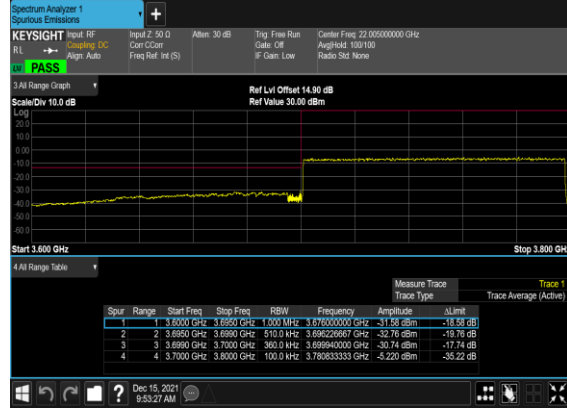


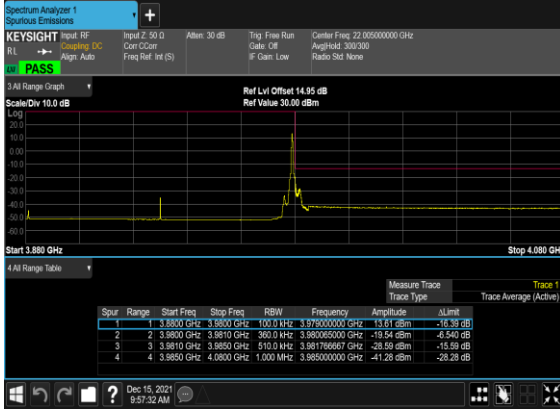
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



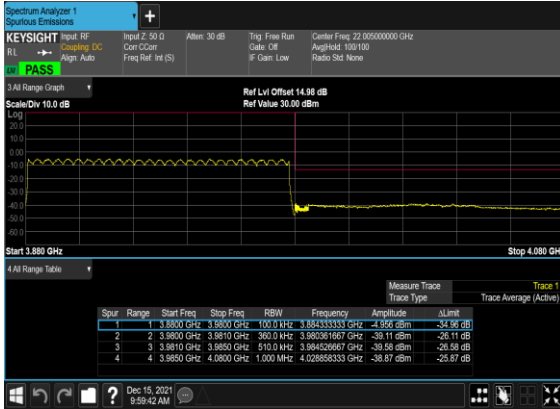
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



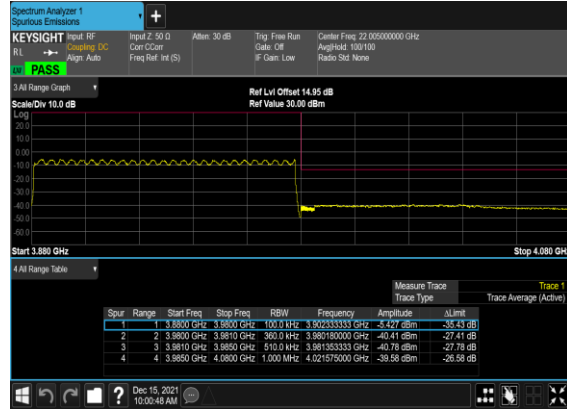
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N78

Transmitter Conducted Output Power And ERP/EIRP, ($G_T - L_C$) = 2.76dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	19.97	19.74	22.87	25.63	0.3653
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	19.9	19.77	22.85	25.61	0.3636
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	19.88	19.71	22.81	25.57	0.3603
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	19.9	19.75	22.84	25.60	0.3627
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	19.85	19.77	22.82	25.58	0.3615
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	19.88	19.68	22.79	25.55	0.3590
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	18.99	18.71	21.86	24.62	0.2899
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	18.83	18.71	21.78	24.54	0.2845
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	18.8	18.62	21.72	24.48	0.2806
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	17.41	17.18	20.31	23.07	0.2026
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	17.46	17.34	20.41	23.17	0.2075
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	17.49	17.22	20.37	23.13	0.2055
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	15.47	15.19	18.34	21.10	0.1289
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	15.29	15.18	18.25	21.01	0.1261
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	15.34	15.16	18.26	21.02	0.1265
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	18.78	17.98	21.41	24.11	0.2576
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	18.76	17.89	21.36	24.06	0.2545
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	18.77	17.83	21.34	24.04	0.2533
78	30	20	647334	3710.01	CP-OFDM 16 QAM	25@12	18.34	17.38	20.90	23.60	0.2289
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	18.11	17.23	20.70	23.40	0.2189

78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@49	18.11	17.21	20.69	23.39	0.2185
78	30	20	647334	3710.01	CP-OFDM 64 QAM	25@12	16.7	15.94	19.35	22.05	0.1602
78	30	20	647334	3710.01	CP-OFDM 64 QAM	1@1	16.84	15.55	19.25	21.95	0.1568
78	30	20	647334	3710.01	CP-OFDM 64 QAM	1@49	16.83	15.55	19.25	21.95	0.1566
78	30	20	647334	3710.01	CP-OFDM 256 QAM	25@12	13.85	12.86	16.39	19.09	0.0812
78	30	20	647334	3710.01	CP-OFDM 256 QAM	1@1	13.8	12.93	16.40	19.10	0.0812
78	30	20	647334	3710.01	CP-OFDM 256 QAM	1@49	13.86	12.84	16.39	19.09	0.0811
78	30	20	650000	3750	DFT-s- OFDM PI/2 BPSK	25@12	19.98	19.52	22.77	25.53	0.3570
78	30	20	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	20.06	19.46	22.78	25.54	0.3582
78	30	20	650000	3750	DFT-s- OFDM PI/2 BPSK	1@49	19.96	19.46	22.73	25.49	0.3538
78	30	20	650000	3750	DFT-s- OFDM QPSK	25@12	20.04	19.53	22.80	25.56	0.3600
78	30	20	650000	3750	DFT-s- OFDM QPSK	1@1	19.85	19.49	22.68	25.44	0.3503
78	30	20	650000	3750	DFT-s- OFDM QPSK	1@49	20.02	19.5	22.78	25.54	0.3579
78	30	20	650000	3750	DFT-s- OFDM 16 QAM	25@12	19.05	18.54	21.81	24.57	0.2866
78	30	20	650000	3750	DFT-s- OFDM 16 QAM	1@1	18.75	18.25	21.52	24.28	0.2678
78	30	20	650000	3750	DFT-s- OFDM 16 QAM	1@49	18.81	18.27	21.56	24.32	0.2703
78	30	20	650000	3750	DFT-s- OFDM 64 QAM	25@12	17.53	17	20.28	23.04	0.2015
78	30	20	650000	3750	DFT-s- OFDM 64 QAM	1@1	17.37	16.81	20.11	22.87	0.1936
78	30	20	650000	3750	DFT-s- OFDM 64 QAM	1@49	17.37	16.8	20.10	22.86	0.1934
78	30	20	650000	3750	DFT-s- OFDM 256 QAM	25@12	15.46	15.04	18.27	21.03	0.1266
78	30	20	650000	3750	DFT-s- OFDM 256 QAM	1@1	15.36	14.97	18.18	20.94	0.1242
78	30	20	650000	3750	DFT-s- OFDM 256 QAM	1@49	15.39	14.93	18.18	20.94	0.1241
78	30	20	650000	3750	CP-OFDM QPSK	25@12	18.78	17.86	21.35	24.05	0.2544
78	30	20	650000	3750	CP-OFDM QPSK	1@1	18.73	17.87	21.33	24.03	0.2530
78	30	20	650000	3750	CP-OFDM QPSK	1@49	18.79	17.82	21.34	24.04	0.2536
78	30	20	650000	3750	CP-OFDM 16 QAM	25@12	18.37	17.34	20.90	23.60	0.2289

78	30	20	650000	3750	CP-OFDM 16 QAM	1@1	18.2	17.1	20.70	23.40	0.2185
78	30	20	650000	3750	CP-OFDM 16 QAM	1@49	18.19	17.11	20.69	23.39	0.2185
78	30	20	650000	3750	CP-OFDM 64 QAM	25@12	16.81	15.84	19.36	22.06	0.1608
78	30	20	650000	3750	CP-OFDM 64 QAM	1@1	16.82	15.58	19.25	21.95	0.1568
78	30	20	650000	3750	CP-OFDM 64 QAM	1@49	16.9	15.55	19.29	21.99	0.1580
78	30	20	650000	3750	CP-OFDM 256 QAM	25@12	13.99	12.84	16.46	19.16	0.0825
78	30	20	650000	3750	CP-OFDM 256 QAM	1@1	13.93	12.88	16.45	19.15	0.0822
78	30	20	650000	3750	CP-OFDM 256 QAM	1@49	13.92	12.9	16.45	19.15	0.0822
78	30	20	652666	3789.99	DFT-s- OFDM PI/2 BPSK	25@12	19.94	19.27	22.63	25.39	0.3458
78	30	20	652666	3789.99	DFT-s- OFDM PI/2 BPSK	1@1	19.93	19.43	22.70	25.46	0.3514
78	30	20	652666	3789.99	DFT-s- OFDM PI/2 BPSK	1@49	19.92	19.21	22.59	25.35	0.3428
78	30	20	652666	3789.99	DFT-s- OFDM QPSK	25@12	19.93	19.31	22.64	25.40	0.3468
78	30	20	652666	3789.99	DFT-s- OFDM QPSK	1@1	19.73	19.35	22.55	25.31	0.3400
78	30	20	652666	3789.99	DFT-s- OFDM QPSK	1@49	19.92	19.18	22.58	25.34	0.3417
78	30	20	652666	3789.99	DFT-s- OFDM 16 QAM	25@12	18.99	18.32	21.68	24.44	0.2779
78	30	20	652666	3789.99	DFT-s- OFDM 16 QAM	1@1	18.67	18.18	21.44	24.20	0.2632
78	30	20	652666	3789.99	DFT-s- OFDM 16 QAM	1@49	18.73	18.04	21.41	24.17	0.2612
78	30	20	652666	3789.99	DFT-s- OFDM 64 QAM	25@12	17.44	16.75	20.12	22.88	0.1940
78	30	20	652666	3789.99	DFT-s- OFDM 64 QAM	1@1	17.38	16.85	20.13	22.89	0.1947
78	30	20	652666	3789.99	DFT-s- OFDM 64 QAM	1@49	17.44	16.69	20.09	22.85	0.1928
78	30	20	652666	3789.99	DFT-s- OFDM 256 QAM	25@12	15.42	14.79	18.13	20.89	0.1227
78	30	20	652666	3789.99	DFT-s- OFDM 256 QAM	1@1	15.31	14.81	18.08	20.84	0.1213
78	30	20	652666	3789.99	DFT-s- OFDM 256 QAM	1@49	15.31	14.69	18.02	20.78	0.1197
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	18.86	17.86	21.40	24.10	0.2570
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	18.81	17.8	21.34	24.04	0.2538
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	18.76	17.79	21.31	24.01	0.2519

78	30	20	652666	3789.99	CP-OFDM 16 QAM	25@12	18.46	17.39	20.97	23.67	0.2327
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@1	18.32	17.06	20.75	23.45	0.2211
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@49	18.23	17.04	20.69	23.39	0.2181
78	30	20	652666	3789.99	CP-OFDM 64 QAM	25@12	16.84	15.86	19.39	22.09	0.1617
78	30	20	652666	3789.99	CP-OFDM 64 QAM	1@1	16.89	15.52	19.27	21.97	0.1574
78	30	20	652666	3789.99	CP-OFDM 64 QAM	1@49	16.89	15.5	19.26	21.96	0.1571
78	30	20	652666	3789.99	CP-OFDM 256 QAM	25@12	14.06	12.84	16.50	19.20	0.0832
78	30	20	652666	3789.99	CP-OFDM 256 QAM	1@1	13.99	12.92	16.50	19.20	0.0831
78	30	20	652666	3789.99	CP-OFDM 256 QAM	1@49	14.05	12.56	16.38	19.08	0.0809
78	30	30	647668	3715.02	DFT-s- OFDM PI/2 BPSK	36@18	19.97	19.66	22.83	25.59	0.3621
78	30	30	647668	3715.02	DFT-s- OFDM PI/2 BPSK	1@1	19.97	19.74	22.87	25.63	0.3653
78	30	30	647668	3715.02	DFT-s- OFDM PI/2 BPSK	1@76	19.88	19.53	22.72	25.48	0.3531
78	30	30	647668	3715.02	DFT-s- OFDM QPSK	36@18	19.92	19.66	22.80	25.56	0.3599
78	30	30	647668	3715.02	DFT-s- OFDM QPSK	1@1	19.94	19.77	22.87	25.63	0.3653
78	30	30	647668	3715.02	DFT-s- OFDM QPSK	1@76	19.86	19.55	22.72	25.48	0.3530
78	30	30	647668	3715.02	DFT-s- OFDM 16 QAM	36@18	18.91	18.71	21.82	24.58	0.2872
78	30	30	647668	3715.02	DFT-s- OFDM 16 QAM	1@1	18.9	18.69	21.81	24.57	0.2862
78	30	30	647668	3715.02	DFT-s- OFDM 16 QAM	1@76	18.83	18.51	21.68	24.44	0.2782
78	30	30	647668	3715.02	DFT-s- OFDM 64 QAM	36@18	17.43	17.25	20.35	23.11	0.2047
78	30	30	647668	3715.02	DFT-s- OFDM 64 QAM	1@1	17.51	17.29	20.41	23.17	0.2076
78	30	30	647668	3715.02	DFT-s- OFDM 64 QAM	1@76	17.41	17.07	20.25	23.01	0.2002
78	30	30	647668	3715.02	DFT-s- OFDM 256 QAM	36@18	15.41	15.09	18.26	21.02	0.1266
78	30	30	647668	3715.02	DFT-s- OFDM 256 QAM	1@1	15.48	15.22	18.36	21.12	0.1295
78	30	30	647668	3715.02	DFT-s- OFDM 256 QAM	1@76	15.3	14.99	18.16	20.92	0.1235
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	18.85	12.69	19.79	22.49	0.1775
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	18.89	18.05	21.50	24.20	0.2631

78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	18.7	17.87	21.32	24.02	0.2521
78	30	30	647668	3715.02	CP-OFDM 16 QAM	39@19	18.32	17.44	20.91	23.61	0.2297
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	18.34	17.34	20.88	23.58	0.2280
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@76	18.15	17.15	20.69	23.39	0.2182
78	30	30	647668	3715.02	CP-OFDM 64 QAM	39@19	16.76	15.91	19.37	22.07	0.1609
78	30	30	647668	3715.02	CP-OFDM 64 QAM	1@1	16.99	15.77	19.43	22.13	0.1634
78	30	30	647668	3715.02	CP-OFDM 64 QAM	1@76	16.8	15.64	19.27	21.97	0.1574
78	30	30	647668	3715.02	CP-OFDM 256 QAM	39@19	13.96	12.92	16.48	19.18	0.0828
78	30	30	647668	3715.02	CP-OFDM 256 QAM	1@1	13.91	12.07	16.10	18.80	0.0758
78	30	30	647668	3715.02	CP-OFDM 256 QAM	1@76	13.96	12.59	16.34	19.04	0.0802
78	30	30	650000	3750	DFT-s- OFDM PI/2 BPSK	36@18	19.97	19.44	22.72	25.48	0.3535
78	30	30	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	19.96	19.48	22.74	25.50	0.3546
78	30	30	650000	3750	DFT-s- OFDM PI/2 BPSK	1@76	19.98	19.53	22.77	25.53	0.3574
78	30	30	650000	3750	DFT-s- OFDM QPSK	36@18	20.03	19.53	22.80	25.56	0.3595
78	30	30	650000	3750	DFT-s- OFDM QPSK	1@1	19.97	19.52	22.76	25.52	0.3565
78	30	30	650000	3750	DFT-s- OFDM QPSK	1@76	19.95	19.43	22.71	25.47	0.3522
78	30	30	650000	3750	DFT-s- OFDM 16 QAM	36@18	18.98	18.45	21.73	24.49	0.2814
78	30	30	650000	3750	DFT-s- OFDM 16 QAM	1@1	19.05	18.5	21.79	24.55	0.2854
78	30	30	650000	3750	DFT-s- OFDM 16 QAM	1@76	18.77	18.45	21.62	24.38	0.2744
78	30	30	650000	3750	DFT-s- OFDM 64 QAM	36@18	17.47	17.01	20.26	23.02	0.2003
78	30	30	650000	3750	DFT-s- OFDM 64 QAM	1@1	17.53	17.02	20.29	23.05	0.2020
78	30	30	650000	3750	DFT-s- OFDM 64 QAM	1@76	17.42	16.98	20.22	22.98	0.1984
78	30	30	650000	3750	DFT-s- OFDM 256 QAM	36@18	15.45	14.9	18.19	20.95	0.1246
78	30	30	650000	3750	DFT-s- OFDM 256 QAM	1@1	15.5	15.01	18.27	21.03	0.1268
78	30	30	650000	3750	DFT-s- OFDM 256 QAM	1@76	15.3	14.96	18.14	20.90	0.1231
78	30	30	650000	3750	CP-OFDM QPSK	39@19	18.87	17.79	21.37	24.07	0.2555

78	30	30	650000	3750	CP-OFDM QPSK	1@1	18.83	17.93	21.41	24.11	0.2578
78	30	30	650000	3750	CP-OFDM QPSK	1@76	18.84	17.91	21.41	24.11	0.2576
78	30	30	650000	3750	CP-OFDM 16 QAM	39@19	18.39	17.32	20.90	23.60	0.2290
78	30	30	650000	3750	CP-OFDM 16 QAM	1@1	18.36	17.22	20.84	23.54	0.2258
78	30	30	650000	3750	CP-OFDM 16 QAM	1@76	18.27	17.21	20.78	23.48	0.2230
78	30	30	650000	3750	CP-OFDM 64 QAM	39@19	16.82	15.79	19.35	22.05	0.1602
78	30	30	650000	3750	CP-OFDM 64 QAM	1@1	16.88	15.64	19.31	22.01	0.1590
78	30	30	650000	3750	CP-OFDM 64 QAM	1@76	16.96	15.63	19.36	22.06	0.1605
78	30	30	650000	3750	CP-OFDM 256 QAM	39@19	14.02	12.8	16.46	19.16	0.0825
78	30	30	650000	3750	CP-OFDM 256 QAM	1@1	13.97	12.32	16.23	18.93	0.0782
78	30	30	650000	3750	CP-OFDM 256 QAM	1@76	13.95	13.03	16.52	19.22	0.0836
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	36@18	19.92	19.29	22.63	25.39	0.3457
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	1@1	19.88	19.39	22.65	25.41	0.3477
78	30	30	652332	3784.98	DFT-s- OFDM PI/2 BPSK	1@76	19.92	19.14	22.56	25.32	0.3402
78	30	30	652332	3784.98	DFT-s- OFDM QPSK	36@18	19.87	19.34	22.62	25.38	0.3454
78	30	30	652332	3784.98	DFT-s- OFDM QPSK	1@1	19.92	19.37	22.66	25.42	0.3487
78	30	30	652332	3784.98	DFT-s- OFDM QPSK	1@76	20	19.09	22.58	25.34	0.3419
78	30	30	652332	3784.98	DFT-s- OFDM 16 QAM	36@18	18.92	18.22	21.59	24.35	0.2725
78	30	30	652332	3784.98	DFT-s- OFDM 16 QAM	1@1	18.93	18.21	21.60	24.36	0.2726
78	30	30	652332	3784.98	DFT-s- OFDM 16 QAM	1@76	18.76	18.04	21.43	24.19	0.2621
78	30	30	652332	3784.98	DFT-s- OFDM 64 QAM	36@18	17.37	16.74	20.08	22.84	0.1922
78	30	30	652332	3784.98	DFT-s- OFDM 64 QAM	1@1	17.43	16.82	20.15	22.91	0.1953
78	30	30	652332	3784.98	DFT-s- OFDM 64 QAM	1@76	17.31	16.55	19.96	22.72	0.1869
78	30	30	652332	3784.98	DFT-s- OFDM 256 QAM	36@18	15.23	14.63	17.95	20.71	0.1178
78	30	30	652332	3784.98	DFT-s- OFDM 256 QAM	1@1	15.36	14.69	18.05	20.81	0.1205
78	30	30	652332	3784.98	DFT-s- OFDM 256 QAM	1@76	15.25	14.44	17.87	20.63	0.1157

78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	18.94	17.81	21.42	24.12	0.2583
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	18.92	17.81	21.41	24.11	0.2577
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	18.75	17.89	21.35	24.05	0.2542
78	30	30	652332	3784.98	CP-OFDM 16 QAM	39@19	18.34	17.31	20.87	23.57	0.2273
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@1	18.35	17.1	20.78	23.48	0.2228
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@76	18.39	17.4	20.93	23.63	0.2309
78	30	30	652332	3784.98	CP-OFDM 64 QAM	39@19	16.84	15.8	19.36	22.06	0.1607
78	30	30	652332	3784.98	CP-OFDM 64 QAM	1@1	16.87	15.5	19.25	21.95	0.1566
78	30	30	652332	3784.98	CP-OFDM 64 QAM	1@76	16.88	15.62	19.31	22.01	0.1587
78	30	30	652332	3784.98	CP-OFDM 256 QAM	39@19	14.02	12.87	16.49	19.19	0.0830
78	30	30	652332	3784.98	CP-OFDM 256 QAM	1@1	12.46	12.94	15.72	18.42	0.0695
78	30	30	652332	3784.98	CP-OFDM 256 QAM	1@76	14.01	12.53	16.34	19.04	0.0802
78	30	40	648000	3720	DFT-s- OFDM PI/2 BPSK	50@25	19.92	19.56	22.75	25.51	0.3560
78	30	40	648000	3720	DFT-s- OFDM PI/2 BPSK	1@1	19.91	19.71	22.82	25.58	0.3615
78	30	40	648000	3720	DFT-s- OFDM PI/2 BPSK	1@104	19.96	19.43	22.71	25.47	0.3526
78	30	40	648000	3720	DFT-s- OFDM QPSK	50@25	19.87	19.58	22.74	25.50	0.3546
78	30	40	648000	3720	DFT-s- OFDM QPSK	1@1	19.92	19.75	22.85	25.61	0.3636
78	30	40	648000	3720	DFT-s- OFDM QPSK	1@104	19.87	19.42	22.66	25.42	0.3484
78	30	40	648000	3720	DFT-s- OFDM 16 QAM	50@25	18.85	18.53	21.70	24.46	0.2795
78	30	40	648000	3720	DFT-s- OFDM 16 QAM	1@1	18.76	18.58	21.68	24.44	0.2781
78	30	40	648000	3720	DFT-s- OFDM 16 QAM	1@104	18.78	18.25	21.53	24.29	0.2687
78	30	40	648000	3720	DFT-s- OFDM 64 QAM	50@25	17.37	17.03	20.21	22.97	0.1983
78	30	40	648000	3720	DFT-s- OFDM 64 QAM	1@1	17.43	17.19	20.32	23.08	0.2033
78	30	40	648000	3720	DFT-s- OFDM 64 QAM	1@104	17.4	16.91	20.17	22.93	0.1964
78	30	40	648000	3720	DFT-s- OFDM 256 QAM	50@25	15.32	14.98	18.16	20.92	0.1237
78	30	40	648000	3720	DFT-s- OFDM 256 QAM	1@1	15.35	15.17	18.27	21.03	0.1268

78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	15.29	14.88	18.10	20.86	0.1219
78	30	40	648000	3720	CP-OFDM QPSK	53@26	18.86	17.89	21.41	24.11	0.2578
78	30	40	648000	3720	CP-OFDM QPSK	1@1	19.06	18.15	21.64	24.34	0.2716
78	30	40	648000	3720	CP-OFDM QPSK	1@104	18.94	17.93	21.47	24.17	0.2615
78	30	40	648000	3720	CP-OFDM 16 QAM	53@26	18.4	17.55	21.01	23.71	0.2348
78	30	40	648000	3720	CP-OFDM 16 QAM	1@1	18.63	17.53	21.13	23.83	0.2413
78	30	40	648000	3720	CP-OFDM 16 QAM	1@104	18.54	17.38	21.01	23.71	0.2349
78	30	40	648000	3720	CP-OFDM 64 QAM	53@26	16.81	16.02	19.44	22.14	0.1638
78	30	40	648000	3720	CP-OFDM 64 QAM	1@1	17.02	15.79	19.46	22.16	0.1644
78	30	40	648000	3720	CP-OFDM 64 QAM	1@104	16.97	15.63	19.36	22.06	0.1608
78	30	40	648000	3720	CP-OFDM 256 QAM	53@26	14.05	12.94	16.54	19.24	0.0840
78	30	40	648000	3720	CP-OFDM 256 QAM	1@1	14.08	13.15	16.65	19.35	0.0861
78	30	40	648000	3720	CP-OFDM 256 QAM	1@104	12.45	13.03	15.76	18.46	0.0701
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	19.94	19.4	22.69	25.45	0.3506
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	20.12	19.58	22.87	25.63	0.3655
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	19.93	19.26	22.62	25.38	0.3450
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	19.96	19.37	22.69	25.45	0.3504
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	20.12	19.55	22.85	25.61	0.3643
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	19.88	19.32	22.62	25.38	0.3451
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	18.92	18.37	21.66	24.42	0.2769
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.76	18.34	21.57	24.33	0.2707
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	18.69	18.17	21.45	24.21	0.2635
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	17.43	16.85	20.16	22.92	0.1959
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	17.56	17.05	20.32	23.08	0.2034
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	17.49	16.79	20.16	22.92	0.1961
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	15.44	14.82	18.15	20.91	0.1233

78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	15.39	15.04	18.23	20.99	0.1256
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	15.34	14.84	18.11	20.87	0.1221
78	30	40	650000	3750	CP-OFDM QPSK	53@26	18.89	15.65	20.58	23.28	0.2126
78	30	40	650000	3750	CP-OFDM QPSK	1@1	19.05	17.97	21.55	24.25	0.2663
78	30	40	650000	3750	CP-OFDM QPSK	1@104	19	17.96	21.52	24.22	0.2643
78	30	40	650000	3750	CP-OFDM 16 QAM	53@26	18.49	17.37	20.98	23.68	0.2331
78	30	40	650000	3750	CP-OFDM 16 QAM	1@1	18.62	17.37	21.05	23.75	0.2371
78	30	40	650000	3750	CP-OFDM 16 QAM	1@104	18.67	17.26	21.03	23.73	0.2362
78	30	40	650000	3750	CP-OFDM 64 QAM	53@26	16.93	15.89	19.45	22.15	0.1641
78	30	40	650000	3750	CP-OFDM 64 QAM	1@1	17.01	15.6	19.37	22.07	0.1611
78	30	40	650000	3750	CP-OFDM 64 QAM	1@104	17.1	15.56	19.41	22.11	0.1625
78	30	40	650000	3750	CP-OFDM 256 QAM	53@26	13.99	12.79	16.44	19.14	0.0821
78	30	40	650000	3750	CP-OFDM 256 QAM	1@1	14.14	13.15	16.68	19.38	0.0868
78	30	40	650000	3750	CP-OFDM 256 QAM	1@104	14.97	13.06	17.13	19.83	0.0961
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	20	19.2	22.63	25.39	0.3458
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	20.09	19.37	22.76	25.52	0.3561
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	20.03	19.2	22.65	25.41	0.3471
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	20.05	19.37	22.73	25.49	0.3543
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	20.07	19.41	22.76	25.52	0.3567
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	19.92	19.09	22.54	25.30	0.3385
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	18.89	18.29	21.61	24.37	0.2736
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	19.07	18.31	21.72	24.48	0.2803
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	18.96	18.16	21.59	24.35	0.2722
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	17.32	16.73	20.05	22.81	0.1908
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	17.67	16.97	20.34	23.10	0.2044
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	17.62	16.75	20.22	22.98	0.1985

78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	15.44	14.73	18.11	20.87	0.1222
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	15.48	14.89	18.21	20.97	0.1249
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	15.34	14.67	18.03	20.79	0.1199
78	30	40	652000	3780	CP-OFDM QPSK	53@26	18.88	17.84	21.40	24.10	0.2571
78	30	40	652000	3780	CP-OFDM QPSK	1@1	19.05	17.87	21.51	24.21	0.2636
78	30	40	652000	3780	CP-OFDM QPSK	1@104	18.99	17.93	21.50	24.20	0.2632
78	30	40	652000	3780	CP-OFDM 16 QAM	53@26	18.49	17.34	20.96	23.66	0.2324
78	30	40	652000	3780	CP-OFDM 16 QAM	1@1	18.47	17.23	20.90	23.60	0.2293
78	30	40	652000	3780	CP-OFDM 16 QAM	1@104	18.38	17.24	20.86	23.56	0.2269
78	30	40	652000	3780	CP-OFDM 64 QAM	53@26	16.92	15.85	19.43	22.13	0.1632
78	30	40	652000	3780	CP-OFDM 64 QAM	1@1	17.23	15.59	19.50	22.20	0.1659
78	30	40	652000	3780	CP-OFDM 64 QAM	1@104	17.15	15.66	19.48	22.18	0.1652
78	30	40	652000	3780	CP-OFDM 256 QAM	53@26	14.07	12.86	16.52	19.22	0.0835
78	30	40	652000	3780	CP-OFDM 256 QAM	1@1	13.63	13.03	16.35	19.05	0.0804
78	30	40	652000	3780	CP-OFDM 256 QAM	1@104	13.17	13.13	16.16	18.86	0.0769
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	19.87	19.5	22.70	25.46	0.3515
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	19.78	19.46	22.63	25.39	0.3462
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	19.6	19.14	22.39	25.15	0.3271
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	19.83	19.48	22.67	25.43	0.3490
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	19.77	19.45	22.62	25.38	0.3454
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	19.66	19.21	22.45	25.21	0.3320
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	18.75	18.41	21.59	24.35	0.2725
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	18.67	18.27	21.48	24.24	0.2658
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	18.49	17.95	21.24	24.00	0.2511
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	17.35	16.89	20.14	22.90	0.1948
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	17.33	16.96	20.16	22.92	0.1959

78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	17.14	16.65	19.91	22.67	0.1850
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	15.23	14.93	18.09	20.85	0.1217
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	15.33	15.04	18.20	20.96	0.1247
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	15.04	14.69	17.88	20.64	0.1158
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	18.65	17.84	21.27	23.97	0.2497
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	18.82	17.85	21.37	24.07	0.2554
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	18.68	17.65	21.21	23.91	0.2458
78	30	50	648334	3725.01	CP-OFDM 16 QAM	67@33	18.38	17.37	20.91	23.61	0.2299
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	18.24	17.27	20.79	23.49	0.2235
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@131	18.12	17.02	20.62	23.32	0.2145
78	30	50	648334	3725.01	CP-OFDM 64 QAM	67@33	16.8	15.85	19.36	22.06	0.1607
78	30	50	648334	3725.01	CP-OFDM 64 QAM	1@1	16.9	15.59	19.30	22.00	0.1587
78	30	50	648334	3725.01	CP-OFDM 64 QAM	1@131	16.81	15.47	19.20	21.90	0.1549
78	30	50	648334	3725.01	CP-OFDM 256 QAM	67@33	13.97	12.8	16.43	19.13	0.0819
78	30	50	648334	3725.01	CP-OFDM 256 QAM	1@1	13.7	13.01	16.38	19.08	0.0809
78	30	50	648334	3725.01	CP-OFDM 256 QAM	1@131	13.75	12.68	16.26	18.96	0.0787
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	19.84	19.25	22.57	25.33	0.3408
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	19.82	19.34	22.60	25.36	0.3433
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	19.74	19.08	22.43	25.19	0.3306
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	19.79	19.25	22.54	25.30	0.3387
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	19.71	19.36	22.55	25.31	0.3395
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	19.67	19.03	22.37	25.13	0.3260
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	18.79	18.2	21.52	24.28	0.2676
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.73	18.29	21.53	24.29	0.2683
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	18.65	17.92	21.31	24.07	0.2553
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	17.28	16.75	20.03	22.79	0.1903

78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	17.26	16.95	20.12	22.88	0.1940
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	17.27	16.72	20.01	22.77	0.1894
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	15.2	14.67	17.95	20.71	0.1179
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	15.12	14.83	17.99	20.75	0.1188
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	15.11	14.56	17.85	20.61	0.1152
78	30	50	650000	3750	CP-OFDM QPSK	67@33	18.79	17.72	21.30	24.00	0.2511
78	30	50	650000	3750	CP-OFDM QPSK	1@1	18.83	17.85	21.38	24.08	0.2557
78	30	50	650000	3750	CP-OFDM QPSK	1@131	18.76	17.59	21.22	23.92	0.2469
78	30	50	650000	3750	CP-OFDM 16 QAM	67@33	18.32	17.24	20.82	23.52	0.2251
78	30	50	650000	3750	CP-OFDM 16 QAM	1@1	18.12	17.12	20.66	23.36	0.2167
78	30	50	650000	3750	CP-OFDM 16 QAM	1@131	18.13	16.95	20.59	23.29	0.2133
78	30	50	650000	3750	CP-OFDM 64 QAM	67@33	16.76	15.71	19.28	21.98	0.1577
78	30	50	650000	3750	CP-OFDM 64 QAM	1@1	16.87	15.46	19.23	21.93	0.1560
78	30	50	650000	3750	CP-OFDM 64 QAM	1@131	16.9	15.24	19.16	21.86	0.1534
78	30	50	650000	3750	CP-OFDM 256 QAM	67@33	13.97	12.73	16.40	19.10	0.0814
78	30	50	650000	3750	CP-OFDM 256 QAM	1@1	14.71	12.85	16.89	19.59	0.0910
78	30	50	650000	3750	CP-OFDM 256 QAM	1@131	13.72	12.12	16.00	18.70	0.0742
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	19.81	19.11	22.48	25.24	0.3345
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	19.78	19.23	22.52	25.28	0.3376
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	19.61	18.9	22.28	25.04	0.3191
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	19.82	19.13	22.50	25.26	0.3357
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	19.76	19.16	22.48	25.24	0.3342
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	19.53	18.89	22.23	24.99	0.3157
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	18.88	18.06	21.50	24.26	0.2667
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	18.55	18.03	21.31	24.07	0.2552
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	18.44	17.74	21.11	23.87	0.2440

78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	17.26	16.57	19.94	22.70	0.1862
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	17.24	16.61	19.95	22.71	0.1865
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	17.13	16.41	19.80	22.56	0.1801
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	15.22	14.53	17.90	20.66	0.1164
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	15.07	14.62	17.86	20.62	0.1154
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	15.06	14.4	17.75	20.51	0.1125
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	18.79	17.66	21.27	23.97	0.2496
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	18.78	17.66	21.27	23.97	0.2492
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	18.69	17.74	21.25	23.95	0.2484
78	30	50	651666	3774.99	CP-OFDM 16 QAM	67@33	18.26	17.16	20.76	23.46	0.2216
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@1	18.14	16.93	20.59	23.29	0.2132
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@131	18.01	16.9	20.50	23.20	0.2090
78	30	50	651666	3774.99	CP-OFDM 64 QAM	67@33	16.78	15.72	19.29	21.99	0.1582
78	30	50	651666	3774.99	CP-OFDM 64 QAM	1@1	16.79	15.39	19.16	21.86	0.1533
78	30	50	651666	3774.99	CP-OFDM 64 QAM	1@131	16.61	15.46	19.08	21.78	0.1508
78	30	50	651666	3774.99	CP-OFDM 256 QAM	67@33	13.93	12.62	16.33	19.03	0.0801
78	30	50	651666	3774.99	CP-OFDM 256 QAM	1@1	13.86	12.69	16.32	19.02	0.0799
78	30	50	651666	3774.99	CP-OFDM 256 QAM	1@131	13.51	12.81	16.18	18.88	0.0773
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	19.84	19.44	22.65	25.41	0.3479
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	19.81	19.44	22.64	25.40	0.3467
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	19.81	19.18	22.52	25.28	0.3370
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	19.79	19.44	22.63	25.39	0.3458
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	19.78	19.37	22.59	25.35	0.3428
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	19.8	19.28	22.56	25.32	0.3403
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	18.8	18.39	21.61	24.37	0.2735
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	18.68	18.27	21.49	24.25	0.2661

78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	18.76	18.09	21.45	24.21	0.2635
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	17.32	16.9	20.13	22.89	0.1943
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	17.28	16.98	20.14	22.90	0.1951
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	17.25	16.66	19.98	22.74	0.1877
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	15.36	14.82	18.11	20.87	0.1221
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	15.14	14.81	17.99	20.75	0.1188
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	15.16	14.76	17.97	20.73	0.1184
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	18.88	12.55	19.79	22.49	0.1774
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	18.7	17.82	21.29	23.99	0.2508
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	18.67	17.77	21.25	23.95	0.2485
78	30	60	648668	3730.02	CP-OFDM 16 QAM	81@40	18.34	17.28	20.85	23.55	0.2266
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	18.11	17.06	20.63	23.33	0.2151
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@160	18.14	17.04	20.64	23.34	0.2155
78	30	60	648668	3730.02	CP-OFDM 64 QAM	81@40	16.71	15.76	19.27	21.97	0.1574
78	30	60	648668	3730.02	CP-OFDM 64 QAM	1@1	16.76	15.52	19.19	21.89	0.1547
78	30	60	648668	3730.02	CP-OFDM 64 QAM	1@160	16.78	15.52	19.21	21.91	0.1551
78	30	60	648668	3730.02	CP-OFDM 256 QAM	81@40	14.07	12.79	16.49	19.19	0.0829
78	30	60	648668	3730.02	CP-OFDM 256 QAM	1@1	13.75	12.87	16.34	19.04	0.0802
78	30	60	648668	3730.02	CP-OFDM 256 QAM	1@160	13.89	12.8	16.39	19.09	0.0811
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	19.82	19.29	22.57	25.33	0.3415
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	19.65	19.34	22.51	25.27	0.3364
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	19.67	19.14	22.42	25.18	0.3299
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	19.9	19.39	22.66	25.42	0.3486
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	19.77	19.24	22.52	25.28	0.3375
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	19.66	19.12	22.41	25.17	0.3288
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	18.81	18.28	21.56	24.32	0.2706

78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.57	18.18	21.39	24.15	0.2600
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	18.6	18.1	21.37	24.13	0.2587
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	17.31	16.8	20.07	22.83	0.1920
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	17.34	16.92	20.15	22.91	0.1952
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	17.28	16.65	19.99	22.75	0.1882
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	15.34	14.75	18.07	20.83	0.1209
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	15.21	14.83	18.03	20.79	0.1201
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	15.11	14.73	17.93	20.69	0.1173
78	30	60	650000	3750	CP-OFDM QPSK	81@40	18.77	15.5	20.45	23.15	0.2064
78	30	60	650000	3750	CP-OFDM QPSK	1@1	18.72	17.76	21.28	23.98	0.2498
78	30	60	650000	3750	CP-OFDM QPSK	1@160	18.72	17.76	21.28	23.98	0.2498
78	30	60	650000	3750	CP-OFDM 16 QAM	81@40	18.29	17.25	20.81	23.51	0.2245
78	30	60	650000	3750	CP-OFDM 16 QAM	1@1	18.16	16.98	20.62	23.32	0.2148
78	30	60	650000	3750	CP-OFDM 16 QAM	1@160	18.2	17.05	20.67	23.37	0.2174
78	30	60	650000	3750	CP-OFDM 64 QAM	81@40	16.78	15.75	19.31	22.01	0.1587
78	30	60	650000	3750	CP-OFDM 64 QAM	1@1	16.77	15.5	19.19	21.89	0.1546
78	30	60	650000	3750	CP-OFDM 64 QAM	1@160	16.85	15.54	19.25	21.95	0.1568
78	30	60	650000	3750	CP-OFDM 256 QAM	81@40	14.1	12.73	16.48	19.18	0.0828
78	30	60	650000	3750	CP-OFDM 256 QAM	1@1	13.71	12.78	16.28	18.98	0.0791
78	30	60	650000	3750	CP-OFDM 256 QAM	1@160	13.82	12.78	16.34	19.04	0.0802
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	19.86	19.24	22.57	25.33	0.3413
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	19.61	19.11	22.38	25.14	0.3264
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	19.75	19.15	22.47	25.23	0.3335
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	19.87	19.29	22.60	25.36	0.3436
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	19.66	19.18	22.44	25.20	0.3309
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	19.65	19.14	22.41	25.17	0.3291

78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	18.85	18.28	21.58	24.34	0.2719
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	18.59	18.15	21.39	24.15	0.2598
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	18.65	18.1	21.39	24.15	0.2603
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	17.39	16.73	20.08	22.84	0.1924
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	17.23	16.75	20.01	22.77	0.1891
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	17.25	16.68	19.98	22.74	0.1881
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	15.32	14.8	18.08	20.84	0.1213
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	15.08	14.62	17.87	20.63	0.1155
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	15.15	14.5	17.85	20.61	0.1150
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	18.83	17.77	21.34	24.04	0.2537
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	18.68	17.6	21.18	23.88	0.2446
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	18.67	17.91	21.32	24.02	0.2522
78	30	60	651332	3769.98	CP-OFDM 16 QAM	81@40	18.32	17.17	20.79	23.49	0.2235
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@1	18.05	16.85	20.50	23.20	0.2090
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@160	18.17	17.1	20.68	23.38	0.2177
78	30	60	651332	3769.98	CP-OFDM 64 QAM	81@40	16.83	15.69	19.31	22.01	0.1588
78	30	60	651332	3769.98	CP-OFDM 64 QAM	1@1	16.66	15.37	19.07	21.77	0.1504
78	30	60	651332	3769.98	CP-OFDM 64 QAM	1@160	16.8	15.62	19.26	21.96	0.1570
78	30	60	651332	3769.98	CP-OFDM 256 QAM	81@40	14.03	12.71	16.43	19.13	0.0819
78	30	60	651332	3769.98	CP-OFDM 256 QAM	1@1	13.32	12.62	15.99	18.69	0.0740
78	30	60	651332	3769.98	CP-OFDM 256 QAM	1@160	13.92	12.52	16.29	18.99	0.0792
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	19.63	19.33	22.49	25.25	0.3352
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	19.73	19.38	22.57	25.33	0.3411
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	19.62	19	22.33	25.09	0.3230
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	19.62	19.28	22.46	25.22	0.3329
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	19.69	19.39	22.55	25.31	0.3399

78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	19.54	18.99	22.28	25.04	0.3194
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	18.68	18.31	21.51	24.27	0.2673
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	18.56	18.21	21.40	24.16	0.2605
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	18.34	17.82	21.10	23.86	0.2431
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	17.1	16.76	19.94	22.70	0.1864
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	17.05	16.77	19.92	22.68	0.1855
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	16.91	16.35	19.65	22.41	0.1742
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	15.18	14.69	17.95	20.71	0.1178
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	15.16	14.83	18.01	20.77	0.1194
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	14.91	14.44	17.69	20.45	0.1110
78	30	70	649000	3735	CP-OFDM QPSK	95@47	18.86	17.72	21.34	24.04	0.2534
78	30	70	649000	3735	CP-OFDM QPSK	1@1	18.6	17.79	21.22	23.92	0.2468
78	30	70	649000	3735	CP-OFDM QPSK	1@187	18.55	17.59	21.11	23.81	0.2403
78	30	70	649000	3735	CP-OFDM 16 QAM	95@47	18.25	17.15	20.75	23.45	0.2211
78	30	70	649000	3735	CP-OFDM 16 QAM	1@1	18.08	17.05	20.61	23.31	0.2141
78	30	70	649000	3735	CP-OFDM 16 QAM	1@187	17.97	16.71	20.40	23.10	0.2040
78	30	70	649000	3735	CP-OFDM 64 QAM	95@47	16.77	15.58	19.23	21.93	0.1558
78	30	70	649000	3735	CP-OFDM 64 QAM	1@1	16.78	15.54	19.21	21.91	0.1554
78	30	70	649000	3735	CP-OFDM 64 QAM	1@187	16.57	15.3	18.99	21.69	0.1476
78	30	70	649000	3735	CP-OFDM 256 QAM	95@47	13.88	12.66	16.32	19.02	0.0799
78	30	70	649000	3735	CP-OFDM 256 QAM	1@1	12.97	12.85	15.92	18.62	0.0728
78	30	70	649000	3735	CP-OFDM 256 QAM	1@187	13.66	12.32	16.05	18.75	0.0750
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	19.68	19.14	22.43	25.19	0.3303
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	19.68	19.27	22.49	25.25	0.3350
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	19.45	18.92	22.20	24.96	0.3136
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	19.62	19.19	22.42	25.18	0.3297

78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	19.66	19.31	22.50	25.26	0.3356
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	19.46	18.96	22.23	24.99	0.3153
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	18.69	18.16	21.44	24.20	0.2632
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.57	18.08	21.34	24.10	0.2572
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	18.17	17.69	20.95	23.71	0.2348
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	17.21	16.61	19.93	22.69	0.1858
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	17.04	16.58	19.83	22.59	0.1814
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	16.83	16.28	19.57	22.33	0.1712
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	15.08	14.62	17.87	20.63	0.1155
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	15.11	14.81	17.97	20.73	0.1184
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	14.97	14.47	17.74	20.50	0.1121
78	30	70	650000	3750	CP-OFDM QPSK	95@47	18.6	17.63	21.15	23.85	0.2428
78	30	70	650000	3750	CP-OFDM QPSK	1@1	18.68	17.73	21.24	23.94	0.2478
78	30	70	650000	3750	CP-OFDM QPSK	1@187	18.56	17.63	21.13	23.83	0.2416
78	30	70	650000	3750	CP-OFDM 16 QAM	95@47	18.2	17.16	20.72	23.42	0.2199
78	30	70	650000	3750	CP-OFDM 16 QAM	1@1	18.12	17.01	20.61	23.31	0.2143
78	30	70	650000	3750	CP-OFDM 16 QAM	1@187	17.97	16.87	20.47	23.17	0.2073
78	30	70	650000	3750	CP-OFDM 64 QAM	95@47	16.74	15.59	19.21	21.91	0.1554
78	30	70	650000	3750	CP-OFDM 64 QAM	1@1	16.7	15.48	19.14	21.84	0.1529
78	30	70	650000	3750	CP-OFDM 64 QAM	1@187	16.69	15.28	19.05	21.75	0.1497
78	30	70	650000	3750	CP-OFDM 256 QAM	95@47	13.92	12.61	16.32	19.02	0.0799
78	30	70	650000	3750	CP-OFDM 256 QAM	1@1	13.53	12.67	16.13	18.83	0.0764
78	30	70	650000	3750	CP-OFDM 256 QAM	1@187	13.65	12.66	16.19	18.89	0.0775
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	19.73	19.11	22.44	25.20	0.3312
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	19.64	19.26	22.46	25.22	0.3330
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	19.44	18.86	22.17	24.93	0.3112

78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	19.75	19.06	22.43	25.19	0.3303
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	19.61	19.15	22.40	25.16	0.3278
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	19.52	18.91	22.24	25.00	0.3159
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	18.71	18.09	21.42	24.18	0.2619
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	18.46	17.99	21.24	24.00	0.2513
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	18.22	17.67	20.96	23.72	0.2357
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	17.16	16.67	19.93	22.69	0.1859
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	16.96	16.56	19.77	22.53	0.1793
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	16.88	16.19	19.56	22.32	0.1706
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	15.15	14.62	17.90	20.66	0.1165
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	15.09	14.67	17.90	20.66	0.1163
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	14.95	14.36	17.68	20.44	0.1105
78	30	70	651000	3765	CP-OFDM QPSK	95@47	18.69	17.65	21.21	23.91	0.2461
78	30	70	651000	3765	CP-OFDM QPSK	1@1	18.71	17.59	21.20	23.90	0.2453
78	30	70	651000	3765	CP-OFDM QPSK	1@187	18.61	17.74	21.21	23.91	0.2459
78	30	70	651000	3765	CP-OFDM 16 QAM	95@47	18.24	17.17	20.75	23.45	0.2212
78	30	70	651000	3765	CP-OFDM 16 QAM	1@1	18	16.89	20.49	23.19	0.2085
78	30	70	651000	3765	CP-OFDM 16 QAM	1@187	17.95	16.95	20.49	23.19	0.2084
78	30	70	651000	3765	CP-OFDM 64 QAM	95@47	16.67	15.6	19.18	21.88	0.1541
78	30	70	651000	3765	CP-OFDM 64 QAM	1@1	16.74	15.3	19.09	21.79	0.1510
78	30	70	651000	3765	CP-OFDM 64 QAM	1@187	16.65	15.34	19.05	21.75	0.1498
78	30	70	651000	3765	CP-OFDM 256 QAM	95@47	13.98	12.55	16.33	19.03	0.0801
78	30	70	651000	3765	CP-OFDM 256 QAM	1@1	13.86	12.63	16.30	19.00	0.0794
78	30	70	651000	3765	CP-OFDM 256 QAM	1@187	13.68	12.7	16.23	18.93	0.0781
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	19.68	19.25	22.48	25.24	0.3342
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	19.54	19.34	22.45	25.21	0.3320

78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	19.57	18.96	22.29	25.05	0.3196
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	19.72	19.28	22.52	25.28	0.3370
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	19.52	19.4	22.47	25.23	0.3335
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	19.46	18.95	22.22	24.98	0.3150
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	18.66	18.25	21.47	24.23	0.2649
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	18.43	18.16	21.31	24.07	0.2551
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	18.39	17.72	21.08	23.84	0.2420
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	17.15	16.69	19.94	22.70	0.1861
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	17.02	16.71	19.88	22.64	0.1836
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	16.99	16.36	19.70	22.46	0.1761
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	15.08	14.72	17.91	20.67	0.1168
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	14.95	14.76	17.87	20.63	0.1155
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	14.94	14.38	17.68	20.44	0.1106
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	18.86	17.52	21.25	23.95	0.2484
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	18.63	17.7	21.20	23.90	0.2455
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	18.48	17.52	21.04	23.74	0.2364
78	30	80	649334	3740.01	CP-OFDM 16 QAM	109@54	18.17	17.1	20.68	23.38	0.2177
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	18.07	16.96	20.56	23.26	0.2119
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@215	17.99	16.81	20.45	23.15	0.2066
78	30	80	649334	3740.01	CP-OFDM 64 QAM	109@54	16.65	15.56	19.15	21.85	0.1531
78	30	80	649334	3740.01	CP-OFDM 64 QAM	1@1	16.63	15.44	19.09	21.79	0.1509
78	30	80	649334	3740.01	CP-OFDM 64 QAM	1@215	16.59	15.22	18.97	21.67	0.1469
78	30	80	649334	3740.01	CP-OFDM 256 QAM	109@54	13.92	12.62	16.33	19.03	0.0800
78	30	80	649334	3740.01	CP-OFDM 256 QAM	1@1	13.65	12.87	16.29	18.99	0.0792
78	30	80	649334	3740.01	CP-OFDM 256 QAM	1@215	14.32	12.64	16.57	19.27	0.0845
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	19.68	19.16	22.44	25.20	0.3310

78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	19.62	19.33	22.49	25.25	0.3348
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	19.5	18.86	22.20	24.96	0.3135
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	19.74	19.22	22.50	25.26	0.3356
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	19.73	19.3	22.53	25.29	0.3381
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	19.51	18.91	22.23	24.99	0.3155
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	18.67	18.16	21.43	24.19	0.2626
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.49	18.11	21.31	24.07	0.2555
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	18.37	17.64	21.03	23.79	0.2394
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	17.2	16.66	19.95	22.71	0.1866
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	17.06	16.61	19.85	22.61	0.1824
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	16.96	16.3	19.65	22.41	0.1743
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	15.18	14.59	17.91	20.67	0.1166
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	15	14.79	17.91	20.67	0.1166
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	14.91	14.37	17.66	20.42	0.1101
78	30	80	650000	3750	CP-OFDM QPSK	109@54	18.6	17.52	21.10	23.80	0.2401
78	30	80	650000	3750	CP-OFDM QPSK	1@1	18.69	17.66	21.22	23.92	0.2464
78	30	80	650000	3750	CP-OFDM QPSK	1@215	18.54	17.55	21.08	23.78	0.2390
78	30	80	650000	3750	CP-OFDM 16 QAM	109@54	18.19	17.16	20.72	23.42	0.2196
78	30	80	650000	3750	CP-OFDM 16 QAM	1@1	18.05	17.12	20.62	23.32	0.2148
78	30	80	650000	3750	CP-OFDM 16 QAM	1@215	17.88	16.92	20.44	23.14	0.2059
78	30	80	650000	3750	CP-OFDM 64 QAM	109@54	16.66	15.61	19.18	21.88	0.1541
78	30	80	650000	3750	CP-OFDM 64 QAM	1@1	16.85	15.42	19.20	21.90	0.1550
78	30	80	650000	3750	CP-OFDM 64 QAM	1@215	16.79	15.31	19.12	21.82	0.1522
78	30	80	650000	3750	CP-OFDM 256 QAM	109@54	13.9	12.64	16.33	19.03	0.0799
78	30	80	650000	3750	CP-OFDM 256 QAM	1@1	13.88	12.79	16.38	19.08	0.0809
78	30	80	650000	3750	CP-OFDM 256 QAM	1@215	13.65	12.65	16.19	18.89	0.0774

78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	19.7	19.05	22.40	25.16	0.3279
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	19.65	19.35	22.51	25.27	0.3367
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	19.55	18.87	22.23	24.99	0.3158
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	19.68	19.08	22.40	25.16	0.3281
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	19.64	19.27	22.47	25.23	0.3334
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	19.48	18.82	22.17	24.93	0.3114
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	18.74	18.08	21.43	24.19	0.2626
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	18.88	18.46	21.69	24.45	0.2783
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	18.64	18.07	21.37	24.13	0.2591
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	17.22	16.6	19.93	22.69	0.1858
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	17.21	16.73	19.99	22.75	0.1882
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	16.92	16.33	19.65	22.41	0.1740
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	15.16	14.56	17.88	20.64	0.1159
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	15.04	14.65	17.86	20.62	0.1153
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	14.89	14.34	17.63	20.39	0.1095
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	18.65	17.86	21.28	23.98	0.2502
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	18.67	17.63	21.19	23.89	0.2450
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	18.51	17.58	21.08	23.78	0.2388
78	30	80	650666	3759.99	CP-OFDM 16 QAM	109@54	18.2	17.06	20.68	23.38	0.2177
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@1	18.07	16.9	20.53	23.23	0.2106
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@215	17.99	16.8	20.45	23.15	0.2063
78	30	80	650666	3759.99	CP-OFDM 64 QAM	109@54	16.7	15.5	19.15	21.85	0.1532
78	30	80	650666	3759.99	CP-OFDM 64 QAM	1@1	16.69	15.37	19.09	21.79	0.1510
78	30	80	650666	3759.99	CP-OFDM 64 QAM	1@215	16.65	15.29	19.03	21.73	0.1490
78	30	80	650666	3759.99	CP-OFDM 256 QAM	109@54	13.9	12.51	16.27	18.97	0.0789
78	30	80	650666	3759.99	CP-OFDM 256 QAM	1@1	14.65	12.62	16.76	19.46	0.0884

78	30	80	650666	3759.99	CP-OFDM 256 QAM	1@215	13.53	12.64	16.12	18.82	0.0762
78	30	90	649668	3745.02	DFT-s- OFDM PI/2 BPSK	120@60	19.65	19.22	22.45	25.21	0.3319
78	30	90	649668	3745.02	DFT-s- OFDM PI/2 BPSK	1@1	19.66	19.39	22.54	25.30	0.3386
78	30	90	649668	3745.02	DFT-s- OFDM PI/2 BPSK	1@243	19.56	18.93	22.27	25.03	0.3182
78	30	90	649668	3745.02	DFT-s- OFDM QPSK	120@60	19.69	19.19	22.46	25.22	0.3325
78	30	90	649668	3745.02	DFT-s- OFDM QPSK	1@1	19.6	19.37	22.50	25.26	0.3355
78	30	90	649668	3745.02	DFT-s- OFDM QPSK	1@243	19.54	18.87	22.23	24.99	0.3154
78	30	90	649668	3745.02	DFT-s- OFDM 16 QAM	120@60	18.69	18.19	21.46	24.22	0.2641
78	30	90	649668	3745.02	DFT-s- OFDM 16 QAM	1@1	18.42	18.19	21.32	24.08	0.2557
78	30	90	649668	3745.02	DFT-s- OFDM 16 QAM	1@243	18.42	17.75	21.11	23.87	0.2437
78	30	90	649668	3745.02	DFT-s- OFDM 64 QAM	120@60	17.27	16.71	20.01	22.77	0.1892
78	30	90	649668	3745.02	DFT-s- OFDM 64 QAM	1@1	17.05	16.84	19.96	22.72	0.1869
78	30	90	649668	3745.02	DFT-s- OFDM 64 QAM	1@243	17	16.44	19.74	22.50	0.1778
78	30	90	649668	3745.02	DFT-s- OFDM 256 QAM	120@60	15.19	14.69	17.96	20.72	0.1180
78	30	90	649668	3745.02	DFT-s- OFDM 256 QAM	1@1	15.02	14.76	17.90	20.66	0.1165
78	30	90	649668	3745.02	DFT-s- OFDM 256 QAM	1@243	14.98	14.45	17.73	20.49	0.1120
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	18.62	17.58	21.14	23.84	0.2422
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	18.61	17.72	21.20	23.90	0.2454
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	18.62	17.62	21.16	23.86	0.2432
78	30	90	649668	3745.02	CP-OFDM 16 QAM	123@61	18.1	17.13	20.65	23.35	0.2164
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	18.01	16.99	20.54	23.24	0.2109
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@243	18.03	16.95	20.53	23.23	0.2106
78	30	90	649668	3745.02	CP-OFDM 64 QAM	123@61	16.64	15.59	19.16	21.86	0.1534
78	30	90	649668	3745.02	CP-OFDM 64 QAM	1@1	16.61	15.42	19.07	21.77	0.1502
78	30	90	649668	3745.02	CP-OFDM 64 QAM	1@243	16.65	15.49	19.12	21.82	0.1520
78	30	90	649668	3745.02	CP-OFDM 256 QAM	123@61	13.84	12.62	16.28	18.98	0.0791

78	30	90	649668	3745.02	CP-OFDM 256 QAM	1@1	13.64	12.88	16.29	18.99	0.0792
78	30	90	649668	3745.02	CP-OFDM 256 QAM	1@243	14.08	12.73	16.47	19.17	0.0826
78	30	90	650000	3750	DFT-s- OFDM PI/2 BPSK	120@60	19.73	19.23	22.50	25.26	0.3355
78	30	90	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	19.59	19.46	22.54	25.30	0.3385
78	30	90	650000	3750	DFT-s- OFDM PI/2 BPSK	1@243	19.63	18.86	22.27	25.03	0.3186
78	30	90	650000	3750	DFT-s- OFDM QPSK	120@60	19.74	19.22	22.50	25.26	0.3356
78	30	90	650000	3750	DFT-s- OFDM QPSK	1@1	19.7	19.33	22.53	25.29	0.3380
78	30	90	650000	3750	DFT-s- OFDM QPSK	1@243	19.57	18.86	22.24	25.00	0.3162
78	30	90	650000	3750	DFT-s- OFDM 16 QAM	120@60	18.72	18.23	21.49	24.25	0.2662
78	30	90	650000	3750	DFT-s- OFDM 16 QAM	1@1	18.47	18.16	21.33	24.09	0.2563
78	30	90	650000	3750	DFT-s- OFDM 16 QAM	1@243	18.38	17.75	21.09	23.85	0.2425
78	30	90	650000	3750	DFT-s- OFDM 64 QAM	120@60	17.26	16.75	20.02	22.78	0.1898
78	30	90	650000	3750	DFT-s- OFDM 64 QAM	1@1	17.23	16.96	20.11	22.87	0.1935
78	30	90	650000	3750	DFT-s- OFDM 64 QAM	1@243	17.16	16.49	19.85	22.61	0.1823
78	30	90	650000	3750	DFT-s- OFDM 256 QAM	120@60	15.14	14.73	17.95	20.71	0.1178
78	30	90	650000	3750	DFT-s- OFDM 256 QAM	1@1	15.1	14.78	17.95	20.71	0.1178
78	30	90	650000	3750	DFT-s- OFDM 256 QAM	1@243	14.92	14.39	17.67	20.43	0.1105
78	30	90	650000	3750	CP-OFDM QPSK	123@61	18.56	17.62	21.13	23.83	0.2413
78	30	90	650000	3750	CP-OFDM QPSK	1@1	18.62	17.72	21.20	23.90	0.2457
78	30	90	650000	3750	CP-OFDM QPSK	1@243	18.5	17.67	21.12	23.82	0.2407
78	30	90	650000	3750	CP-OFDM 16 QAM	123@61	18.13	17.13	20.67	23.37	0.2172
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	18.05	16.91	20.53	23.23	0.2103
78	30	90	650000	3750	CP-OFDM 16 QAM	1@243	17.95	17	20.51	23.21	0.2095
78	30	90	650000	3750	CP-OFDM 64 QAM	123@61	16.7	15.54	19.17	21.87	0.1538
78	30	90	650000	3750	CP-OFDM 64 QAM	1@1	16.66	15.43	19.10	21.80	0.1513
78	30	90	650000	3750	CP-OFDM 64 QAM	1@243	16.7	15.45	19.13	21.83	0.1524

78	30	90	650000	3750	CP-OFDM 256 QAM	123@61	13.9	12.59	16.30	19.00	0.0795
78	30	90	650000	3750	CP-OFDM 256 QAM	1@1	13.69	12.83	16.29	18.99	0.0793
78	30	90	650000	3750	CP-OFDM 256 QAM	1@243	15	12.69	17.01	19.71	0.0935
78	30	90	650332	3754.98	DFT-s- OFDM PI/2 BPSK	120@60	19.7	19.17	22.45	25.21	0.3322
78	30	90	650332	3754.98	DFT-s- OFDM PI/2 BPSK	1@1	19.68	19.24	22.48	25.24	0.3339
78	30	90	650332	3754.98	DFT-s- OFDM PI/2 BPSK	1@243	19.54	18.89	22.24	25.00	0.3160
78	30	90	650332	3754.98	DFT-s- OFDM QPSK	120@60	19.63	19.13	22.40	25.16	0.3279
78	30	90	650332	3754.98	DFT-s- OFDM QPSK	1@1	19.7	19.23	22.48	25.24	0.3343
78	30	90	650332	3754.98	DFT-s- OFDM QPSK	1@243	19.59	18.84	22.24	25.00	0.3163
78	30	90	650332	3754.98	DFT-s- OFDM 16 QAM	120@60	18.68	18.22	21.47	24.23	0.2646
78	30	90	650332	3754.98	DFT-s- OFDM 16 QAM	1@1	18.54	18.01	21.29	24.05	0.2543
78	30	90	650332	3754.98	DFT-s- OFDM 16 QAM	1@243	18.43	17.74	21.11	23.87	0.2437
78	30	90	650332	3754.98	DFT-s- OFDM 64 QAM	120@60	17.2	16.69	19.96	22.72	0.1872
78	30	90	650332	3754.98	DFT-s- OFDM 64 QAM	1@1	17.22	16.84	20.04	22.80	0.1907
78	30	90	650332	3754.98	DFT-s- OFDM 64 QAM	1@243	17.15	16.52	19.86	22.62	0.1827
78	30	90	650332	3754.98	DFT-s- OFDM 256 QAM	120@60	15.16	14.63	17.91	20.67	0.1168
78	30	90	650332	3754.98	DFT-s- OFDM 256 QAM	1@1	15.05	14.71	17.89	20.65	0.1162
78	30	90	650332	3754.98	DFT-s- OFDM 256 QAM	1@243	14.95	14.35	17.67	20.43	0.1104
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	18.83	17.5	21.23	23.93	0.2469
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	18.69	17.61	21.19	23.89	0.2451
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	18.63	17.55	21.13	23.83	0.2418
78	30	90	650332	3754.98	CP-OFDM 16 QAM	123@61	18.1	17.06	20.62	23.32	0.2149
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	18.19	16.94	20.62	23.32	0.2148
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@243	18.11	16.91	20.56	23.26	0.2119
78	30	90	650332	3754.98	CP-OFDM 64 QAM	123@61	16.68	15.55	19.16	21.86	0.1535
78	30	90	650332	3754.98	CP-OFDM 64 QAM	1@1	16.68	15.35	19.08	21.78	0.1505

78	30	90	650332	3754.98	CP-OFDM 64 QAM	1@243	16.66	15.41	19.09	21.79	0.1510
78	30	90	650332	3754.98	CP-OFDM 256 QAM	123@61	13.87	12.54	16.27	18.97	0.0788
78	30	90	650332	3754.98	CP-OFDM 256 QAM	1@1	13.69	12.71	16.24	18.94	0.0783
78	30	90	650332	3754.98	CP-OFDM 256 QAM	1@243	14.56	12.7	16.74	19.44	0.0879
78	30	100	650000	3750	DFT-s- OFDM PI/2 BPSK	135@67	19.69	19.25	22.49	25.25	0.3346
78	30	100	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	19.64	19.36	22.51	25.27	0.3367
78	30	100	650000	3750	DFT-s- OFDM PI/2 BPSK	1@271	19.55	18.99	22.29	25.05	0.3198
78	30	100	650000	3750	DFT-s- OFDM QPSK	135@67	19.81	19.2	22.53	25.29	0.3378
78	30	100	650000	3750	DFT-s- OFDM QPSK	1@1	19.52	19.34	22.44	25.20	0.3312
78	30	100	650000	3750	DFT-s- OFDM QPSK	1@271	19.58	19	22.31	25.07	0.3214
78	30	100	650000	3750	DFT-s- OFDM 16 QAM	135@67	18.68	18.23	21.47	24.23	0.2649
78	30	100	650000	3750	DFT-s- OFDM 16 QAM	1@1	18.5	18.18	21.35	24.11	0.2578
78	30	100	650000	3750	DFT-s- OFDM 16 QAM	1@271	18.4	17.84	21.14	23.90	0.2454
78	30	100	650000	3750	DFT-s- OFDM 64 QAM	135@67	17.21	16.66	19.95	22.71	0.1868
78	30	100	650000	3750	DFT-s- OFDM 64 QAM	1@1	17.21	16.93	20.08	22.84	0.1924
78	30	100	650000	3750	DFT-s- OFDM 64 QAM	1@271	17.13	16.52	19.85	22.61	0.1822
78	30	100	650000	3750	DFT-s- OFDM 256 QAM	135@67	15.15	14.69	17.94	20.70	0.1174
78	30	100	650000	3750	DFT-s- OFDM 256 QAM	1@1	15.06	14.81	17.95	20.71	0.1177
78	30	100	650000	3750	DFT-s- OFDM 256 QAM	1@271	15.06	14.47	17.79	20.55	0.1134
78	30	100	650000	3750	CP-OFDM QPSK	137@68	18.72	17.55	21.18	23.88	0.2446
78	30	100	650000	3750	CP-OFDM QPSK	1@1	18.6	17.61	21.14	23.84	0.2423
78	30	100	650000	3750	CP-OFDM QPSK	1@271	18.65	17.64	21.18	23.88	0.2446
78	30	100	650000	3750	CP-OFDM 16 QAM	137@68	18.14	17.06	20.64	23.34	0.2160
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	18.01	17	20.54	23.24	0.2111
78	30	100	650000	3750	CP-OFDM 16 QAM	1@271	18.01	17.04	20.56	23.26	0.2119
78	30	100	650000	3750	CP-OFDM 64 QAM	137@68	16.72	15.6	19.21	21.91	0.1551

78	30	100	650000	3750	CP-OFDM 64 QAM	1@1	16.68	15.38	19.09	21.79	0.1510
78	30	100	650000	3750	CP-OFDM 64 QAM	1@271	16.53	15.3	18.97	21.67	0.1468
78	30	100	650000	3750	CP-OFDM 256 QAM	137@68	13.91	12.65	16.34	19.04	0.0801
78	30	100	650000	3750	CP-OFDM 256 QAM	1@1	13.65	12.75	16.23	18.93	0.0782
78	30	100	650000	3750	CP-OFDM 256 QAM	1@271	13.75	12.72	16.28	18.98	0.0790

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

Transmitter Conducted Output Power And ERP/EIRP, ($G_T - L_C$) = -0.3dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	23.36	23.06	0.2023
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	23.27	22.97	0.1982
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	23.38	23.08	0.2032
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	23.33	23.03	0.2009
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.24	22.94	0.1968
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	23.34	23.04	0.2014
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	22.46	22.16	0.1644
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.54	22.24	0.1675
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	22.6	22.3	0.1698
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	20.95	20.65	0.1161
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	20.89	20.59	0.1146
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	21	20.7	0.1175
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	19.03	18.73	0.0746
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	19.07	18.77	0.0753
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	19.11	18.81	0.0760
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	22.01	21.71	0.1483
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	21.84	21.54	0.1426
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	21.95	21.65	0.1462
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	23.28	22.98	0.1986

78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.2	22.9	0.1950
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	23.27	22.97	0.1982
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	23.27	22.97	0.1982
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	23.18	22.88	0.1941
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	23.22	22.92	0.1959
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	22.38	22.08	0.1614
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.24	21.94	0.1563
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	22.36	22.06	0.1607
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	20.89	20.59	0.1146
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	21.04	20.74	0.1186
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	21.09	20.79	0.1199
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	18.95	18.65	0.0733
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.91	18.61	0.0726
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	19.01	18.71	0.0743
78	30	20	650000	3750	CP-OFDM QPSK	25@12	21.91	21.61	0.1449
78	30	20	650000	3750	CP-OFDM QPSK	1@1	21.74	21.44	0.1393
78	30	20	650000	3750	CP-OFDM QPSK	1@49	21.85	21.55	0.1429
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	23.42	23.12	0.2051
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	23.42	23.12	0.2051
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	23.41	23.11	0.2046
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	23.39	23.09	0.2037
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	23.42	23.12	0.2051
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	23.41	23.11	0.2046
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	22.5	22.2	0.1660

78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	22.55	22.25	0.1679
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	22.51	22.21	0.1663
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	21.1	20.8	0.1202
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	21.11	20.81	0.1205
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	21.24	20.94	0.1242
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	19.02	18.72	0.0745
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	19.17	18.87	0.0771
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	19.2	18.9	0.0776
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	21.98	21.68	0.1472
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	22	21.7	0.1479
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	22.05	21.75	0.1496
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	23.27	22.97	0.1982
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	23.31	23.01	0.2000
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	23.39	23.09	0.2037
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	23.3	23	0.1995
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	23.31	23.01	0.2000
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	23.38	23.08	0.2032
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	22.4	22.1	0.1622
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	22.42	22.12	0.1629
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	22.46	22.16	0.1644
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	20.96	20.66	0.1164
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	20.83	20.53	0.1130
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	20.85	20.55	0.1135
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	18.91	18.61	0.0726

78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	19.08	18.78	0.0755
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	19.1	18.8	0.0759
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	21.88	21.58	0.1439
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	21.91	21.61	0.1449
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	21.95	21.65	0.1462
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	36@18	23.24	22.94	0.1968
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.23	22.93	0.1963
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@76	23.35	23.05	0.2018
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	23.22	22.92	0.1959
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	23.22	22.92	0.1959
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	23.27	22.97	0.1982
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	22.33	22.03	0.1596
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.29	21.99	0.1581
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	22.35	22.05	0.1603
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	36@18	20.86	20.56	0.1138
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.74	20.44	0.1107
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@76	20.86	20.56	0.1138
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	36@18	18.82	18.52	0.0711
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.93	18.63	0.0729
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@76	19	18.7	0.0741
78	30	30	650000	3750	CP-OFDM QPSK	39@19	21.83	21.53	0.1422
78	30	30	650000	3750	CP-OFDM QPSK	1@1	21.86	21.56	0.1432
78	30	30	650000	3750	CP-OFDM QPSK	1@76	21.8	21.5	0.1413
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	36@18	23.34	23.04	0.2014
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	23.36	23.06	0.2023

78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@76	23.37	23.07	0.2028
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	23.32	23.02	0.2004
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	23.36	23.06	0.2023
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	23.24	22.94	0.1968
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	22.43	22.13	0.1633
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	22.44	22.14	0.1637
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	22.47	22.17	0.1648
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	36@18	20.97	20.67	0.1167
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@1	20.92	20.62	0.1153
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@76	20.91	20.61	0.1151
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	36@18	18.92	18.62	0.0728
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@1	19.09	18.79	0.0757
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@76	19.04	18.74	0.0748
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	21.94	21.64	0.1459
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	21.87	21.57	0.1435
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	21.8	21.5	0.1413
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	23.34	23.04	0.2014
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	23.37	23.07	0.2028
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	23.37	23.07	0.2028
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	23.35	23.05	0.2018
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	23.37	23.07	0.2028
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	23.36	23.06	0.2023
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	22.38	22.08	0.1614
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.45	22.15	0.1641

78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	22.37	22.07	0.1611
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	20.94	20.64	0.1159
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	20.97	20.67	0.1167
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	20.93	20.63	0.1156
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	18.94	18.64	0.0731
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	19.16	18.86	0.0769
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	19.05	18.75	0.0750
78	30	40	648000	3720	CP-OFDM QPSK	53@26	21.9	21.6	0.1445
78	30	40	648000	3720	CP-OFDM QPSK	1@1	22	21.7	0.1479
78	30	40	648000	3720	CP-OFDM QPSK	1@104	21.96	21.66	0.1466
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	23.31	23.01	0.2000
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.3	23	0.1995
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	23.52	23.22	0.2099
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	23.24	22.94	0.1968
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.28	22.98	0.1986
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	23.47	23.17	0.2075
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	22.33	22.03	0.1596
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.43	22.13	0.1633
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	22.54	22.24	0.1675
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	20.84	20.54	0.1132
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	21.1	20.8	0.1202
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	21.18	20.88	0.1225
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	18.88	18.58	0.0721
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	19.19	18.89	0.0774

78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	19.24	18.94	0.0783
78	30	40	650000	3750	CP-OFDM QPSK	53@26	21.88	21.58	0.1439
78	30	40	650000	3750	CP-OFDM QPSK	1@1	21.94	21.64	0.1459
78	30	40	650000	3750	CP-OFDM QPSK	1@104	22.11	21.81	0.1517
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	23.41	23.11	0.2046
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	23.32	23.02	0.2004
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	23.51	23.21	0.2094
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	23.36	23.06	0.2023
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	23.37	23.07	0.2028
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	23.42	23.12	0.2051
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	22.41	22.11	0.1626
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	22.46	22.16	0.1644
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	22.59	22.29	0.1694
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	20.96	20.66	0.1164
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	21.11	20.81	0.1205
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	21.22	20.92	0.1236
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	18.93	18.63	0.0729
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	19.12	18.82	0.0762
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	19.17	18.87	0.0771
78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.93	21.63	0.1455
78	30	40	652000	3780	CP-OFDM QPSK	1@1	22.02	21.72	0.1486
78	30	40	652000	3780	CP-OFDM QPSK	1@104	22.11	21.81	0.1517
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	23.23	22.93	0.1963
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	23.13	22.83	0.1919
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	23.11	22.81	0.1910

78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	23.16	22.86	0.1932
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	23.1	22.8	0.1905
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	23.18	22.88	0.1941
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	22.31	22.01	0.1589
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.03	21.73	0.1489
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	22.21	21.91	0.1552
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	20.81	20.51	0.1125
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	20.64	20.34	0.1081
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	20.67	20.37	0.1089
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	18.77	18.47	0.0703
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.73	18.43	0.0697
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	18.79	18.49	0.0706
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	21.79	21.49	0.1409
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	21.8	21.5	0.1413
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	21.83	21.53	0.1422
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	23.24	22.94	0.1968
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.18	22.88	0.1941
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	23.13	22.83	0.1919
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	23.22	22.92	0.1959
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	23.13	22.83	0.1919
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	23.17	22.87	0.1936
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	22.32	22.02	0.1592
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.32	22.02	0.1592
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	22.33	22.03	0.1596

78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	20.79	20.49	0.1119
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.63	20.33	0.1079
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	20.68	20.38	0.1091
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	18.75	18.45	0.0700
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.77	18.47	0.0703
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	18.75	18.45	0.0700
78	30	50	650000	3750	CP-OFDM QPSK	67@33	21.83	21.53	0.1422
78	30	50	650000	3750	CP-OFDM QPSK	1@1	21.74	21.44	0.1393
78	30	50	650000	3750	CP-OFDM QPSK	1@131	21.77	21.47	0.1403
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	23.16	22.86	0.1932
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	23.07	22.77	0.1892
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	23.15	22.85	0.1928
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	23.21	22.91	0.1954
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.98	22.68	0.1854
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	23.14	22.84	0.1923
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	22.22	21.92	0.1556
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	22.15	21.85	0.1531
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	22.1	21.8	0.1514
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.85	20.55	0.1135
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	20.56	20.26	0.1062
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	20.63	20.33	0.1079
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.72	18.42	0.0695
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	18.66	18.36	0.0685
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	18.67	18.37	0.0687

78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.77	21.47	0.1403
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	21.65	21.35	0.1365
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	21.66	21.36	0.1368
78	30	60	648668	3730.02	DFT-s- OFDM PI/2 BPSK	81@40	23.26	22.96	0.1977
78	30	60	648668	3730.02	DFT-s- OFDM PI/2 BPSK	1@1	23.06	22.76	0.1888
78	30	60	648668	3730.02	DFT-s- OFDM PI/2 BPSK	1@160	23.17	22.87	0.1936
78	30	60	648668	3730.02	DFT-s- OFDM QPSK	81@40	23.19	22.89	0.1945
78	30	60	648668	3730.02	DFT-s- OFDM QPSK	1@1	23.02	22.72	0.1871
78	30	60	648668	3730.02	DFT-s- OFDM QPSK	1@160	23.12	22.82	0.1914
78	30	60	648668	3730.02	DFT-s- OFDM 16 QAM	81@40	22.27	21.97	0.1574
78	30	60	648668	3730.02	DFT-s- OFDM 16 QAM	1@1	22.09	21.79	0.1510
78	30	60	648668	3730.02	DFT-s- OFDM 16 QAM	1@160	22.23	21.93	0.1560
78	30	60	648668	3730.02	DFT-s- OFDM 64 QAM	81@40	20.81	20.51	0.1125
78	30	60	648668	3730.02	DFT-s- OFDM 64 QAM	1@1	20.41	20.11	0.1026
78	30	60	648668	3730.02	DFT-s- OFDM 64 QAM	1@160	20.62	20.32	0.1076
78	30	60	648668	3730.02	DFT-s- OFDM 256 QAM	81@40	18.85	18.55	0.0716
78	30	60	648668	3730.02	DFT-s- OFDM 256 QAM	1@1	18.71	18.41	0.0693
78	30	60	648668	3730.02	DFT-s- OFDM 256 QAM	1@160	18.83	18.53	0.0713
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.63	21.33	0.1358
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	21.6	21.3	0.1349
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	21.6	21.3	0.1349
78	30	60	650000	3750	DFT-s- OFDM PI/2 BPSK	81@40	23.12	22.82	0.1914
78	30	60	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	22.88	22.58	0.1811
78	30	60	650000	3750	DFT-s- OFDM PI/2 BPSK	1@160	23.13	22.83	0.1919
78	30	60	650000	3750	DFT-s- OFDM QPSK	81@40	22.98	22.68	0.1854

78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	22.91	22.61	0.1824
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	23.08	22.78	0.1897
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	22.11	21.81	0.1517
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.99	21.69	0.1476
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	22.19	21.89	0.1545
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	20.62	20.32	0.1076
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.52	20.22	0.1052
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	20.72	20.42	0.1102
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	18.65	18.35	0.0684
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.65	18.35	0.0684
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	18.92	18.62	0.0728
78	30	60	650000	3750	CP-OFDM QPSK	81@40	21.69	21.39	0.1377
78	30	60	650000	3750	CP-OFDM QPSK	1@1	21.65	21.35	0.1365
78	30	60	650000	3750	CP-OFDM QPSK	1@160	21.83	21.53	0.1422
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	23.19	22.89	0.1945
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	22.98	22.68	0.1854
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	23.11	22.81	0.1910
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	23.21	22.91	0.1954
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	22.92	22.62	0.1828
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	23.17	22.87	0.1936
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	22.27	21.97	0.1574
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	22.1	21.8	0.1514
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	22.22	21.92	0.1556
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	20.79	20.49	0.1119

78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	20.58	20.28	0.1067
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	20.79	20.49	0.1119
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	18.75	18.45	0.0700
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	18.52	18.22	0.0664
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	18.71	18.41	0.0693
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	21.77	21.47	0.1403
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	21.59	21.29	0.1346
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	21.87	21.57	0.1435
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	23.05	22.75	0.1884
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.95	22.65	0.1841
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	23.13	22.83	0.1919
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	23.06	22.76	0.1888
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.96	22.66	0.1845
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	23.01	22.71	0.1866
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	22.23	21.93	0.1560
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	22	21.7	0.1479
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	22.12	21.82	0.1521
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.71	20.41	0.1099
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	20.39	20.09	0.1021
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	20.43	20.13	0.1030
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	18.74	18.44	0.0698
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	18.64	18.34	0.0682
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	18.74	18.44	0.0698
78	30	70	649000	3735	CP-OFDM QPSK	95@47	21.75	21.45	0.1396
78	30	70	649000	3735	CP-OFDM QPSK	1@1	21.62	21.32	0.1355

78	30	70	649000	3735	CP-OFDM QPSK	1@187	21.71	21.41	0.1384
78	30	70	650000	3750	DFT-s- OFDM PI/2 BPSK	90@45	23	22.7	0.1862
78	30	70	650000	3750	DFT-s- OFDM PI/2 BPSK	1@1	22.96	22.66	0.1845
78	30	70	650000	3750	DFT-s- OFDM PI/2 BPSK	1@187	22.98	22.68	0.1854
78	30	70	650000	3750	DFT-s- OFDM QPSK	90@45	23.02	22.72	0.1871
78	30	70	650000	3750	DFT-s- OFDM QPSK	1@1	22.88	22.58	0.1811
78	30	70	650000	3750	DFT-s- OFDM QPSK	1@187	22.97	22.67	0.1849
78	30	70	650000	3750	DFT-s- OFDM 16 QAM	90@45	22.05	21.75	0.1496
78	30	70	650000	3750	DFT-s- OFDM 16 QAM	1@1	21.92	21.62	0.1452
78	30	70	650000	3750	DFT-s- OFDM 16 QAM	1@187	22.08	21.78	0.1507
78	30	70	650000	3750	DFT-s- OFDM 64 QAM	90@45	20.62	20.32	0.1076
78	30	70	650000	3750	DFT-s- OFDM 64 QAM	1@1	20.42	20.12	0.1028
78	30	70	650000	3750	DFT-s- OFDM 64 QAM	1@187	20.47	20.17	0.1040
78	30	70	650000	3750	DFT-s- OFDM 256 QAM	90@45	18.63	18.33	0.0681
78	30	70	650000	3750	DFT-s- OFDM 256 QAM	1@1	18.59	18.29	0.0675
78	30	70	650000	3750	DFT-s- OFDM 256 QAM	1@187	18.67	18.37	0.0687
78	30	70	650000	3750	CP-OFDM QPSK	95@47	21.51	21.21	0.1321
78	30	70	650000	3750	CP-OFDM QPSK	1@1	21.57	21.27	0.1340
78	30	70	650000	3750	CP-OFDM QPSK	1@187	21.61	21.31	0.1352
78	30	70	651000	3765	DFT-s- OFDM PI/2 BPSK	90@45	23.11	22.81	0.1910
78	30	70	651000	3765	DFT-s- OFDM PI/2 BPSK	1@1	23.04	22.74	0.1879
78	30	70	651000	3765	DFT-s- OFDM PI/2 BPSK	1@187	23.01	22.71	0.1866
78	30	70	651000	3765	DFT-s- OFDM QPSK	90@45	23.11	22.81	0.1910
78	30	70	651000	3765	DFT-s- OFDM QPSK	1@1	23.06	22.76	0.1888
78	30	70	651000	3765	DFT-s- OFDM	1@187	23.04	22.74	0.1879

QPSK									
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	22.14	21.84	0.1528
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	22.24	21.94	0.1563
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	22.34	22.04	0.1600
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	20.73	20.43	0.1104
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	20.6	20.3	0.1072
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	20.68	20.38	0.1091
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	18.71	18.41	0.0693
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	18.55	18.25	0.0668
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	18.6	18.3	0.0676
78	30	70	651000	3765	CP-OFDM QPSK	95@47	21.73	21.43	0.1390
78	30	70	651000	3765	CP-OFDM QPSK	1@1	21.63	21.33	0.1358
78	30	70	651000	3765	CP-OFDM QPSK	1@187	21.73	21.43	0.1390
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	23.15	22.85	0.1928
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	22.88	22.58	0.1811
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	23.09	22.79	0.1901
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	23.12	22.82	0.1914
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	22.9	22.6	0.1820
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	23.07	22.77	0.1892
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	22.2	21.9	0.1549
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	21.91	21.61	0.1449
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	22.1	21.8	0.1514
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	20.69	20.39	0.1094
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	20.85	20.55	0.1135
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	20.93	20.63	0.1156

QAM									
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	18.78	18.48	0.0705
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	18.41	18.11	0.0647
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	18.72	18.42	0.0695
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	21.66	21.36	0.1368
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	21.62	21.32	0.1355
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	21.67	21.37	0.1371
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	23.08	22.78	0.1897
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.86	22.56	0.1803
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	23.04	22.74	0.1879
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	23.07	22.77	0.1892
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	22.9	22.6	0.1820
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	22.98	22.68	0.1854
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	22.05	21.75	0.1496
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.89	21.59	0.1442
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	22.02	21.72	0.1486
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	20.66	20.36	0.1086
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.74	20.44	0.1107
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	20.9	20.6	0.1148
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	18.63	18.33	0.0681
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.5	18.2	0.0661
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	18.71	18.41	0.0693
78	30	80	650000	3750	CP-OFDM QPSK	109@54	21.62	21.32	0.1355
78	30	80	650000	3750	CP-OFDM QPSK	1@1	21.67	21.37	0.1371
78	30	80	650000	3750	CP-OFDM QPSK	1@215	21.67	21.37	0.1371

78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	23.11	22.81	0.1910
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	23.02	22.72	0.1871
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	23.09	22.79	0.1901
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	23.14	22.84	0.1923
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	22.96	22.66	0.1845
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	23.12	22.82	0.1914
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	22.2	21.9	0.1549
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	21.96	21.66	0.1466
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	22.14	21.84	0.1528
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	20.74	20.44	0.1107
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	20.81	20.51	0.1125
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	20.94	20.64	0.1159
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	18.7	18.4	0.0692
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	18.62	18.32	0.0679
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	18.76	18.46	0.0701
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	21.69	21.39	0.1377
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	21.69	21.39	0.1377
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	21.67	21.37	0.1371
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	23.16	22.86	0.1932
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	22.8	22.5	0.1778
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	23.09	22.79	0.1901
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	23.15	22.85	0.1928
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	22.88	22.58	0.1811
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	23.1	22.8	0.1905

78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	22.27	21.97	0.1574
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	22.06	21.76	0.1500
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	22.2	21.9	0.1549
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	20.74	20.44	0.1107
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	20.77	20.47	0.1114
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	20.86	20.56	0.1138
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	18.68	18.38	0.0689
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	18.5	18.2	0.0661
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	18.76	18.46	0.0701
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	21.69	21.39	0.1377
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	21.59	21.29	0.1346
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	21.69	21.39	0.1377
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	23.01	22.71	0.1866
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.83	22.53	0.1791
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	23.05	22.75	0.1884
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	23	22.7	0.1862
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	22.84	22.54	0.1795
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	23.02	22.72	0.1871
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	22.1	21.8	0.1514
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.91	21.61	0.1449
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	22	21.7	0.1479
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	20.65	20.35	0.1084
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.75	20.45	0.1109
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	20.92	20.62	0.1153

78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	18.68	18.38	0.0689
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.58	18.28	0.0673
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	18.8	18.5	0.0708
78	30	90	650000	3750	CP-OFDM QPSK	123@61	21.59	21.29	0.1346
78	30	90	650000	3750	CP-OFDM QPSK	1@1	21.55	21.25	0.1334
78	30	90	650000	3750	CP-OFDM QPSK	1@243	21.67	21.37	0.1371
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	23.08	22.78	0.1897
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	22.98	22.68	0.1854
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	23.12	22.82	0.1914
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	23.01	22.71	0.1866
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	22.9	22.6	0.1820
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	23.1	22.8	0.1905
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	22.13	21.83	0.1524
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	21.91	21.61	0.1449
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	22.2	21.9	0.1549
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	20.66	20.36	0.1086
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	20.63	20.33	0.1079
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	20.8	20.5	0.1122
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	18.66	18.36	0.0685
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	18.56	18.26	0.0670
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	18.78	18.48	0.0705
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	21.56	21.26	0.1337
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	21.58	21.28	0.1343
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	21.62	21.32	0.1355
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	23.08	22.78	0.1897

78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.85	22.55	0.1799
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	23.12	22.82	0.1914
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	23.01	22.71	0.1866
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	22.86	22.56	0.1803
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	23.08	22.78	0.1897
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	22.12	21.82	0.1521
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.04	21.74	0.1493
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	22.28	21.98	0.1578
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.63	20.33	0.1079
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.35	20.05	0.1012
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	20.64	20.34	0.1081
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.62	18.32	0.0679
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.51	18.21	0.0662
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	18.77	18.47	0.0703
78	30	100	650000	3750	CP-OFDM QPSK	137@68	21.58	21.28	0.1343
78	30	100	650000	3750	CP-OFDM QPSK	1@1	21.43	21.13	0.1297
78	30	100	650000	3750	CP-OFDM QPSK	1@271	21.68	21.38	0.1374



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

EN-DC_48A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654	-59.78	-13	-46.78	-66.75	1.58	10.70	H
	2482	-60.00	-13	-47.00	-68.25	2.10	12.50	H
	3312	-59.84	-13	-46.84	-68.73	2.86	13.90	H
	1654	-59.10	-13	-46.10	-66.07	1.58	10.70	V
	2482	-57.67	-13	-44.67	-65.92	2.10	12.50	V
	3312	-59.70	-13	-46.70	-68.59	2.86	13.90	V

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

SA n5 / 20MHz / QPSK / ANT0(NR)								
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	1654	-61.30	-13	-48.30	-68.27	1.58	10.70	H
	2482	-60.37	-13	-47.37	-68.62	2.10	12.50	H
	3312	-59.69	-13	-46.69	-68.58	2.86	13.90	H
	1654	-58.86	-13	-45.86	-65.83	1.58	10.70	V
	2482	-58.18	-13	-45.18	-66.43	2.10	12.50	V
	3312	-59.64	-13	-46.64	-68.53	2.86	13.90	V

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

EN-DC_13A_n2A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)								
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	3741	-54.85	-13	-41.85	-67.11	2.64	14.90	H
	5613	-42.40	-13	-29.40	-54.26	2.94	14.80	H
	7488	-52.44	-13	-39.44	-62.21	3.39	13.16	H
	3741	-49.45	-13	-36.45	-61.71	2.64	14.90	V
	5613	-43.13	-13	-30.13	-54.99	2.94	14.80	V
	7488	-52.62	-13	-39.62	-62.39	3.39	13.16	V

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



SA n2 / 20MHz / QPSK / ANT1(NR)								
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	3741	-54.78	-13	-41.78	-67.04	2.64	14.90	H
	5613	-42.68	-13	-29.68	-54.54	2.94	14.80	H
	7488	-52.01	-13	-39.01	-61.78	3.39	13.16	H
	3741	-54.59	-13	-41.59	-66.85	2.64	14.90	V
	5613	-46.91	-13	-33.91	-58.77	2.94	14.80	V
	7488	-52.08	-13	-39.08	-61.85	3.39	13.16	V

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

EN-DC_13A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(NR)								
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	3741	-56.30	-13	-43.30	-67.04	2.60	13.34	H
	5208	-51.89	-13	-38.89	-62.40	3.01	13.52	H
	6948	-53.36	-13	-40.36	-63.56	3.27	13.47	H
	3741	-56.03	-13	-43.03	-66.77	2.60	13.34	V
	5208	-51.23	-13	-38.23	-61.74	3.01	13.52	V
	6948	-53.37	-13	-40.37	-63.57	3.27	13.47	V

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

SA n66 / 20MHz / QPSK / ANT1(NR)								
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	-53.91	-13	-40.91	-64.65	2.60	13.34	H
	5208	-45.68	-13	-32.68	-56.19	3.01	13.52	H
	6948	-53.44	-13	-40.44	-63.64	3.27	13.47	H
	3471	-55.69	-13	-42.69	-66.43	2.60	13.34	V
	5208	-43.91	-13	-30.91	-54.42	3.01	13.52	V
	6948	-53.14	-13	-40.14	-63.34	3.27	13.47	V

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



EN-DC 7A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2(NR)								
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	7608	-55.85	-13	-42.85	-66.33	2.76	13.24	H
	11376	-52.55	-13	-39.55	-62.14	3.42	13.01	H
	15216	-58.59	-13	-45.59	-68.20	3.83	13.44	H
	7602	-55.67	-13	-42.67	-66.11	2.80	13.24	V
	11376	-58.13	-13	-45.13	-67.68	3.46	13.01	V
	15216	-58.61	-13	-45.61	-68.17	3.88	13.44	V

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

SA n77 / 100MHz / QPSK / ANT2(NR)								
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	-59.94	-13	-46.94	-70.42	2.76	13.24	H
	11376	-42.78	-13	-29.78	-52.37	3.42	13.01	H
	15216	-58.54	-13	-45.54	-68.15	3.83	13.44	H
	7584	-62.39	-13	-49.39	-72.83	2.80	13.24	V
	11370	-50.32	-13	-37.32	-59.87	3.46	13.01	V
	15216	-58.67	-13	-45.67	-68.23	3.88	13.44	V

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

SA n77 / 100MHz / QPSK / MIMO ANT2+3(NR)								
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	7944	-61.92	-13	-48.92	-72.40	2.76	13.24	H
	11376	-56.81	-13	-43.81	-66.40	3.42	13.01	H
	15180	-58.75	-13	-45.75	-68.36	3.83	13.44	H
	7944	-61.23	-13	-48.23	-71.67	2.80	13.24	V
	11376	-58.57	-13	-45.57	-68.12	3.46	13.01	V
	15180	-58.47	-13	-45.47	-68.03	3.88	13.44	V

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



SA n77 / 100MHz / QPSK / MIMO ANT2+7(NR)								
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	-61.97	-13	-48.97	-72.45	2.76	13.24	H
	11376	-55.76	-13	-42.76	-65.35	3.42	13.01	H
	15180	-58.18	-13	-45.18	-67.79	3.83	13.44	H
	7584	-61.54	-13	-48.54	-71.98	2.80	13.24	V
	11376	-47.45	-13	-34.45	-57.00	3.46	13.01	V
	15180	-58.28	-13	-45.28	-67.84	3.88	13.44	V

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

SA n77 / 100MHz / QPSK / MIMO ANT2+8(NR)								
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	-62.21	-13	-49.21	-72.69	2.76	13.24	H
	11376	-59.76	-13	-46.76	-69.35	3.42	13.01	H
	15180	-58.63	-13	-45.63	-68.24	3.83	13.44	H
	7584	-62.21	-13	-49.21	-72.65	2.80	13.24	V
	11376	-58.78	-13	-45.78	-68.33	3.46	13.01	V
	15180	-58.09	-13	-45.09	-67.65	3.88	13.44	V

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

SA n77 / 100MHz / QPSK / MIMO ANT3+8(NR)								
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	7596	-62.29	-13	-49.29	-72.77	2.76	13.24	H
	11376	-58.85	-13	-45.85	-68.44	3.42	13.01	H
	15180	-58.69	-13	-45.69	-68.30	3.83	13.44	H
	7596	-63.15	-13	-50.15	-73.59	2.80	13.24	V
	11376	-58.93	-13	-45.93	-68.48	3.46	13.01	V
	15180	-59.58	-13	-46.58	-69.14	3.88	13.44	V

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



SA n77 / 100MHz / QPSK / MIMO ANT7+3(NR)								
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	7596	-62.31	-13	-49.31	-72.79	2.76	13.24	H
	11376	-57.56	-13	-44.56	-67.15	3.42	13.01	H
	15180	-58.26	-13	-45.26	-67.87	3.83	13.44	H
	7596	-62.09	-13	-49.09	-72.53	2.80	13.24	V
	11376	-56.36	-13	-43.36	-65.91	3.46	13.01	V
	15180	-58.40	-13	-45.40	-67.96	3.88	13.44	V

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

SA n77 / 100MHz / QPSK / MIMO ANT7+8(NR)								
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	7596	-62.37	-13	-49.37	-72.85	2.76	13.24	H
	11376	-57.48	-13	-44.48	-67.07	3.42	13.01	H
	15180	-58.30	-13	-45.30	-67.91	3.83	13.44	H
	7596	-62.10	-13	-49.10	-72.54	2.80	13.24	V
	11376	-55.22	-13	-42.22	-64.77	3.46	13.01	V
	15180	-58.65	-13	-45.65	-68.21	3.88	13.44	V

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