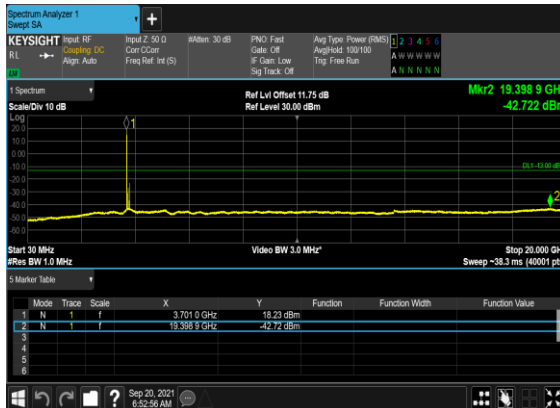
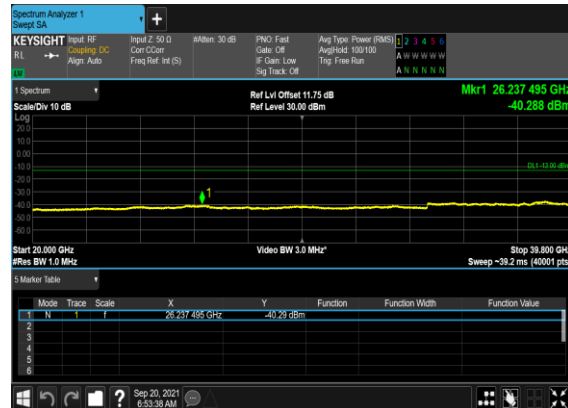


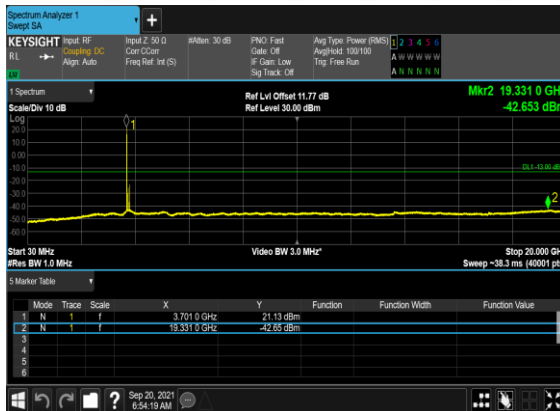
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



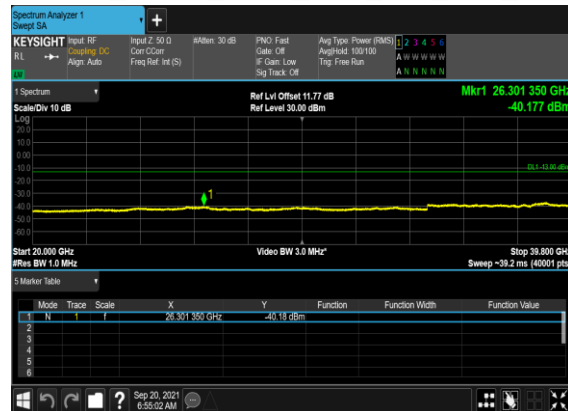
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



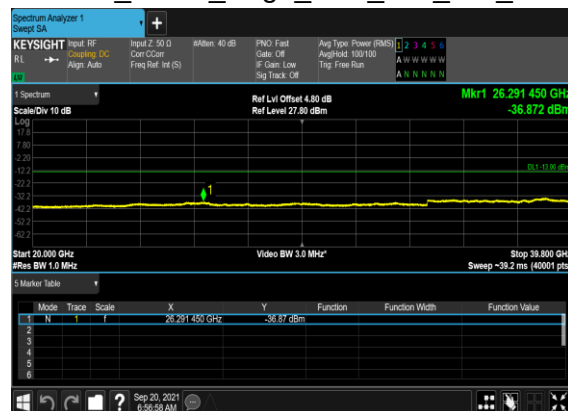
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



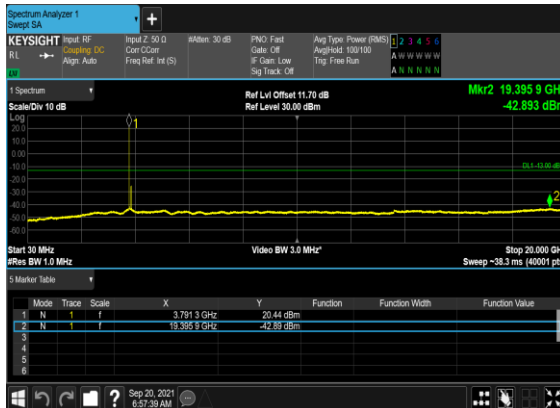
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



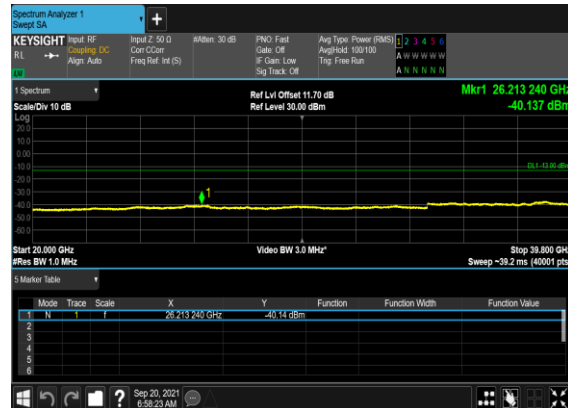
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



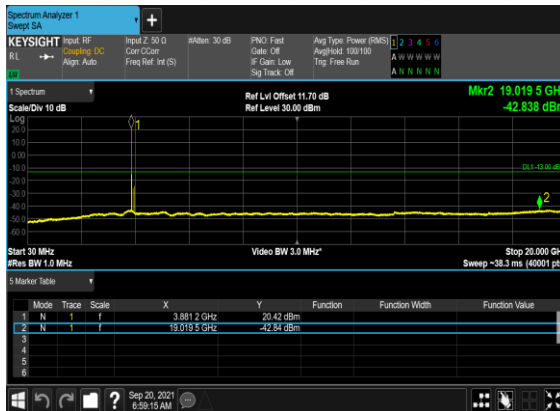
N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



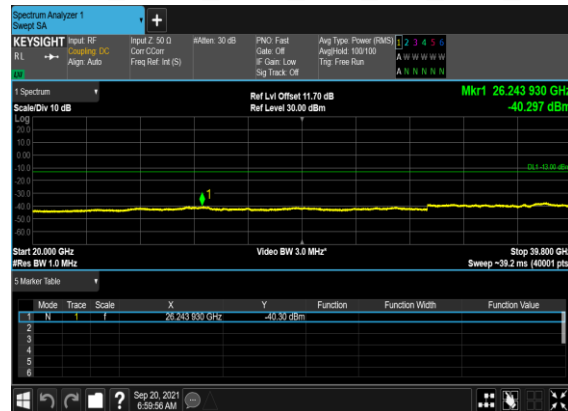
N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



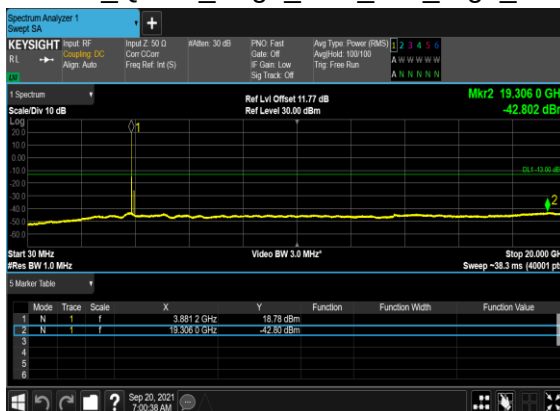
N77(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



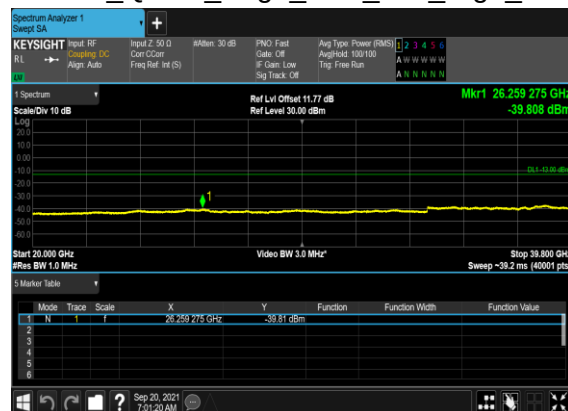
N77(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH

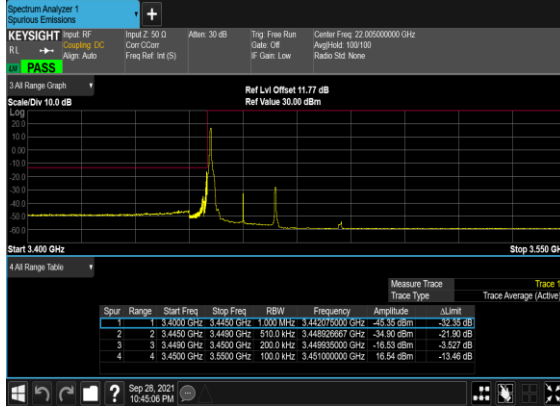


Conducted Band Edge

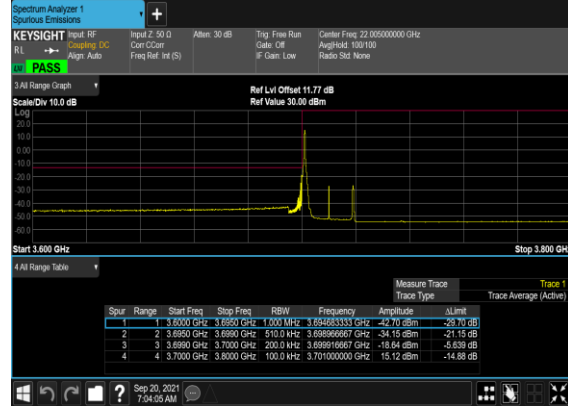
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0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

N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



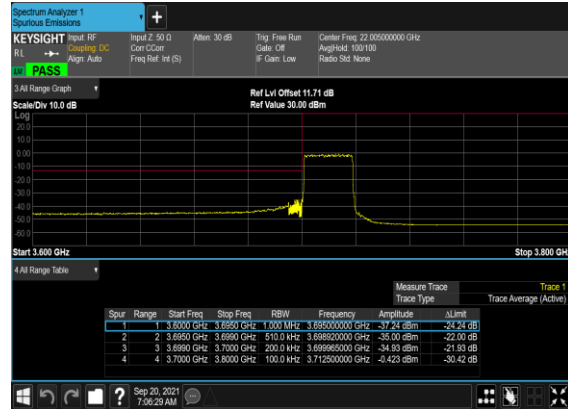
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



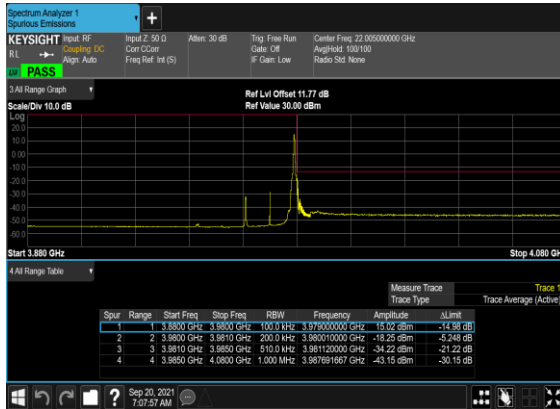
N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



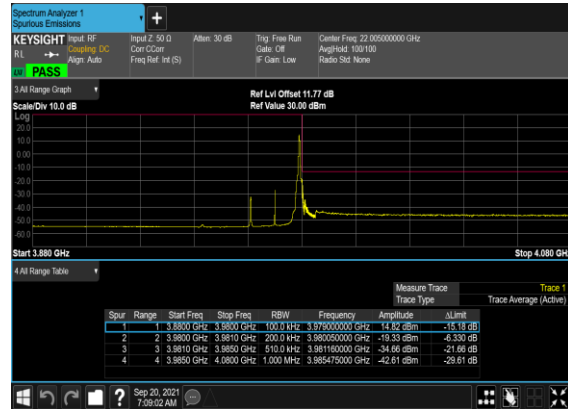
N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



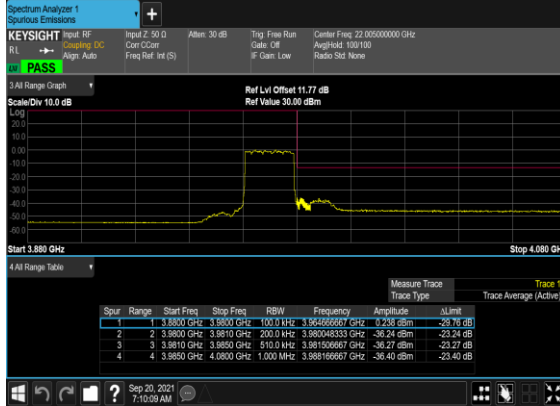
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



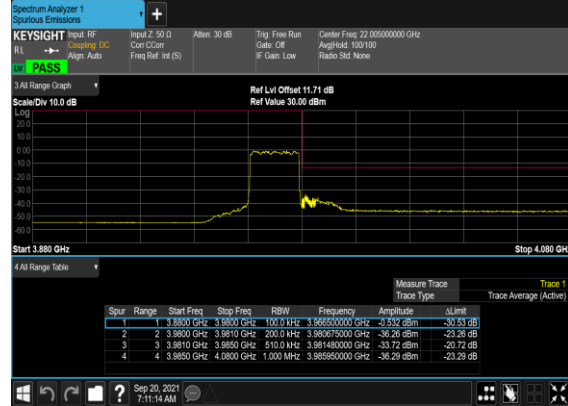
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



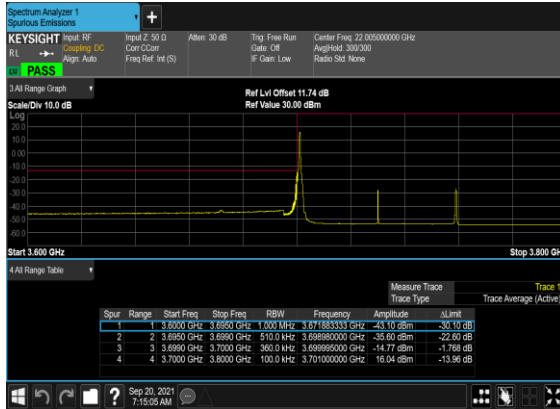
N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



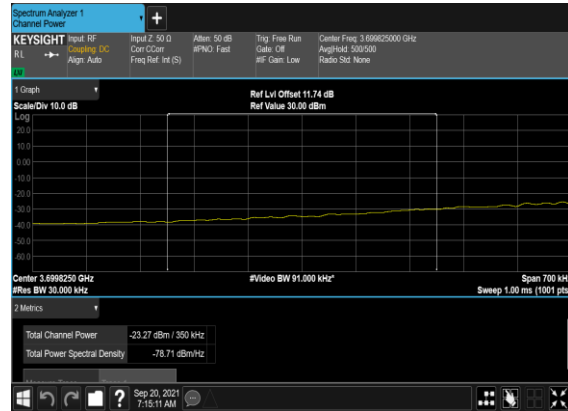
N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



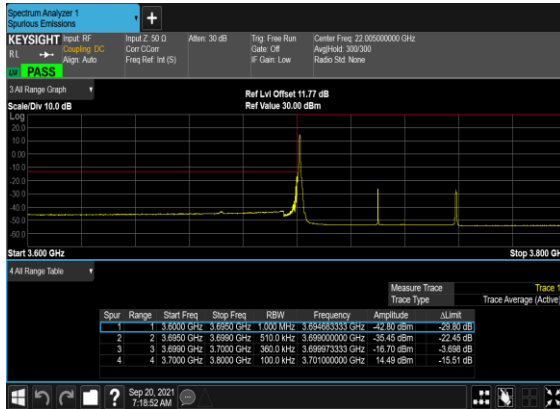
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



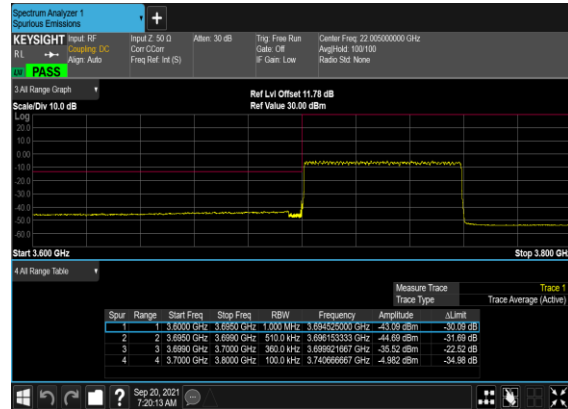
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_ PASS



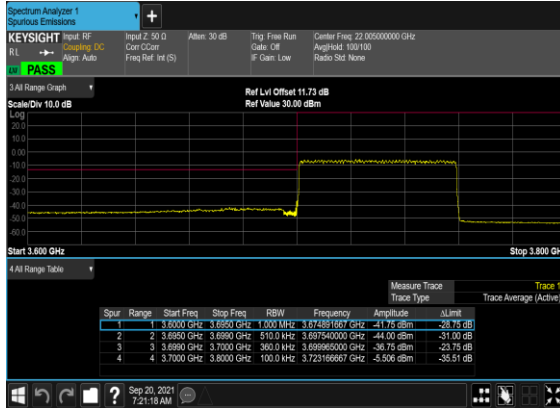
N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(60M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



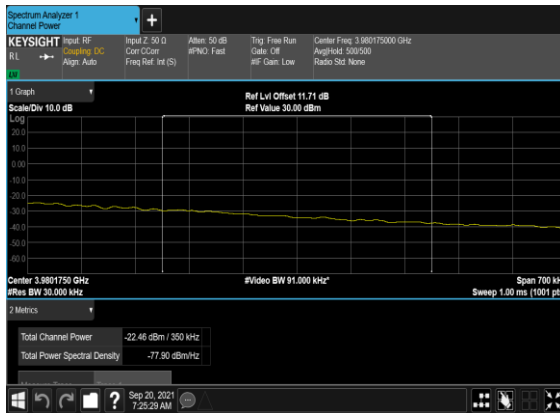
N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



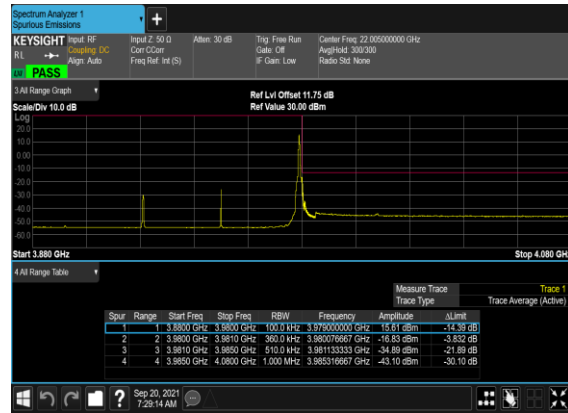
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



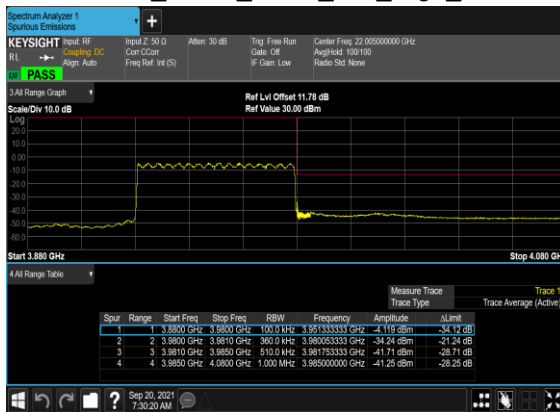
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_ch
P_PASS



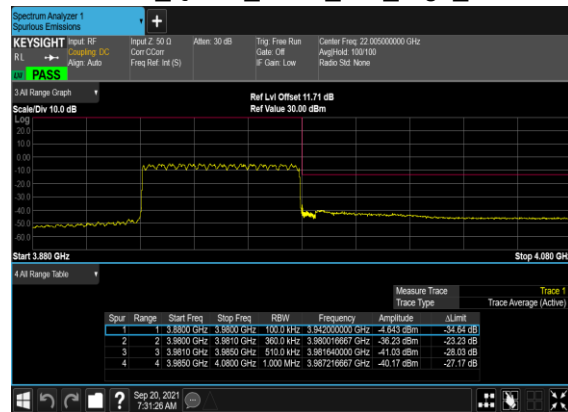
N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



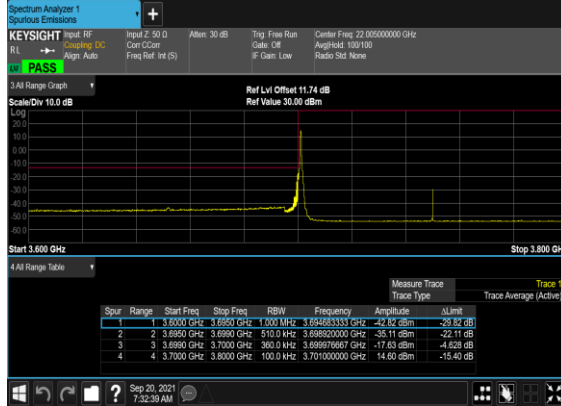
N77(60M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



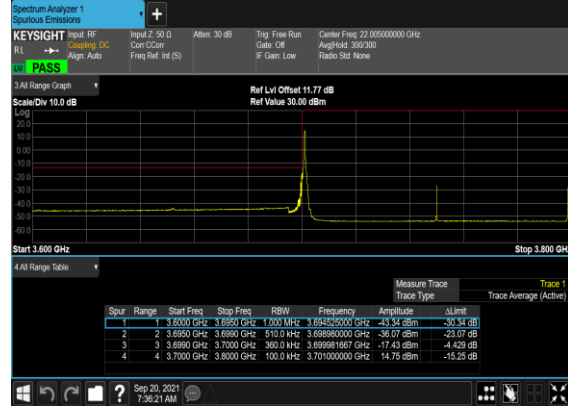
N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



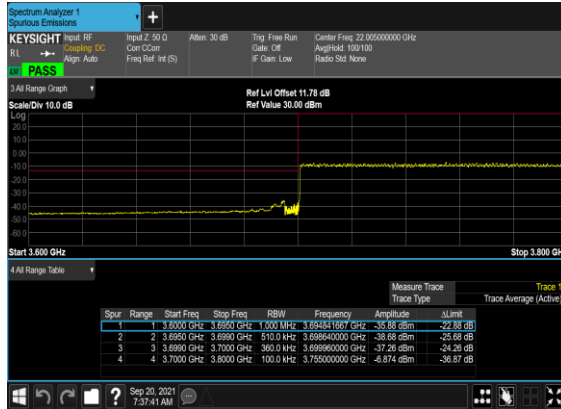
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



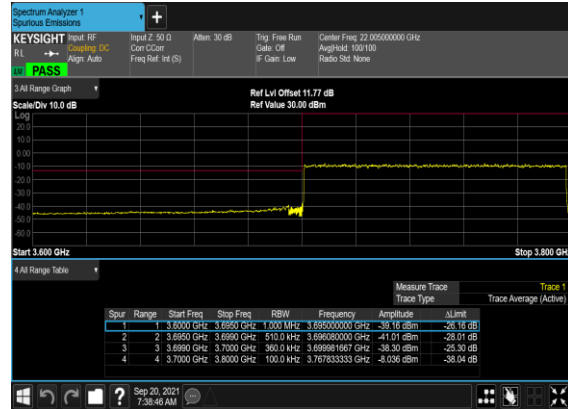
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



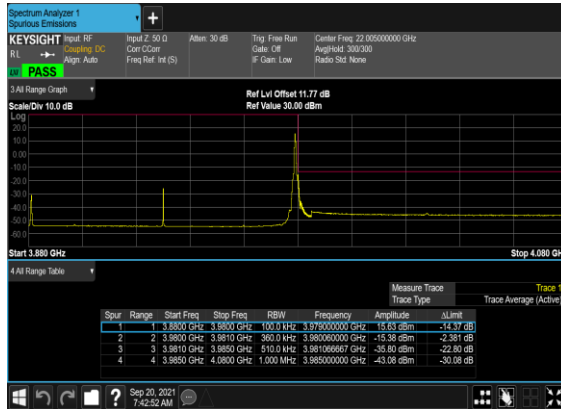
N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



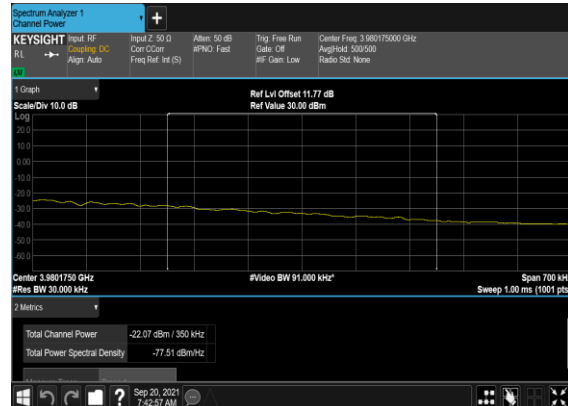
N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



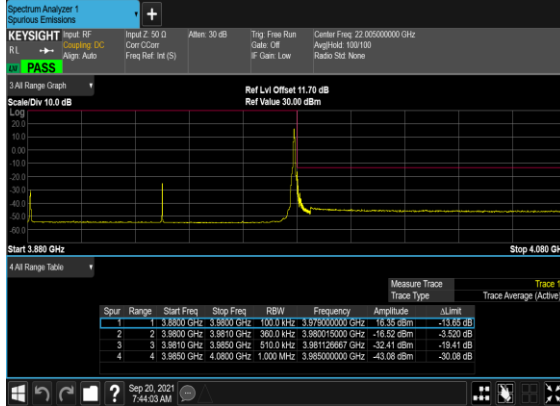
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_ch
P_PASS



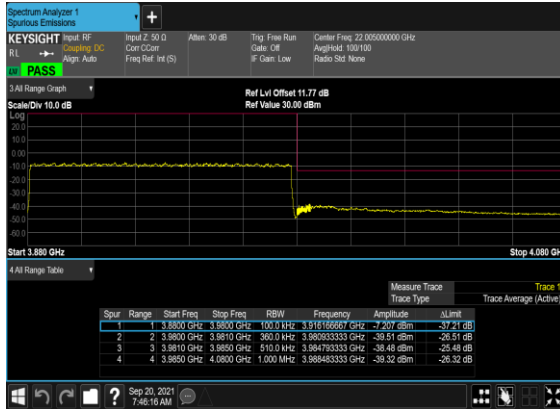
N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N78

Transmitter Conducted Output Power And ERP/EIRP

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	23.59	16.79	0.0478
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	23.75	16.95	0.0495
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	23.75	16.95	0.0495
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	23.63	16.83	0.0482
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.72	16.92	0.0492
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	23.7	16.9	0.0490
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	21.69	14.89	0.0308
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	21.6	14.8	0.0302
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	21.56	14.76	0.0299
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	20.3	13.5	0.0224
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	20.1	13.3	0.0214
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	20.09	13.29	0.0213
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	18.44	11.64	0.0146
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	18.42	11.62	0.0145
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	18.39	11.59	0.0144
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	21.23	14.43	0.0277
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	21.29	14.49	0.0281
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	21.23	14.43	0.0277
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	23.74	16.94	0.0494
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.67	16.87	0.0486
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	23.68	16.88	0.0488

78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	23.67	16.87	0.0486
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	23.79	16.99	0.0500
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	23.83	17.03	0.0505
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	21.78	14.98	0.0315
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.76	14.96	0.0313
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	21.69	14.89	0.0308
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	20.28	13.48	0.0223
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.19	13.39	0.0218
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	20.24	13.44	0.0221
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	18.3	11.5	0.0141
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.32	11.52	0.0142
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	18.36	11.56	0.0143
78	30	20	650000	3750	CP-OFDM QPSK	25@12	21.18	14.38	0.0274
78	30	20	650000	3750	CP-OFDM QPSK	1@1	21.34	14.54	0.0284
78	30	20	650000	3750	CP-OFDM QPSK	1@49	21.38	14.58	0.0287
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	23.65	16.85	0.0484
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	23.53	16.73	0.0471
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	23.52	16.72	0.0470
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	23.75	16.95	0.0495
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	23.51	16.71	0.0469
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	23.65	16.85	0.0484
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	21.71	14.91	0.0310
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.83	15.03	0.0318
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	21.44	14.64	0.0291

78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	20.21	13.41	0.0219
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	20.12	13.32	0.0215
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	20.01	13.21	0.0209
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	18.21	11.41	0.0138
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	18.16	11.36	0.0137
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	18.09	11.29	0.0135
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	21.14	14.34	0.0272
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	21.2	14.4	0.0275
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	21.22	14.42	0.0277
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	23.63	16.83	0.0482
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	23.7	16.9	0.0490
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	23.75	16.95	0.0495
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	23.7	16.9	0.0490
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	23.7	16.9	0.0490
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	23.69	16.89	0.0489
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	21.45	14.65	0.0292
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	21.55	14.75	0.0299
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	21.65	14.85	0.0305
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	20.33	13.53	0.0225
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	20.1	13.3	0.0214
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	20.09	13.29	0.0213
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	18.29	11.49	0.0141
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	18.46	11.66	0.0147
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	18.39	11.59	0.0144

78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	21.22	14.42	0.0277
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	21.31	14.51	0.0282
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	21.26	14.46	0.0279
78	30	30	650000	3750	DFT-s- OFDM PI/2 BPSK	36@18	23.8	17	0.0501
78	30	30	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	23.75	16.95	0.0495
78	30	30	650000	3750	DFT-s- OFDM PI/2 BPSK	1@76	23.82	17.02	0.0504
78	30	30	650000	3750	DFT-s- OFDM QPSK	36@18	23.67	16.87	0.0486
78	30	30	650000	3750	DFT-s- OFDM QPSK	1@1	23.81	17.01	0.0502
78	30	30	650000	3750	DFT-s- OFDM QPSK	1@76	23.67	16.87	0.0486
78	30	30	650000	3750	DFT-s- OFDM 16 QAM	36@18	21.85	15.05	0.0320
78	30	30	650000	3750	DFT-s- OFDM 16 QAM	1@1	21.89	15.09	0.0323
78	30	30	650000	3750	DFT-s- OFDM 16 QAM	1@76	21.68	14.88	0.0308
78	30	30	650000	3750	DFT-s- OFDM 64 QAM	36@18	20.25	13.45	0.0221
78	30	30	650000	3750	DFT-s- OFDM 64 QAM	1@1	20.39	13.59	0.0229
78	30	30	650000	3750	DFT-s- OFDM 64 QAM	1@76	20.25	13.45	0.0221
78	30	30	650000	3750	DFT-s- OFDM 256 QAM	36@18	18.31	11.51	0.0142
78	30	30	650000	3750	DFT-s- OFDM 256 QAM	1@1	18.36	11.56	0.0143
78	30	30	650000	3750	DFT-s- OFDM 256 QAM	1@76	18.37	11.57	0.0144
78	30	30	650000	3750	CP-OFDM QPSK	39@19	21.24	14.44	0.0278
78	30	30	650000	3750	CP-OFDM QPSK	1@1	21.2	14.4	0.0275
78	30	30	650000	3750	CP-OFDM QPSK	1@76	21.23	14.43	0.0277
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	36@18	23.61	16.81	0.0480
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	1@1	23.6	16.8	0.0479
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	1@76	23.79	16.99	0.0500
78	30	30	652332	3784.98	DFT-s- OFDM QPSK	36@18	23.73	16.93	0.0493

78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	23.7	16.9	0.0490
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	23.75	16.95	0.0495
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	21.7	14.9	0.0309
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	21.66	14.86	0.0306
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	21.75	14.95	0.0313
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	36@18	20.3	13.5	0.0224
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@1	20.23	13.43	0.0220
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@76	20.21	13.41	0.0219
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	36@18	18.19	11.39	0.0138
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@1	18.32	11.52	0.0142
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@76	18.38	11.58	0.0144
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	21.13	14.33	0.0271
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	21.18	14.38	0.0274
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	21.22	14.42	0.0277
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	23.72	16.92	0.0492
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	23.82	17.02	0.0504
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	23.86	17.06	0.0508
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	23.71	16.91	0.0491
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	23.65	16.85	0.0484
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	23.76	16.96	0.0497
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.46	14.66	0.0292
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	21.65	14.85	0.0305
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	21.89	15.09	0.0323
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	20.24	13.44	0.0221

78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	20.26	13.46	0.0222
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	20.38	13.58	0.0228
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	18.39	11.59	0.0144
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	18.55	11.75	0.0150
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	18.38	11.58	0.0144
78	30	40	648000	3720	CP-OFDM QPSK	53@26	21.26	14.46	0.0279
78	30	40	648000	3720	CP-OFDM QPSK	1@1	21.31	14.51	0.0282
78	30	40	648000	3720	CP-OFDM QPSK	1@104	21.38	14.58	0.0287
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	23.81	17.01	0.0502
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.94	17.14	0.0518
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	23.85	17.05	0.0507
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	23.88	17.08	0.0511
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.9	17.1	0.0513
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	23.9	17.1	0.0513
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	21.8	15	0.0316
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.86	15.06	0.0321
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	21.77	14.97	0.0314
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	20.25	13.45	0.0221
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.17	13.37	0.0217
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	20.44	13.64	0.0231
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	18.35	11.55	0.0143
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.53	11.73	0.0149
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	18.44	11.64	0.0146
78	30	40	650000	3750	CP-OFDM QPSK	53@26	21.33	14.53	0.0284
78	30	40	650000	3750	CP-OFDM QPSK	1@1	21.33	14.53	0.0284

78	30	40	650000	3750	CP-OFDM QPSK	1@104	21.39	14.59	0.0288
78	30	40	652000	3780	DFT-s- OFDM PI/2 BPSK	50@25	23.63	16.83	0.0482
78	30	40	652000	3780	DFT-s- OFDM PI/2 BPSK	1@1	23.87	17.07	0.0509
78	30	40	652000	3780	DFT-s- OFDM PI/2 BPSK	1@104	23.89	17.09	0.0512
78	30	40	652000	3780	DFT-s- OFDM QPSK	50@25	23.59	16.79	0.0478
78	30	40	652000	3780	DFT-s- OFDM QPSK	1@1	23.83	17.03	0.0505
78	30	40	652000	3780	DFT-s- OFDM QPSK	1@104	23.96	17.16	0.0520
78	30	40	652000	3780	DFT-s- OFDM 16 QAM	50@25	21.82	15.02	0.0318
78	30	40	652000	3780	DFT-s- OFDM 16 QAM	1@1	21.88	15.08	0.0322
78	30	40	652000	3780	DFT-s- OFDM 16 QAM	1@104	21.94	15.14	0.0327
78	30	40	652000	3780	DFT-s- OFDM 64 QAM	50@25	20.24	13.44	0.0221
78	30	40	652000	3780	DFT-s- OFDM 64 QAM	1@1	20.24	13.44	0.0221
78	30	40	652000	3780	DFT-s- OFDM 64 QAM	1@104	20.39	13.59	0.0229
78	30	40	652000	3780	DFT-s- OFDM 256 QAM	50@25	18.39	11.59	0.0144
78	30	40	652000	3780	DFT-s- OFDM 256 QAM	1@1	18.58	11.78	0.0151
78	30	40	652000	3780	DFT-s- OFDM 256 QAM	1@104	18.54	11.74	0.0149
78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.2	14.4	0.0275
78	30	40	652000	3780	CP-OFDM QPSK	1@1	21.41	14.61	0.0289
78	30	40	652000	3780	CP-OFDM QPSK	1@104	21.59	14.79	0.0301
78	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	64@32	23.55	16.75	0.0473
78	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	1@1	23.52	16.72	0.0470
78	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	1@131	23.48	16.68	0.0466
78	30	50	648334	3725.01	DFT-s- OFDM QPSK	64@32	23.61	16.81	0.0480
78	30	50	648334	3725.01	DFT-s- OFDM QPSK	1@1	23.45	16.65	0.0462

78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	23.52	16.72	0.0470
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	21.43	14.63	0.0290
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	21.52	14.72	0.0296
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	21.53	14.73	0.0297
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	20.12	13.32	0.0215
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	19.91	13.11	0.0205
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	19.98	13.18	0.0208
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	18.23	11.43	0.0139
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.32	11.52	0.0142
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	18.22	11.42	0.0139
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	21.03	14.23	0.0265
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	20.9	14.1	0.0257
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	21.03	14.23	0.0265
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	23.66	16.86	0.0485
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.46	16.66	0.0463
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	23.53	16.73	0.0471
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	17.84	11.04	0.0127
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	23.48	16.68	0.0466
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	23.36	16.56	0.0453
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	21.64	14.84	0.0305
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.45	14.65	0.0292
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	21.47	14.67	0.0293
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	20.04	13.24	0.0211
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	20	13.2	0.0209

78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	19.96	13.16	0.0207
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	18.21	11.41	0.0138
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.31	11.51	0.0142
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	18.11	11.31	0.0135
78	30	50	650000	3750	CP-OFDM QPSK	67@33	21.16	14.36	0.0273
78	30	50	650000	3750	CP-OFDM QPSK	1@1	21.02	14.22	0.0264
78	30	50	650000	3750	CP-OFDM QPSK	1@131	20.87	14.07	0.0255
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	23.61	16.81	0.0480
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	23.61	16.81	0.0480
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	23.57	16.77	0.0475
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	23.52	16.72	0.0470
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	23.46	16.66	0.0463
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	16.61	9.81	0.0096
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	21.34	14.54	0.0284
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.52	14.72	0.0296
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.55	14.75	0.0299
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.08	13.28	0.0213
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	19.96	13.16	0.0207
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	20.03	13.23	0.0210
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.1	11.3	0.0135
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	18.02	11.22	0.0132
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	18.12	11.32	0.0136
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.1	14.3	0.0269
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	20.96	14.16	0.0261
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	20.98	14.18	0.0262

78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	23.55	16.75	0.0473
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	23.43	16.63	0.0460
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	23.55	16.75	0.0473
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	23.55	16.75	0.0473
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	23.41	16.61	0.0458
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	23.51	16.71	0.0469
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	21.41	14.61	0.0289
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	21.41	14.61	0.0289
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	21.56	14.76	0.0299
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	20.1	13.3	0.0214
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	19.93	13.13	0.0206
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	20.04	13.24	0.0211
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	18.25	11.45	0.0140
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	17.96	11.16	0.0131
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	18.08	11.28	0.0134
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.08	14.28	0.0268
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	20.94	14.14	0.0259
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	20.98	14.18	0.0262
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	23.27	16.47	0.0444
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.35	16.55	0.0452
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	23.45	16.65	0.0462
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	23.6	16.8	0.0479
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	23.38	16.58	0.0455
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	23.48	16.68	0.0466

78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	21.5	14.7	0.0295
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.36	14.56	0.0286
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.39	14.59	0.0288
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	20.04	13.24	0.0211
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.91	13.11	0.0205
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	19.95	13.15	0.0207
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	18.18	11.38	0.0137
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.84	11.04	0.0127
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	17.94	11.14	0.0130
78	30	60	650000	3750	CP-OFDM QPSK	81@40	21.1	14.3	0.0269
78	30	60	650000	3750	CP-OFDM QPSK	1@1	20.97	14.17	0.0261
78	30	60	650000	3750	CP-OFDM QPSK	1@160	21.06	14.26	0.0267
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	23.52	16.72	0.0470
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	23.54	16.74	0.0472
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	23.74	16.94	0.0494
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	23.61	16.81	0.0480
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	23.32	16.52	0.0449
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	16.64	9.84	0.0096
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	21.43	14.63	0.0290
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	21.51	14.71	0.0296
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.66	14.86	0.0306
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	20.03	13.23	0.0210
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	19.96	13.16	0.0207
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	20.07	13.27	0.0212

78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	18.22	11.42	0.0139
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	18	11.2	0.0132
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	18.07	11.27	0.0134
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	20.99	14.19	0.0262
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	21.01	14.21	0.0264
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	21.26	14.46	0.0279
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	23.4	16.6	0.0457
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	23.35	16.55	0.0452
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	23.46	16.66	0.0463
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	23.43	16.63	0.0460
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	23.27	16.47	0.0444
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	23.3	16.5	0.0447
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.44	14.64	0.0291
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.46	14.66	0.0292
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.38	14.58	0.0287
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.01	13.21	0.0209
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	19.86	13.06	0.0202
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	19.97	13.17	0.0207
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	18.14	11.34	0.0136
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	17.94	11.14	0.0130
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	17.91	11.11	0.0129
78	30	70	649000	3735	CP-OFDM QPSK	95@47	20.97	14.17	0.0261
78	30	70	649000	3735	CP-OFDM QPSK	1@1	20.94	14.14	0.0259
78	30	70	649000	3735	CP-OFDM QPSK	1@187	20.86	14.06	0.0255
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	23.46	16.66	0.0463

78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.45	16.65	0.0462
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	23.5	16.7	0.0468
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	23.61	16.81	0.0480
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	23.33	16.53	0.0450
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	19.53	12.73	0.0187
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	21.36	14.56	0.0286
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.52	14.72	0.0296
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.48	14.68	0.0294
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	20.05	13.25	0.0211
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.83	13.03	0.0201
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	19.9	13.1	0.0204
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	18.16	11.36	0.0137
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.09	11.29	0.0135
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	18.05	11.25	0.0133
78	30	70	650000	3750	CP-OFDM QPSK	95@47	21.03	14.23	0.0265
78	30	70	650000	3750	CP-OFDM QPSK	1@1	20.86	14.06	0.0255
78	30	70	650000	3750	CP-OFDM QPSK	1@187	20.98	14.18	0.0262
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	23.58	16.78	0.0476
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	23.52	16.72	0.0470
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	23.55	16.75	0.0473
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	23.51	16.71	0.0469
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	23.34	16.54	0.0451
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	20.33	13.53	0.0225
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	21.45	14.65	0.0292

78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	21.42	14.62	0.0290
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.45	14.65	0.0292
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	20.03	13.23	0.0210
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	19.84	13.04	0.0201
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	20.06	13.26	0.0212
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	18.05	11.25	0.0133
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	18.04	11.24	0.0133
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	18.2	11.4	0.0138
78	30	70	651000	3765	CP-OFDM QPSK	95@47	21.07	14.27	0.0267
78	30	70	651000	3765	CP-OFDM QPSK	1@1	20.96	14.16	0.0261
78	30	70	651000	3765	CP-OFDM QPSK	1@187	21.17	14.37	0.0274
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	23.44	16.64	0.0461
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	23.34	16.54	0.0451
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	23.45	16.65	0.0462
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	23.43	16.63	0.0460
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	23.14	16.34	0.0431
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	23.39	16.59	0.0456
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	21.41	14.61	0.0289
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	21.39	14.59	0.0288
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	21.35	14.55	0.0285
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	19.88	13.08	0.0203
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	19.66	12.86	0.0193
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	19.78	12.98	0.0199
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	18.04	11.24	0.0133

78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	18.01	11.21	0.0132
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	17.97	11.17	0.0131
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	20.82	14.02	0.0252
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	20.73	13.93	0.0247
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	20.91	14.11	0.0258
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	23.4	16.6	0.0457
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.28	16.48	0.0445
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	23.44	16.64	0.0461
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	23.46	16.66	0.0463
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	23.19	16.39	0.0436
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	22.47	15.67	0.0369
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	21.34	14.54	0.0284
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.11	14.31	0.0270
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	21.33	14.53	0.0284
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	19.95	13.15	0.0207
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.62	12.82	0.0191
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	19.77	12.97	0.0198
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	18.09	11.29	0.0135
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.87	11.07	0.0128
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	18.04	11.24	0.0133
78	30	80	650000	3750	CP-OFDM QPSK	109@54	20.98	14.18	0.0262
78	30	80	650000	3750	CP-OFDM QPSK	1@1	20.79	13.99	0.0251
78	30	80	650000	3750	CP-OFDM QPSK	1@215	20.93	14.13	0.0259
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	23.41	16.61	0.0458
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	23.25	16.45	0.0442

78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	23.39	16.59	0.0456
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	23.51	16.71	0.0469
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	23.37	16.57	0.0454
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	22.98	16.18	0.0415
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	21.46	14.66	0.0292
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	21.21	14.41	0.0276
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	21.49	14.69	0.0294
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	19.94	13.14	0.0206
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	19.7	12.9	0.0195
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	19.86	13.06	0.0202
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	18.06	11.26	0.0134
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	18.07	11.27	0.0134
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	18.03	11.23	0.0133
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	20.85	14.05	0.0254
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	20.78	13.98	0.0250
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	20.98	14.18	0.0262
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	23.6	16.8	0.0479
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	23.3	16.5	0.0447
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	23.58	16.78	0.0476
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	23.42	16.62	0.0459
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	23.24	16.44	0.0441
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	23.45	16.65	0.0462
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	21.5	14.7	0.0295
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	21.51	14.71	0.0296

78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	21.38	14.58	0.0287
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	19.98	13.18	0.0208
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	19.65	12.85	0.0193
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	19.94	13.14	0.0206
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	18.13	11.33	0.0136
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	17.88	11.08	0.0128
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	18.19	11.39	0.0138
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	21.08	14.28	0.0268
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	20.74	13.94	0.0248
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	21	14.2	0.0263
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	23.55	16.75	0.0473
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.37	16.57	0.0454
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	23.67	16.87	0.0486
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	23.55	16.75	0.0473
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	23.32	16.52	0.0449
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	20.49	13.69	0.0234
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	21.53	14.73	0.0297
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.13	14.33	0.0271
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	21.71	14.91	0.0310
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	19.89	13.09	0.0204
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.69	12.89	0.0195
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	19.94	13.14	0.0206
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	18.08	11.28	0.0134
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.98	11.18	0.0131

78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	18.22	11.42	0.0139
78	30	90	650000	3750	CP-OFDM QPSK	123@61	20.87	14.07	0.0255
78	30	90	650000	3750	CP-OFDM QPSK	1@1	20.72	13.92	0.0247
78	30	90	650000	3750	CP-OFDM QPSK	1@243	20.95	14.15	0.0260
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	23.45	16.65	0.0462
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	23.3	16.5	0.0447
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	23.67	16.87	0.0486
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	23.5	16.7	0.0468
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	23.35	16.55	0.0452
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	23.52	16.72	0.0470
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	21.49	14.69	0.0294
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	21.36	14.56	0.0286
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	21.32	14.52	0.0283
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	19.98	13.18	0.0208
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	19.61	12.81	0.0191
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	19.79	12.99	0.0199
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	17.98	11.18	0.0131
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	18.01	11.21	0.0132
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	18.12	11.32	0.0136
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	20.86	14.06	0.0255
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	20.79	13.99	0.0251
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	20.89	14.09	0.0256
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	23.44	16.64	0.0461
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.28	16.48	0.0445
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	23.63	16.83	0.0482

78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	23.52	16.72	0.0470
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	23.23	16.43	0.0440
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	23.56	16.76	0.0474
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.03	14.23	0.0265
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.39	14.59	0.0288
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	21.66	14.86	0.0306
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.05	13.25	0.0211
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.64	12.84	0.0192
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.98	13.18	0.0208
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.1	11.3	0.0135
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.92	11.12	0.0129
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	18.06	11.26	0.0134
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.96	14.16	0.0261
78	30	100	650000	3750	CP-OFDM QPSK	1@1	20.78	13.98	0.0250
78	30	100	650000	3750	CP-OFDM QPSK	1@271	21.02	14.22	0.0264

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Note: Pre-scanned harmonic for the different antenna, we choose the worst antenna mode to test.

SA n77 / NR 100MHz / DFT-s-OFDM / QPSK for Antenna 4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-51.91	-13	-38.91	-62.39	2.76	13.24	H
	11376	-53.85	-13	-40.85	-63.44	3.42	13.01	H
	15180	-58.49	-13	-45.49	-68.10	3.83	13.44	H
	7584	-58.59	-13	-45.59	-69.03	2.80	13.24	V
	11376	-48.50	-13	-35.50	-58.05	3.46	13.01	V
	15180	-58.60	-13	-45.60	-68.16	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

SA n78 / NR 100MHz / DFT-s-OFDM / QPSK for Antenna 4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-61.89	-13	-48.89	-72.37	2.76	13.24	H
	11106	-52.14	-13	-39.14	-61.73	3.42	13.01	H
	14820	-58.51	-13	-45.51	-68.12	3.83	13.44	H
	7410	-62.34	-13	-49.34	-72.78	2.80	13.24	V
	11106	-48.89	-13	-35.89	-58.44	3.46	13.01	V
	14820	-58.31	-13	-45.31	-67.87	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / DFT-s-OFDM / QPSK for Antenna 1+4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-60.16	-13	-47.16	-70.64	2.76	13.24	H
	11106	-52.14	-13	-39.14	-61.73	3.42	13.01	H
	14820	-57.51	-13	-44.51	-67.12	3.83	13.44	H
	7404	-58.94	-13	-45.94	-69.38	2.80	13.24	V
	11106	-51.89	-13	-38.89	-61.44	3.46	13.01	V
	14820	-57.31	-13	-44.31	-66.87	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / DFT-s-OFDM / QPSK for Antenna 1+4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-53.84	-13	-40.84	-64.32	2.76	13.24	H
	11118	-57.60	-13	-44.60	-67.19	3.42	13.01	H
	14820	-57.15	-13	-44.15	-66.76	3.83	13.44	H
	7404	-52.26	-13	-39.26	-62.70	2.80	13.24	V
	11118	-58.71	-13	-45.71	-68.26	3.46	13.01	V
	14820	-57.66	-13	-44.66	-67.22	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_38A_n78A / LTE 10MHz + NR 100MHz / DFT-s-OFDM / QPSK for Antenna 1+4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-61.00	-13	-48.00	-71.48	2.76	13.24	H
	11118	-58.68	-13	-45.68	-68.27	3.42	13.01	H
	14820	-57.00	-13	-44.00	-66.61	3.83	13.44	H
	7404	-56.09	-13	-43.09	-66.53	2.80	13.24	V
	11118	-58.71	-13	-45.71	-68.26	3.46	13.01	V
	14820	-57.76	-13	-44.76	-67.32	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.