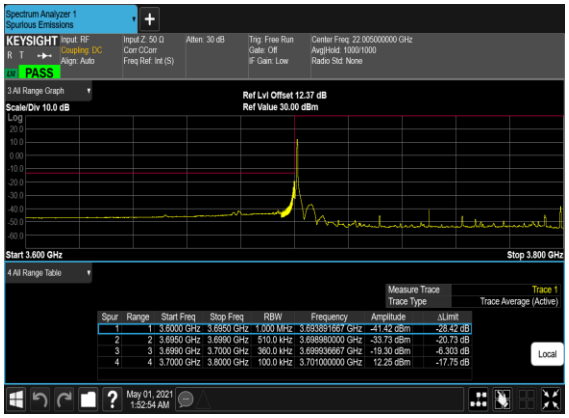
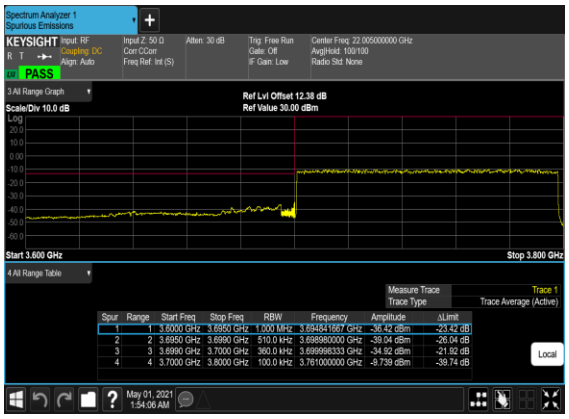
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

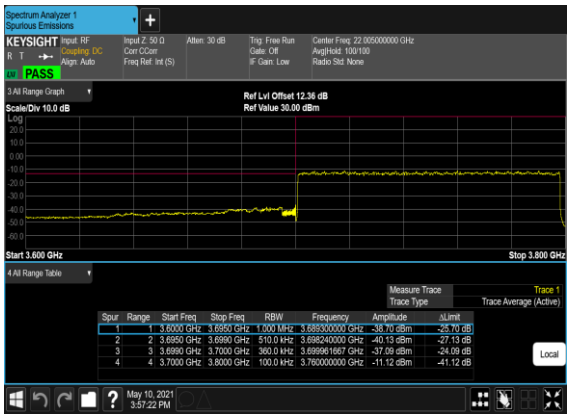


N/A

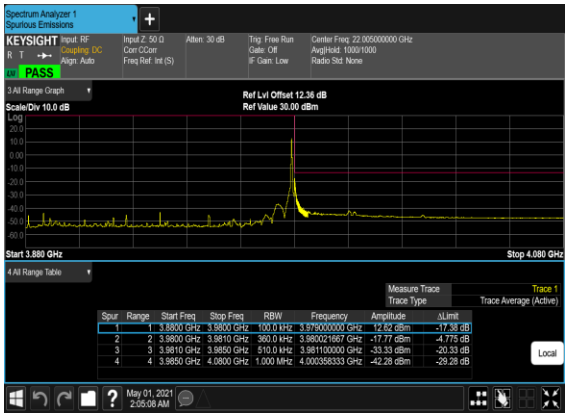
B41_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



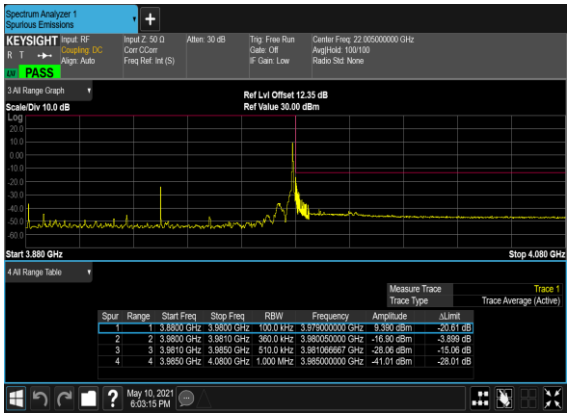
B41_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



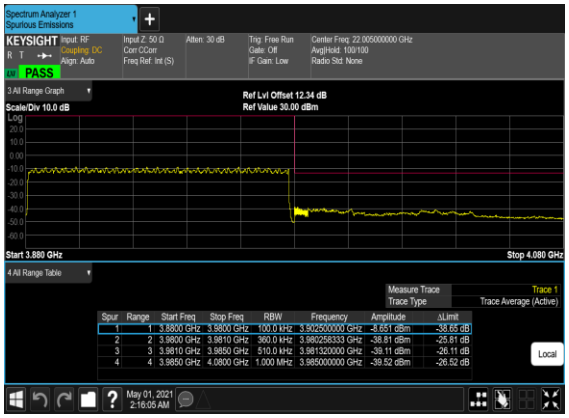
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B41_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Conducted Spurious Emissions

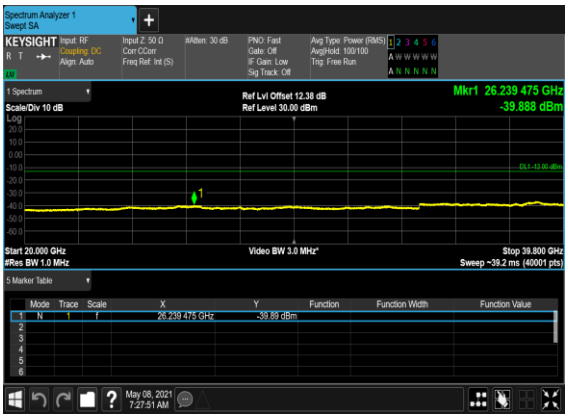
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648333	3724.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	648333	3724.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648333	3724.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@0	see graph	---

77	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663667	3955.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	663667	3955.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663667	3955.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663667	3955.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	663667	3955.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663667	3955.01	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	---

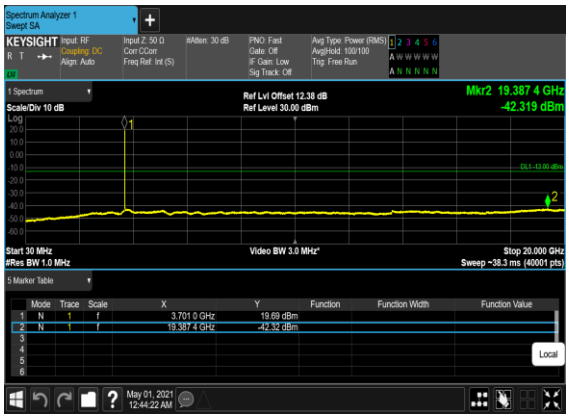
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100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

B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

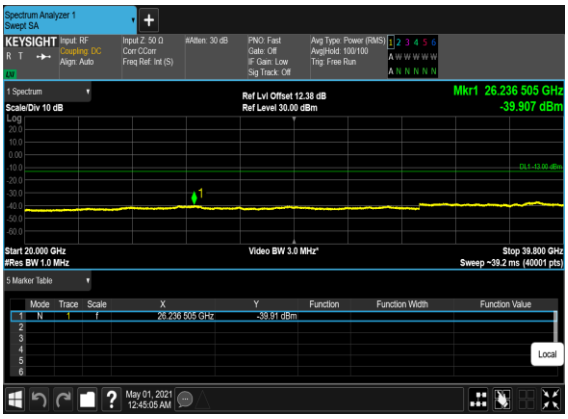
B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



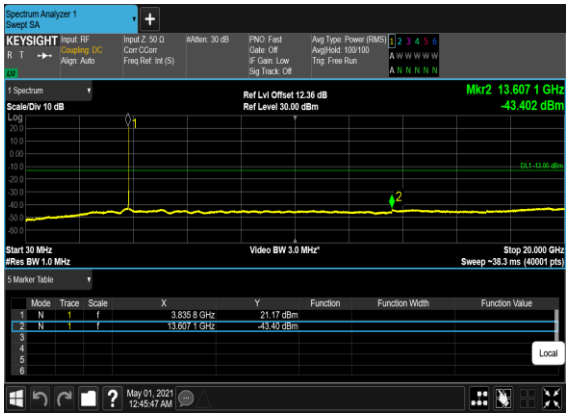
B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



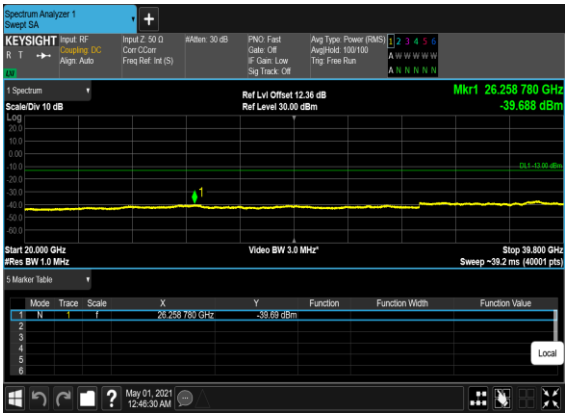
B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



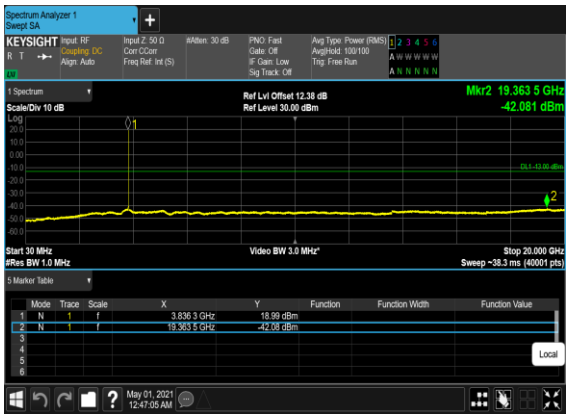
B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



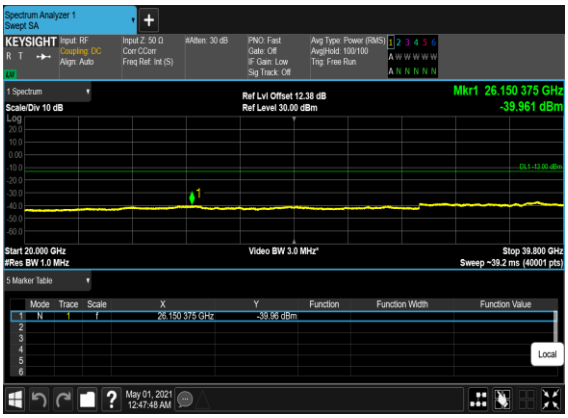
B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



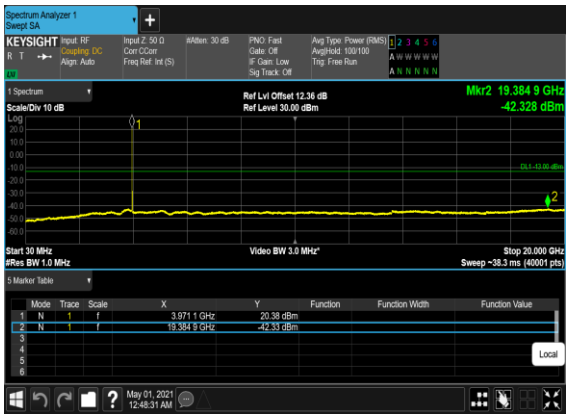
B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



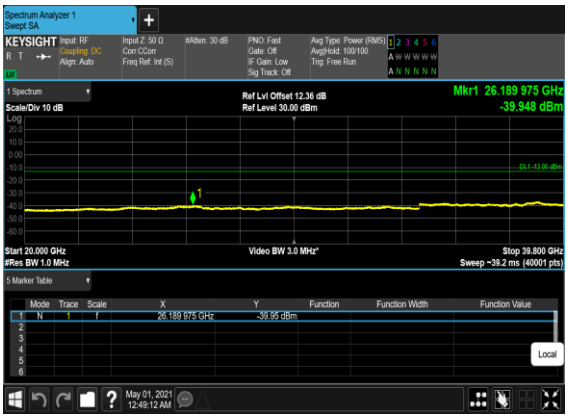
B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



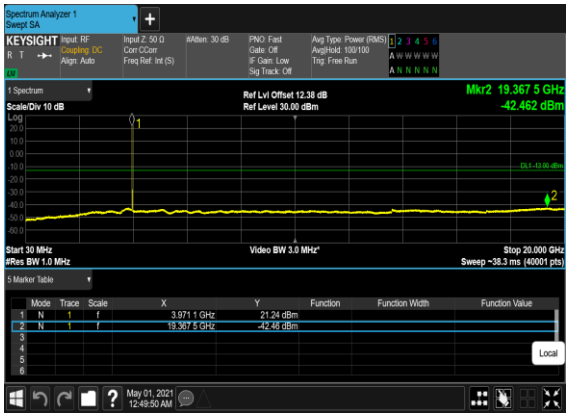
B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



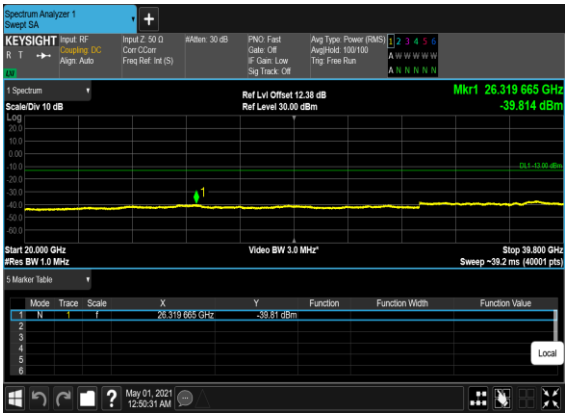
B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



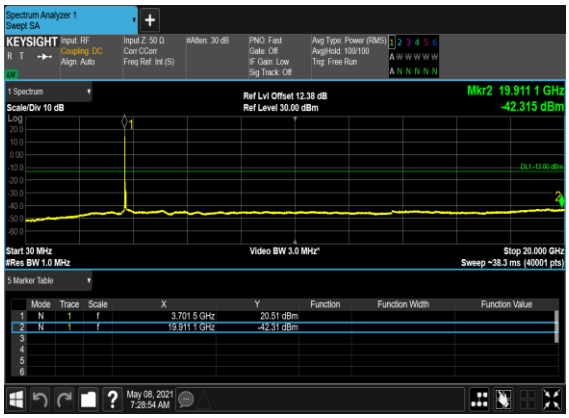
B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



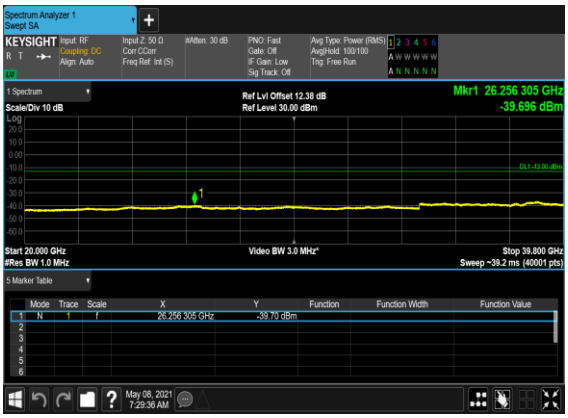
B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



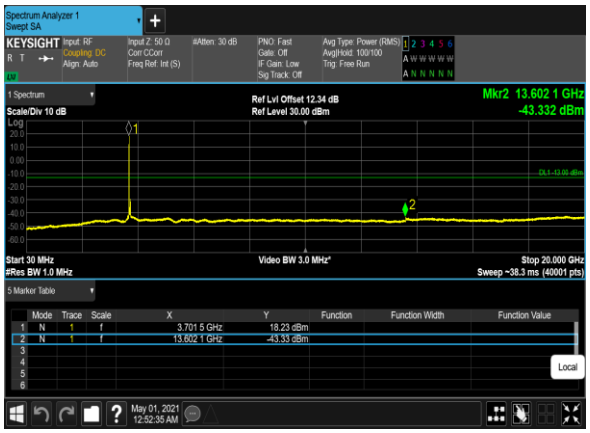
B41_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



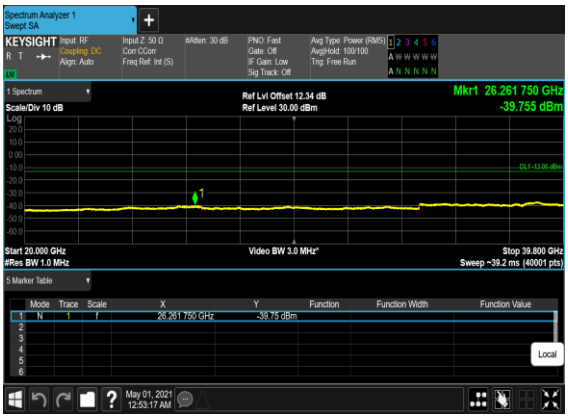
B41_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



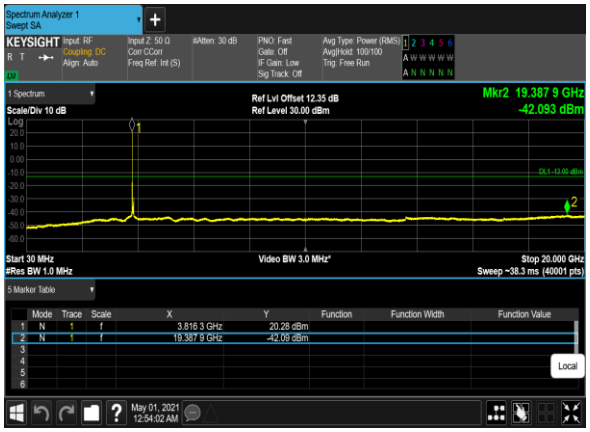
B41_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



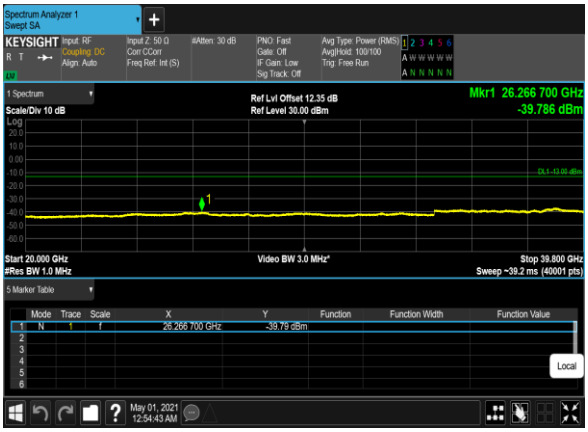
B41_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



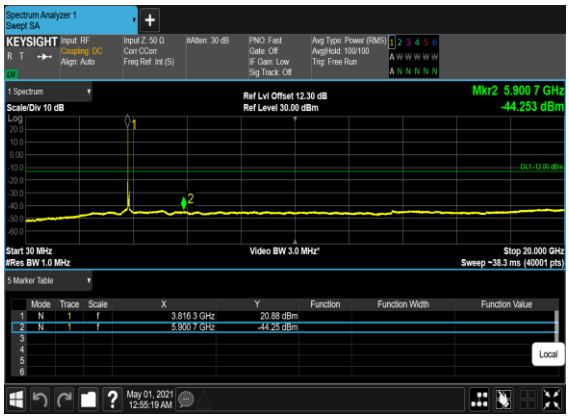
B41_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



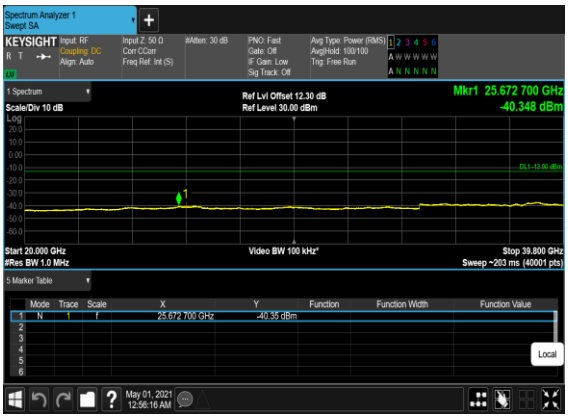
B41_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



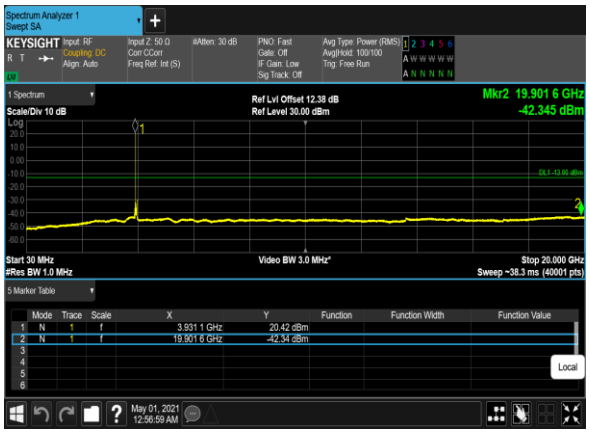
B41_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



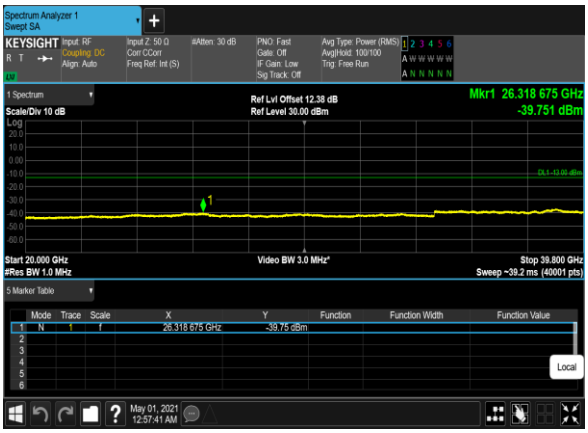
B41_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



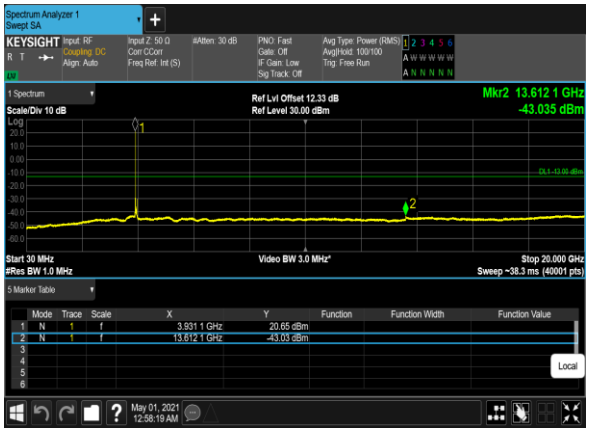
B41_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



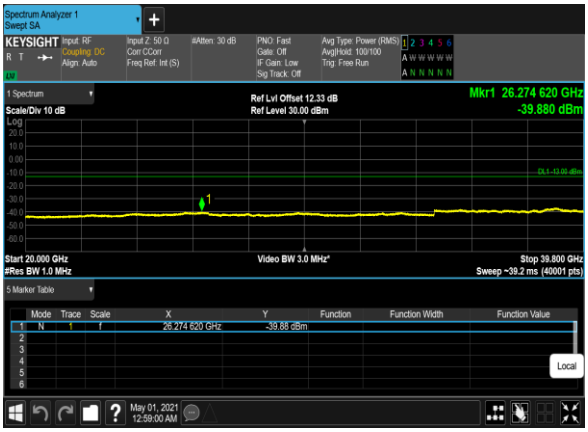
B41_N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



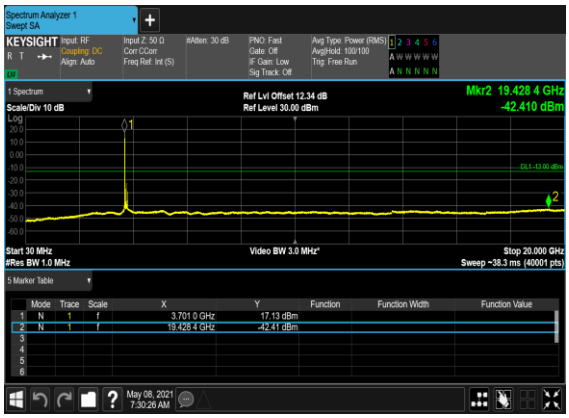
B41_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



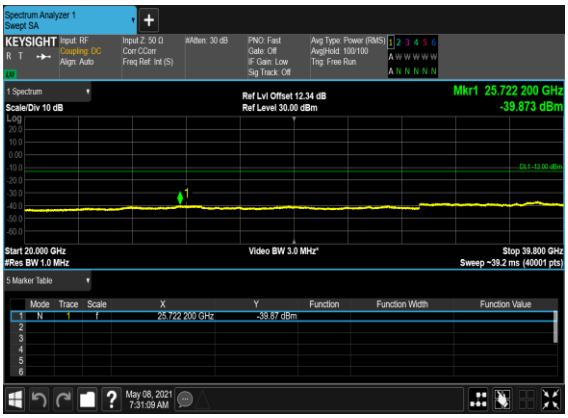
B41_N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



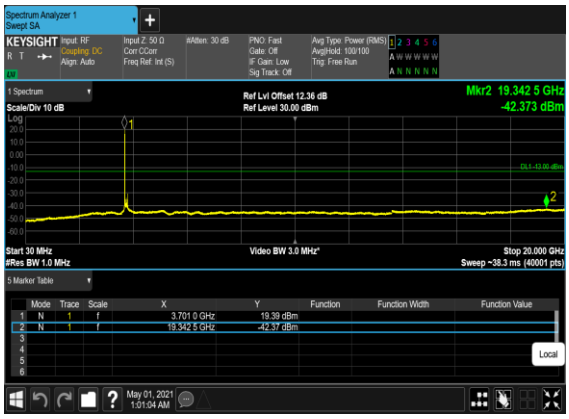
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



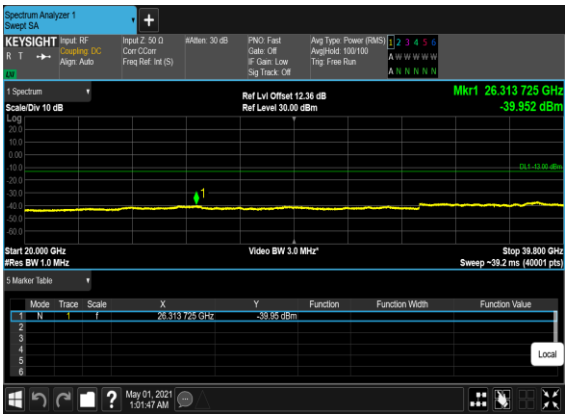
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



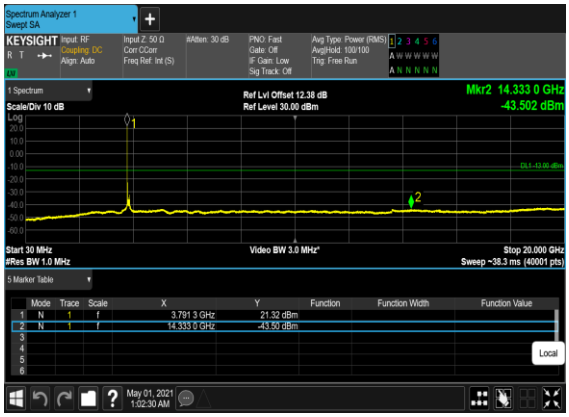
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



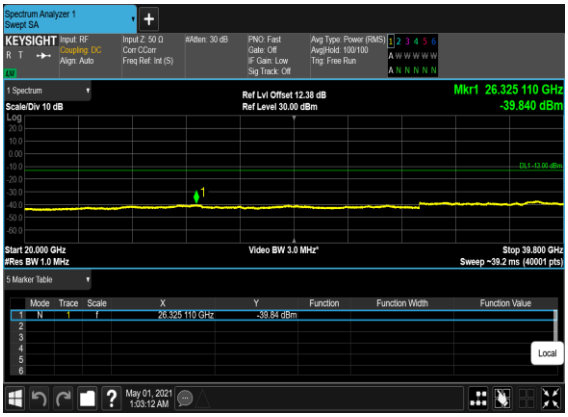
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



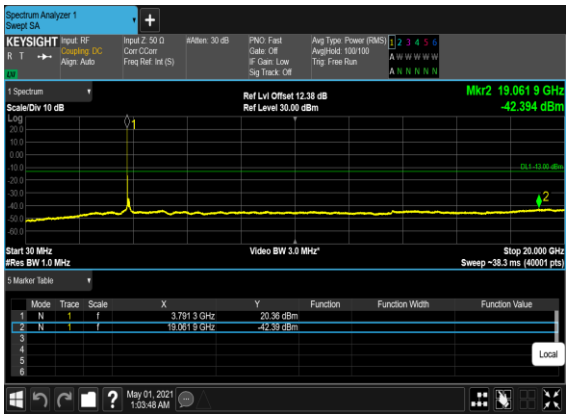
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



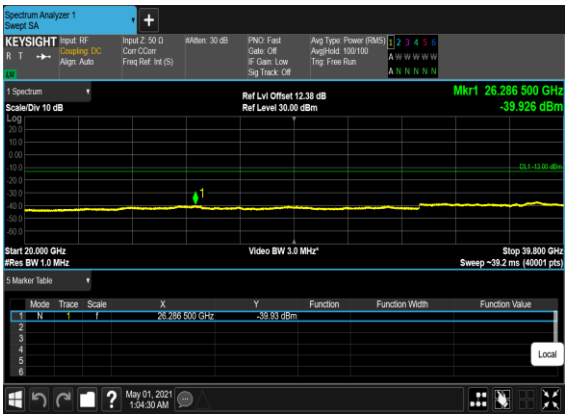
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



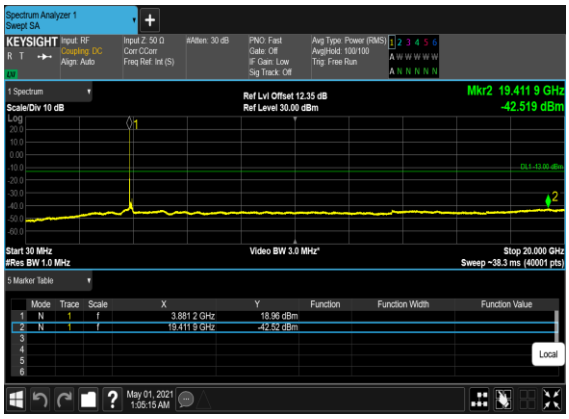
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



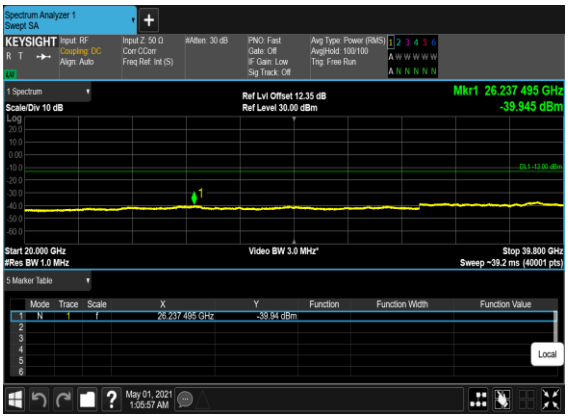
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



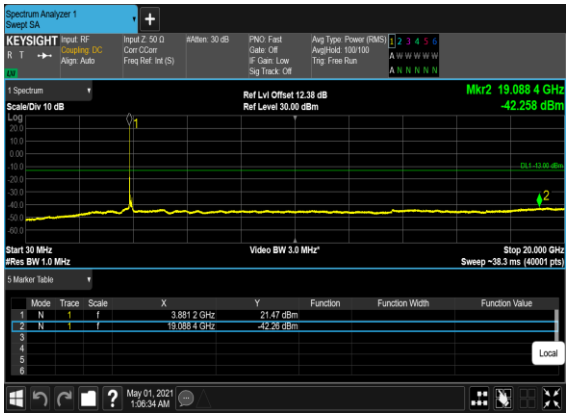
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



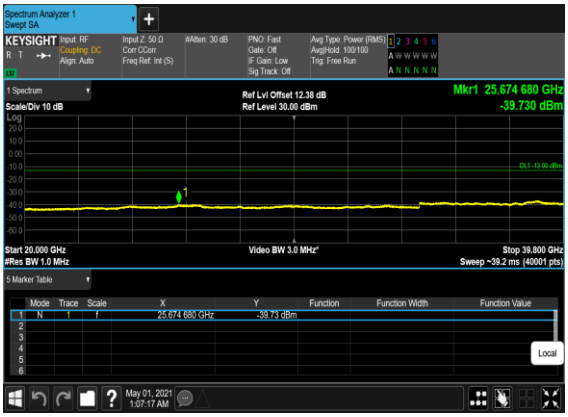
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Software Version: 21.02.0429

FR1 N78

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

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-4.05dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	12@6	22.35	18.3	0.0676
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	22.23	18.18	0.0658
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@22	22.16	18.11	0.0647
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	22.39	18.34	0.0682
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	22.23	18.18	0.0658
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	21.97	17.92	0.0619
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	21.36	17.31	0.0538
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	21.26	17.21	0.0526
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	21.1	17.05	0.0507
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	12@6	19.89	15.84	0.0384
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@1	19.48	15.43	0.0349
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@22	19.53	15.48	0.0353
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	12@6	17.93	13.88	0.0244
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@1	17.87	13.82	0.0241
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@22	17.84	13.79	0.0239
78	30	10	647000	3705	CP-OFDM QPSK	12@6	20.97	16.92	0.0492
78	30	10	647000	3705	CP-OFDM QPSK	1@1	20.79	16.74	0.0472
78	30	10	647000	3705	CP-OFDM QPSK	1@22	20.74	16.69	0.0467

78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	12@6	22.43	18.38	0.0689
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.3	18.25	0.0668
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@22	22.32	18.27	0.0671
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	22.49	18.44	0.0698
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	22.23	18.18	0.0658
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	22.32	18.27	0.0671
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	21.4	17.35	0.0543
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.43	17.38	0.0547
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	21.47	17.42	0.0552
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	12@6	19.9	15.85	0.0385
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.63	15.58	0.0361
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@22	19.62	15.57	0.0361
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	12@6	17.88	13.83	0.0242
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.95	13.9	0.0245
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@22	17.93	13.88	0.0244
78	30	10	650000	3750	CP-OFDM QPSK	12@6	20.97	16.92	0.0492
78	30	10	650000	3750	CP-OFDM QPSK	1@1	20.85	16.8	0.0479
78	30	10	650000	3750	CP-OFDM QPSK	1@22	20.88	16.83	0.0482
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	12@6	22.57	18.52	0.0711
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	22.4	18.35	0.0684
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@22	22.51	18.46	0.0701
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	22.55	18.5	0.0708
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	22.38	18.33	0.0681
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	22.46	18.41	0.0693

78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	21.57	17.52	0.0565
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.55	17.5	0.0562
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	21.54	17.49	0.0561
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	12@6	20.08	16.03	0.0401
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@1	19.83	15.78	0.0378
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@22	19.9	15.85	0.0385
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	12@6	18.14	14.09	0.0256
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@1	17.89	13.84	0.0242
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@22	17.93	13.88	0.0244
78	30	10	653000	3795	CP-OFDM QPSK	12@6	21.03	16.98	0.0499
78	30	10	653000	3795	CP-OFDM QPSK	1@1	20.97	16.92	0.0492
78	30	10	653000	3795	CP-OFDM QPSK	1@22	21	16.95	0.0495
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	18@9	21.86	17.81	0.0604
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@1	22.25	18.2	0.0661
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@36	22.07	18.02	0.0634
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	18@9	22.43	18.38	0.0689
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@1	22.23	18.18	0.0658
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@36	22.2	18.15	0.0653
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	18@9	21.25	17.2	0.0525
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@1	21.36	17.31	0.0538
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@36	21.16	17.11	0.0514
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	18@9	19.78	15.73	0.0374
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@1	19.47	15.42	0.0348
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@36	19.74	15.69	0.0371

78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	18@9	17.79	13.74	0.0237
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@1	17.78	13.73	0.0236
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@36	17.83	13.78	0.0239
78	30	15	647166	3707.49	CP-OFDM QPSK	19@9	20.78	16.73	0.0471
78	30	15	647166	3707.49	CP-OFDM QPSK	1@1	20.75	16.7	0.0468
78	30	15	647166	3707.49	CP-OFDM QPSK	1@36	20.64	16.59	0.0456
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	18@9	22.43	18.38	0.0689
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.23	18.18	0.0658
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@36	22.37	18.32	0.0679
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	22.44	18.39	0.0690
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	22.32	18.27	0.0671
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	22.45	18.4	0.0692
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	21.41	17.36	0.0545
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.16	17.11	0.0514
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	21.42	17.37	0.0546
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	18@9	19.93	15.88	0.0387
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.5	15.45	0.0351
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@36	19.91	15.86	0.0385
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	18@9	18.02	13.97	0.0249
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.59	13.54	0.0226
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@36	18.11	14.06	0.0255
78	30	15	650000	3750	CP-OFDM QPSK	19@9	20.86	16.81	0.0480
78	30	15	650000	3750	CP-OFDM QPSK	1@1	20.8	16.75	0.0473
78	30	15	650000	3750	CP-OFDM QPSK	1@36	20.97	16.92	0.0492
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	18@9	22.41	18.36	0.0685

78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	22.31	18.26	0.0670
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@36	22.49	18.44	0.0698
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	22.47	18.42	0.0695
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	22.22	18.17	0.0656
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	22.35	18.3	0.0676
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	21.57	17.52	0.0565
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	21.41	17.36	0.0545
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	21.52	17.47	0.0558
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	18@9	20.04	15.99	0.0397
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@1	19.68	15.63	0.0366
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@36	19.91	15.86	0.0385
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	18@9	18.03	13.98	0.0250
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@1	17.76	13.71	0.0235
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@36	18.08	14.03	0.0253
78	30	15	652832	3792.48	CP-OFDM QPSK	19@9	21.08	17.03	0.0505
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	20.93	16.88	0.0488
78	30	15	652832	3792.48	CP-OFDM QPSK	1@36	20.93	16.88	0.0488
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	25@12	21.76	17.71	0.0590
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@1	22.13	18.08	0.0643
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@49	21.95	17.9	0.0617
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	25@12	22.29	18.24	0.0667
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@1	22.15	18.1	0.0646
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@49	22	17.95	0.0624
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	25@12	21.27	17.22	0.0527

78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@1	21.15	17.1	0.0513
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@49	21.02	16.97	0.0498
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	25@12	19.85	15.8	0.0380
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@1	19.48	15.43	0.0349
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@49	19.23	15.18	0.0330
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	25@12	17.76	13.71	0.0235
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@1	17.76	13.71	0.0235
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@49	17.43	13.38	0.0218
78	30	20	647333	3709.99	CP-OFDM QPSK	25@121	19.36	15.31	0.0340
78	30	20	647333	3709.99	CP-OFDM QPSK	1@1	20.64	16.59	0.0456
78	30	20	647333	3709.99	CP-OFDM QPSK	1@49	20.61	16.56	0.0453
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	22.49	18.44	0.0698
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.18	18.13	0.0650
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	22.39	18.34	0.0682
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	22.46	18.41	0.0693
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	21.94	17.89	0.0615
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	22.18	18.13	0.0650
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	21.43	17.38	0.0547
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.35	17.3	0.0537
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	21.46	17.41	0.0551
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	19.94	15.89	0.0388
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.24	15.19	0.0330
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	19.71	15.66	0.0368
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	17.85	13.8	0.0240

78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.58	13.53	0.0225
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	17.5	13.45	0.0221
78	30	20	650000	3750	CP-OFDM QPSK	25@121	19.43	15.38	0.0345
78	30	20	650000	3750	CP-OFDM QPSK	1@1	20.78	16.73	0.0471
78	30	20	650000	3750	CP-OFDM QPSK	1@49	20.85	16.8	0.0479
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	22.43	18.38	0.0689
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	22.28	18.23	0.0665
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	22.4	18.35	0.0684
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	22.56	18.51	0.0710
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	22.37	18.32	0.0679
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	22.44	18.39	0.0690
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	21.57	17.52	0.0565
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.46	17.41	0.0551
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	21.28	17.23	0.0528
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	19.95	15.9	0.0389
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	19.68	15.63	0.0366
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	19.75	15.7	0.0372
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	18.11	14.06	0.0255
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	17.66	13.61	0.0230
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	17.99	13.94	0.0248
78	30	20	652666	3789.99	CP-OFDM QPSK	25@121	19.54	15.49	0.0354
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	20.79	16.74	0.0472
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	20.89	16.84	0.0483
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	21.72	17.67	0.0585
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	21.85	17.8	0.0603

78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	21.88	17.83	0.0607
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	22.3	18.25	0.0668
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	21.92	17.87	0.0612
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	21.87	17.82	0.0605
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.19	17.14	0.0518
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	20.91	16.86	0.0485
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	21.05	17	0.0501
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	19.79	15.74	0.0375
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	19.44	15.39	0.0346
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	19.22	15.17	0.0329
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	17.85	13.8	0.0240
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	17.49	13.44	0.0221
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	17.59	13.54	0.0226
78	30	40	648000	3720	CP-OFDM QPSK	53@26	20.72	16.67	0.0465
78	30	40	648000	3720	CP-OFDM QPSK	1@1	20.37	16.32	0.0429
78	30	40	648000	3720	CP-OFDM QPSK	1@104	20.3	16.25	0.0422
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	22.52	18.47	0.0703
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.59	17.54	0.0568
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	22.15	18.1	0.0646
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	22.58	18.53	0.0713
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	21.66	17.61	0.0577
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	22.01	17.96	0.0625
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	21.5	17.45	0.0556
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.66	16.61	0.0458

78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	21.01	16.96	0.0497
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	19.99	15.94	0.0393
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.1	15.05	0.0320
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	19.45	15.4	0.0347
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	17.9	13.85	0.0243
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.39	13.34	0.0216
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	17.65	13.6	0.0229
78	30	40	650000	3750	CP-OFDM QPSK	53@26	21.01	16.96	0.0497
78	30	40	650000	3750	CP-OFDM QPSK	1@1	20.12	16.07	0.0405
78	30	40	650000	3750	CP-OFDM QPSK	1@104	20.57	16.52	0.0449
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	22.54	18.49	0.0706
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	22.1	18.05	0.0638
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	22.08	18.03	0.0635
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	22.49	18.44	0.0698
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	22.06	18.01	0.0632
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	21.98	17.93	0.0621
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	21.54	17.49	0.0561
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.09	17.04	0.0506
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	21.15	17.1	0.0513
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	20.09	16.04	0.0402
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	19.24	15.19	0.0330
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	19.29	15.24	0.0334
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	18	13.95	0.0248
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	17.54	13.49	0.0223

78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	17.54	13.49	0.0223
78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.1	17.05	0.0507
78	30	40	652000	3780	CP-OFDM QPSK	1@1	20.48	16.43	0.0440
78	30	40	652000	3780	CP-OFDM QPSK	1@104	20.74	16.69	0.0467
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	64@32	21.75	17.7	0.0589
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@1	21.92	17.87	0.0612
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@131	22.19	18.14	0.0652
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	64@32	22.25	18.2	0.0661
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@1	21.96	17.91	0.0618
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@131	22.17	18.12	0.0649
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	64@32	21.16	17.11	0.0514
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@1	20.85	16.8	0.0479
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@131	21.22	17.17	0.0521
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	64@32	19.79	15.74	0.0375
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@1	19.25	15.2	0.0331
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@131	19.49	15.44	0.0350
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	64@32	17.85	13.8	0.0240
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@1	17.52	13.47	0.0222
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@131	17.72	13.67	0.0233
78	30	50	648333	3724.99	CP-OFDM QPSK	67@33	20.69	16.64	0.0461
78	30	50	648333	3724.99	CP-OFDM QPSK	1@1	20.73	16.68	0.0466
78	30	50	648333	3724.99	CP-OFDM QPSK	1@131	20.77	16.72	0.0470
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	22.47	18.42	0.0695
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.81	17.76	0.0597
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	22.23	18.18	0.0658

78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	22.43	18.38	0.0689
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	21.79	17.74	0.0594
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	22.27	18.22	0.0664
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	21.54	17.49	0.0561
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.87	16.82	0.0481
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	21.66	17.61	0.0577
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	19.96	15.91	0.0390
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.02	14.97	0.0314
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	19.6	15.55	0.0359
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	18.01	13.96	0.0249
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.13	13.08	0.0203
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	17.65	13.6	0.0229
78	30	50	650000	3750	CP-OFDM QPSK	67@33	20.91	16.86	0.0485
78	30	50	650000	3750	CP-OFDM QPSK	1@1	20.69	16.64	0.0461
78	30	50	650000	3750	CP-OFDM QPSK	1@131	20.63	16.58	0.0455
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	22.57	18.52	0.0711
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	22.09	18.04	0.0637
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	22.28	18.23	0.0665
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	22.57	18.52	0.0711
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.09	18.04	0.0637
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	22.38	18.33	0.0681
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	21.56	17.51	0.0564
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.1	17.05	0.0507
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.52	17.47	0.0558

78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.14	16.09	0.0406
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	19.13	15.08	0.0322
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	19.83	15.78	0.0378
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.05	14	0.0251
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	17.7	13.65	0.0232
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	17.78	13.73	0.0236
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.03	16.98	0.0499
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	20.5	16.45	0.0442
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	20.79	16.74	0.0472
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	81@40	21.78	17.73	0.0593
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@1	21.77	17.72	0.0592
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@160	22.11	18.06	0.0640
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	81@40	22.29	18.24	0.0667
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@1	21.82	17.77	0.0598
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@160	22.12	18.07	0.0641
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	81@40	21.46	17.41	0.0551
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@1	20.64	16.59	0.0456
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@160	21.15	17.1	0.0513
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	81@40	19.73	15.68	0.0370
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@1	19.41	15.36	0.0344
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@160	19.37	15.32	0.0340
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	81@40	17.92	13.87	0.0244
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@1	17.71	13.66	0.0232
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@160	17.56	13.51	0.0224

78	30	60	648667	3730.01	CP-OFDM QPSK	81@40	20.81	16.76	0.0474
78	30	60	648667	3730.01	CP-OFDM QPSK	1@1	20.4	16.35	0.0432
78	30	60	648667	3730.01	CP-OFDM QPSK	1@160	20.8	16.75	0.0473
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	22.54	18.49	0.0706
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.71	17.66	0.0583
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	22.06	18.01	0.0632
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	22.51	18.46	0.0701
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	21.63	17.58	0.0573
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	22.1	18.05	0.0638
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	21.47	17.42	0.0552
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.59	16.54	0.0451
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.23	17.18	0.0522
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	19.66	15.61	0.0364
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.3	15.25	0.0335
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	19.4	15.35	0.0343
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	18.01	13.96	0.0249
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.25	13.2	0.0209
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	17.97	13.92	0.0247
78	30	60	650000	3750	CP-OFDM QPSK	81@40	20.89	16.84	0.0483
78	30	60	650000	3750	CP-OFDM QPSK	1@1	20.46	16.41	0.0438
78	30	60	650000	3750	CP-OFDM QPSK	1@160	20.77	16.72	0.0470
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	22.66	18.61	0.0726
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	21.92	17.87	0.0612
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	22.24	18.19	0.0659
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	22.63	18.58	0.0721

78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	21.83	17.78	0.0600
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	22.22	18.17	0.0656
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	21.65	17.6	0.0575
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	21.04	16.99	0.0500
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.16	17.11	0.0514
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	20.06	16.01	0.0399
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	19.42	15.37	0.0344
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	19.48	15.43	0.0349
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	18.22	14.17	0.0261
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	17.46	13.41	0.0219
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	17.69	13.64	0.0231
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	21.13	17.08	0.0511
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	20.36	16.31	0.0428
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	20.81	16.76	0.0474
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	22.06	18.01	0.0632
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.33	18.28	0.0673
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	22.25	18.2	0.0661
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	22.59	18.54	0.0714
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.35	18.3	0.0676
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.3	18.25	0.0668
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.47	17.42	0.0552
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.35	17.3	0.0537
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.22	17.17	0.0521
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	19.95	15.9	0.0389

78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	19.78	15.73	0.0374
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	19.33	15.28	0.0337
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	17.86	13.81	0.0240
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	17.96	13.91	0.0246
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	17.53	13.48	0.0223
78	30	70	649000	3735	CP-OFDM QPSK	95@47	19.66	15.61	0.0364
78	30	70	649000	3735	CP-OFDM QPSK	1@1	20.94	16.89	0.0489
78	30	70	649000	3735	CP-OFDM QPSK	1@187	20.71	16.66	0.0463
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	22.79	18.74	0.0748
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.38	18.33	0.0681
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	22.49	18.44	0.0698
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	22.76	18.71	0.0743
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	22.04	17.99	0.0630
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	22.28	18.23	0.0665
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	21.73	17.68	0.0586
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.55	17.5	0.0562
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.56	17.51	0.0564
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	20.14	16.09	0.0406
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.44	15.39	0.0346
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	19.91	15.86	0.0385
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	17.95	13.9	0.0245
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.88	13.83	0.0242
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	17.6	13.55	0.0226
78	30	70	650000	3750	CP-OFDM QPSK	95@47	19.53	15.48	0.0353

78	30	70	650000	3750	CP-OFDM QPSK	1@1	21.08	17.03	0.0505
78	30	70	650000	3750	CP-OFDM QPSK	1@187	21.15	17.1	0.0513
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	22.63	18.58	0.0721
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	22.38	18.33	0.0681
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	22.5	18.45	0.0700
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	22.76	18.71	0.0743
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	22.57	18.52	0.0711
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	22.74	18.69	0.0740
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	21.87	17.82	0.0605
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	21.56	17.51	0.0564
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.58	17.53	0.0566
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	20.25	16.2	0.0417
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	19.78	15.73	0.0374
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	20.05	16	0.0398
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	18.41	14.36	0.0273
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	17.76	13.71	0.0235
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	18.29	14.24	0.0265
78	30	70	651000	3765	CP-OFDM QPSK	95@47	19.64	15.59	0.0362
78	30	70	651000	3765	CP-OFDM QPSK	1@1	20.89	16.84	0.0483
78	30	70	651000	3765	CP-OFDM QPSK	1@187	21.19	17.14	0.0518
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	108@54	21.77	17.72	0.0592
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@1	21.64	17.59	0.0574
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@215	21.95	17.9	0.0617
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	108@54	22.4	18.35	0.0684
78	30	80	649333	3739.99	DFT-s-OFDM	1@1	21.63	17.58	0.0573

					QPSK				
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	1@215	21.94	17.89	0.0615
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	108@54	21.38	17.33	0.0541
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@1	20.61	16.56	0.0453
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@215	20.92	16.87	0.0486
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	108@54	19.74	15.69	0.0371
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@1	18.87	14.82	0.0303
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@215	19.28	15.23	0.0333
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	108@54	17.8	13.75	0.0237
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@1	16.94	12.89	0.0195
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@215	17.48	13.43	0.0220
78	30	80	649333	3739.99	CP-OFDM QPSK	109@54	20.9	16.85	0.0484
78	30	80	649333	3739.99	CP-OFDM QPSK	1@1	20.18	16.13	0.0410
78	30	80	649333	3739.99	CP-OFDM QPSK	1@215	20.52	16.47	0.0444
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	22.52	18.47	0.0703
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.45	17.4	0.0550
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	21.97	17.92	0.0619
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	22.52	18.47	0.0703
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	21.4	17.35	0.0543
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	21.93	17.88	0.0614
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	21.57	17.52	0.0565
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.62	16.57	0.0454
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	21.07	17.02	0.0504
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	19.97	15.92	0.0391

78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.83	14.78	0.0301
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	18.78	14.73	0.0297
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	18	13.95	0.0248
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.05	13	0.0200
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	17.57	13.52	0.0225
78	30	80	650000	3750	CP-OFDM QPSK	109@54	20.96	16.91	0.0491
78	30	80	650000	3750	CP-OFDM QPSK	1@1	19.95	15.9	0.0389
78	30	80	650000	3750	CP-OFDM QPSK	1@215	20.3	16.25	0.0422
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	22.49	18.44	0.0698
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	21.43	17.38	0.0547
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	21.99	17.94	0.0622
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	22.53	18.48	0.0705
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	21.45	17.4	0.0550
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	21.92	17.87	0.0612
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	21.49	17.44	0.0555
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	20.56	16.51	0.0448
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	21.1	17.05	0.0507
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	20.07	16.02	0.0400
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	18.7	14.65	0.0292
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	19.18	15.13	0.0326
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	17.95	13.9	0.0245
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	16.98	12.93	0.0196
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	17.44	13.39	0.0218
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	20.92	16.87	0.0486

78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	19.99	15.94	0.0393
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	20.59	16.54	0.0451
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	120@60	21.94	17.89	0.0615
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@1	21.46	17.41	0.0551
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@243	21.96	17.91	0.0618
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	120@60	22.43	18.38	0.0689
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@1	21.52	17.47	0.0558
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@243	21.74	17.69	0.0587
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	120@60	21.4	17.35	0.0543
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@1	20.54	16.49	0.0446
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@243	20.85	16.8	0.0479
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	120@60	19.92	15.87	0.0386
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@1	18.78	14.73	0.0297
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@243	19.1	15.05	0.0320
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	120@60	17.71	13.66	0.0232
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@1	17.03	12.98	0.0199
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@243	17.35	13.3	0.0214
78	30	90	649667	3745.01	CP-OFDM QPSK	123@61	20.92	16.87	0.0486
78	30	90	649667	3745.01	CP-OFDM QPSK	1@1	20.03	15.98	0.0396
78	30	90	649667	3745.01	CP-OFDM QPSK	1@243	20.47	16.42	0.0439
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	22.51	18.46	0.0701
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.38	17.33	0.0541
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	22.13	18.08	0.0643
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	22.38	18.33	0.0681
78	30	90	650000	3750	DFT-s-OFDM	1@1	21.43	17.38	0.0547

					QPSK				
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	21.79	17.74	0.0594
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	21.41	17.36	0.0545
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.49	16.44	0.0441
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	20.88	16.83	0.0482
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	19.84	15.79	0.0379
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.66	14.61	0.0289
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	19.22	15.17	0.0329
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	17.85	13.8	0.0240
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.76	12.71	0.0187
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	17.18	13.13	0.0206
78	30	90	650000	3750	CP-OFDM QPSK	123@61	20.85	16.8	0.0479
78	30	90	650000	3750	CP-OFDM QPSK	1@1	19.86	15.81	0.0381
78	30	90	650000	3750	CP-OFDM QPSK	1@243	20.43	16.38	0.0435
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	22.54	18.49	0.0706
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	21.42	17.37	0.0546
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	21.77	17.72	0.0592
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	22.49	18.44	0.0698
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	21.22	17.17	0.0521
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	21.8	17.75	0.0596
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	21.46	17.41	0.0551
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	20.4	16.35	0.0432
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	20.99	16.94	0.0494
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	19.92	15.87	0.0386

78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	18.54	14.49	0.0281
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	19.07	15.02	0.0318
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	17.94	13.89	0.0245
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	16.86	12.81	0.0191
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	17.33	13.28	0.0213
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	20.91	16.86	0.0485
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	19.91	15.86	0.0385
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	20.37	16.32	0.0429
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	21.74	17.69	0.0587
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.28	17.23	0.0528
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.68	17.63	0.0579
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.47	18.42	0.0695
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.2	17.15	0.0519
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	22.04	17.99	0.0630
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.44	17.39	0.0548
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.41	16.36	0.0433
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.74	16.69	0.0467
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.94	15.89	0.0388
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.7	14.65	0.0292
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.12	15.07	0.0321
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.84	13.79	0.0239
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.7	12.65	0.0184
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.25	13.2	0.0209
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.91	16.86	0.0485

78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.9	15.85	0.0385
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.25	16.2	0.0417
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.22	18.17	0.0656
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.35	17.3	0.0537
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.76	17.71	0.0590
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.43	18.38	0.0689
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.26	17.21	0.0526
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.71	17.66	0.0583
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.44	17.39	0.0548
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.27	16.22	0.0419
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.61	16.56	0.0453
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.95	15.9	0.0389
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.69	14.64	0.0291
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19	14.95	0.0313
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.65	13.6	0.0229
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.83	12.78	0.0190
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.37	13.32	0.0215
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.49	16.44	0.0441
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.79	15.74	0.0375
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.36	16.31	0.0428
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.43	18.38	0.0689
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.43	17.38	0.0547
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.81	17.76	0.0597
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.38	18.33	0.0681
78	30	100	650000	3750	DFT-s-OFDM	1@1	21.26	17.21	0.0526

					QPSK				
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.75	17.7	0.0589
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.46	17.41	0.0551
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.36	16.31	0.0428
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.74	16.69	0.0467
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.93	15.88	0.0387
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.7	14.65	0.0292
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.11	15.06	0.0321
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.88	13.83	0.0242
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.7	12.65	0.0184
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.35	13.3	0.0214
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.95	16.9	0.0490
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.88	15.83	0.0383
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.27	16.22	0.0419

Software Version: 21.02.0429

FR1 N78

LTE Band: 7, LTE BW: 20M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-4.05dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	12@6	21.98	17.93	0.0621
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	22.29	18.24	0.0667
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@22	22.23	18.18	0.0658
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	22.44	18.39	0.0690
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	22.4	18.35	0.0684
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	22.17	18.12	0.0649
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	21.41	17.36	0.0545
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	21.28	17.23	0.0528
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	21.11	17.06	0.0508
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	12@6	19.87	15.82	0.0382
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@1	19.68	15.63	0.0366
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@22	19.5	15.45	0.0351
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	12@6	17.85	13.8	0.0240
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@1	17.89	13.84	0.0242
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@22	17.75	13.7	0.0234
78	30	10	647000	3705	CP-OFDM QPSK	12@6	20.9	16.85	0.0484
78	30	10	647000	3705	CP-OFDM QPSK	1@1	20.79	16.74	0.0472
78	30	10	647000	3705	CP-OFDM QPSK	1@22	20.81	16.76	0.0474
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	12@6	22.52	18.47	0.0703

78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.36	18.31	0.0678
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@22	22.36	18.31	0.0678
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	22.43	18.38	0.0689
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	22.19	18.14	0.0652
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	22.29	18.24	0.0667
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	21.49	17.44	0.0555
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.33	17.28	0.0535
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	21.43	17.38	0.0547
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	12@6	19.96	15.91	0.0390
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.62	15.57	0.0361
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@22	19.71	15.66	0.0368
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	12@6	17.95	13.9	0.0245
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.77	13.72	0.0236
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@22	18	13.95	0.0248
78	30	10	650000	3750	CP-OFDM QPSK	12@6	20.96	16.91	0.0491
78	30	10	650000	3750	CP-OFDM QPSK	1@1	20.85	16.8	0.0479
78	30	10	650000	3750	CP-OFDM QPSK	1@22	21.01	16.96	0.0497
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	12@6	22.61	18.56	0.0718
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	22.46	18.41	0.0693
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@22	22.51	18.46	0.0701
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	22.67	18.62	0.0728
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	22.46	18.41	0.0693
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	22.5	18.45	0.0700
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	21.56	17.51	0.0564

78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.7	17.65	0.0582
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	21.61	17.56	0.0570
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	12@6	19.92	15.87	0.0386
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@1	19.71	15.66	0.0368
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@22	19.85	15.8	0.0380
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	12@6	18.12	14.07	0.0255
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@1	17.94	13.89	0.0245
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@22	18.06	14.01	0.0252
78	30	10	653000	3795	CP-OFDM QPSK	12@6	20.98	16.93	0.0493
78	30	10	653000	3795	CP-OFDM QPSK	1@1	20.91	16.86	0.0485
78	30	10	653000	3795	CP-OFDM QPSK	1@22	21.05	17	0.0501
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	18@9	21.86	17.81	0.0604
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@1	22.3	18.25	0.0668
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@36	22.1	18.05	0.0638
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	18@9	22.35	18.3	0.0676
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@1	22.23	18.18	0.0658
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@36	22.11	18.06	0.0640
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	18@9	21.33	17.28	0.0535
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@1	21.25	17.2	0.0525
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@36	21.11	17.06	0.0508
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	18@9	19.81	15.76	0.0377
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@1	19.72	15.67	0.0369
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@36	19.54	15.49	0.0354
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	18@9	17.86	13.81	0.0240

78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@1	17.7	13.65	0.0232
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@36	17.74	13.69	0.0234
78	30	15	647166	3707.49	CP-OFDM QPSK	19@9	20.81	16.76	0.0474
78	30	15	647166	3707.49	CP-OFDM QPSK	1@1	20.87	16.82	0.0481
78	30	15	647166	3707.49	CP-OFDM QPSK	1@36	20.65	16.6	0.0457
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	18@9	22.58	18.53	0.0713
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.27	18.22	0.0664
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@36	22.42	18.37	0.0687
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	22.46	18.41	0.0693
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	22.13	18.08	0.0643
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	22.33	18.28	0.0673
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	21.42	17.37	0.0546
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.16	17.11	0.0514
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	21.41	17.36	0.0545
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	18@9	19.91	15.86	0.0385
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.53	15.48	0.0353
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@36	19.65	15.6	0.0363
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	18@9	18.01	13.96	0.0249
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.87	13.82	0.0241
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@36	17.87	13.82	0.0241
78	30	15	650000	3750	CP-OFDM QPSK	19@9	20.92	16.87	0.0486
78	30	15	650000	3750	CP-OFDM QPSK	1@1	20.81	16.76	0.0474
78	30	15	650000	3750	CP-OFDM QPSK	1@36	20.95	16.9	0.0490
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	18@9	22.68	18.63	0.0729
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	22.35	18.3	0.0676

78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@36	22.43	18.38	0.0689
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	22.5	18.45	0.0700
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	22.35	18.3	0.0676
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	22.39	18.34	0.0682
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	21.5	17.45	0.0556
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	21.43	17.38	0.0547
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	21.36	17.31	0.0538
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	18@9	20.01	15.96	0.0394
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@1	19.73	15.68	0.0370
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@36	19.84	15.79	0.0379
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	18@9	18.11	14.06	0.0255
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@1	17.89	13.84	0.0242
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@36	17.76	13.71	0.0235
78	30	15	652832	3792.48	CP-OFDM QPSK	19@9	21.08	17.03	0.0505
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	20.85	16.8	0.0479
78	30	15	652832	3792.48	CP-OFDM QPSK	1@36	20.98	16.93	0.0493
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	25@12	21.88	17.83	0.0607
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@1	22.12	18.07	0.0641
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@49	22.03	17.98	0.0628
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	25@12	22.24	18.19	0.0659
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@1	22.23	18.18	0.0658
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@49	22.06	18.01	0.0632
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	25@12	21.3	17.25	0.0531
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@1	21.32	17.27	0.0533

78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@49	21.04	16.99	0.0500
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	25@12	19.79	15.74	0.0375
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@1	19.72	15.67	0.0369
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@49	19.43	15.38	0.0345
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	25@12	17.62	13.57	0.0228
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@1	17.98	13.93	0.0247
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@49	17.33	13.28	0.0213
78	30	20	647333	3709.99	CP-OFDM QPSK	25@121	19.31	15.26	0.0336
78	30	20	647333	3709.99	CP-OFDM QPSK	1@1	20.66	16.61	0.0458
78	30	20	647333	3709.99	CP-OFDM QPSK	1@49	20.6	16.55	0.0452
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	22.51	18.46	0.0701
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.1	18.05	0.0638
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	22.43	18.38	0.0689
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	22.48	18.43	0.0697
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	22.17	18.12	0.0649
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	22.39	18.34	0.0682
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	21.4	17.35	0.0543
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.15	17.1	0.0513
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	21.39	17.34	0.0542
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	19.95	15.9	0.0389
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.47	15.42	0.0348
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	19.84	15.79	0.0379
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	17.93	13.88	0.0244
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.65	13.6	0.0229

78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	17.88	13.83	0.0242
78	30	20	650000	3750	CP-OFDM QPSK	25@121	19.38	15.33	0.0341
78	30	20	650000	3750	CP-OFDM QPSK	1@1	20.67	16.62	0.0459
78	30	20	650000	3750	CP-OFDM QPSK	1@49	20.92	16.87	0.0486
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	22.52	18.47	0.0703
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	22.26	18.21	0.0662
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	22.38	18.33	0.0681
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	22.54	18.49	0.0706
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	22.31	18.26	0.0670
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	22.37	18.32	0.0679
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	21.48	17.43	0.0553
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.38	17.33	0.0541
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	21.48	17.43	0.0553
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	20.07	16.02	0.0400
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	19.6	15.55	0.0359
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	19.89	15.84	0.0384
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	17.83	13.78	0.0239
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	17.73	13.68	0.0233
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	17.99	13.94	0.0248
78	30	20	652666	3789.99	CP-OFDM QPSK	25@121	19.38	15.33	0.0341
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	20.81	16.76	0.0474
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	20.98	16.93	0.0493
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	21.75	17.7	0.0589
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	22	17.95	0.0624
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	22	17.95	0.0624

78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	22.31	18.26	0.0670
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	21.99	17.94	0.0622
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	21.9	17.85	0.0610
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.28	17.23	0.0528
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	20.95	16.9	0.0490
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	20.98	16.93	0.0493
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	19.86	15.81	0.0381
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	19.31	15.26	0.0336
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	19.26	15.21	0.0332
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	17.87	13.82	0.0241
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	17.69	13.64	0.0231
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	17.57	13.52	0.0225
78	30	40	648000	3720	CP-OFDM QPSK	53@26	20.74	16.69	0.0467
78	30	40	648000	3720	CP-OFDM QPSK	1@1	20.5	16.45	0.0442
78	30	40	648000	3720	CP-OFDM QPSK	1@104	20.54	16.49	0.0446
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	22.56	18.51	0.0710
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.61	17.56	0.0570
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	21.87	17.82	0.0605
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	22.54	18.49	0.0706
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	21.7	17.65	0.0582
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	21.96	17.91	0.0618
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	21.59	17.54	0.0568
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.67	16.62	0.0459
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	21.24	17.19	0.0524

78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	19.9	15.85	0.0385
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.15	15.1	0.0324
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	19.42	15.37	0.0344
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	18.08	14.03	0.0253
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.17	13.12	0.0205
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	17.72	13.67	0.0233
78	30	40	650000	3750	CP-OFDM QPSK	53@26	20.98	16.93	0.0493
78	30	40	650000	3750	CP-OFDM QPSK	1@1	20.32	16.27	0.0424
78	30	40	650000	3750	CP-OFDM QPSK	1@104	20.67	16.62	0.0459
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	22.63	18.58	0.0721
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	21.99	17.94	0.0622
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	22.16	18.11	0.0647
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	22.57	18.52	0.0711
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	21.93	17.88	0.0614
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	22.28	18.23	0.0665
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	21.54	17.49	0.0561
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.19	17.14	0.0518
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	21.22	17.17	0.0521
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	20.03	15.98	0.0396
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	19.37	15.32	0.0340
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	19.62	15.57	0.0361
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	17.97	13.92	0.0247
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	17.66	13.61	0.0230
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	17.58	13.53	0.0225

78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.13	17.08	0.0511
78	30	40	652000	3780	CP-OFDM QPSK	1@1	20.52	16.47	0.0444
78	30	40	652000	3780	CP-OFDM QPSK	1@104	20.54	16.49	0.0446
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	64@32	21.85	17.8	0.0603
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@1	21.93	17.88	0.0614
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@131	22.11	18.06	0.0640
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	64@32	22.33	18.28	0.0673
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@1	22.09	18.04	0.0637
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@131	21.95	17.9	0.0617
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	64@32	21.26	17.21	0.0526
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@1	21.04	16.99	0.0500
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@131	21.23	17.18	0.0522
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	64@32	19.95	15.9	0.0389
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@1	19.24	15.19	0.0330
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@131	19.45	15.4	0.0347
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	64@32	17.62	13.57	0.0228
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@1	17.45	13.4	0.0219
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@131	17.6	13.55	0.0226
78	30	50	648333	3724.99	CP-OFDM QPSK	67@33	20.7	16.65	0.0462
78	30	50	648333	3724.99	CP-OFDM QPSK	1@1	20.54	16.49	0.0446
78	30	50	648333	3724.99	CP-OFDM QPSK	1@131	20.74	16.69	0.0467
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	22.66	18.61	0.0726
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.81	17.76	0.0597
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	22.25	18.2	0.0661
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	22.9	18.85	0.0767

78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	21.8	17.75	0.0596
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	21.92	17.87	0.0612
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	21.5	17.45	0.0556
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.61	16.56	0.0453
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	21.32	17.27	0.0533
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	20.04	15.99	0.0397
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.17	15.12	0.0325
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	19.45	15.4	0.0347
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	18.04	13.99	0.0251
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.21	13.16	0.0207
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	17.92	13.87	0.0244
78	30	50	650000	3750	CP-OFDM QPSK	67@33	20.91	16.86	0.0485
78	30	50	650000	3750	CP-OFDM QPSK	1@1	20.5	16.45	0.0442
78	30	50	650000	3750	CP-OFDM QPSK	1@131	20.69	16.64	0.0461
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	22.62	18.57	0.0719
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	22.11	18.06	0.0640
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	22.31	18.26	0.0670
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	22.58	18.53	0.0713
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.08	18.03	0.0635
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	22.38	18.33	0.0681
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	21.65	17.6	0.0575
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.13	17.08	0.0511
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.23	17.18	0.0522
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.04	15.99	0.0397

78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	19.6	15.55	0.0359
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	19.74	15.69	0.0371
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.02	13.97	0.0249
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	17.75	13.7	0.0234
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	17.76	13.71	0.0235
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.19	17.14	0.0518
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	20.79	16.74	0.0472
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	21.02	16.97	0.0498
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	81@40	21.81	17.76	0.0597
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@1	21.8	17.75	0.0596
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@160	22.1	18.05	0.0638
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	81@40	22.29	18.24	0.0667
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@1	21.6	17.55	0.0569
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@160	22.07	18.02	0.0634
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	81@40	21.19	17.14	0.0518
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@1	20.45	16.4	0.0437
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@160	21.19	17.14	0.0518
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	81@40	19.46	15.41	0.0348
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@1	19.3	15.25	0.0335
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@160	19.42	15.37	0.0344
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	81@40	17.85	13.8	0.0240
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@1	17.56	13.51	0.0224
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@160	17.43	13.38	0.0218
78	30	60	648667	3730.01	CP-OFDM QPSK	81@40	20.79	16.74	0.0472

78	30	60	648667	3730.01	CP-OFDM QPSK	1@1	20.55	16.5	0.0447
78	30	60	648667	3730.01	CP-OFDM QPSK	1@160	20.97	16.92	0.0492
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	22.62	18.57	0.0719
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.72	17.67	0.0585
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	21.95	17.9	0.0617
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	22.51	18.46	0.0701
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	21.63	17.58	0.0573
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	22.17	18.12	0.0649
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	21.47	17.42	0.0552
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.53	16.48	0.0445
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.38	17.33	0.0541
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	19.95	15.9	0.0389
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.96	14.91	0.0310
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	19.58	15.53	0.0357
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	18.06	14.01	0.0252
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.37	13.32	0.0215
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	17.58	13.53	0.0225
78	30	60	650000	3750	CP-OFDM QPSK	81@40	21.1	17.05	0.0507
78	30	60	650000	3750	CP-OFDM QPSK	1@1	20.28	16.23	0.0420
78	30	60	650000	3750	CP-OFDM QPSK	1@160	20.66	16.61	0.0458
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	22.61	18.56	0.0718
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	21.95	17.9	0.0617
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	22.32	18.27	0.0671
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	22.64	18.59	0.0723
78	30	60	651332	3769.98	DFT-s-OFDM	1@1	21.87	17.82	0.0605

					QPSK				
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	22.14	18.09	0.0644
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	21.71	17.66	0.0583
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	21.16	17.11	0.0514
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.26	17.21	0.0526
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	20.11	16.06	0.0404
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	19.48	15.43	0.0349
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	19.44	15.39	0.0346
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	17.73	13.68	0.0233
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	17.52	13.47	0.0222
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	17.47	13.42	0.0220
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	21.14	17.09	0.0512
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	20.55	16.5	0.0447
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	21.02	16.97	0.0498
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	22.05	18	0.0631
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.23	18.18	0.0658
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	22.41	18.36	0.0685
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	22.53	18.48	0.0705
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.39	18.34	0.0682
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.15	18.1	0.0646
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.46	17.41	0.0551
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.34	17.29	0.0536
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.53	17.48	0.0560
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.15	16.1	0.0407

78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	19.44	15.39	0.0346
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	19.65	15.6	0.0363
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	17.92	13.87	0.0244
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	17.75	13.7	0.0234
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	17.9	13.85	0.0243
78	30	70	649000	3735	CP-OFDM QPSK	95@47	20.9	16.85	0.0484
78	30	70	649000	3735	CP-OFDM QPSK	1@1	20.84	16.79	0.0478
78	30	70	649000	3735	CP-OFDM QPSK	1@187	21.04	16.99	0.0500
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	22.86	18.81	0.0760
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.91	17.86	0.0611
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	22.45	18.4	0.0692
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	22.56	18.51	0.0710
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	21.9	17.85	0.0610
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	22.02	17.97	0.0627
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	21.6	17.55	0.0569
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.81	16.76	0.0474
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.62	17.57	0.0571
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	20.24	16.19	0.0416
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.37	15.32	0.0340
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	19.75	15.7	0.0372
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	18.34	14.29	0.0269
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.41	13.36	0.0217
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	18.12	14.07	0.0255
78	30	70	650000	3750	CP-OFDM QPSK	95@47	21.11	17.06	0.0508

78	30	70	650000	3750	CP-OFDM QPSK	1@1	20.6	16.55	0.0452
78	30	70	650000	3750	CP-OFDM QPSK	1@187	20.99	16.94	0.0494
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	22.82	18.77	0.0753
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	22.21	18.16	0.0655
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	22.41	18.36	0.0685
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	22.88	18.83	0.0764
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	22.18	18.13	0.0650
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	22.68	18.63	0.0729
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	21.95	17.9	0.0617
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	21.43	17.38	0.0547
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.33	17.28	0.0535
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	20.34	16.29	0.0426
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	19.8	15.75	0.0376
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	19.84	15.79	0.0379
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	18.22	14.17	0.0261
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	17.95	13.9	0.0245
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	17.86	13.81	0.0240
78	30	70	651000	3765	CP-OFDM QPSK	95@47	21.29	17.24	0.0530
78	30	70	651000	3765	CP-OFDM QPSK	1@1	21.09	17.04	0.0506
78	30	70	651000	3765	CP-OFDM QPSK	1@187	21.32	17.27	0.0533
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	108@54	21.79	17.74	0.0594
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@1	21.75	17.7	0.0589
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@215	21.98	17.93	0.0621
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	108@54	22.36	18.31	0.0678
78	30	80	649333	3739.99	DFT-s-OFDM	1@1	21.62	17.57	0.0571

					QPSK				
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	1@215	21.97	17.92	0.0619
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	108@54	21.4	17.35	0.0543
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@1	20.64	16.59	0.0456
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@215	21.11	17.06	0.0508
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	108@54	19.87	15.82	0.0382
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@1	19.18	15.13	0.0326
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@215	19.29	15.24	0.0334
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	108@54	17.87	13.82	0.0241
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@1	17.16	13.11	0.0205
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@215	17.39	13.34	0.0216
78	30	80	649333	3739.99	CP-OFDM QPSK	109@54	20.84	16.79	0.0478
78	30	80	649333	3739.99	CP-OFDM QPSK	1@1	20.16	16.11	0.0408
78	30	80	649333	3739.99	CP-OFDM QPSK	1@215	20.53	16.48	0.0445
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	22.52	18.47	0.0703
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.52	17.47	0.0558
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	22.06	18.01	0.0632
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	22.22	18.17	0.0656
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	21.51	17.46	0.0557
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	21.94	17.89	0.0615
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	21.48	17.43	0.0553
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.81	16.76	0.0474
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	20.95	16.9	0.0490
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	19.93	15.88	0.0387

78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.75	14.7	0.0295
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	19.26	15.21	0.0332
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	17.97	13.92	0.0247
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.13	13.08	0.0203
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	17.77	13.72	0.0236
78	30	80	650000	3750	CP-OFDM QPSK	109@54	20.96	16.91	0.0491
78	30	80	650000	3750	CP-OFDM QPSK	1@1	19.97	15.92	0.0391
78	30	80	650000	3750	CP-OFDM QPSK	1@215	20.44	16.39	0.0436
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	22.55	18.5	0.0708
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	21.44	17.39	0.0548
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	21.92	17.87	0.0612
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	22.3	18.25	0.0668
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	21.51	17.46	0.0557
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	22.45	18.4	0.0692
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	21.39	17.34	0.0542
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	20.62	16.57	0.0454
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	20.98	16.93	0.0493
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	20.03	15.98	0.0396
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	18.67	14.62	0.0290
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	19.45	15.4	0.0347
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	18.01	13.96	0.0249
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	16.98	12.93	0.0196
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	17.6	13.55	0.0226
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	21.02	16.97	0.0498

78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	19.87	15.82	0.0382
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	20.49	16.44	0.0441
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	120@60	21.94	17.89	0.0615
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@1	21.49	17.44	0.0555
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@243	21.89	17.84	0.0608
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	120@60	22.76	18.71	0.0743
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@1	21.39	17.34	0.0542
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@243	21.75	17.7	0.0589
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	120@60	21.43	17.38	0.0547
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@1	20.61	16.56	0.0453
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@243	20.9	16.85	0.0484
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	120@60	19.91	15.86	0.0385
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@1	18.76	14.71	0.0296
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@243	19.06	15.01	0.0317
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	120@60	17.84	13.79	0.0239
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@1	17.06	13.01	0.0200
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@243	17.2	13.15	0.0207
78	30	90	649667	3745.01	CP-OFDM QPSK	123@61	20.88	16.83	0.0482
78	30	90	649667	3745.01	CP-OFDM QPSK	1@1	20.05	16	0.0398
78	30	90	649667	3745.01	CP-OFDM QPSK	1@243	20.49	16.44	0.0441
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	22.47	18.42	0.0695
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.4	17.35	0.0543
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	21.71	17.66	0.0583
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	22.01	17.96	0.0625
78	30	90	650000	3750	DFT-s-OFDM	1@1	21.47	17.42	0.0552

					QPSK				
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	21.96	17.91	0.0618
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	21.44	17.39	0.0548
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.45	16.4	0.0437
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	20.89	16.84	0.0483
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	19.91	15.86	0.0385
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.55	14.5	0.0282
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	19.12	15.07	0.0321
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	17.87	13.82	0.0241
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.8	12.75	0.0188
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	17.29	13.24	0.0211
78	30	90	650000	3750	CP-OFDM QPSK	123@61	20.88	16.83	0.0482
78	30	90	650000	3750	CP-OFDM QPSK	1@1	19.95	15.9	0.0389
78	30	90	650000	3750	CP-OFDM QPSK	1@243	20.51	16.46	0.0443
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	22.54	18.49	0.0706
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	20.91	16.86	0.0485
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	21.77	17.72	0.0592
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	22.63	18.58	0.0721
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	21.31	17.26	0.0532
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	21.85	17.8	0.0603
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	21.46	17.41	0.0551
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	20.48	16.43	0.0440
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	20.96	16.91	0.0491
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	19.93	15.88	0.0387

78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	18.36	14.31	0.0270
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	19.1	15.05	0.0320
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	17.9	13.85	0.0243
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	16.77	12.72	0.0187
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	17.22	13.17	0.0207
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	21.01	16.96	0.0497
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	19.84	15.79	0.0379
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	20.51	16.46	0.0443
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	21.67	17.62	0.0578
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.23	17.18	0.0522
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.71	17.66	0.0583
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.42	18.37	0.0687
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.21	17.16	0.0520
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.7	17.65	0.0582
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.5	17.45	0.0556
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.27	16.22	0.0419
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.68	16.63	0.0460
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.97	15.92	0.0391
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.54	14.49	0.0281
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.29	15.24	0.0334
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.89	13.84	0.0242
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.82	12.77	0.0189
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.03	12.98	0.0199
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.93	16.88	0.0488

78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.75	15.7	0.0372
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.24	16.19	0.0416
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.41	18.36	0.0685
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.26	17.21	0.0526
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.63	17.58	0.0573
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.49	18.44	0.0698
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.31	17.26	0.0532
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.69	17.64	0.0581
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.42	17.37	0.0546
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.26	16.21	0.0418
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.82	16.77	0.0475
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.91	15.86	0.0385
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.51	14.46	0.0279
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.01	14.96	0.0313
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.89	13.84	0.0242
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.72	12.67	0.0185
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.08	13.03	0.0201
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.86	16.81	0.0480
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.81	15.76	0.0377
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.29	16.24	0.0421
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.43	18.38	0.0689
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.22	17.17	0.0521
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.68	17.63	0.0579
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.35	18.3	0.0676
78	30	100	650000	3750	DFT-s-OFDM	1@1	21.2	17.15	0.0519

					QPSK				
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.73	17.68	0.0586
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.43	17.38	0.0547
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.35	16.3	0.0427
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.81	16.76	0.0474
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.9	15.85	0.0385
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.48	14.43	0.0277
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	18.92	14.87	0.0307
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.96	13.91	0.0246
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.74	12.69	0.0186
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.19	13.14	0.0206
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.92	16.87	0.0486
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.77	15.72	0.0373
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.21	16.16	0.0413

Software Version: 21.02.0429

FR1 N78

LTE Band: 38, LTE BW: 20M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-4.05dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	12@6	21.87	17.82	0.0605
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	22.19	18.14	0.0652
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@22	22.26	18.21	0.0662
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	22.37	18.32	0.0679
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	22.33	18.28	0.0673
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	22.12	18.07	0.0641
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	21.41	17.36	0.0545
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	21.22	17.17	0.0521
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	21.3	17.25	0.0531
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	12@6	19.77	15.72	0.0373
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@1	19.55	15.5	0.0355
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@22	19.59	15.54	0.0358
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	12@6	17.88	13.83	0.0242
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@1	17.92	13.87	0.0244
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@22	17.78	13.73	0.0236
78	30	10	647000	3705	CP-OFDM QPSK	12@6	20.96	16.91	0.0491
78	30	10	647000	3705	CP-OFDM QPSK	1@1	20.74	16.69	0.0467
78	30	10	647000	3705	CP-OFDM QPSK	1@22	20.84	16.79	0.0478
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	12@6	22.52	18.47	0.0703

78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.28	18.23	0.0665
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@22	22.35	18.3	0.0676
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	22.52	18.47	0.0703
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	22.35	18.3	0.0676
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	22.35	18.3	0.0676
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	21.48	17.43	0.0553
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.28	17.23	0.0528
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	21.41	17.36	0.0545
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	12@6	19.96	15.91	0.0390
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.57	15.52	0.0356
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@22	19.53	15.48	0.0353
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	12@6	18.07	14.02	0.0252
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.95	13.9	0.0245
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@22	17.89	13.84	0.0242
78	30	10	650000	3750	CP-OFDM QPSK	12@6	21.05	17	0.0501
78	30	10	650000	3750	CP-OFDM QPSK	1@1	20.7	16.65	0.0462
78	30	10	650000	3750	CP-OFDM QPSK	1@22	20.88	16.83	0.0482
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	12@6	22.62	18.57	0.0719
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	22.48	18.43	0.0697
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@22	22.46	18.41	0.0693
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	22.61	18.56	0.0718
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	22.4	18.35	0.0684
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	22.46	18.41	0.0693
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	21.62	17.57	0.0571

78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.47	17.42	0.0552
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	21.61	17.56	0.0570
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	12@6	20.28	16.23	0.0420
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@1	19.75	15.7	0.0372
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@22	19.93	15.88	0.0387
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	12@6	18.26	14.21	0.0264
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@1	17.98	13.93	0.0247
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@22	18.05	14	0.0251
78	30	10	653000	3795	CP-OFDM QPSK	12@6	21.09	17.04	0.0506
78	30	10	653000	3795	CP-OFDM QPSK	1@1	21.04	16.99	0.0500
78	30	10	653000	3795	CP-OFDM QPSK	1@22	20.96	16.91	0.0491
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	18@9	21.85	17.8	0.0603
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@1	22.3	18.25	0.0668
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@36	22.13	18.08	0.0643
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	18@9	22.34	18.29	0.0675
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@1	22.25	18.2	0.0661
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@36	22.15	18.1	0.0646
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	18@9	21.34	17.29	0.0536
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@1	21.31	17.26	0.0532
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@36	21.27	17.22	0.0527
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	18@9	19.77	15.72	0.0373
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@1	19.8	15.75	0.0376
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@36	19.42	15.37	0.0344
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	18@9	17.78	13.73	0.0236

78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@1	17.7	13.65	0.0232
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@36	17.84	13.79	0.0239
78	30	15	647166	3707.49	CP-OFDM QPSK	19@9	20.68	16.63	0.0460
78	30	15	647166	3707.49	CP-OFDM QPSK	1@1	20.8	16.75	0.0473
78	30	15	647166	3707.49	CP-OFDM QPSK	1@36	20.61	16.56	0.0453
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	18@9	22.46	18.41	0.0693
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.27	18.22	0.0664
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@36	22.4	18.35	0.0684
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	22.44	18.39	0.0690
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	22.32	18.27	0.0671
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	22.41	18.36	0.0685
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	21.5	17.45	0.0556
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.27	17.22	0.0527
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	21.47	17.42	0.0552
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	18@9	20.02	15.97	0.0395
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.46	15.41	0.0348
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@36	19.69	15.64	0.0366
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	18@9	18.02	13.97	0.0249
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.64	13.59	0.0229
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@36	17.95	13.9	0.0245
78	30	15	650000	3750	CP-OFDM QPSK	19@9	20.93	16.88	0.0488
78	30	15	650000	3750	CP-OFDM QPSK	1@1	20.82	16.77	0.0475
78	30	15	650000	3750	CP-OFDM QPSK	1@36	20.96	16.91	0.0491
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	18@9	22.55	18.5	0.0708
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	22.34	18.29	0.0675

78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@36	22.44	18.39	0.0690
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	22.55	18.5	0.0708
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	22.3	18.25	0.0668
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	22.49	18.44	0.0698
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	21.54	17.49	0.0561
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	21.43	17.38	0.0547
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	21.35	17.3	0.0537
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	18@9	20.02	15.97	0.0395
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@1	19.61	15.56	0.0360
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@36	19.83	15.78	0.0378
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	18@9	18.09	14.04	0.0254
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@1	17.94	13.89	0.0245
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@36	18.17	14.12	0.0258
78	30	15	652832	3792.48	CP-OFDM QPSK	19@9	20.91	16.86	0.0485
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	20.82	16.77	0.0475
78	30	15	652832	3792.48	CP-OFDM QPSK	1@36	20.86	16.81	0.0480
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	25@12	21.87	17.82	0.0605
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@1	22.15	18.1	0.0646
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@49	21.97	17.92	0.0619
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	25@12	22.32	18.27	0.0671
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@1	22.13	18.08	0.0643
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@49	22.08	18.03	0.0635
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	25@12	21.24	17.19	0.0524
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@1	21.29	17.24	0.0530

78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@49	21.09	17.04	0.0506
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	25@12	19.74	15.69	0.0371
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@1	19.39	15.34	0.0342
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@49	19.37	15.32	0.0340
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	25@12	17.79	13.74	0.0237
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@1	17.48	13.43	0.0220
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@49	17.56	13.51	0.0224
78	30	20	647333	3709.99	CP-OFDM QPSK	25@121	19.32	15.27	0.0337
78	30	20	647333	3709.99	CP-OFDM QPSK	1@1	20.68	16.63	0.0460
78	30	20	647333	3709.99	CP-OFDM QPSK	1@49	20.59	16.54	0.0451
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	22.5	18.45	0.0700
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.24	18.19	0.0659
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	22.35	18.3	0.0676
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	22.52	18.47	0.0703
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	22.05	18	0.0631
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	22.32	18.27	0.0671
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	21.46	17.41	0.0551
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.26	17.21	0.0526
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	21.34	17.29	0.0536
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	20.03	15.98	0.0396
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.44	15.39	0.0346
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	19.7	15.65	0.0367
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	17.9	13.85	0.0243
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.75	13.7	0.0234

78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	17.49	13.44	0.0221
78	30	20	650000	3750	CP-OFDM QPSK	25@121	19.41	15.36	0.0344
78	30	20	650000	3750	CP-OFDM QPSK	1@1	20.72	16.67	0.0465
78	30	20	650000	3750	CP-OFDM QPSK	1@49	20.84	16.79	0.0478
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	22.49	18.44	0.0698
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	22.37	18.32	0.0679
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	22.45	18.4	0.0692
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	22.54	18.49	0.0706
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	22.26	18.21	0.0662
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	22.4	18.35	0.0684
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	21.56	17.51	0.0564
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.41	17.36	0.0545
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	21.49	17.44	0.0555
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	20.01	15.96	0.0394
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	19.65	15.6	0.0363
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	19.93	15.88	0.0387
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	18.04	13.99	0.0251
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	17.74	13.69	0.0234
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	17.99	13.94	0.0248
78	30	20	652666	3789.99	CP-OFDM QPSK	25@121	19.42	15.37	0.0344
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	20.83	16.78	0.0476
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	21.04	16.99	0.0500
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	21.7	17.65	0.0582
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	21.93	17.88	0.0614
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	21.98	17.93	0.0621

78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	22.31	18.26	0.0670
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	21.8	17.75	0.0596
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	21.88	17.83	0.0607
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.33	17.28	0.0535
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	20.96	16.91	0.0491
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	20.97	16.92	0.0492
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	19.75	15.7	0.0372
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	19.33	15.28	0.0337
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	19.31	15.26	0.0336
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	17.92	13.87	0.0244
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	17.43	13.38	0.0218
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	17.5	13.45	0.0221
78	30	40	648000	3720	CP-OFDM QPSK	53@26	20.74	16.69	0.0467
78	30	40	648000	3720	CP-OFDM QPSK	1@1	20.33	16.28	0.0425
78	30	40	648000	3720	CP-OFDM QPSK	1@104	20.38	16.33	0.0430
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	22.45	18.4	0.0692
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.71	17.66	0.0583
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	22.13	18.08	0.0643
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	22.54	18.49	0.0706
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	21.67	17.62	0.0578
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	21.79	17.74	0.0594
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	21.55	17.5	0.0562
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.94	16.89	0.0489
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	21.26	17.21	0.0526

78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	19.96	15.91	0.0390
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.17	15.12	0.0325
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	19.61	15.56	0.0360
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	18.01	13.96	0.0249
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.24	13.19	0.0208
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	17.81	13.76	0.0238
78	30	40	650000	3750	CP-OFDM QPSK	53@26	21.02	16.97	0.0498
78	30	40	650000	3750	CP-OFDM QPSK	1@1	20.29	16.24	0.0421
78	30	40	650000	3750	CP-OFDM QPSK	1@104	20.64	16.59	0.0456
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	22.69	18.64	0.0731
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	22.04	17.99	0.0630
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	22.16	18.11	0.0647
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	22.54	18.49	0.0706
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	22.12	18.07	0.0641
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	22.14	18.09	0.0644
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	21.56	17.51	0.0564
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.07	17.02	0.0504
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	21.2	17.15	0.0519
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	20.1	16.05	0.0403
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	19.28	15.23	0.0333
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	19.2	15.15	0.0327
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	18.08	14.03	0.0253
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	17.3	13.25	0.0211
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	17.81	13.76	0.0238

78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.07	17.02	0.0504
78	30	40	652000	3780	CP-OFDM QPSK	1@1	20.53	16.48	0.0445
78	30	40	652000	3780	CP-OFDM QPSK	1@104	20.58	16.53	0.0450
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	64@32	21.85	17.8	0.0603
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@1	22.09	18.04	0.0637
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@131	22.19	18.14	0.0652
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	64@32	22.31	18.26	0.0670
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@1	22.04	17.99	0.0630
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@131	22.15	18.1	0.0646
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	64@32	21.19	17.14	0.0518
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@1	21.15	17.1	0.0513
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@131	21.13	17.08	0.0511
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	64@32	19.7	15.65	0.0367
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@1	19.33	15.28	0.0337
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@131	19.46	15.41	0.0348
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	64@32	17.8	13.75	0.0237
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@1	17.48	13.43	0.0220
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@131	17.62	13.57	0.0228
78	30	50	648333	3724.99	CP-OFDM QPSK	67@33	20.81	16.76	0.0474
78	30	50	648333	3724.99	CP-OFDM QPSK	1@1	20.65	16.6	0.0457
78	30	50	648333	3724.99	CP-OFDM QPSK	1@131	20.83	16.78	0.0476
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	22.61	18.56	0.0718
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.81	17.76	0.0597
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	22.27	18.22	0.0664
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	22.6	18.55	0.0716

78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	21.71	17.66	0.0583
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	22.34	18.29	0.0675
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	21.53	17.48	0.0560
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.82	16.77	0.0475
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	21.42	17.37	0.0546
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	20.02	15.97	0.0395
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.08	15.03	0.0318
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	19.59	15.54	0.0358
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	18.01	13.96	0.0249
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.25	13.2	0.0209
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	18.07	14.02	0.0252
78	30	50	650000	3750	CP-OFDM QPSK	67@33	21.06	17.01	0.0502
78	30	50	650000	3750	CP-OFDM QPSK	1@1	20.27	16.22	0.0419
78	30	50	650000	3750	CP-OFDM QPSK	1@131	20.78	16.73	0.0471
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	22.66	18.61	0.0726
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	22.15	18.1	0.0646
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	22.27	18.22	0.0664
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	22.62	18.57	0.0719
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.09	18.04	0.0637
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	22.25	18.2	0.0661
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	21.63	17.58	0.0573
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.19	17.14	0.0518
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.27	17.22	0.0527
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.05	16	0.0398

78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	19.48	15.43	0.0349
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	19.58	15.53	0.0357
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.17	14.12	0.0258
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	17.74	13.69	0.0234
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	17.9	13.85	0.0243
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.06	17.01	0.0502
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	20.68	16.63	0.0460
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	20.88	16.83	0.0482
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	81@40	21.91	17.86	0.0611
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@1	21.98	17.93	0.0621
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@160	22.16	18.11	0.0647
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	81@40	22.32	18.27	0.0671
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@1	21.89	17.84	0.0608
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@160	22.08	18.03	0.0635
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	81@40	21.4	17.35	0.0543
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@1	20.92	16.87	0.0486
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@160	21.34	17.29	0.0536
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	81@40	19.81	15.76	0.0377
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@1	19.16	15.11	0.0324
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@160	19.75	15.7	0.0372
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	81@40	17.79	13.74	0.0237
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@1	17.65	13.6	0.0229
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@160	17.86	13.81	0.0240
78	30	60	648667	3730.01	CP-OFDM QPSK	81@40	20.83	16.78	0.0476

78	30	60	648667	3730.01	CP-OFDM QPSK	1@1	20.4	16.35	0.0432
78	30	60	648667	3730.01	CP-OFDM QPSK	1@160	20.95	16.9	0.0490
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	22.52	18.47	0.0703
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.63	17.58	0.0573
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	22.15	18.1	0.0646
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	22.51	18.46	0.0701
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	21.92	17.87	0.0612
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	22.15	18.1	0.0646
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	21.51	17.46	0.0557
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.76	16.71	0.0469
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.06	17.01	0.0502
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	19.95	15.9	0.0389
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.95	14.9	0.0309
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	19.37	15.32	0.0340
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	17.96	13.91	0.0246
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.25	13.2	0.0209
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	17.63	13.58	0.0228
78	30	60	650000	3750	CP-OFDM QPSK	81@40	21.03	16.98	0.0499
78	30	60	650000	3750	CP-OFDM QPSK	1@1	20.24	16.19	0.0416
78	30	60	650000	3750	CP-OFDM QPSK	1@160	20.79	16.74	0.0472
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	22.67	18.62	0.0728
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	21.8	17.75	0.0596
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	22.26	18.21	0.0662
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	22.67	18.62	0.0728
78	30	60	651332	3769.98	DFT-s-OFDM	1@1	21.9	17.85	0.0610

					QPSK				
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	22.24	18.19	0.0659
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	21.62	17.57	0.0571
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	20.79	16.74	0.0472
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.37	17.32	0.0540
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	20.07	16.02	0.0400
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	19.18	15.13	0.0326
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	19.5	15.45	0.0351
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	18.19	14.14	0.0259
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	17.46	13.41	0.0219
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	17.87	13.82	0.0241
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	21.13	17.08	0.0511
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	20.45	16.4	0.0437
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	20.93	16.88	0.0488
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	22.21	18.16	0.0655
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.18	18.13	0.0650
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	22.36	18.31	0.0678
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	22.62	18.57	0.0719
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	21.99	17.94	0.0622
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.28	18.23	0.0665
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.7	17.65	0.0582
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.02	16.97	0.0498
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.54	17.49	0.0561
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.11	16.06	0.0404

78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	19.36	15.31	0.0340
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	19.95	15.9	0.0389
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	17.89	13.84	0.0242
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	17.75	13.7	0.0234
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	17.96	13.91	0.0246
78	30	70	649000	3735	CP-OFDM QPSK	95@47	21.03	16.98	0.0499
78	30	70	649000	3735	CP-OFDM QPSK	1@1	20.6	16.55	0.0452
78	30	70	649000	3735	CP-OFDM QPSK	1@187	21.25	17.2	0.0525
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	22.82	18.77	0.0753
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.83	17.78	0.0600
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	22.25	18.2	0.0661
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	22.81	18.76	0.0752
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	22.02	17.97	0.0627
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	22.25	18.2	0.0661
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	21.71	17.66	0.0583
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.86	16.81	0.0480
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.26	17.21	0.0526
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	20.15	16.1	0.0407
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.25	15.2	0.0331
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	19.57	15.52	0.0356
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	18.16	14.11	0.0258
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.55	13.5	0.0224
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	17.83	13.78	0.0239
78	30	70	650000	3750	CP-OFDM QPSK	95@47	21.23	17.18	0.0522

78	30	70	650000	3750	CP-OFDM QPSK	1@1	20.54	16.49	0.0446
78	30	70	650000	3750	CP-OFDM QPSK	1@187	21.09	17.04	0.0506
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	22.87	18.82	0.0762
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	22	17.95	0.0624
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	22.56	18.51	0.0710
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	22.77	18.72	0.0745
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	22.2	18.15	0.0653
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	22.54	18.49	0.0706
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	21.82	17.77	0.0598
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	20.99	16.94	0.0494
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.47	17.42	0.0552
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	20.37	16.32	0.0429
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	19.38	15.33	0.0341
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	19.7	15.65	0.0367
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	18.29	14.24	0.0265
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	17.66	13.61	0.0230
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	18.17	14.12	0.0258
78	30	70	651000	3765	CP-OFDM QPSK	95@47	21.23	17.18	0.0522
78	30	70	651000	3765	CP-OFDM QPSK	1@1	20.75	16.7	0.0468
78	30	70	651000	3765	CP-OFDM QPSK	1@187	21.03	16.98	0.0499
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	108@54	21.86	17.81	0.0604
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@1	21.68	17.63	0.0579
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@215	21.99	17.94	0.0622
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	108@54	22.47	18.42	0.0695
78	30	80	649333	3739.99	DFT-s-OFDM	1@1	21.72	17.67	0.0585

					QPSK				
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	1@215	21.97	17.92	0.0619
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	108@54	21.38	17.33	0.0541
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@1	20.74	16.69	0.0467
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@215	21.08	17.03	0.0505
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	108@54	19.79	15.74	0.0375
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@1	18.94	14.89	0.0308
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@215	19.34	15.29	0.0338
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	108@54	17.9	13.85	0.0243
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@1	17.03	12.98	0.0199
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@215	17.31	13.26	0.0212
78	30	80	649333	3739.99	CP-OFDM QPSK	109@54	20.97	16.92	0.0492
78	30	80	649333	3739.99	CP-OFDM QPSK	1@1	20.22	16.17	0.0414
78	30	80	649333	3739.99	CP-OFDM QPSK	1@215	20.59	16.54	0.0451
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	22.55	18.5	0.0708
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.51	17.46	0.0557
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	21.93	17.88	0.0614
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	22.53	18.48	0.0705
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	21.48	17.43	0.0553
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	21.92	17.87	0.0612
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	21.52	17.47	0.0558
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.66	16.61	0.0458
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	21.14	17.09	0.0512
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	20.01	15.96	0.0394

78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.89	14.84	0.0305
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	19.4	15.35	0.0343
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	18.02	13.97	0.0249
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.05	13	0.0200
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	17.35	13.3	0.0214
78	30	80	650000	3750	CP-OFDM QPSK	109@54	21	16.95	0.0495
78	30	80	650000	3750	CP-OFDM QPSK	1@1	20.07	16.02	0.0400
78	30	80	650000	3750	CP-OFDM QPSK	1@215	20.47	16.42	0.0439
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	22.58	18.53	0.0713
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	21.49	17.44	0.0555
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	22.03	17.98	0.0628
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	22.49	18.44	0.0698
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	21.44	17.39	0.0548
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	22.08	18.03	0.0635
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	21.5	17.45	0.0556
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	20.49	16.44	0.0441
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	21.14	17.09	0.0512
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	20.11	16.06	0.0404
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	18.77	14.72	0.0296
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	19.5	15.45	0.0351
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	18.07	14.02	0.0252
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	16.9	12.85	0.0193
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	17.51	13.46	0.0222
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	21.01	16.96	0.0497

78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	19.95	15.9	0.0389
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	20.66	16.61	0.0458
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	120@60	21.77	17.72	0.0592
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@1	21.53	17.48	0.0560
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@243	21.94	17.89	0.0615
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	120@60	22.43	18.38	0.0689
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@1	21.47	17.42	0.0552
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@243	21.8	17.75	0.0596
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	120@60	21.4	17.35	0.0543
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@1	20.59	16.54	0.0451
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@243	20.87	16.82	0.0481
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	120@60	19.93	15.88	0.0387
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@1	18.8	14.75	0.0299
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@243	19.17	15.12	0.0325
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	120@60	17.93	13.88	0.0244
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@1	17.11	13.06	0.0202
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@243	17.21	13.16	0.0207
78	30	90	649667	3745.01	CP-OFDM QPSK	123@61	20.91	16.86	0.0485
78	30	90	649667	3745.01	CP-OFDM QPSK	1@1	20.02	15.97	0.0395
78	30	90	649667	3745.01	CP-OFDM QPSK	1@243	20.48	16.43	0.0440
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	22.35	18.3	0.0676
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.33	17.28	0.0535
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	21.79	17.74	0.0594
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	22.47	18.42	0.0695
78	30	90	650000	3750	DFT-s-OFDM	1@1	21.41	17.36	0.0545

					QPSK				
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	21.87	17.82	0.0605
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	21.45	17.4	0.0550
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.59	16.54	0.0451
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	20.87	16.82	0.0481
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	19.86	15.81	0.0381
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.58	14.53	0.0284
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	19.24	15.19	0.0330
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	17.81	13.76	0.0238
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.9	12.85	0.0193
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	17.22	13.17	0.0207
78	30	90	650000	3750	CP-OFDM QPSK	123@61	20.92	16.87	0.0486
78	30	90	650000	3750	CP-OFDM QPSK	1@1	19.95	15.9	0.0389
78	30	90	650000	3750	CP-OFDM QPSK	1@243	20.52	16.47	0.0444
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	22.45	18.4	0.0692
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	21.31	17.26	0.0532
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	21.81	17.76	0.0597
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	22.43	18.38	0.0689
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	21.24	17.19	0.0524
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	21.85	17.8	0.0603
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	21.49	17.44	0.0555
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	20.45	16.4	0.0437
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	20.88	16.83	0.0482
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	19.96	15.91	0.0390

78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	18.61	14.56	0.0286
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	19.18	15.13	0.0326
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	17.97	13.92	0.0247
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	16.85	12.8	0.0191
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	17.19	13.14	0.0206
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	20.94	16.89	0.0489
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	19.77	15.72	0.0373
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	20.42	16.37	0.0434
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	21.73	17.68	0.0586
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.3	17.25	0.0531
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.74	17.69	0.0587
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.43	18.38	0.0689
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.25	17.2	0.0525
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.77	17.72	0.0592
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.47	17.42	0.0552
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.43	16.38	0.0435
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.88	16.83	0.0482
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.85	15.8	0.0380
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.58	14.53	0.0284
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.13	15.08	0.0322
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.89	13.84	0.0242
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.84	12.79	0.0190
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.16	13.11	0.0205
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.87	16.82	0.0481

78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.85	15.8	0.0380
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.32	16.27	0.0424
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.46	18.41	0.0693
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.27	17.22	0.0527
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.7	17.65	0.0582
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.46	18.41	0.0693
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.33	17.28	0.0535
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.7	17.65	0.0582
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.43	17.38	0.0547
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.21	16.16	0.0413
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.77	16.72	0.0470
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.97	15.92	0.0391
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.53	14.48	0.0281
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.04	14.99	0.0316
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.85	13.8	0.0240
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.78	12.73	0.0187
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.36	13.31	0.0214
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.9	16.85	0.0484
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.86	15.81	0.0381
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.28	16.23	0.0420
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.53	18.48	0.0705
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.22	17.17	0.0521
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.64	17.59	0.0574
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.45	18.4	0.0692
78	30	100	650000	3750	DFT-s-OFDM	1@1	21.32	17.27	0.0533

					QPSK				
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.76	17.71	0.0590
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.45	17.4	0.0550
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.2	16.15	0.0412
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.64	16.59	0.0456
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.94	15.89	0.0388
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.34	14.29	0.0269
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.1	15.05	0.0320
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.92	13.87	0.0244
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.97	12.92	0.0196
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.4	13.35	0.0216
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.88	16.83	0.0482
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.86	15.81	0.0381
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.35	16.3	0.0427

Software Version: 21.02.0429

FR1 N78

LTE Band: 66, LTE BW: 20M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-4.05dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	12@6	22.56	18.51	0.0710
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	22.41	18.36	0.0685
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@22	22.33	18.28	0.0673
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	22.49	18.44	0.0698
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	22.48	18.43	0.0697
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	22.25	18.2	0.0661
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	21.43	17.38	0.0547
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	21.38	17.33	0.0541
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	21.37	17.32	0.0540
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	12@6	19.99	15.94	0.0393
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@1	19.71	15.66	0.0368
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@22	19.49	15.44	0.0350
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	12@6	18.03	13.98	0.0250
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@1	17.91	13.86	0.0243
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@22	17.87	13.82	0.0241
78	30	10	647000	3705	CP-OFDM QPSK	12@6	20.96	16.91	0.0491
78	30	10	647000	3705	CP-OFDM QPSK	1@1	20.89	16.84	0.0483
78	30	10	647000	3705	CP-OFDM QPSK	1@22	20.67	16.62	0.0459
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	12@6	22.54	18.49	0.0706

78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.22	18.17	0.0656
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@22	22.44	18.39	0.0690
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	22.53	18.48	0.0705
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	22.41	18.36	0.0685
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	22.33	18.28	0.0673
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	21.57	17.52	0.0565
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.32	17.27	0.0533
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	21.51	17.46	0.0557
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	12@6	20.01	15.96	0.0394
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.84	15.79	0.0379
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@22	19.79	15.74	0.0375
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	12@6	18.06	14.01	0.0252
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.86	13.81	0.0240
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@22	17.97	13.92	0.0247
78	30	10	650000	3750	CP-OFDM QPSK	12@6	21	16.95	0.0495
78	30	10	650000	3750	CP-OFDM QPSK	1@1	20.91	16.86	0.0485
78	30	10	650000	3750	CP-OFDM QPSK	1@22	20.98	16.93	0.0493
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	12@6	22.7	18.65	0.0733
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	22.48	18.43	0.0697
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@22	22.55	18.5	0.0708
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	22.63	18.58	0.0721
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	22.43	18.38	0.0689
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	22.45	18.4	0.0692
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	21.62	17.57	0.0571

78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.57	17.52	0.0565
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	21.66	17.61	0.0577
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	12@6	20.1	16.05	0.0403
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@1	19.8	15.75	0.0376
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@22	19.92	15.87	0.0386
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	12@6	18.24	14.19	0.0262
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@1	18.07	14.02	0.0252
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@22	18.11	14.06	0.0255
78	30	10	653000	3795	CP-OFDM QPSK	12@6	21.13	17.08	0.0511
78	30	10	653000	3795	CP-OFDM QPSK	1@1	21.01	16.96	0.0497
78	30	10	653000	3795	CP-OFDM QPSK	1@22	21.04	16.99	0.0500
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	18@9	22.03	17.98	0.0628
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@1	22.36	18.31	0.0678
78	30	15	647166	3707.49	DFT-s-OFDM PI/2 BPSK	1@36	22.1	18.05	0.0638
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	18@9	22.46	18.41	0.0693
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@1	22.4	18.35	0.0684
78	30	15	647166	3707.49	DFT-s-OFDM QPSK	1@36	22.07	18.02	0.0634
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	18@9	21.46	17.41	0.0551
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@1	21.28	17.23	0.0528
78	30	15	647166	3707.49	DFT-s-OFDM 16 QAM	1@36	21.23	17.18	0.0522
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	18@9	19.81	15.76	0.0377
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@1	19.59	15.54	0.0358
78	30	15	647166	3707.49	DFT-s-OFDM 64 QAM	1@36	19.49	15.44	0.0350
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	18@9	17.96	13.91	0.0246

78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@1	17.58	13.53	0.0225
78	30	15	647166	3707.49	DFT-s-OFDM 256 QAM	1@36	17.92	13.87	0.0244
78	30	15	647166	3707.49	CP-OFDM QPSK	19@9	20.88	16.83	0.0482
78	30	15	647166	3707.49	CP-OFDM QPSK	1@1	20.87	16.82	0.0481
78	30	15	647166	3707.49	CP-OFDM QPSK	1@36	20.78	16.73	0.0471
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	18@9	22.6	18.55	0.0716
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.28	18.23	0.0665
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@36	22.4	18.35	0.0684
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	22.47	18.42	0.0695
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	22.29	18.24	0.0667
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	22.54	18.49	0.0706
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	21.58	17.53	0.0566
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.23	17.18	0.0522
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	21.55	17.5	0.0562
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	18@9	19.89	15.84	0.0384
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.57	15.52	0.0356
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@36	19.76	15.71	0.0372
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	18@9	18.01	13.96	0.0249
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.04	13.99	0.0251
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@36	18.02	13.97	0.0249
78	30	15	650000	3750	CP-OFDM QPSK	19@9	21.01	16.96	0.0497
78	30	15	650000	3750	CP-OFDM QPSK	1@1	20.83	16.78	0.0476
78	30	15	650000	3750	CP-OFDM QPSK	1@36	20.9	16.85	0.0484
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	18@9	22.58	18.53	0.0713
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	22.4	18.35	0.0684

78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@36	22.51	18.46	0.0701
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	22.56	18.51	0.0710
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	22.31	18.26	0.0670
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	22.48	18.43	0.0697
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	21.61	17.56	0.0570
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	21.5	17.45	0.0556
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	21.6	17.55	0.0569
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	18@9	20.01	15.96	0.0394
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@1	19.72	15.67	0.0369
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@36	19.96	15.91	0.0390
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	18@9	18.18	14.13	0.0259
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@1	18.08	14.03	0.0253
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@36	17.97	13.92	0.0247
78	30	15	652832	3792.48	CP-OFDM QPSK	19@9	21.08	17.03	0.0505
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	20.92	16.87	0.0486
78	30	15	652832	3792.48	CP-OFDM QPSK	1@36	21.1	17.05	0.0507
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	25@12	21.91	17.86	0.0611
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@1	22.22	18.17	0.0656
78	30	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@49	22.06	18.01	0.0632
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	25@12	22.33	18.28	0.0673
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@1	22.2	18.15	0.0653
78	30	20	647333	3709.99	DFT-s-OFDM QPSK	1@49	22.1	18.05	0.0638
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	25@12	21.37	17.32	0.0540
78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@1	21.32	17.27	0.0533

78	30	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@49	21.19	17.14	0.0518
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	25@12	19.9	15.85	0.0385
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@1	19.63	15.58	0.0361
78	30	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@49	19.52	15.47	0.0352
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	25@12	17.81	13.76	0.0238
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@1	17.58	13.53	0.0225
78	30	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@49	17.72	13.67	0.0233
78	30	20	647333	3709.99	CP-OFDM QPSK	25@121	19.33	15.28	0.0337
78	30	20	647333	3709.99	CP-OFDM QPSK	1@1	20.63	16.58	0.0455
78	30	20	647333	3709.99	CP-OFDM QPSK	1@49	20.6	16.55	0.0452
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	22.61	18.56	0.0718
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.17	18.12	0.0649
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	22.3	18.25	0.0668
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	22.55	18.5	0.0708
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	22.2	18.15	0.0653
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	22.35	18.3	0.0676
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	21.43	17.38	0.0547
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.12	17.07	0.0509
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	21.41	17.36	0.0545
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	20.08	16.03	0.0401
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.7	15.65	0.0367
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	19.83	15.78	0.0378
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	18.02	13.97	0.0249
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.55	13.5	0.0224

78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	18.18	14.13	0.0259
78	30	20	650000	3750	CP-OFDM QPSK	25@121	19.45	15.4	0.0347
78	30	20	650000	3750	CP-OFDM QPSK	1@1	20.77	16.72	0.0470
78	30	20	650000	3750	CP-OFDM QPSK	1@49	20.83	16.78	0.0476
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	22.53	18.48	0.0705
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	22.34	18.29	0.0675
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	22.46	18.41	0.0693
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	22.6	18.55	0.0716
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	22.35	18.3	0.0676
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	22.5	18.45	0.0700
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	21.58	17.53	0.0566
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.46	17.41	0.0551
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	21.53	17.48	0.0560
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	20.22	16.17	0.0414
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	19.7	15.65	0.0367
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	19.71	15.66	0.0368
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	18.05	14	0.0251
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	17.9	13.85	0.0243
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	18.19	14.14	0.0259
78	30	20	652666	3789.99	CP-OFDM QPSK	25@121	19.53	15.48	0.0353
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	20.84	16.79	0.0478
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	20.98	16.93	0.0493
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	21.78	17.73	0.0593
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	21.98	17.93	0.0621
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	22.08	18.03	0.0635

78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	22.32	18.27	0.0671
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.02	17.97	0.0627
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	22.01	17.96	0.0625
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.28	17.23	0.0528
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	21.04	16.99	0.0500
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	20.97	16.92	0.0492
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	19.86	15.81	0.0381
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	19.27	15.22	0.0333
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	19.43	15.38	0.0345
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	17.78	13.73	0.0236
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	17.5	13.45	0.0221
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	17.62	13.57	0.0228
78	30	40	648000	3720	CP-OFDM QPSK	53@26	20.76	16.71	0.0469
78	30	40	648000	3720	CP-OFDM QPSK	1@1	20.44	16.39	0.0436
78	30	40	648000	3720	CP-OFDM QPSK	1@104	20.45	16.4	0.0437
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	22.59	18.54	0.0714
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.71	17.66	0.0583
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	22.14	18.09	0.0644
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	22.56	18.51	0.0710
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	21.72	17.67	0.0585
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	22.15	18.1	0.0646
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	21.57	17.52	0.0565
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.79	16.74	0.0472
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	21.19	17.14	0.0518

78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	19.92	15.87	0.0386
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.06	15.01	0.0317
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	19.5	15.45	0.0351
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	18.06	14.01	0.0252
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.33	13.28	0.0213
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	17.71	13.66	0.0232
78	30	40	650000	3750	CP-OFDM QPSK	53@26	21.03	16.98	0.0499
78	30	40	650000	3750	CP-OFDM QPSK	1@1	20.44	16.39	0.0436
78	30	40	650000	3750	CP-OFDM QPSK	1@104	20.7	16.65	0.0462
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	22.6	18.55	0.0716
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	22.04	17.99	0.0630
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	22.13	18.08	0.0643
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	22.56	18.51	0.0710
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	22.06	18.01	0.0632
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	22.12	18.07	0.0641
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	21.61	17.56	0.0570
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.12	17.07	0.0509
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	21.22	17.17	0.0521
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	20.13	16.08	0.0406
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	19.31	15.26	0.0336
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	19.37	15.32	0.0340
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	18.12	14.07	0.0255
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	17.6	13.55	0.0226
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	17.51	13.46	0.0222

78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.06	17.01	0.0502
78	30	40	652000	3780	CP-OFDM QPSK	1@1	20.4	16.35	0.0432
78	30	40	652000	3780	CP-OFDM QPSK	1@104	20.72	16.67	0.0465
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	64@32	21.86	17.81	0.0604
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@1	22.05	18	0.0631
78	30	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@131	22.11	18.06	0.0640
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	64@32	22.32	18.27	0.0671
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@1	22.07	18.02	0.0634
78	30	50	648333	3724.99	DFT-s-OFDM QPSK	1@131	22.23	18.18	0.0658
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	64@32	21.4	17.35	0.0543
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@1	20.98	16.93	0.0493
78	30	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@131	21.24	17.19	0.0524
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	64@32	19.78	15.73	0.0374
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@1	19.33	15.28	0.0337
78	30	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@131	19.47	15.42	0.0348
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	64@32	17.83	13.78	0.0239
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@1	17.45	13.4	0.0219
78	30	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@131	17.77	13.72	0.0236
78	30	50	648333	3724.99	CP-OFDM QPSK	67@33	20.78	16.73	0.0471
78	30	50	648333	3724.99	CP-OFDM QPSK	1@1	20.68	16.63	0.0460
78	30	50	648333	3724.99	CP-OFDM QPSK	1@131	20.84	16.79	0.0478
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	22.57	18.52	0.0711
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.86	17.81	0.0604
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	22.36	18.31	0.0678
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	22.55	18.5	0.0708

78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	21.84	17.79	0.0601
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	22.29	18.24	0.0667
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	21.54	17.49	0.0561
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.93	16.88	0.0488
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	21.43	17.38	0.0547
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	20.01	15.96	0.0394
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.17	15.12	0.0325
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	19.51	15.46	0.0352
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	18.06	14.01	0.0252
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.28	13.23	0.0210
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	17.78	13.73	0.0236
78	30	50	650000	3750	CP-OFDM QPSK	67@33	21.11	17.06	0.0508
78	30	50	650000	3750	CP-OFDM QPSK	1@1	20.37	16.32	0.0429
78	30	50	650000	3750	CP-OFDM QPSK	1@131	20.96	16.91	0.0491
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	22.7	18.65	0.0733
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	22.2	18.15	0.0653
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	22.25	18.2	0.0661
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	22.64	18.59	0.0723
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.15	18.1	0.0646
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	22.34	18.29	0.0675
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	21.63	17.58	0.0573
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.25	17.2	0.0525
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.4	17.35	0.0543
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.13	16.08	0.0406

78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	19.39	15.34	0.0342
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	19.66	15.61	0.0364
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.08	14.03	0.0253
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	17.67	13.62	0.0230
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	17.86	13.81	0.0240
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.09	17.04	0.0506
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	20.66	16.61	0.0458
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	21	16.95	0.0495
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	81@40	21.9	17.85	0.0610
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@1	21.91	17.86	0.0611
78	30	60	648667	3730.01	DFT-s-OFDM PI/2 BPSK	1@160	22.23	18.18	0.0658
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	81@40	22.34	18.29	0.0675
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@1	21.87	17.82	0.0605
78	30	60	648667	3730.01	DFT-s-OFDM QPSK	1@160	22.25	18.2	0.0661
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	81@40	21.32	17.27	0.0533
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@1	20.88	16.83	0.0482
78	30	60	648667	3730.01	DFT-s-OFDM 16 QAM	1@160	21.12	17.07	0.0509
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	81@40	19.72	15.67	0.0369
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@1	19.09	15.04	0.0319
78	30	60	648667	3730.01	DFT-s-OFDM 64 QAM	1@160	19.46	15.41	0.0348
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	81@40	17.78	13.73	0.0236
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@1	17.49	13.44	0.0221
78	30	60	648667	3730.01	DFT-s-OFDM 256 QAM	1@160	17.75	13.7	0.0234
78	30	60	648667	3730.01	CP-OFDM QPSK	81@40	20.93	16.88	0.0488

78	30	60	648667	3730.01	CP-OFDM QPSK	1@1	20.36	16.31	0.0428
78	30	60	648667	3730.01	CP-OFDM QPSK	1@160	20.83	16.78	0.0476
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	22.57	18.52	0.0711
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.72	17.67	0.0585
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	22.19	18.14	0.0652
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	22.55	18.5	0.0708
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	21.72	17.67	0.0585
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	22.19	18.14	0.0652
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	21.53	17.48	0.0560
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.7	16.65	0.0462
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.25	17.2	0.0525
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	20	15.95	0.0394
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.05	15	0.0316
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	19.83	15.78	0.0378
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	17.96	13.91	0.0246
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.25	13.2	0.0209
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	17.53	13.48	0.0223
78	30	60	650000	3750	CP-OFDM QPSK	81@40	21.03	16.98	0.0499
78	30	60	650000	3750	CP-OFDM QPSK	1@1	20.15	16.1	0.0407
78	30	60	650000	3750	CP-OFDM QPSK	1@160	20.83	16.78	0.0476
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	22.63	18.58	0.0721
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	21.87	17.82	0.0605
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	22.33	18.28	0.0673
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	22.65	18.6	0.0724
78	30	60	651332	3769.98	DFT-s-OFDM	1@1	22.02	17.97	0.0627

					QPSK				
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	22.3	18.25	0.0668
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	21.65	17.6	0.0575
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	21.11	17.06	0.0508
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.35	17.3	0.0537
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	20.16	16.11	0.0408
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	19.2	15.15	0.0327
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	19.8	15.75	0.0376
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	18.07	14.02	0.0252
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	17.46	13.41	0.0219
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	17.71	13.66	0.0232
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	21.12	17.07	0.0509
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	20.44	16.39	0.0436
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	20.91	16.86	0.0485
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	21.94	17.89	0.0615
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.02	17.97	0.0627
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	22.15	18.1	0.0646
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	22.8	18.75	0.0750
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	21.9	17.85	0.0610
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.31	18.26	0.0670
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.56	17.51	0.0564
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	20.9	16.85	0.0484
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.32	17.27	0.0533
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.21	16.16	0.0413

78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	19.42	15.37	0.0344
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	19.6	15.55	0.0359
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	18.11	14.06	0.0255
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	17.42	13.37	0.0217
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	17.75	13.7	0.0234
78	30	70	649000	3735	CP-OFDM QPSK	95@47	21.12	17.07	0.0509
78	30	70	649000	3735	CP-OFDM QPSK	1@1	20.48	16.43	0.0440
78	30	70	649000	3735	CP-OFDM QPSK	1@187	20.66	16.61	0.0458
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	22.77	18.72	0.0745
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.85	17.8	0.0603
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	22.21	18.16	0.0655
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	22.76	18.71	0.0743
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	21.81	17.76	0.0597
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	22.36	18.31	0.0678
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	21.8	17.75	0.0596
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.78	16.73	0.0471
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.11	17.06	0.0508
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	20.17	16.12	0.0409
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.15	15.1	0.0324
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	19.45	15.4	0.0347
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	18.15	14.1	0.0257
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.37	13.32	0.0215
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	17.8	13.75	0.0237
78	30	70	650000	3750	CP-OFDM QPSK	95@47	21.35	17.3	0.0537

78	30	70	650000	3750	CP-OFDM QPSK	1@1	20.33	16.28	0.0425
78	30	70	650000	3750	CP-OFDM QPSK	1@187	20.68	16.63	0.0460
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	22.84	18.79	0.0757
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	21.69	17.64	0.0581
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	22.36	18.31	0.0678
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	22.77	18.72	0.0745
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	21.54	17.49	0.0561
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	22.2	18.15	0.0653
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	21.7	17.65	0.0582
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	20.72	16.67	0.0465
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.31	17.26	0.0532
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	20.34	16.29	0.0426
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	18.96	14.91	0.0310
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	19.54	15.49	0.0354
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	18.06	14.01	0.0252
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	17.01	12.96	0.0198
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	17.74	13.69	0.0234
78	30	70	651000	3765	CP-OFDM QPSK	95@47	21.12	17.07	0.0509
78	30	70	651000	3765	CP-OFDM QPSK	1@1	20.19	16.14	0.0411
78	30	70	651000	3765	CP-OFDM QPSK	1@187	20.88	16.83	0.0482
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	108@54	21.84	17.79	0.0601
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@1	21.72	17.67	0.0585
78	30	80	649333	3739.99	DFT-s-OFDM PI/2 BPSK	1@215	22.05	18	0.0631
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	108@54	22.5	18.45	0.0700
78	30	80	649333	3739.99	DFT-s-OFDM	1@1	21.7	17.65	0.0582

					QPSK				
78	30	80	649333	3739.99	DFT-s-OFDM QPSK	1@215	22.01	17.96	0.0625
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	108@54	21.46	17.41	0.0551
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@1	20.7	16.65	0.0462
78	30	80	649333	3739.99	DFT-s-OFDM 16 QAM	1@215	21.02	16.97	0.0498
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	108@54	19.91	15.86	0.0385
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@1	19.12	15.07	0.0321
78	30	80	649333	3739.99	DFT-s-OFDM 64 QAM	1@215	19.3	15.25	0.0335
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	108@54	17.91	13.86	0.0243
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@1	17.12	13.07	0.0203
78	30	80	649333	3739.99	DFT-s-OFDM 256 QAM	1@215	17.55	13.5	0.0224
78	30	80	649333	3739.99	CP-OFDM QPSK	109@54	20.92	16.87	0.0486
78	30	80	649333	3739.99	CP-OFDM QPSK	1@1	20.18	16.13	0.0410
78	30	80	649333	3739.99	CP-OFDM QPSK	1@215	20.56	16.51	0.0448
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	22.47	18.42	0.0695
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.55	17.5	0.0562
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	22.01	17.96	0.0625
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	22.56	18.51	0.0710
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	21.61	17.56	0.0570
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	22.06	18.01	0.0632
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	21.5	17.45	0.0556
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.58	16.53	0.0450
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	21.01	16.96	0.0497
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	19.97	15.92	0.0391

78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.85	14.8	0.0302
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	19.35	15.3	0.0339
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	17.95	13.9	0.0245
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.27	13.22	0.0210
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	17.6	13.55	0.0226
78	30	80	650000	3750	CP-OFDM QPSK	109@54	21.05	17	0.0501
78	30	80	650000	3750	CP-OFDM QPSK	1@1	20.13	16.08	0.0406
78	30	80	650000	3750	CP-OFDM QPSK	1@215	20.58	16.53	0.0450
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	22.64	18.59	0.0723
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	21.49	17.44	0.0555
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	22.06	18.01	0.0632
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	22.57	18.52	0.0711
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	21.44	17.39	0.0548
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	22	17.95	0.0624
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	21.6	17.55	0.0569
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	20.52	16.47	0.0444
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	21.11	17.06	0.0508
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	20.04	15.99	0.0397
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	18.66	14.61	0.0289
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	19.34	15.29	0.0338
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	17.96	13.91	0.0246
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	16.91	12.86	0.0193
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	17.54	13.49	0.0223
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	21.02	16.97	0.0498

78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	20.09	16.04	0.0402
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	20.58	16.53	0.0450
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	120@60	21.89	17.84	0.0608
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@1	21.54	17.49	0.0561
78	30	90	649667	3745.01	DFT-s-OFDM PI/2 BPSK	1@243	21.82	17.77	0.0598
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	120@60	22.45	18.4	0.0692
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@1	21.7	17.65	0.0582
78	30	90	649667	3745.01	DFT-s-OFDM QPSK	1@243	21.88	17.83	0.0607
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	120@60	21.42	17.37	0.0546
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@1	20.46	16.41	0.0438
78	30	90	649667	3745.01	DFT-s-OFDM 16 QAM	1@243	20.84	16.79	0.0478
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	120@60	19.94	15.89	0.0388
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@1	18.74	14.69	0.0294
78	30	90	649667	3745.01	DFT-s-OFDM 64 QAM	1@243	19.12	15.07	0.0321
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	120@60	17.84	13.79	0.0239
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@1	16.88	12.83	0.0192
78	30	90	649667	3745.01	DFT-s-OFDM 256 QAM	1@243	17.26	13.21	0.0209
78	30	90	649667	3745.01	CP-OFDM QPSK	123@61	21.01	16.96	0.0497
78	30	90	649667	3745.01	CP-OFDM QPSK	1@1	20.08	16.03	0.0401
78	30	90	649667	3745.01	CP-OFDM QPSK	1@243	20.49	16.44	0.0441
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	22.37	18.32	0.0679
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.43	17.38	0.0547
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	21.81	17.76	0.0597
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	22.48	18.43	0.0697
78	30	90	650000	3750	DFT-s-OFDM	1@1	21.4	17.35	0.0543

					QPSK				
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	21.85	17.8	0.0603
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	21.45	17.4	0.0550
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.5	16.45	0.0442
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	20.9	16.85	0.0484
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	19.88	15.83	0.0383
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.86	14.81	0.0303
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	19.11	15.06	0.0321
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	17.87	13.82	0.0241
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.89	12.84	0.0192
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	17.35	13.3	0.0214
78	30	90	650000	3750	CP-OFDM QPSK	123@61	20.88	16.83	0.0482
78	30	90	650000	3750	CP-OFDM QPSK	1@1	19.91	15.86	0.0385
78	30	90	650000	3750	CP-OFDM QPSK	1@243	20.48	16.43	0.0440
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	22.47	18.42	0.0695
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	21.21	17.16	0.0520
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	21.8	17.75	0.0596
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	22.45	18.4	0.0692
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	21.43	17.38	0.0547
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	21.68	17.63	0.0579
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	21.47	17.42	0.0552
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	20.52	16.47	0.0444
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	20.9	16.85	0.0484
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	19.93	15.88	0.0387

78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	18.64	14.59	0.0288
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	19.07	15.02	0.0318
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	17.84	13.79	0.0239
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	16.81	12.76	0.0189
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	17.36	13.31	0.0214
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	20.87	16.82	0.0481
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	19.9	15.85	0.0385
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	20.46	16.41	0.0438
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	21.77	17.72	0.0592
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.29	17.24	0.0530
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.74	17.69	0.0587
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.49	18.44	0.0698
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.25	17.2	0.0525
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.69	17.64	0.0581
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.35	17.3	0.0537
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.39	16.34	0.0431
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.83	16.78	0.0476
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.91	15.86	0.0385
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.44	14.39	0.0275
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.03	14.98	0.0315
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.76	13.71	0.0235
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.79	12.74	0.0188
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.58	13.53	0.0225
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.93	16.88	0.0488

78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.79	15.74	0.0375
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.16	16.11	0.0408
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.45	18.4	0.0692
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.2	17.15	0.0519
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.99	17.94	0.0622
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.54	18.49	0.0706
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	21.52	17.47	0.0558
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.87	17.82	0.0605
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.41	17.36	0.0545
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.18	16.13	0.0410
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.83	16.78	0.0476
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.89	15.84	0.0384
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.51	14.46	0.0279
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.24	15.19	0.0330
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.02	13.97	0.0249
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.78	12.73	0.0187
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.07	13.02	0.0200
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.77	16.72	0.0470
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.85	15.8	0.0380
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.18	16.13	0.0410
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.46	18.41	0.0693
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	21.28	17.23	0.0528
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	21.71	17.66	0.0583
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.35	18.3	0.0676
78	30	100	650000	3750	DFT-s-OFDM	1@1	21.44	17.39	0.0548

					QPSK				
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	21.69	17.64	0.0581
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.41	17.36	0.0545
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	20.4	16.35	0.0432
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	20.59	16.54	0.0451
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.95	15.9	0.0389
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	18.66	14.61	0.0289
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.04	14.99	0.0316
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.85	13.8	0.0240
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	16.79	12.74	0.0188
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.13	13.08	0.0203
78	30	100	650000	3750	CP-OFDM QPSK	137@68	20.54	16.49	0.0446
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.75	15.7	0.0372
78	30	100	650000	3750	CP-OFDM QPSK	1@271	20.36	16.31	0.0428

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

For Sample 1(ANT.5-1st) :

EN-DC_5A_n7A								
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	5052	-42.33	-25	-17.33	-52.54	3.03	13.24	H
	7580	-61.63	-25	-36.63	-71.08	3.56	13.01	H
	10100	-52.12	-25	-27.12	-61.64	3.92	13.44	H
	12630	-53.98	-25	-28.98	-63.02	4.39	13.43	H
	15160	-56.44	-25	-31.44	-65.13	4.83	13.53	H
	17680	-50.16	-25	-25.16	-58.51	5.28	13.63	H
	5052	-51.24	-25	-26.24	-61.45	3.03	13.24	V
	7580	-61.56	-25	-36.56	-71.01	3.56	13.01	V
	10100	-57.46	-25	-32.46	-66.98	3.92	13.44	V
	12630	-55.27	-25	-30.27	-64.31	4.39	13.43	V
	15160	-56.63	-25	-31.63	-65.32	4.83	13.53	V
	17680	-51.35	-25	-26.35	-59.70	5.28	13.63	V

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

EN-DC_66A_n7A								
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	5052	-42.55	-25	-17.55	-52.76	3.03	13.24	H
	7576	-57.70	-25	-32.70	-67.15	3.56	13.01	H
	10100	-52.28	-25	-27.28	-61.80	3.92	13.44	H
	12630	-52.68	-25	-27.68	-61.72	4.39	13.43	H
	15150	-56.39	-25	-31.39	-65.08	4.83	13.53	H
	17680	-49.52	-25	-24.52	-57.87	5.28	13.63	H
	5052	-52.16	-25	-27.16	-62.37	3.03	13.24	V
	7576	-58.67	-25	-33.67	-68.12	3.56	13.01	V
	10100	-57.55	-25	-32.55	-67.07	3.92	13.44	V
	12630	-56.55	-25	-31.55	-65.59	4.39	13.43	V
	15150	-56.31	-25	-31.31	-65.00	4.83	13.53	V
	17680	-51.71	-25	-26.71	-60.06	5.28	13.63	V

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

EN-DC_7A_n5A								
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	1680	-62.91	-13	-49.91	-69.88	1.58	10.70	H
	2518	-56.73	-13	-43.73	-64.98	2.102	12.50	H
	3360	-57.55	-13	-44.55	-66.44	2.856	13.90	H
	1680	-61.99	-13	-48.99	-68.96	1.58	10.70	V
	2518	-55.28	-13	-42.28	-63.53	2.10	12.50	V
	3360	-57.73	-13	-44.73	-66.62	2.86	13.90	V

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

EN-DC_7A_n66A								
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	3471	-57.19	-13	-44.19	-67.93	2.604	13.34	H
	5208	-54.55	-13	-41.55	-65.06	3.011	13.52	H
	6948	-54.10	-13	-41.10	-64.30	3.271	13.47	H
	3471	-57.27	-13	-44.27	-68.01	2.604	13.34	V
	5208	-54.22	-13	-41.22	-64.73	3.011	13.52	V
	6948	-54.08	-13	-41.08	-64.28	3.271	13.47	V

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

EN-DC_41A_n77A								
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	7590	-61.36	-13	-48.36	-71.84	2.76	13.24	H
	11388	-57.71	-13	-44.71	-67.30	3.42	13.01	H
	15180	-56.93	-13	-43.93	-66.54	3.83	13.44	H
	7590	-61.09	-13	-48.09	-71.53	2.80	13.24	V
	11388	-58.01	-13	-45.01	-67.56	3.46	13.01	V
	15180	-56.25	-13	-43.25	-65.81	3.88	13.44	V

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

For Sample 1(ANT.5-2nd) :

EN-DC_41A_n77A								
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	-56.87	-13	-43.87	-67.35	2.76	13.24	H
	11388	-58.43	-13	-45.43	-68.02	3.42	13.01	H
	15180	-57.50	-13	-44.50	-67.11	3.83	13.44	H
	7584	-58.00	-13	-45.00	-68.44	2.80	13.24	V
	11388	-58.25	-13	-45.25	-67.80	3.46	13.01	V
	15180	-57.60	-13	-44.60	-67.16	3.88	13.44	V

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