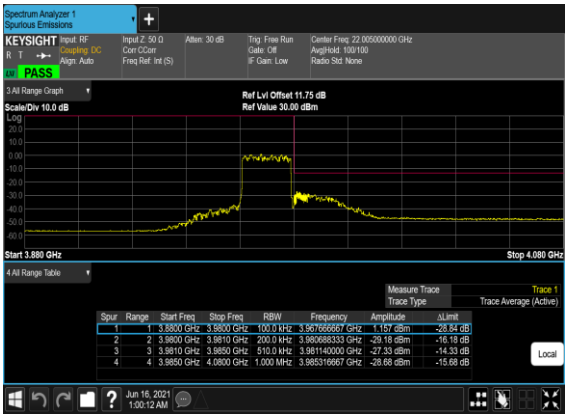


N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



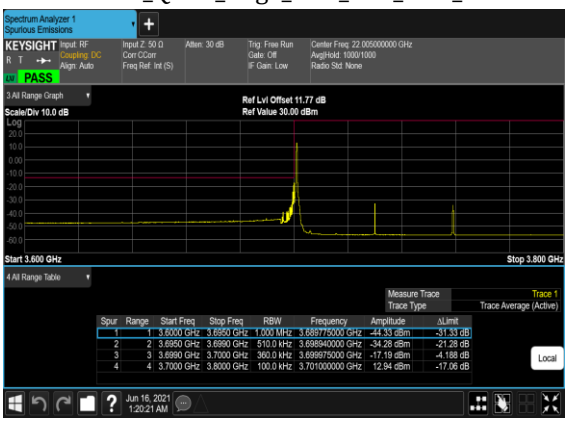
N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

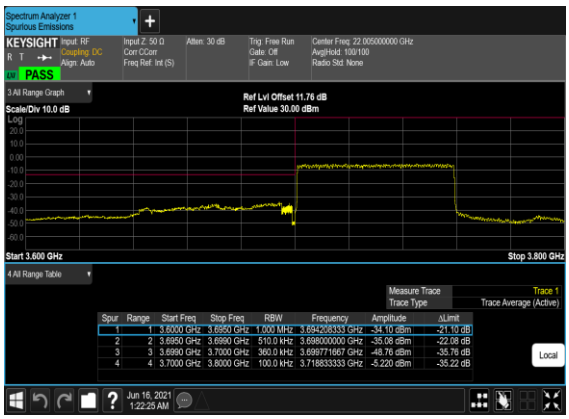


N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

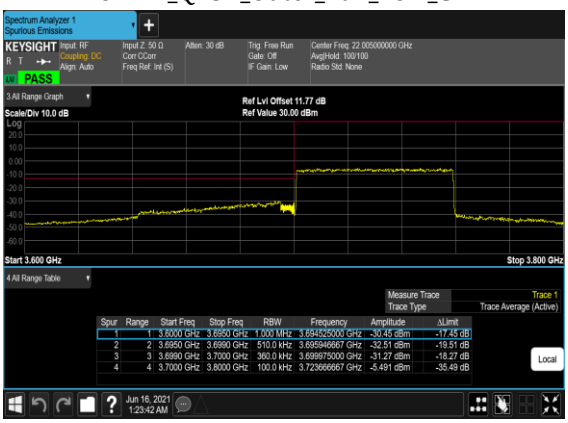
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



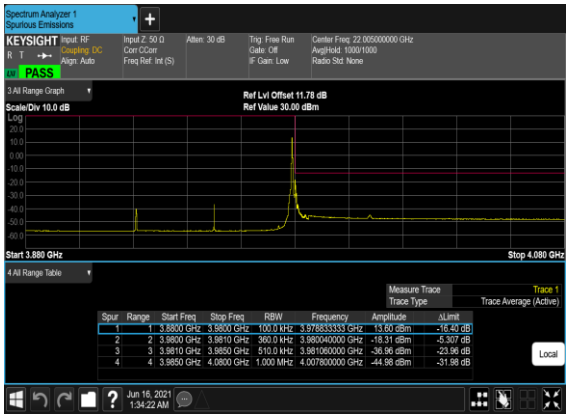
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



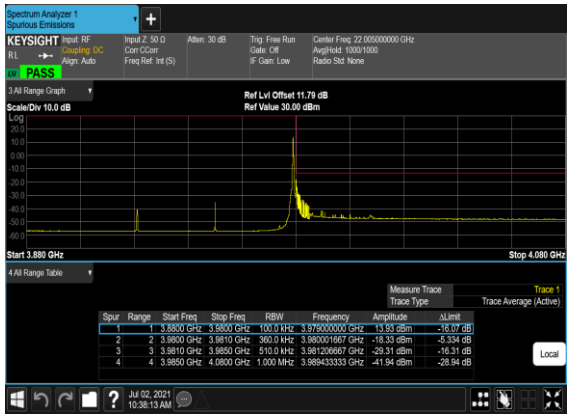
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



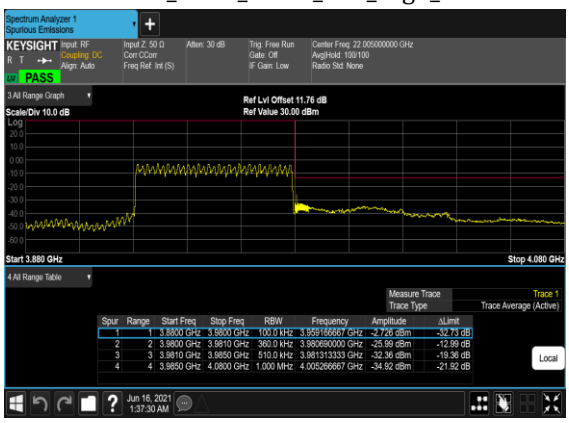
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

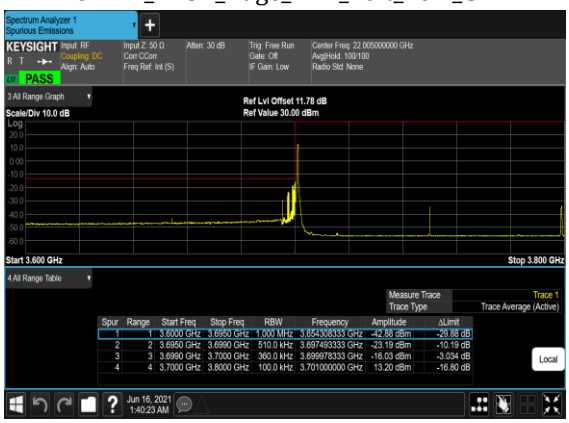


N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

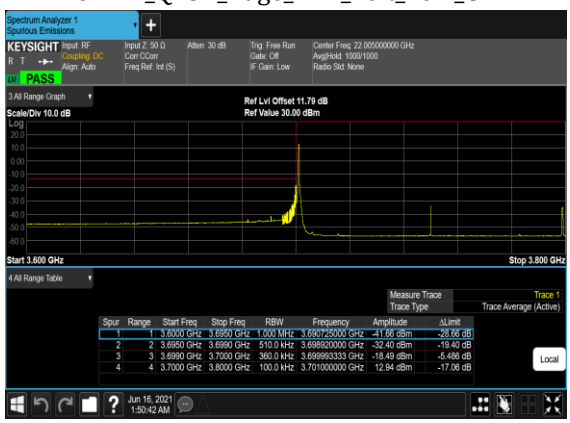


N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

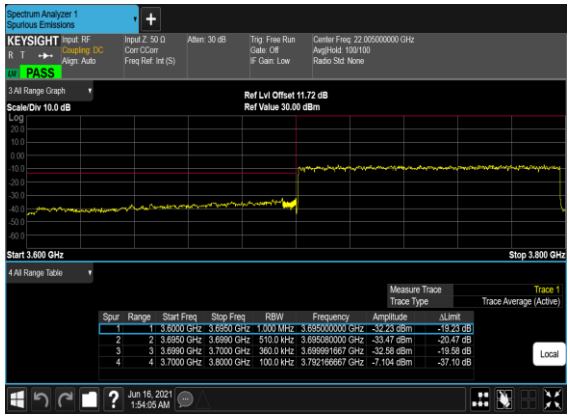


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

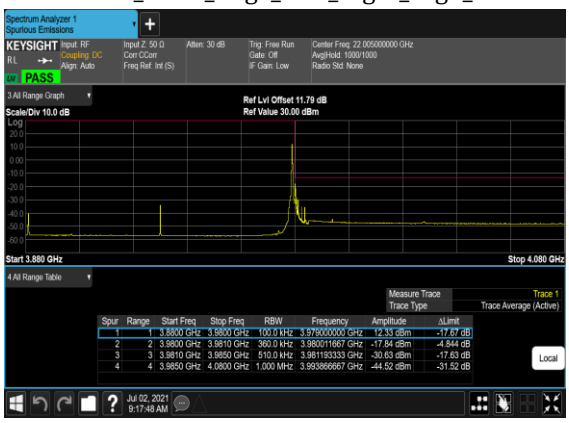


N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

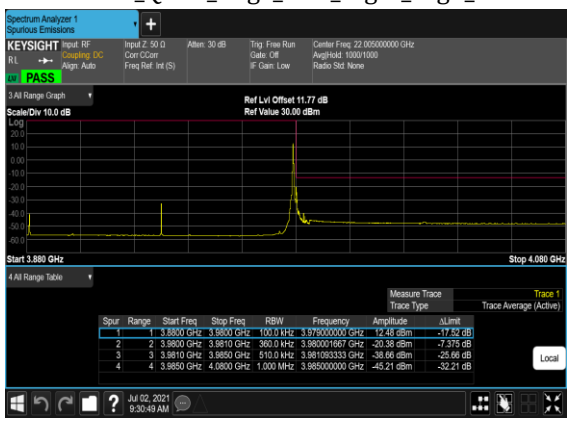
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

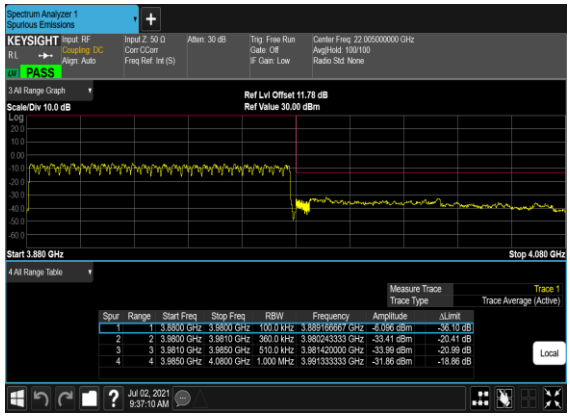


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 21.02.052301

FR1 N78

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-2.59dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	23.48	20.89	0.1227
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	23.93	21.34	0.1361
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	23.73	21.14	0.1300
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	23.5	20.91	0.1233
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.98	21.39	0.1377
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	23.32	20.73	0.1183
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	22.46	19.87	0.0971
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.34	19.75	0.0944
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	22.27	19.68	0.0929
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	20.95	18.36	0.0685
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	20.83	18.24	0.0667
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	21.01	18.42	0.0695
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	19.4	16.81	0.0480
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	19.04	16.45	0.0442
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	19.27	16.68	0.0466
78	30	20	647334	3710.01	CP-OFDM QPSK	25@121	20.89	18.3	0.0676
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	22.48	19.89	0.0975
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	22.27	19.68	0.0929
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	25@12	23.54	20.95	0.1245
78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.86	21.27	0.1340

78	30	20	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@49	23.88	21.29	0.1346
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	25@12	23.48	20.89	0.1227
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.53	20.94	0.1242
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@49	23.45	20.86	0.1219
78	30	20	650000	3750.0	DFT-s-OFDM 16 QAM	25@12	22.92	20.33	0.1079
78	30	20	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	22.4	19.81	0.0957
78	30	20	650000	3750.0	DFT-s-OFDM 16 QAM	1@49	22.47	19.88	0.0973
78	30	20	650000	3750.0	DFT-s-OFDM 64 QAM	25@12	21.51	18.92	0.0780
78	30	20	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	21.45	18.86	0.0769
78	30	20	650000	3750.0	DFT-s-OFDM 64 QAM	1@49	20.96	18.37	0.0687
78	30	20	650000	3750.0	DFT-s-OFDM 256 QAM	25@12	19.5	16.91	0.0491
78	30	20	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	19.14	16.55	0.0452
78	30	20	650000	3750.0	DFT-s-OFDM 256 QAM	1@49	19.71	17.12	0.0515
78	30	20	650000	3750.0	CP-OFDM QPSK	25@121	20.92	18.33	0.0681
78	30	20	650000	3750.0	CP-OFDM QPSK	1@1	22.48	19.89	0.0975
78	30	20	650000	3750.0	CP-OFDM QPSK	1@49	22.37	19.78	0.0951
78	30	20	652666	3750.0	DFT-s-OFDM PI/2 BPSK	25@12	23.55	20.96	0.1247
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	23.5	20.91	0.1233
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	23.55	20.96	0.1247
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	23.42	20.83	0.1211
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	23.96	21.37	0.1371
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	23.89	21.3	0.1349
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	22.87	20.28	0.1067
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	22.54	19.95	0.0989

78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	22.61	20.02	0.1005
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	20.96	18.37	0.0687
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	21.39	18.8	0.0759
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	21.57	18.98	0.0791
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	19.38	16.79	0.0478
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	19.28	16.69	0.0467
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	19.35	16.76	0.0474
78	30	20	652666	3789.99	CP-OFDM QPSK	25@121	20.87	18.28	0.0673
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	22.01	19.42	0.0875
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	22.03	19.44	0.0879
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	24	21.41	0.1384
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	23.59	21	0.1259
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	23.89	21.3	0.1349
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	24	21.41	0.1384
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	24.02	21.43	0.1390
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	23.93	21.34	0.1361
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	22.93	20.34	0.1081
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	23.16	20.57	0.1140
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	22.95	20.36	0.1086
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	21.14	18.55	0.0716
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	21.5	18.91	0.0778
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	21.57	18.98	0.0791
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	19.47	16.88	0.0488
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	19.55	16.96	0.0497

78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	19.3	16.71	0.0469
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	22.46	19.87	0.0971
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	22.13	19.54	0.0899
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	22.54	19.95	0.0989
78	30	30	650000	3750.0	DFT-s-OFDM PI/2 BPSK	36@18	23.61	21.02	0.1265
78	30	30	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.85	21.26	0.1337
78	30	30	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@76	23.95	21.36	0.1368
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	36@18	24.03	21.44	0.1393
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.43	20.84	0.1213
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	1@76	23.54	20.95	0.1245
78	30	30	650000	3750.0	DFT-s-OFDM 16 QAM	36@18	22.6	20.01	0.1002
78	30	30	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	22.93	20.34	0.1081
78	30	30	650000	3750.0	DFT-s-OFDM 16 QAM	1@76	22.51	19.92	0.0982
78	30	30	650000	3750.0	DFT-s-OFDM 64 QAM	36@18	21.05	18.46	0.0701
78	30	30	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	21.64	19.05	0.0804
78	30	30	650000	3750.0	DFT-s-OFDM 64 QAM	1@76	21.23	18.64	0.0731
78	30	30	650000	3750.0	DFT-s-OFDM 256 QAM	36@18	19.11	16.52	0.0449
78	30	30	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	19.05	16.46	0.0443
78	30	30	650000	3750.0	DFT-s-OFDM 256 QAM	1@76	19.25	16.66	0.0463
78	30	30	650000	3750.0	CP-OFDM QPSK	39@19	22.06	19.47	0.0885
78	30	30	650000	3750.0	CP-OFDM QPSK	1@1	22.44	19.85	0.0966
78	30	30	650000	3750.0	CP-OFDM QPSK	1@76	22.57	19.98	0.0995
78	30	30	652332	3750.0	DFT-s-OFDM PI/2 BPSK	36@18	23.68	21.09	0.1285
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	23.85	21.26	0.1337

78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@76	23.53	20.94	0.1242
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	23.5	20.91	0.1233
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	23.41	20.82	0.1208
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	23.95	21.36	0.1368
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	22.49	19.9	0.0977
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	22.53	19.94	0.0986
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	22.77	20.18	0.1042
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	36@18	21.46	18.87	0.0771
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@1	21.59	19	0.0794
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@76	21.1	18.51	0.0710
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	36@18	19.33	16.74	0.0472
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@1	19.3	16.71	0.0469
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@76	19.16	16.57	0.0454
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	21.97	19.38	0.0867
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	21.9	19.31	0.0853
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	22.35	19.76	0.0946
78	30	40	648000	3720.0	DFT-s-OFDM PI/2 BPSK	50@25	23.88	21.29	0.1346
78	30	40	648000	3720.0	DFT-s-OFDM PI/2 BPSK	1@1	23.6	21.01	0.1262
78	30	40	648000	3720.0	DFT-s-OFDM PI/2 BPSK	1@104	23.65	21.06	0.1276
78	30	40	648000	3720.0	DFT-s-OFDM QPSK	50@25	23.91	21.32	0.1355
78	30	40	648000	3720.0	DFT-s-OFDM QPSK	1@1	24.03	21.44	0.1393
78	30	40	648000	3720.0	DFT-s-OFDM QPSK	1@104	24.03	21.44	0.1393
78	30	40	648000	3720.0	DFT-s-OFDM 16 QAM	50@25	22.47	19.88	0.0973
78	30	40	648000	3720.0	DFT-s-OFDM 16 QAM	1@1	22.98	20.39	0.1094

78	30	40	648000	3720.0	DFT-s-OFDM 16 QAM	1@104	22.63	20.04	0.1009
78	30	40	648000	3720.0	DFT-s-OFDM 64 QAM	50@25	20.95	18.36	0.0685
78	30	40	648000	3720.0	DFT-s-OFDM 64 QAM	1@1	21.04	18.45	0.0700
78	30	40	648000	3720.0	DFT-s-OFDM 64 QAM	1@104	21.79	19.2	0.0832
78	30	40	648000	3720.0	DFT-s-OFDM 256 QAM	50@25	19.08	16.49	0.0446
78	30	40	648000	3720.0	DFT-s-OFDM 256 QAM	1@1	19.72	17.13	0.0516
78	30	40	648000	3720.0	DFT-s-OFDM 256 QAM	1@104	19.43	16.84	0.0483
78	30	40	648000	3720.0	CP-OFDM QPSK	53@26	22.47	19.88	0.0973
78	30	40	648000	3720.0	CP-OFDM QPSK	1@1	22.15	19.56	0.0904
78	30	40	648000	3720.0	CP-OFDM QPSK	1@104	22.21	19.62	0.0916
78	30	40	650000	3750.0	DFT-s-OFDM PI/2 BPSK	50@25	23.98	21.39	0.1377
78	30	40	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	24	21.41	0.1384
78	30	40	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@104	23.88	21.29	0.1346
78	30	40	650000	3750.0	DFT-s-OFDM QPSK	50@25	23.98	21.39	0.1377
78	30	40	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.94	21.35	0.1365
78	30	40	650000	3750.0	DFT-s-OFDM QPSK	1@104	24.06	21.47	0.1403
78	30	40	650000	3750.0	DFT-s-OFDM 16 QAM	50@25	22.89	20.3	0.1072
78	30	40	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	23.02	20.43	0.1104
78	30	40	650000	3750.0	DFT-s-OFDM 16 QAM	1@104	23.13	20.54	0.1132
78	30	40	650000	3750.0	DFT-s-OFDM 64 QAM	50@25	20.96	18.37	0.0687
78	30	40	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	21.11	18.52	0.0711
78	30	40	650000	3750.0	DFT-s-OFDM 64 QAM	1@104	21.7	19.11	0.0815
78	30	40	650000	3750.0	DFT-s-OFDM 256 QAM	50@25	19.12	16.53	0.0450
78	30	40	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	19.5	16.91	0.0491

78	30	40	650000	3750.0	DFT-s-OFDM 256 QAM	1@104	19.58	16.99	0.0500
78	30	40	650000	3750.0	CP-OFDM QPSK	53@26	22.47	19.88	0.0973
78	30	40	650000	3750.0	CP-OFDM QPSK	1@1	22.06	19.47	0.0885
78	30	40	650000	3750.0	CP-OFDM QPSK	1@104	22.18	19.59	0.0910
78	30	40	652000	3780.0	DFT-s-OFDM PI/2 BPSK	50@25	23.96	21.37	0.1371
78	30	40	652000	3780.0	DFT-s-OFDM PI/2 BPSK	1@1	24.01	21.42	0.1387
78	30	40	652000	3780.0	DFT-s-OFDM PI/2 BPSK	1@104	23.99	21.4	0.1380
78	30	40	652000	3780.0	DFT-s-OFDM QPSK	50@25	23.96	21.37	0.1371
78	30	40	652000	3780.0	DFT-s-OFDM QPSK	1@1	24.04	21.45	0.1396
78	30	40	652000	3780.0	DFT-s-OFDM QPSK	1@104	23.57	20.98	0.1253
78	30	40	652000	3780.0	DFT-s-OFDM 16 QAM	50@25	22.86	20.27	0.1064
78	30	40	652000	3780.0	DFT-s-OFDM 16 QAM	1@1	23.03	20.44	0.1107
78	30	40	652000	3780.0	DFT-s-OFDM 16 QAM	1@104	22.99	20.4	0.1096
78	30	40	652000	3780.0	DFT-s-OFDM 64 QAM	50@25	21.37	18.78	0.0755
78	30	40	652000	3780.0	DFT-s-OFDM 64 QAM	1@1	21.63	19.04	0.0802
78	30	40	652000	3780.0	DFT-s-OFDM 64 QAM	1@104	21.7	19.11	0.0815
78	30	40	652000	3780.0	DFT-s-OFDM 256 QAM	50@25	19.48	16.89	0.0489
78	30	40	652000	3780.0	DFT-s-OFDM 256 QAM	1@1	19.37	16.78	0.0476
78	30	40	652000	3780.0	DFT-s-OFDM 256 QAM	1@104	19.38	16.79	0.0478
78	30	40	652000	3780.0	CP-OFDM QPSK	53@26	21.98	19.39	0.0869
78	30	40	652000	3780.0	CP-OFDM QPSK	1@1	22.54	19.95	0.0989
78	30	40	652000	3780.0	CP-OFDM QPSK	1@104	22.6	20.01	0.1002
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	23.51	20.92	0.1236
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	23.76	21.17	0.1309

78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	23.33	20.74	0.1186
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	23.79	21.2	0.1318
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	23.27	20.68	0.1169
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	23.85	21.26	0.1337
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	22.9	20.31	0.1074
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.74	20.15	0.1035
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	23	20.41	0.1099
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	21.36	18.77	0.0753
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	20.66	18.07	0.0641
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	21.1	18.51	0.0710
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	19.02	16.43	0.0440
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.69	16.1	0.0407
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	18.8	16.21	0.0418
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	22.01	19.42	0.0875
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	21.93	19.34	0.0859
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	21.89	19.3	0.0851
78	30	50	650000	3750.0	DFT-s-OFDM PI/2 BPSK	64@32	23.84	21.25	0.1334
78	30	50	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.12	20.53	0.1130
78	30	50	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@131	23.35	20.76	0.1191
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	64@32	23.76	21.17	0.1309
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.72	21.13	0.1297
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@131	23.22	20.63	0.1156
78	30	50	650000	3750.0	DFT-s-OFDM 16 QAM	64@32	22.85	20.26	0.1062
78	30	50	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	22.44	19.85	0.0966

78	30	50	650000	3750.0	DFT-s-OFDM 16 QAM	1@131	22.76	20.17	0.1040
78	30	50	650000	3750.0	DFT-s-OFDM 64 QAM	64@32	20.95	18.36	0.0685
78	30	50	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	20.88	18.29	0.0675
78	30	50	650000	3750.0	DFT-s-OFDM 64 QAM	1@131	20.99	18.4	0.0692
78	30	50	650000	3750.0	DFT-s-OFDM 256 QAM	64@32	19.29	16.7	0.0468
78	30	50	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	18.76	16.17	0.0414
78	30	50	650000	3750.0	DFT-s-OFDM 256 QAM	1@131	18.95	16.36	0.0433
78	30	50	650000	3750.0	CP-OFDM QPSK	67@33	21.97	19.38	0.0867
78	30	50	650000	3750.0	CP-OFDM QPSK	1@1	22.11	19.52	0.0895
78	30	50	650000	3750.0	CP-OFDM QPSK	1@131	22.18	19.59	0.0910
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	23.75	21.16	0.1306
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	23.64	21.05	0.1274
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	23.32	20.73	0.1183
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	23.3	20.71	0.1178
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	23.64	21.05	0.1274
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	23.33	20.74	0.1186
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	22.29	19.7	0.0933
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	22.71	20.12	0.1028
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	22.49	19.9	0.0977
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.77	18.18	0.0658
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	21.34	18.75	0.0750
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	20.86	18.27	0.0671
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.85	16.26	0.0423
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	18.59	16	0.0398

78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	19.2	16.61	0.0458
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	22.2	19.61	0.0914
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	22.24	19.65	0.0923
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	21.85	19.26	0.0843
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	23.71	21.12	0.1294
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	23.42	20.83	0.1211
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	24.61	22.02	0.1592
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	23.42	20.83	0.1211
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	23.44	20.85	0.1216
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	24.61	22.02	0.1592
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	22.31	19.72	0.0938
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	22.81	20.22	0.1052
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	23.22	20.63	0.1156
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	20.84	18.25	0.0668
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	21.28	18.69	0.0740
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	21.84	19.25	0.0841
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	19.11	16.52	0.0449
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	19.15	16.56	0.0453
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	19.88	17.29	0.0536
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.77	19.18	0.0828
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	22.36	19.77	0.0948
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	23.14	20.55	0.1135
78	30	60	650000	3750.0	DFT-s-OFDM PI/2 BPSK	81@40	23.81	21.22	0.1324
78	30	60	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.83	21.24	0.1330

78	30	60	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@160	24.55	21.96	0.1570
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	81@40	23.82	21.23	0.1327
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.81	21.22	0.1324
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@160	24.6	22.01	0.1589
78	30	60	650000	3750.0	DFT-s-OFDM 16 QAM	81@40	22.25	19.66	0.0925
78	30	60	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	23.02	20.43	0.1104
78	30	60	650000	3750.0	DFT-s-OFDM 16 QAM	1@160	23.26	20.67	0.1167
78	30	60	650000	3750.0	DFT-s-OFDM 64 QAM	81@40	21.27	18.68	0.0738
78	30	60	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	21.02	18.43	0.0697
78	30	60	650000	3750.0	DFT-s-OFDM 64 QAM	1@160	21.83	19.24	0.0839
78	30	60	650000	3750.0	DFT-s-OFDM 256 QAM	81@40	19.32	16.73	0.0471
78	30	60	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	19.63	17.04	0.0506
78	30	60	650000	3750.0	DFT-s-OFDM 256 QAM	1@160	19.67	17.08	0.0511
78	30	60	650000	3750.0	CP-OFDM QPSK	81@40	22.28	19.69	0.0931
78	30	60	650000	3750.0	CP-OFDM QPSK	1@1	21.98	19.39	0.0869
78	30	60	650000	3750.0	CP-OFDM QPSK	1@160	22.72	20.13	0.1030
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	23.38	20.79	0.1199
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	23.38	20.79	0.1199
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	24.67	22.08	0.1614
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	24.12	21.53	0.1422
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	23.36	20.77	0.1194
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	24.71	22.12	0.1629
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	22.68	20.09	0.1021
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	22.9	20.31	0.1074

78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	23.78	21.19	0.1315
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	21.21	18.62	0.0728
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	21.51	18.92	0.0780
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	22.23	19.64	0.0920
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	18.8	16.21	0.0418
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	18.95	16.36	0.0433
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	19.93	17.34	0.0542
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	22.17	19.58	0.0908
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	22.3	19.71	0.0935
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	22.92	20.33	0.1079
78	30	70	649000	3735.0	DFT-s-OFDM PI/2 BPSK	90@45	23.88	21.29	0.1346
78	30	70	649000	3735.0	DFT-s-OFDM PI/2 BPSK	1@1	23.26	20.67	0.1167
78	30	70	649000	3735.0	DFT-s-OFDM PI/2 BPSK	1@187	23.26	20.67	0.1167
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	90@45	23.81	21.22	0.1324
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@1	23.24	20.65	0.1161
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@187	23.35	20.76	0.1191
78	30	70	649000	3735.0	DFT-s-OFDM 16 QAM	90@45	22.77	20.18	0.1042
78	30	70	649000	3735.0	DFT-s-OFDM 16 QAM	1@1	22.68	20.09	0.1021
78	30	70	649000	3735.0	DFT-s-OFDM 16 QAM	1@187	22.78	20.19	0.1045
78	30	70	649000	3735.0	DFT-s-OFDM 64 QAM	90@45	21.33	18.74	0.0748
78	30	70	649000	3735.0	DFT-s-OFDM 64 QAM	1@1	21.22	18.63	0.0729
78	30	70	649000	3735.0	DFT-s-OFDM 64 QAM	1@187	21.3	18.71	0.0743
78	30	70	649000	3735.0	DFT-s-OFDM 256 QAM	90@45	19.03	16.44	0.0441
78	30	70	649000	3735.0	DFT-s-OFDM 256 QAM	1@1	19.33	16.74	0.0472

78	30	70	649000	3735.0	DFT-s-OFDM 256 QAM	1@187	19.14	16.55	0.0452
78	30	70	649000	3735.0	CP-OFDM QPSK	95@47	21.99	19.4	0.0871
78	30	70	649000	3735.0	CP-OFDM QPSK	1@1	22.19	19.6	0.0912
78	30	70	649000	3735.0	CP-OFDM QPSK	1@187	22.32	19.73	0.0940
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	90@45	23.62	21.03	0.1268
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.69	21.1	0.1288
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@187	23.26	20.67	0.1167
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	90@45	23.74	21.15	0.1303
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.58	20.99	0.1256
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@187	23.22	20.63	0.1156
78	30	70	650000	3750.0	DFT-s-OFDM 16 QAM	90@45	22.36	19.77	0.0948
78	30	70	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	22.29	19.7	0.0933
78	30	70	650000	3750.0	DFT-s-OFDM 16 QAM	1@187	22.65	20.06	0.1014
78	30	70	650000	3750.0	DFT-s-OFDM 64 QAM	90@45	21.22	18.63	0.0729
78	30	70	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	21.15	18.56	0.0718
78	30	70	650000	3750.0	DFT-s-OFDM 64 QAM	1@187	20.9	18.31	0.0678
78	30	70	650000	3750.0	DFT-s-OFDM 256 QAM	90@45	18.81	16.22	0.0419
78	30	70	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	18.29	15.7	0.0372
78	30	70	650000	3750.0	DFT-s-OFDM 256 QAM	1@187	18.54	15.95	0.0394
78	30	70	650000	3750.0	CP-OFDM QPSK	95@47	22.47	19.88	0.0973
78	30	70	650000	3750.0	CP-OFDM QPSK	1@1	22.04	19.45	0.0881
78	30	70	650000	3750.0	CP-OFDM QPSK	1@187	22.16	19.57	0.0906
78	30	70	651000	3765.0	DFT-s-OFDM PI/2 BPSK	90@45	23.39	20.8	0.1202
78	30	70	651000	3765.0	DFT-s-OFDM PI/2 BPSK	1@1	23.66	21.07	0.1279

78	30	70	651000	3765.0	DFT-s-OFDM PI/2 BPSK	1@187	23.75	21.16	0.1306
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	90@45	23.78	21.19	0.1315
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@1	23.17	20.58	0.1143
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@187	23.39	20.8	0.1202
78	30	70	651000	3765.0	DFT-s-OFDM 16 QAM	90@45	22.86	20.27	0.1064
78	30	70	651000	3765.0	DFT-s-OFDM 16 QAM	1@1	22.98	20.39	0.1094
78	30	70	651000	3765.0	DFT-s-OFDM 16 QAM	1@187	23.02	20.43	0.1104
78	30	70	651000	3765.0	DFT-s-OFDM 64 QAM	90@45	20.79	18.2	0.0661
78	30	70	651000	3765.0	DFT-s-OFDM 64 QAM	1@1	21.05	18.46	0.0701
78	30	70	651000	3765.0	DFT-s-OFDM 64 QAM	1@187	21.04	18.45	0.0700
78	30	70	651000	3765.0	DFT-s-OFDM 256 QAM	90@45	19.29	16.7	0.0468
78	30	70	651000	3765.0	DFT-s-OFDM 256 QAM	1@1	18.78	16.19	0.0416
78	30	70	651000	3765.0	DFT-s-OFDM 256 QAM	1@187	19.14	16.55	0.0452
78	30	70	651000	3765.0	CP-OFDM QPSK	95@47	22.35	19.76	0.0946
78	30	70	651000	3765.0	CP-OFDM QPSK	1@1	22.23	19.64	0.0920
78	30	70	651000	3765.0	CP-OFDM QPSK	1@187	22.37	19.78	0.0951
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	23.84	21.25	0.1334
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	23.58	20.99	0.1256
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	23.67	21.08	0.1282
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	23.39	20.8	0.1202
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	23.63	21.04	0.1271
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	23.27	20.68	0.1169
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	22.17	19.58	0.0908
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	22.4	19.81	0.0957

78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	22.34	19.75	0.0944
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	20.81	18.22	0.0664
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	20.85	18.26	0.0670
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	20.88	18.29	0.0675
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	18.91	16.32	0.0429
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	18.77	16.18	0.0415
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	19.31	16.72	0.0470
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	22.29	19.7	0.0933
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	22.14	19.55	0.0902
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	22.26	19.67	0.0927
78	30	80	650000	3750.0	DFT-s-OFDM PI/2 BPSK	108@54	23.2	20.61	0.1151
78	30	80	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.15	20.56	0.1138
78	30	80	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@215	23.23	20.64	0.1159
78	30	80	650000	3750.0	DFT-s-OFDM QPSK	108@54	23.69	21.1	0.1288
78	30	80	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.15	20.56	0.1138
78	30	80	650000	3750.0	DFT-s-OFDM QPSK	1@215	23.31	20.72	0.1180
78	30	80	650000	3750.0	DFT-s-OFDM 16 QAM	108@54	22.79	20.2	0.1047
78	30	80	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	21.98	19.39	0.0869
78	30	80	650000	3750.0	DFT-s-OFDM 16 QAM	1@215	22.73	20.14	0.1033
78	30	80	650000	3750.0	DFT-s-OFDM 64 QAM	108@54	20.79	18.2	0.0661
78	30	80	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	21.27	18.68	0.0738
78	30	80	650000	3750.0	DFT-s-OFDM 64 QAM	1@215	21.25	18.66	0.0735
78	30	80	650000	3750.0	DFT-s-OFDM 256 QAM	108@54	19.21	16.62	0.0459
78	30	80	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	18.96	16.37	0.0434

78	30	80	650000	3750.0	DFT-s-OFDM 256 QAM	1@215	18.99	16.4	0.0437
78	30	80	650000	3750.0	CP-OFDM QPSK	109@54	21.86	19.27	0.0845
78	30	80	650000	3750.0	CP-OFDM QPSK	1@1	21.68	19.09	0.0811
78	30	80	650000	3750.0	CP-OFDM QPSK	1@215	22.26	19.67	0.0927
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	23.82	21.23	0.1327
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	23.13	20.54	0.1132
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	23.83	21.24	0.1330
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	23.75	21.16	0.1306
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	23.57	20.98	0.1253
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	23.9	21.31	0.1352
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	22.61	20.02	0.1005
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	22.57	19.98	0.0995
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	23.08	20.49	0.1119
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	20.69	18.1	0.0646
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	20.5	17.91	0.0618
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	20.91	18.32	0.0679
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	18.89	16.3	0.0427
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	19.01	16.42	0.0439
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	19.24	16.65	0.0462
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	21.75	19.16	0.0824
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	21.56	18.97	0.0789
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	22.32	19.73	0.0940
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	23.83	21.24	0.1330
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	23.67	21.08	0.1282

78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	23.86	21.27	0.1340
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	23.77	21.18	0.1312
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	23.7	21.11	0.1291
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	23.87	21.28	0.1343
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	22.74	20.15	0.1035
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	22.66	20.07	0.1016
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	22.85	20.26	0.1062
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	21.32	18.73	0.0746
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	20.9	18.31	0.0678
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	21.15	18.56	0.0718
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	19.22	16.63	0.0460
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	18.84	16.25	0.0422
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	19.01	16.42	0.0439
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	21.87	19.28	0.0847
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	21.73	19.14	0.0820
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	22.33	19.74	0.0942
78	30	90	650000	3750.0	DFT-s-OFDM PI/2 BPSK	120@60	23.82	21.23	0.1327
78	30	90	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.54	20.95	0.1245
78	30	90	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@243	23.36	20.77	0.1194
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	120@60	23.29	20.7	0.1175
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@1	23.53	20.94	0.1242
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@243	23.36	20.77	0.1194
78	30	90	650000	3750.0	DFT-s-OFDM 16 QAM	120@60	22.33	19.74	0.0942
78	30	90	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	22.52	19.93	0.0984

78	30	90	650000	3750.0	DFT-s-OFDM 16 QAM	1@243	22.71	20.12	0.1028
78	30	90	650000	3750.0	DFT-s-OFDM 64 QAM	120@60	20.8	18.21	0.0662
78	30	90	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	20.72	18.13	0.0650
78	30	90	650000	3750.0	DFT-s-OFDM 64 QAM	1@243	21.18	18.59	0.0723
78	30	90	650000	3750.0	DFT-s-OFDM 256 QAM	120@60	19.2	16.61	0.0458
78	30	90	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	19.11	16.52	0.0449
78	30	90	650000	3750.0	DFT-s-OFDM 256 QAM	1@243	19.09	16.5	0.0447
78	30	90	650000	3750.0	CP-OFDM QPSK	123@61	21.87	19.28	0.0847
78	30	90	650000	3750.0	CP-OFDM QPSK	1@1	21.74	19.15	0.0822
78	30	90	650000	3750.0	CP-OFDM QPSK	1@243	22.41	19.82	0.0959
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	23.8	21.21	0.1321
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	23.14	20.55	0.1135
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	23.8	21.21	0.1321
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	23.69	21.1	0.1288
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	23.1	20.51	0.1125
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	23.89	21.3	0.1349
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	22.15	19.56	0.0904
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	22	19.41	0.0873
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	22.36	19.77	0.0948
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	21.21	18.62	0.0728
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	20.73	18.14	0.0652
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	21.05	18.46	0.0701
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	19.16	16.57	0.0454
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	18.41	15.82	0.0382

78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	19.32	16.73	0.0471
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	21.85	19.26	0.0843
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	21.66	19.07	0.0807
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	22.43	19.84	0.0964
78	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	135@67	23.09	20.5	0.1122
78	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@1	23.25	20.66	0.1164
78	30	100	650000	3750.0	DFT-s-OFDM PI/2 BPSK	1@271	22.57	19.98	0.0995
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	135@67	23.11	20.52	0.1127
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@1	24.71	22.12	0.1629
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@271	22.66	20.07	0.1016
78	30	100	650000	3750.0	DFT-s-OFDM 16 QAM	135@67	23.25	20.66	0.1164
78	30	100	650000	3750.0	DFT-s-OFDM 16 QAM	1@1	23.28	20.69	0.1172
78	30	100	650000	3750.0	DFT-s-OFDM 16 QAM	1@271	22.66	20.07	0.1016
78	30	100	650000	3750.0	DFT-s-OFDM 64 QAM	135@67	22.43	19.84	0.0964
78	30	100	650000	3750.0	DFT-s-OFDM 64 QAM	1@1	22.97	20.38	0.1091
78	30	100	650000	3750.0	DFT-s-OFDM 64 QAM	1@271	22.41	19.82	0.0959
78	30	100	650000	3750.0	DFT-s-OFDM 256 QAM	135@67	20.83	18.24	0.0667
78	30	100	650000	3750.0	DFT-s-OFDM 256 QAM	1@1	20.43	17.84	0.0608
78	30	100	650000	3750.0	DFT-s-OFDM 256 QAM	1@271	20.69	18.1	0.0646
78	30	100	650000	3750.0	CP-OFDM QPSK	137@68	22.83	20.24	0.1057
78	30	100	650000	3750.0	CP-OFDM QPSK	1@1	22.91	20.32	0.1076
78	30	100	650000	3750.0	CP-OFDM QPSK	1@271	22.66	20.07	0.1016

Software Version: 21.02.052301

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LTE Band: 2, LTE BW: 20M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-2.23dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	24.97	22.74	0.1879
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	24.63	22.4	0.1738
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	25.07	22.84	0.1923
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	24.56	22.33	0.171
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.94	22.71	0.1866
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	25.06	22.83	0.1919
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	24.96	22.73	0.1875
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.93	22.7	0.1862
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	25.02	22.79	0.1901
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	25@12	24.93	22.7	0.1862
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	24.71	22.48	0.177
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@49	24.66	22.43	0.175
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	25@12	23.19	20.96	0.1247
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	22.95	20.72	0.118
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@49	23.4	21.17	0.1309
41	30	20	501204	2506.02	CP-OFDM QPSK	25@121	24.73	22.5	0.1778
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	24.84	22.61	0.1824
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	24.87	22.64	0.1837
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	25@12	24.62	22.39	0.1734

41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.74	22.51	0.1782
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	25.17	22.94	0.1968
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	24.6	22.37	0.1726
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.99	22.76	0.1888
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	24.66	22.43	0.175
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	24.41	22.18	0.1652
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.86	22.63	0.1832
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	25.14	22.91	0.1954
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	25@12	24.72	22.49	0.1774
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.89	22.66	0.1845
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@49	24.72	22.49	0.1774
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	25@12	23.2	20.97	0.125
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	23.49	21.26	0.1337
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@49	23.34	21.11	0.1291
41	30	20	518598	2592.99	CP-OFDM QPSK	25@121	24.52	22.29	0.1694
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	24.75	22.52	0.1786
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	24.93	22.7	0.1862
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	23.82	21.59	0.1442
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	24.45	22.22	0.1667
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	24.31	22.08	0.1614
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	24.28	22.05	0.1603
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.76	22.53	0.1791
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	24.38	22.15	0.1641
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	23.88	21.65	0.1462

41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.91	22.68	0.1854
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	24.85	22.62	0.1828
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	25@12	24.31	22.08	0.1614
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	24.72	22.49	0.1774
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@49	24.32	22.09	0.1618
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	25@12	22.92	20.69	0.1172
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	23.31	21.08	0.1282
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@49	23.07	20.84	0.1213
41	30	20	535998	2679.99	CP-OFDM QPSK	25@121	24.09	21.86	0.1535
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	24.46	22.23	0.1671
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	24.58	22.35	0.1718
41	30	30	502200	2511.0	DFT-s-OFDM PI/2 BPSK	36@18	24.14	21.91	0.1552
41	30	30	502200	2511.0	DFT-s-OFDM PI/2 BPSK	1@1	24.02	21.79	0.151
41	30	30	502200	2511.0	DFT-s-OFDM PI/2 BPSK	1@76	24.11	21.88	0.1542
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	36@18	24.13	21.9	0.1549
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	1@1	23.72	21.49	0.1409
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	1@76	23.81	21.58	0.1439
41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	36@18	24.29	22.06	0.1607
41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	1@1	24.04	21.81	0.1517
41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	1@76	24.16	21.93	0.156
41	30	30	502200	2511.0	DFT-s-OFDM 64 QAM	36@18	24.23	22	0.1585
41	30	30	502200	2511.0	DFT-s-OFDM 64 QAM	1@1	24.14	21.91	0.1552
41	30	30	502200	2511.0	DFT-s-OFDM 64 QAM	1@76	23.71	21.48	0.1406
41	30	30	502200	2511.0	DFT-s-OFDM 256 QAM	36@18	22.77	20.54	0.1132

41	30	30	502200	2511.0	DFT-s-OFDM 256 QAM	1@1	22.47	20.24	0.1057
41	30	30	502200	2511.0	DFT-s-OFDM 256 QAM	1@76	22.64	20.41	0.1099
41	30	30	502200	2511.0	CP-OFDM QPSK	39@19	24.55	22.32	0.1706
41	30	30	502200	2511.0	CP-OFDM QPSK	1@1	24.04	21.81	0.1517
41	30	30	502200	2511.0	CP-OFDM QPSK	1@76	23.98	21.75	0.1496
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@18	24.58	22.35	0.1718
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.18	21.95	0.1567
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@76	24.39	22.16	0.1644
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	24.65	22.42	0.1746
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.2	21.97	0.1574
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	24.85	22.62	0.1828
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	24.67	22.44	0.1754
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.33	22.1	0.1622
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	24.35	22.12	0.1629
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	36@18	24.66	22.43	0.175
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.48	22.25	0.1679
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@76	24.47	22.24	0.1675
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	36@18	23.22	20.99	0.1256
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.88	20.65	0.1161
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@76	23	20.77	0.1194
41	30	30	518598	2592.99	CP-OFDM QPSK	39@19	24.56	22.33	0.171
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	24.38	22.15	0.1641
41	30	30	518598	2592.99	CP-OFDM QPSK	1@76	24.72	22.49	0.1774
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	36@18	24.38	22.15	0.1641

41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	24.43	22.2	0.166
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@76	24.11	21.88	0.1542
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	24.3	22.07	0.1611
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.09	21.86	0.1535
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	24.01	21.78	0.1507
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	23.89	21.66	0.1466
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.15	21.92	0.1556
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	24.12	21.89	0.1545
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	36@18	24.06	21.83	0.1524
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@1	23.99	21.76	0.15
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@76	24.49	22.26	0.1683
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	36@18	22.91	20.68	0.1169
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@1	22.4	20.17	0.104
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@76	22.62	20.39	0.1094
41	30	30	534996	2674.98	CP-OFDM QPSK	39@19	24.39	22.16	0.1644
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	24.16	21.93	0.156
41	30	30	534996	2674.98	CP-OFDM QPSK	1@76	24.35	22.12	0.1629
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	24.59	22.36	0.1722
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	23.84	21.61	0.1449
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@104	23.89	21.66	0.1466
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	24.59	22.36	0.1722
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	23.59	21.36	0.1368
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	23.55	21.32	0.1355
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	24.23	22	0.1585

41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	23.53	21.3	0.1349
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	23.94	21.71	0.1483
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	50@25	24.2	21.97	0.1574
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	23.51	21.28	0.1343
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@104	23.85	21.62	0.1452
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	50@25	22.83	20.6	0.1148
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	21.82	19.59	0.091
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@104	22.43	20.2	0.1047
41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	24.3	22.07	0.1611
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	23.77	21.54	0.1426
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	23.84	21.61	0.1449
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@25	24.75	22.52	0.1786
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.44	22.21	0.1663
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@104	24.31	22.08	0.1614
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	24.7	22.47	0.1766
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.43	22.2	0.166
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	24.27	22.04	0.16
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	24.67	22.44	0.1754
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.47	22.24	0.1675
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	24.52	22.29	0.1694
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	50@25	24.29	22.06	0.1607
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.48	22.25	0.1679
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@104	24.76	22.53	0.1791
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	50@25	22.92	20.69	0.1172

41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.65	20.42	0.1102
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@104	22.75	20.52	0.1127
41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	24.33	22.1	0.1622
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	24.34	22.11	0.1626
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	24.75	22.52	0.1786
41	30	40	534000	2670.0	DFT-s-OFDM PI/2 BPSK	50@25	24.03	21.8	0.1514
41	30	40	534000	2670.0	DFT-s-OFDM PI/2 BPSK	1@1	24.01	21.78	0.1507
41	30	40	534000	2670.0	DFT-s-OFDM PI/2 BPSK	1@104	24.48	22.25	0.1679
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	50@25	24	21.77	0.1503
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@1	24.45	22.22	0.1667
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@104	24.56	22.33	0.171
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	50@25	24.05	21.82	0.1521
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	1@1	24.4	22.17	0.1648
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	1@104	24.03	21.8	0.1514
41	30	40	534000	2670.0	DFT-s-OFDM 64 QAM	50@25	24.44	22.21	0.1663
41	30	40	534000	2670.0	DFT-s-OFDM 64 QAM	1@1	24.4	22.17	0.1648
41	30	40	534000	2670.0	DFT-s-OFDM 64 QAM	1@104	24.56	22.33	0.171
41	30	40	534000	2670.0	DFT-s-OFDM 256 QAM	50@25	22.7	20.47	0.1114
41	30	40	534000	2670.0	DFT-s-OFDM 256 QAM	1@1	22.9	20.67	0.1167
41	30	40	534000	2670.0	DFT-s-OFDM 256 QAM	1@104	22.75	20.52	0.1127
41	30	40	534000	2670.0	CP-OFDM QPSK	53@26	24.47	22.24	0.1675
41	30	40	534000	2670.0	CP-OFDM QPSK	1@1	24.08	21.85	0.1531
41	30	40	534000	2670.0	CP-OFDM QPSK	1@104	24.21	21.98	0.1578
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	64@32	24.27	22.04	0.16

41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	24.17	21.94	0.1563
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@131	24.23	22	0.1585
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	24.67	22.44	0.1754
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.21	21.98	0.1578
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	24.34	22.11	0.1626
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	24.38	22.15	0.1641
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.17	21.94	0.1563
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	24.31	22.08	0.1614
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	64@32	24.67	22.44	0.1754
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	24.41	22.18	0.1652
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@131	24.42	22.19	0.1656
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	64@32	22.8	20.57	0.114
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	23.01	20.78	0.1197
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@131	22.78	20.55	0.1135
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	24.66	22.43	0.175
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	24.61	22.38	0.173
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	24.46	22.23	0.1671
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	24.55	22.32	0.1706
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.11	21.88	0.1542
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@131	24.42	22.19	0.1656
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	24.61	22.38	0.173
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	23.8	21.57	0.1435
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	23.83	21.6	0.1445
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	24.22	21.99	0.1581

41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.25	22.02	0.1592
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	23.9	21.67	0.1469
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	64@32	24.4	22.17	0.1648
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.05	21.82	0.1521
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@131	24.44	22.21	0.1663
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	64@32	23.14	20.91	0.1233
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.18	19.95	0.0989
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@131	22.29	20.06	0.1014
41	30	50	518598	2592.99	CP-OFDM QPSK	67@33	24.57	22.34	0.1714
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	23.82	21.59	0.1442
41	30	50	518598	2592.99	CP-OFDM QPSK	1@131	23.91	21.68	0.1472
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	64@32	24.01	21.78	0.1507
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	23.74	21.51	0.1416
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@131	23.9	21.67	0.1469
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	24.13	21.9	0.1549
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.24	22.01	0.1589
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	23.74	21.51	0.1416
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	24.03	21.8	0.1514
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.82	21.59	0.1442
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	24.17	21.94	0.1563
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	64@32	24.45	22.22	0.1667
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	23.75	21.52	0.1419
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@131	24.39	22.16	0.1644
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	64@32	22.59	20.36	0.1086

41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	22.78	20.55	0.1135
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@131	22.29	20.06	0.1014
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	24.28	22.05	0.1603
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	23.82	21.59	0.1442
41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	23.74	21.51	0.1416
41	30	60	505200	2526.0	DFT-s-OFDM PI/2 BPSK	81@40	24.31	22.08	0.1614
41	30	60	505200	2526.0	DFT-s-OFDM PI/2 BPSK	1@1	25.08	22.85	0.1928
41	30	60	505200	2526.0	DFT-s-OFDM PI/2 BPSK	1@160	23.77	21.54	0.1426
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	81@40	24.59	22.36	0.1722
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@1	25.08	22.85	0.1928
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@160	24.05	21.82	0.1521
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	81@40	24.62	22.39	0.1734
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	1@1	24.85	22.62	0.1828
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	1@160	24.02	21.79	0.151
41	30	60	505200	2526.0	DFT-s-OFDM 64 QAM	81@40	24.65	22.42	0.1746
41	30	60	505200	2526.0	DFT-s-OFDM 64 QAM	1@1	24.33	22.1	0.1622
41	30	60	505200	2526.0	DFT-s-OFDM 64 QAM	1@160	23.98	21.75	0.1496
41	30	60	505200	2526.0	DFT-s-OFDM 256 QAM	81@40	22.86	20.63	0.1156
41	30	60	505200	2526.0	DFT-s-OFDM 256 QAM	1@1	22.97	20.74	0.1186
41	30	60	505200	2526.0	DFT-s-OFDM 256 QAM	1@160	22.18	19.95	0.0989
41	30	60	505200	2526.0	CP-OFDM QPSK	81@40	24.57	22.34	0.1714
41	30	60	505200	2526.0	CP-OFDM QPSK	1@1	25.11	22.88	0.1941
41	30	60	505200	2526.0	CP-OFDM QPSK	1@160	23.98	21.75	0.1496
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	81@40	24.15	21.92	0.1556

41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.61	22.38	0.173
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@160	23.26	21.03	0.1268
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	24.23	22	0.1585
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.6	22.37	0.1726
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	23.33	21.1	0.1288
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	24.31	22.08	0.1614
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.46	22.23	0.1671
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	23.3	21.07	0.1279
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	81@40	24.3	22.07	0.1611
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.44	22.21	0.1663
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@160	23.18	20.95	0.1245
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	81@40	23.17	20.94	0.1242
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	23.06	20.83	0.1211
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@160	21.8	19.57	0.0906
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	24.29	22.06	0.1607
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	24.77	22.54	0.1795
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	23.74	21.51	0.1416
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	81@40	24.09	21.86	0.1535
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	24.47	22.24	0.1675
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	23.49	21.26	0.1337
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	24.51	22.28	0.169
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.46	22.23	0.1671
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	23.34	21.11	0.1291
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	24.49	22.26	0.1683

41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	25	22.77	0.1892
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	24.06	21.83	0.1524
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	81@40	24.47	22.24	0.1675
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	24.41	22.18	0.1652
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@160	23.83	21.6	0.1445
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	81@40	22.76	20.53	0.113
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	22.95	20.72	0.118
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@160	22.38	20.15	0.1035
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	24.18	21.95	0.1567
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	24.63	22.4	0.1738
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	23.8	21.57	0.1435
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	108@54	24.54	22.31	0.1702
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	24.53	22.3	0.1698
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@215	24.2	21.97	0.1574
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	24.47	22.24	0.1675
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.25	22.02	0.1592
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	24.51	22.28	0.169
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	24.3	22.07	0.1611
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.19	21.96	0.157
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	24.53	22.3	0.1698
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	108@54	24.61	22.38	0.173
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	24.27	22.04	0.16
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@215	24.26	22.03	0.1596
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	108@54	22.81	20.58	0.1143

41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	22.79	20.56	0.1138
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@215	23.05	20.82	0.1208
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	24.22	21.99	0.1581
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	24.31	22.08	0.1614
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	24.3	22.07	0.1611
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	24.17	21.94	0.1563
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.16	21.93	0.156
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@215	24.07	21.84	0.1528
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	24.64	22.41	0.1742
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.35	22.12	0.1629
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	24.51	22.28	0.169
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	24.41	22.18	0.1652
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.35	22.12	0.1629
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.6	22.37	0.1726
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	108@54	24.23	22	0.1585
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.04	21.81	0.1517
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@215	24.59	22.36	0.1722
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	108@54	22.89	20.66	0.1164
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.57	20.34	0.1081
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@215	22.6	20.37	0.1089
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	24.39	22.16	0.1644
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	24.14	21.91	0.1552
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	24.47	22.24	0.1675
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	108@54	24.42	22.19	0.1656

41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	23.81	21.58	0.1439
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@215	24.39	22.16	0.1644
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	24.04	21.81	0.1517
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	23.85	21.62	0.1452
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	24.01	21.78	0.1507
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.47	22.24	0.1675
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.28	22.05	0.1603
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	23.98	21.75	0.1496
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	108@54	24.09	21.86	0.1535
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	24.33	22.1	0.1622
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@215	24.43	22.2	0.166
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	108@54	23	20.77	0.1194
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	22.29	20.06	0.1014
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@215	22.4	20.17	0.104
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	24.36	22.13	0.1633
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	24.22	21.99	0.1581
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	23.87	21.64	0.1459
41	30	90	508200	2541.0	DFT-s-OFDM PI/2 BPSK	120@60	24.36	22.13	0.1633
41	30	90	508200	2541.0	DFT-s-OFDM PI/2 BPSK	1@1	24.23	22	0.1585
41	30	90	508200	2541.0	DFT-s-OFDM PI/2 BPSK	1@243	24.61	22.38	0.173
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	120@60	24.25	22.02	0.1592
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@1	24.15	21.92	0.1556
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@243	24.23	22	0.1585
41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	120@60	24.54	22.31	0.1702

41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	1@1	24.15	21.92	0.1556
41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	1@243	24.37	22.14	0.1637
41	30	90	508200	2541.0	DFT-s-OFDM 64 QAM	120@60	24.31	22.08	0.1614
41	30	90	508200	2541.0	DFT-s-OFDM 64 QAM	1@1	24.16	21.93	0.156
41	30	90	508200	2541.0	DFT-s-OFDM 64 QAM	1@243	24.42	22.19	0.1656
41	30	90	508200	2541.0	DFT-s-OFDM 256 QAM	120@60	23.05	20.82	0.1208
41	30	90	508200	2541.0	DFT-s-OFDM 256 QAM	1@1	22.73	20.5	0.1122
41	30	90	508200	2541.0	DFT-s-OFDM 256 QAM	1@243	22.75	20.52	0.1127
41	30	90	508200	2541.0	CP-OFDM QPSK	123@61	24.41	22.18	0.1652
41	30	90	508200	2541.0	CP-OFDM QPSK	1@1	24.43	22.2	0.166
41	30	90	508200	2541.0	CP-OFDM QPSK	1@243	24.54	22.31	0.1702
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	24.28	22.05	0.1603
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.15	21.92	0.1556
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	24.64	22.41	0.1742
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	24.58	22.35	0.1718
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.07	21.84	0.1528
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	24.63	22.4	0.1738
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	24.37	22.14	0.1637
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.45	22.22	0.1667
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	23.96	21.73	0.1489
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	120@60	24.58	22.35	0.1718
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.15	21.92	0.1556
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@243	24.59	22.36	0.1722
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	120@60	23.13	20.9	0.123

41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.55	20.32	0.1076
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@243	22.91	20.68	0.1169
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	24.26	22.03	0.1596
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	24.22	21.99	0.1581
41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	24.2	21.97	0.1574
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	24.04	21.81	0.1517
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.48	22.25	0.1679
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	23.95	21.72	0.1486
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	24.05	21.82	0.1521
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	23.98	21.75	0.1496
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	24.08	21.85	0.1531
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.01	21.78	0.1507
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.38	22.15	0.1641
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	24.37	22.14	0.1637
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	120@60	24.5	22.27	0.1687
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	24.12	21.89	0.1545
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@243	24.1	21.87	0.1538
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	120@60	23.01	20.78	0.1197
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	22.58	20.35	0.1084
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@243	22.42	20.19	0.1045
41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	24.18	21.95	0.1567
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	24.38	22.15	0.1641
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	23.96	21.73	0.1489
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	23.55	21.32	0.1355

41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	23.98	21.75	0.1496
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.03	21.8	0.1514
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	23.9	21.67	0.1469
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	23.65	21.42	0.1387
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	23.76	21.53	0.1422
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	23.94	21.71	0.1483
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	23.86	21.63	0.1455
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.77	21.54	0.1426
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.74	21.51	0.1416
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	24.21	21.98	0.1578
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	24.41	22.18	0.1652
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	22.64	20.41	0.1099
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	22.71	20.48	0.1117
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	22.79	20.56	0.1138
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.99	21.76	0.15
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.55	21.32	0.1355
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.1	21.87	0.1538
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	23.55	21.32	0.1355
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	23.66	21.43	0.139
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	23.7	21.47	0.1403
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	23.59	21.36	0.1368
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	23.72	21.49	0.1409
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	23.65	21.42	0.1387
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	23.97	21.74	0.1493

41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.64	21.41	0.1384
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	23.95	21.72	0.1486
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	24	21.77	0.1503
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.41	21.18	0.1312
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	24.2	21.97	0.1574
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	22.16	19.93	0.0984
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.22	19.99	0.0998
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	22.32	20.09	0.1021
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.05	21.82	0.1521
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.14	20.91	0.1233
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.09	21.86	0.1535
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	135@67	23.88	21.65	0.1462
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@1	23.4	21.17	0.1309
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@271	23.44	21.21	0.1321
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	135@67	24	21.77	0.1503
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@1	23.4	21.17	0.1309
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@271	23.61	21.38	0.1374
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	135@67	24.03	21.8	0.1514
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@1	23.71	21.48	0.1406
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@271	23.76	21.53	0.1422
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	135@67	25.17	22.94	0.1968
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@1	23.55	21.32	0.1355
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@271	23.63	21.4	0.138
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	135@67	22.15	19.92	0.0982

41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@1	22.02	19.79	0.0953
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@271	22.53	20.3	0.1072
41	30	100	528000	2640.0	CP-OFDM QPSK	137@68	23.63	21.4	0.138
41	30	100	528000	2640.0	CP-OFDM QPSK	1@1	23.38	21.15	0.1303
41	30	100	528000	2640.0	CP-OFDM QPSK	1@271	23.47	21.24	0.133

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00675	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00697	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00706	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00451	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.004	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00521	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.0049	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00631	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00391	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00579	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00595	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00487	PASS	50°C

Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	7.09	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	6.22	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	7.98	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	7.72	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	7.08	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	6.42	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.17	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	7.9	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	7.38	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	6.66	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	8.31	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	8.27	13	PASS